



INTERCONTINENTAL CHANGSHA, CHINA

洲际长沙，中国

18 DEC 2012

LIST OF SYMBOLS & ABBREVIATIONS

符号及简称对照表

LIST OF SYMBOLS

符号说明表

Symbol 符号	Description	说明
 CP	Control Panel	调光控制系统面板
 CCP	Colour Changing Cove Light Control Panel	颜色变换线型带灯控制面板
 FP	Fader Panel	增益调节面板
 PP	Programming Point	调光控制系统调整点标示
 MP	Multi-Pin Socket Outlet	多针孔插座／端子
 DR	Dimmer Rack Location	调光控制主机位置标示
	Infra Red Control	红外线控制器标示
	Transformer Location	变压器位置标示
	IPP Outlet	IPP 插座／端子
	XLR Outlet	XLR 插座／端子
	Plugbox	接线箱 (盒)
	Socapex Outlet	多针脚讯号端子
	Pin Matrix	矩阵针孔
	Patch Panel	跳线面板
	Suspension Point	悬吊位置标示
	15Amp Socket Outlet (Stage Lighting)	15 安培插座 (舞台灯光)
	25Amp Socket Outlet c/w Change-Over Switch (Stage Lighting)	25 安培插座含切换开关 (舞台灯光)
	Jack Socket Outlet	信号端子插座

LIST OF SYMBOLS

符号说明表

Symbol 符号	Description	说明
 LSW	1 - Way Lighting Switch	单路开关
 ² LSW	2 Way Lighting Switch	双路开关
 ³ LSW	3 Way Lighting Switch	三路开关
 LD	Local Dimmer Switch	分区调光控制开关
 MS	Micro Switch	小开关
 K	Key Switch	锁开关
 M	Master Switch	主开关
 SM	Sub Master Switch	子开关
	5Amp Spur Unit / Socket Outlet	5 安培插座
 F	5Amp Floor Spur Unit / Socket Outlet	5 安培地板插座
	13Amp Switch Socket Outlet	13 安培插座
	15Amp Switch Socket Outlet	15 安培插座
 W	13Amp Weatherproof Socket Outlet	13 安培防水插座
 J	Junction Box	接线盒
 C_	Linear Light Strip (Klikstrip / Rope Light / Fibre Optic)	线性带灯
 C_	Trough Lighting	槽灯
 F_	Fluorescent / Philinea	日光灯管 / 钨丝灯管
 N_	Cold Cathode / Neon Tubing	冷极管 / 氖光管
  R_	Recessed Lighting Fitting	嵌入式灯具
 S_	Surface Mounting Lighting Fitting	吸顶式灯具
 T_	Lighting Track	轨道灯轨道
 TS_	Track Mounted Spotlight	轨道式投射灯
 X_	External Lighting Fitting	户外用灯具
 EB	Emergency Battery Pack	紧急照明电池
 U	Non Maintained Emergency Luminaire Connected to 2 hours battery pack.	不需维护的紧急照明灯 附带 2 小时的电池

LIST OF SYMBOLS

符号说明表

Symbol 符号	Description	说明
	Single Gang 13Amp Socket Outlet	单联 13 安培电源插座
	2 Gang Twin 13Amp Socket Outlet	双联 13 安培电源插座
	Single Gang Single Toggle Switch Plate	单联单键开关
	Single Gang 2 Toggle Switch Plate	单联双键开关
	Master Switch	主开关
	Sub Master Switch	子开关
	Key Switch	锁开关
	Thermostat	恒温器
	TV/FM Outlet	电视机 / 音箱插座
	Telephone Outlet	电话机插座
	Single Gang Computer Outlet	单联计算机电源插座
	Single Gang Telephone Point / Fax Outlet	单联电话机 / 传真机插座

OTHERS

其它光源

C	denotes 表示	Linear Light Strip (Clikstrip / Rope Light / Fibre Optic)	线性灯带
F	denotes 表示	Fluorescent / Philinea	日光灯管 / 钨丝灯管
N	denotes 表示	Cold Cathode / Neon Tubing	冷极管 / 氖光管
R	denotes 表示	Recessed Mounted Fitting	嵌入式灯具
S	denotes 表示	Surface Mounted Fitting	吸顶式灯具
T	denotes 表示	Lighting Track	轨道灯
TS	denotes 表示	Track Mounted Spotlight	轨道式投射灯
DC	denotes 表示	Decorative Chandelier (specified by ID)	装饰性大型主吊灯 (由室内设计师设计)
DL	denotes 表示	Decorative Lantern (specified by ID)	装饰性灯笼 (由室内设计师设计)
DP	denotes 表示	Decorative Pendant (specified by ID)	装饰性一般吊灯 (由室内设计师设计)
DPL	denotes 表示	Decorative Picture Light (specified by ID)	装饰性照图灯 (由室内设计师设计)
DS	denotes 表示	Decorative Wall Sconces (specified by ID)	装饰性壁灯 (由室内设计师设计)
DT	denotes 表示	Decorative Table Lamp (specified by ID)	装饰性桌灯 (由室内设计师设计)
CP	denotes 表示	Control Panel	调光控制面板
DR	denotes 表示	Dimmer Rack Location	调光控制系统主机
XFMR	denotes 表示	Transformer	变压器

CIRCUIT TYPE

回路说明

D	denotes 表示	Dimming circuit taken from Dimmer Rack	调光控制回路
ND	denotes 表示	Non dimmed circuit taken from Dimmer Rack	非调光控制回路
CL	denotes 表示	Cleaners Override	吸尘器用回路
RS	denotes 表示	Relay Switch	继电器开关
E	denotes 表示	Emergency Circuit	紧急照明电路
LSW	denotes 表示	Locally Switch (one-way)	分区单路开关
LSW ²	denotes 表示	Locally Switch (two-way)	分区双路开关
LSW ³	denotes 表示	Locally Switch (three-way)	分区三路开关
M	denotes 表示	Master Switch	主开关
SM	denotes 表示	Sub Master Switch	子开关
MS	denotes 表示	Micro-Switch	小开关
GDB	denotes 表示	General Distribution Board	主回路开关箱
TSW	denotes 表示	Time Switch	定时开关
K	denotes 表示	Key Switch	含锁开关

SOURCE

一般光源

CC	denotes 表示	Cold Cathode / Neon Tubing	冷极管／霓虹灯管
CSI	denotes 表示	Compact Source Iodide	碘化银灯管
CDM-R	denotes 表示	Reflector Metal Halide - Reflector	陶瓷复金属灯泡(含铝环)
CDM-T	denotes 表示	Metal Halide - Tubular	陶瓷复金属灯泡
FL	denotes 表示	Fluorescent	日光灯管
HC	denotes 表示	Hot Cathode	热极光管
HQI	denotes 表示	Halogen Quartz Iodide	高压复金属石英灯泡
MBF	denotes 表示	Mercury Vapour with Fluorescent	水银灯泡
MSD/MSR	denotes 表示	Discharge Lamp	气体放电灯泡
MV	denotes 表示	Mercury Vapour	蒸气水银灯泡
PL	denotes 表示	Compact Fluorescent	单回高效日光灯管
Q	denotes 表示	Quartz	石英灯泡
SON	denotes 表示	High Pressure Sodium	高压钠灯泡
SON-D	denotes 表示	Colour Corrected High Pressure Sodium	高演色高压钠灯泡
SOX	denotes 表示	Low Pressure Sodium	低压钠灯泡
T	denotes 表示	Tungsten	钨丝灯泡
TLV	denotes 表示	Tungsten Low Voltage	低压钨丝灯泡



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Reception Area 一层 - 接待处

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>	
					<u>方式</u>		

Reception Area

RA-01	C12	201.6M	4.8	4.8	LED	D1	Concealed linear lights to columns	
RA-05	5A/SO	3	100	300	T	D5	Socket outlets to standing lamps	
RA-06	C12	16.8	M	4.8	80.64	LED	D6	Concealed lights to recept counter
RA-07	5A/SO	2	100	200	T	D7	Socket outlets for decorative lamps	
RA-08	5A/SO	1	100	100	T	D8	Socket outlet for table lamp	
RA-11	C11	46.5	M	7.8	362.7	LED	D11	Cove lighting
RA-12	DP	5	400	2000	TLV	D12	Decorative pendant	
RA-13	R11.5	8	60	480	TLV	D13	General Downlights	
RA-14	R11.6	4	70	280	CDM-R	Non-Dim	Metal Halide Downlights	
RA-15	R11	40	60	2400	TLV	D15	General Downlights	
RA-16	R11.2	20	70	1400	TLV	Non-Dim	Metal Halide Downlights	
RA-17	R11.3	12	60	720	TLV	D17	Directional downlights	
RA-18	R11.5	2	60	120	TLV	D18	Directional downlights	
RA-19	R13	14	50	700	TLV	D19	wallwashers to reception backwall	
RA-20	R12	9	50	450	TLV	D20	Downlights over reception counters	
RA-21	R12	3	50	150	TLV	D21	Downlights to Lounge entrance	
RA-22	C12	19.2	100	1920	TLV	D22	Downlight to concerge	
RA-23	ts tr R12	5	50	250	TLV	D23	Downlight to Revolving door	

11918.14

2 NON-DIMMED GROUP
16 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_RA** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-RA** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_RA**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-RA** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_RA** shall be 8 button + Off + Raise + Lower.

面板 **CP-RA** 应包括8个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.

机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant

机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Main Lobby 一层 - 大堂

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/ PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

Main Lobby

ML-01	C12	14.5	M	4.8	69.6	LED	D1	Concealed linear lights at lift lobby
ML-02	5A/SO	13		100	1300	T	D2	Power for decorative lamps
ML-03	X02	22		20	440	TLV	D3	Tree uplights
ML-04	JBOX	6		100	600	T	D4	Provisions for lighting
ML-05	5A/SO	5		100	500	T	D5	Power for decorative lamps
ML-06	X01	48		35	1680	TLV	D6	Underwater light to feature wall
ML-07	5A/SO	6		100	600	T	D7	Power for decorative lamps
ML-11	C11	88.3	M	7.8	688.74	LED	D11	Cove lighting
ML-12	C11	109	M	7.8	850.2	LED	D12	Cove lighting
ML-13	R15	56		50	2800	TLV	D13	General Downlights
ML-14	R15.2	9		50	450	TLV	D14	Downlights at lift lobby
ML-15	R17	18		50	900	TLV	D15	General Downlights
ML-16	R17	18		50	900	TLV	D16	General Downlights
ML-17	C11	3.7	M	7.8	28.86	LED	D17	Cove lighting
ML-18	R13.2	8		50	400	TLV	D18	Directional wallwasher
ML-19	R15	6		50	300	TLV	D18	General Downlights to WC
ML-21	C11	42	M	7.8	327.6	LED	D21	Balustrade Uplight

12835

16 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_ML** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-ML** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_ML**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-ML** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_ML** shall be 8 button + Off + Raise + Lower.
面板 **CP-ML** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



PROJECT
LIGHTING
DESIGN

CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Lobby Lounge 一层 - 大堂吧

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Lobby Lounge

LL-01	DS	7	100	700	T	D1	Decorative wall sconces
LL-02	5A/SO	2	100	200	T	D2	Power for decorative lamps (by ID)
LL-03	5A/SO	8	100	800	T	D3	Power for decorative lamps (by ID)
LL-04	C12	10.6	M 4.8	50.88	LED	D4	Concealed linear lights at the bar
LL-05	C12	10.5	M 4.8	50.4	LED	D5	Backlit display at bar
LL-11	R11.4	12	60	720	TLV	D11	Directional downlights
LL-12	R11	18	60	1080	TLV	D12	Directional downlights
LL-13	R11.2	9	70	630	CDMR	ND13	General downlights
LL-14	C11	56	M 7.8	436.8	LED	D14	Ceiling feature - conceal lighting
LL-15	C11	86	M 7.8	670.8	LED	D15	Ceiling feature - conceal lighting
LL-16	DP	1	1000	1000	T	D16	Decorative pendant
LL-17	R14	54	35	1890	TLV	D17	Downlights to Artwork
LL-18	R11.5	2	60	120	TLV	D18	Directional downlights
LL-19	R11.6	8	70	560	CDMR	ND19	Directional downlights

8908.88

2 NON-DIMMED GROUPS

12 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_LL** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-LL** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_LL**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-LL** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_LL** shall be 8 button + Off + Raise + Lower.
面板 **CP-LL** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Wedding Centre 一层 - 婚礼中心

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Wedding Centre

WC-01	5A/SO	2		100	200	T	D1	Power for standing lamp (by ID)
WC-02	5A/SO	2		100	200	T	D2	Power for table lamps (by ID)
WC-03	C12	10.5	M	4.8	50.4	LED	D3	Wall concealed lighting
WC-04	C12	7	M	4.8	33.6	LED	D4	Wardrobe lighting
WC-05	DS	4		100	400	T	D5	Decorative wall sconces
WC-06	C12	18		4.8	86.4	LED	D6	Mirror lighting
WC-11	R15.3	4		50	200	TLV	D11	Downlights
WC-12	R16	6		50	300	TLV	D12	Directional downlights
WC-13	R16.2	12		50	600	TLV	D13	General downlights
WC-14	R16.2	24		50	1200	TLV	D14	General downlights
WC-15	C11	27.8	M	7.8	216.84	LED	D15	Coffer ceiling lighting
WC-16	DP	1		500	500	T	D16	Decorative pendant
WC-17	R15	2		50	100	TLV	LSW	Downlights in pantry
WC-18	C11	14.3	M	7.8	111.54	LED	D18	Cove lighting
WC-19	R15.2	3		50	150	TLV	D19	Downlights
WC-20	C11	2.4	M	15	36	LED	D20	Cove lighting - restrooms
WC-21	R15.2	2		50	100	TLD	D21	Downlights above vanity counter
WC-22	C11	14.2	M	15	213	LED	D22	cove light - changing room
WC-23	R15.2	3		50	150	TLV	D23	General downlights
WC-23	R15	2		50	100	TLV	D23	General downlights
WC-24	R15.2	3		50	150	TLV	D24	General downlights - make-up area
WC-24	R15	2		50	100	TLV	D24	General downlights - make-up area
WC-25	C11	10.4	M	7.8	81.12	LED	D25	Coffer ceiling light in make-up area
WC-26	R15	2		50	100	TLV	D26	Downlights in pantry

5378.9

21 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_WC** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-WC** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_WC**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-WC** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_WC** shall be 8 button + Off + Raise + Lower.
面板 **CP-WC** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Speciality Restaurant 一层 - 特色餐厅

DATE : 10-May-12

REV. DATE :	2-Nov-12	#####							
REVISION :	A	B							

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Speciality Restaurant

SR-01	X07	10		20	200	TLV	D1 Uplights
SR-02	5A/SO	2		100	200	T	D2 Power for standing lamps
SR-03	5A/SO	3		100	300	T	D3 Power for table lamps
SR-04	C17	12	M	7.8	93.6	LED	D4 Strip lights - Wine Fridge
SR-05	5A/SO	2		100	200	T	D5 Socket Outlets - Decorative lamps
SR-06	C12	3.6	M	7.8	28.08	LED	D6 linear lights
SR-07	JBOX	2		100	200	T	D7 Power provisions - display console
SR-08	C12	4.2	M	7.8	32.76	LED	D8 Concealed light under bar counter
SR-09	5A/SO	2		50	100	T	D9 Floor Lamps
SR-10	X02	12		20	240	TLV	D10 Column Uplights
SR-11	C17	25	M	7.8	195	LED	D11 Floor strip lights

SR-12	DP	4		500	2000	T	D12 Decorative Pendants
SR-13	C11	29	M	7.8	226.2	LED	D13 Coffe ceiling lights
SR-14	DP	2		1000	2000	T	D14 Decorative Pendants
SR-15	S03	8		50	400	TLV	D15 Surface mounted downlights
SR-16	C11	53	M	15	7.8	LED	D16 Cove lighting
SR-17	C11	34	M	15	510	LED	D17 Coffe ceiling lighting
SR-18	S03	8		50	50	TLV	D18 Surface mounted downlights
SR-19	R16.2	14		50	700	TLV	D19 General downlights
SR-20	R23	8		50	400	TLV	D20 Downlights
SR-22	DP	1		1000	1000	T	D22 Decorative Pendant
SR-23	S03	11		50	550	TLV	D23 Surface mounted downlights
SR-24	X06	14		50	700	TLV	D24 General downlights
SR-25	R14	36		35	1260	TLV	D25 Slot Downlights

Private Dining 1

SR1-11	R14	32		35	1120	TLV	D26 Downlights to Artwork in PDR1
SR1-12	R15.2	2		50	100	TLV	D27 Downlights to dining table
SR1-13	DP	1		1000	1000	T	D28 Decorative Pendant
SR1-14	R16.3	1		50	50	TLV	D29 Downlight
SR1-15	C11	19	M	7.8	148.2	LED	D30 Cove lighting



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Speciality Restaurant 一层 - 特色餐厅

DATE : 10-May-12

REV. DATE :	2-Nov-12	#####							
REVISION :	A	B							

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量		<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
<u>Speciality Restaurant</u>							
<u>Private Dining 2</u>							
SR2-11	C11	14.5	M	7.8	113.1	LED	D31 Cove lighting in PDR2
SR2-12	R16.3	2		50	100	TLV	D32 Downlight in niche
SR2-13	R15.2	2		50	100	TLV	D33 Downlights to dining table
SR2-14	DP	1		1000	1000	T	D34 Decorative Pendant
<u>Private Zone</u>							
SRP-11	S03	11		50	550	TLV	D35 Surface mounted general downlights
SRP-12	C11	28	M	7.8	218.4	LED	D36 Cove lighting

16093.1

36 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_SR** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-SR, CP-SR1, CP-SR2 & CP-SRP** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_SR**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-SR, CP-SR1, CP-SR2 & CP-SRP** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-SR, CP-SR1, CP-SR2 & CP-SRP** shall be 8 button + Off + Raise + Lower.
面板 **CP-SR, CP-SR1, CP-SR2 & CP-SRP** 应包括8个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Beer bar 一层 - 啤酒吧

DATE : 15-Aug-12

REV. DATE :	2-Nov-12	17-Nov-12							
REVISION :	A	B							

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>		<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>		<u>光源</u>	<u>回路控制</u>	<u>方式</u>	<u>备注</u>
<u>Beer bar</u>								
BB-01	5A/SO	2		400	T	D1		Sockets for Decorative table lamps
BB-02	C12	3	M	4.8	14.4	LED	D2	Recep counter conceal light
BB-03	C12	11	M	4.8	52.8	LED	D3	Bar Counter lighting
BB-04	C12	15	M	4.8	72	LED	D4	Whiskey lockers
BB-05	C12	7.2	M	4.8	34.56	LED	D5	Bottle display on counter
BB-06	R25	48		1.3	62.4	LED	D6	Bottle display
BB-07	C12	5	M	4.8	24	LED	D7	Beer counter ledge
BB-08	C12	14	M	4.8	67.2	LED	D8	Beer keg halo
BB-09	5A/SO	2		400	T	D9		Sockets for Decorative table lamps
BB-10	C12	5	M	4.8	24	LED	D10	Fireplace display
BB-11	X07	8		20	160	TLV	D11	Shelf downlights
BB-12	T04	5	2M	0	0	TLV	D12	seating area downlight on track
	TS04	12		50	600	TLV	D12	seating area downlight on track
BB-13	R14	11		35	385	TLV	D13	Downlights in slot
BB-14	DP	2		500	1000	T	D14	Decorative pendants
BB-15	DP	5		400	2000	T	D15	Decorative pendants
BB-16	DP	4		500	2000	T	D16	Decorative pendants
BB-17	T04.1	6	1M	0	0	TLV	D12	seating area downlight on track
	TS04	6		50	300	TLV	D12	seating area downlight on track
BB-18	T04.1	8	1M	0	0	TLV	D12	seating area downlight on track
	TS04	8		50	400	TLV	D12	seating area downlight on track
BB-19	DP	3		500	1000	T	D19	Decorative pendants
BB-20	R12	3		50	150	TLV	D20	General downlight
	R17.2	2		50	100	TLV	D20	General downlight
BB-21	T03	4	2M	0	0	TLV	D12	Seating area downlight
	TS03	12		50	600	TLV	D12	Seating area downlight
BB-22	DP	3		500	1500	T	D22	Decorative pendants
BB-23	T04	2	2M	0	0	TLV	D23	seating area downlight on track
	TS04	6		50	300	TLV	D23	seating area downlight on track
BB-24	T04.1	5	1M	0	0	TLV	D24	seating area downlight on track
	TS04	5		50	250	TLV	D24	seating area downlight on track
BB-25	DP	7		250	1750	T	D25	Decorative pendants
BB-26	T04	7	2M	0	0	TLV	D26	seating area downlight on track
	TS04	14		50	700	TLV	D26	seating area downlight on track
BB-27	T04	3	2M	0	0	TLV	D27	Reception downlights
	TS04	9		50	450	TLV	D27	Reception downlights
BB-28	R16	2		50	100	TLV	D28	Signage downlight
BB-29	DP	5		400	2000	T	D29	Decorative pendants
BB-30	R13.2	7		50	350	TLV	D30	Wallwasher to beer keg
BB-31	DP	2		500	1000	T	D31	Decorative pendants
BB-33	T04	6	2M	0	0	T	D33	seating area downlight on track
	TS04	12		50	600	TLV	D33	seating area downlight on track
				<u>18246.36</u>		<u>33 DIMMING GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_BB** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP_BB** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_BB**(位置由机电顾问确定)，使用 Helvar Electrosonic "Imagine" 智能灯控系统调光，并且可从面板 **CP_BB** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_BB** shall be 8 button + Off + Raise + Lower.
面板 **CP_BB** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - All Day Dining 一层 - 全日餐厅

DATE : 10-May-12

REV. DATE : 18-Dec-12

REVISION : a

CCT. NO.	FTG. REF.	QTY	LOAD (W)		SOURCE	CCT/ PHASE	NOTES
回路代号	灯具代号	数量	总负载(瓦)		光源	回路控制 方式	备注
All Day Dining							
ADD-01	X07	4	1.3	5.2	LED	D1	uplight to artwork at entrance
ADD-02	C12	69	M 4.8	331.2	LED	D2	concealed lighting in display shelves
ADD-03	DS	2	100	200	T	D3	Decorative wall sconces (by ID)
ADD-04	C12	8.7	M 4.8	41.76	LED	D4	Concealed light- serving station artwork
ADD-05	5A/SO	4	100	400	T	D5	Decorative lamps (by ID)
ADD-06	C12	6.9	M 4.8	33.12	LED	D6	concealed light in front of counter
ADD-07	C12	22.5	M 4.8	108	LED	D7	concealed light at display shelves above counter
ADD-08	C12	3.8	M 4.8	18.24	LED	D8	concealed light at plate display
ADD-09	C12	3.6	M 4.8	17.28	LED	D9	concealed light in front of counter
ADD-10	C12	7.2	M 4.8	34.56	LED	D10	concealed light at display shelves above counter
ADD-11	C12	4.8	M 4.8	23.04	TLV	D11	concealed light at plate display
ADD-12	C12	6.6	M 4.8	31.68	LED	D12	concealed light at display shelves above counter
ADD-13	C12	8.1	M 4.8	38.88	LED	D13	concealed light at food display
ADD-14	C12	2	M 4.8	9.6	LED	D14	concealed light at plate display
ADD-15	C02	3.5	M 0	0	LED	D15	concealed light at salad
ADD-16	R25	20	15	300	LED	D16	recessed spotlight for display
ADD-17	R24	8	50	400	TLV	D17	kitchen hood lighting
ADD-18	C12	48.5	M 4.8	232.8	LED	D18	concealed light at shelves display
ADD-19-01	C17	5.7	0	0	LED	ND19-01	back lit ice bucket display (warm white)
ADD-19-02	C17.2	5.7	M 0	0	LED	ND19-02	back lit ice bucket display (rgb)
ADD-20	J-BOX	1	0	0		D20	Grill oven power provisions
ADD-21-01	C17	1.9	M 0	0	LED	ND21-01	back lit ice bucket display (warm white)
ADD-21-02	C17.2	1.9	M 0	0	LED	ND21-02	back lit ice bucket display (rgb)
ADD-22	C12	2.1	M 4.8	10.08	LED	D22	concealed light at plate display
ADD-23	C12	3.1	M 4.8	14.88	LED	D23	concealed light in front of counter
ADD-24	C12	12	M 4.8	57.6	LED	D24	concealed light at display shelves above counter
ADD-25	C12	2.5	M 4.8	12	LED	D25	Concealed task light
ADD-26	C12	17	M 4.8	81.6	LED	D26	concealed light at shelves display
ADD-27	C12	9.7	M 4.8	46.56	LED	D27	concealed light in front of counter
ADD-28	C12	29.1	M 4.8	139.68	LED	D28	Concealed task light
ADD-29	R25	10	1.3	13	LED	D29	plate display spotlight
ADD-30	C12	2.3	M 4.8	11.04	LED	D30	concealed light at plate display
ADD-31	C12	21.6	M 4.8	103.68	LED	D31	concealed light at shelves display
ADD-32	C12	7.2	M 4.8	34.56	LED	D32	concealed light in front of counter
ADD-33	C12	21.6	M 4.8	103.68	LED	D33	concealed light at display shelves above counter
ADD-34	R24	4	50	200	TLV	D34	kitchen hood lighting
ADD-35	R25	10	50	500	TLV	D35	plate display spotlight
ADD-36	C12	0.7	M 4.8	3.36	LED	D36	concealed light at plate display
ADD-37	C12	2.8	M 4.8	13.44	LED	D37	concealed light at display shelves above counter
ADD-38	C12	4.2	M 4.8	20.16	LED	D38	concealed light at shelves display
ADD-39	C12	7.8	M 4.8	37.44	LED	D39	concealed light at shelves display (oven)
ADD-40	C12	21	M 4.8	100.8	LED	D40	wall concealed light
ADD-41	5A/SO	1	100	100	T	D41	decorative standing lamp
ADD-42	5A/SO	1	100	100	T	D42	decorative standing lamp
ADD-43	C12	18	M 4.8	86.4	LED	D43	concealed light at shelves display
ADD-44	C12	10.2	M 4.8	48.96	LED	D44	concealed light at shelves display
ADD-45	C12	9	M 4.8	43.2	LED	D45	concealed light in front of counter
ADD-46	C12	27	M 4.8	129.6	LED	D46	concealed light at display shelves above counter



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - All Day Dining 一层 - 全日餐厅

DATE : 10-May-12

REV. DATE : 18-Dec-12

REVISION : a

CCT. NO.	FTG. REF.	QTY	LOAD (W)	SOURCE	CCT/ PHASE	NOTES
回路代号	灯具代号	数量	总负载(瓦)	光源	回路控制 方式	备注
All Day Dining						
ADD-51	C11	13.5	M 7.8 105.3	LED	D51	cove lighting
ADD-52	C11	23	M 7.8 179.4	LED	D52	cove lighting
ADD-53	C11	36.4	M 7.8 283.92	LED	D53	cove lighting
ADD-54	C11	13.3	M 7.8 103.74	LED	D54	cove lighting
ADD-55	C11	23	M 7.8 179.4	LED	D55	cove lighting
ADD-56	C11	23	M 7.8 179.4	LED	D56	cove lighting
ADD-57	C11	16	M 7.8 124.8	LED	D57	cove lighting
ADD-58	R16.2	9	50 450	TLV	D58	General downlights
	R16.3	9	50 450	TLV	D58	General downlights
ADD-59	R16.2	5	50 250	TLV	D59	General downlights
	R16.3	5	50 250	TLV	D59	General downlights
ADD-60	R17.2	4	50 200	TLV	D60	open kitchen lighting
ADD-61	R17.2	10	50 500	TLV	D61	open kitchen lighting
ADD-62	R17.2	17	50 850	TLV	D62	open kitchen lighting
ADD-63	R17.2	17	50 850	TLV	D63	open kitchen lighting
ADD-64	R17.2	6	50 300	TLV	D64	open kitchen lighting
ADD-65	DP	2	500 1000	T	D65	Decorative Pendants
ADD-66	DP	4	500 2000	T	D66	Decorative Pendants
ADD-67	R16.2	6	50 300	TLV	D67	General downlights
	R16.3	6	50 300	TLV	D67	General downlights
ADD-68	R16.2	9	50 450	TLV	D68	General downlights
	R16.3	9	50 450	TLV	D68	General downlights
ADD-69	R16.2	6	50 300	TLV	D69	General downlights
	R16.3	6	50 300	TLV	D69	General downlights
ADD-70	DP	3	500 1500	T	D70	Decorative Pendants
ADD-71	DP	5	500 2500	T	D71	Decorative Pendants
ADD-72	DP	6	500 3000	T	D72	Decorative Pendants
ADD-73	DP	5	500 2500	T	D73	Decorative Pendants
ADD-74	R16.3	2	50 100	TLV	D74	General downlights over service station
ADD-75	R17.2	10	50 500	TLV	D75	open kitchen lighting
ADD-76	R17.2	8	50 400	TLV	D76	open kitchen lighting
ADD-77	R16.2	9	50 450	TLV	D77	General downlights
	R16.3	9	50 450	TLV	D77	General downlights
ADD-78	S04	11	50 550	TLV	D78	General downlights on timber ceiling
	S04.2	11	50 550	TLV	D78	General downlights on timber ceiling
ADD-79	R16.2	2	50 100	TLV	D79	General downlights
	R16.3	2	50 100	TLV	D79	General downlights
ADD-80	DP	8	500 4000	T	D80	Decorative Pendants
ADD-81	DP	2	500 1000	T	D81	Decorative Pendants
ADD-82	C11	20.5	7.8 159.9	LED	D82	cove lighting
ADD-83	R17.2	8	50 400	TLV	D83	open kitchen lighting
ADD-84	S04	13	50 650	TLV	D84	General downlights on timber ceiling
	S04.2	13	50 650	TLV	D84	General downlights on timber ceiling



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - All Day Dining 一层 - 全日餐厅

DATE : 10-May-12

REV. DATE :	18-Dec-12								
REVISION :	a								

CCT. NO.	FTG. REF.	QTY		LOAD (W)	SOURCE	CCT/ PHASE	NOTES	
回路代号	灯具代号	数量		总负载(瓦)	光源	回路控制 方式	备注	
All Day Dining								
ADD-91	C11	16.3	M	7.8	127.14	LED	D91	cove lighting
ADD-92	R16.2	4		50	200	TLV	D92	General downlights
	R16.3	4		50	200	TLV	D92	General downlights

ADD TOILET

ADD-101	C12	40	M	4.8	192	LED	D101	Mirror light
ADD-111	C11	22	M	7.8	171.6	LED	D111	Cove light
ADD-112	R15.2	50		22	1100	TLV	D112	Downlights

36143.7

1 NON-DIMMED GROUP

39 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_ADD** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-ADD, CP-ADD1 & CP-ADD-PR** (linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_ADD**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-ADD, CP-ADD1 & CP-ADD-PR** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-ADD, CP-ADD1 & CP-ADD-PR** shall be 8 button + Off + Raise + Lower.
面板 **CP-ADD & CP-ADD1** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Lift Lobby 1 一层 - 电梯厅1

DATE : 2-Nov-12

REV. DATE :

REVISION :

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量	<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
<u>Lift Lobby 1</u>						
LLM-01	C12	31	M 4.8	148.8	LED	D1 Concealed lighting
LLM-11	C11	21.6	M 7.8	168.48	LED	D11 Cove lighting
LLM-12	R15	18	50	900	TLV	D12 Downlight to lift door

1217.28

3 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_ML** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-ML**(linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_ML**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-ML** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_ML** shall be 8 button + Off + Raise + Lower.
面板 **CP-ML** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - VIP Lift Lobby 一层 - VIP 电梯厅

DATE : 2-Nov-12

REV. DATE :

REVISION :

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

VIP Lift Lobby (L1)

LLV-01	C11	10.2	M	7.8	79.56	LED	D1	Linear cove light
LLV-02	R15	6		50	300	TLV	D2	Wallwashers

379.56

2 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_ML** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-ML**(linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_ML**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-ML** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-ML** shall be 8 button + Off + Raise + Lower.
面板 **CP-ML** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Typical and Handicapped lift car 典型和残障电梯厢

DATE : 2-Nov-12

REV. DATE :

REVISION :

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Typical & handicapped Lift car</u>							
LC-11	C11	5.4	M	7.8	42.12	LED	D1 Cove lighting
LC-12	R15.2	2		50	100	TLV	D2 General downlights
				<u>142.12</u>	<u>2 DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_ML** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-ML**(linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_ML**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-ML** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_ML** shall be 8 button + Off + Raise + Lower.
面板 **CP-ML** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Public Toilet 1 一层 - 洗手间1

DATE : 2-Nov-12

REV. DATE :								
REVISION :								

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Public Toilet 1</u>							
PT1-01	-	32.4	M 15	486	FL	D1	Mirror Backlighting
PT1-11	-	17.8	M 15	267	LED	D11	Cove lighting
PT1-12	-	15	50	750	TLV	D12	General Downlights

1503

3 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_ML** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-ML** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_ML**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-ML**手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_ML** shall be 8 button + Off + Raise + Lower.
面板 **CP-ML** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 - Public Toilet 2 一层 - 洗手间2

DATE : 2-Nov-12

REV. DATE :

REVISION :

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量		总负载 (瓦)	光源	回路控制 方式	备注
<u>Public Toilet 2</u>							
PT2-01	C12	36	M 4.8	172.8	FL	D1	Mirror Backlighting
PT2-11	C11	28	M 7.8	218.4	LED	D11	Cove lighting
PT2-12	R15.2	21	50	1050	TLV	D12	General Downlights

1441.2

3 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_ML** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-ML** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_ML**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-ML**手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_ML** shall be 8 button + Off + Raise + Lower.
面板 **CP-ML** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 1 -retail corridor 一层 - 零售店铺走道

DATE : 2-Nov-12

REV. DATE :								
REVISION :								

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>retail corridor</u>							
RS-11	C11	70	M	7.8	546	LED	D1 Cove lighting
RS-12	R15	23		50	1150	TLV	D2 General downlights
				<u>1696</u>	<u>2 DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_ML** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-ML**(linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_ML**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-ML** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_ML** shall be 8 button + Off + Raise + Lower.
面板 **CP-ML** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Cloak Room 1 二层 - 会议室2H

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Cloak Room 1</u>							
CR1-01	F01	26	21	179	FL	LSW	Wardrobe lights
CR1-02	C12	3m	4.8	14.4	LED	LSW	Concealed strip lights
CR1-11	R15.3	3	50	150	TLV	LSW	Downlights above counter
	R13.2	4	50	150	TLV	LSW	Wallwasher behind counter
CR1-12	C11	9M	7.8	71	LED	LSW	Cove Lighting above counter
CR1-13	R15	7	50	350	TLV	LSW	General downlights

914.4

All the above circuits are to be taken back to a convenient distribution board (GDB) and controlled by Local Switches (LSW).

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 2 - Pre-function Area / Circulation 1 二层 - 宴会前厅, 走廊1
DATE : 10-May-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Pre-function Area / Circulation 1</u>							
PC1-02	C12	20	M	4.8	96	LED	D2 Concealed lighting
PC1-03	JBOX	1		100	100	T	D3 Power provisions for Artefacts
PC1-04	DS	4		100	400	T	D4 Decorative Wall Sconces
PC1-05	C12	60		4.8	288	LED	D5 Concealed lighting ard artwork
PC1-06	JBOX	4		100	400	T	D6 Power provisions for Artefacts
PC1-07	5A/SO	2		100	200	T	D7 Socket Outlet for standing lamps
PC1-08	C11	5.1		4.8	24.48	T	D8 Concealed lighting uplight at "boxes"
PC1-09	C12	2.9		4.8	13.92	T	D9 Concealed light at service stations
PC1-21	C11	43	M	7.8	335.4	LED	D21 Cove Lightings
PC1-22	R13.2	50		50	2500	TLV	D22 Directional wallwash to artwork
PC1-23	C11	44	M	7.8	343.2	LED	D23 Cove Lightings
PC1-24	R15.2	9		50	450	TLV	D24 Downlights to lift door
PC1-25	R15	34		50	1700	TLV	D25 General Downlights
PC1-26	C11	55.6	M	7.8	433.68	LED	D26 Cove Lightings
				<u>7284.68</u>	<u>14 DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L2** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L2** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L2**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L2** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L2** shall be 8 button + Off + Raise + Lower.
 面板 **CP-L2** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Corridor & Circulation 2 二层 - 会议区走廊2

DATE : #####

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量		总负载(瓦)	光源	回路控制 方式	备注

Corridor & Circulation 2

CC2-01	C12	6	M	4.8	28.8	LED	LSW	Conceal lighting in shelves
CC2-02	C12	5.2	M	4.8	24.96	LED	LSW	Conceal lighting in shelves
CC2-03	C12	5.2	M	4.8	24.96	LED	LSW	Conceal lighting in shelves
CC2-04	C12	4.3	M	4.8	20.64	LED	LSW	Conceal lighting in shelves
CC2-11	R13.2	11		50	550	TLV	D11	Directional Wallwasher
CC2-12	R15	42		50	2100	TLV	D12	General downlights
CC2-13	C11	66	M	7.8	514.8	LED	D13	Coffer ceiling / Cove lightings
CC2-14	C11	48.8	M	7.8	380.64	LED	D14	Coffer ceiling / Cove lightings
CC2-15	C11	65.5	M	7.8	510.9	LED	D15	Coffer ceiling / Cove lightings
CC2-16	C11	64	M	7.8	499.2	LED	D16	Coffer ceiling / Cove lightings

4654.9

7 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CC2** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CC2** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CC2**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CC2** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_CC2** shall be 8 button + Off + Raise + Lower.
面板 **CP-CC2** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Lift Lobby 1 二层 - 电梯厅1

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>			<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>			<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Lift Lobby 1</u>								
LL1-01	C12	26.8	M	4.8	128.64	LED	D1	Concealed lighting
LL1-11	C11	23.8	M	7.8	185.64	LED	D11	Cove lighting
LL1-12	R15	18		50	900	TLV	D12	Downlight to lift door

1214.28

3 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L2** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L2** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L2**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L2** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L2** shall be 8 button + Off + Raise + Lower.
面板 **CP-L2** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - VIP Room 二层 - VIP室

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

VIP Room

VR-01	5A/SO	1		100	100	T	D1	Socket outlet for table lamp
VR-02	F01	1		21	21	FL	MS	Cabinet Lighting
VR-03	F01	1		21	21	FL	MS	Cabinet Lighting
VR-04	F01	1		21	21	FL	MS	Cabinet Lighting
VR-05	F01	1		21	21	FL	MS	Cabinet Lighting
VR-06	F01	1		21	21	FL	MS	Cabinet Lighting
VR-07	F01	1		21	21	FL	MS	Cabinet Lighting
VR-08	F01	1		21	21	FL	MS	Cabinet Lighting
VR-09	JBOX	2		100	200	T	LSW	Power provisions for lighting
VR-10	5A/SO	1		100	100	T	LSW	Socket outlet for standing lamp
VR-11	C12	2.7	M	4.8	12.96	LED	D11	Wardrobe concealed lightings
VR-12	JBOX	1		100	100	T	D12	Power provisions for lighting
VR-13	C12	4.3	M	4.8	20.64	LED	D13	Wardrobe concealed lightings
VR-14	C12	6	M	4.8	28.8	LED	D14	Backlit feature screens
VR-21	R21	3		35	105	TLV	D21	Niche Downlights
VR-22	R21	3		50	150	TLV	D22	Downlights to Artwork
VR-23	C11	47	M	7.8	366.6	LED	D23	Cove Lighting
VR-24	C11	20.4	M	7.8	159.12	LED	D24	Coffer ceiling lights
VR-25	R15.2	6		50	300	TLV	D25	Downlights to sitting area
VR-26	R15.2	12		50	600	TLV	D26	Downlights to sitting area
VR-27	DP	1		1000	1000	T	D27	Decorative pendant
VR-28	R15.2	4		50	200	TLV	D28	General downlights
VR-29	R15.2	2		50	100	TLV	D29	General downlights
VR-30	R15.3	2		50	100	TLV	LSW	Downlights to console table
VR-31	R15.2	4		50	200	TLV	LSW	General downlights
VR-32	C11	17.9	M	7.8	139.62	LED	LSW	Cove Lighting
VR-33	R15	1		50	50	TLV	LSW	Downlight
VR-34	C11	36.2	M	7.8	282.36	LED	D34	Cove Lighting



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - VIP Room 二层 - VIP室

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量	<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/</u> <u>PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
<u>VIP Room</u>						
VR-35	R16.3	4	50	200	TLV	D35 Adjustable downlights
	R15.2	6	50	300	TLV	D35 Downlights
VR-36	R15.2	2	50	100	TLV	D36 Directional downlight in WC
VR-37	C11	3.3	M 7.8	25.74	LED	D37 Cove Lighting in WC
VR-38	R15	2	50	100	TLV	LSW Downlights in storage

5187.84

19 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_VR** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-VR** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_VR**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-VR** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_VR** shall be 4 button + Off + Raise + Lower.
面板 **CP-VR** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Public Toilet 3 二层 - 洗手间3

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载(瓦)	光源	回路控制	方式	备注

Public Toilet 3

PT3-01	C12	30	M 4.8	144	FL	D1	Mirror Backlighting
PT3-11	C11	19	M 7.8	148.2	LED	D11	Cove lighting
PT3-12	R15.2	15	50	750	TLV	D12	General Downlights
PT3-13	R15.2	6	50	300	TLV	D13	General Downlights in cubicle

1342.2

4 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L2** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L2** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L2**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L2** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L2** shall be 8 button + Off + Raise + Lower.
面板 **CP-L2** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Public Toilet 4 二层 - 洗手间4

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量		<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
Public Toilet 4							
PT4-01	C12	36		4.8	172.8	LED	D1 Mirror Backlighting
PT4-11	C11	30	M	7.8	234	LED	D11 Cove lighting
PT4-12	R15.2	22		50	1100	TLV	D12 General Downlights
PT4-13	R15.2	10		50	500	TLV	D12 General Downlights In cubicle
PT4-14	C11	2	M	4.8	9.6	LED	D13 Handicap cove light
PT4-15	R15.2	2		50	100	TLV	D14 Handicap downlight

2006.8

6 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L2** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L2** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L2**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L2** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L2** shall be 8 button + Off + Raise + Lower.
面板 **CP-L2** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Meeting Room 2A 二层 - 会议室2A

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Meeting Room 2A

M2A-01	5A/SO	2	100	200	T	D1	Socket outlet for table lamps
M2A-02	C12	16	M 4.8	76.8	LED	D2	Concealed linear lights
M2A-03	F01	2		2	FL	MS	Wardrobe/Cabinet lighting
M2A-04	F01	2		2	FL	MS	Wardrobe/Cabinet lighting
M2A-11	C11	30.6	M 7.8	238.68	LED	D11	Cove lighting
M2A-12	C11	17	M 7.8	132.6	LED	D12	Coffer ceiling lighting
M2A-13	T01	12	M 4	-	T	D13	Recessed Track
	-	3	500	1500	TLV	-	Track lighting provision
M2A-14	R15	4	50	200	TLV	D14	Downlights
M2A-15	R15	4	50	200	TLV	D15	Downlights
M2A-16	R15	2	50	100	TLV	D16	Downlights
M2A-17	R15	2	50	100	TLV	D17	Downlights
M2A-18	C11	6.6	M 7.8	51.48	LED	D18	Cove lighting
M2A-19	C11	16.7	M 7.8	130.26	LED	D19	Coffer ceiling lighting
M2A-20	R15	4	50	200	TLV	D20	Downlights
M2A-21	R15	2	50	100	TLV	D21	Downlights
M2A-22	R21.2	3	35	105	TLV	D22	Downlight to Artwork

3338.82

14 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2A** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_M2A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2A** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2A** shall be 4 button + Off + Raise + Lower.
面板 **CP-M2A** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 2 - Meeting Room 2B & 2C 二层 - 会议室2B & 2C
DATE : 10-May-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载(瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Meeting Room 2B

M2B-01	5A/SO	1	100	100	T	D1	Socket outlet for standing lamp
M2B-02	C12	23.3	M 4.8	111.84	LED	D2	Concealed linear lights
M2B-03	F01	1	21	21	FL	MS	Wardrobe lighting
M2B-04	F02	1	8	8	FL	MS	Wardrobe lighting
M2B-05	F02	1	8	8	FL	MS	Wardrobe lighting
M2B-11	C11	24.1	M 7.8	187.98	LED	D11	Cove lighting
M2B-12	C11	27.5	M 7.8	214.5	LED	D12	Coffer ceiling lighting
M2B-13	T01	12	M 4	-	T	D13	Recessed Track
	-	3	500	1500	TLV	-	Track lighting provision
M2B-14	R15	4	50	200	TLV	D14	Downlights
M2B-15	R15	4	50	200	TLV	D15	Downlights
M2B-16	R15	4	50	200	TLV	D16	Downlights
M2B-17	R15	4	50	200	TLV	D17	Downlights
M2B-19	R21.2	4	35	140	TLV	D19	Niche downlight
M2B-20							

3091.32

11 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2B** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_M2B**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2B** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2B** shall be 4 button + Off + Raise + Lower.
 面板 **CP-M2B** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 2 - Meeting Room 2B & 2C 二层 - 会议室2B & 2C
DATE : 10-May-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Meeting Room 2C</u>							
M2C-01	5A/SO	1		100	100	T	D1 Socket outlet for standing lamp
M2C-02	5A/SO	2		100	200	T	D2 Socket outlet for decorative lamp
M2C-03	C12	6	M	4.8	28.8	LED	D3 Concealed linear lights (Wall)
M2C-04	F01	1		21	21	FL	MS Cabinet lighting
M2C-05	F01	1		21	21	FL	MS Cabinet lighting
M2C-06	F01	1		21	21	FL	MS Wardrobe lighting
M2C-11	C11	32	M	7.8	249.6	LED	D11 Cove lighting
M2C-12	C11	38.4	M	7.8	299.52	LED	D12 Coffe ceiling lighting
M2C-13	T01	12	M	4	-	T	D13 Recessed Track
	-	3		500	1500	TLV	- Track lighting provision
M2C-14	R15	6		50	300	TLV	D14 Downlights
M2C-15	R15	6		50	300	TLV	D15 Downlights
M2C-16	R15	2		50	100	TLV	D16 Downlights
M2C-17	R15	2		50	100	TLV	D17 Downlights
M2C-18	R15	2		50	100	TLV	D18 Downlights
M2C-19	R15	2		50	100	TLV	D19 Downlights
M2C-20	R16.3	2		50	100	TLV	D20 Directional downlight to artefact
	R21.2	1		35	35	TLV	D20 Directional downlight to artefact
				3575.92	13 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2C** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2C** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_M2C**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2C** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2C** shall be 4 button + Off + Raise + Lower.
 面板 **CP-M2C** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 2 - Meeting Room 2D & 2E 二层 - 会议室2D & 2E
DATE : 10-May-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量		<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/</u> <u>PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
<u>Meeting Room 2D</u>							
M2D-01	5A/SO	1		100	100	T	Socket outlet for standing lamp
M2D-02	C12	11	M	4.8	52.8	LED	Concealed lights and artwork
M2D-03	F01	2		21	42	FL	Wardrobe/Cabinet lighting
M2D-04	F01	2		21	42	FL	Wardrobe/Cabinet lighting
M2D-11	C11	13.2	M	7.8	102.96	LED	Cove lighting
M2D-12	C11	31.8	M	7.8	248.04	LED	Coffer ceiling lighting
M2D-13	T01	12	M		-	T	Recessed Track
	-	3		500	1500	TLV	Track lighting provision
M2D-14	R15	2		50	100	TLV	Downlights
M2D-15	R15	2		50	100	TLV	Downlights
M2D-16	R15	2		50	100	TLV	Downlights
M2D-17	R15	2		50	100	TLV	Downlights
M2D-18	R15	2		50	100	TLV	Downlights
M2D-19	R15	2		50	100	TLV	Downlights
M2D-20	R21.2	2		35	70	TLV	Downlight to artwork display
M2D-21	R15.2	3		50	150	TLV	Downlights
				2907.8			
					13 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2D** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2D** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_M2D**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2D** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2D** shall be 4 button + Off + Raise + Lower.
 面板 **CP-M2D** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 2 - Meeting Room 2D & 2E 二层 - 会议室2D & 2E
DATE : 10-May-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Meeting Room 2E</u>							
M2E-01	5A/SO	1		100	100	T	D1 Socket outlet for decorative lamp
M2E-02	C12	6.5	M	15	97.5	LED	D2 Concealed lights ard art
M2E-03	F01	3		21	63	FL	D3 Cabinet lighting
M2E-04	F01	2		21	42	FL	MS Cabinet lighting
M2E-05	F01	1		21	21	FL	MS Cabinet lighting
M2E-11	C11	24	M	7.8	187.2	LED	D11 Cove lighting
M2E-12	C11	32	M	7.8	249.6	LED	D12 Coffe ceiling lighting
M2E-13	T01	12	M	4	-	T	D13 Recessed Track
	-	3		500	1500	TLV	- Track lighting provision
M2E-14	R15	6		50	300	TLV	D14 Downlights
M2E-15	R15	6		50	300	TLV	D15 Downlights
M2E-16	R15	2		50	100	TLV	D16 Downlights
M2E-17	R15	2		50	100	TLV	D17 Downlights
M2E-18	R21.2	2		50	100	TLV	D18 Downlights

3160.3

11 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2E** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2E** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_M2E**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2E** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2E** shall be 4 button + Off + Raise + Lower.
 面板 **CP-M2E** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 2 - Meeting Room 2F & 2G 二层 - 会议室2F & 2G
DATE : 10-May-12
REV. DATE : 2-Nov-12
REVISION : A

CCT. NO. 回路代号	FTG. REF. 灯具代号	QTY 数量		LOAD (W) 总负载 (瓦)	SOURCE 光源	CCT/ PHASE 回路控制 方式	NOTES 备注
Meeting Room 2F							
M2F-01	5A/SO	1		100	100	T	D1 Socket outlet for standing lamp
M2F-02	C12	12	M	4.8	57.6	LED	D2 Concealed lights Ard artwork
M2F-03	F01	1		21	21	FL	MS Wardrobe/Cabinet lighting
M2F-04	F01	1		21	21	FL	MS Wardrobe/Cabinet lighting
M2F-11	C11	42.5	M	7.8	331.5	LED	D11 Cove lighting
M2F-12	C11	38.8	M	7.8	302.64	LED	D12 Coffe ceiling lighting
M2F-13	T01	12	M		-	T	D13 Recessed Track
	-	3		500	1500	TLV	- Track lighting provision
M2F-14	R15	6		50	300	TLV	D14 Downlights
M2F-15	R15	6		50	300	TLV	D15 Downlights
M2F-16	R15	3		50	150	TLV	D16 Downlights
M2F-17	R15	3		50	150	TLV	D17 Downlights
M2F-18	R15	3		50	150	TLV	D18 Downlights
M2F-19	R15	3		50	150	TLV	D19 Downlights
M2F-20	R21.2	2		35	70	TLV	D20 Directional downlight
	R16.3	1		50	50	TLV	D20 Directional downlight
				3653.74	13 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2F** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2F** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_M2F**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2F** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2F** shall be 4 button + Off + Raise + Lower.
 面板 **CP-M2F** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 2 - Meeting Room 2F & 2G 二层 - 会议室2F & 2G
DATE : 10-May-12
REV. DATE : 2-Nov-12
REVISION : A

CCT. NO. 回路代号	FTG. REF. 灯具代号	QTY 数量		LOAD (W) 总负载 (瓦)	SOURCE 光源	CCT/ PHASE 回路控制 方式	NOTES 备注
Meeting Room 2G							
M2G-01	5A/SO	1		100	100	T	D1 Socket outlet for decorative lamp
M2G-02	C11	12	M	4.8	57.6	LED	D2 Concealed linear lights (Wall)
M2G-03	F01	1		21	21	FL	MS Cabinet lighting
M2G-04	F01	1		21	21	FL	MS Cabinet lighting
M2G-11	C11	42.4	M	7.8	330.72	LED	D11 Cove lighting
M2G-12	C11	37.7	M	7.8	294.06	LED	D12 Coffered ceiling lighting
M2G-13	T01	12	M		-	T	D13 Recessed Track
	-	3		500	1500	TLV	- Track lighting provision
M2G-14	R15	6		50	300	TLV	D14 Downlights
M2G-15	R15	6		50	300	TLV	D15 Downlights
M2G-16	R15	3		50	150	TLV	D16 Downlights
M2G-17	R15	3		50	150	TLV	D17 Downlights
M2G-18	R15	3		50	150	TLV	D18 Downlights
M2G-19	R15	3		50	150	TLV	D19 Downlights
M2G-20	R21.2	2		35	70	TLV	D20 Downlights
				3594.38	12 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2G** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2G** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_M2G**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2G** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2G** shall be 4 button + Off + Raise + Lower.
 面板 **CP-M2G** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Meeting Room 2H 二层 - 会议室2H

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载(瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Meeting Room 2HA

M2HA-01	5A/SO	1	100	100	T	D1	Socket outlet for decorative lamp
M2HA-02	C12	6	M 7.8	46.8	LED	D2	Concealed Light ard artwork
M2HA-11	C11	13	M 7.8	101.4	LED	D11	Cove lighting
M2HA-12	C11	24.8	M 7.8	193.44	LED	D12	Coffer ceiling lighting
M2HA-13	T01	12	M		T	D13	Recessed Track
		4	500	2000	TLV	-	Track lighting provision
M2HA-14	R15	2	50	100	TLV	D14	Downlights
M2HA-15	R15	2	50	100	TLV	D15	Downlights
M2HA-16	R15	6	50	300	TLV	D16	Downlights
M2HA-17	R15	6	50	300	TLV	D17	Downlights
M2HA-20	R21.2	1	35	35	TLV	D20	Downlight to artwork display

3276.64

10 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2H** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2HA** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_M2H**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2HA** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2HA** shall be 4 button + Off + Raise + Lower.
面板 **CP-M2HA** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Meeting Room 2H 二层 - 会议室2H

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载(瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Meeting Room 2HB

M2HB-01	5A/SO	1	100	100	T	D1	Socket outlet for decorative lamp
M2HB-02	C12	6	M 4.8	28.8	LED	D2	Concealed Light and artwork
M2HB-03	F01	2	21	42	FL	MS	Wardrobe/Cabinet lighting
M2HB-04	F01	2	21	42	FL	MS	Wardrobe/Cabinet lighting
M2HB-11	C11	16.8	M 7.8	131.04	LED	D11	Cove lighting
M2HB-12	C11	26.6	M 15	399	LED	D12	Coffer ceiling lighting
M2HB-13	T01	12	M		T	D13	Recessed Track
		4	500	2000	TLV	-	Track lighting provision
M2HB-14	R15	8	50	400	TLV	D14	Downlights
M2HB-15	R15	8	50	400	TLV	D15	Downlights
M2HB-16	R15	2	50	100	TLV	D16	Downlights
M2HB-17	R15	2	50	100	TLV	D17	Downlights
M2HB-18	R21.2	1	35	35	TLV	D18	Downlights

3777.84

10 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_M2H** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-M2HB** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_M2H**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-M2HB** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-M2HA** shall be 4 button + Off + Raise + Lower.
面板 **CP-M2HA** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Business Centre 二层 - 商务中心

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Business Centre</u>							
BC-01	5A/SO	4		100	400	T	D1 Socket outlet for table lamps
BC-02	C12	4	M	4.8	19.2	LED	D2 Concealed lighting for Niche
BC-03	C12	4.5	M	4.8	21.6	LED	D3 Concealed lighting for Niche
BC-31	F01	2		21	42	FL	LSW BOH Pantry
BC-11	C11	27	M	7.8	210.6	LED	D11 Coffe ceiling lighting
BC-12	R17	5		50	250	TLV	D12 General Downlights
BC-13	R17	5		50	250	TLV	D13 General Downlights
BC-14	R16	5		50	250	TLV	D14 Directional downlight to artefacts
BC-15	R17	5		50	250	TLV	D15 General Downlights
BC-16	R16	3		50	150	TLV	D16 Directional downlight to artwork
BC-21	R13.2	3		50	150	TLV	D21 Wallwashers
BC-22	R15	5		50	250	TLV	D22 Downlights
BC-23	R15	5		50	250	TLV	D23 Downlights
BC-24	C11	24	M	7.8	187.2	LED	D24 Cove lighting
				<u>2680.6</u>	<u>13 DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_BC** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-BC1 & CP-BC2** (linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_BC**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-BC1 & CP-BC2** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_BC1 & CP-BC2** shall be 4 button + Off + Raise + Lower.
面板 **CP-BC** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Junior Ballroom 二层 - 小宴会厅

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Junior Ballroom 1

JB1-01	DS	5	100	500	T	D1	Decorative wall sconces
JB1-11	R18	12	60	720	TLV	D11	General Downlights
JB1-12	R18	14	60	840	TLV	D12	General Downlights
JB1-13	R18	8	60	480	TLV	D13	General Downlights
JB1-14	R18	12	60	720	TLV	D14	General Downlights
JB1-15	R18	14	60	840	TLV	D15	General Downlights
JB1-16	R18.2	32	35	1120	CDMR	NON-DIM	Metal Halide Downlights
JB1-17	R18.2	4	35	140	CDMR	NON-DIM	Metal Halide Downlights
JB1-18	R18.3	8	65	520	TLV	D18	Directional downlight to dining table
JB1-19	R18.3	8	65	520	TLV	D19	Directional downlight to dining table
JB1-20	R18.3	8	65	520	TLV	D20	Directional downlight to dining table
JB1-21	R18.3	8	65	520	TLV	D21	Directional downlight to dining table
JB1-22	DP	1	2000	2000	T	D22	Decorative Pendant
JB1-23	DP	1	2000	2000	T	D23	Decorative Pendant
JB1-24	C11	122.2	M	7.8	953.16	LED	Cove lightings
JB1-25	C11	70	M	7.8	546	LED	Cove lightings
JB1-26	R15.2	6	50	300	TLV	D26	Downlights (To BOH)

13239.16

15 DIMMED GROUPS



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 2 - Junior Ballroom 二层 - 小宴会厅

DATE : 10-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载(瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Junior Ballroom 2

JB2-01	DS	5	100	500	T	D1	Decorative wall sconces
JB2-11	R18	12	60	720	TLV	D11	General Downlights
JB2-12	R18	14	60	840	TLV	D12	General Downlights
JB2-13	R18	8	60	480	TLV	D13	General Downlights
JB2-14	R18	12	60	720	TLV	D14	General Downlights
JB2-15	R18	14	60	840	TLV	D15	General Downlights
JB2-16	R18.2	32	35	1120	CDMR	NON-DIM	Metal Halide Downlights
JB2-17	R18.2	4	35	140	CDMR	NON-DIM	Metal Halide Downlights
JB2-18	R18.3	8	65	520	TLV	D18	Directional downlight to dining table
JB2-19	R18.3	8	65	520	TLV	D19	Directional downlight to dining table
JB2-20	R18.3	8	100	800	TLV	D20	Directional downlight to dining table
JB2-21	R18.3	8	100	800	TLV	D21	Directional downlight to dining table
JB2-22	DP	1	2000	2000	T	D25	Decorative Pendant
JB2-23	DP	1	2000	2000	T	D26	Decorative Pendant
JB2-24	C11	121	m	7.8	943.8	LED	Cove lightings
JB2-25	C11	70	m	7.8	546	LED	Cove lightings
JB2-26	R15.2	6	50	300	TLV	D26	Downlights (To BOH)

13789.8

15 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_JB** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-JB1/JB1.1 & CP-JB2/JB2.1**

以上所有回路都连至灯控系统控制架的安装位置**DR_JB**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-JB1/JB1.1 & CP-JB2/JB2.1** 手控超越控制 (与七天天文时钟连接)。

Note: Control Pane **CP-JB, CP-JB1/JB1.1 & CP-JB2/JB2.1** shall be 8 button + Off + Raise + Lower.
面板 **CP-JB, CP-JB1/JB1.1 & CP-JB2/JB2.1** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

A Partition linking Switch is to be provided between Junior ballroom 1 & 2

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Lift Lobby 2 二层 - 电梯厅2

DATE : 25-May-12

REV. DATE :	2-Nov-12								
REVISION :	A								

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>			<u>LOAD</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>			<u>负载</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Lift Lobby 2</u>								
LL2-01	C12	25.2	M	4.8	120.96	LED	D1	Concealed lighting
LL2-11	C11	22	M	7.8	171.6	LED	D11	Cove lighting
LL2-12	R15	18		50	900	TLV	D12	Downlights to lift door
LL2-13	R14	14		50	700	TLV	D13	Downlights to feature wall
					1892.56	3 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L3** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L3**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L3** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L3** shall be 8 button + Off + Raise + Lower.

面板 **CP-L3** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.

机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant

机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 3 - Corridor & Circulation 3 三层 - 会议区走廊3
DATE : 25-May-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>	
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>负载</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>	
<u>Corridor & Circulation 3</u>								
CC3-02	C11	9.7	M	7.8	75.66	LED	D2	conceal uplight to balconies
CC3-04	C12	12.4	M	4.8	59.52	LED	D4	Concealed lighting at lift
CC3-11	C11	101	M	7.8	787.8	LED	D11	Cove lightings
CC3-12	C11	105	M	15	1575	LED	D12	Cove lightings
CC3-13	C11	176	M	15	2640	LED	D13	Cove lightings
CC3-14	C11	182	M	15	2730	LED	D14	Cove lightings
CC3-15	C11	52	M	15	780	LED	D15	Cove lightings
CC3-16	R18	15		60	900	TLV	D16	General Downlights
CC3-17	R18.2	10		35	350	CDMR	NON-DIM	Metal Halide Downlights
CC3-18	R18	18		100	1800	TLV	D18	General Downlights
CC3-19	R18.2	12		35	420	CDMR	NON-DIM	Metal Halide Downlights
CC3-20	R18	28		100	2800	TLV	D20	General Downlights
CC3-21	R18.2	14		35	490	CDMR	NON-DIM	Metal Halide Downlights
CC3-22	R18.3	21		100	2100	TLV	D22	Directional spots to art
CC3-23	R14	113		35	3955	TLV	D23	Close-ctr downlights in slot @ walls
CC3-24	R14	64		35	2240	TLV	D24	Close-ctr downlights in slot @ doors
CC3-25	R15	36		50	1800	TLV	D25	General downlights
CC3-26	R15.2	9		50	450	TLV	D26	Downlights to lift lobby

25952.98

17 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CC3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CC3** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CC3**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CC3** 手控超越控制 (与七天天文时钟连接)

Note: Control Panel **CP_CC3** shall be 8 button + Off + Raise + Lower.
面板 **CP-CC3** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

CCT. NO.	FTG. REF.	QTY	LOAD (W)	SOURCE	CCT/ PHASE	NOTES
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制 方式	备注

L3 Chinese restaurant circulation

CR3-01	5A/SO	2	100	200	T	D1	Socket for decorative table lamps
CR3-02	C12	2.1	M 4.8	10.08	LED	D2	Reception counter light
CR3-03	C12	16	M 4.8	76.8	LED	D3	Display shelf Conceal light
CR3-04	5A/SO	2	100	200	T	D4	Socket for decorative floor lamps
CR3-05	C12	5	4.8	24	TLV	D5	Water feature light
CR3-06	X01	15	50	750	TLV	D6	Water uplight
CR3-07	C12	50	M 4.8	240	LED	D7	Water feature floor cove
CR3-08	C12	16	M 4.8	76.8	LED	D8	Backlit panels
CR3-11	R15	3	50	150	TLV	D11	Reception downlights
CR3-12	R13.2	10	50	500	TLV	D12	Wallwasher to art at reception
	R16	2	50	100	TLV	D12	Wallwasher to art at reception
CR3-13	C11	198	7.8	1544.4	LED	D13	Cove light along corridor
CR3-14	C11	47.5	7.8	370.5	LED	D14	Cove light above water feature
CR3-15	DP	1	1000	1000	T	D15	Decorative pendant at water feature
CR3-16	DP	2	1000	2000	T	D16	Decorative pendant at water feature
CR3-17	R14	24	50	1200	TLV	D17	General lighting along circulation
	R16	21	50	1050	TLV	D17	General lighting along circulation
	R15.2	6	50	300	TLV	D17	General lighting along circulation
				9792.58	15 DIMMED GROUPS		

Ala carte area

CR3-21	DP	1	1000	1000	T	D21	Decorative pendant
CR3-22	DP	3	600	1800	T	D22	Decorative pendant
CR3-23	C11	44.5	M 7.8	347.1	LED	D23	Cove lighting
CR3-24	R16.3	6	50	300	LED	D24	Table spotlights
CR3-25	R13.2	6	50	300	TLV	D25	Screen Wallwasher
CR3-26	R16.3	6	50	300	TLV	D26	Dining table downlight
CR3-27	R15.2	3	50	150	TLV	D27	General lighting
CR3-28	R16	3	50	150	TLV	D28	Artwork lighting
CR3-29	C11	22	7.8	171.6	LED	D29	Dining area cove

24103.86 **9 DIMMED GROUPS**



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/ PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制 方式</u>	<u>备注</u>

Toilets

CR3-31	C12	16	M 4.8	76.8	LED	D31	Mirror light
CR3-32	C12	16	M 4.8	76.8	LED	D32	Mirror light
CR3-41	C11	9	M 7.8	70.2	LED	D41	Cove lighting
CR3-42	R15.2	2	50	100	TLV	D42	General lighting
CR3-43	R15.2	1	50	50	TLV	LSW	General lighting - Store
CR3-44	C11	9	M 7.8	70.2	LED	D44	Cove lighting
CR3-45	R15.2	10	50	500	TLV	D45	General lighting
CR3-46	C11	12	M 7.8	93.6	LED	D46	Cove lighting
CR3-47	R15.2	9	50	450	TLV	D47	General lighting

1487.6

8 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CR** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CR** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_CR** shall be 8 button + Off + Raise + Lower.
面板 **CP-CR** 应包括8个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/ PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

L3 Chinese restaurant Grand VIP room

CVIP-01	5A/SO	4		100	400	T	D1	Decorative table lamp
CVIP-02	C12	8	M	4.8	38.4	LED	D2	Cabinet lighting
CVIP-03	C12	2.5	M	4.8	12	LED	MS	Wardrobe light
CVIP-04	C12	3.2	M	4.8	15.36	LED	LSW	Pantry Light
	R15	2		50	100	TLV	LSW	Pantry Downlight
CVIP-06	X02	2		50	100	TLV	D6	Artefact uplight
CVIP-07	5A/SO	6		100	600	T	D7	Socket outlet provision
CVIP-08	X02	3		50	150	TLV	D8	Uplight for art
CVIP-11	R15.2	5		50	250	TLV	D11	General downlights
CVIP-12	C11	16	M	7.8	124.8	LED	D12	Cove lighting
CVIP-13	C11	10	M	7.8	78	LED	D13	Cove lighting
CVIP-14	R15.2	4		50	200	TLV	D14	Counter lighting
VIP-21	DP	1		2000	2000	T	D1	Decorative Pendant
VIP-22	R11.5	10		60	600	TLV	D2	Remote Control Lights
VIP-23	R11.5	10		60	600	TLV	D3	Remote Control Lights
VIP-24	R11.5	10		60	600	TLV	D4	Remote Control Lights
VIP-25	R11.5	10		60	600	TLV	D5	Remote Control Lights
VIP-26	C11	6	M	7.8	46.8	LED	D6	Artwork light cove

4446.8

15 Dimming groups

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CVIP** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CVIP**手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_CVIP** shall be 4 button + Off + Raise + Lower.
面板 **CP-CVIP** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量	<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
-------------------------	--------------------------	------------------	----------------------------	---------------------	---------------------------------	--------------------

L3 PDR1/Waiting Lounge

CWL-01	5A/SO	2	100	200	T	D1	Decorative table lamp
CWL-02	C12	1.9	M 4.8	9.12	LED	LSW	Pantry light
	R15.2	2	50	100	TLV	LSW	Pantry light
CWL-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CWL-12	C11	32	M 7.8	249.6	LED	D12	Cove lighting
CWL-13	R14	14	35	490	TLV	D13	General lighting
	R16	1	50	50	TLV	D13	General lighting
	R15.2	2	50	100	TLV	D13	General lighting
	R16.3	2	50	100	TLV	D13	General lighting
	R15	1	50	50	TLV	D13	General lighting
CWL-14	R16.3	5	50	250	TLV	D14	Dining table downlight

2598.72

5 Dimming groups

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-WL** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CPWL**手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_WL** shall be 4 button + Off + Raise + Lower.
 面板 **CP-WL** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L3 - PDR 2

CPR2-01	5A/SO	2	100	200	T	D1	Decorative table lamp
CPR2-02	C12	1.9	M 4.8	9.12	LED	LSW	Pantry light
	R15.2	2	50	100	TLV	LSW	Pantry light
CPR2-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CPR2-12	C11	21	M 7.8	163.8	LED	D12	Cove lighting
CPR2-13	R14	27	35	945	TLV	D13	General lighting
	R16.3	2	50	100	TLV	D13	General lighting
	R15	1	50	50	TLV	D13	General lighting
	R15.2	2	50	100	TLV	D13	General lighting
CPR2-14	R16.3	4	50	200	TLV	D14	Table downlights
			<u>2867.92</u>	<u>5 Dimming groups</u>			

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR2** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR2** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-CPR2** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR2** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>		<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>		<u>光源</u>	<u>回路控制</u>	<u>方式</u>	<u>备注</u>

L3-PDR3

CPR3-01	5A/SO	2		100	200	T	D1	Decorative table lamp
CPR3-02	C12	1.4	M	4.8	6.72	LED	LSW	Pantry light
CPR3-03	C12	1.7	M	4.8	8.16	LED	LSW	Powder Rm lights
	R15	1		50	50	TLV	LSW	Powder Rm lights
CPR3-11	DP	1		1000	1000	LED	D11	"Fan" decorative pendant
CPR3-12	C11	21.5	M	7.8	167.7	LED	D12	Cove lighting
CPR3-13	R16.3	2		50	100	TLV	D13	General lighting
	R15.2	2		50	100	TLV	D13	General lighting
	R15	1		50	50	TLV	D13	General lighting
CPR3-14	R16.3	5		50	250	TLV	D14	Dining table downlight
CPR3-15	R14	14		35	490	TLV	D15	Artwork lighting
	R16	3		50	150	TLV	D15	Artwork lighting

2572.58

6 Dimming groups

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR3** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR3** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-CPR3** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR3** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L3- PDR5

CPR5-01	5A/SO	2	100	200	T	D1	Decorative table lamp
CPR5-02	C12	1.3	M 4.8	6.24	LED	MS	Wardrobe
	C12	2.4	M 4.8	11.52	LED	LSW	Pantry light
CPR5-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CPR5-12	C11	20.5	M 7.8	159.9	LED	D12	Cove lighting
CPR5-13	R16.3	2	50	100	TLV	D13	General lighting
	R15.2	3	50	150	TLV	D13	Dining table downlight
	R15	1	50	50	TLV	D13	Pantry light
CPR5-14	R16.3	4	50	200	TLV	D14	Table spotlights
CPR5-15	R14	32	35	1120	TLV	D15	Artwork lighting
	R16	1	50	50	TLV	D15	Artwork lighting
			<u>3047.66</u>	<u>6 Dimming groups</u>			

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR5** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-CPR5** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR5** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量	<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
-------------------------	--------------------------	------------------	----------------------------	---------------------	---------------------------------	--------------------

L3-PDR6

CPR6-01	5A/SO	2	100	200	T	D1	Decorative table lamp
CPR6-02	C12	1.8	M 4.8	8.64	LED	MS	Wardrobe
CPR6-03	C12	5.4	M 4.8	25.92	LED	LSW	Pantry light
	R15	3	50	150	TLV	LSW	Pantry light
CPR6-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CPR6-12	C11	20.5	M 7.8	159.9	LED	D12	Cove lighting
CPR6-13	R16.3	2	50	100	TLV	D13	General lighting
	R15.2	3	50	150	TLV	D13	Dining table downlight
	R15	1	50	50	TLV	D13	Pantry light
CPR6-14	R16.3	4	50	200	TLV	D14	Table spotlights
CPR6-15	R14	27	35	945	TLV	D15	Artwork lighting
	R16	3	50	150	TLV	D15	Artwork lighting
				<u>3139.46</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR6** (linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR6** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-CPR6** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR6** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L3-PDR7

CPR7-01	5A/SO	1	100	100	T	D1	Decorative table lamp
CPR7-02	C12	1.6	M 4.8	7.68	LED	MS	Wardrobe
CPR7-03	C12	2.5	M 4.8	12	LED	LSW	Pantry light
	R15	2	50	100	TLV	LSW	Pantry light
CPR7-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CPR7-12	C11	26	M 7.8	202.8	LED	D12	Cove lighting
CPR7-13	R15	1	50	50	TLV	D13	General lighting
	R16.3	3	50	150	TLV	D13	Dining table downlight
CPR7-14	R16.3	5	50	250	TLV	D14	Table spotlights
CPR7-15	R14	15	35	525	TLV	D15	Artwork lighting
	R16	2	50	100	TLV	D15	Artwork lighting
				<u>2497.48</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR7** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR7** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-CPR7** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR7** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量	<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
-------------------------	--------------------------	------------------	----------------------------	---------------------	---------------------------------	--------------------

L3-PDR8A

CPR8A-01	C12	0.8	M 4.8	3.84	LED	MS	Wardrobe
CPR8A-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CPR8A-12	R14	13	35	455	TLV	D12	Artwork lighting
	R16	2	50	100	TLV	D12	Artwork lighting
	R16.3	2	50	100	TLV	D12	Dining table downlight
CPR8A-13	R16.3	2	50	100	TLV	D13	General downlight
	R15	1	50	50	TLV	D13	General lighting

1808.84

3 Dimming groups

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR8A** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR8A** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-CPR8A** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR8A** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量	<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
-------------------------	--------------------------	------------------	----------------------------	---------------------	---------------------------------	--------------------

L3-PDR8B

CPR8B-01	C12	0.9	M 4.8	4.32	LED	MS	Wardrobe
CPR8B-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CPR8B-12	R14	13	35	455	TLV	D12	Artwork lighting
	R16	2	50	100	TLV	D12	Artwork lighting
	R16.3	2	50	100	TLV	D12	Dining table downlight
CPR8B-13	R16.3	2	50	100	TLV	D13	General downlight
	R15	1	50	50	TLV	D13	General lighting

1809.32

3 Dimming groups

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR8B** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR8B** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-CPR8B** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR8B** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量	<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
-------------------------	--------------------------	------------------	----------------------------	---------------------	---------------------------------	--------------------

L3-PDR8C

CPR8C-01	C12	0.9	M 4.8	4.32	LED	MS	Wardrobe
CPR8C-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CPR8C-12	R14	13	35	455	TLV	D12	Artwork lighting
	R16	2	50	100	TLV	D12	Artwork lighting
	R16.3	2	50	100	TLV	D12	Dining table downlight
CPR8C-13	R16.3	2	50	100	TLV	D13	General downlight
	R15	1	50	50	TLV	D13	General lighting

1809.32

3 Dimming groups

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR8C** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR8C** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-CPR8C** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR8C** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 3 - Chinese restaurant 三层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量	<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/ PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
-------------------------	--------------------------	------------------	----------------------------	---------------------	---------------------------------	--------------------

L3-PDR9

CPR9-01	5A/SO	2	100	200	T	D1	Decorative table lamp
CPR9-02	C12	1.5	M 4.8	7.2	LED	MS	Wardrobe
CPR9-03	C12	1.5	M 4.8	7.2	LED	MS	Wardrobe
CPR9-04	R15.2	2	50	100	TLV	LSW	Pantry light
	C12	2.8	M 4.8	13.44	LED	LSW	Pantry light
CPR9-11	DP	1	1000	1000	LED	D11	"Fan" decorative pendant
CPR9-12	C11	31	M 7.8	241.8	LED	D12	Cove lighting
CPR9-13	R16.3	2	50	100	TLV	D12	General downlights
	R15	1	50	50	TLV	D12	General downlights
	R15.2	2	50	100	TLV	D13	General downlights
CPR9-14	R16.3	3	50	150	TLV	D14	Table Spotlights
CPR9-15	R14	14	35	490	TLV	D14	Artwork Lighting
	R16	2	50	100	TLV	D14	Artwork Lighting
				<u>2559.64</u>	<u>5 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR3** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CPR9** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR3** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CPR9** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-CPR9** shall be 4 button + Off + Raise + Lower.
面板 **CP-CPR9** 应包括 4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L4 Chinese restaurant circulation

CR-01	X01	12	50	600	TLV	D1	Water feature light
CR-02	C12	43.5	M 4.8	208.8	LED	D2	Fountain strip lights
CR-11	R16	13	50	650	TLV	D11	General downlights
	R14	23	50	1150	TLV	D11	General downlights
	R15	2	50	100	TLV	D11	General downlights
CR-12	DP	3	600	1800	LED	D12	Decorative pendant at corridor
CR-13	C11	225	M 7.8	1755	LED	D13	Cove lighting at corridor
CR-14	C11	80	M 7.8	624	LED	D14	Cove lighting at stairs
CR-15	R15.2	9	50	450	TLV	D15	Downlights at stairs
CR-16	DP	1	2000	2000	T	D16	Decorative pendant at stairs
CR-17	R16	2	50	100	TLV	D17	Downlight to art
	R14	42	35	1470	TLV	D17	Light slot to art
CR-18	C11	174	M 7.8	1357.2	LED	D18	Cove lighting at corridor
				<u>10907.8</u>	<u>10 DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-CR4** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-CR4** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_CR4** shall be 8 button + Off + Raise + Lower.
面板 **CP-CR4** 应包括8个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/ PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

L4-PDR1

D1-01	C12	1.7	M 4.8	8.16	LED	MS	Wardrobe
D1-02	5A/SO	2	100	200	T	D2	Decorative table lamps
D1-03	C12	3.5	M 4.8	16.8	LED	LSW	Pantry cabinet lights
	R15	2	50	100	TLV	LSW	Pantry downlights
D1-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D1-12	R16.3	5	50	250	TLV	D12	Dining table downlights
D1-13	R14	35	35	1225	TLV	D13	Artwork light slot
	R16	4	50	200	TLV	D13	Artwork spotlight
D1-14	R15.2	3	50	150	TLV	D14	Artwork lighting
	R16.3	2	50	100	TLV	D14	General Downlights
D1-15	C11	31	M 7.8	241.8	LED	D15	Cove lighting

4491.76

6 Dimming groups

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D1** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D1** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D1** shall be 4 button + Off + Raise + Lower.
 面板 **CP-D1** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L4-PDR2

D2-01	C12	1.7	M 4.8	8.16	LED	MS	Wardrobe
D2-02	5A/SO	2	100	200	T	D2	Decorative table lamps
D2-03	C12	2.2	M 4.8	10.56	LED	LSW	Pantry cabinet lights
	R15	1	50	50	TLV	LSW	Pantry downlights
D2-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D2-12	R16.3	3	50	150	TLV	D12	Dining table downlights
D2-13	R14	19	35	665	TLV	D13	Artwork light slot
	R16	2	50	100	TLV	D13	Artwork spotlight
D2-14	R15.2	2	50	100	TLV	D14	Artwork lighting
	R16.3	2	50	100	TLV	D14	General Downlights
D2-15	C11	21	M 7.8	163.8	LED	D15	Cove lighting
				<u>3547.52</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D2** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D2** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_D2** shall be 4 button + Off + Raise + Lower.
面板 **CP-D2** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L4-PDR3

D3-01	C12	1.7	M 4.8	8.16	LED	MS	Wardrobe
D3-02	5A/SO	2	100	200	T	D2	Decorative table lamps
D3-03	C12	2.2	M 4.8	10.56	LED	LSW	Pantry cabinet lights
	R15	1	50	50	TLV	LSW	Pantry downlights
D3-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D3-12	R16.3	3	50	150	TLV	D12	Dining table downlights
D3-13	R14	19	35	665	TLV	D13	Artwork light slot
	R16	4	50	200	TLV	D13	Artwork spotlight
D3-14	R15.2	2	50	100	TLV	D14	Artwork lighting
	R16.3	2	50	100	TLV	D14	General Downlights
D3-15	C11	23	M 7.8	179.4	LED	D15	Cove lighting
				<u>3663.12</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D3** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D3** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D3** shall be 4 button + Off + Raise + Lower.
面板 **CP-D3** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载(瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L4-PDR4

D4-01	C12	1.4	M 4.8	6.72	LED	MS	Wardrobe
D4-02	5A/SO	2	100	200	T	D2	Decorative table lamps
D4-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D4-12	R16.3	4	50	200	TLV	D12	Dining table downlights
D4-13	R14	14	35	490	TLV	D13	Artwork light slot
	R16	4	50	200	TLV	D13	Artwork spotlight
D4-14	R15.2	2	50	100	TLV	D14	Artwork lighting
	R16.3	3	50	150	TLV	D14	General Downlights
D4-15	C11	25	M 7.8	195	LED	D15	Cove lighting
				<u>3541.72</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D4** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D4** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D4** shall be 4 button + Off + Raise + Lower.
面板 **CP-D4** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L4-PDR5

D5-01	C12	1.4	M 4.8	6.72	LED	MS	Wardrobe
D5-02	5A/SO	2	100	200	T	D2	Decorative table lamps
D5-03	C12	2.4	M 4.8	11.52	LED	LSW	Pantry cabinet lights
	R15	2	50	100	TLV	LSW	Pantry downlights
D5-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D5-12	R16.3	3	50	150	TLV	D12	Dining table downlights
D5-13	R14	15	35	525	TLV	D13	Artwork light slot
	R16	2	50	100	TLV	D13	Artwork spotlight
D5-14	R15.2	3	50	150	TLV	D14	Artwork lighting
	R16.3	2	50	100	TLV	D14	General Downlights
D5-15	C11	9	M 7.8	70.2	LED	D15	Cove lighting
				<u>3413.44</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D5** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D5** shall be 4 button + Off + Raise + Lower.
面板 **CP-D5** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/ PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

L4-PDR6

D6-01	C12	1.3	M 4.8	6.24	LED	MS	Wardrobe
D6-02	5A/SO	2	100	200	T	D2	Decorative table lamps
D6-03	C12	5.4	M 4.8	25.92	LED	LSW	Pantry cabinet lights
	R15	3	50	150	TLV	LSW	Pantry downlights
D6-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D6-12	R16.3	4	50	200	TLV	D12	Dining table downlights
D6-13	R14	31	35	1085	TLV	D13	Artwork light slot
	R16	2	50	100	TLV	D13	Artwork spotlight
D6-14	R15.2	2	50	100	TLV	D14	General Downlights
	R16.3	2	50	100	TLV	D14	General Downlights
	R15	1	50	50	TLV	D14	General Downlights
D6-15	C11	19	M 7.8	148.2	LED	D15	Cove lighting
				<u>4165.36</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D6** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D6** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D6** shall be 4 button + Off + Raise + Lower.
 面板 **CP-D6** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/ PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制 方式</u>	<u>备注</u>

L4-PDR7

D7-01	C12	1.8	M 4.8	8.64	LED	MS	Wardrobe
D7-02	5A/SO	2	100	200	T	D2	Decorative table lamps
D7-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D7-12	R16.3	5	50	250	TLV	D12	Dining table downlights
D7-13	R14	28	35	980	TLV	D13	Artwork light slot
	R16	3	50	150	TLV	D13	Artwork spotlight
D7-14	R15.2	1	50	50	TLV	D14	General Downlights
	R16.3	2	50	100	TLV	D14	General Downlights
	R15	1	50	50	TLV	D14	General Downlights
D7-15	C11	19	M 7.8	148.2	LED	D15	Cove lighting
				<u>3936.84</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D7** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D7** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D7** shall be 4 button + Off + Raise + Lower.
面板 **CP-D7** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/ PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

L4-PDR8

D8-01	C12	2.1	M 4.8	10.08	LED	MS	Wardrobe
D8-02	5A/SO	2	100	200	T	D2	Decorative table lamps
D8-03	C12	2.2	M 4.8	10.56	LED	LSW	Pantry cabinet lights
	R15	2	50	100	TLV	LSW	Pantry downlights
D8-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D8-12	R16.3	4	50	200	TLV	D12	Dining table downlights
D8-13	R14	15	35	525	TLV	D13	Artwork light slot
	R16	2	50	100	TLV	D13	Artwork spotlight
D8-14	R15.2	2	50	100	TLV	D14	General Downlights
	R16.3	2	50	100	TLV	D14	General Downlights
	R15	1	50	50	TLV	D14	General Downlights
D8-15	C11	20.3	M 7.8	158.34	LED	D15	Cove lighting
				<u>3553.98</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D8** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D8** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D8** shall be 4 button + Off + Raise + Lower.
 面板 **CP-D8** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L4-PDR9

D9-01	C12	1.5	M	4.8	7.2	LED	MS	Wardrobe
D9-02	5A/SO	1		100	100	T	D2	Decorative table lamps
D9-03	C12	2.4	M	4.8	11.52	LED	LSW	Pantry cabinet lights
	R15	2		50	100	TLV	LSW	Pantry downlights
D9-11	DP	1		2000	2000	T	D11	"Fan" decorative pendant
D9-12	R16.3	5		50	250	TLV	D12	Dining table downlights
D9-13	R14	25		35	875	TLV	D13	Artwork light slot
	R16	3		50	150	TLV	D13	Artwork spotlight
D9-14	R15.2	2		50	100	TLV	D14	General Downlights
	R16.3	2		50	100	TLV	D14	General Downlights
	R15	1		50	50	TLV	D14	General Downlights
D9-15	C11	27	M	7.8	210.6	LED	D15	Cove lighting
				<u>3954.32</u>	<u>6 Dimming groups</u>			

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D9** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D9** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D9** shall be 4 button + Off + Raise + Lower.
 面板 **CP-D9** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

CCT. NO.	FTG. REF.	QTY	LOAD (W)	SOURCE	CCT/ PHASE	NOTES
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

L4-PDR10

D10-01	C12	1.5	M	4.8	7.2	LED	MS	Wardrobe
D10-02	C12	1.5	M	4.8	7.2	LED	MS	Wardrobe
D10-03	5A/SO	2		100	200	T	D2	Decorative table lamps
D10-04	C12	2.7	M	4.8	12.96	LED	LSW	Pantry cabinet lights
	R15	2		50	100	TLV	LSW	Pantry downlights
D10-11	DP	1		2000	2000	T	D11	"Fan" decorative pendant
D10-12	R16.3	3		50	150	TLV	D12	Dining table downlights
D10-13	R14	14		35	490	TLV	D13	Artwork light slot
	R16	2		50	100	TLV	D13	Artwork spotlight
D10-14	R15.2	2		50	100	TLV	D14	General Downlights
	R16.3	2		50	100	TLV	D14	General Downlights
	R15	1		50	50	TLV	D14	General Downlights
D10-15	C11	27	M	7.8	210.6	LED	D15	Cove lighting
				<u>3527.96</u>	<u>6 Dimming groups</u>			

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D10** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D10** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_D10** shall be 4 button + Off + Raise + Lower.
面板 **CP-D10** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

CCT. NO.	FTG. REF.	QTY	LOAD (W)	SOURCE	CCT/ PHASE	NOTES
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

L4-PDR11

D11-01	C12	1.3	M 4.8	6.24	LED	MS	Wardrobe
D11-02	5A/SO	1	100	100	T	D2	Decorative table lamps
	C12	2.7	M 4.8	12.96	LED	LSW	Pantry cabinet lights
D11-03	C12	2.1	M 50	105	TLV	LSW	Pantry downlights
	R15	1	50	50	TLV	LSW	Pantry downlights
D11-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D11-12	R16.3	3	50	150	TLV	D12	Dining table downlights
D11-13	R14	17	35	595	TLV	D13	Artwork light slot
	R16	3	50	150	TLV	D13	Artwork spotlight
D11-14	R15.2	3	50	150	TLV	D14	General Downlights
	R16.3	2	50	100	TLV	D14	General Downlights
	R15	1	50	50	TLV	D14	General Downlights
D11-15	C11	16	M 7.8	124.8	LED	D15	Cove lighting
				<u>3594</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D11** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D11** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_D11** shall be 4 button + Off + Raise + Lower.
面板 **CP-D11** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

CCT. NO. 回路代号	FTG. REF. 灯具代号	QTY 数量	LOAD (W) 总负载 (瓦)	SOURCE 光源	CCT/ PHASE 回路控制 方式	NOTES 备注
------------------	-------------------	-----------	---------------------	--------------	-----------------------------	-------------

L4-PDR12

D12-01	C12	1.3	M 4.8	6.24	LED	MS	Wardrobe
D12-02	5A/SO	1	100	100	T	D2	Decorative table lamps
D12-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D12-12	R16.3	3	50	150	TLV	D12	Dining table downlights
D12-13	R14	17	35	595	TLV	D13	Artwork light slot
	R16	2	50	100	TLV	D13	Artwork spotlight
D12-14	R15.2	3	50	150	TLV	D14	General Downlights
	R16.3	2	50	100	TLV	D14	General Downlights
	R15	1	50	50	TLV	D14	General Downlights
D12-15	C11	16	M 7.8	124.8	LED	D15	Cove lighting
				<u>3376.04</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D12** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D12** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D12** shall be 4 button + Off + Raise + Lower.
面板 **CP-D12** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

L4-PDR13

D13-01	C12	1.3	M 4.8	6.24	LED	MS	Wardrobe
D13-02	5A/SO	1	100	100	T	D2	Decorative table lamps
D13-03	C12	2.6	M 4.8	12.48	LED	LSW	Pantry cabinet lights
	R15	1	50	50	TLV	LSW	Pantry downlights
D13-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D13-12	R16.3	3	50	150	TLV	D12	Dining table downlights
D13-13	R14	17	35	595	TLV	D13	Artwork light slot
	R16	3	50	150	TLV	D13	Artwork spotlight
D13-14	R15.2	3	50	150	TLV	D14	General Downlights
	R16.3	2	50	100	TLV	D14	General Downlights
	R15	1	50	50	TLV	D14	General Downlights
D13-15	C11	16	M 7.8	124.8	LED	D15	Cove lighting
				<u>3488.52</u>	<u>6 Dimming groups</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D13** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D13** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D13** shall be 4 button + Off + Raise + Lower.
 面板 **CP-D13** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Chinese restaurant 四层 -中餐厅

DATE : 17-Aug-12

REV. DATE : 17-Dec-12

REVISION : A

CCT. NO. 回路代号	FTG. REF. 灯具代号	QTY 数量	LOAD (W) 总负载 (瓦)	SOURCE 光源	CCT/ PHASE 回路控制 方式	NOTES 备注
------------------	-------------------	-----------	---------------------	--------------	-----------------------------	-------------

L4-PDR14

D14-01	C12	1.3	M 4.8	6.24	LED	MS	Wardrobe
D14-02	5A/SO	1	100	100	T	D2	Decorative table lamps
D14-11	DP	1	2000	2000	T	D11	"Fan" decorative pendant
D14-12	R16.3	3	50	150	TLV	D12	Dining table downlights
D14-13	R14	17	35	595	TLV	D13	Artwork light slot
	R16	3	50	150	TLV	D13	Artwork spotlight
D14-14	R15.2	3	50	150	TLV	D14	General Downlights
	R16.3	2	50	100	TLV	D14	General Downlights
	R15	1	50	50	TLV	D14	General Downlights
D14-15	C11	15	M 7.8	117	LED	D15	Cove lighting
				3418.24	6 Dimming groups		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_CR4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-D14** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_CR4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-D14** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_D14** shall be 4 button + Off + Raise + Lower.
面板 **CP-D14** 应包括 4 个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 4 - Pre-function Area / Circulation 4 一楼大堂吧
DATE : 25-May-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量		<u>LOAD (W)</u> 总负载(瓦)	<u>SOURCE</u> 光源	<u>CCT/</u> <u>PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
Pre-function Area / Circulation 4							
PC4-01	JBOX	2		100	200	TLV	D1 Power provisions for lighting
	C12	9.6	M	4.8	46.08	LED	D1 Shelf lighting
PC4-03	5A/SO	4		100	400	T	D3 Socket Outlet for standing lamps
PC4-04	C12	19.2	M	4.8	92.16	LED	D4 Strip lighting
PC4-06	C12	20	M	4.8	96	LED	D6 Cove Lighting
PC4-07	JBOX	5		100	500	T	D7 Power provisions for Artefacts
PC4-11	C11	56.8	M	7.8	443.04	LED	D11 Cove Lightings
PC4-12	C11	60.8	M	7.8	474.24	TLV	D12 Cove Lightings
PC4-13	R15.3	9		50	450	TLV	D13 Downlights to lift lobby
PC4-14	R15.2	38		50	1900	TLV	D14 General Downlights
PC4-15	R19.3	6		70	420	CDMR	NON DIM Downlights in slot to L1 Atrium
	R19.4	3		70	210	CDMR	NON DIM Downlights in slot to L1 Atrium
PC4-16	R19.2	3		60	180	TLV	D16 Downlights in slot to L1 Atrium
	R19	6		60	360	TLV	D16 Downlights in slot to L1 Atrium
PC4-17	19.3	9		70	630	CDMR	NON DIM Downlights in slot to L2 Bridge
PC4-18	R19	9		60	540	TLV	D18 Downlights in slot to L2 Bridge
PC4-19	R19.3	3		70	210	TLV	CDMR NON DIM Downlights in slot to L1 A
	R19.4	6		70	420	TLV	CDMR NON DIM Downlights in slot to L1 A
PC4-20	R19.2	3		60	180	TLV	D20 Downlights in slot to L1 Atrium
	R19	6		60	360	TLV	D20 Downlights in slot to L1 Atrium
PC4-21	R15	15		50	750	TLV	D21 General Downlights
	R12.2	12		50	600	TLV	D21 General Downlights
PC4-26	R13.2	10		100	1000	TLV	D26 Wallwashers
PC4-30	C11	102	M	7.8	795.6	LED	D30 Cove lightings
PC4-31	C11	67	M	7.8	522.6	LED	D31 Cove lightings
PC4-32	R15.2	30		50	1500	TLV	D32 General Downlights
PC4-33	R15	15		50	750	TLV	D33 General Downlights
PC4-35	R15.2	6		50	300	TLV	D35 General Downlights
PC4-36	R14	38		35	1330	TLV	D36 Downlights in slot to ballroom door
PC4-37	R14	39		35	1365	TLV	D37 Downlights in slot to ballroom door
PC4-38	R14	38		35	1330	TLV	D38 Downlights in slot to ballroom door
PC4-41	TS01	5				-	Suspend track
	S01	30		60	1800	TLV	D41 Lights on suspended track
PC4-42	TS01	-		2000		-	Suspend track
	S02	15		70	1050	CDMR	NON-DIM Lights on suspended track
PC4-51	C11	110	M	7.8	858	LED	D51 Cove lighting at columns
				<u>22062.72</u>			
					<u>24 DIMMED GROUPS</u>		
					<u>4 NON DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_PC4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-PC4** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_PC4**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-PC4** 手控超越控制(与七天天文时钟连接)
 THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 4 - Pre-function Area / Circulation 4 一楼大堂吧
DATE : 25-May-12
REV. DATE : 2-Nov-12
REVISION :

2-Nov-12									
A									

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载(瓦)	光源	回路控制 方式	备注

Pre-function Area / Circulation 4

Note: Control Panel **CP_PC4** shall be 8 button + Off + Raise + Lower.
 面板 **CP-PC4** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Main Ballroom 一楼大堂吧

DATE : 25-May-12

REV. DATE :	2-Nov-12								
REVISION :	A								

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制方式</u>	<u>备注</u>

Main Ballroom 1

MB1-01	DS	1		100	100	T	D1	Decorative wall sconce
MB1-11	R18	8		60	480	TLV	D11	General Downlights
MB1-12	R18	8		60	480	TLV	D12	General Downlights
MB1-13	R18	8		60	480	TLV	D13	General Downlights
MB1-14	R18	8		60	480	TLV	D14	General Downlights
MB1-15	R18	8		60	480	TLV	D15	General Downlights
MB1-16	R18.2	28		35	980	CDMR	NON-DIM	Metal Halide Downlights
MB1-17	R18.2	2		35	70	CDMR	NON-DIM	Metal Halide Downlights
MB1-18	R18.3	4		65	260	TLV	D18	Directional downlights to dining table
MB1-19	R18.3	4		65	260	TLV	D19	Directional downlights to dining table
MB1-20	R18.3	8		65	520	TLV	D20	Directional downlights to dining table
MB1-21	R18.3	4		65	260	TLV	D21	Directional downlights to dining table
MB1-22	DP	1		2000	2000	T	D22	Decorative Pendant
MB1-23	DP	1		2000	2000	T	D23	Decorative Pendant
MB1-24	C11	111	M	7.8	865.8	LED	D24	Cove Lighting
MB1-25	C11	62	M	7.8	483.6	LED	D25	Cove Lighting
MB1-26	R15.2	4		50	200	TLV	D26	Downlights (to BOH)
MB1-27	R15.2	2		300	600	TLV	D27	Side Entrance Downlights

10999.4

16 DIMMED GROUPS

Main Ballroom 2

MB2-01	DS	2		100	200	T	D1	Decorative wall sconces
MB2-11	R18	8		60	480	TLV	D11	General Downlights
MB2-12	R18	8		60	480	TLV	D12	General Downlights
MB2-13	R18	8		60	480	TLV	D13	General Downlights
MB2-14	R18	8		60	480	TLV	D14	General Downlights
MB2-15	R18	8		60	480	TLV	D15	General Downlights
MB2-16	R18.2	28		35	980	CDMR	NON-DIM	Metal Halide Downlights
MB2-17	R18.2	2		35	70	CDMR	NON-DIM	Metal Halide Downlights
MB2-18	R18.3	4		100	400	TLV	D18	Directional downlights to dining table
MB2-19	R18.3	4		100	400	TLV	D19	Directional downlights to dining table
MB2-20	R18.3	8		100	800	TLV	D20	Directional downlights to dining table
MB2-21	R18.3	4		100	400	TLV	D21	Directional downlights to dining table
MB2-22	DP	1		2000	2000	T	D22	Decorative Pendant
MB2-23	D9	1		2000	2000	T	D23	Decorative Pendant
MB2-24	C11	111	M	7.8	865.8	LED	D24	Cove Lighting
MB2-25	C11	50	M	7.8	390	LED	D25	Cove Lighting
MB2-26	R15.2	4		50	200	TLV	D26	Downlights (to BOH)

11105.8

15 DIMMED GROUPS



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Main Ballroom 一楼大堂吧

DATE : 25-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

Main Ballroom 3

MB3-01	DS	1	100	100	T	D1	Decorative wall sconce
MB3-02	C12	22	M 4.8	105.6	LED	D2	Concealed strip lighting
MB3-11	R18	8	60	480	TLV	D11	General Downlights
MB3-12	R18	8	60	480	TLV	D12	General Downlights
MB3-13	R18	8	60	480	TLV	D13	General Downlights
MB3-14	R18	8	60	480	TLV	D14	General Downlights
MB3-15	R18	8	60	480	TLV	D15	General Downlights
MB3-16	R18.2	28	35	980	CDMR	NON-DIM	Metal Halide Downlights
MB3-17	R18.2	2	35	70	CDMR	NON-DIM	Metal Halide Downlights
MB3-18	R18.3	4	100	400	TLV	D18	Directional downlights to dining table
MB3-19	R18.3	4	100	400	TLV	D19	Directional downlights to dining table
MB3-20	R18.3	8	100	800	TLV	D20	Directional downlights to dining table
MB3-21	R18.3	4	100	400	TLV	D21	Directional downlights to dining table
MB3-22	DP	1	2000	2000	T	D22	Decorative Pendant
MB3-23	DP	1	2000	2000	T	D23	Decorative Pendant
MB3-24	C11	111	M 7.8	865.8	LED	D24	Cove Lighting
MB3-25	C11	62	M 7.8	483.6	LED	D25	Cove Lighting
MB3-26	R15.2	4	50	200	TLV	D26	Downlights (to BOH)

11205

16 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_MB1** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-MB1, CP-MB2 & CP-MB3** (linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_MB1**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-MB1, CP-MB2 & CP-MB3** 手控超越控制 (与七天天文时钟连接)

Note: Control Panel **CP-MB1, CP-MB2 & CP-MB3** shall be 8 button + Off + Raise + Lower.
面板 **CP-MB1, CP-MB2 & CP-MB3** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

A Partition linking Switch is to be provided between Junior ballroom 1 & 2

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Public Toilet 5 四层 - 洗手间5

DATE : 25-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Public Toilet 5

PT5-01	C12	30	M	4.8	144	LED	D1	Mirror Backlighting
PT5-11	C11	33	M	7.8	257.4	LED	D11	Cove lighting
PT5-12	R15.2	15		50	750	TLV	D12	General Downlights (Female)
PT5-13	R15.2	12		50	600	TLV	D13	General Downlights (Male)
PT5-14	R15.2	2		50	100	TLV	D14	General Downlights (handicap)
PT5-15	R15.2	1		50	50	TLV	LSW	General Downlight (Cleaner)
PT5-16	R15.2	2		50	100	TLV	D16	General Downlights

2001.4

6 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L4** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L4**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L4** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_L4** shall be 8 button + Off + Raise + Lower.
面板 **CP-L4** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Breakout 5 四层 - 接待处5

DATE : 25-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

Breakout 5

BO5-01	C12	32	M	4.8	153.6	LED	D1	Column concealed light
BO5-02	C12	6	M	4.8	28.8	LED	D2	Strip lights to shelves
BO5-03	C12	4.2	M	4.8	20.16	LED	D3	Backlit detail
BO5-04	C12	3	M	4.8	14.4	LED	D4	counter conceal lighting
BO5-11	C11	78	M	7.8	608.4	LED	D11	Cove lighting
BO5-12	C11	13	M	7.8	101.4	LED	D12	Column cove light
BO5-13	DP	1		500	500	T	D13	Decorative Pendant
BO5-14	R15	11		50	550	TLV	D14	Downlights
BO5-15	R15	22		50	1100	TLV	D15	Downlights
BO5-16	R14	31		35	1085	TLV	D16	Downlights to Entrance door

4161.76

10 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_BO5** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-BO5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_BO5**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-BO5** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_BO5** shall be 8 button + Off + Raise + Lower.

面板 **CP-BO5** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.

机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant

机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Lift Lobby 3 四层 - 电梯厅3

DATE : 25-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Lift Lobby 3

LL3-01	C12	40	M	4.8	192	LED	D1	Concealed lighting
LL3-11	C11	24	M	7.8	187.2	LED	D11	Cove lighting
LL3-12	R15.2	18		50	900	TLV	D12	Downlight to lift door
LL3-13	R14	14		35	490	TLV	D13	Downlights

1769.2

4 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L4** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L4**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L4** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_L4** shall be 8 button + Off + Raise + Lower.
面板 **CP-L4** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 4 - Typical VIP Lift Lobby (L2 & L4) 二&四层 - VIP 电梯厅
DATE : 25-May-12
REV. DATE : 2-Nov-12
REVISION : A

CCT. NO.	FTG. REF.	QTY	LOAD (W)	SOURCE	CCT/ PHASE	NOTES
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制 方式	备注
VIP Lift Lobby (L2 & L4)						
LLV-11	C11	10.8	M 7.8	84.24	LED	D1 Linear cove light
LLV-12	R15	6	50	300	TLV	D2 Wallwashers
				384.24	2 DIMMED GROUPS	

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L2 & DR_L4** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L2 & CP-L4** (linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_L2 & DR_L4** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L2 & CP-L4** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-L2 & CP-L4** shall be 8 button + Off + Raise + Lower.
面板 **CP-L2 & CP-L4** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 4 - Cloak Room 2 四层, 衣帽间2

DATE : 25-May-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Cloak Room 2

CR2-01	F03	12		28	336	FL	LSW	Wardrobe lightings
	F01	14		21	294	FL	LSW	Wardrobe lightings
CR2-02	C12	2	M	4.8	9.6	LED	LSW	Counter concealed lighting
CR2-06	R15.2	4		50	200	TLV	LSW	general downlights
CR2-11	C11	11.7	M	7.8	91.26	LED	LSW	Cove lighting
CR2-12	R15.2	3		50	150	TLV	LSW	Downlights above counter
	R13.2	4		50	200	TLV	LSW	Wallwashers behind counter

1280.86

All the above circuits are to be taken back to a convenient distribution board (GDB) and controlled by Local Switches (LSW).

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - Corridor & Circulation 5 五层 - 走廊5

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/ PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

Corridor & Circulation 5

CC5-01	JBOX	4	100	400	T	D1	Power provision for Artefacts
CC5-02	C11	10.2	M 7.8	79.56	LED	D2	conceal uplight to balconies
CC5-11	R15	38	50	1900	TLV	D11	General Downlights
CC5-13	R15.2	9	50	450	TLV	D13	Downlights to lift lobby
CC5-14	C11	29.7	M 7.8	231.66	LED	D14	Cove lighting

3061.22

5 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L5** 手控超越控制 (与七天天文时钟连接)

Note: Control Panel **CP_L5** shall be 8 button + Off + Raise + Lower.
面板 **CP-L5** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - Corridor & Circulation 7 五层 - 走廊7

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>		<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>	
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>		<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>	
<u>Corridor & Circulation7</u>								
CC7-01	5A/SO	2	100	200	T	D1	Socket outlet for table lamp	
CC7-04	JBOX	1	100	100	T	D4	Power provision for backwall lighting	
CC7-11	R15.2	4	50	200	TLV	D11	General downlights	
CC7-12	C16.3	6	48.8	292.8	LED	D12	LED recessed wallwashers	
	C16.4	2	24.4	48.8	LED	D12	LED recessed wallwashers	
CC7-13	R12	3	50	150	TLV	D13	Downlights over reception counter	
CC7-14	R15	4	50	200	TLV	LSW	General Downlights at store	
CC7-15	R12.2	4	50	200	TLV	D15	General Downlights	
CC7-16	R13	4	50	200	TLV	D16	Wallwashers	
	R13.2	1	50	50	TLV	D16	Wallwashers	
CC7-17	R12	2	50	100	TLV	D17	General downlights	
	R15.2	7	50	350	TLV	D17	General downlights	
	R16.3	1	50	50	TLV	D17	Adjustable downlights	
CC7-18	F05.2	5	140	700	FL	D18	Recessed light profile	
	F05.3	1	56	56	FL	D18	Recessed light profile	
CC7-19	C11	51.3	M	7.8	400.14	LED	D19	Cove light
CC7-20	R14	25	35	875	TLV	D20	Close center downlights	
				<u>4172.74</u>	<u>12 DIMMED GROUPS</u>			

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_5B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_5B**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L5** 手控超越控制 (与七天天文时钟连接)

Note: Control Panel **CP_L5** shall be 8 button + Off + Raise + Lower.
面板 **CP-L5** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - Corridor & Circulation 8 五层 - 走廊8

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制 方式	备注

Corridor & Circulation 8

CC8-01	JBOX	1	1000	1000	LED	NON-DIM	Power provision for integral lighting
CC8-11	C11	12.7	M	7.8	99.06	LED	D11 Ceiling Cove
CC8-12	R15	4	50	200	TLV	D12	General Downlights
CC8-13	JBOX	2	100	200	TLV	D13	Power provision

1299.06

2 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L5** 手控超越控制 (与七天天文时钟连接)

Note: Control Panel **CP_L5** shall be 8 button + Off + Raise + Lower.
面板 **CP-L5** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Gym & Aerobics Room 五层 - 健身房 & 体操室
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

CCT. NO. 回路代号	FTG. REF. 灯具代号	QTY 数量	LOAD (W) 总负载 (瓦)	SOURCE 光源	CCT/ PHASE 回路控制 方式	NOTES 备注
Gym						
GY-11	C11	18.2	M 7.8	141.96	LED	D11 Cove lighting
GY-13	F05	4	140	560	FL	D13 Recessed Ceiling Profile (Long)
	F05.2	3	56	168	FL	D13 Recessed Ceiling Profile (short)
869.96				3 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-GY** (linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_L5B**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-GY** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_GY** shall be 4 button + Off + Raise + Lower.
面板 **CP-GY** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Gym & Aerobics Room 五层 - 健身房 & 体操室
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Aerobics Room</u>							
AR-11	C11	6	M	7.8	46.8	LED	D11 Cove lighting
AR-13	F05	3		140	420	FL	D13 Recessed Ceiling Profile (Long)
				<u>466.8</u>	<u>2 DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP- AR** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L5B**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP- AR** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_AR** shall be 4 button + Off + Raise + Lower.
 面板 **CP-AR** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - Swimming Pool Area 五层 - 泳池区

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Swimming Pool Area

SWP-01	5A/SO	4		100	400	T	D1	Decorative Floor Lamp socket outlets
SWP-02	X04	5		300	1500	TLV	D2	Recessed Pool Light
SWP-03	X04	5		300	1500	TLV	D3	Recessed Pool Light
SWP-04	X03	9		50	450	TLV	D4	Recessed Pool Light
SWP-05	X03	3		50	150	TLV	D5	Recessed Jacuzzi Light
SWP-06	JBOX	5		100	500	TLV	D6	Power provision for artwk
SWP-11	C14	76.2	M	7.8	594.36	LED	D11	Cove lighting along corridor
SWP-12	R15	4		50	200	TLV	D12	General circulation downlights
	R20.2	2		50	100	TLV	D12	Shower downlight
SWP-13	C14	17.2	M	7.8	134.16	LED	D13	Shower cove lights
SWP-14	R15	2		50	100	TLV	D14	Handicap toilet downlight
SWP-15	R15.2	8		50	400	TLV	D15	General circulation downlights
SWP-16	R13.2	12		50	600	TLV	D16	Wallwashers
SWP-17	R17.2	6		50	300	TLV	D17	Downlights over Lounge Chairs
SWP-18	R13.2	16		50	800	TLV	D18	Wallwashers
SWP-19	R16.3	11		50	550	TLV	D19	General circulation downlights

8278.52

16 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5C** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5C**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L5** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L5** shall be 8 button + Off + Raise + Lower.
面板 **CP-L5** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - Male Changing Room 五层 - 男更衣室

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Male Changing Room

MCR-01	C12	5.6	M	4.8	26.88	LED	D1	Conceal linear light behind mirror
MCR-02	C12	11.6	M	4.8	55.68	LED	D2	Linear uplights conceal above lockers
MCR-03	C12	14.8	M	4.8	71.04	LED	D3	Conceal linear light behind mirror
MCR-04	C12	6.4	M	4.8	30.72	LED	D4	Conceal linear light below vanity
MCR-11	C11	11.6	M	7.8	90.48	LED	D11	Cove lighting along corridor
MCR-12	R15.2	13		50	650	TLV	D12	General circulation downlights
	R13.2	3		50	150	TLV	D12	Wallwashers
MCR-13	C11	31.7	M	7.8	247.26	LED	D13	Conceal light in ceiling
MCR-14	C11	11.6	M	7.8	90.48	LED	D14	Conceal light in ceiling
MCR-15	R20.2	5		50	250	TLV	D15	Shower downlights
MCR-17	J	1		100	100	TLV	LSW	Power Provision - sauna light

1762.54

10 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5C** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5C**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L5** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L5** shall be 8 button + Off + Raise + Lower.
面板 **CP-L5** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - Female Changing Room 五层 - 女更衣室

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Female Changing Room

FCR-01	5A/SO	1		100	100	T	D1	Decorative table lamp
FCR-02	C12	4.6	M	4.8	22.08	LED	D2	Conceal linear light below vanity
FCR-03	C12	14.8	M	4.8	71.04	LED	D3	Conceal linear light behind mirror
FCR-04	C12	14.2	M	4.8	68.16	LED	D4	Linear uplights conceal above lockers
FCR-05	C12	10.8	M	4.8	51.84	LED	D5	Conceal linear light behind mirror
FCR-11	C11	8.1	M	7.8	63.18	LED	D11	Cove lighting along corridor
FCR-12	R15.2	12		50	600	TLV	D12	General circulation downlights
	R16.3	3		50	150	TLV	D12	Directional/ Wallwashers
	R20.2	9		50	450	TLV	D12	Cubicle downlight
FCR-13	C11	6.6	M	7.8	51.48	LED	D13	Conceal light in cubicles ceiling
FCR-14	R15.2	4		35	140	TLV	D13	Downlights over vanity counters
FCR-15	C11	8	M	7.8	62.4	LED	D15	Ceiling cove
FCR-16	C11	7.1	M	7.8	55.38	LED	D15	Ceiling cove
FCR-17	JBOX	1		100	100	TLV	LSW	Power Provision - steam room light
FCR-18	JBOX	1		100	100	TLV	LSW	Power Provision - sauna light

2085.56

13 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5C** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5C**(位置由机电顾问确定)，使用 Helvar Electrosonic "Imagine" 智能灯控系统调光，并且可从面板 **CP-L5** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_L5** shall be 8 button + Off + Raise + Lower.
面板 **CP-L5** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Spa Reception, Corridor & Circulation 6 五层 - 水疗接待处, 走廊6
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
<u>Spa Reception & Corridor Circulation 6</u>							
SPA-01	5A/SO	1		100	100	T	D1 Decorative table lamp - reception
SPA-02	5A/SO	1		100	100	T	D2 Decorative table lamp - sofa
SPA-03	C12	12	M	4.8	57.6	LED	D3 Conceal display lighting in shelves
SPA-04	X01	13		35	455	T	D4 water feature Uplight
SPA-11	R15.2	4		50	200	TLV	D11 general downlights
SPA-12	R16.3	6		50	300	TLV	D12 Directional downlights
	R15.2	1		50	50	TLV	D12 general downlights
SPA-13	C11	18	M	7.8	140.4	LED	D13 Conceal light in ceiling slot
SPA-14	R13.2	12		50	600	TLV	D14 Wallwashers to screen
SPA-15	C14	29.1	M	7.8	226.98	LED	D15 Central ceiling cove
SPA-16	C16.3	40		48.8	1952	LED	D16 Corridor conceal lighting in ceiling
	C16.2	1		24.4	24.4	LED	D16 Corridor conceal lighting in ceiling
SPA-17	R15.2	2		50	100	TLV	D17 Downlights at entrances (white)
	R12	8		50	400	TLV	D17 Downlights at entrances (Timber)
SPA-18	R15	2		50	100	TLV	LSW Store Room lights
SPA-19	C11	22	M	7.8	171.6	LED	D19 Service corridor ceiling cove
				<u>4977.98</u>	<u>12 DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-SPA** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-SPA** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_SPA** shall be 8 button + Off + Raise + Lower.
 面板 **CP-SPA** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - VIP Treatment Room 五层 - VIP水疗室

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
						<u>方式</u>	

Entrance Foyer

VIP-11	C11	10	M	7.8	78	LED	D11	Ceiling Cove
VIP-12	R16	2		50	100	TLV	D12	Downlights Behind screens

Bathroom Area

VIP-21	C12	10	M	4.8	48	LED	D21	Conceal lighting @ vanity
VIP-22	F04	1		14	14	FL	MS	Wardrobe
VIP-23	F05	1		14	14	FL	MS	Wardrobe
VIP-24	C12	2.4	M	4.8	11.52	LED	D24	vanity counter
VIP-31	DP	2		100	200	T	D31	Decorative pendant @ vanity
VIP-32	R15.2	4		50	200	TLV	D32	General downlights
VIP-33	C11	10	M	7.8	78	LED	D33	Cove lighting
VIP-34	C11	2.6	M	7.8	20.28	LED	D34	WC and Shower coves
VIP-35	R20.2	1		50	50	TLV	D35	WC downlight
	R15.2	1		50	50	TLV	D35	Shower cubicle downlight
VIP-36	C11	4.5	M	7.8	35.1	LED	MS	Cove lighting
VIP-37	R21	2		50	100	TLV	D37	Downlight to art
	R15.2	1		50	50	TLV	D37	General downlights
VIP-38	JBOX	1		100	100	T	D38	Power Provision for Sauna light

Treatment room

VIP-51	X03	1		50	50	TLV	D51	Underwater Jacuzzi Light
VIP-52	F04	1		18	18	FL	MS	Wardrobe
VIP-53	C12	10	M	4.8	48	LED	D52	Conceal lighting @ vanity
VIP-61	C11	17	M	7.8	132.6	LED	D61	Cove lighting
VIP-62	R15.2	3		50	150	TLV	D62	Vanity /Seating downlight

1547.5

15 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-VIP 1 & CP-VIP 2** linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-VIP 1 & CP-VIP 2** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-VIP 1 & CP-VIP 2** shall be 4 button + Off + Raise + Lower.
面板 **CP-VIP 1 & CP-VIP 2** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Single Treatment Room A & B 五层 - 单人水疗室A&B
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>方式</u>	<u>备注</u>
<u>Single Treatment Room A</u>								
TSA-01	C12	5	M	4.8	24	LED	D1	Integrated mirror lighting at vanity
TSA-02	C12	1.7	M	4.8	8.16	LED	D2	Undercounter lighting
TSA-03	F04	1		14	14	FL	MS	Wardrobe
TSA-04	C12	5	M	4.8	24	LED	D4	Integrated mirror lighting at vanity
TSA-11	C11	12.6	M	7.8	98.28	LED	D11	Ceiling Cove - treatment room
TSA-12	R16.3	2		50	100	TLV	D12	Directionals to art
	R15.2	2		50	100	TLV	D12	Vanity downlights
TSA-13	R15.2	2		50	100	TLV	D13	Vanity downlight
	R20.2	1		50	50	TLV	D13	Shower downlight
TSA-14	DP	2		100	200	T	D14	Decorative Pendant
TSA-15	C11	5.2	m	7.8	40.56	LED	D15	Cove lighting
				<u>759</u>	<u>8 DIMMED GROUPS</u>			

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-TSA 1** linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-TSA 1** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-TSA 1** shall be 4 button + Off + Raise + Lower.
 面板 **CP-TSA 1** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Circuit nos. suffixed with the letter "E" shall be connected to the essential supply from the generator set.



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Single Treatment Room A & B 五层 - 单人水疗室A&B
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>方式</u>	<u>备注</u>
<u>Single Treatment Room B</u>								
TSB-01	C12	5	M	4.8	24	LED	D1	Integrated mirror lighting at vanity
TSB-02	F04	1		14	14	FL	MS	Wardrobe
TSB-03	C12	2	M	4.8	9.6	LED	D2	Under counter conceal lighting
TSB-04	C12	5	m	4.8	24	LED	D4	Integrated mirror lighting at vanity
TSB-05	X03	1		50	50	TLV	D5	Jacuzzi underwater light
TSB-11	C11	12	M	7.8	93.6	LED	D11	Ceiling Cove - treatment room
TSB-12	R16.3	3		50	150	TLV	D12	Directionals to art
	R15.2	2		50	100	TLV	D12	Vanity downlights
TSB-14	DP	2		100	200	T	D14	Decorative Pendant
TSB-15	C11	8	M	7.8	62.4	LED	D15	Ceiling Cove - bathroom area
TSB-16	R15.2	1		50	50	TLV	D16	Vanity downlight
	R20.2	2		50	100	TLV	D16	Shower downlight
				<u>877.6</u>	<u>9 DIMMED GROUPS</u>			

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-TSB 1** linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-TSB 1** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-TSB 1** shall be 4 button + Off + Raise + Lower.
 面板 **CP-TSB 1** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Double Treatment Room A 五层 - 双人水疗室A
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Couple Treatment Room A

TDA-01	5A/SO	2		100	200	T	D1	Socket for standing lamps
TDA-02	C12	10	M	4.8	48	LED	D2	Mirror lighting
TDA-03	C12	10	M	4.8	48	LED	D3	Mirror lighting
TDA-04	F04	1		14	14	FL	MS	Wardrobe
TDA-05	C12	10	M	4.8	48	LED	D5	Conceal lighting under counter
TDA-06	F04	1		14	14	FL	MS	Wardrobe
TDA-11	C11	9.5	M	7.8	74.1	LED	D11	Ceiling Cove - treatment room
TDA-12	R16	2		50	100	TLV	D12	Directionals to art
	R15.2	2		50	100	TLV	D12	Vanity downlights
TDA-13	DP	2		100	200	T	D13	Decorative Pendant
TDA-14	C11	7.7	M	7.8	60.06	LED	D14	Ceiling Cove - bathroom area
TDA-15	R15.2	3		50	150	TLV	D15	Vanity/ WC downlights
	R20.2	1		50	50	TLV	D15	Shower downlight

1106.16

9 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-TDA 1** linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-TDA 1** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-TDA 1** shall be 8 button + Off + Raise + Lower.
 面板 **CP-TDA 1** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Circuit nos. suffixed with the letter "E" shall be connected to the essential supply from the generator set.



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Double Treatment Room A 五层 - 双人水疗室A
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
Couple Treatment Room B							
TDB-01	C12	10	M	4.8	48	LED	D1 Integrated mirror lighting at vanity
TDB-02	C12	2	M	4.8	9.6	LED	D2 Under counter conceal lighting
TDB-03	X03	1		50	50	TLV	D3 Underwater Jacuzzi light
TDB-04	C12	10	M	4.8	48	LED	D4 Integrated mirror lighting at vanity
TDB-05	F04	1		14	14	FL	MS Wardrobe
TDB-06	F04	1		14	14	FL	MS Wardrobe
TDB-11	C11	11.4	M	7.8	88.92	LED	D11 Ceiling Cove - treatment room
TDB-12	R15.2	4		50	200	TLV	D12 General downlights
	R16.3	1		50	50	TLV	D12 Adjustable downlight
TDB-13	C11	6	M	7.8	46.8	LED	D13 Cove lighting
TDB-14	R15.2	4		50	200	TLV	D14 WC general downlight
	R20.2	1		50	50	TLV	D14 Shower downlight
TDB-15	DP	2		100	200	T	D15 Decorative Pendant
				1019.32	9 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-TDB 1** linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定)，使用 Helvar Electrosonic "Imagine" 智能灯控系统调光，并且可从面板 **CP-TDB 1** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-TDB 1** shall be 4 button + Off + Raise + Lower.
面板 **CP-TDB 1** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Foot Massage A,B,C,D,E,F 五层 - 足浴室 A,B,C,D,E,F
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

CCT. NO. 回路代号	FTG. REF. 灯具代号	QTY 数量		LOAD (W) 总负载 (瓦)	SOURCE 光源	CCT/ PHASE 回路控制 方式	NOTES 备注
Foot Massage A							
FMA-01	C12	5	M	4.8	24	LED	D1 Integrated mirror lighting at vanity
FMA-02	F04	1		14	14	FL	MS Wardrobe
FMA-03	F04	1		14	14	FL	MS Wardrobe
FMA-04	C12	5	M	4.8	24	LED	D4 Integrated mirror lighting at vanity
FMA-05	F01	1		21	21	FL	MS Wardrobe
FMA-06	F01	1		21	21	FL	MS Wardrobe
FMA-11	C11	12	M	7.8	93.6	LED	D11 Ceiling Cove
FMA-12	R15.2	3		50	150	TLV	D12 General lighting
FMA-13	R15.2	4		50	200	TLV	D13 General lighting
FMA-14	C11	10.6	M	4.8	50.88	LED	D14
				612.48	6 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-FMA-1 & CP-FMA-2** linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-FMA-1 & CP-FMA-2** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-FMA-1 & CP-FMA-2** shall be 4 button + Off + Raise + Lower.
 面板 **CP-FMA-1 & CP-FMA-2** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Foot Massage A,B,C,D,E,F 五层 - 足浴室 A,B,C,D,E,F
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>
Foot Massage B							
FMB-01	C12	5	M	4.8	24	LED	D1 Integrated mirror lighting at vanity
FMB-02	F01	1		14	14	FL	MS Wardrobe
FMB-03	F01	1		14	14	FL	MS Wardrobe
FMB-04	F01	1		21	21	FL	MS Wardrobe
FMB-05	C12	5	M	4.8	24	LED	D5 Integrated mirror lighting at vanity
FMB-06	F01	1		21	21	FL	MS Wardrobe
FMB-11	C11	20	M	7.8	156	LED	D11 Ceiling Cove
FMB-12	R16.3	3		50	150	TLV	D12 Directionals to tables
	R15.2	2		35	70	TLV	D12 Vanity downlights
FMB-13	C11	12	M	7.8	93.6	LED	D13 Ceiling Cove
FMB-14	R16.3	3		50	150	TLV	D14 Directionals to tables
	R15.2	1		50	50	TLV	D14 Vanity downlights
				787.6	8 DIMMED GROUPS		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-FMB-1 & CP-FMB-2** linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-FMB-1 & CP-FMB-2** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-FMB-1 & CP-FMB-2** shall be 4 button + Off + Raise + Lower.
 面板 **CP-FMB-1 & CP-FMB-2** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Foot Massage A,B,C,D,E,F 五层 - 足浴室 A,B,C,D,E,F
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>方式</u>	<u>备注</u>

Foot Massage C

FMC-01	C12	5	M	4.8	24	LED	D1	Integrated mirror lighting at vanity
FMC-02	F01	1		21	21	FL	MS	Wardrobe
FMC-03	F01	1		21	21	FL	MS	Wardrobe
FMC-11	C11	21	M	7.8	163.8	LED	D11	Ceiling Cove
FMC-12	R15.2	3		50	150	TLV	D12	General lighting

379.8

3 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-FMC-1** linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-FMC-1** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-FMC-1** shall be 4 button + Off + Raise + Lower.
面板 **CP-FMC-1** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

Foot Massage D

FMD-01	C12	5	M	4.8	24	LED	D1	Integrated mirror lighting at vanity
FMD-02	F01	1		21	21	FL	MS	Wardrobe
FMD-03	F01	1		21	21	FL	MS	Wardrobe
FMD-11	C11	32.5	M	7.8	253.5	LED	D11	Ceiling Cove
FMD-12	R15.2	1		50	50	TLV	D12	Vanity downlight
	R16.3	4		50	200	TLV	D12	Directionals to tables

569.5

4 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-FMD-1** linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-FMD-1** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-FMD-1** shall be 4 button + Off + Raise + Lower.
面板 **CP-FMD-1** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 5 - Foot Massage A,B,C,D,E,F 五层 - 足浴室 A,B,C,D,E,F
DATE : 30-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>方式</u>	<u>备注</u>

Foot Massage E

FME-01	C12	5	M	4.8	24	LED	D1	Integrated mirror lighting at vanity
FME-02	F02	1		21	21	FL	MS	Wardrobe
FME-11	C11	9.5	M	7.8	74.1	LED	D11	Ceiling Cove
FME-12	R15.2	2		50	100	TLV	D12	General lighting

219.1

3DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-FME-1** linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-FME-1** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-FME-1** shall be 4 button + Off + Raise + Lower.
 面板 **CP-FME-1** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements
 and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。

Foot Massage F

FMF-01	C12	5	M	4.8	24	LED	D1	Integrated mirror lighting at vanity
FMF-02	F01	1		21	21	FL	MS	Wardrobe
	F02	1		8	8	FL	MS	Wardrobe
FMF-11	C11	33.5	M	7.8	261.3	LED	D11	Ceiling Cove & Backlit screen
FMF-12	R15.2	2		50	100	TLV	D12	General downlight

414.3

4 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-FMF-1** linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-FMF-1** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-FMF-1** shall be 4 button + Off + Raise + Lower.
 面板 **CP-FMF-1** 应包括4个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements
 and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - Public Toilet 6 五层 - 洗手间6

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
					<u>方式</u>	

Public Toilet 6

PT6-01	C12	10	M	4.8	48	LED	D1	Male - Mirror Backlighting
PT6-02	C12	2.3	M	4.8	11.04	LED	D2	Male - Undercounter conceal light
PT6-06	C12	10	M	15	150	LED	D6	Female - Mirror Backlighting
PT6-07	C12	1.8	M	15	27	LED	D7	Female - Undercounter conceal light
PT6-11	C11	4	M	7.8	31.2	LED	D11	Male - Cove lighting
PT6-12	R15.2	4		50	200	200	D12	Male - General Downlights
	R153.2	2		50	100	100	D12	Male - Directional Downlights
PT6-16	C11	2.3	M	7.8	17.94	LED	D16	Male - Cove lighting
PT6-17	R15.2	5		50	250	250	D17	Male - General Downlights
	R13.2	1		50	50	50	D17	Male - Directional Downlights

885.18

8 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-SPA** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-SPA** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_SPA** shall be 8 button + Off + Raise + Lower.

面板 **CP-SPA** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.

机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant

机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 5 - Lift Lobby 4 五层 - 电梯厅4

DATE : 30-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载(瓦)	光源	回路控制	备注
					方式	

Lift Lobby 4

LL4-11	C11	20.5	M	7.8	159.9	LED	D11	Cove lighting
LL4-12	R13.2	4		50	200	TLV	D12	Wallwashers to lift panel
	R15.3	2		50	100	TLV	D12	Corner Downlights
LL4-13	R15.2	4		50	200	TLV	D13	General downlights

459.9

3 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L5A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L5** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L5A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L5** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L5** shall be 8 button + Off + Raise + Lower.
面板 **CP-L5** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 24 - Executive Lounge 24层 - 行政酒廊

DATE : 15-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Executive Lounge

EL-01	5A/SO	4		100	400	T	D1	Socket outlet for floor lamps
EL-02	5A/SO	4		100	400	T	D2	Socket outlet for table lamps
EL-03	5A/SO	5		100	500	T	D3	Socket outlet for floor lamps
EL-04	C12	3	M	4.8	14.4	LED	D4	Communal table - conceal light
EL-05	C12	7	M	4.8	33.6	LED	D5	Buffet counter - conceal light
EL-06	C12	12	M	4.8	57.6	LED	D6	Banquet seating - conceal uplight
EL-11	C11	24.6	M	7.8	191.88	LED	D11	Conceal light along window
EL-12	R15.2	6		50	300	TLV	D12	Circulation downlights along window
	R16.3	4		50	200	TLV	D12	Directionals along window corridor
EL-13	C11	18.4	M	7.8	143.52	LED	D13	Perimeter cove around fireplace
EL-14	R15.2	8		50	400	TLV	D14	Downlights around fireplace
EL-15	R13.2	10		50	500	TLV	D15	Directionals around fireplace
EL-16	C11	18	M	7.8	140.4	LED	D16	Cove ceiling around seating area
EL-17	R13.2	3		50	150	TLV	D17	Wallwashers to artwork
EL-18	R15.2	4		50	200	TLV	D18	Downlights around seating area
EL-19	R17.2	2		50	100	TLV	D19	General Downlights (black)
	R16.3	8		50	400	TLV	D19	General Downlights (white)
EL-20	R17.2	1		50	50	TLV	D20	General Downlights (black)
	R16.3	10		50	500	TLV	D20	General Downlights (white)
EL-21	DP	1		2000	2000	T	D21	Decorative Pendant
EL-22	C11	30.5	M	7.8	237.9	LED	D22	Cove ceiling around communal area
EL-23	R13.2	5		50	250	TLV	D23	Wallwasher to art
EL-24	C11	5.6	M	7.8	43.68	TLV	D24	Ceiling detail - banquet seats
EL-25	R15.2	8		50	400	TLV	D25	General Downlights - banquet seats
EL-26	R15	3		50	150	TLV	D26	General Downlights - to BOH
EL-27	R15	2		50	100	TLV	D27	Entrance downlights

7862.98

23 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L24-B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-EL1 & CP-EL2** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L24-B**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-EL1 & CP-EL2** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-EL1 & CP-EL2** shall be 8 button + Off + Raise + Lower.
面板 **CP-EL1 & CP-EL2** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 24 - Lounge area, Entertainment rooms & Meeting room 24层 - 休息区, 娱乐室, 会议室
DATE : 15-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

CCT. NO.	FTG. REF.	QTY		LOAD (W)	SOURCE	PHASE	NOTES
回路代号	灯具代号	数量		总负载 (瓦)	光源	回路控制方式	备注
Lounge Area							
LA-01	5A/SO	2		100	200	T	D1 Socket outlet for floor lamps
LA-02	5A/SO	2		100	200	T	D2 Socket outlet for floor lamps
LA-03	C12	22.8	M	4.8	109.44	LED	D3 Shelf lighting
LA-04	C12	10	M	4.8	48	LED	D4 Niche concealed lighting
LA-05	C12	6.6	M	4.8	31.68	LED	D5 Work station concealed lighting
LA-11	R15.2	6		50	300	TLV	D11 Corridor to Lounge Area - downlights
	R16	8		50	400	TLV	D11 Corridor to Lounge Area - directionals
LA-12	C11	19.3	M	7.8	150.54	LED	D12 Corridor to Lounge Area - cove
LA-13	R15.2	13		50	650	TLV	D13 General Downlights
LA-14	R15.2	13		50	650	TLV	D14 General Downlights
LA-15	C11	76.5	M	7.8	596.7	LED	D15 Conceal ceiling detail
LA-16	R15.2	2		50	100	TLV	D16 Downlights over computer desks

3436.36 **9 DIMMED GROUPS**

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L24-B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-LA** (linked to a 7-day astronomic time clock).
以上所有回路都连至灯控系统控制架的安装位置**DR_L24-B**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-LA** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP-LA** shall be 8 button + Off + Raise + Lower.
面板 **CP-LA** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Circuit nos. suffixed with the letter "E" shall be connected to the essential supply from the generator set.



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 24 - Lounge area, Entertainment rooms & Meeting room 24层 - 休息区, 娱乐室, 会议室
DATE : 15-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>PHASE</u>	<u>NOTES</u>
回路代号	灯具代号	数量	总负载 (瓦)	光源	回路控制方式	备注

Entertainment Room

LA-06	5A/SO	2		100	200	T	D06	Socket outlet for floor lamps
LA-17	R16.3	6		50	300	TLV	D17	General downlights
LA-18	R16.2	6		50	300	TLV	D18	General downlights
LA-19	C11	9.4	M	7.8	73.32	LED	D19	Ceiling Cove (warm white)
LA-20	C13	1 set		350	350	LED	D20	Ceiling Cove (RGB)
LA-21	R16	2		50	100	TLV	D21	Directionals to art
	E5 R15.2	3		50	150	TLV	D21	General downlight at entrance foyer

机电顾问将按照当地机电要求配置应急和紧急回路。

1473.32

6 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L24-B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-KTV** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L24-B**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-KTV** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-KTV** shall be 8 button + Off + Raise + Lower.
面板 **CP-KTV** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Circuit nos. suffixed with the letter "E" shall be connected to the essential supply from the generator set.



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国
LOCATION : Level 24 - Lounge area, Entertainment rooms & Meeting room 24层 - 休息区, 娱乐室, 会议室
DATE : 15-Jun-12
REV. DATE : 2-Nov-12
REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>		<u>LOAD (W)</u>	<u>SOURCE</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>		<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>备注</u>
						<u>方式</u>	
<u>Meeting Room</u>							
LA-22	C11	18.6	M	7.8	145.08	LED	D22 Ceiling Cove (warm white)
LA-23	R12	2		50	100	TLV	D23 General downlights
LA-24	2	2		50	100	TLV	D24 General downlights
				<u>345.08</u>	<u>3 DIMMED GROUPS</u>		

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L24-B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-LAM** (linked to a 7-day astronomic time clock).
 以上所有回路都连至灯控系统控制架的安装位置**DR_L24-B**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-LAM** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-LAM** shall be 4 button + Off + Raise + Lower.
 面板 **CP-LAM** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
 机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
 机电顾问将按照当地机电要求配置应急和紧急回路。



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 24 - Powder Room 二十四层 - 洗手间

DATE : 15-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u> 回路代号	<u>FTG. REF.</u> 灯具代号	<u>QTY</u> 数量		<u>LOAD (W)</u> 总负载 (瓦)	<u>SOURCE</u> 光源	<u>CCT/</u> <u>PHASE</u> 回路控制 方式	<u>NOTES</u> 备注
PR-01	C12	3	M	4.8	14.4	LED	D1 Mirror integrated lighting
PR-11	DP	2		200	400	T	D11 Decorative Pendant
PR-12	C11	4.5	M	7.8	35.1	LED	D12 Ceiling Cove
PR-13	R15.2	4		50	200	TLV	D13 General Downlights
PR-14	R15.2	1		50	50	TLV	LSW Janitor room downlight

699.5

4 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L24-B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-KTV** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L24-B** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-KTV** 手控超越控制 (与七天天文时钟连接)。

Note: Control Panel **CP_KTV** shall be 8 button + Off + Raise + Lower.
面板 **CP-KTV** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 24 - Sky Executive Bar 24层 - 行政酒吧

DATE : 15-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Sky Executive Bar

SB-02	5A/SO	2	100	200	T	D2	Socket outlet for table lamps
SB-03	5A/SO	4	100	400	T	D3	Socket outlet for table lamps
SB-04	5A/SO	2	100	200	T	D4	Socket outlet for table lamps
SB-08	C15	1 SET	500	500	LED	D8	Wine display conceal light
SB-09	C14	10.3 M	7.8	80.34	LED	D9	Conceal lighting at bar counter
SB-11	DP	1	2000	2000	T	D11	Decorative Pendant
SB-12	R12	6	50	300	TLV	D12	Downlights over bar counters
SB-13	C11	24 M	7.8	187.2	LED	D13	Cove lighting
SB-14	C14	26 M	7.8	202.8	LED	D14	Cove lighting
SB-15	R17.2	10	50	500	TLV	D15	Directional downlights over seats
SB-16	R17.2	10	50	500	TLV	D16	Directional downlights over seats
SB-17	C11	38 M	7.8	296.4	LED	D17	Perimeter cove lighting
SB-18	R17.2	9	50	450	TLV	D18	Directional downlights over seats
SB-19	R17.2	9	50	450	TLV	D19	Directional downlights over seats
SB-20	C16	8	48.8	390.4	LED	D20	LED profile to graze down backwall
SB-21	R15	2	50	100	TLV	D21	Downlights to BOH

6757.14

16 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L24-A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-SB1 & CP-SB2** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L24-A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-SB1 & CP-SB2** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP-SB1 & CP-SB2** shall be 8 button + Off + Raise + Lower.
面板 **CP-SB1 & CP-SB2** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 24 - Public Toilet 6 二十四层 - 洗手间6

DATE : 15-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u> <u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载(瓦)</u>	<u>光源</u>	<u>回路控制</u> <u>方式</u>	<u>备注</u>

Public Toilet 6

PT6-01	C12	6	M	15	90	LED	D1	Under Counter Vanity Light
PT6-02	C12	6	M	15	90	LED	D2	Under Counter Vanity Light
PT6-11	DP	1		100	100	T	D11	Decorative Pendant (Female)
PT6-12	C11	3.5	M	7.8	27.3	LED	D12	Ceiling Cove (Female)
PT6-13	R15.2	7		50	350	TLV	D13	General Downlights (Female)
PT6-14	DP	1		200	200	T	D11	Decorative Pendant (Male)
PT6-15	C11	6.4	M	7.8	49.92	LED	D12	Ceiling Cove (Male)
PT6-16	R13.2	3		50	150	TLV	D13	Wallwasher (Male)
	R15.2	4		50	200	TLV	D13	General Downlights (Male)
PT6-17	R13.2	3		50	150	TLV	D17	Wallwasher to artwork
	R15.2	3		50	150	TLV	D17	General Downlight

1557.22

5 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L24-A** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L24** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L24-A**(位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L24** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L24** shall be 8 button + Off + Raise + Lower.
面板 **CP-L24** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT



CONTROL SCHEDULE 灯控清单

PROJECT : Intercontinental Changsha, China 长沙洲际酒店中国

LOCATION : Level 24 - Public Toilet 7 二十四层 - 洗手间7

DATE : 15-Jun-12

REV. DATE : 2-Nov-12

REVISION : A

<u>CCT. NO.</u>	<u>FTG. REF.</u>	<u>QTY</u>	<u>LOAD (W)</u>	<u>SOURCE</u>	<u>CCT/</u>	<u>PHASE</u>	<u>NOTES</u>
<u>回路代号</u>	<u>灯具代号</u>	<u>数量</u>	<u>总负载 (瓦)</u>	<u>光源</u>	<u>回路控制</u>	<u>方式</u>	<u>备注</u>

Public Toilet 7

PT7-01	C12	6	M	4.8	28.8	LED	D1	Mirror integrated lighting
PT7-02	C12	6	M	4.8	28.8	LED	D2	Mirror integrated lighting
PT7-11	DP	1		200	200	T	D11	Decorative Pendant (Female)
PT7-12	C11	4	M	7.8	31.2	LED	D12	Ceiling Cove (Female)
PT7-13	R15.2	6		50	300	TLV	D13	General Downlights (Female)
PT7-14	R15.2	1		50	50	TLV	LSW	Store Room Light
PT7-15	C11	5.4	M	7.8	42.12	LED	D15	Ceiling Cove (Male)
PT7-16	R15.2	6		50	300	TLV	D16	General Downlights (Male)

980.92

7 DIMMED GROUPS

All the above control groups are to be taken back to a lighting control rack location dimmer **DR_L24-B** (location to be determined by the electrical consultant) and controlled by a Helvar Electrosonic "Imagine" dimmer control system with manual override from Control Panel **CP-L24** (linked to a 7-day astronomic time clock).

以上所有回路都连至灯控系统控制架的安装位置**DR_L24-B** (位置由机电顾问确定), 使用 Helvar Electrosonic "Imagine" 智能灯控系统调光, 并且可从面板 **CP-L24** 手控超越控制 (与七天天文时钟连接) 。

Note: Control Panel **CP_L24** shall be 8 button + Off + Raise + Lower.
面板 **CP-L24** 应包括八个场景按钮与开关、调亮及调暗控制按钮。

Sub division of the above control groups to suit local electrical engineering requirements and lighting control system configuration to be by Electrical Engineer.
机电顾问将按照当地机电要求分部以上的回路和配置灯控系统。

Essential and emergency lighting circuits to be determined by electrical consultant
机电顾问将按照当地机电要求配置应急和紧急回路。

THE CIRCUIT PHASING IS TO BE PROVIDED BY THE ELECTRICAL CONSULTANT