

## Buddhism's Holy Land with Lite-Puter

### Ling Shan Brahma Palace

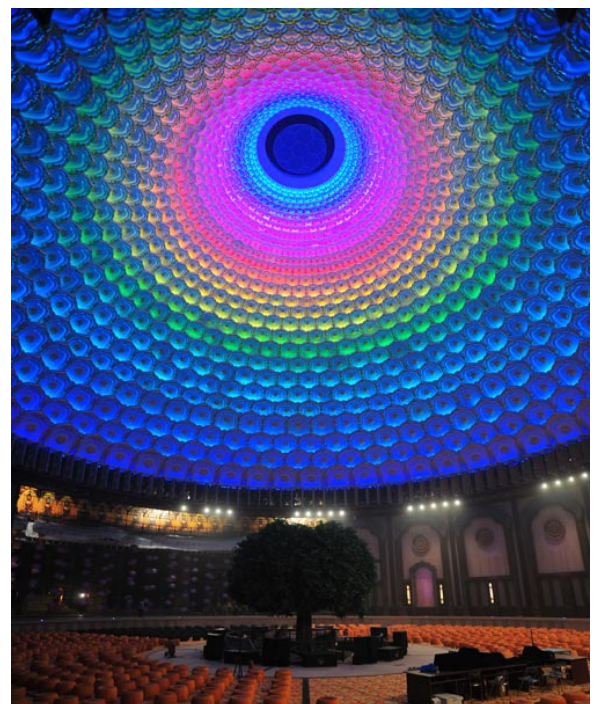
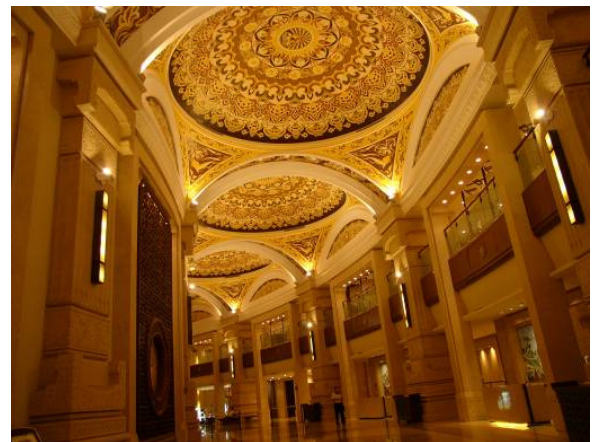
- › Area : 70,000 square meters
- › Location: Wuxi City, China
- › Lighting designer and installation: Lite-Puter/ Roled Opto Electronics Shanghai Co., Ltd
- › Equipment: Lite-Puter lighting control system

#### Application:

## 1. Brief Introduction

Lingshan Brahma Palace is the third-phase project of the Lingshan Buddhism Resort that cost hundreds of millions of dollars to build. As a multi-functional cultural building for tourism, conferences, exhibitions, and cultural experiences, Lingshan Brahma Palace has been built beside a mountain in the integration of the Chinese Buddhist rock-cave art and traditional Buddhist building elements.

The Shrine in the Brahma palace is the main conference site of the 2009 World Buddhism Forum which can accommodate nearly 2,000 people for international events. There is a huge revolving stage in Shrine, the total area is 35,000 square meters and the dome is 30 meters in height. Light up 1500 lotus lamps atop the building immediately, just like stay in the starry universe. Timed giant musical history drama will be performed in the Shrine every day, expressing legend experience of Buddha.



## 2. Lighting Control System

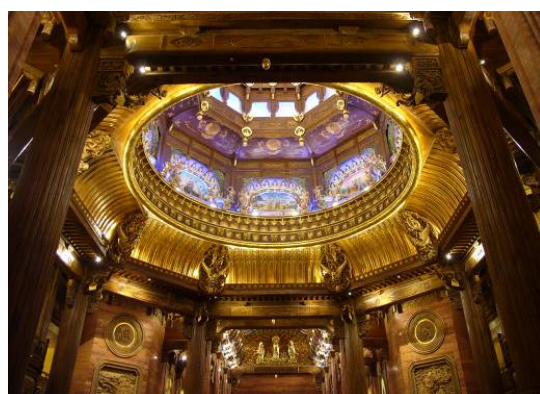
There are 11 halls (zones) independent from and connected with each other, including entrance hall, gallery hall, pagoda hall, shrine, conference halls, large banquet hall, etc. Each hall is installed one DP-E500 as a master device to control up to 1024 channels. Through build-in Ethernet interface and its Windows-based

software, DP-E500 can be configured easily and intuitively. With centralized event scheduler function, DP-E500 cannot only reduce labor cost to control the lighting system but also save energy consumption. All lighting sources in this project are dimmable lamps to achieve the goal of energy saving. Lite-Puter adopts EDX-F04 and EDX-F07 to control fluorescent lamps. EDX-F04 is a 4 channels dimmer pack with 5A output capacity per channel. By 3 different modes, dimming/ switching/ fluorescent, for each channel, EDX-F04 gives the designer the highest flexibility to change the lighting sources after the installation. . EDX-F07 is a 1 channel track-mounted fluorescent dimmer module, which is compact, light-weighted, and easy to install.

Incandescent lamps and low voltage halogen lamps are controlled by DX-1230. With 12 channels, 30A per channel output, and long durability, DX-1230 is Lite-Puter’s most renowned and popular dimmer pack. The modular design is very convenient to replace and to do maintenance. Moreover, its soft start function can prevent the lamp from damage caused by large current voltage and protect the dimmer pack as well.

ECP-106, a wall control panel, is also installed in each hall. It can recall 6 scenes, adjust the dimming level of each scene, and control 1 to 8 rooms or zones. ECP-106 can also be controlled by remote controller.

Since Lingshan Brahma Palace is a tourist spot, security issue is very important. DP-IR01, a switch interface with dry contact, is interlocked with the alarm circuit. When the alarm system is activated, DP-IR01 can recall the emergency scene immediately.



### 3. Equipment Lists:

No.	Item	Description	Southern	Northern	Total Q'ty	Installation
1	DP-E500	Ethernet Interface	5	6	11	Zone 1-11
2	EDX-F04	Fluorescent Dimmer Pack	38	115	153	Zone 1-11
3	EDX-F07	Fluorescent Dimmer Module	26	72	98	Zone 6 &11
4	ECP-106	Wall Control Panel	14	12	26	Zone 1-11
5	IR-0501	IR controller	5	8	13	Zone 1-11
6	DP-IR01	Switch Interface Module	5	11	16	Zone 1-11
7	DX-1230	DMX Dimmer Pack	2		2	Zone 1
8	DX-120	DMX Dimmer Pack		31	31	Zone 6

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