

# NUS Kent Ridge Hall Project

*“The future looks Bright”*

## The Client

Officially opened on 3 January 2004 by President S.R. Nathan, the new KR complex consists of 5 blocks with 506 single rooms, and boasts the newest facilities on campus, which include LAN connections in every room, kitchens and lounges in every block, as well as a fully air-conditioned multi-purpose hall and gymnasium. Block rooftops afford residents a place to chill-out and enjoy late-night suppers, while a communal recreational room allow for mingling and interaction between members of different blocks. Even the single major grouse amongst Kentridgeans, having to make a dash for the bus stop on rainy days, had been addressed with the recent construction of a sheltered linkway.

## About the Project

The client had called us for a site visit to have a look at their Dimmer system which was causing problems. Some of the dimmer channels were not functioning and there was frequent interruptions from the system, the lighting board could not control the lighting system. In fact one of the 6 channel dimmer was already removed from the dimmer Rack already.

The client had then bypassed the dimmer system and connected the individual channels to the mains. The control was by way of switching on and of the switched socket outlets. The Lighting Console was no longer in use. Upon closer inspection , we had found out that the 3 phase wiring to the dimmer was wrongly terminated. The DMX wiring was also terminated wrongly , there was no connection to pin 1 of the DMX connector

We then proposed the client to change the two dimmers to the Zero 88 Betapack 3 Dimmer , which required no fans and also looked into the wiring of the DMX and electrical

The client was interested in our proposal and went ahead in the awarding the contract to us , it took us two days to complete the job with an addition of a termination box for the out going cables to the lighting fixtures, the dimmer was patched and commissioned for Hall.

The client was happy with our work and will consider us for their future needs .

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## Products Installed

### ZERO 88 PRODUCTS

BETAPACK 3 UK 15A 02

### OTHER PRODUCTS

|                         |       |
|-------------------------|-------|
| TERMINATION BOX         | 01    |
| CABLE GLANDS            | 17    |
| 15A PERMAPLUGS          | 17    |
| 6MM <sup>2</sup> CABLES | 1 LOT |
| 2.5MM CABLES            | 1 LOT |
| DIN RAIL                | 02    |
| TERMINAL BLOCK          | 72    |

## Services Rendered

### ELECTRICAL

TERMINATION OF DIMMERS  
INSTALLATION OF 15A PLUGS

### TESTING & COMMISSIONING

TESTING OF DIMMER SYSTEM  
TESTING OF LIGHTING SYSTEM  
TESTING DMX 512 SYSTEM  
PATCHING OF DIMMERS  
PROGRAMMING OF DIMMERS

### CONTROL

DMX 512 RECEPTICAL WIRING

### TRAINING

TRAINING OF DIMMER SYSTEM

### INSTALLATION

TERMINATION BOX  
DANGER SIGNAGE  
RUBBER SHIELDING

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Project Photos



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## Who we are

**Our** company deals in Professional Stage and Architectural Lighting in Singapore and the Region. This is our core focus for the past 12 years. We supply and install renowned brands of professional lighting originating from Europe as well as other regions. In addition, we provide service and maintenance packages for existing lighting that are installed in various venues and buildings.

## Our Mission

**"To light up your world for a sustainable and conducive environment for all to work and live for the present and the future."**

## Contact Us

Lighting

Controls

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