

binay

LED Hotel Lighting

Swissotel Hotel

Neotia Vista

Binay Opto Electronics (P) Ltd
Calcutta
R&D Centre
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Calcutta-19



Ambuja Swissotel LED Lighting- Entrance Porche- Drop Off area.

- 100W Halogen lights replaced by 25W LED QR111 wide beam downlighters.
- 75% Power Saving.
- Warm color 82 used here.
- Superior Optics to ensure excellent Uniform Lighting.
- Brilliant Illumination.
- Long Life- 15years.
- Warranty- 5years.



LED Lighting at Ambuja Swissotel Hotel. Entrance Area.

- The Original Proposed fixture was Litolier 75Watt QR111.
- We developed this fixture, maintaining the same outward outlook but in 18Watt LED.
- The color of Light is color82.
- Power Saving- 80%.
- Life- 12years.
- Warranty- 5years.



LED Lighting at Ambuja Swisshotel Hotel.

Entrance area Display Wall



Swisshotel Corporate Watch



LED Lighting at Ambuja Swissotel Hotel.

Entrance Lobby



Entrance Lobby



Ambuja Swisshotel LED Lighting

- Entrance Lobby Sitting Area.
- 100W halogen Lamps replaced with Binay 25W Narrow Beam LED-QR111.
- Good accentuated spotlighting.



Ambuja Swissotel LED Lighting Entrance Lobby



Ambuja Swissotel LED Lighting

- Ground Floor Lift Lobby.
- 10W LED Wall Washer designed to replace Litolier 50W Wall Washers.
- 80% Power Saving.
- Life – 50,000hours.
- Warranty- 5years.



Ambuja Swisshotel LED Lighting

- Banquet Prefunction 2.
- 100W halogen Lamps replaced with Binay 25W Narrow Beam LED-QR111.
- Good accentuated spotlighting.



Ambuja Swisshotel LED Lighting –Infinity Pool Underwater Swimming pool lighting



Ambuja Swisshotel LED Lighting

Underwater Swimming pool lighting

- 300W Halogen Lamps replaced with 75W LED.
- Completely SS316 fixture to withstand Chlorine water.
- Special Heat Sensor Electronic circuit to prevent overheating incase of operation out of Water (during pool cleaning).
- Warranty- 5years.
- Life -15years.



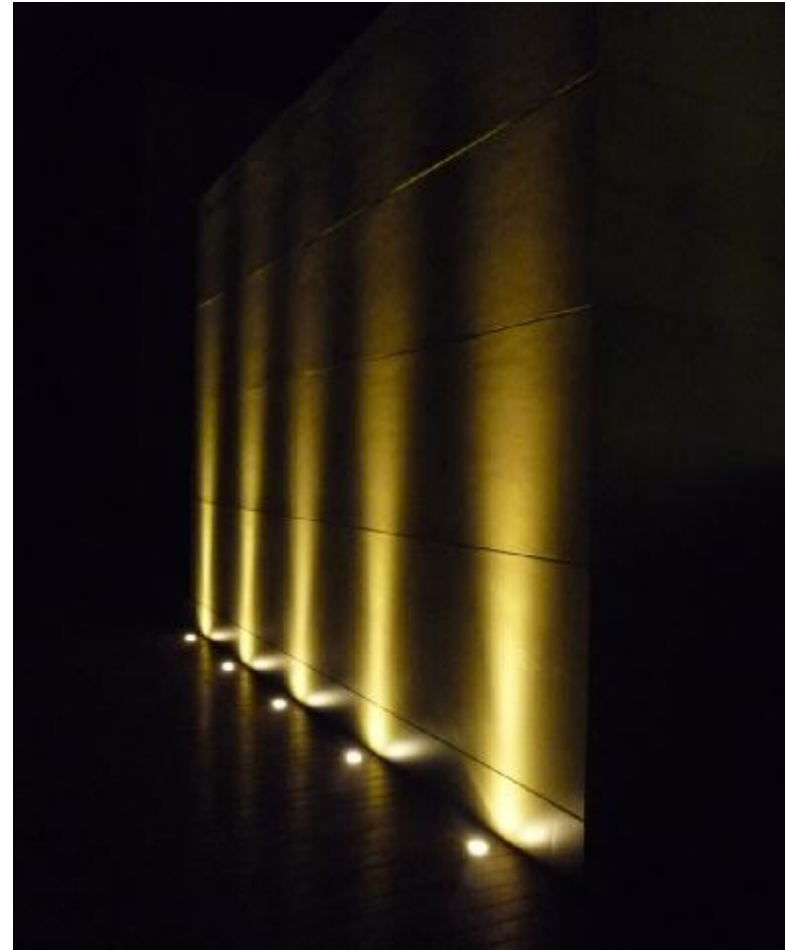
Ambuja Swissotel LED Lighting Plantation and Tree LED uplighting.

- 50W Halogen lights replaced by 10W LED fittings.
- Outdoor IP-67 fixture.
- Superior Optics to ensure maximum light energy is focused on the Plant/tree.
- Brilliant Illumination.
- Safe Low Voltage operation.
- Long Life- 15years.
- Warranty- 5years.



Ambuja Swissotel LED Lighting LED Floor Uplighters.

- 50W Halogen lights replaced by 5W LED fittings. 90% Power Saving.
- Warm color 82 used here.
- Outdoor IP-67 fixture.
- Superior Optics to ensure excellent Accent Lighting.
- Brilliant Illumination.
- Safe 12V Low Voltage operation.
- Long Life- 15years.
- Warranty- 5years.



Ambuja Swissotel LED Lighting LED Outdoor Signage

- 3W LED Outdoor Signage String fittings used here.
- Cool White color 86 used here.
- Outdoor IP-65 LED modules.
- Brilliant Illumination.
- Safe 24V Low Voltage operation.
- Long Life- 15years.
- Warranty- 5years.



Ambuja Swissotel LED Lighting LED Floor Washers.

- 50W Halogen lights replaced by 5W LED fittings. 90% Power Saving.
- Warm color 82 used here.
- Outdoor IP-67 fixture.
- Superior Optics to ensure excellent Accent Lighting.
- Brilliant Illumination.
- Safe 12V Low Voltage operation.
- Long Life- 15years.
- Warranty- 5years.



Ambuja Swissotel LED Lighting LED Floor Washers.



Binay LED Corridor Lighting at Ambuja CCNT 5Star Swissotel Hotel back-office



- Effective corridor lighting achieved with only 8Watts LED lighting spaced at 12feet spacing.
- Lighting load only *0.8W/ sq metre!!*
- Phenomenal Energy savings as this is back-office Corridor of a 5Star-Hotel which runs 24hours a day!!

Binay LED Office - Lighting at Ambuja CCNT 5Star Swissotel Hotel back-office



- Brilliant high visibility Office Lighting achieved by using Binay 8W - 300X300mm fixture..
- Lighting load only *104W/ 400ft.*
- *i.e.- 2.6W/ Sq mtr.*
- Phenomenal Power savings using Binay 8W LED square downlighters providing effective Office Lighting.

Back-office Lighting- 24Hours Energy Savings/ Cost Savings.

- Back Office runs 24hours a day, hence the lighting here will have the greatest maintenance expense apart from saving in Electricity and Airconditioning load.
- Back- office LED Lighting done by us at Swissotel provides the greatest benefit to any hotel as the product will not need to be maintained/ replaced or serviced for the next 15Year.
- Our warranty is for 5years.
- Further the low energy consumption can easily be powered through Solar Power directly from Solar Panel and battery of 24V as LEDs run on low voltage and Solar panel run on Low voltage, thus avoiding conversion losses in upconverting to 230 and then again downconverting to 24V saving almost 40% in conversion losses.
- Great savings are achieved in back office lighting in :
 - Corridors
 - Stairwells
 - Back-office
 - Aircondition Equipment Room/ Maintenance Room .

Thank You.

