MaxiLED Lighting

SSLI
Solid State Lighting International

Azalai Abidjan Hotel

Case Study

CE IP68 IK07

UK MANUFACTURED

Information

Client: Solid State Lighting International

Location: Abidjan - Ivory Coast, West Africa.

Products Used: MaxiLED Focal Facade High Output

Technology

Power Input:
24VDC

Watts:
1.2W per Globe.

Listings:
UL, cUL, CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

Light Output:
140 lumens per Globe (cool white). Contact factory for warm white distribution information.

Lumen Maintenance:
Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.

Light Source:
CREE LED's
2700K, 3500K and 6500K

Environment:
Dry, damp and wet locations (IP68).

Cable/Run Lengths:
150 Globes per strand.
105 m (344 feet) maximum strand length including starter cable (connects power supply with strand).

Installation:
Clips available for zip-tie mounting to any surface or walls. Trunking for concealing cables and elastic cable ties also available for trees and live landscaping.

Protection:
Thermal Safety cut out at 70°C (158°F)

Housing accessories

Building corner profile housing

Background

Overlooking the beautiful Marcory, Azalai Hotel Abidjan is ideally located in the heart of the capital. A few steps from upscale shops, and a few minutes from the airport, this jewel perfectly embodies refinement and excellence in the heart of Abidjan.

Design

Solid State Lighting International (SSLI) was given the task of illuminating the exterior of the hotel. Large panes of glass made up the facade of the structure which were fastened using steel supports which span vertically along the building. This gave SSLI very limited material to illuminate as the majority of the structure was glass.

The decision to highlight the structural lines of the building was taken, using MaxiLED Focal Facade high output. This traced the contours of the building with pinpoints of light.
The low voltage, high output model was chosen for its IP68 rating and simplicity for installation.
The MaxiLED Focal Facade installation was problematic due to being installed on the intersection of the steel edging, therefore a bespoke corner bracket was designed and engineered under the strictest of deadlines and achieved the effect the client requested.

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Unit 2, Farrington Place, Rossendale Road Ind. Est. Burnley, Lancashire. UK. BB11 5TY
T: +44 (0)1282 448086
E: sales@maxiledlighting.com **Web: www.maxiledlighting.com**