



## LED Lighting for Billboard

- Save Energy
- Low Operation Cost
- Bright and Uniformity
- Last Over 50,000 Hrs; Over 6 Years
- Available, 80W, 120W, 160W and 200W



### Optical

- Employ Philips Rebel ES LED as bright light source: 120 Lm/W
- Asymmetric wide beam pattern to improve brightness
- Uniformity: Over 0.310

### Power

- Switching mode and multi-channel constant current
- Over-voltage protection design and self thermal compensation to prevent overheat

### Thermal

- Overheat protection will operate to adjust as LED module surface reaches 70°C

### Luminaire

- IP 65 Design for dust and water protection
- 50,000 Hours with over 70% lumen maintenance
- Designed and Manufactured in Taiwan
- Tilt Angle for self-clean



# LED Lighting for Billboard

## Specifications:

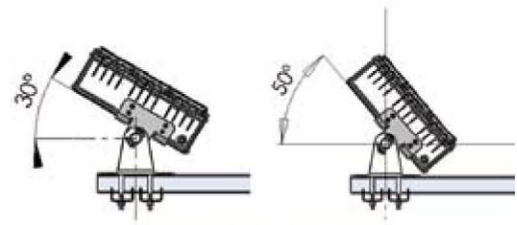
- Outputs: 9,000 Lumens with 72 LED
- Color Temperature: 6000K Typical
- Power Consumption: 120W±10%
- Input Voltage: 100-240Vac, 50/60Hz
- Tilt Angle: 0°- 50° free rotation with 10 degree scale interval indication
- LED Current: Switching mode and multi-channel constant current
- Conduit Support: 1-1/2" square pipe or 1-1/4" round pipe, 2.5" round pipe Max
- Ingress Protection Rating: IP65
- Dimension: 550 (L) x 610(W) x 410 (H) mm
- Weight: 6.7 kg including clamping parts
- Housing: Aluminum alloy
- Operation Temperature: -30°C ~ 50°C



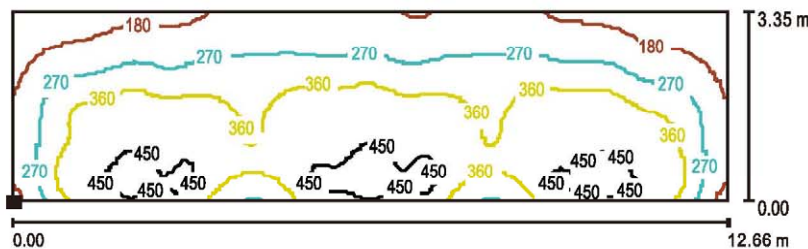
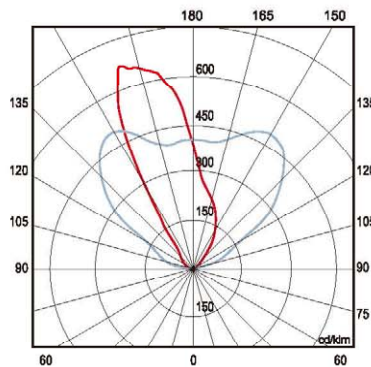
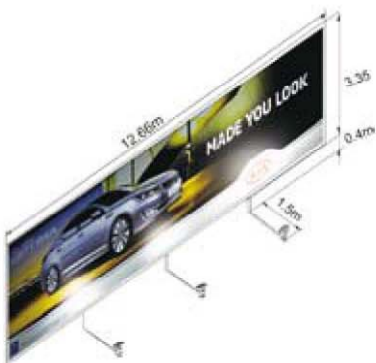
## Applications:

- Outdoor Billboard Lighting
- Replacement of 400W metal halide billboard light

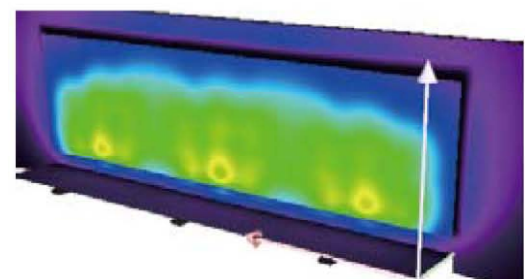
## Photometric Performance Simulation:



Adjustable Angel: 30°+/-20°



Projection Result for 12.66 m x 3.35 m Board



Max.	Min.	Avg.	Uniformity
345 lx	107 lx	575 lx	0.312