

OUTDOOR LED LIGHTING

SANBO/WP

EY253

LED WEATHER-PROOF

EYELITE



EMERGENCY
POWER PACK
COMPATIBLE

CB CE

Outdoor Motorcycle Parking, Cambodia



EY253-18W

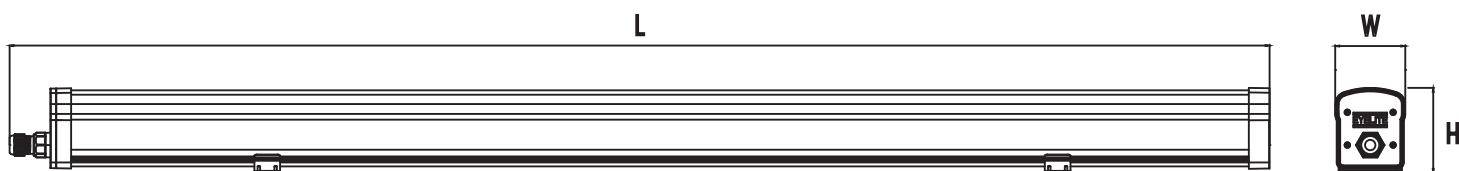


EY253-18WL-36W



EY253-50W

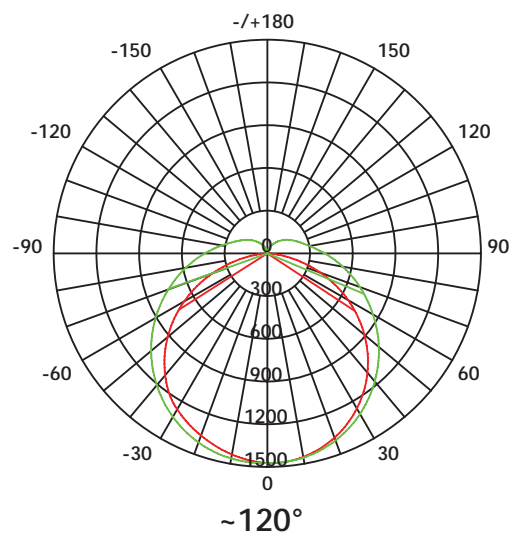
PRODUCT DIMENSION



PRODUCT FEATURES

- Rigid extrusion of PC housing and Injection molding of PC covers
- Protection against water and dust (IP65) and impact (IK08)
- High lumen output provides energy saving

PHOTOMETRY/BEAM ANGLE



TECHNICAL DATA



IK08

IP65

LED WEATHER-PROOF

MODEL NO.	EY253-18W	EY253-18WL	EY253-36W	EY253-50W
Power Consumption ±5% (W)	18W	18W	36W	50W
Luminaire Flux ±5% (lm)	1,890 lm	1,980 lm	3,960 lm	5,500 lm
System Efficacy ±5% (lm/W)	105 lm/W	110 lm/W	110 lm/W	110 lm/W
Power Factor (PF)	0.98	0.98	0.98	0.98
Replacement of Magnetic Fluorescent	1 x 36W	1 x 36W	2 x 36W	2 x 58W
Total Harmonic Distortion (THD) %	<10%	<20%	<10%	<10%
Colour Tolerance (SDCM)	≤6	≤6	≤6	≤6
Net Weight (kg)	0.71	1.08	1.10	1.32
Gross Weight (kg)	18.38	22.15	22.15	20.15
Product Dimension, L x W x H (mm)	650 x 71 x 82	1250 x 71 x 82	1250 x 71 x 82	1550 x 71 x 82
Individual Carton Dimension, L x W x H (mm)	660 x 75 x 85	1260 x 75 x 85	1260 x 75 x 85	1560 x 75 x 85
Master Carton Dimension, L x W x H (mm)	680 x 330 x 460	1280 x 330 x 370	1280 x 330 x 370	1575 x 250 x 370
Quantity/Master Carton (pcs)	20	16	16	12
CBM (m ³)	0.103	0.156	0.156	0.146

Note: The above specified lumen and system efficiency based on standard CCT: 6500K.

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

- **Input Voltage** : 200 - 240Vac, 50/60Hz
- **Insulation Class** : Class I
- **LED Driver** : Flicker Free - OSRAM OT/FT

LIGHT SOURCE / OPTIC

- **LED Type** : SMD 2835 with TM21 and LM80
- **Color Temperature (CCT)** : Standard 4000K/6500K (3000K and others upon request)
- **Color Rendering Index (CRI)** : Ra > 80 (Ra > 90 upon request)
- **Life Time Residual Flux** : (L70), >50,000 hours @ Ta: 40°C
- **Optical System** : ~120° Opal PC Extrusion Diffuser
- **Working Temperature** : Ta : -30°C to +40°C

FIXTURE/HOUSING

- **Ingress Protection (IP)** : IP65
- **Impact Resistance (IK)** : IK08
- **Housing Material** : PC Extrusion and PC Side Covers
: UL-94 Fire Retardant Grade
: UV Stabilized Polycarbonate

CERTIFICATION AND COMPLIANCE TEST

- **Type Test Certified (Luminaire)** : CB Scheme IEC 60598-1, EN 60598-1
: IEC & EN 60598-2-1, IEC/EN 62471
: EN 62493
- **EMC Certified** : EN 61000-3-2, EN 61000-3-3
: EN 55015, EN 61547
- **LED Compliance Test** : IESNA LM-80
: TM-21
- **Ingress Protection Test** : Accord to IEC 60598-1 (IP65)
- **Impact Resistance Test** : IEC 62262 (IK08)
- **RoHS** : IEC 62321

APPLICATION

- Carpark • Staircase • Canopy • Garden Shed • Walkway
- Corridors • Factory • Warehouse • Underground Tunnel

OPTIONAL FEATURES/ACCESSORIES

- Series Connection Double End Plug-in Version - EY253-36W-SC
- Motion Sensor
- DALI / 1-10V Dimming Control

*Luminaires should be mounted in a shady or covered environment protected against direct sunlight. Due to the possible chemical reaction of polymer nature of housing, luminaire must not be installed in places where there are presence of high concentration of acid or alkaline environment.