

OUTDOOR LED LIGHTING

SANBO/WP

EY253

LED WEATHER-PROOF

EYELITE



EMERGENCY
POWER PACK
COMPATIBLE

CB CE

Apartment Open Staircase, KL, Malaysia



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

EMERGENCY POWER PACK

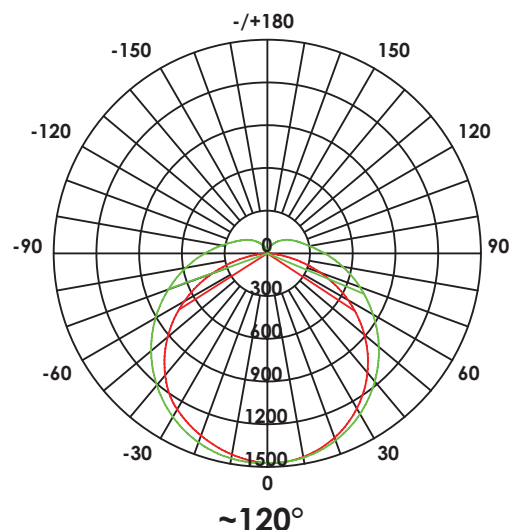
- Optional Emergency Power Pack version (Model: EY253-36W-EM)
- EY253-36W-EM (36W) last up to 3 hours without electricity



105 lm/W $\pm 5\%$

EY253-36W-EM

PHOTOMETRY/BEAM ANGLE



MODEL NO.	EY253-18W	EY253-36W	EY253-50W
Power Consumption $\pm 5\%$ (W)	18W	36W	50W
Luminaire Flux $\pm 5\%$ (lm)	1,890 lm	3,960 lm	5,500 lm
System Efficiency $\pm 5\%$ (lm/W)	105 lm/W	110 lm/W	110 lm/W
Power Factor (PF)	≥ 0.98	≥ 0.98	≥ 0.98
LED Driver Model	Osram OT FIT	Osram OT FIT	Osram OT FIT
LED Chips Quantity (pcs)	66	128	176
Replacement of Magnetic Fluorescent	1 x 36W	2 x 36W	2 x 58W
Total Harmonic Distortion (THD) %	$<10\%$	$<10\%$	$<10\%$
Colour Tolerance (SDCM)	≤ 6	≤ 6	≤ 6
Colour Temperature (CCT)	4000K/6500K	4000K/6500K	4000K/6500K
Net Weight per Luminaire (kg)	0.71	1.10	1.32
Gross Weight per Individual Carton (kg)	0.84	1.31	1.56
Product Dimension, L x W x H (mm)	650 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	1560 x 75 x 85
Master Carton Dimension, L x W x H (mm)	680 x 330 x 460	1280 x 330 x 370	1575 x 250 x 370
Quantity/Master Carton (pcs)	20	16	12
Total Gross Weight/Master Carton (kg)	18.38	22.15	20.15
CBM (m ³)	0.103	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, PF ≥ 0.98
- **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

FIXTURE/HOUSING

- **Ingress Protection (IP)** : IP65
- **Impact Resistance (IK)** : IK08
- **Housing Material** : PC Extrusion and PC Side Covers
UL-94 Fire Retardant Grade
- **Working Temperature** : Ta : -30°C to +40°C

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)

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, Photocell
- DALI / 1-10V Dimming Control
- IoT Smart 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.