

EY253 MICROWAVE SENSOR

IP65 LIGHT
(Indoor use)



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
- Save energy by demand activities
- Standby mode for 36W model consumes only of average 7W
- Sensitive and wide detection area

APPLICATION

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

Standby dimming level at 10% consume only 7w
Holding time is 1 mins



Stand-by dimming level



Hold time

Power consumption at 10% dimming ,EY253-18W: 4w, EY253-36W: 7w

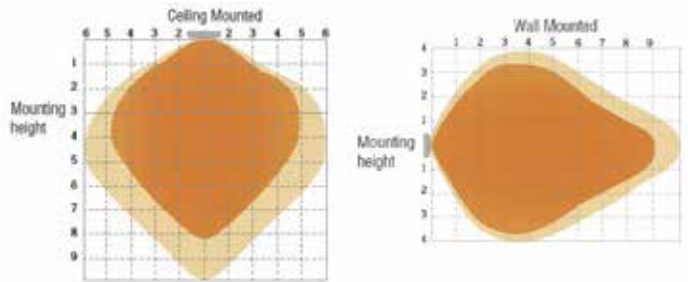


EY253-18WXXKMS



EY253-18WLXXKMS

EY253-36WLXXKMS



Detection Coverage

Well covered Covered

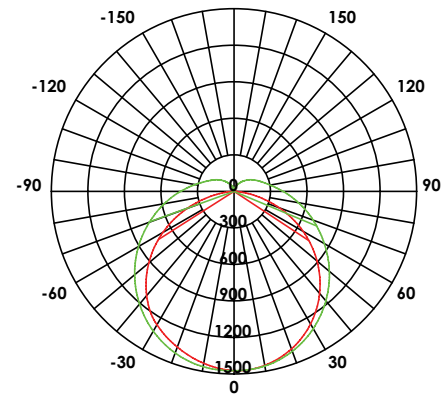
PRODUCT DIMENSION

*Typical Dimension (mm)



Model	L	W	H
EY253-18WXXKMS	650mm	71mm	82mm
EY253-36WLXXKMS	1250mm	71mm	82mm
EY253-36WXXKMS	1250mm	71mm	82mm

PHOTOMETRIC DATA



Model No.	EY253-18WXXXKMS	EY253-18WLXXXKMS	EY253-36WXXXKMS
Power Consumption (W)	18	18	36
Luminaire Flux ± 5%(lm)	1,890	1,980	3,960
System Efficiency ± 5% (lm/W)	105	110	110
Power Factor (PF)	0.9		
Microwave Frequency	5.8GHz +/- 75MHz		
Protection Circuit	Short circuit auto recovery, over voltage, over current, over temperature		
Detection Angle	30° - 150°		
Mounting Distance	Max 6m (ceiling mounted), Max 3m (wall mounted)		
Detection Range	Max 14m (ceiling mounted), Max 10m (wall mounted)		
Net Weight /pc (kg)	0.71	1.08	1.10
Gross Weight (kg)	18.38	22.15	22.15
Product Dimension L x W x H (mm)	650 x 71 x 82	1250 x 71 x 82	1250 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
Master Carton Dimension L x W x H (mm)	680 x 330 x 460 /20pcs	1280 x 330 x370 /16pcs	1280 x 330 x370 /16pcs
CBM (m³)	0.103	0.156	0.156

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

Note: Model number EY253-18WXXXMS XXX denotes CCT, 30K;3000K 40K:4000K 65K: 6500K

TECHNICAL SPECIFICATION

ELECTRICAL SYSTEM

Input Voltage	Protection Class	Input Current	LED Driver
200-240Vac, 50/60Hz, PF > 0.9	Class I	230Vac	C/W microwave sensor module

Light Source	LED Type	(CRI)	Life Time Residual Flux	Optical System
SMD	2835	Ra > 80	(L70), >50,000 hours @ Ta:40°C	~120° Opal PC Ex- trusion Diffuser

CERTIFICATION & COMPLIANCE TEST

- : IEC 60598-1
- : IEC 60598-2-1
- : EN 61347-1
- : EN 61347-2-13
- : EN 62471
- : EN 55015
- : EN 61000-3-2
- : EN 61000-3-3
- : EN 61547

FIXTURE/HOUSING

- Housing Finish: PC Extrusion & PC Side Covers
UL-94 Fire Retardant Grade