



# **IPM** LED LUMINAIRES FOR INDOOR DIRECTED INDUSTRIAL LIGHTING fixed as handing (suspended) installation

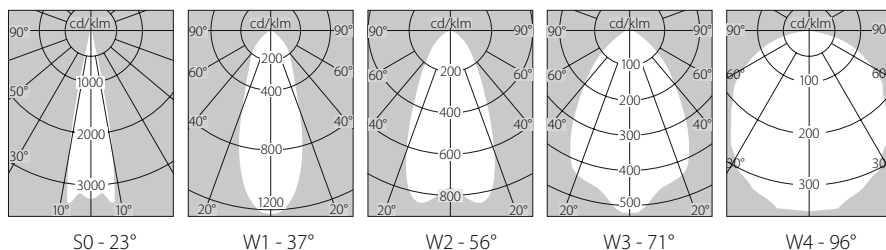
- WORLDWIDE POWERED
- LEDs – 160 LM/W
- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE



# IPM-2S-240, IPM-2S-360, IPM-4S-480

## APPLICATION

The luminaires of the IPM type have been designed for lighting of different kinds of industrial indoor areas or outdoor areas under shelters as per the architectural projects. They have been designed for fixing to the ceiling as handing (suspended) installation.



## SPECIFICATIONS

	IPM-2S-240	IPM-2S-360	IPM-4S-480	
AC Input Voltage		90 ÷ 305 V AC		
DC Input Voltage		127 ÷ 431 V DC		
Mains Frequency		47 ÷ 63 Hz		
Power Factor (PF) at 230 V		min 95 %		
Power Factor (PF) at 115 V		min 98 %		
LED Power	226.8 W	340.2 W	453.6 W	
Power Efficiency		90 %		
Total Power	252 W	378 W	504 W	
LED Light Output		160 lm/W		
Current Efficiency		81 %		
LED Luminous Flux	29 576 lm	44 364 lm	59 152 lm	
Junction Temperature		70°C		
Thermal Efficiency		91 %		
Optical Cover & Lences Efficiency		90 %		
Real Luminaire Efficacy (LER)		98 lm/W		
Real Lamp Luminous Flux for Outdoor White (4000 ÷ 6200 K)	24 760 lm	37 140 lm	49 520 lm	
Neutral White (3700 ÷ 5000 K)	22 960 lm	34 400 lm	45 920 lm	
Light Distribution Angle	S0 - 23°, W1 - 37°, W2 - 56°, W3 - 71°, W4 - 96°			
Setting light intensity by a remote control	option			
Operating Temperature	- 20° ÷ +55°C			
Operating Humidity	10 ÷ 95 % RH			
Lifespan L70	> 160 000 h			
Ingress protection rating	IP 65			
Electrical Safety Class	Class II			
Built in sensor for automatic "ON/OFF" switching	option			
Body	Marine Grade Aluminium Alloy and Stainless steel			
Optical cover	nonorganic glass, PMMA or polycarbonate			
Dimensions	L W H	530 mm 315 mm 125 mm	1100 mm 315 mm 125 mm	530 mm 700 mm 125 mm
Weight		9.5 kg	12 kg	18 kg

## ORDERING IPM

