



IU INDUSTRIAL LED LUMINAIRES WITH UNIVERSAL MOUNTING

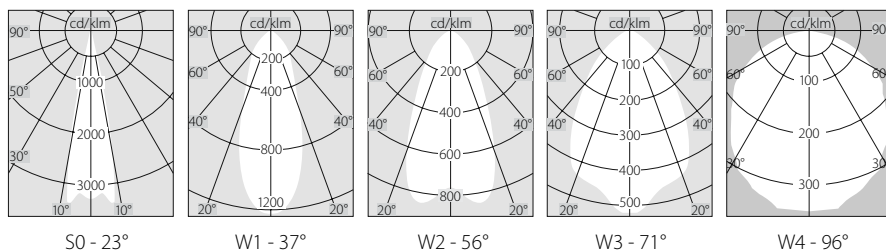
- WORLDWIDE POWERED
- LEDs – 148 LM/W
- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE



IU10, IU20, IU30, IU40, IU60

APPLICATION

The luminaires of the IU type have been designed for lighting different kinds of industrial indoor areas or outdoor areas under shelter as per the architectural projects. They have been designed for fixing to ceilings or to walls at an angle of 45°. The fixing to the ceiling is either stationary or "pendant installation".



SPECIFICATIONS

	IU10*	IU20*	IU30	IU40	IU60
AC Input Voltage	180 ÷ 264 V AC or 90 ÷ 132 V AC		90 ÷ 305 V AC	90 ÷ 305 V AC	90 ÷ 305 V AC
DC Input Voltage	257 ÷ 370 V DC or 127 ÷ 186 V DC		127 ÷ 431 V DC	127 ÷ 431 V DC	127 ÷ 431 V DC
Mains Frequency	47 ÷ 63 Hz				
Power Factor (PF) at 230V	-		min 95 %	min 95 %	min 95 %
Power Factor (PF) at 115V	-		min 98 %	min 98 %	min 98 %
LED Power	8.2 W	14.4 W	30.4 W	36.9 W	57.6 W
Power Efficiency	78 %	78 %	88 %	91 %	91 %
Total Power	10.5 W	17.4 W	34.5 W	40 W	63 W
LED Light Output	148 lm/W				
Current Efficiency	87 %	86 %	81 %	81 %	81 %
LED Luminous Flux	990 lm	1730 lm	2821 lm	3752 lm	5357 lm
Junction Temperature	70°C	70°C	70°C	70°C	75°C
Optical Cover Efficiency	90 %				
Real Luminaire Efficacy (LER)	75 lm/W	79 lm/W	72 lm/W	72 lm/W	72 lm/W
Color Rendering Index (CRI)	65 ÷ 80				
Real Lamp Luminous Flux for:					
Outdoor White (4000 ÷ 6200 K)	789 lm	1380 lm	2362 lm	3152 lm	4900 lm
Neutral White (3700 ÷ 5000 K)	693 lm	1212 lm	2073 lm	2766 lm	3950 lm
Warm White (2600 ÷ 4300 K)	624 lm	1090 lm	1865 lm	2489 lm	3555 lm
Light Distribution Angle	S0 - 23°, W1 - 37°, W2 - 56°, W3 - 71°, W4 - 96°				
Operating Temperature	-40° ÷ +55°C				
Operating Humidity	10 ÷ 95% RH				
Lifespan L70	> 120 000 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 coloured UV protected polycarbonate				
Optical cover	PMMA or polycarbonate				
Dimensions	L W H	240 mm	310 mm	410 mm 120 mm 85 mm	500 mm 610 mm
Weight		1.5 kg	1.7 kg	2.1 kg	2.6 kg 3.2 kg
Emergency	3 hours; 320 lm				

ORDERING IU

