



SIW HIGH BAY LED LUMINAIRES for fixing to the ceiling and for pendant installation

WORLDWIDE POWERED

ACTIVE POWER FACTOR CORRECTION (PFC)

LEDs – 160 LM/W

NARROW LENSES (HIGH BAY LIGHTS)

SIW

- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE



SIW60, SIW90, SIW120, SIW150, SIW180

Application

The SIW luminaries are designed for illuminating: large and height production facilities, workshops and warehouses, factory areas, storage terminals, exhibition halls etc.



SPECIFICATIONS

	SIW60	SIW90	SIW120	SIW150	SIW180
AC Input Voltage			AC: 90 ÷ 305 V		
DC Input Voltage			DC: 127 ÷ 431 V		
Mains Frequency			47 ÷ 63 Hz		
Power Factor (PF) at 230 V			min 95 %		
Power Factor (PF) at 115 V			min 98 %		
LED Power	56.7 W	87.1 W	115.2 W	145.6 W	170 W
Power Efficiency			90 %		
Total Power Dissipation	63 W	97.5 W	126 W	160.5 W	189 W
LED Light Output			160 lm/W		
Current Efficiency			81 %		
LED Luminous Flux	7 394 lm	11 216 lm	14 788 lm	18 610 W	22 182 lm
Junction Temperature at Ta = 25°C			70° C		
Thermal Efficiency			91 %		
Lens Efficiency			92 %		
Real Luminaire Efficacy (LER)			98 lm/W		
Color Rendering Index (CRI)			65 ÷ 80		
Real Lamp Luminous Flux for:					
Cool White (4000 ÷ 6200 K)	6 190 lm	9 390 lm	12 380 lm	15 580 lm	18 570 lm
Neutral White (3700 ÷ 5000 K)	5 740 lm	8 710 lm	11 480 lm	14 450 lm	17 220 lm
Light Distribution Angle		S – 23°, W1 – 37°, W2 – 56°, W3 – 71°			
Operating Temperature			- 40° ÷ +45° C		
Operating Humidity			10 ÷ 95% RH		
Lifespan L70			> 160 000 h		
Ingress protection rating			IP 65		
Electrical Safety Class			Class II		
Body			Marine Grade Aluminium Alloy		
Dimensions	L H x W	350 mm	520 mm	700 mm 160 x 160 mm	850 mm 1050 mm
Weight		3.6 kg	5.5 kg	7.5 kg	9 kg 11.5 kg
Installation parts			Stainless steel, Al		
Optical cover			polycarbonate/glass		

