



# SI120WC

## HIGH BAY LED LUMINAIRE

WORLDWIDE POWERED

ACTIVE POWER FACTOR CORRECTION (PFC)

LEDs – 160 LM/W

NARROW LENSES (HIGH BAY LIGHTS)

## SI120WC

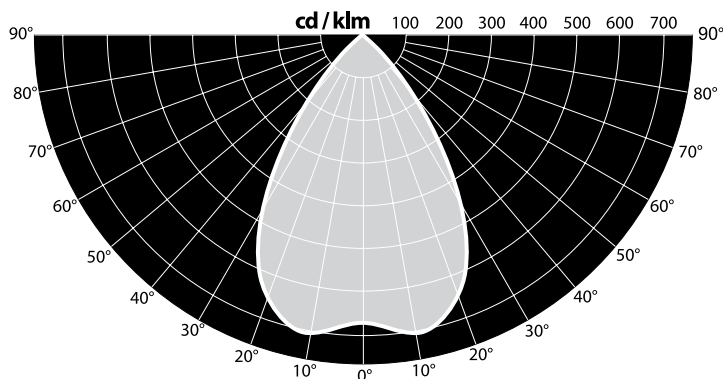
- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE

# SI120WC



## SPECIFICATIONS

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 Dissipation	115.2 W
Power Efficiency	90 %
Total Power Dissipation	126 W
LED Light Output	160 lm/W
Current Efficiency	81 %
LED Luminous Flux	14 788 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 (CRI 65)	12 380 lm
Neutral White (CRI 75)	11 480 lm
Warm White (CRI 80)	9 720 lm
Light Distribution Angle:	
SI120WC	64°
SI120WC - W	40°
SI120WC - M	24°
SI120WC - D	20°
SI120WC - S	13°
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
Optical cover	polycarbonate/glass
Marine Grade Aluminium Alloy Body	
Dimensions	760 x 160 x 160 mm
Weight	8 kg



C E EN61000-6-3:1997, EN61000-6-1:1997  
Quality Assurance ISO 9001:2000; AQAP 2110



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