



# SI180C LED CANOPY LIGHT

WORLDWIDE POWERED

ACTIVE POWER FACTOR CORRECTION (PFC)

LEDs – 160 LM/W

NARROW LENSES (HIGH BAY LIGHTS)

## SI180C

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

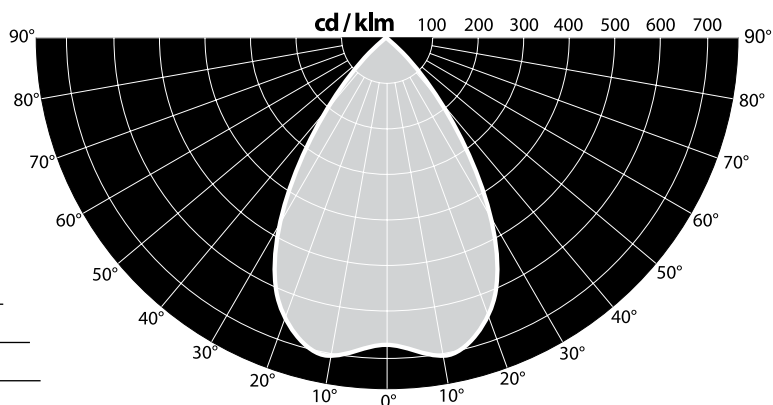


# SI 180C



## SPECIFICATIONS

AC Input Voltage	90 ÷ 305 V AC
DC Input Voltage	127 ÷ 431 V DC
Mains Frequency	47 ÷ 63 Hz
Power Factor (PF) at 230V	min 95 %
Power Factor (PF) at 115V	min 98 %
LED Power Dissipation	170 W
Power Efficiency	90 %
Total Power Dissipation	189 W
LED Light Output	160 lm/W
Current Efficiency	81 %
LED Luminous Flux	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 (CRI 65)	18 570 lm
Neutral White (CRI 75)	17 220 lm
Warm White (CRI 80)	14 580 lm
Light Distribution Angle:	
SI180C	64°
SI180C - W	40°
SI180C - M	24°
SI180C - D	20°
SI180C - 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
Polycarbonate optical cover	optional
Marine Grade Aluminium Alloy Body	
Dimensions	1010 x 180 x 120 mm
Weight	8.5 kg



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



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