

STREET LIGHT

Light fixtures for public lighting

Model line: SLCD1

Basic features

- COB type light source with correction
- heatsink with anti-pollution coating
- designed for highly efficient heat dissipation
- possibility of revitalization of light and power supply
- asymmetric luminous flux in two axes
- possibility of protection up to 20kA



Professional lights SLCD1 series with verified operating reliability. Wide power range enables to optimize the choice of outdoor lighting luminaires such as all kinds of communications, warehouse areas, parking areas and other places. They can also be used indoors in production halls, warehouses, etc.

The long lifetime of the SLCD1 luminaire series is guaranteed by the combination of a high-quality power supply and a custom MCOB with a patented heat sink design. The design of the body of the luminaire uses natural airflow and has a special application with high resistance to dirt adhesion. This significantly extends the maintenance period and reduces the operating costs.

The MCOB technology meets ANSI Binning standards to ensure the same color and intensity of light output. Each individual product fulfills the declared light parameters within the strictest range $\pm 2.5\%$. The revitalization possibility of active technological parts reduces the TCO and extends the lifetime multiple times.

Luminaires SLCD1 have operating reliability in accordance with actual EN standards throughout the ambient temperature range from $-40\text{ }^{\circ}\text{C}$ to $+60\text{ }^{\circ}\text{C}$. The highly durable optics effectively direct the light flux into the $130^{\circ} \times 60^{\circ}$ space with an offset from the vertical axis. Luminaires have a constant luminous flux without a stroboscopic effect.

Each luminaire can be fitted with a 20 kA current protector.



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Technical parameters

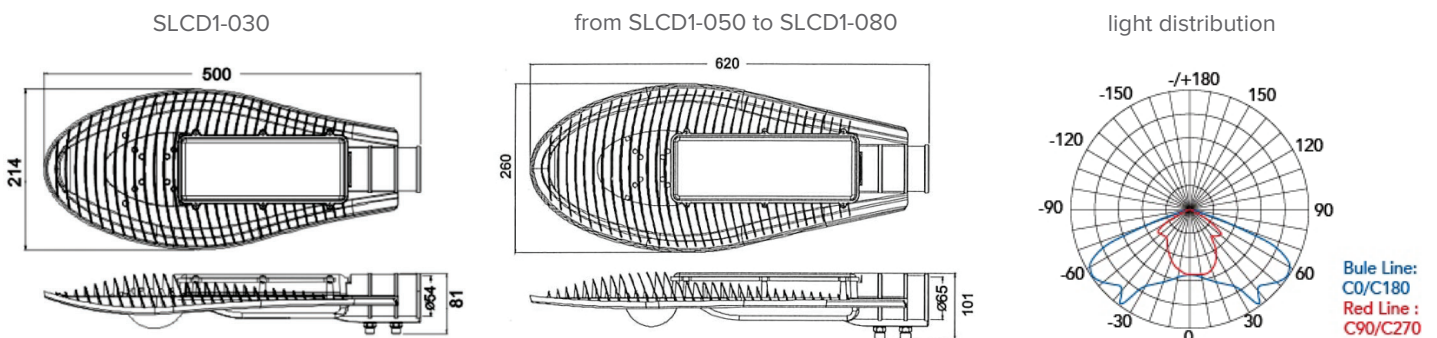
lifetime:	121 500 hours according to TM21
operation temperature range:	- 40 °C to + 60 °C
emitting angle:	130° x 60° asymmetric
ingress protection:	IP65
optional accessories:	protection 20kA (8/20µs)
ecology:	does not contain mercury or silicone
CRI:	>75 or >85
replaceable power supply and light source	

color temperature CCT:	3000K, 4500K or 6000K
driver:	1 pc from HLG-XXX range
power supply:	90 V to 305 V [~] , 47 to 63 Hz
flicker index:	0
flicker frequency:	< 1% / 100 Hz
management:	(A) without management (D) DALI
MTBF:	133 000 hours - driver (D) MIL-HDBK-217F (25 °C)

Model specifications

Model	Power	CCT	Luminous flux	PFC	Dimensions (AxBxC)	Weight
SLCD1-030W	29 W	3000 K	3 200 lm	>0,97	500 x 214 x 81 mm	2,5 kg
SLCD1-050W	49 W	3000 K	5 600 lm	>0,97	620 x 260 x 101 mm	3,6 kg
SLCD1-060W	58 W	3000 K	6 530 lm	>0,97	620 x 260 x 101 mm	3,6 kg
SLCD1-080W	82 W	3000 K	9 550 lm	>0,97	620 x 260 x 101 mm	3,6 kg

The luminous flux tolerance and other photometric measurements were carried out in accordance with EN 13032-5.



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