

SS-562033-SV

LED upgrade plate for heritage style street lighting



LED Street and Outdoor Lighting

These LED modules are suitable for standard-compliant street lighting, paths and squares in accordance with EN 13201.

These modules are designed for built-in into luminaire casings. They enable a modular luminaire design.

Technical notes

LED built-in module for integration into luminaires

4, 8, 16 or 32 high-efficient High Power LEDs

Allwed operating temperature at t_c point

at $I_F = 700 \text{ mA}$: -30 to 85°C

Use of external LED constant current driver

Design for optimum thermal management

Efficiency up to 154 lm/W

Lumen maintenance L80/B10:

50,000 hrs. ($I_F 1050 \text{ mA}$) at $t_p 60^\circ\text{C}$

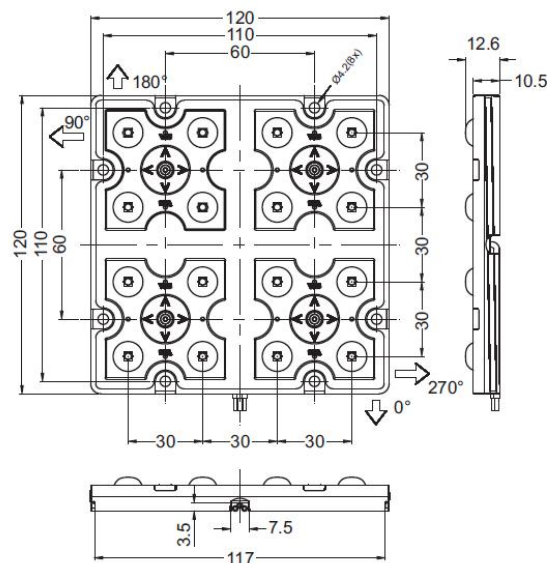
Colour accuracy initially: 5 SDCM

ESD protection class 2

Surge protection: 4 kV (except WU-M-479)

Typical Applications

- Integration in luminaires
- Streetlighting for ME- and S-classes (acc. to EN 13201)
- Illumination of public places



Type	Colour	Correlated colour temperature* K	Typ. luminous flux and efficiency, typical voltage (U _{typ.}) and power consumption (P _{el})								CRI***
			350mA		700mA		1050mA		1400mA		
			lm	lm/w	lm	lm/w	lm	lm/w	lm	lm/w	Ra
IP66											
16 LED's			P _{el} = 15.4 W U _{typ.} = 43.9 V		P _{el} = 32.2 W U _{typ.} = 46 V		P _{el} = 50.1 W U _{typ.} = 47.7 V		P _{el} = 68.9 W U _{typ.} = 49.2 V		
SS-562033-SV	warm white	3000	2170	141	4105	128	5795	116	7230	105	>70



LED Driver IP67 700-2100 mA

Dimensions (LxWxH): 185.5x49.4x40.6 mm (M56)
216x68.6x46.3 mm (M58)
206x68.6x37 mm (M58.1)

Power factor at full load: > 0.9
Mains voltage: 220-240 V \pm 10%, 50-60 Hz
Max. voltage without load: 75 / 85 V
Ambient temperature: -30 to 50 °C



P. 98



Ref. No.	Casing	Max. output W	Mains voltage (V) 50-60 Hz AC (V)	Mains current mA	Current output DC (mA)	Voltage output DC (V)	Efficiency at full load % (230 V)	Max. casing temperature °C
SS-186452-SV	M56	50	220-240	255-235	700 \pm 5%	35-72	> 88	75