

PRODUCT DATASHEET

SKY G5 200W 4000K 30000 lm G5

SKY STREETLIGHT NEMA7 G5 | LED luminaires for public lighting and outdoor areas



Areas of application

- Parking lots, city squares, parks
- Public areas (stations, stadiums)
- Street lighting, city lighting
- Rural areas, villages
- Road lighting

Product benefits

- Quick and easy wiring, due to tool-free housing opening and push button terminal
- Durable design and highest quality component selection for long lasting performance
- Low maintenance and operation costs due to long lifetime of LED
- Instant 100 % light, no warm-up time
- Low energy consumption
- 5 years guarantee

Product features

- 1-10V dimming driver
- Operating temperature: -30...50 °C
- High luminous efficacy: up to 150 lm/W
- Surge protection: up to 10 kV (L/N-PE)
- Material: aluminum
- Impact resistance: IK08
- Type of protection: IP66
- L70 service life of up to 102,000 hours

TECHNICAL DATA

Electrical data

Nominal wattage	200.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Nominal current	2222...802 mA
Power factor λ	> 0.92
Total harmonic distortion	< 20 %
Protection class	I

Photometrical data

Luminous flux	30000 lm
Luminous efficacy	150 lm/W
Color temperature	4000 K
Light color (designation)	Neutral White
Color rendering index Ra	> 70
Standard deviation of color matching	< 5 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	<1
Beam angle	150 ° x 90 °

Dimensions & Weight

Length	566.00 mm
Width	250.00 mm
Height	105.00 mm
Product weight	4750.00 g

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Tempered glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+50 °C
Type of connection	Cable, 3-pole
Type of protection	IP66

Protection class IK (shock resistance)	IK08
Dimmable	Yes
Type of dimming	0-10V
Mounting type	Post top
Mounting location	Pole
Application environment	Outdoor

Lifespan


Lifespan L70/B50 at 25 °C	102000 h ¹⁾
Number of switching cycles	50000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	INMETRO / PROCEL
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

Photometric and lighting design files		Document name
	LDT file (Eulumdat)	SKY 5Y 200W 4000K G5

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854275128	Shipping box 1	713 mm x 298 mm x 159 mm	5625.00 g	33.78 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.