

# PRODUCT DATASHEET

## SKY G5 55W 5000K 8250 lm G5

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



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### Areas of application

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

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### 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

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### 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	55.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Nominal current	911...220 mA
Power factor $\lambda$	> 0.92
Total harmonic distortion	< 20 %
Protection class	I

### Photometrical data

Luminous flux	8250 lm
Luminous efficacy	150 lm/W
Color temperature	5000 K
Light color (designation)	Cool 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	476.00 mm
Width	140.00 mm
Height	102.00 mm
Product weight	2150.00 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 <sup>1)</sup>
Number of switching cycles	50000

<sup>1)</sup> 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 55W 5000K G5 8250 lm

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854274626	Shipping box 1	524 mm x 188 mm x 157 mm	2640.00 g	15.47 dm <sup>3</sup>

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

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