

PRODUCT DATASHEET

AREALIGHT G4 120W 4000K 16200 lm G4

AREALIGHT NEMA3 G4 | 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

- 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

- Light distributions optimized for streets of similar width to the pole height
- High luminous efficacy: up to 135 lm/W
- Surge protection: up to 10 kV (L/N-PE)
- Material: aluminum
- Impact resistance: IK08
- L70 service life of up to 102,000 hours
- Type of protection: IP66

TECHNICAL DATA

Electrical data

Nominal wattage	120.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Power factor λ	> 0.92
Total harmonic distortion	< 20 %
Protection class	II

Photometrical data

Luminous flux	16200 lm
Luminous efficacy	135 lm/W
Color temperature	4000 K
Light color (designation)	Neutral White
Color rendering index Ra	> 70
Standard deviation of color matching	< 5 sdcn
Low flicker	Yes
Flickering metric (Pst LM)	<1
Beam angle	150 ° x 90 °

Dimensions & Weight

Length	638.00 mm
Width	263.00 mm
Height	155.00 mm
Product weight	3600.00 g

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Aluminum
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	No
Mounting type	Side entry/post top
Mounting location	Pole
Application environment	Outdoor
Replaceable light source	No

Lifespan


Lifespan L70/B50 at 25 °C	102000 h ¹⁾
Lifespan L90/B10 at 25 °C	100000 h
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

Documents and certificates		Document name
	Declarations of conformity	SL FLEX MD

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854274107	Shipping box 1	638 mm x 263 mm x 155 mm	4328.00 g	26.01 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.