

# PRODUCT DATASHEET

## LED Street Light AUREA 80 W 3000-6500 K

LL LED Street Light AUREA Series



### AREAS OF APPLICATION

- Replacement for Halogen/Metal Halide Streetlights
- Open Parking Areas
- Public areas
- Streets

### PRODUCT BENEFITS

- Highly efficient LED chip and high IP rating on luminaire front side
- Low maintenance and operation costs due to long lifetime of LED
- Energy savings up to 90% compared to Halogen Lamps
- Energy savings thanks to system efficiency of up to 130 lm/W
- Suitable for use in open areas

### PRODUCT FEATURES

- Luminaire efficacy: up to 130 lm/W
- Symmetrical beam angle: 90°-120°
- Mounting bracket for up to -15° - 0° - +15° tilting
- Type of protection: IP66
- Impact resistance: IK08
- Ambient temperature in operation: -20...+50 °C
- Connection via 1 m cable, wiring required



## TECHNICAL DATA

### Electrical data

Nominal wattage	80 W
Nominal voltage	220-240 V
Power Factor	0.9
Mains Frequency	50 Hz
THD	<10%

### Photometrical data

Color temperature	3000 K - 6500 K
Luminous flux	10,400 lm
Luminous efficacy	130 lm/W
Standard deviation of color matching	≤4 sdc <sub>m</sub>
Light color (designation)	Warm White – Cool White - Day Light
Color rendering index Ra	80
LED Chip	Osram/Philips/Samsung
Driver	Meanwell/MOSO

### Light technical data

Beam angle	90° - 120°
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### Dimensions

Shape	Irregular Rectangular with curved edges
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### Colors & materials

Body material	Die Cast Aluminum Housing + Optical PC Lens
Housing color	Grey
Product color	Grey

### Temperature & operating conditions

Ambient temperature range	-20°C ~ +50°C
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### Lifespan

Lifespan L70 at 25 °C	50,000 h
Number of switching cycles	100,000

## Additional product data

Mounting type	LED Post Top Light with Adjustable Arm
Mounting location	Pole

## Capabilities

Adjustable	Yes
Dimmable	No
Type of connection	Cable, 3-Pole
Technology	LED

## Certificates & standards

Protection class	II
Type of protection	IP 66
Standards	CE/RoHS/IES

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