

# SIRIUS 16W for Street Lamps E27

**hansen**

The **hansen SIRIUS 16W** has been specially designed for use in street and car park lamps. It allows easy conversion of conventional lighting systems to more energy-efficient LED technology.

## 50 W HQL lamp equivalent

With a power consumption of 16 watts and a high luminous efficacy of 125 lm/W, it can replace an 50 W HQL lamp.

## High-quality SMD LEDs

The 72 powerful light-emitting diodes (LEDs) are mounted on a metal-core circuit board. This ensures good heat dissipation and a long lifetime.

## hansen converter

The integrated converter was developed and produced in-house by Hansen. Like the LEDs, it is provided with a transparent lacquer coating protecting it against ambient humidity.

With its **E27** base, the **SIRIUS 16W** can be used in luminaires with ballast for mercury vapour lamps (HQL) or in luminaires without ballast. Other ballasts may damage the LED illuminant. (Not suitable for use with ballasts with ignitor)

When used with HQL lamps, the ballast draws additional power (approx. 10 W). When using the **SIRIUS 16W**, the same ballast will not consume any additional power.

Hence, leaving such a ballast in the luminaire when converting to the **SIRIUS 16W** does not represent a disadvantage in terms of energy consumption. Only the risk of the ballast as a possible source of defect remains.

### Electrical data

Mains input voltage:	180 - 260 V / 50 - 60 Hz
Power consumption:	16 W
Power factor:	> 0.95
Protection class:	II
Radio interference suppression:	acc. to EN 55015 / CISPR15
Harmonic current emission:	acc. to EN 61000-3-2
EMC immunity:	acc. to EN 61547

### Photometric data (for white LEDs)

Colour temperature:	3000 K   4000K   5000 K
Luminous flux:	1,920 lm   2,000 lm   1,900 lm
Residual luminous flux:	80% after 50,000 operating hours
Colour rendering index:	CRI typ. 80
Angle of radiation:	Module: 360°, single LED: 120°

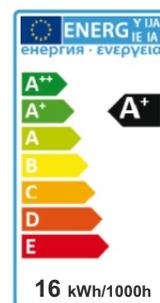
### Other data

Energy efficiency class:	A+
Screw base:	E27
Degree of protection:	IP20
Ambient temperature:	-25°C to 40°C
Dimensions (Ø x L):	77 x 174 mm
Weight:	150 g
Housing:	ABS, white
Certification:	CE, RoHS

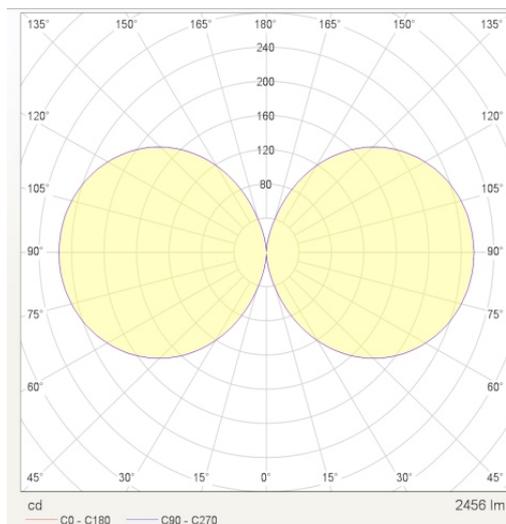


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### Light distribution curve



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