



Typical application examples of the SIRIUS 20W | 24W

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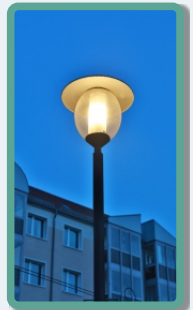
 Made in Germany 

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SIRIUS

20W | 24W

LED replacement for high-pressure mercury vapour (HPMV) lamps



- Simple and safe replacement
- Highly efficient and durable
 - Instant full brightness
 - Low weight

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SIRIUS



IP 20

- E27 screw base
- Weight: 150 g
- Diameter: 77 mm

The **hansen SIRIUS 20W | 24W** has been specially developed for use in street and park lamps and is produced in-house. It allows an easy upgrade of conventional lighting to energy-efficient LED technology and is ideally suited for the conversion of old luminaires in historic town centres.

Example: replacement of a 80 W HPMV lamp

Thanks to its luminous efficacy of 125 lm/W and power consumption of 20 W, the **SIRIUS 20W** can replace a 80 W high-pressure mercury vapour (HPMV) lamp.

High-quality SMD LEDs

The 72 powerful LEDs are mounted on metal core printed circuit boards which ensures good heat dissipation and a long lifetime. The **SIRIUS** is available with white LEDs in various colour temperatures from 2,700 K (warm white) to 5,000 K (daylight white).

hansen converter

The integrated converter is our own development and is produced in-house. Like the LEDs it is covered with a special transparent coating protecting it against ambient humidity.

E27 screw base

With its E27 screw base the **SIRIUS** can be used in luminaires with ballast for mercury vapour lamps or in luminaires without ballast.

SIRIUS 20W | 24W

Electrical data:

Mains input	180–260 V / 50–60 Hz
Power consumption	20 W or 24 W
Power factor	> 0.95
Protection class	II

Photometric data:

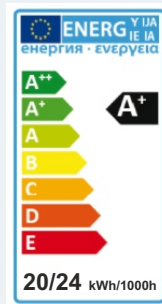
Residual luminous flux	80 % after 50,000 op. hours
LED colours	White (others on request)
Colour rendering index	CRI typ. 80
Angle of radiation	Module: 360° Single LEDs: 120°

SIRIUS 20W

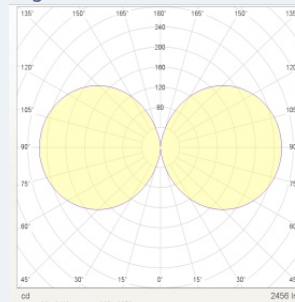
Colour temperatures	3000 K 4000 K 5000 K
Luminous flux	2400 lm 2500 lm 2380 lm
Weight	150 g

SIRIUS 24W

Colour temperatures	3000 K 4000 K 5000 K
Luminous flux	2760 lm 2880 lm 2700 lm
Weight	150 g



Light distribution curve



For additional up-to-date technical data please refer to our website at www.hansen-led.com or contact us using the contact details on the back of this flyer.

LED replacement for HPMV lamps • Made by hansen = made in Germany



Christian Jensen college, Breklum, Germany



Industrial heritage site, "Zeche Zollverein", Essen, Germany



Historic city centre, Potsdam, Germany



On the production floor