

HE-TLED MACHINE LIGHTING

For constant illumination inside the machine, the HE-TLED lighting system was developed on a modular basis. As a result, the light provided by this system in the interior can be adapted specifically to actual needs. Units with three, six, nine, or twelve LEDs are available.



Modular machine interior lighting HE-TLED

The housing of the HE-TLED is of aluminium and polycarbonate and is ideal for dusty or wet environmental conditions e.g. inside machines. Also a scratchproof glass variant is available as an option for use in machining production areas. All HE-TLED versions fulfil the protective requirements for IP 68. The encapsulated design is an effective barrier against foreign particles and moisture for a constant high quality lighting at all times.

An LED has a max life of 50,000 hours, reducing maintenance work to a considerable degree. This long life and high lighting quality also help to reduce maintenance and energy consumption.



Machine interior lighting HE-TLED with three LED

Advantages of using HETLED lamps

- Compact measurements with maximum illumination
- Robust design for demanding applications
- Adjustable lighting angle, high flexibility
- Innovative fastening modes for max. installation convenience
- Resistant to most coolants and lubricants
- High IP rating, energy efficient
- LED technology for up to 50,000 hours of operation



Fastening with clips



Screw union with mount, see page 16

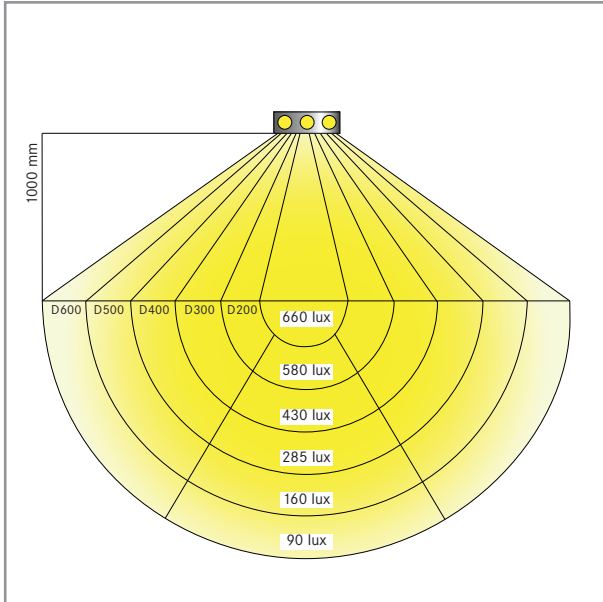


	HE-TLED 3	HE-TLED 6	HE-TLED 9	HE-TLED 12
Operating voltage 500 mA	6 W	12 W	18 W	24 W
Current	12-24 VDC/230 VAC	12-24 VDC/230 VAC	230 VAC	230 VAC
IEC marking	III	III	III	III
cable length	1.5 m	1.5 m	1.5 m	1.5 m
LED life	50 000 h	50 000 h	50 000 h	50 000 h
LED no	3	6	9	12
Light temperature	5000 K	5000 K	5000 K	5000 K
Lens	8° - 25° - 40°	8° - 25° - 40°	8° - 25° - 40°	8° - 25° - 40°
Dimensions (mm)	Ø 36x167	Ø 36x302	Ø 36x437	Ø 36x572
Fasteners	2 metal clips	2 metal clips	2 metal clips	2 metal clips
Colour	alloy	alloy	alloy	alloy
IP rating	IP68	IP68	IP68	IP68

HEMA also supplies an adapter matching the ordered illuminant type. Solely the operating voltage must be specified on the order (see table above). Delivered with cable lengths from 1.5 to 6 m. 230 Vac cables fitted with two-pin plug, 12-24 Vdc cable ends of bare wires.

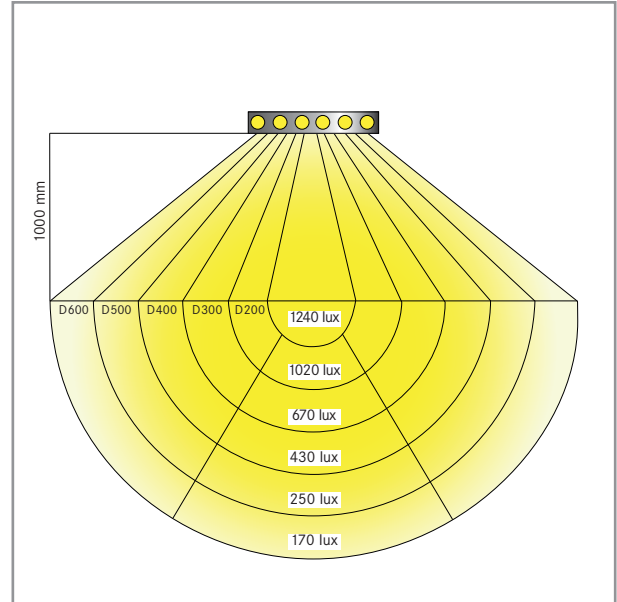
ILLUMINATION DISTRIBUTION CHARTS

HE-TLED3



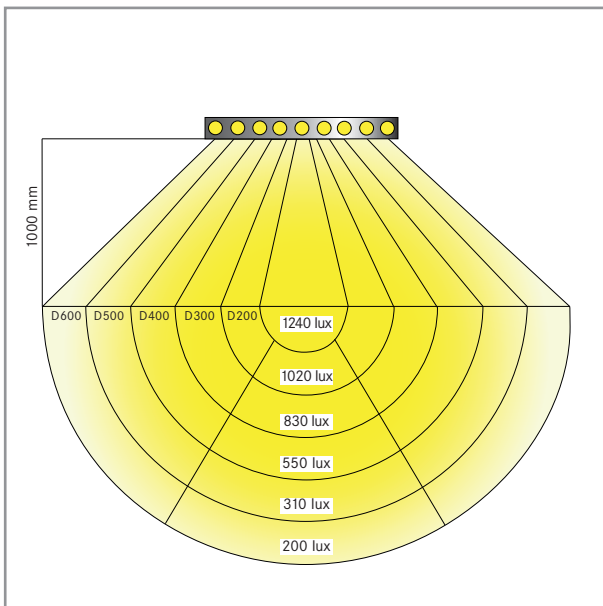
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Lens	40°
Current	500 mA
Lighting systems	HE-TLED3

HE-TLED6



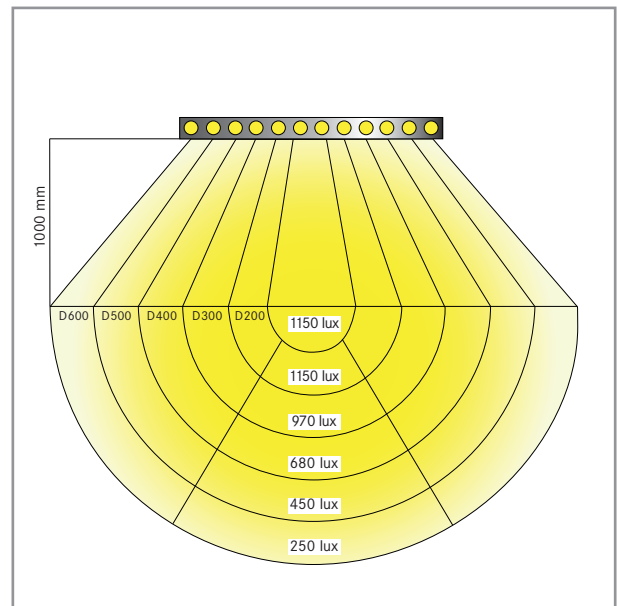
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Lens	40°
Current	500 mA
Lighting systems	HE-TLED6

HE-TLED9



Technical details	Page 14
Lens	40°
Current	500 mA
Lighting systems	HE-TLED9

HE-TLED12



Technical details	Page 14
Lens	40°
Current	500 mA
Lighting systems	HE-TLED12

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