

SPOT LIGHTING

3

LIGHTING SYSTEMS

These recessed spot lamps are a compact LED lighting system for space saving solutions. The lamp head is of anodised aluminium in the standard colour black, with other colours available on request.

The spot lamps must be fitted in a recess matching their diameters and secured with a screw.

4

WORKPLACE LIGHTING

The advantages of the HE-P LED spot lamps:

- Fitted in the machine housing for space saving solutions
- No projecting edges where swarf, etc., can collect
- Lighting angles 8°, 25°, 40°
- Resistant to most coolants and lubricants
- Variable number of LEDs: 1, 3, or 6 LEDs per head

8

SPOT FITTING LIGHTING



Type HE-P6 with 6 LEDs

12

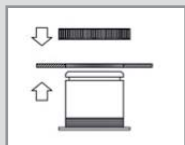
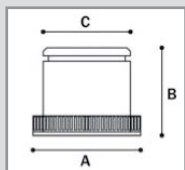
MACHINE LIGHTING



19

INTEGRATED LIGHTING

Type	HE-P1	HE-P3	HE-P6
No of LEDs	1	3	6
LED life	50,000 h	50,000 h	50,000 h
Brightness/Lens	diffuse / 8°, 25°, 40°	diffuse / 8°, 25°, 40°	diffuse / 8°, 25°, 40°
Light temperature	5000 K	5000 K	5000 K
Dimensions	A = 40mm B = 31.5mm C = 30mm	A = 70mm B = 53mm C = 61mm	A = 70mm B = 53mm C = 61mm
Fasteners	groove nut	groove nut	groove nut
IP rating	IP 67	IP 67	IP 67
Colour	black, other colours on request	black, other colours on request	black, other colours on request



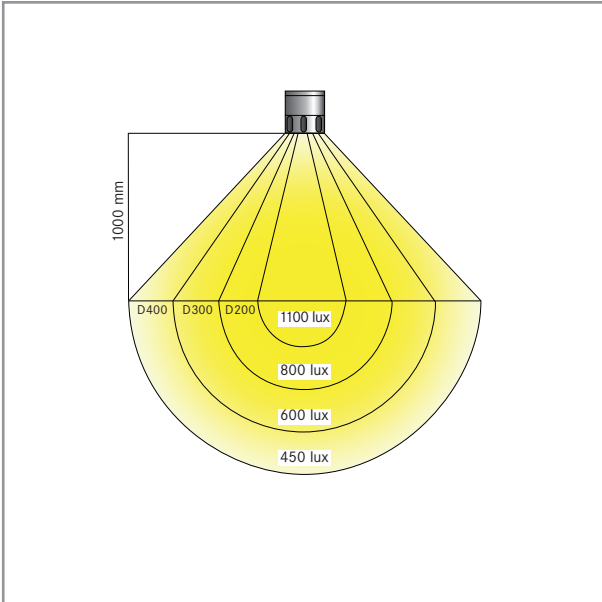
Electrical properties

Lamp type	HE-P1	HE-P3	HE-P6
Operating voltage	12-24 VDC/230 VAC	12-24 VDC/230 VAC	12-24 VDC/230 VAC
Current 700 mA	3 W	9 W	18 W
IEC marking	III	III	III

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.

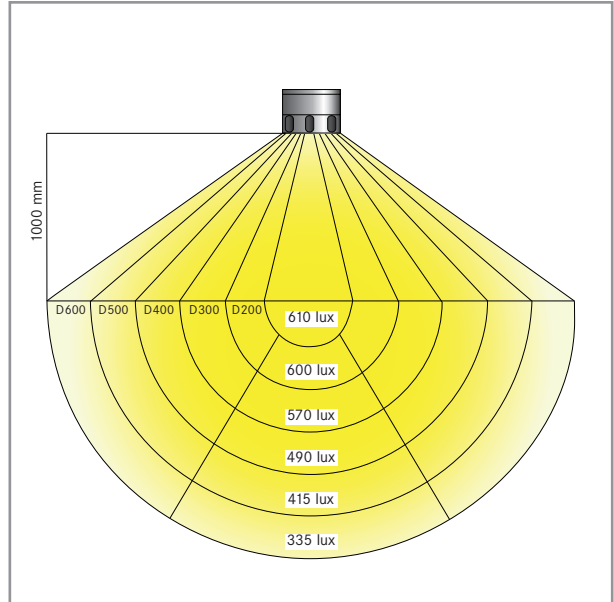
ILLUMINATION DISTRIBUTION CHARTS

HE-P1



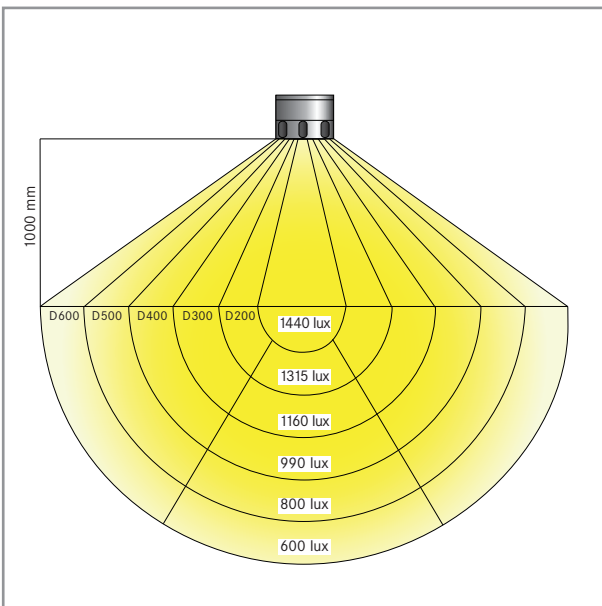
Technical details	Page 8
Lens	40°
Current	700 mA / 3W
Lighting systems	HE-P1

HE-P3



Technical details	Page 8
Lens	40°
Current	700 mA / 9W
Lighting systems	HE-P3

HE-P6



Technical details	Page 8
Lens	40°
Current	700 mA / 18W
Lighting systems	HE-P6

LIGHTING SYSTEMS	3
WORKPLACE LIGHTING	4
SPOT FITTING LIGHTING	9
MACHINE LIGHTING	12
INTEGRATED LIGHTING	19