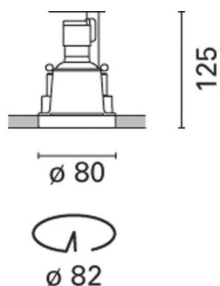


Last information update: June 2023

Product configuration: M944

M944: medium body, Minimal installation 6 LEDwarm white spot

**Product code**M944: medium body, Minimal installation 6 LEDwarm white spot **Attention! Code no longer in production****Technical description**

Fixed round recessed luminaire designed to use a 6X1,5W LED lamp in warm white (3100°K) with spot optic. Flush-mounting recessed item without rim consists of a die-cast aluminium ring for fixing the recessed luminaire to false ceilings made of plasterboard 12.5 mm thick. The upper part is a heat sink which helps to carry away the heat given off by the lamp. LED optics with a single lens made of thermoplastic material. Lamp set back 40 mm for greater visual comfort.

Installation

Installation flush with the ceiling is for false ceilings 12.5 mm thick

Colour

White (01) | Grey (15)

Mounting

wall recessed|ceiling recessed

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	700	CRI (minimum):	80
W system:	10	Colour temperature [K]:	3000
lm source:	1000	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	8.7	Ballast losses [W]:	1.3
Luminous efficiency (lm/W, 70 real value):		Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	70	Number of optical assemblies:	1
Beam angle [°]:	14°		

Polar

Imax=6284 cd		Lux			
90°	180°	h	d	Em	Emax
		2	0.5	1224	1571
		4	1	306	393
		6	1.5	136	175
		8	2	76	98
$\alpha = 14^\circ$					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	61	57	55	53	57	54	54	51	73
1.0	64	61	58	56	60	58	57	55	78
1.5	68	65	63	61	64	63	62	60	85
2.0	70	68	67	65	67	66	65	63	90
2.5	72	70	69	68	69	68	67	65	93
3.0	73	72	71	70	70	70	69	67	95
4.0	74	73	72	72	72	71	70	68	97
5.0	74	74	73	73	72	72	71	69	98

Luminance curve limit

