

Deep Laser

Design iGuzzini

iGuzzini

Last information update: October 2023

Product configuration: M938

M938: small body, Frame installation LED cool white INVERTER



Product code

M938: small body, Frame installation LED cool white INVERTER **Attention! Code no longer in production**

Technical description

Fixed round recessed luminaire designed to use a 1X3W LED lamp in cool white, model with INVERTER with flood optic. Recessed item with rim consisting of a single die-cast aluminium body. 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.

Installation

Recessed using springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 20 mm.

Colour

Grey (15) | White (01)

Mounting

ceiling recessed

Wiring

Product complete with electronic components and batteries

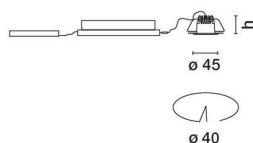
Complies with EN60598-1 and pertinent regulations



IP20

IP23

On the visible part of the product once installed



Technical data

lm system:	90
W system:	3
lm source:	90
W source:	3
Luminous efficiency (lm/W, real value):	30
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	100

Colour temperature [K]:	6000
Life Time LED 1:	50,000h - L80 - B20 (Ta 25°C)
Ballast losses [W]:	0
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1

Polar

Imax=24 cd		Lux			
90°	180°	90°	h	d	Em Emax
			1	5.5	12 24
			2	11	3 6
			3	16.5	1 3
			4	22	0.7 1
$\alpha = 140^\circ$					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	61	49	41	35	48	40	40	32	32
1.0	68	57	48	42	55	47	47	39	39
1.5	78	69	62	56	67	60	59	52	52
2.0	85	77	71	65	75	69	68	61	61
2.5	89	82	77	72	80	75	74	67	67
3.0	92	86	81	77	84	79	78	72	72
4.0	96	91	87	83	88	85	83	78	78
5.0	98	94	90	87	92	88	87	81	81
