

Last information update: May 2018



**5 - cell Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Spot optic**

**Product code**

P131

**Technical description**

rectangular miniaturised recessed luminaire with 5 optical elements with LED lamps - fixed optics - spot beam angle. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with DALI dimmable electronic control gear connected to the luminaire. Warm white high colour rendering LED.

**Installation**

recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 141

**Dimension (mm)**

148x44x54

**Colour**

White (01) | White/Brass (41) | Black/Black (43) | Black/White (47) | Grey/Black (74) | (E7)

**Weight (Kg)**

0.3

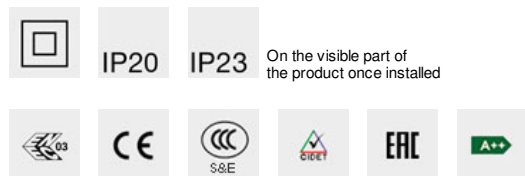
**Mounting**

wall recessed|ceiling recessed

**Wiring**

on control gear box; screw connections with terminal block included

Complies with EN60598-1 and pertinent regulations



**Product configuration: P131**

**Product characteristics**

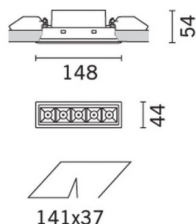
Total lighting output [Lm]: 671.5  
 Total power [W]: 13  
 Luminous efficacy [Lm/W]: 51.7  
 Life Time: 50,000h - L90 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: -  
 Number of optical assemblies: 1

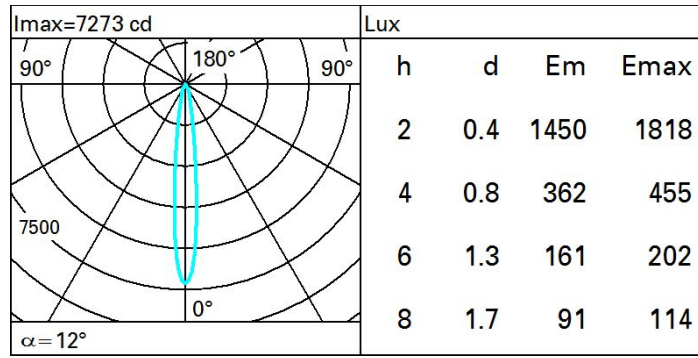
**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 79  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 10  
 Nominal luminous [Lm]: 850  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: 12°

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 3  
 Colour temperature [K]: 2700  
 CRI: 95  
 Wavelength [Nm]: /  
 MacAdam Step: 3



**Polar**



**Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	75	71	69	67	71	68	68	66	83
1.5	78	76	74	72	75	73	72	70	89
2.0	81	79	77	76	78	76	76	73	93
2.5	82	81	80	79	80	79	78	76	96
3.0	83	82	81	81	81	80	79	77	98
4.0	84	83	83	82	82	82	80	79	99
5.0	84	84	84	83	83	82	81	79	100