

Last information update: May 2018



Minimal Adjustable Recessed Luminaire - Warm White LED - Spot beam - ON-OFF

Product code

P745

Technical description

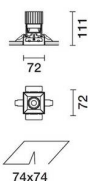
Recessed luminaire with adjustable optic for warm white LED 2700K with high colour rendering index. Passive cooling system. Adjustable body can be rotated within the recess to ensure precise lighting and considerably reduced direct glare. 355° internal rotation and max 30° oscillation with continuous friction. Adapter for false ceilings with bracket system adapting to panel thickness, for installation flush with the ceiling. Fixed recess structure in die-cast aluminium. The recessed luminaire includes a radiant aluminium element, a steel junction for the optical assembly and a thermoplastic rotation ring. Advanced technology OPTI BEAM LENS provides a fine and well defined beam. External thermoplastic anti-glare screen. Transparent protection glass for LED light source. Supplied with electronic power supply unit connected to the luminaire.

Installation

Recessed with steel torsional springs on a specific adapter (included), ensuring flush ceiling installation. Fixed to false ceiling with adapter screws (thickness from 12.5 mm to 25 mm); the wall is then filled and skim-coated; insertion of recess and finishing touches. Recess opening 74 x 74 mm.

Dimension (mm)

72x72x111



Colour

White (01) | Black (04)

Weight (Kg)

0.58

Mounting

wall recessed|ceiling recessed

Wiring

Quick-fit power supply connection to terminal block.

Notes

Vast range of technical and decorative accessories available; option to install 2 accessories at the same time.

Complies with EN60598-1 and pertinent regulations

IP20 IP23 On the visible part of the product once installed



Product configuration: P745.01

Product characteristics

Total lighting output [Lm]: 286.7
 Total power [W]: 8.2
 Luminous efficacy [Lm/W]: 35
 Life Time: > 50,000h - L90 - B10 (Ta 25°C)

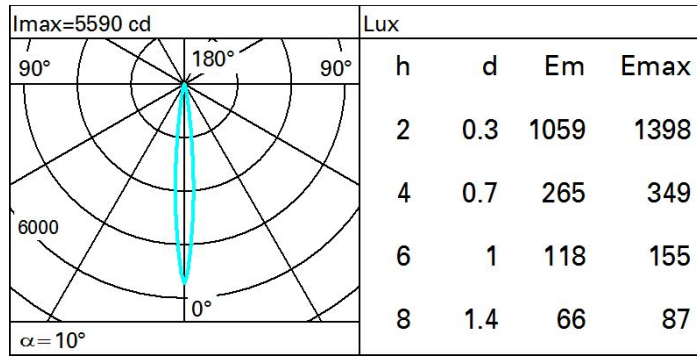
Total luminous flux at or above an angle of 90° [Lm]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: -
 Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 61
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: 6.1
 Nominal luminous [Lm]: 470
 Lamp maximum intensity [cd]: /
 Beam angle [°]: 10°

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 2.1
 Colour temperature [K]: 2700
 CRI: 90
 Wavelength [Nm]: /
 MacAdam Step: 3

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	55	52	50	49	52	50	50	48	78
1.0	57	55	53	52	54	53	52	50	83
1.5	60	58	57	56	58	56	56	54	89
2.0	62	61	60	59	60	59	58	57	93
2.5	63	62	61	61	61	61	60	58	96
3.0	64	63	63	62	62	62	61	60	98
4.0	65	64	64	64	63	63	62	61	99
5.0	65	65	65	64	64	64	63	61	100

Luminance curve limit

