

Last information update: June 2018



Fixed circular recessed luminaire - Ø212 mm - warm white - wide flood optic - UGR<10

Product code
P610

Technical description

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Optic with supercomfort reflector vacuum-metallised with aluminium vapours and an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in warm white colour tone CRI 90 (3000K). General light emission, with controlled luminance UGR<10 1500 cd/m² α>65° wide flood optic.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 25 mm.

Dimension (mm)
Ø86x189

Colour
White (01) | Black (04)

Weight (Kg)
1.2

Mounting

three circuit track|ceiling surface

Wiring

product complete with DALI components

Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly



Product configuration: P610

Product characteristics

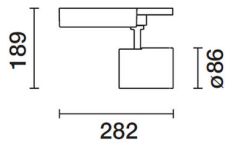
Total lighting output [Lm]: 269
Total power [W]: 7.6
Luminous efficacy [Lm/W]: 35.4
Life Time: 50,000h - L80 - B10 (Ta 25°C)

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

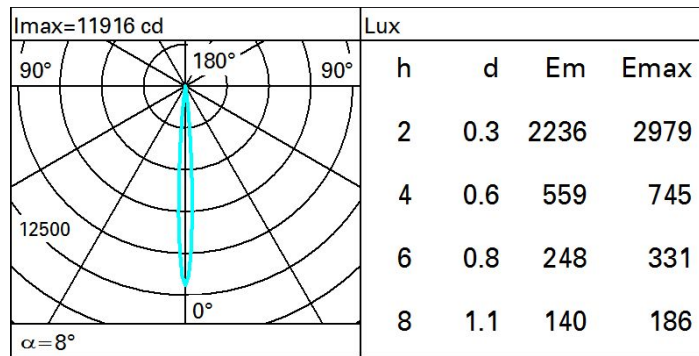
Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 56
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 5.7
Nominal luminous [Lm]: 480
Lamp maximum intensity [cd]: /
Beam angle [°]: 8°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 1.9
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3



Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	50	48	46	44	47	46	45	43	78
1.0	53	50	48	47	50	48	48	46	82
1.5	55	53	52	51	53	52	51	49	88
2.0	57	56	55	54	55	54	53	52	93
2.5	58	57	56	56	56	56	55	53	95
3.0	59	58	57	57	57	57	56	55	97
4.0	59	59	59	58	58	58	57	55	99
5.0	60	59	59	59	59	58	57	56	100

Luminance curve limit

