Design iGuzzini

iGuzzini

Last information update: May 2018



270x100

_/ 276x106 Deep Minimal - 3 elements - CoB warm LED - medium beam - dimmable DALI

Product code

P913

Technical description

Three element recessed luminaire for LED lamps. Minimal (frameless) version with no contact frame. Shaped stainless steel sheet structural frame specifically designed for flush with ceiling application using the adapter supplied. Die-cast aluminium, twin swivel universal joints located in a position set back from the installation surface to guarantee a high level of visual comfort. Tilts ± 30° around both the horizontal and vertical axes. Die-cast aluminium lighting bodies designed to optimise heat dispersal. High efficiency aluminium reflectors - spot angle. High color rendering index, warm white LED lamps. Each lamp unit has its own glass cover. Control gear unit included.

Installation

Recessed in 12.5 mm thick false ceilings. The aluminium adapter is designed for filling, smoothing and finishing the false ceiling before inserting the recessed unit. Steel wire fixing springs. Preparation hole 106 x 276

270x100x89

Dimension (mm)

Colour

White (01) | Black (04)

Weight (Kg)

Mounting

ceiling recessed

Wiring

Complete with DALI dimmable control gear unit connected to the luminaire. Wiring for connecting to mains network on driver terminal board.

Notes

Accessories available: refractor for elliptical flow distribution - interchangeable reflectors - adapter for installation in 15 mm thick false ceilings

Complies with EN60598-1 and pertinent regulations





On the visible part of the product once installed











Product configuration: P913

Product characteristics

Total lighting output [Lm]: 1995 Total power [W]: 32.2 Luminous efficacy [Lm/W]: 62 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: 3

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 70 Lamp code: LED ZVEI Code: LED Nominal power [W]: 8.4 Nominal luminous [Lm]: 950 Lamp maximum intensity [cd]: / Beam angle [°]: 26°

Number of lamps for optical assembly: 1 Socket: /

Ballast losses [W]: 2.3 Colour temperature [K]: 3000

CRI: 90

Wavelength [Nm]: / MacAdam Step: 3



Polar

Imax=2705 cd	CIE	Lux			
90° 180° 90°	nL 0.70 99-100-100-100-70	h	d	Em	Emax
	DIN A.61 UTE 0.70A+0.00T	2	0.9	556	676
	F"1=993 F"1+F"2=999	4	1.8	139	169
3000	F"1+F"2+F"3=1000 CIBSE LG3 L<500 cd/m ² at 65°	6	2.8	62	75
α=26°	-	8	3.7	35	42

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	60	58	56	59	57	57	55	78
1.0	66	63	61	59	62	60	60	58	83
1.5	69	67	65	64	66	65	64	62	88
2.0	71	70	68	67	69	68	67	65	93
2.5	73	71	70	70	70	70	69	67	96
3.0	73	73	72	71	72	71	70	68	98
4.0	74	74	73	73	73	72	71	69	99
5.0	75	74	74	74	73	73	72	70	100

Luminance curve limit

