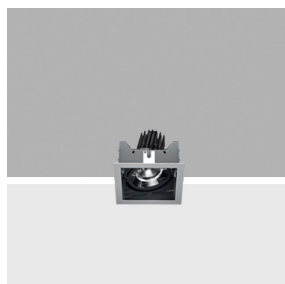


Deep Frame

Design iGuzzini

iGuzzini

Last information update: April 2018



Deep Frame - 1 element - CoB warm LED - wide flood beam

Product code

P918

Technical description

Individual recessed luminaire for LED lamp. Version with a perimeter frame. Shaped sheet steel structural frame. Die-cast aluminium, twin swivel universal joint located in a position set back from the installation surface to guarantee a high level of visual comfort. Tilts $\pm 30^\circ$ around both the horizontal and vertical axes. Die-cast aluminium lighting body designed to optimise heat dispersal. High efficiency aluminium reflector - wide flood angle. High color rendering index, warm white LED lamp. Glass cover. Mechanical installation system. Control gear unit included.

Installation

Recessed in 1 to 30mm thick false ceilings - secured with manually adjustable metal brackets. Preparation hole 167 x 167.

Dimension (mm)

180x180x127

Colour

White (01) | Grey/Black (74)

Weight (Kg)

1.5

Mounting

ceiling recessed

Wiring

Complete with electronic 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 reflector.

Complies with EN60598-1 and pertinent regulations

IP20 IP23 On the visible part of the product once installed



Product configuration: P918

Product characteristics

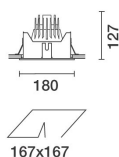
Total lighting output [Lm]: 2354
Total power [W]: 30.8
Luminous efficacy [Lm/W]: 76.4
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

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.) [%]: 76
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 27
Nominal luminous [Lm]: 3100
Lamp maximum intensity [cd]: /
Beam angle [°]: 48°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 3.8
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3



	CIE nL 0.76 99-100-100-100-76 UGR 11.8-11.8		Lux			
	DIN A.61		h	d	Em	E _{max}
	UTE 0.76A+0.00T F*1=988 F*1+F*2=998 F*1+F*2+F*3=1000		2	1.8	751	942
			4	3.6	188	236
			6	5.3	83	105
	CIBSE LG3 L<500 cd/m ² at 65° UGR<16 L<500 cd/mq at 65°		8	7.1	47	59

R	77	75	73	71	55	53	33	00	DDR
K0.8	68	65	62	60	64	62	61	59	78
1.0	71	68	66	64	67	65	65	62	82
1.5	75	72	71	69	72	70	69	67	88
2.0	77	75	74	73	74	73	72	70	93
2.5	79	77	76	75	76	75	74	72	95
3.0	80	79	78	77	77	77	76	74	97
4.0	81	80	79	79	79	78	77	75	99
5.0	81	81	80	80	79	79	78	76	100

[illegible]

UGR diagram

Corrected UGR values (at 3100 lm bare lamp luminous flux)												
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise					
2H	2H	12.4	12.9	12.7	13.2	13.4	12.4	12.9	12.7	13.2	13.4	
	3H	12.2	12.8	12.6	13.0	13.3	12.2	12.8	12.6	13.0	13.3	
	4H	12.2	12.6	12.5	12.9	13.2	12.2	12.6	12.5	12.9	13.2	
	6H	12.1	12.5	12.4	12.8	13.2	12.1	12.5	12.4	12.8	13.2	
	8H	12.1	12.5	12.4	12.8	13.1	12.1	12.5	12.4	12.8	13.1	
	12H	12.0	12.4	12.4	12.8	13.1	12.0	12.4	12.4	12.8	13.1	
4H	2H	12.2	12.6	12.5	12.9	13.2	12.2	12.6	12.5	12.9	13.2	
	3H	12.0	12.4	12.4	12.8	13.1	12.0	12.4	12.4	12.8	13.1	
	4H	11.9	12.3	12.3	12.7	13.0	11.9	12.3	12.3	12.7	13.0	
	6H	11.9	12.2	12.3	12.6	13.0	11.9	12.2	12.3	12.6	13.0	
	8H	11.8	12.1	12.3	12.5	12.9	11.8	12.1	12.2	12.5	12.9	
	12H	11.8	12.0	12.2	12.4	12.9	11.8	12.0	12.2	12.4	12.9	
8H	4H	11.8	12.1	12.2	12.5	12.9	11.8	12.1	12.3	12.5	12.9	
	6H	11.7	12.0	12.2	12.4	12.9	11.7	12.0	12.2	12.4	12.9	
	8H	11.7	11.9	12.1	12.3	12.8	11.7	11.9	12.1	12.3	12.8	
	12H	11.6	11.8	12.1	12.3	12.8	11.6	11.8	12.1	12.3	12.8	
12H	4H	11.8	12.0	12.2	12.4	12.9	11.8	12.0	12.2	12.4	12.9	
	6H	11.7	11.9	12.1	12.3	12.8	11.7	11.9	12.1	12.3	12.8	
	8H	11.6	11.8	12.1	12.3	12.8	11.6	11.8	12.1	12.3	12.8	
Variations with the observer position at spacing:												
S =		1.0H	6.1 / -13.4					6.1 / -13.4				
		1.5H	8.9 / -14.8					8.9 / -14.8				
		2.0H	10.9 / -16.5					10.9 / -16.5				