Deep Frame

Design iGuzzini **iGuzzini**

Last information update: October 2023

Product configuration: P919
P919: Deep Frame - 1 element - CoB warm LED - superspot beam - dimmable DALI

Product code
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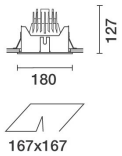
Technical description
Individual recessed luminaire for LED lamp. Version with a perimeter frame. Shaped sheet steel structural frame. Die-cast aluminium, twin swivel universal joint located in a position set back from the installation surface to guarantee a high level of visual comfort. Tilts ± 30° around both the horizontal and vertical axes. Die-cast aluminium lighting body designed to optimise heat dispersal. OPTI BEAM LENS lighting system with hi-tech optic lens that create a particularly fine, well-defined light beam. High color rendering index, warm white LED lamp. Mechanical installation system. DALI dimmable control gear unit included.

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

Colour
White (01) | Grey / Black (74)

Weight (Kg)
1.5



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

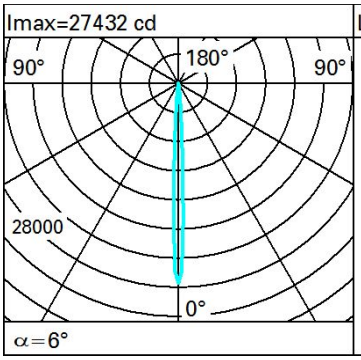
Complies with EN60598-1 and pertinent regulations

IP20 IP23 On the visible part of the product once installed

Technical data

lm system:	422	Colour temperature [K]:	3000
W system:	12.4	MacAdam Step:	2
lm source:	740	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	9.1	Ballast losses [W]:	3.3
Luminous efficiency (lm/W, real value):	34	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	57	Number of optical assemblies:	1
Beam angle [°]:	6°	Control:	DALI
CRI (minimum):	90		

Polar



Lux

h	d	Em	Emax
2	0.2	4954	6858
4	0.4	1239	1715
6	0.6	550	762
8	0.8	310	429

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	50	47	45	44	47	45	45	43	75
1.0	53	50	48	47	50	48	48	46	80
1.5	56	54	52	51	53	52	51	49	86
2.0	58	56	55	54	55	54	54	52	91
2.5	59	58	57	56	57	56	55	54	94
3.0	59	59	58	57	58	57	56	55	96
4.0	60	60	59	59	59	58	57	56	98
5.0	61	60	60	60	59	59	58	57	99

Luminance curve limit