Deep Frame
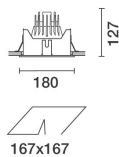
Last information update: June 2023

Product configuration: P916
P916: Deep Frame - 1 element - CoB warm LED - spot beam

Product code
P916: Deep Frame - 1 element - CoB warm LED - spot beam **Attention! Code no longer in production**

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. High efficiency aluminium reflector - spot 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.

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

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
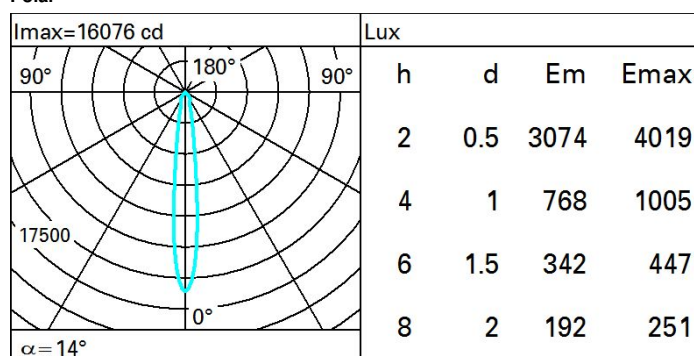Accessories available: refractor for elliptical flow distribution.

Complies with EN60598-1 and pertinent regulations

IP20 IP23 On the visible part of the product once installed CE CCC S&E EAC CIDET NOM-13 IRAM S pending

Technical data

lm system:	2130	CRI:	90
W system:	34.2	Colour temperature [K]:	3000
lm source:	3000	MacAdam Step:	3
W source:	31	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	62.3	Ballast losses [W]:	3.2
		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.) [%]:	71	Number of optical assemblies:	1
Beam angle [°]:	14°		

Polar

Imax=16076 cd			
h	d	Em	Emax
2	0.5	3074	4019
4	1	768	1005
6	1.5	342	447
8	2	192	251

α=14°

17500

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	60	57	56	59	57	57	54	77
1.0	66	63	61	59	62	60	60	58	81
1.5	70	67	66	64	67	65	64	62	88
2.0	72	70	69	68	69	68	67	65	92
2.5	73	72	71	70	71	70	69	67	95
3.0	74	73	73	72	72	72	71	69	97
4.0	75	75	74	74	73	73	72	70	99
5.0	76	75	75	75	74	74	73	71	100

Luminance curve limit

QC	A	G	1.15	2000		1000		500		<=300			
	B		1.50			2000		1000		750		500		<=300	
	C		1.85					2000				1000		500	<=300

C0-180	C90-270