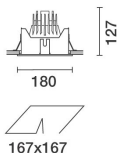


Last information update: April 2018



**Deep Frame - 1 element - CoB warm LED - superspot beam - dimmable DALI**

**Product code**  
P919

**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. 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.

**Dimension (mm)**

180x180x127

**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



**Product configuration: P919**

**Product characteristics**

Total lighting output [Lm]: 370  
Total power [W]: 12.4  
Luminous efficacy [Lm/W]: 29.9  
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

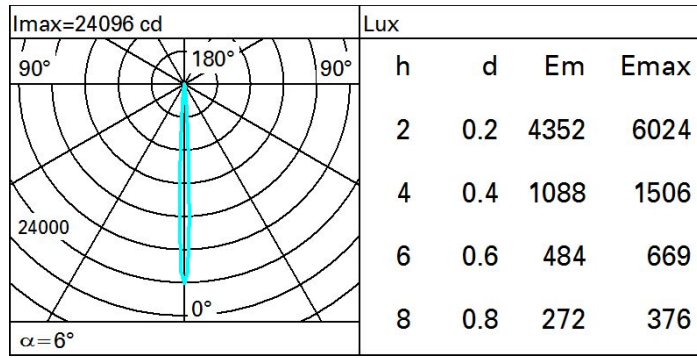
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 57  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 9.1  
Nominal luminous [Lm]: 650  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 6°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 3.3  
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	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**

