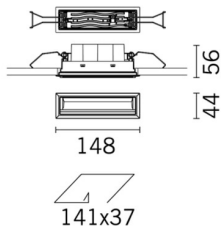


Last information update: May 2018



**Recessed frame - LED - Warm White - integrated Electronic control gear - Wall washer optic**

**Product code**  
P146

**Technical description**

Miniaturized recessed rectangular luminaire with LEDs. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Asymmetrical optic system designed to achieve an effective wall washer distribution. Flux enhancer - superpure aluminium reflector - screen in PMMA with ribbed texture; a special film in acrylic material, combined with the screen, allow for a uniform and effective light emission on the wall. Black polycarbonate internal perimeter frame. Supplied with electronic control gear connected to the luminaire. Warm 2700K high colour rendering LED.

**Installation**

recessed with steel springs for false ceilings from 1 to 25 mm; can be installed on ceilings and walls (vertical + horizontal) - preparation slot 37 x 141. To light the wall correctly check the installation distances and centre-to-centre distances on the instructions sheet.

**Dimension (mm)**

148x44x54

**Colour**

Black/Black (43) | Black/White (47) | Grey/Black (74)

**Weight (Kg)**

0.3

**Mounting**

wall recessed|ceiling recessed

**Wiring**

on power box: screw connections

**Notes**

accessory anti-glare screen available code MPX7

Complies with EN60598-1 and pertinent regulations



**Product configuration: P146**

**Product characteristics**

Total lighting output [Lm]: 331.4  
Total power [W]: 12  
Luminous efficacy [Lm/W]: 27.6  
Life Time: 50,000h - L90 - B10 (Ta 25°C)

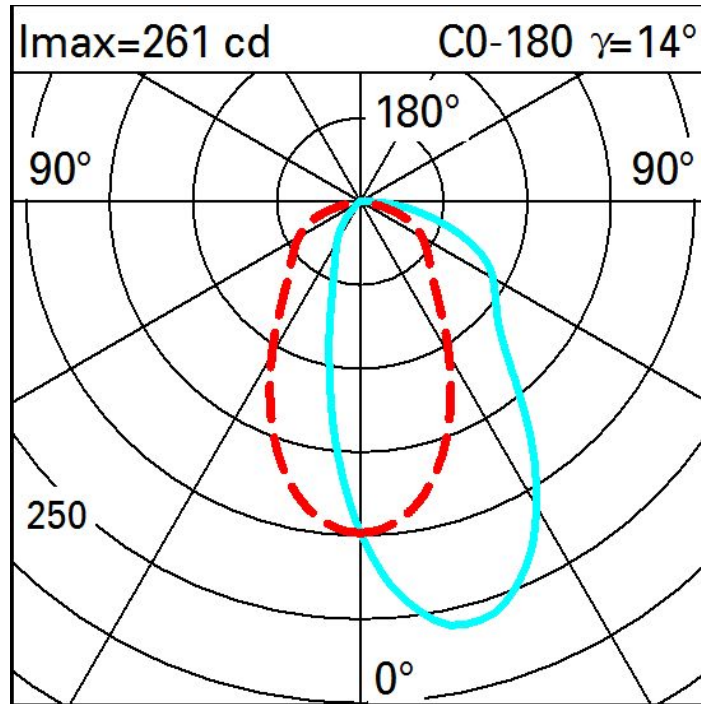
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 39  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 10  
Nominal luminous [Lm]: 850  
Lamp maximum intensity [cd]: /  
Beam angle [°]: /

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 2  
Colour temperature [K]: 2700  
CRI: 95  
Wavelength [Nm]: /  
MacAdam Step: 3

Polar



Illuminances

Lux      Wall distance = 1m

3						●					
	0.8	2	5	13	36	61	36	13	5	2	0.8
2	2	3	7	15	31	44	31	15	7	3	2
	2	3	6	13	25	33	25	13	6	3	2
1	2	3	6	11	18	22	18	11	6	3	2
	2	3	5	8	12	13	12	8	5	3	2
0											
	m	-2	-1	0	1	2	3				