

Overview of product data:
01PJ147B3GF21

PCTL-S,LED3100lm830,0/1,wh

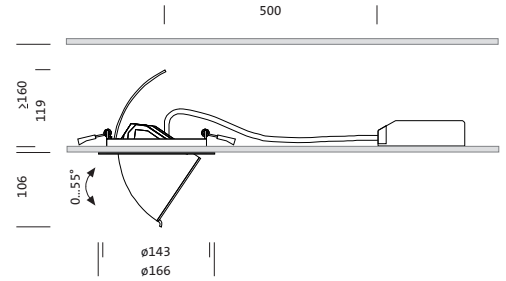


Product description

PUNCTOLED® SPOT, downlight, light control with reflector, faceted, of PMMA, diffuse, light emission: direct distribution, LED light colour: 830, control gear: ECG, with terminal, 2-pole, max. 1.5mm², mains connection: 220..240V, AC, 50/60Hz, housing, round, of aluminium, traffic white (RAL 9016), diameter: 165 mm, protection rating (complete): IP20, insulation class (complete): insulation class II (safety insulation), certification: CE, permissible ambient temperature for indoor applications: ≤ +25°C

IP 20

Lamps: LED
Wt. (kg): 1.1
Order No.: 01PJ147B3GF21
GTIN (EAN): 4052899982598

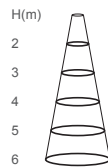
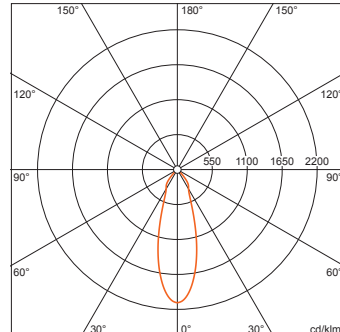


01PJ147B3GF21: 1x LED 3000K / CRI ≥ 80

4052899982598

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LED 3000K / CRI ≥ 80 ϕ_N 3100 lm



H(m)	ϕ (m)	Emax(lx)	Em(lx)	No. of luminaires in room							
				Reflection factors 70/50/20							
				Em(lx)		100		200		500	
2	1.17	1623	1254	Lh(m)	2.5	3.0	2.5	3.0	2.5	3.0	
3	1.75	722	557	20 m ²	0.7	0.8	1.3	1.5	3.3	3.8	
4	2.34	406	314	30 m ²	1.5	1.3	3.0	2.7	7.5	6.7	
5	2.92	260	201	40 m ²	1.7	1.6	3.3	3.2	8.3	8.1	
6	3.51	180	139	50 m ²	2.1	2.0	4.3	4.0	11	10	
				75 m ²	3.6	3.1	7.1	6.3	18	16	
				100 m ²	4.1	3.9	8.2	7.8	20	19	
				500 m ²	19	18	39	37	97	92	

Maintenance factor 0.8

Rh = Lh

Imax 2095 cd/klm at γ 0°

Luminance values (cd/m²)

C 0/180

L80 10798

L70 8389

L65 8492

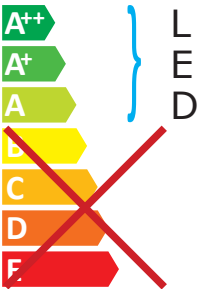
UGR 22.1 22.1

X 4H Y 8H ρ 70/50/20 S 0.25H

OSRAM 01PJ147B3GF21



The luminaire contains built-in LED lamps



The LED-lamps cannot be changed in the luminaire

874/2012



Product data details:
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Detailed technical description

Key data

- Product type: downlight
- Family: PUNCTOLED® SPOT
- Order No.: 01PJ147B3GF21

Service life

- Service life: service life 35,000h (L70/B50)

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Light control: reflector, faceted
- Beam angle: medium distribution, 35°
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Net luminous flux: 3100lm
- Luminous efficacy: 115lm/W
- Colour temperature: 3000K
- Light colour: 830
- Connected load: 27W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Material | Colour

- housing: aluminium, traffic white (RAL 9016), round, can be rotated through 350°, can be swivelled through 55°

Mounting

- Mounting method, mounting location: recessed, in the ceiling
- Ø of ceiling cut-out: 150mm
- Arrangement: single arrangement

Electrical connection

- Connection: terminal, 2-pole, max. 1.5mm²
- Nominal voltage: 220..240V, AC, 50/60Hz

Dimensions | Weight

- Diameter: 165mm
- Height: 136mm
- Weight: 1.1kg

Certificates | Standards

- Protection rating: IP20
- Insulation class: insulation class II (safety insulation)
- Permissible ambient temperature: ≤ +25°C
- Certification, designation: CE

Dimensions:
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