

Order No.: ODP10B77133S | GTIN (EAN): 4052899934139

Product description: PCTL150,LED1100lm840,0/1,wh



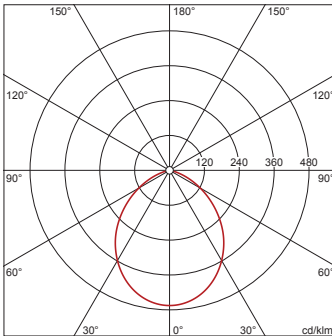
PUNCTOLED® DL150, downlight, light emission: direct distribution, LED rated luminous flux: 1.100lm, light colour: 840, control gear: ECG, mains connection: 230V, AC, 50/60Hz, housing, round, of aluminium, coated, traffic white (RAL 9016), diameter: 165mm, recess depth: 100mm, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, permissible ambient temperature for indoor applications: -10..+40°C, permissible storage temperature: -20..+80°C, packaging unit: 1 piece



Lamps: LED
 Wt. (kg): 0.3
 GTIN (EAN): 4052899934139

4052899934139
 ODP10B77133S

LED 4000K / CRI ≥ 80 ϕ_N 1100 lm



siteco ODP10B77133S

The luminaire contains built-in LED lamps

A++

A+

A

B

C

D

E

} LED

The LED-lamps cannot be changed in the luminaire

874/2012

Technical drawing showing the luminaire's profile. The diameter is indicated as $\phi 150$ and $\phi 165$. The height is indicated as 78 mm.

Issued 21.10.2020 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: PCTL150,LED1100lm840,0/1,wh



Key data

- Product type: downlight
- Product name: PUNCTOLED® DL150
- Order No.: ODP10B77133S

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Beam angle: wide distribution, 80°
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Rated luminous flux: 1100lm
- Luminous efficacy: 85lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power: 13W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Temperature range (operation): -10..+40°C
- Certification, designation: CE

Material, Colour

- housing: aluminium, coated, traffic white (RAL 9016), round
- Colour specification: traffic white (RAL 9016)

Mounting

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

Electrical connection

- Nominal voltage: 230V, 50/60Hz, AC

Dimensions, Weight

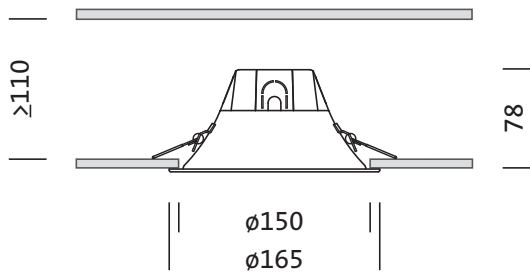
- Diameter: 165mm
- Height: 80mm
- Recess depth: 100mm
- Weight: 0.3kg

Service life

- Rated service life: 30000h (L70/B50) at AT = 25°C

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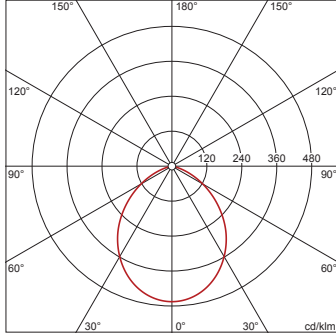
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ODP10B77133S: 1x LED
4000K / CRI ≥ 80

4052899934139

ODP10B77133S

LED 4000K / CRI ≥ 80 Φ_N 1100 lm



I_{max} 465 cd/klm at γ 0°

Luminance values (cd/m²)

	C 0/180
L ₈₀	6233
L ₇₀	17100
L ₆₅	23049

UGR 25.8 25.8
 X 4H Y 8H ρ 70/50/20 S 0.25H

H(m)	θ (m)	$E_{max}(lx)$	$E_m(lx)$
2	4.24	128	73
3	6.37	57	33
4	8.49	32	18
5	10.61	20	12
6	12.73	14	8

No. of luminaires in room

Reflection factors 70/50/20

Lh(m)	100		200		500	
	2.5	3.0	2.5	3.0	2.5	3.0
20 m ²	2.5	2.9	5.0	5.7	13	14
30 m ²	3.8	4.3	7.6	8.5	19	21
40 m ²	4.9	5.4	9.8	11	24	27
50 m ²	5.9	6.4	12	13	30	32
75 m ²	8.7	9.3	17	19	43	46
100 m ²	11	12	22	24	56	60
500 m ²	52	54	105	107	261	268

Maintenance factor 0.8

Rh = Lh