

Order No.: ODP10B77133R | GTIN (EAN): 4052899934122

Product description: PCTL150,LED1050lm830,0/1,wh



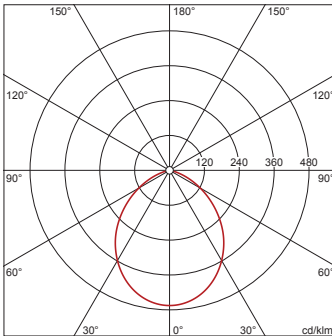
PUNCTOLED® DL150, downlight, light emission: direct distribution, LED rated luminous flux: 1.050lm, light colour: 830, control gear: ECG, mains connection: 230V, AC, 50/60Hz, housing, round, of aluminium, coated, traffic white (RAL 9016), diameter: 165mm, recess depth: 100mm, protection rating (complete): 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): 0.2  
 GTIN (EAN): 4052899934122

4052899934122  
 ODP10B77133R

LED 3000K / CRI ≥ 80    φ<sub>N</sub> 1050 lm



**siteco** ODP10B77133R

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The luminaire contains built-in LED lamps

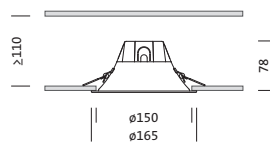
A++
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LED

The LED-lamps cannot be changed in the luminaire

874/2012



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Detailed technical description: PCTL150,LED1050lm830,0/1,wh



#### Key data

- Product type: downlight
- Product name: PUNCTOLED® DL150
- Order No.: ODP10B77133R

#### 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: 1050lm
- Luminous efficacy: 81lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- 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

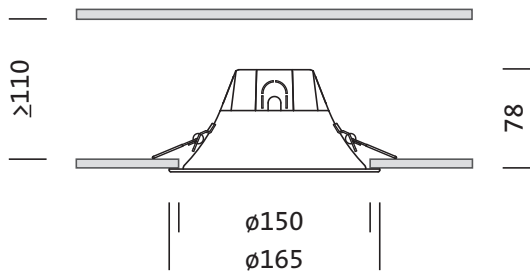
- Diameter: 165mm
- Height: 80mm
- Recess depth: 100mm
- Weight: 0.2kg

#### Service life

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

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Planning data: PCTL150,LED1050lm830,0/1,wh

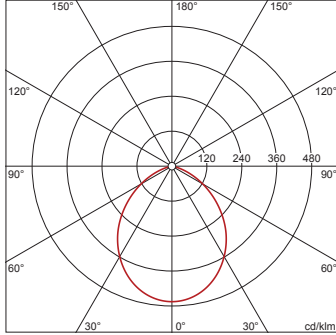
**ODP10B77133R: 1x LED**  
**3000K / CRI ≥ 80**

4052899934122

ODP10B77133R

LED 3000K / CRI ≥ 80

Φ<sub>N</sub> 1050 lm



$I_{max}$  465 cd/klm at  $\gamma$  0°

Luminance values (cd/m<sup>2</sup>)

C 0/180  
 L<sub>80</sub> 5950  
 L<sub>70</sub> 16323  
 L<sub>65</sub> 22001

UGR 25.6 25.6  
 X 4H Y 8H ρ 70/50/20 S 0.25H

H(m)	θ(m)	E <sub>max</sub> (lx)	E <sub>m</sub> (lx)
2	4.24	122	70
3	6.37	54	31
4	8.49	31	18
5	10.61	20	11
6	12.73	14	8

No. of luminaires in room

Reflection factors 70/50/20

Em(x)	100		200		500	
	Lh(m)	2.5	3.0	2.5	3.0	2.5
20 m <sup>2</sup>	2.6	3.0	5.2	6.0	13	15
30 m <sup>2</sup>	4.0	4.5	8.0	8.9	20	22
40 m <sup>2</sup>	5.1	5.7	10	11	26	28
50 m <sup>2</sup>	6.2	6.8	12	14	31	34
75 m <sup>2</sup>	9.1	9.7	18	19	45	49
100 m <sup>2</sup>	12	13	24	25	59	63
500 m <sup>2</sup>	55	56	109	112	274	281

Maintenance factor 0.8

Rh = Lh