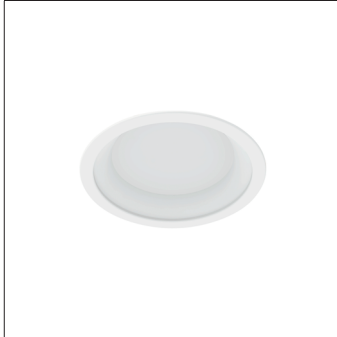


Overview of product data:  
**ODP10B77133R**

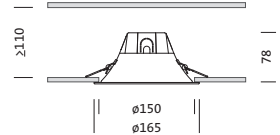
**PCTL150,LED1050lm830,0/1,wh**

1/3



**Product description**

PUNCTOLED® DL150, downlight, light emission: direct distribution, LED light colour: 830, control gear: ECG, mains connection: 230V, AC, housing, round, of aluminium, traffic white (RAL 9016), diameter: 165 mm, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE



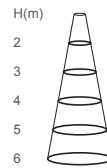
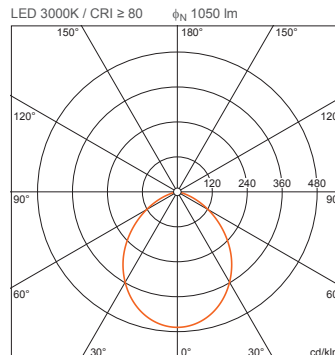
**LED**

IP 20

Lamps: LED  
Wt. (kg): 0.3  
Order No.: ODP10B77133R  
GTIN (EAN): 4052899934122

ODP10B77133R: 1x LED 3000K / CRI ≥ 80

4052899934122  
ODP10B77133R



H(m)	ø(m)	Emax(lx)	Em(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(lx)	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

$I_{max}$  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 p 70/50/20 S 0.25H

**OSRAM ODP10B77133R**

The luminaire contains built-in LED lamps

**A++**  
**A+**  
**A**  
**B**  
**C**  
**D**  
**E**

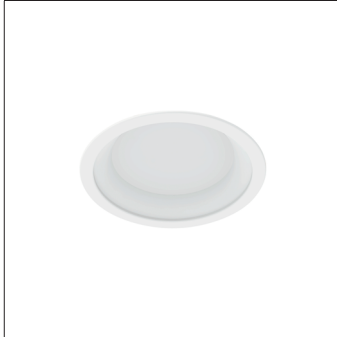
**LED**

The LED-lamps cannot be changed in the luminaire

874/2012

**Product data details:**  
**ODP10B77133R****PCTL150,LED1050lm830,0/1,wh**

2/3

**Detailed technical description****Key data**

- Product type: downlight
- Family: 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
- Net luminous flux: 1050lm
- Luminous efficacy: 81lm/W
- Colour temperature: 3000K
- Light colour: 830
- Connected load: 13W

**Operating device:**

- Control gear: ECG
- Control: ON/OFF

**Material | Colour**

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

**Mounting**

- Mounting method, mounting location: recessed
- Ø of ceiling cut-out: 150mm

**Electrical connection**

- Nominal voltage: 230V, AC

**Dimensions | Weight**

- Diameter: 165mm
- Height: 80mm
- Weight: 0.3kg

**Certificates | Standards**

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Certification, designation: CE

Dimensions:

**ODP10B77133R**

**PCTL150,LED1050lm830,0/1,wh**

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