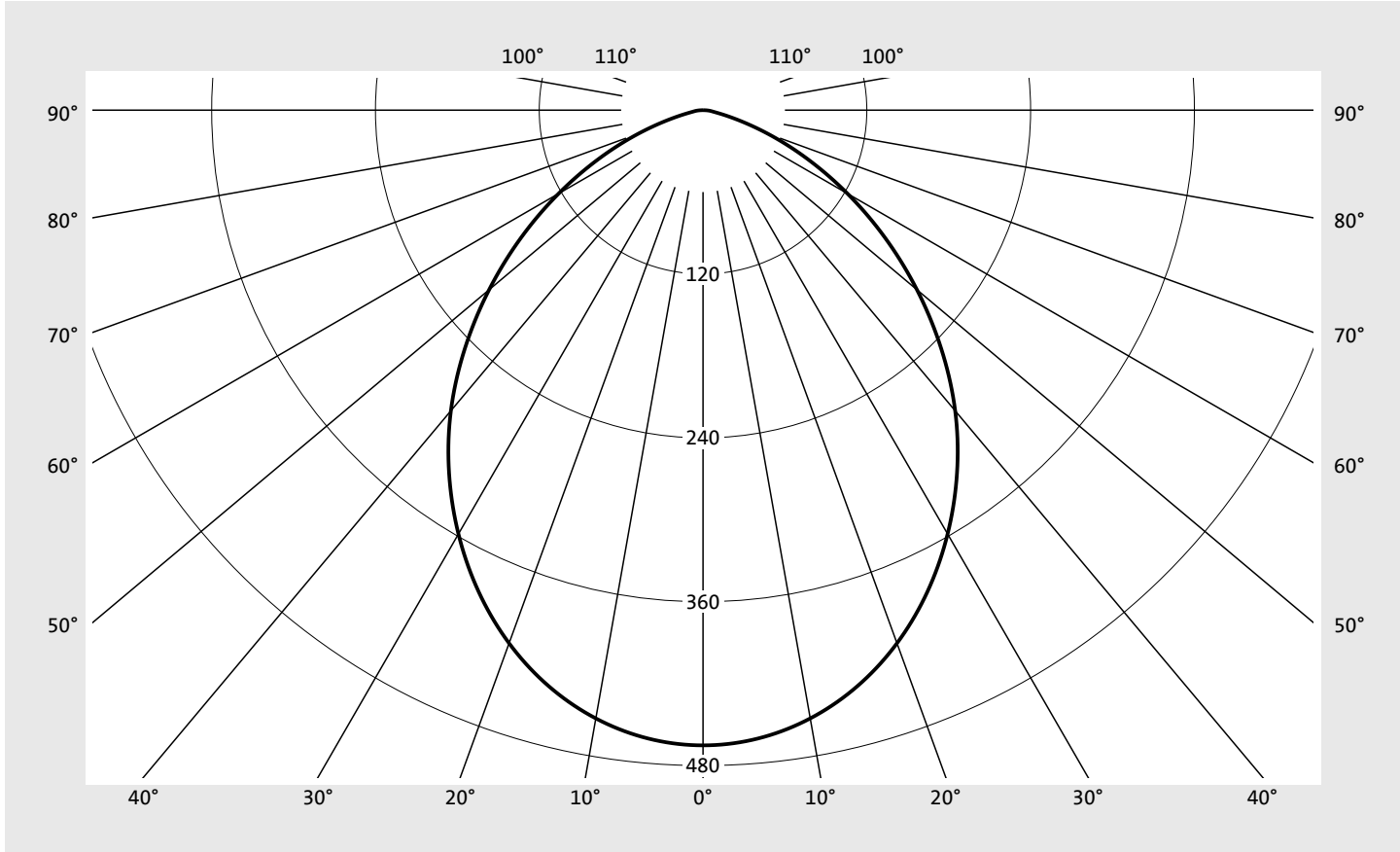


# Photometric test report

<b>Family</b> PUNCTOLED® DL 150	<b>Order number:</b> ODP10B77133R <b>EAN:</b> 4052899934122	<b>LP number</b> 55595_1
<b>Version</b>	direct wide distribution	<b>series documentation</b> 30.04.2015
<b>Lamps</b>	LED 3000K / CRI ≥ 80 Net luminous flux = 1050 lm	
<b>Electr. supply</b>	ECG Power consumption = 13.0 W Luminous efficacy = 80.8 lm/W	
		<b>siteco</b> AN OSRAM BUSINESS

**Luminous intensity in cd/klm** C180-0 **Imax: 465 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=58 N2=88 N3=99 N4=100 N5=100

Luminaire light output ratios	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
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C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0°	465.2	2.8	2.8
5°	461.9	22.1	24.8
10°	452.3	43.1	67.9
15°	436.8	62.0	129.9
20°	415.5	77.9	207.8
25°	389.1	90.1	297.9
30°	358.4	98.2	396.1
35°	324.4	102.0	498.1
40°	287.4	101.3	599.4
45°	246.7	95.6	695.0
50°	204.6	85.9	780.9
55°	162.7	73.0	854.0
60°	122.1	58.0	911.9
65°	84.2	41.8	953.7
70°	50.5	26.0	979.8
75°	23.7	12.6	992.3
80°	9.4	5.0	997.4
85°	4.8	2.6	1000.0
90°	0.0	0.0	1000.0
95°	0.0	0.0	1000.0
100°	0.0	0.0	1000.0
105°	0.0	0.0	1000.0
110°	0.0	0.0	1000.0
115°	0.0	0.0	1000.0
120°	0.0	0.0	1000.0
125°	0.0	0.0	1000.0
130°	0.0	0.0	1000.0
135°	0.0	0.0	1000.0
140°	0.0	0.0	1000.0
145°	0.0	0.0	1000.0
150°	0.0	0.0	1000.0
155°	0.0	0.0	1000.0
160°	0.0	0.0	1000.0
165°	0.0	0.0	1000.0
170°	0.0	0.0	1000.0
175°	0.0	0.0	1000.0
180°	0.0	0.0	1000.0

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Family <b>PUNCTOLED® DL 150</b>	Order number: ODP10B77133R EAN: 4052899934122	LP number <b>55595_1</b>
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UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	24.1	25.7	24.5	26.0	26.3	24.1	25.7	24.5	26.0	26.3
	3H	24.8	26.2	25.2	26.6	26.9	24.8	26.2	25.2	26.6	26.9
	4H	25.0	26.3	25.4	26.6	27.0	25.0	26.3	25.4	26.6	27.0
	6H	25.0	26.2	25.4	26.6	27.0	25.0	26.2	25.4	26.6	27.0
	8H	25.0	26.1	25.5	26.5	26.9	25.0	26.1	25.5	26.5	26.9
	12H	25.0	26.1	25.5	26.5	26.9	25.0	26.1	25.5	26.5	26.9
4H	2H	24.6	25.9	25.0	26.2	26.6	24.6	25.9	25.0	26.2	26.6
	3H	25.4	26.5	25.8	26.9	27.3	25.4	26.5	25.8	26.9	27.3
	4H	25.6	26.5	26.0	27.0	27.4	25.6	26.5	26.0	27.0	27.4
	6H	25.6	26.5	26.1	26.9	27.4	25.6	26.5	26.1	26.9	27.4
	8H	25.6	26.4	26.1	26.8	27.3	25.6	26.4	26.1	26.8	27.3
	12H	25.7	26.3	26.1	26.8	27.3	25.7	26.3	26.1	26.8	27.3
8H	4H	25.6	26.4	26.1	26.8	27.3	25.6	26.4	26.1	26.8	27.3
	6H	25.7	26.3	26.2	26.8	27.3	25.7	26.3	26.2	26.8	27.3
	8H	25.7	26.2	26.2	26.7	27.2	25.7	26.2	26.2	26.7	27.2
	12H	25.7	26.2	26.2	26.7	27.2	25.7	26.2	26.2	26.7	27.2
12H	4H	25.6	26.3	26.1	26.7	27.2	25.6	26.3	26.1	26.7	27.2
	6H	25.7	26.2	26.2	26.7	27.2	25.7	26.2	26.2	26.7	27.2
	8H	25.7	26.2	26.2	26.7	27.2	25.7	26.2	26.2	26.7	27.2

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	D = 110
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C-planes	0°
$\gamma$	Luminance in cd/m²
45°	38549.2
50°	35167.0
55°	31338.5
60°	26986.2
65°	22001.4
70°	16322.8
75°	10122.0
80°	5949.8
85°	6025.4

**Photometric test report**

**Family**  
**PUNCTOLED® DL 150**

**Order number: ODP10B77133R**  
**EAN: 4052899934122**

**LP number**  
**55595\_1**

**Luminance values in cd/m²**



$\gamma 65^\circ$ 
  $\gamma 70^\circ$ 
  $\gamma 75^\circ$ 
  $\gamma 80^\circ$ 
  $\gamma 85^\circ$

