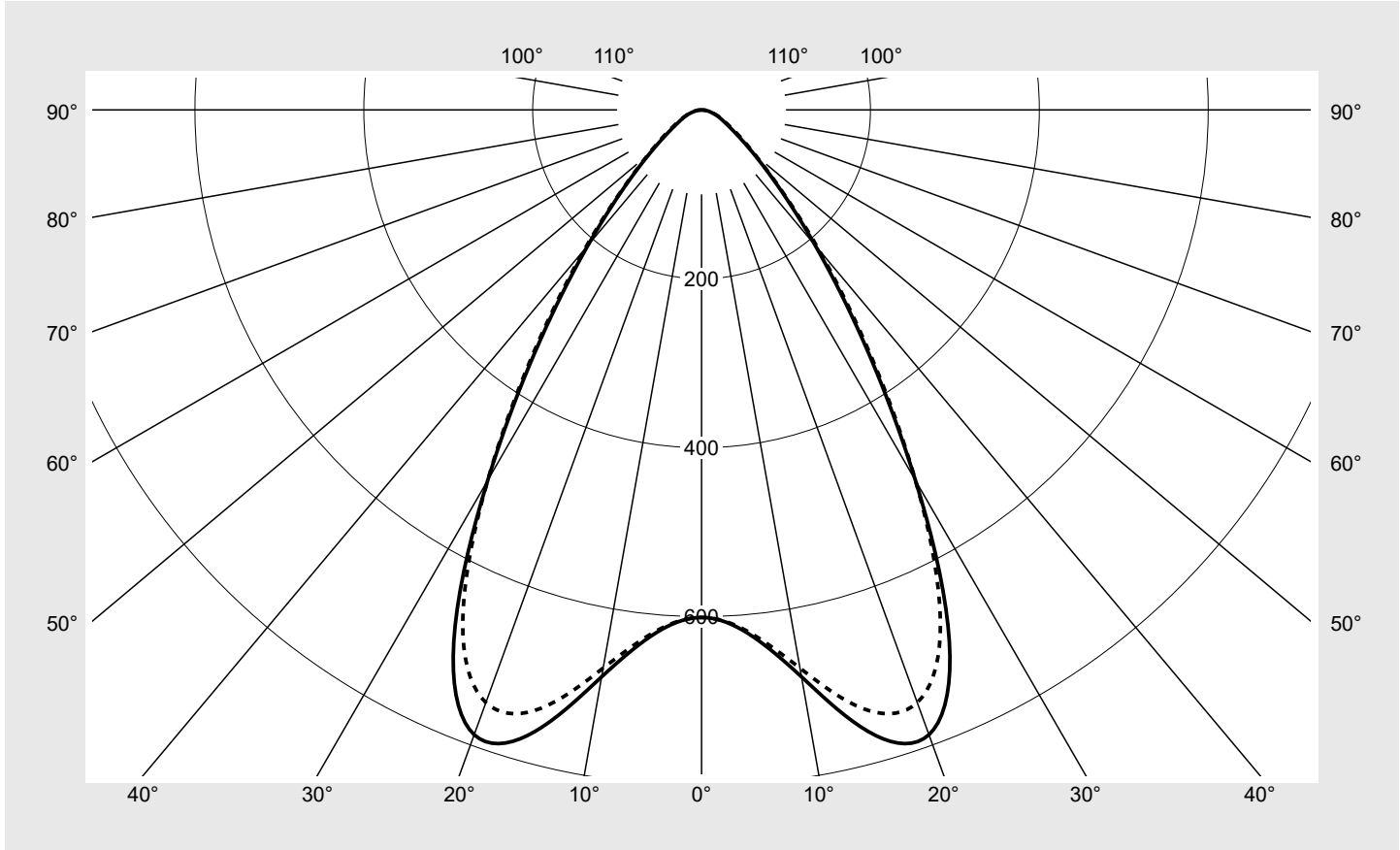


# Photometric test report

<b>Family</b> <b>Scriptus®</b> 	<b>Order number: 5MZ313D0TWB</b> <b>EAN: 4058352198414</b>	<b>LP number</b> <b>57445_15</b>
	<b>Version</b> symmetrical design, MLA-optic, tunable white, direct/indirect wide distribution, UGR≤19 <b>Lamps</b> LED 3000K + 6500K / CRI ≥ 80 (unbekannt LED 3000K + 6500K / CRI = 80) <b>Controlgear</b> ECG-DALI <b>Setting</b> individual position: only direct ratio, 3000K <b>Rated values</b> Net luminous flux = 7100 lm Power consumption = 56.5 W Luminous efficacy = 125.7 lm/W	<b>serial documentation</b> <b>11.08.2017</b>



**Luminous intensity in cd/klm** C180-0 C270-90 **Imax: 790 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=82 N2=95 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>
		<b>sITeco</b>

C-planes $\gamma$	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux in lm/klm	
0°	601.0	601.0	601.0	601.0	601.0	601.0	601.0	3.6	3.6
5°	621.7	620.0	618.9	620.7	619.2	619.0	619.5	29.6	33.2
10°	681.7	679.2	676.9	676.0	672.7	670.5	671.1	64.3	97.5
15°	761.9	760.0	754.5	745.5	739.5	734.0	733.4	106.0	203.4
20°	787.3	790.2	785.7	778.6	764.8	749.9	746.8	144.9	348.3
25°	694.3	700.4	703.6	697.9	691.6	670.3	669.3	160.1	508.4
30°	506.5	511.5	521.0	524.3	523.6	507.0	506.7	141.3	649.7
35°	333.5	335.1	348.5	355.1	352.8	339.3	340.2	108.3	758.0
40°	209.2	212.3	217.7	224.7	222.1	216.0	215.6	76.6	834.7
45°	128.9	129.3	132.0	137.3	137.8	133.9	131.6	51.7	886.4
50°	79.9	79.9	81.7	84.4	85.6	84.4	83.1	34.8	921.2
55°	51.2	52.0	54.0	55.1	55.0	55.7	55.7	24.3	945.5
60°	35.0	36.7	37.3	38.3	38.1	38.0	37.8	17.8	963.3
65°	25.7	26.4	26.6	27.2	27.8	27.3	27.0	13.4	976.7
70°	19.1	18.6	19.8	19.6	19.8	19.6	19.4	10.0	986.7
75°	12.4	13.2	13.9	13.6	12.9	13.2	13.1	7.0	993.7
80°	7.7	8.2	7.8	7.7	7.6	7.9	7.8	4.2	998.0
85°	3.8	3.8	3.6	3.6	3.6	3.7	3.7	2.0	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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UGR-Table	Standard room	siteco								
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	15.7	17.0	16.1	17.4	17.7	15.9	17.2	16.2	17.5	17.9
	3H	16.0	17.2	16.4	17.6	17.9	16.2	17.4	16.6	17.7	18.1
	4H	16.2	17.3	16.6	17.6	18.0	16.4	17.5	16.8	17.8	18.2
	6H	16.3	17.3	16.7	17.7	18.1	16.5	17.5	16.9	17.9	18.2
	8H	16.5	17.3	16.9	17.7	18.1	16.6	17.5	17.1	17.9	18.3
	12H	16.5	17.3	16.9	17.7	18.1	16.7	17.4	17.1	17.8	18.3
4H	2H	15.8	16.9	16.2	17.3	17.6	16.0	17.1	16.4	17.4	17.8
	3H	16.3	17.2	16.7	17.6	18.0	16.4	17.3	16.9	17.7	18.2
	4H	16.5	17.3	17.0	17.7	18.2	16.7	17.5	17.1	17.9	18.3
	6H	16.7	17.4	17.2	17.8	18.3	16.9	17.6	17.3	18.0	18.5
	8H	16.8	17.4	17.3	17.9	18.4	16.9	17.6	17.4	18.0	18.5
	12H	16.9	17.4	17.4	17.9	18.4	17.0	17.5	17.5	18.0	18.5
8H	4H	16.6	17.2	17.1	17.7	18.1	16.7	17.4	17.2	17.8	18.3
	6H	16.9	17.4	17.4	17.8	18.4	17.0	17.5	17.5	18.0	18.5
	8H	17.0	17.4	17.5	17.9	18.4	17.1	17.5	17.6	18.0	18.6
	12H	17.1	17.5	17.6	18.0	18.5	17.2	17.6	17.7	18.1	18.6
12H	4H	16.6	17.1	17.1	17.6	18.1	16.8	17.3	17.3	17.7	18.2
	6H	16.9	17.3	17.4	17.8	18.3	17.0	17.4	17.5	17.9	18.4
	8H	17.0	17.4	17.6	17.9	18.4	17.1	17.5	17.7	18.0	18.5

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1900 B = 95
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C-planes	$\gamma$	0° 180°	15°	30°	45°	60°	75°	90° 270°
			165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°	
Luminance in cd/m²								
45°		7168.8	7190.4	7345.3	7636.5	7667.9	7451.0	7321.7
50°		4890.1	4891.7	4996.6	5162.0	5239.7	5165.1	5082.7
55°		3512.5	3563.6	3701.7	3777.5	3774.6	3819.2	3817.4
60°		2750.9	2884.8	2937.9	3010.2	2994.9	2991.3	2977.4
65°		2392.0	2456.0	2476.2	2529.2	2585.4	2539.9	2517.5
70°		2196.1	2140.8	2282.7	2256.1	2274.5	2255.5	2229.9
75°		1878.2	2008.4	2109.3	2069.7	1964.5	2010.4	1994.0
80°		1734.3	1848.4	1760.3	1734.0	1719.1	1794.5	1770.5
85°		1703.3	1701.5	1635.1	1616.2	1628.8	1672.6	1669.0

**Photometric test report**

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**Luminance values in cd/m<sup>2</sup>**

$\gamma$  65°   
   $\gamma$  70°   
   $\gamma$  75°   
   $\gamma$  80°   
   $\gamma$  85°

