
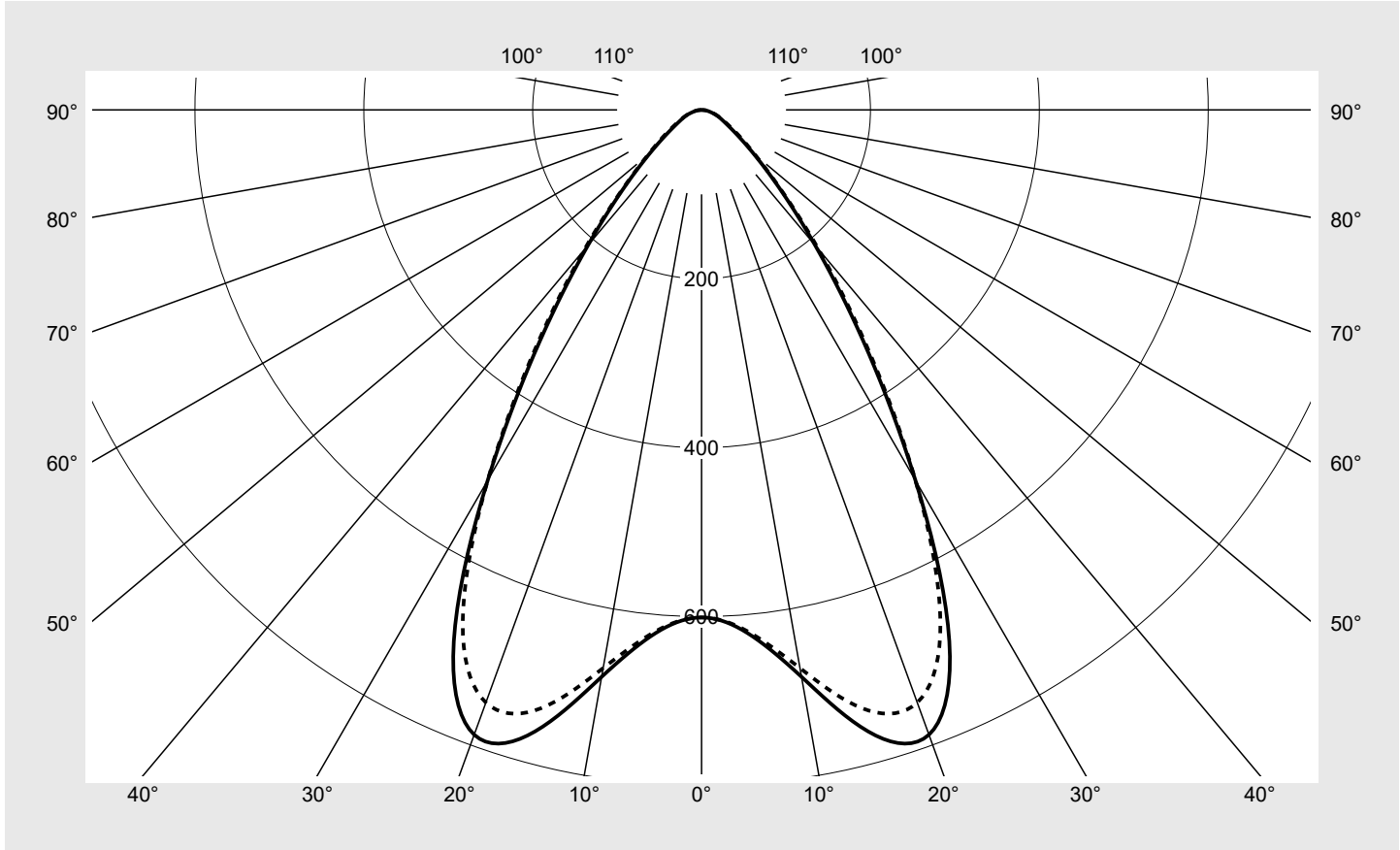


Photometric test report

Family Scriptus® 	Order number: 5MZ312D0TWB EAN: 4058352198193	LP number 57445_14
	Version symmetrical design, MLA-optic, tunable white, direct/indirect wide distribution, UGR≤19 Lamps LED 3000K + 6500K / CRI ≥ 80 (unbekannt LED 3000K + 6500K / CRI = 80) Controlgear ECG-DALI Setting individual position: only direct ratio, 6500K Rated values Net luminous flux = 4750 lm Power consumption = 36.9 W Luminous efficacy = 128.7 lm/W	serial documentation 11.08.2017



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	
η_{LB}	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

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Table of values for luminous intensities		Maximum luminous intensity
		sITeco

C-planes γ	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	16.1	17.4	16.5	17.7	18.1	16.3	17.6	16.6	17.9	18.2
	3H	16.4	17.6	16.8	17.9	18.3	16.6	17.8	17.0	18.1	18.5
	4H	16.6	17.7	17.0	18.0	18.4	16.8	17.8	17.2	18.2	18.6
	6H	16.7	17.7	17.1	18.0	18.4	16.9	17.9	17.3	18.2	18.6
	8H	16.8	17.7	17.3	18.1	18.5	17.0	17.9	17.4	18.2	18.6
	12H	16.9	17.6	17.3	18.0	18.5	17.0	17.8	17.5	18.2	18.6
4H	2H	16.2	17.3	16.6	17.6	18.0	16.4	17.4	16.8	17.8	18.2
	3H	16.7	17.6	17.1	18.0	18.4	16.8	17.7	17.3	18.1	18.5
	4H	16.9	17.7	17.3	18.1	18.6	17.1	17.9	17.5	18.3	18.7
	6H	17.1	17.8	17.6	18.2	18.7	17.2	17.9	17.7	18.4	18.8
	8H	17.2	17.8	17.7	18.3	18.7	17.3	17.9	17.8	18.4	18.9
	12H	17.3	17.8	17.8	18.3	18.8	17.4	17.9	17.9	18.4	18.9
8H	4H	17.0	17.6	17.5	18.0	18.5	17.1	17.7	17.6	18.2	18.7
	6H	17.3	17.8	17.8	18.2	18.7	17.4	17.9	17.9	18.3	18.9
	8H	17.4	17.8	17.9	18.3	18.8	17.5	17.9	18.0	18.4	18.9
	12H	17.5	17.8	18.0	18.4	18.9	17.6	17.9	18.1	18.5	19.0
12H	4H	17.0	17.5	17.5	18.0	18.5	17.1	17.6	17.6	18.1	18.6
	6H	17.3	17.7	17.8	18.2	18.7	17.4	17.8	17.9	18.3	18.8
	8H	17.4	17.8	17.9	18.3	18.8	17.5	17.9	18.0	18.4	18.9

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1140 B = 95
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C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		7993.4	8017.4	8190.2	8514.9	8549.9	8308.0	8163.9	
50°		5452.5	5454.3	5571.3	5755.8	5842.4	5759.2	5667.3	
55°		3916.5	3973.5	4127.5	4212.0	4208.7	4258.4	4256.5	
60°		3067.4	3216.7	3275.9	3356.4	3339.4	3335.4	3319.9	
65°		2667.2	2738.5	2761.0	2820.1	2882.8	2832.1	2807.1	
70°		2448.7	2387.0	2545.2	2515.6	2536.1	2515.0	2486.4	
75°		2094.2	2239.4	2351.9	2307.7	2190.4	2241.6	2223.3	
80°		1933.7	2061.0	1962.8	1933.5	1916.8	2000.9	1974.1	
85°		1899.2	1897.2	1823.2	1802.1	1816.2	1865.0	1861.0	

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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco

