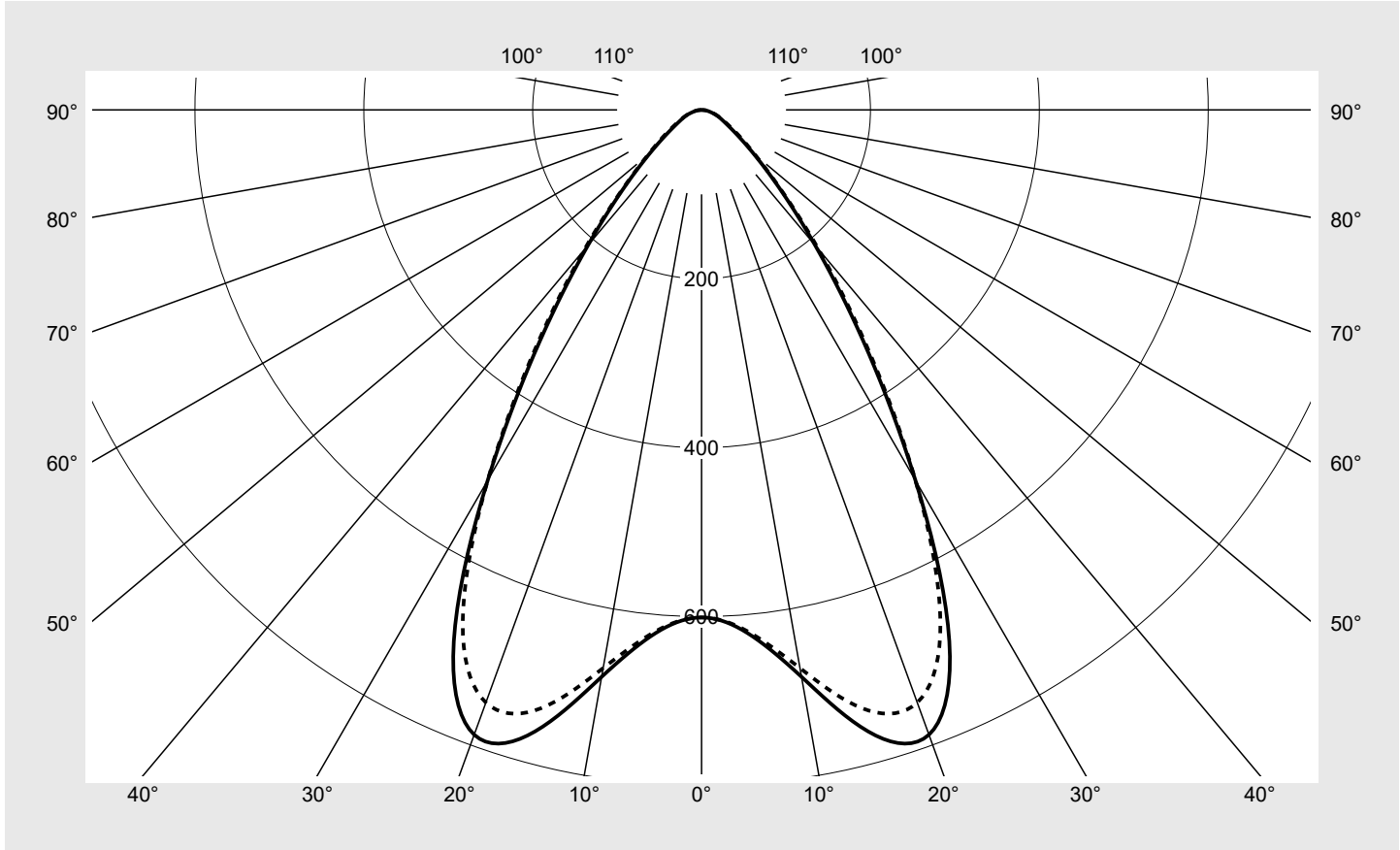


Photometric test report

Family Scriptus® 	Order number: 5MZ223D04WA EAN: 4058352124338	LP number 57365_21
	Version asymmetrical design, MLA-optic, direct wide distribution, UGR≤19 Lamps 1 x LED 4000K / CRI ≥ 80 (unbekannt LED 4000K / CRI = 80) Controlgear ECG-DALI Rated values Net luminous flux = 7230 lm Power consumption = 50.6 W Luminous efficacy = 142.9 lm/W	serial documentation 25.01.2017



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

Photometric test report

Family Scriptus®	Order number: 5MZ223D04WA EAN: 4058352124338	LP number 57365_21
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

Photometric test report

Family Scriptus®	Order number: 5MZ223D04WA EAN: 4058352124338	LP number 57365_21
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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	17.5	16.5	17.8	18.1	16.3	17.7	16.7	18.0	18.3
	3H	16.5	17.6	16.9	18.0	18.3	16.7	17.8	17.0	18.2	18.5
	4H	16.6	17.7	17.0	18.1	18.4	16.8	17.9	17.2	18.2	18.6
	6H	16.7	17.7	17.1	18.1	18.5	16.9	17.9	17.3	18.3	18.7
	8H	16.9	17.7	17.3	18.1	18.5	17.1	17.9	17.5	18.3	18.7
	12H	16.9	17.7	17.3	18.1	18.5	17.1	17.9	17.5	18.3	18.7
4H	2H	16.2	17.3	16.6	17.7	18.1	16.4	17.5	16.8	17.8	18.2
	3H	16.7	17.6	17.1	18.0	18.4	16.9	17.8	17.3	18.2	18.6
	4H	17.0	17.8	17.4	18.2	18.6	17.1	17.9	17.5	18.3	18.8
	6H	17.2	17.8	17.6	18.3	18.7	17.3	18.0	17.8	18.4	18.9
	8H	17.2	17.9	17.7	18.3	18.8	17.4	18.0	17.9	18.4	18.9
	12H	17.3	17.8	17.8	18.3	18.8	17.5	18.0	18.0	18.4	18.9
8H	4H	17.0	17.6	17.5	18.1	18.6	17.2	17.8	17.6	18.2	18.7
	6H	17.3	17.8	17.8	18.3	18.8	17.4	17.9	17.9	18.4	18.9
	8H	17.4	17.9	17.9	18.3	18.9	17.5	18.0	18.0	18.5	19.0
	12H	17.5	17.9	18.1	18.4	18.9	17.7	18.0	18.2	18.5	19.0
12H	4H	17.1	17.6	17.5	18.0	18.5	17.2	17.7	17.7	18.2	18.7
	6H	17.3	17.7	17.8	18.2	18.8	17.5	17.9	18.0	18.3	18.9
	8H	17.5	17.8	18.0	18.3	18.9	17.6	17.9	18.1	18.4	19.0

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1710 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°		8111.2	8135.6	8310.9	8640.4	8675.8	8430.4	8284.2	
50°		5532.9	5534.7	5653.4	5840.6	5928.5	5844.1	5750.9	
55°		3974.2	4032.0	4188.3	4274.0	4270.8	4321.2	4319.3	
60°		3112.6	3264.1	3324.2	3405.9	3388.6	3384.5	3368.8	
65°		2706.5	2778.8	2801.7	2861.7	2925.3	2873.8	2848.4	
70°		2484.8	2422.2	2582.8	2552.7	2573.5	2552.0	2523.0	
75°		2125.1	2272.4	2386.6	2341.7	2222.7	2274.7	2256.1	
80°		1962.2	2091.4	1991.7	1962.0	1945.1	2030.4	2003.2	
85°		1927.2	1925.1	1850.1	1828.6	1842.9	1892.5	1888.4	

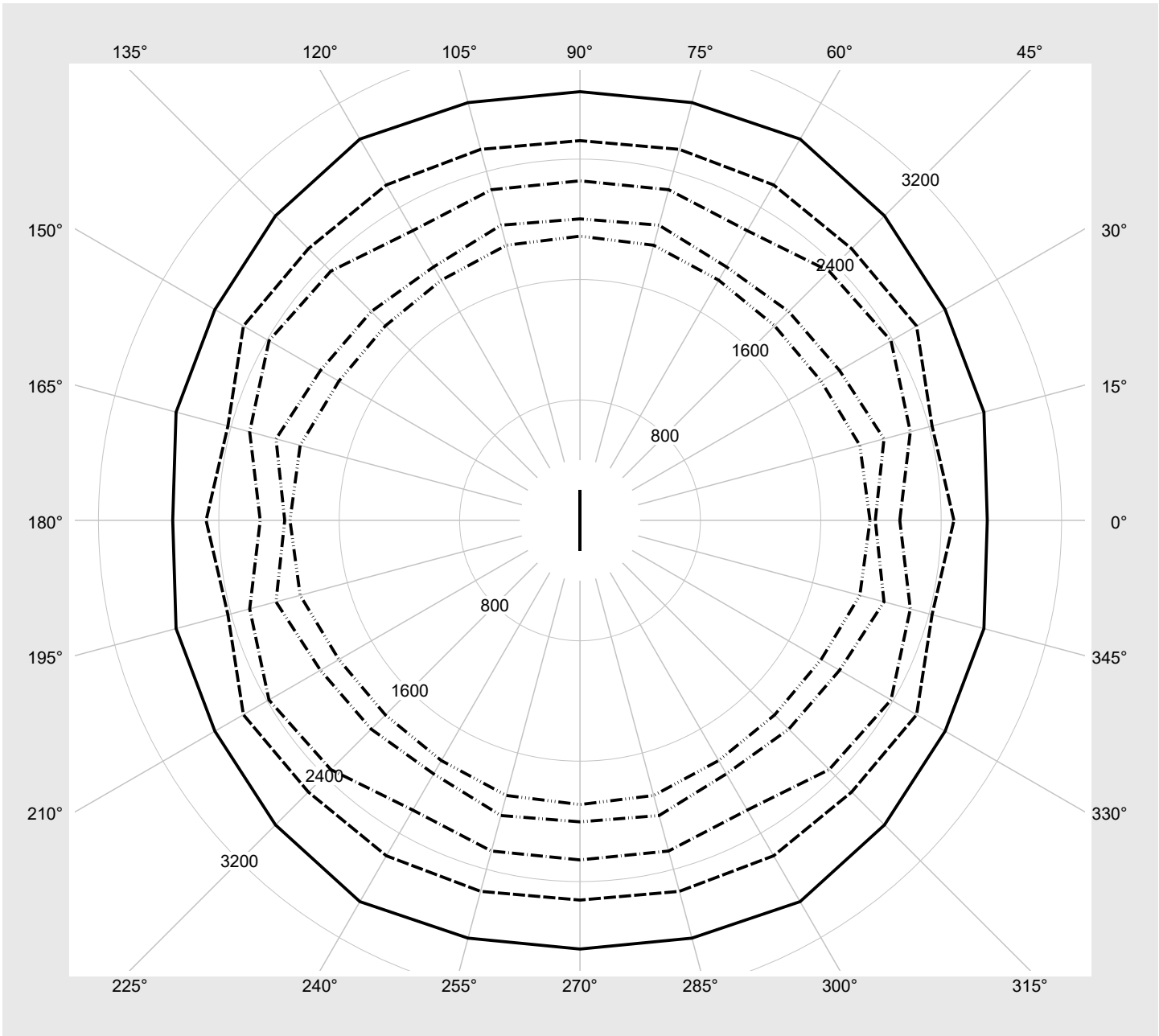
Photometric test report

Family Scriptus®	Order number: 5MZ223D04WA EAN: 4058352124338	LP number 57365_21
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco



Photometric test report

Family Scriptus®	Order number: 5MZ223D04WA EAN: 4058352124338	LP number 57365_21
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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	7230	50.6
95	240	252	6869	47.8
90	227	250	6508	45.1
85	213	248	6146	42.3
80	200	245	5785	39.6
75	187	243	5423	37.0
70	174	240	5062	34.3
65	161	237	4700	31.7
60	148	234	4339	29.3
55	136	231	3977	26.8
50	123	228	3616	24.5
45	111	224	3254	22.1
40	98	219	2892	19.8
35	86	214	2531	17.5
30	73	209	2169	15.2
25	61	202	1808	13.0
20	49	194	1446	10.8
15	37	183	1085	8.5
10	25	169	723	6.2
5	13	144	361	4.0