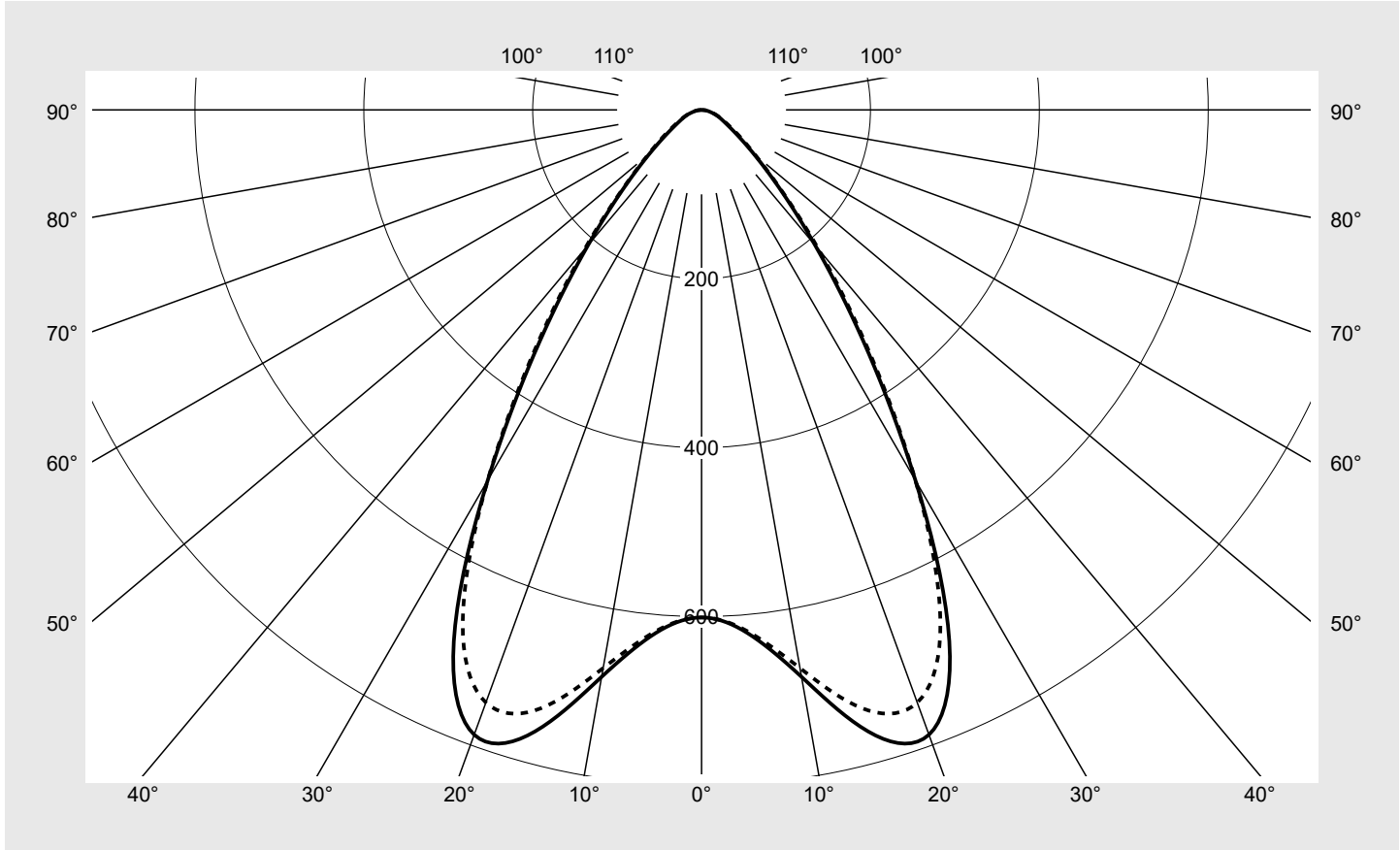


Photometric test report

Family Scriptus® 	Order number: 5MZ212D03WA EAN: 4058352066362	LP number 57359_2
	Version symmetrical design, MLA-optic, direct wide distribution, UGR≤19 Lamps 1 x LED 3000K / CRI ≥ 80 (unbekannt LED 3000K / CRI = 80) Controlgear ECG-DALI Rated values Net luminous flux = 4390 lm Power consumption = 34.6 W Luminous efficacy = 126.9 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: 5MZ212D03WA EAN: 4058352066362	LP number 57359_2
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: 5MZ212D03WA EAN: 4058352066362	LP number 57359_2
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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	15.8	17.2	16.2	17.5	17.8	16.0	17.3	16.4	17.6	18.0
	3H	16.1	17.3	16.5	17.7	18.0	16.3	17.5	16.7	17.8	18.2
	4H	16.3	17.4	16.7	17.7	18.1	16.5	17.6	16.9	17.9	18.3
	6H	16.4	17.4	16.8	17.8	18.2	16.6	17.6	17.0	18.0	18.3
	8H	16.6	17.4	17.0	17.8	18.2	16.7	17.6	17.2	18.0	18.4
	12H	16.6	17.4	17.0	17.8	18.2	16.8	17.5	17.2	17.9	18.4
4H	2H	15.9	17.0	16.3	17.4	17.7	16.1	17.2	16.5	17.5	17.9
	3H	16.4	17.3	16.8	17.7	18.1	16.6	17.5	17.0	17.8	18.3
	4H	16.6	17.4	17.1	17.8	18.3	16.8	17.6	17.2	18.0	18.4
	6H	16.8	17.5	17.3	18.0	18.4	17.0	17.7	17.4	18.1	18.6
	8H	16.9	17.5	17.4	18.0	18.5	17.1	17.7	17.5	18.1	18.6
	12H	17.0	17.5	17.5	18.0	18.5	17.1	17.6	17.6	18.1	18.6
8H	4H	16.7	17.3	17.2	17.8	18.2	16.8	17.5	17.3	17.9	18.4
	6H	17.0	17.5	17.5	18.0	18.5	17.1	17.6	17.6	18.1	18.6
	8H	17.1	17.5	17.6	18.0	18.6	17.2	17.6	17.7	18.1	18.7
	12H	17.2	17.6	17.7	18.1	18.6	17.3	17.7	17.8	18.2	18.7
12H	4H	16.7	17.2	17.2	17.7	18.2	16.9	17.4	17.4	17.8	18.3
	6H	17.0	17.4	17.5	17.9	18.4	17.1	17.5	17.6	18.0	18.6
	8H	17.1	17.5	17.7	18.0	18.5	17.3	17.6	17.8	18.1	18.7

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1140 B = 95
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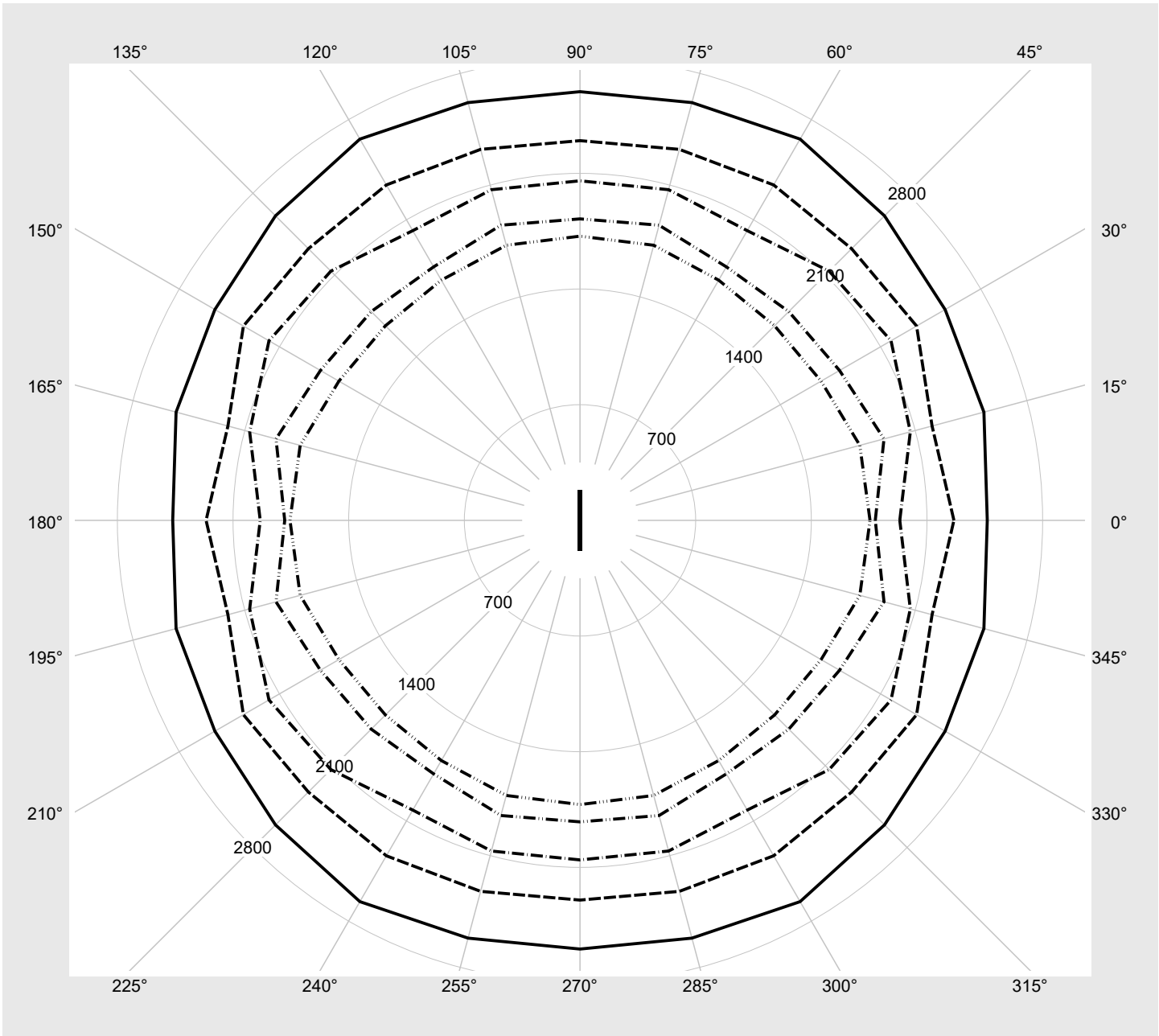
C-planes	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
			Luminance in cd/m²					
45°		7387.6	7409.8	7569.5	7869.5	7901.9	7678.3	7545.1
50°		5039.3	5040.9	5149.1	5319.5	5399.6	5322.7	5237.8
55°		3619.7	3672.3	3814.6	3892.7	3889.8	3935.7	3933.9
60°		2834.9	2972.9	3027.6	3102.0	3086.3	3082.6	3068.3
65°		2465.0	2530.9	2551.7	2606.4	2664.3	2617.4	2594.3
70°		2263.1	2206.1	2352.3	2325.0	2343.9	2324.4	2297.9
75°		1935.5	2069.7	2173.7	2132.8	2024.4	2071.7	2054.8
80°		1787.2	1904.8	1814.0	1786.9	1771.5	1849.3	1824.5
85°		1755.3	1753.4	1685.0	1665.5	1678.5	1723.6	1719.9

Photometric test report

Family Scriptus®	Order number: 5MZ212D03WA EAN: 4058352066362	LP number 57359_2
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Luminance values in cd/m²

γ 65°
γ 70°
γ 75°
γ 80°
γ 85°



Photometric test report

Family Scriptus®	Order number: 5MZ212D03WA EAN: 4058352066362	LP number 57359_2
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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	4390	34.6
95	241	252	4169	32.9
90	227	250	3949	31.2
85	214	248	3730	29.5
80	201	245	3510	27.8
75	188	243	3291	26.1
70	175	241	3072	24.5
65	162	238	2852	22.8
60	150	235	2633	21.2
55	137	231	2413	19.7
50	124	228	2194	18.1
45	112	224	1975	16.5
40	99	220	1755	15.0
35	87	215	1536	13.5
30	75	209	1316	11.9
25	62	202	1097	10.4
20	50	194	878	8.9
15	38	185	658	7.4
10	26	169	439	5.8
5	13	146	218	4.4