
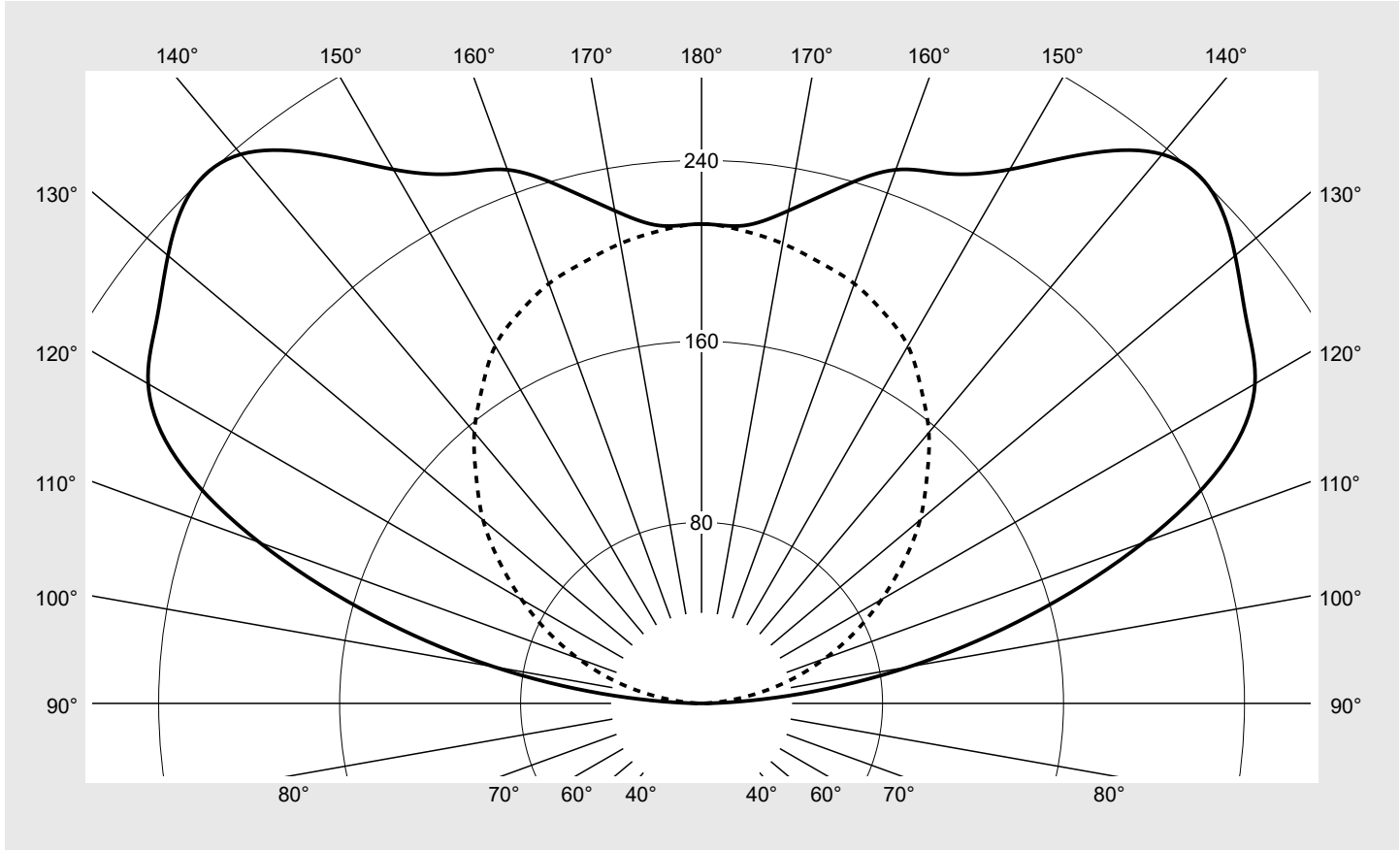


Photometric test report

Family Scriptus®	Order number: 5MZ312D04WA EAN: 4058352065129	LP number 57361_1
	Version symmetrical design, MLA-optic, direct/indirect wide distribution, UGR≤19 Lamps 1 x LED 4000K / CRI ≥ 80 (unbekannt LED 4000K / CRI = 80) Controlgear ECG-DALI Setting individual position: only indirect light Rated values Net luminous flux = 3210 lm Power consumption = 26.9 W Luminous efficacy = 119.3 lm/W	serial documentation 25.01.2017



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 319 cd/klm**



Classifications	
DIN 5040	E 1 2
CIE	N1=n. def. N2=n. def. N3=n. def. N4=0 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	0.0%
ϕ_o	100.0%

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° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	38.5	39.8	41.7	38.1	24.0	15.3	8.9	16.6	16.6
100°	93.3	95.8	96.6	83.9	54.7	34.0	24.5	38.1	54.7
105°	150.3	153.2	156.0	130.9	81.7	50.4	41.4	59.0	113.7
110°	208.0	210.7	208.4	167.5	101.6	66.9	58.0	76.2	189.9
115°	256.1	253.2	243.2	188.0	115.0	83.8	75.0	86.8	276.8
120°	282.5	279.2	262.6	197.0	126.2	100.1	91.9	91.2	367.9
125°	294.2	290.2	274.3	200.9	138.3	115.9	109.1	91.4	459.3
130°	307.9	304.5	276.8	200.9	151.1	131.0	126.1	89.7	549.0
135°	319.4	311.0	271.8	201.6	166.3	144.1	140.8	85.6	634.6
140°	316.8	303.2	257.6	205.3	181.4	156.8	156.3	78.7	713.3
145°	296.5	282.6	245.5	212.3	193.1	168.5	169.4	69.9	783.3
150°	272.5	262.3	240.6	222.8	199.8	178.0	182.5	60.8	844.1
155°	258.3	253.4	242.9	225.6	203.5	187.8	190.6	51.6	895.7
160°	251.0	247.5	237.5	222.6	206.5	195.4	197.4	41.7	937.4
165°	236.0	234.0	226.4	216.8	208.5	202.4	201.8	30.9	968.3
170°	221.1	220.0	217.3	213.6	209.1	207.2	206.4	20.3	988.6
175°	212.0	212.9	211.6	211.9	211.4	211.1	209.7	10.1	998.7
180°	211.9	211.9	211.9	211.9	211.9	211.9	211.9	1.3	1000.0

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UGR-Table Standard room		sITeco

The UGR formula for this luminaire type cannot be used, see LiTG Publication 20:
"The UGR - Process for Evaluation of Direct Glare of Artificial Lighting in Indoor Rooms"

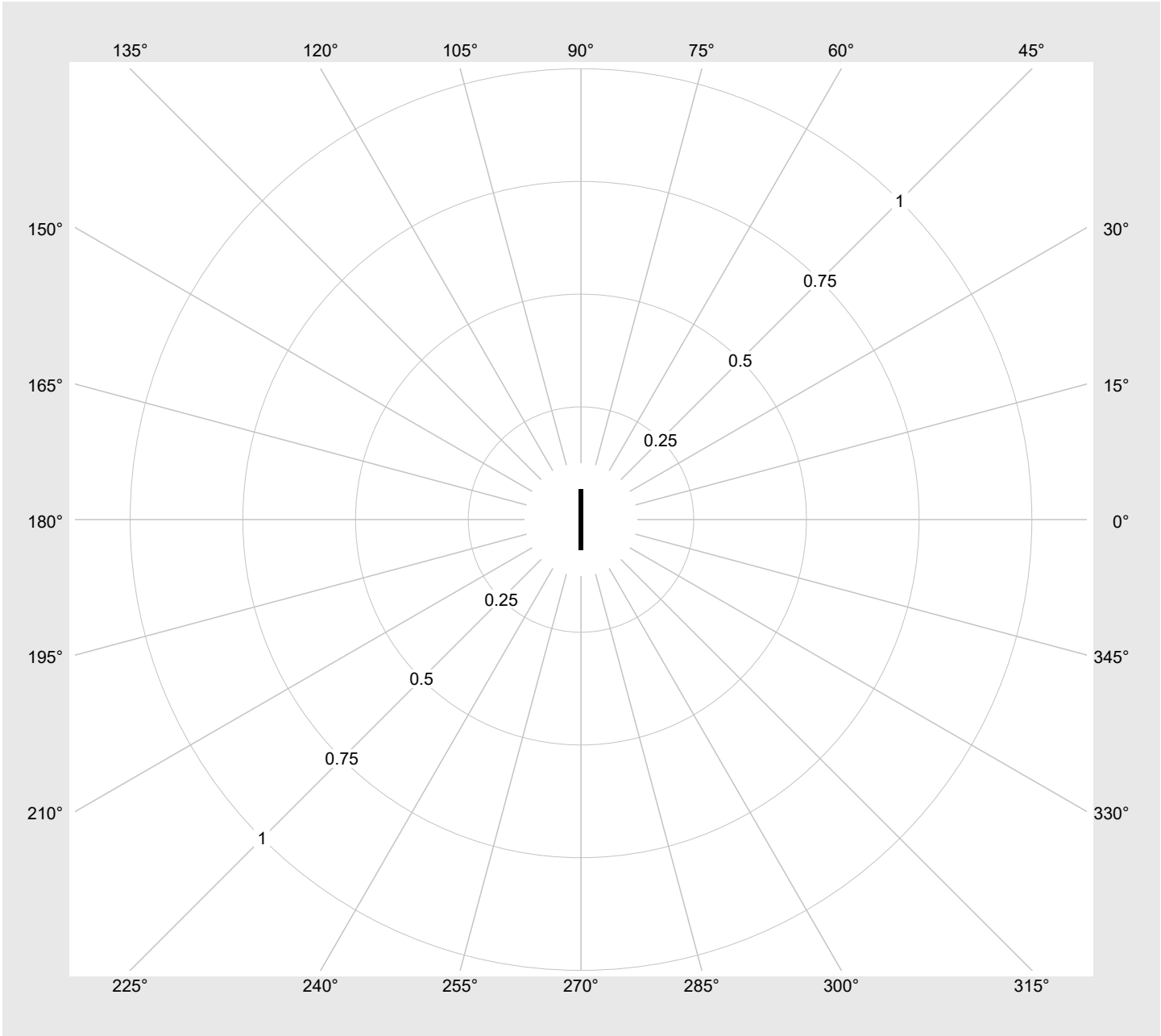
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1400 B = 42
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C-planes	γ	0°	15°	30°	45°	60°	75°	90°
		180°	165°	150°	135°	120°	105°	270°
		195°	210°	225°	240°	255°	285°	
		345°	330°	315°	300°	285°	270°	
		Luminance in cd/m ²						
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°



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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	3210	26.9
95	240	252	3050	25.5
90	226	250	2890	24.0
85	213	248	2729	22.7
80	199	245	2569	21.3
75	185	242	2408	20.0
70	172	240	2248	18.7
65	159	237	2087	17.4
60	146	234	1927	16.2
55	133	230	1766	14.9
50	121	227	1606	13.7
45	108	223	1445	12.4
40	95	218	1284	11.3
35	83	214	1124	10.0
30	71	207	963	8.9
25	59	201	803	7.7
20	46	192	642	6.6
15	34	182	482	5.6
10	22	168	321	4.6
5	11	139	160	3.0