

Lichttechnischer Prüfbefund

Familie
Scriptus®

Bestell-Nr.: 5MZ314D04WA
EAN: 4058352067789

LP-Nummer
57361_21



Ausführung symmetrische Bauform, MLA-Optik, direkt/indirekt breit strahlend, UGR≤19

Bestückung 1 x LED 4000K / CRI ≥ 80 (unbekannt LED 4000K / CRI = 80)

Betriebsgerät EVG-DALI

Einstellung indiv. Einstellung: nur Indirektanteil in Betrieb

Bemessungswerte Nettolichtstrom = 6430 lm
Systemleistung = 53.1 W
Lichtausbeute = 121.1 lm/W

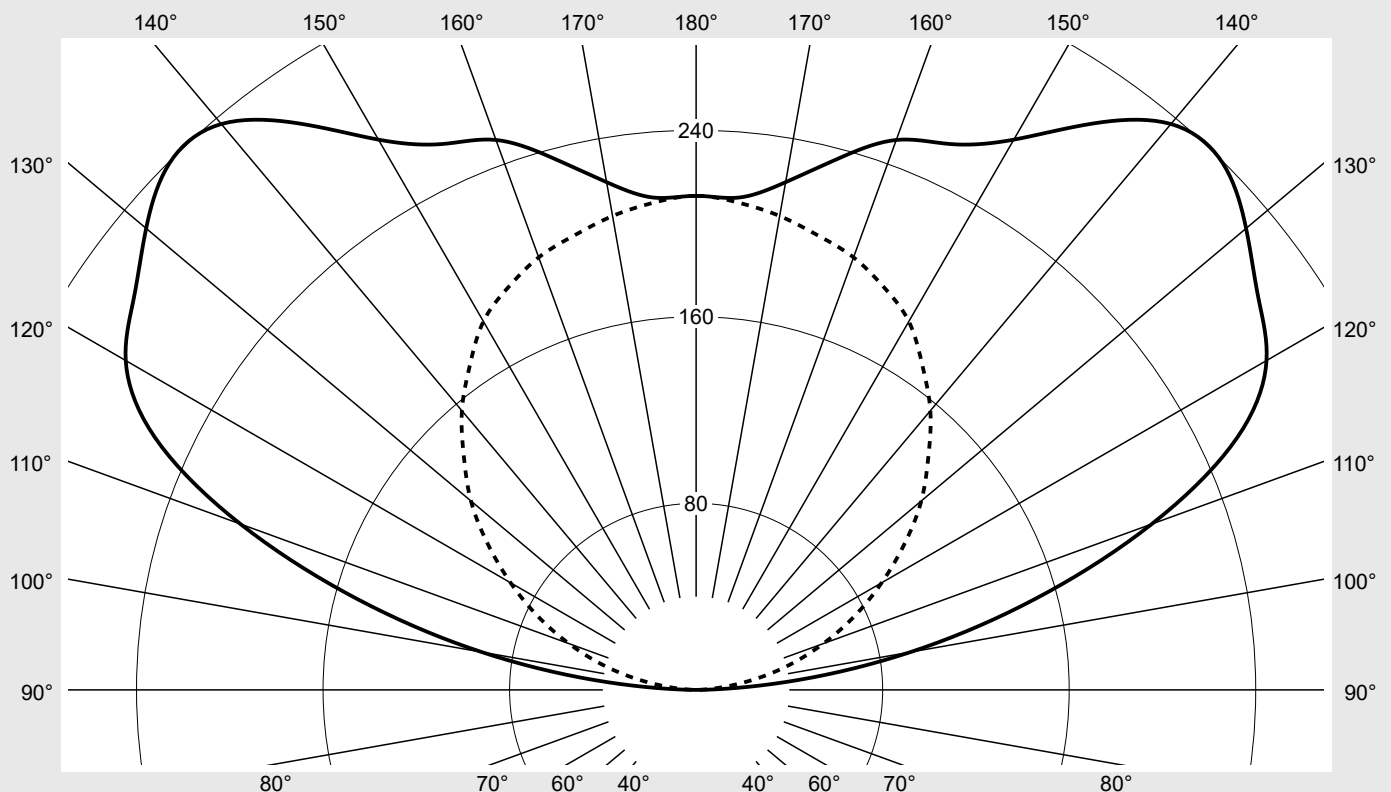
Seriendokumentation
25.01.2017

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Lichtstärke in cd/klm

C180-0 C270-90

Imax: 319 cd/klm



Klassifizierungen

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

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 0,0%
 ϕ_o 100,0%

Messbedingungen

DIN EN 13032 und DIN 5032

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		sITeco

C- Ebenen	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	Summe Phi-Zone
γ									
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-Tabelle	Standardraum	sITeco

Die UGR-Formel ist für diese Leuchtentype nicht anwendbar, siehe LiTG Publikation 20:
 "Das UGR - Verfahren zur Bewertung der Direktblendung der künstlichen Beleuchtung in Innenräumen"

Leuchtdichten-Tabelle	Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm:	L = 2300 B = 42
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C- Ebenen	γ	0°	15°	30°	45°	60°	75°	90°
		180°	165°	150°	135°	120°	105°	270°
		195°	210°	225°	240°	255°	285°	300°
		345°	330°	315°	300°	285°	270°	255°
		Leuchtdichte 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

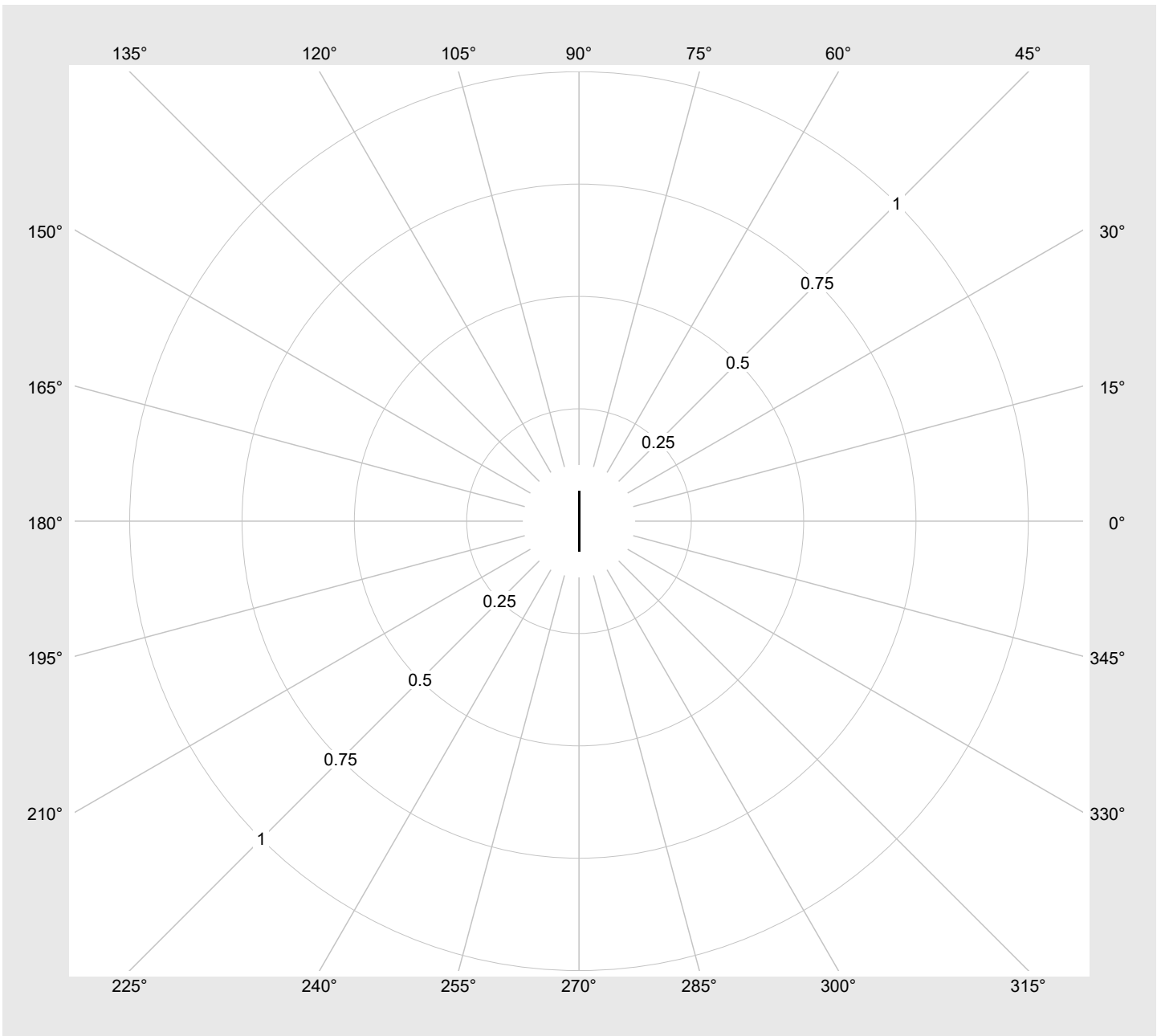
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	6430	53.1
95	240	252	6109	49.9
90	226	250	5788	47.1
85	212	247	5466	44.2
80	198	245	5145	41.3
75	185	243	4823	38.6
70	171	240	4502	35.8
65	158	237	4180	33.1
60	145	234	3859	30.5
55	132	230	3537	27.9
50	120	227	3216	25.5
45	107	223	2894	23.0
40	95	218	2572	20.5
35	83	213	2251	17.9
30	70	208	1929	15.8
25	59	201	1608	13.4
20	47	193	1286	11.1
15	35	182	965	9.0
10	23	167	643	6.6
5	11	142	321	4.6