

## Lichttechnischer Prüfbefund

Familie  
Scriptus®

Bestell-Nr.: 5MZ223D04WA  
EAN: 4058352124338

LP-Nummer  
57365\_21



**Ausführung** asymmetrische Bauform, MLA-Optik, direkt  
breit strahlend, UGR≤19

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

**Betriebsgerät** EVG-DALI

**Bemessungswerte** Nettolichtstrom = 7230 lm  
Systemleistung = 50.6 W  
Lichtausbeute = 142.9 lm/W

Seriendokumentation  
25.01.2017

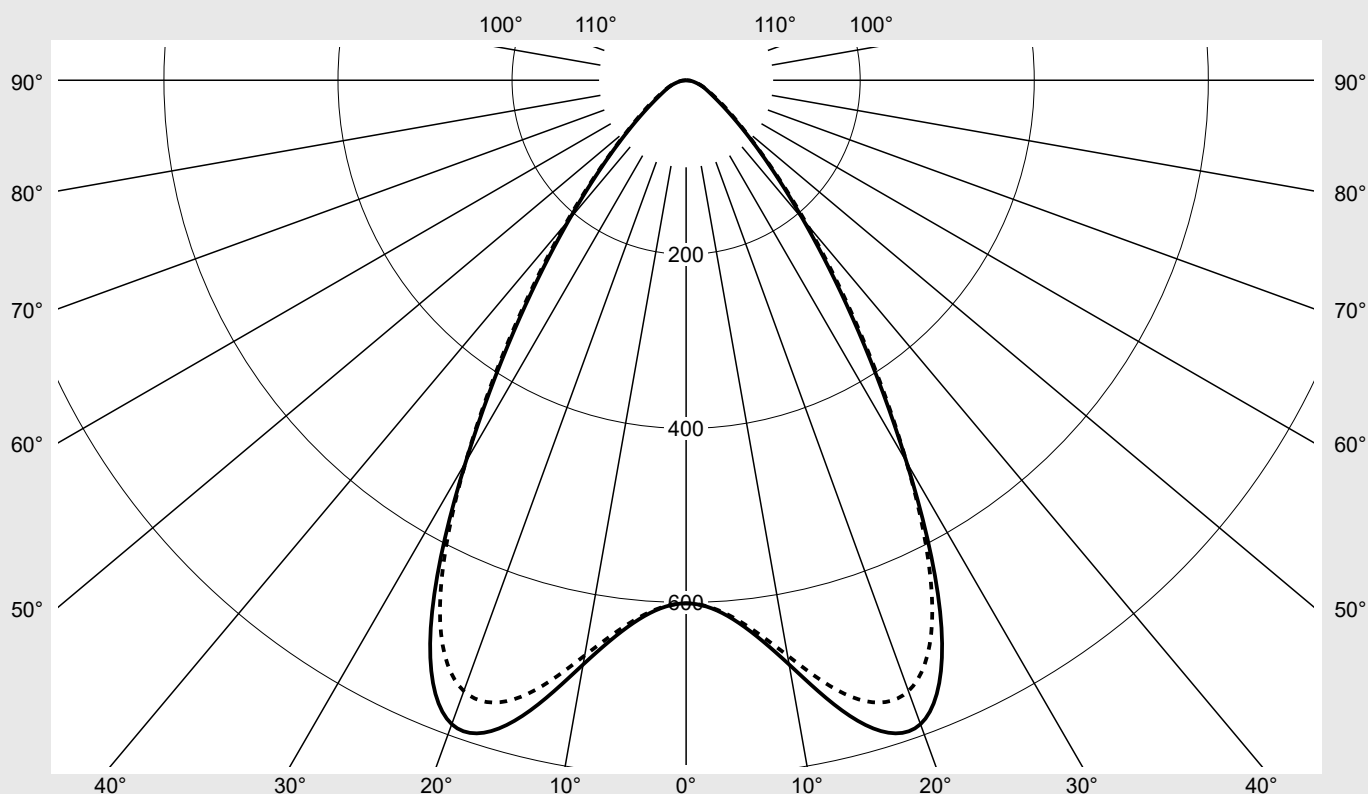
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 790 cd/klm



## Klassifizierungen

DIN 5040 A 6 0  
CIE N1=82 N2=95 N3=99  
N4=100 N5=100

## Leuchtenbetriebswirkungsgrade

$\eta_{LB}$  100,0%  
 $\phi_u$  100,0%  
 $\phi_o$  0,0%

## Messbedingungen

DIN EN 13032 und DIN 5032

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>sITeco</b>

C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-Zone	Summe Phi-Zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Lichtstärke in cd/klm								Lichtstrom in lm/klm	
γ									
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-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (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

## Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

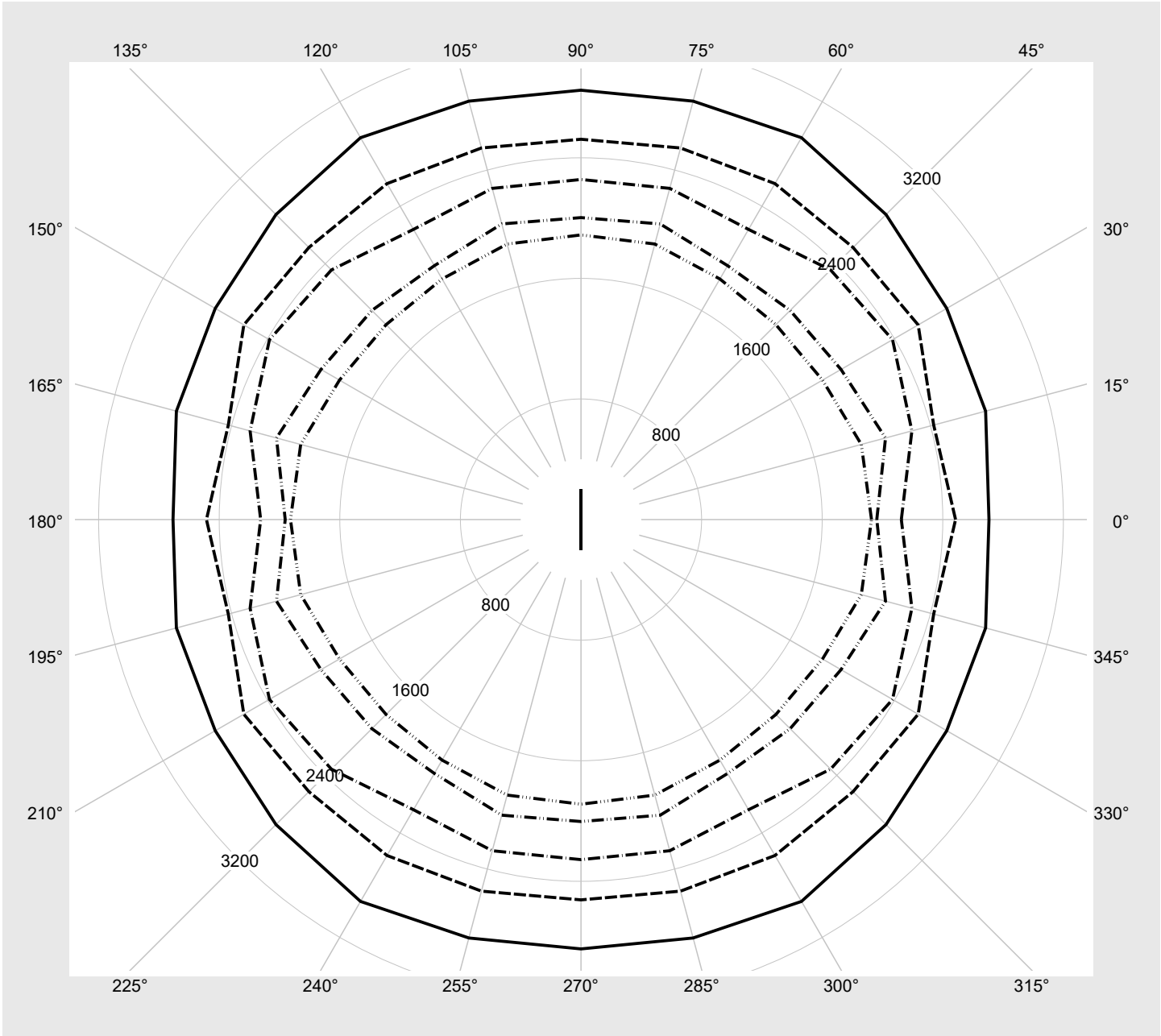
Lichttechnische Abmessungen in mm: **L = 1710**  
**B = 95**

C-Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>							
		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	

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Leuchtdichten in cd/m<sup>2</sup>       $\gamma$  65°     $\gamma$  70°     $\gamma$  75°     $\gamma$  80°     $\gamma$  85°



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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>sITeco</b>
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [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