

## Lichttechnischer Prüfbefund

Familie  
Scriptus®

Bestell-Nr.: 5MZ312D04WA  
EAN: 4058352065129

LP-Nummer  
57360\_1



**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 Direktanteil in Betrieb

**Bemessungswerte** Nettolichtstrom = 4810 lm  
Systemleistung = 34.6 W  
Lichtausbeute = 139 lm/W

Seriendokumentation  
25.01.2017

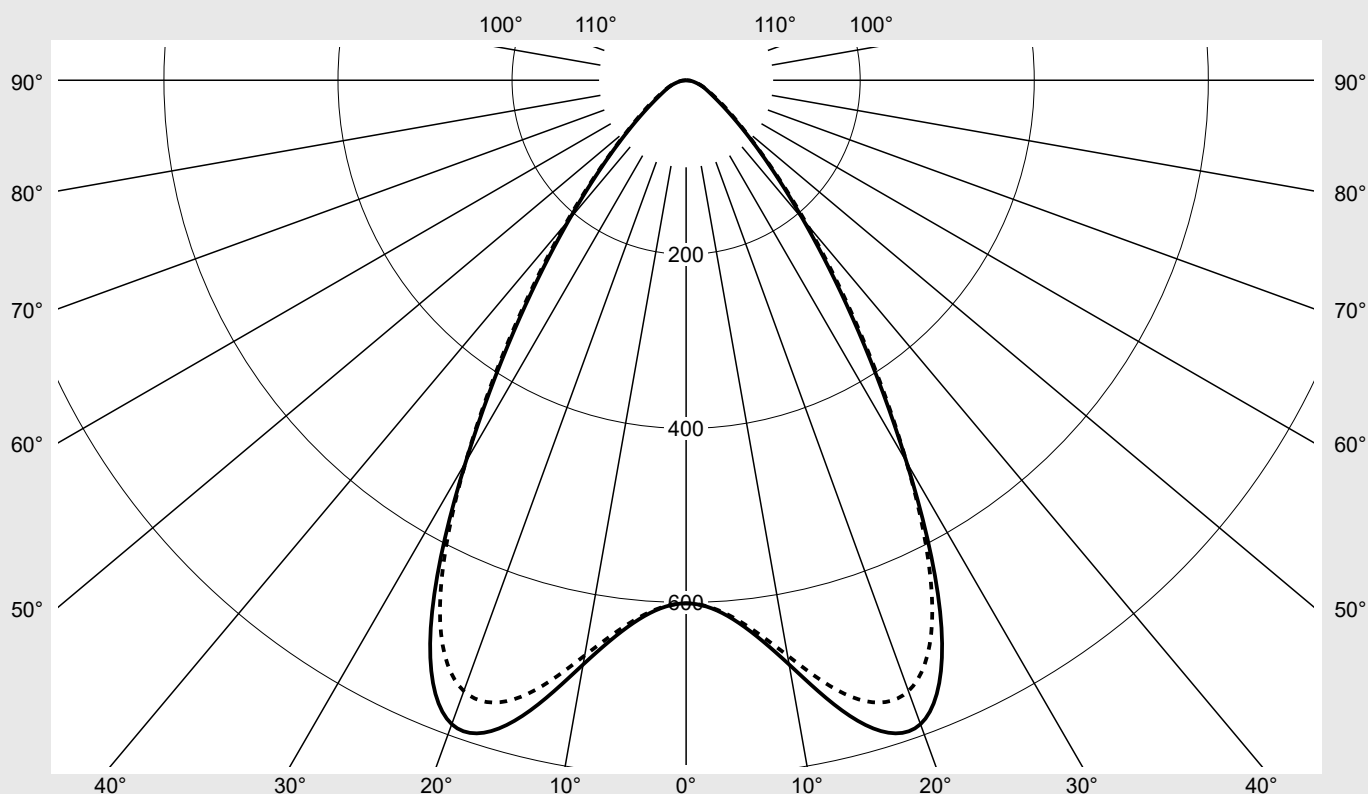
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Lichtstärke in cd/klm

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	17,6	16,7	18,0	18,3
	3H	16,5	17,6	16,8	18,0	18,3	16,7	17,8	17,0	18,2	18,5
	4H	16,6	17,7	17,0	18,0	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	16,9	17,7	17,4	18,2	18,6	17,1	17,9	17,5	18,3	18,7
	6H	17,1	17,8	17,6	18,3	18,7	17,3	18,0	17,7	18,4	18,9
	8H	17,2	17,9	17,7	18,3	18,8	17,4	18,0	17,8	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	17,6	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	18,7	17,4	17,8	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

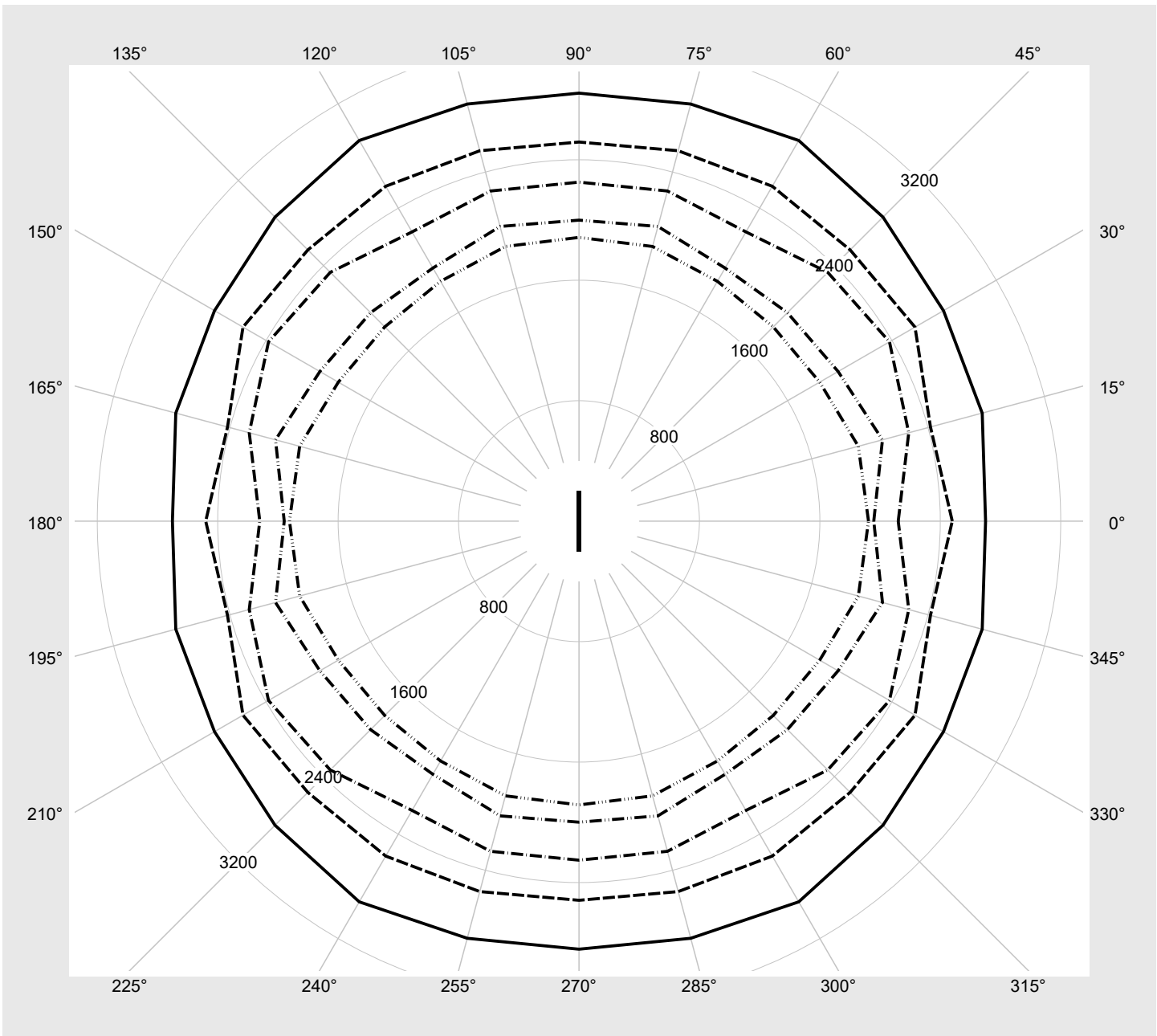
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1140 B = 95
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C-Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		8094.4	8118.7	8293.7	8622.4	8657.8	8413.0	8267.0	
50°		5521.4	5523.2	5641.7	5828.5	5916.2	5831.9	5738.9	
55°		3966.0	4023.6	4179.6	4265.2	4261.9	4312.2	4310.3	
60°		3106.1	3257.3	3317.3	3398.8	3381.6	3377.5	3361.8	
65°		2700.9	2773.1	2795.9	2855.8	2919.2	2867.8	2842.5	
70°		2479.6	2417.2	2577.4	2547.4	2568.2	2546.8	2517.8	
75°		2120.6	2267.7	2381.7	2336.9	2218.1	2269.9	2251.4	
80°		1958.2	2087.1	1987.6	1957.9	1941.0	2026.2	1999.1	
85°		1923.2	1921.2	1846.2	1824.8	1839.1	1888.5	1884.5	

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Leuchtdichten in cd/m<sup>2</sup>      γ 65°    γ 70°    γ 75°    γ 80°    γ 85°      **siteco**



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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	4810	34.6
95	241	252	4569	32.9
90	228	250	4328	31.2
85	214	248	4088	29.5
80	201	245	3847	27.8
75	188	243	3607	26.1
70	175	241	3366	24.5
65	162	238	3126	22.8
60	150	235	2885	21.2
55	137	231	2645	19.7
50	124	228	2405	18.1
45	112	224	2164	16.5
40	99	220	1924	15.0
35	87	215	1683	13.5
30	75	209	1443	11.9
25	62	202	1202	10.4
20	50	194	962	8.9
15	38	185	721	7.4
10	26	169	481	5.8
5	13	146	239	4.4