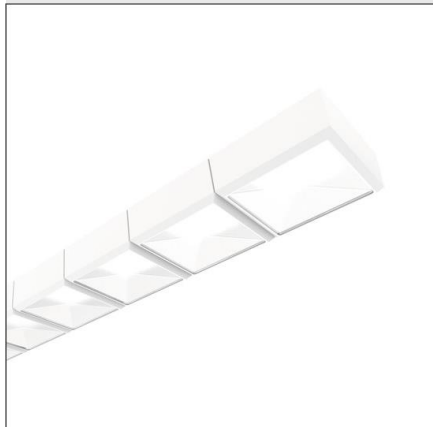


## Lichttechnischer Prüfbefund

Familie  
**Scriptus®**

Bestell-Nr.: **5MZ312D04WA**  
EAN: **4058352065129**

LP-Nummer  
**57361\_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 Indirektanteil in Betrieb

**Bemessungswerte** Nettolichtstrom = 3210 lm  
Systemleistung = 26.9 W  
Lichtausbeute = 119.3 lm/W

Seriendokumentation  
**25.01.2017**

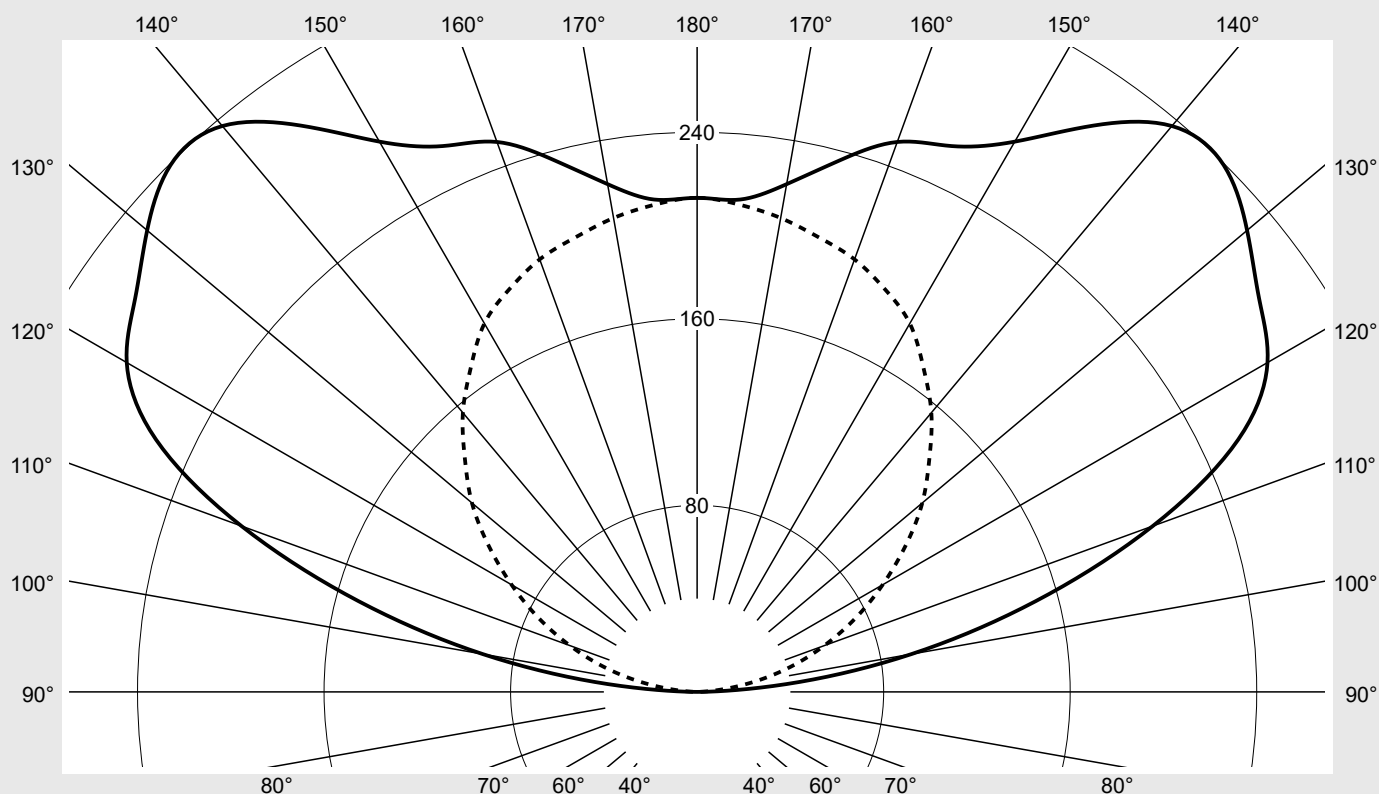
siteco

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

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

## Messbedingungen

DIN EN 13032 und DIN 5032

## Lichttechnischer Prüfbefund

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

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

## Lichttechnischer Prüfbefund

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<b>UGR-Tabelle</b>	<b>Standardraum</b>	<b>sITeco</b>

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"

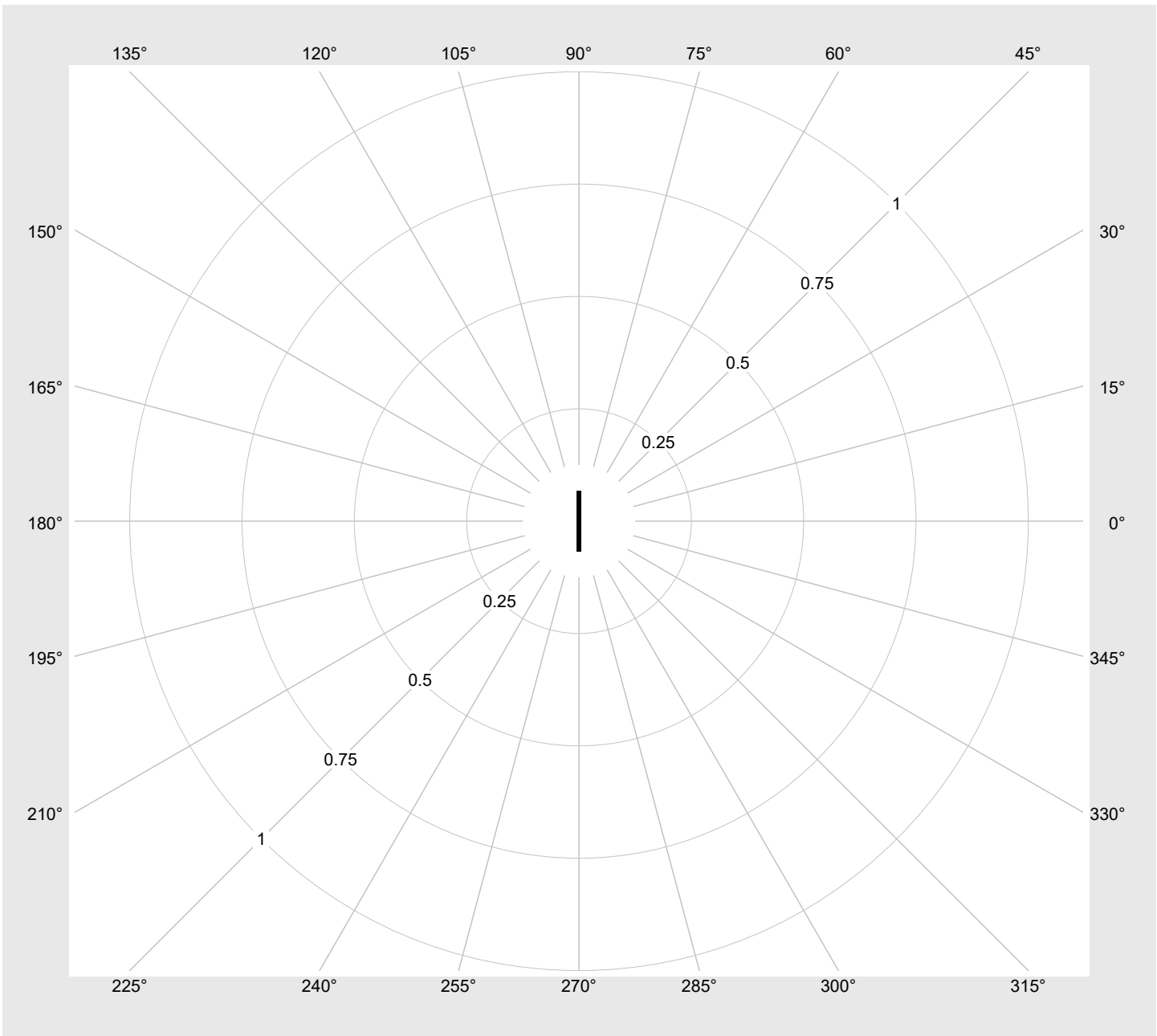
<b>Leuchtdichten-Tabelle</b>	<b>Max. für <math>\gamma \geq 65^\circ</math></b>	<b>Lichttechnische</b> Abmessungen in mm:	<b>L = 1400</b> <b>B = 42</b>
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C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°		
$\gamma$		Leuchtdichte in cd/m <sup>2</sup>						
45°	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	
55°	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	
65°	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	
75°	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	
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

**Lichttechnischer Prüfbefund**

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**Leuchtdichten in cd/m²**      γ 65°    γ 70°    γ 75°    γ 80°    γ 85°      **siteco**



## Lichttechnischer Prüfbefund

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<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 25°C</b>

**sITeco**

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [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