

## Lichttechnischer Prüfbefund

Familie  
**Scriptus®**

Bestell-Nr.: **5MZ312D0TWB**  
EAN: **4058352198193**

LP-Nummer  
**57450\_14**



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

**Bestückung** LED 3000K + 6500K / CRI ≥ 80  
(unbekannt LED 3000K + 6500K / CRI = 80)

**Betriebsgerät** EVG-DALI

**Einstellung** indiv. Einstellung: nur Indirektanteil in Betrieb, 6500K

**Bemessungswerte** Nettolichtstrom = 6400 lm  
Systemleistung = 56.8 W  
Lichtausbeute = 112.7 lm/W

Seriendokumentation  
**11.08.2017**

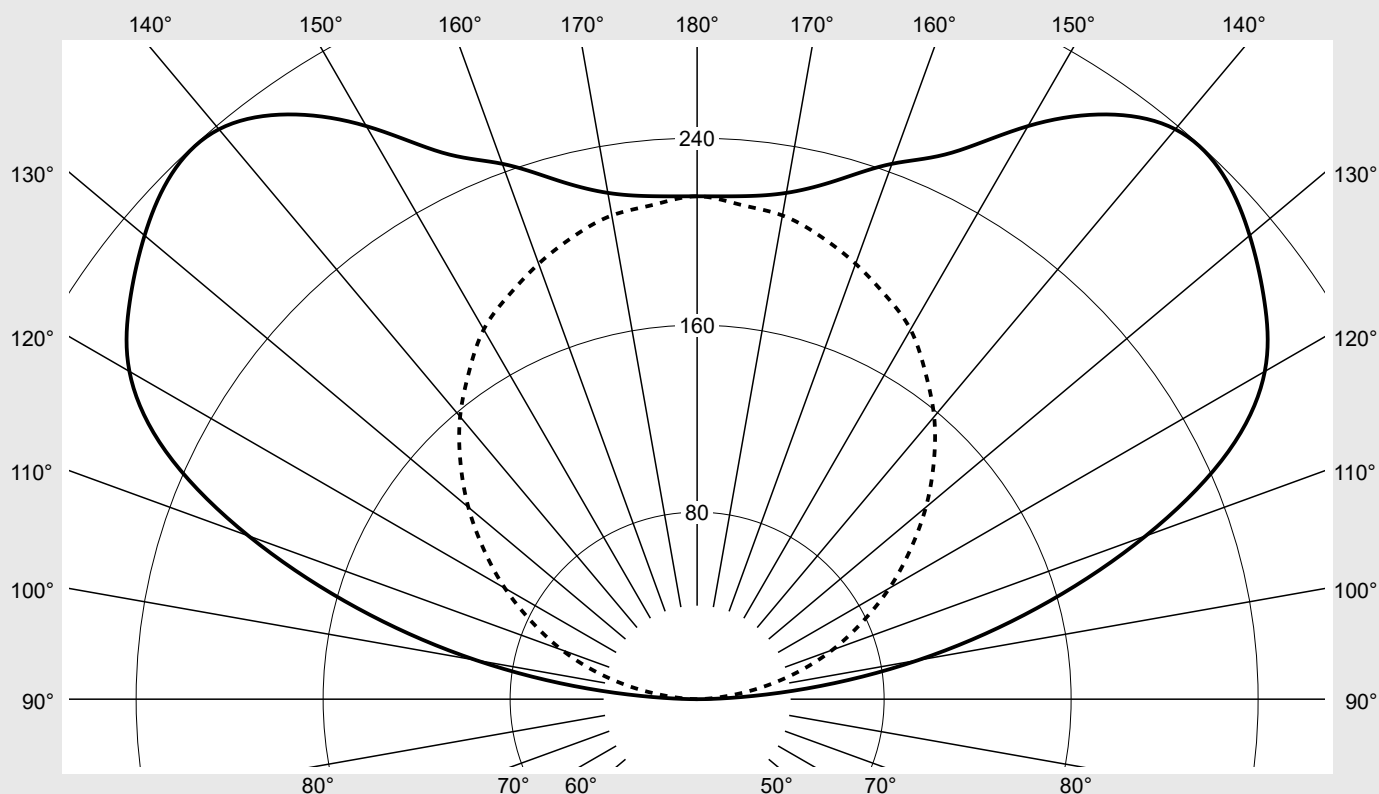
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 318 cd/klm



## Klassifizierungen

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

## Leuchtenbetriebswirkungsgrade

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

## 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° 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°	0.8	0.8	0.9	0.8	0.6	0.4	0.1	0.4	0.4
95°	41.2	42.2	44.4	39.1	25.0	16.0	10.0	17.5	17.9
100°	96.0	96.7	96.6	83.6	54.4	34.4	26.7	38.4	56.3
105°	150.5	153.4	153.5	128.5	79.5	51.0	44.3	58.5	114.8
110°	204.2	207.6	202.6	163.4	99.0	68.1	61.6	75.0	189.8
115°	250.8	249.3	238.0	184.6	113.0	84.8	77.9	85.6	275.4
120°	280.4	275.4	260.2	196.8	126.1	100.8	95.0	90.8	366.2
125°	296.3	293.2	270.9	203.0	138.6	116.0	111.3	91.7	457.9
130°	308.6	301.4	276.9	207.7	151.4	129.9	127.8	90.0	547.8
135°	317.8	309.2	274.9	208.0	163.7	143.5	143.2	85.9	633.8
140°	318.3	306.9	268.2	210.7	175.3	156.0	157.8	79.6	713.3
145°	305.4	292.0	256.0	213.7	187.6	168.6	170.4	71.0	784.4
150°	283.1	270.6	243.4	217.3	194.4	179.4	182.6	61.1	845.5
155°	258.0	251.7	237.2	218.6	199.2	189.3	190.7	51.0	896.5
160°	243.7	239.1	231.0	215.0	204.4	198.0	198.2	40.9	937.3
165°	229.7	227.1	221.3	214.6	209.3	205.7	204.8	30.6	968.0
170°	219.9	220.6	217.8	214.5	211.9	211.8	210.1	20.5	988.4
175°	216.0	215.4	215.3	215.0	215.0	214.0	212.4	10.3	998.7
180°	215.1	215.1	215.1	215.1	215.1	215.1	215.1	1.3	1000.0

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

Die UGR-Formel ist für diese Leuchtentypen 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 Abmessungen in mm:</b>	<b>L = 1400</b> <b>B = 42</b>
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C- Ebenen	$0^\circ$ $180^\circ$	$15^\circ$	$30^\circ$	$45^\circ$	$60^\circ$	$75^\circ$	$90^\circ$ $270^\circ$
		$165^\circ$ $195^\circ$ $345^\circ$	$150^\circ$ $210^\circ$ $330^\circ$	$135^\circ$ $225^\circ$ $315^\circ$	$120^\circ$ $240^\circ$ $300^\circ$	$105^\circ$ $255^\circ$ $285^\circ$	
$\gamma$	Leuchtdichte in $\text{cd/m}^2$						
$45^\circ$	0.0	0.0	0.0	0.0	0.0	0.0	0.0
$50^\circ$	0.0	0.0	0.0	0.0	0.0	0.0	0.0
$55^\circ$	0.0	0.0	0.0	0.0	0.0	0.0	0.0
$60^\circ$	0.0	0.0	0.0	0.0	0.0	0.0	0.0
$65^\circ$	0.0	0.0	0.0	0.0	0.0	0.0	0.0
$70^\circ$	0.0	0.0	0.0	0.0	0.0	0.0	0.0
$75^\circ$	0.0	0.0	0.0	0.0	0.0	0.0	0.0
$80^\circ$	0.0	0.0	0.0	0.0	0.0	0.0	0.0
$85^\circ$	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°      **siteco**

