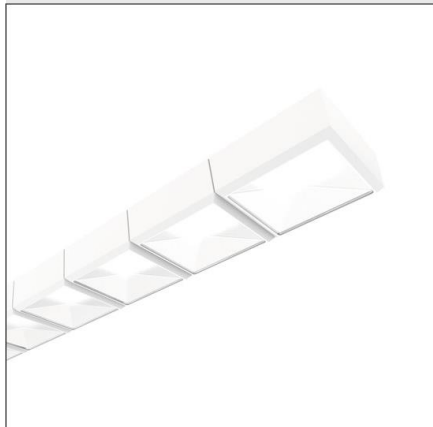


Lichttechnischer Prüfbefund

Familie
Scriptus®

Bestell-Nr.: 5MZ314D04WA
EAN: 4058352067789

LP-Nummer
57360_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 Direktanteil in Betrieb

Bemessungswerte Nettolichtstrom = 9630 lm
Systemleistung = 67.2 W
Lichtausbeute = 143.3 lm/W

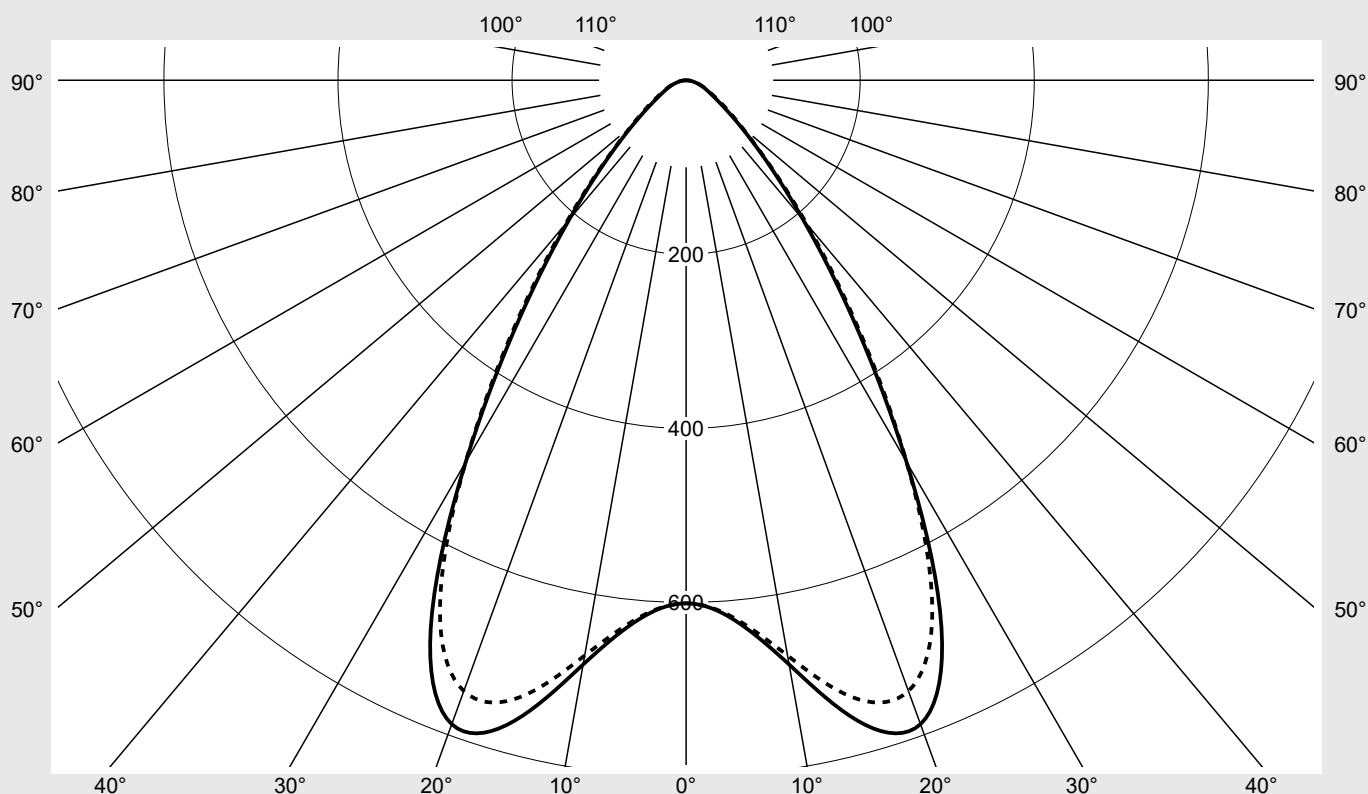
Seriendokumentation
25.01.2017

siteco

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

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Scriptus®	Bestell-Nr.: 5MZ314D04WA EAN: 4058352067789	LP-Nummer 57360_21
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°	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

Lichttechnischer Prüfbefund

Familie Scriptus®	Bestell-Nr.: 5MZ314D04WA EAN: 4058352067789	LP-Nummer 57360_21
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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	16,9	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	16,9	17,7	17,4	18,2	18,6	17,1	17,9	17,5	18,3	18,8
	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	18,8	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 $\gamma \geq 65^\circ$

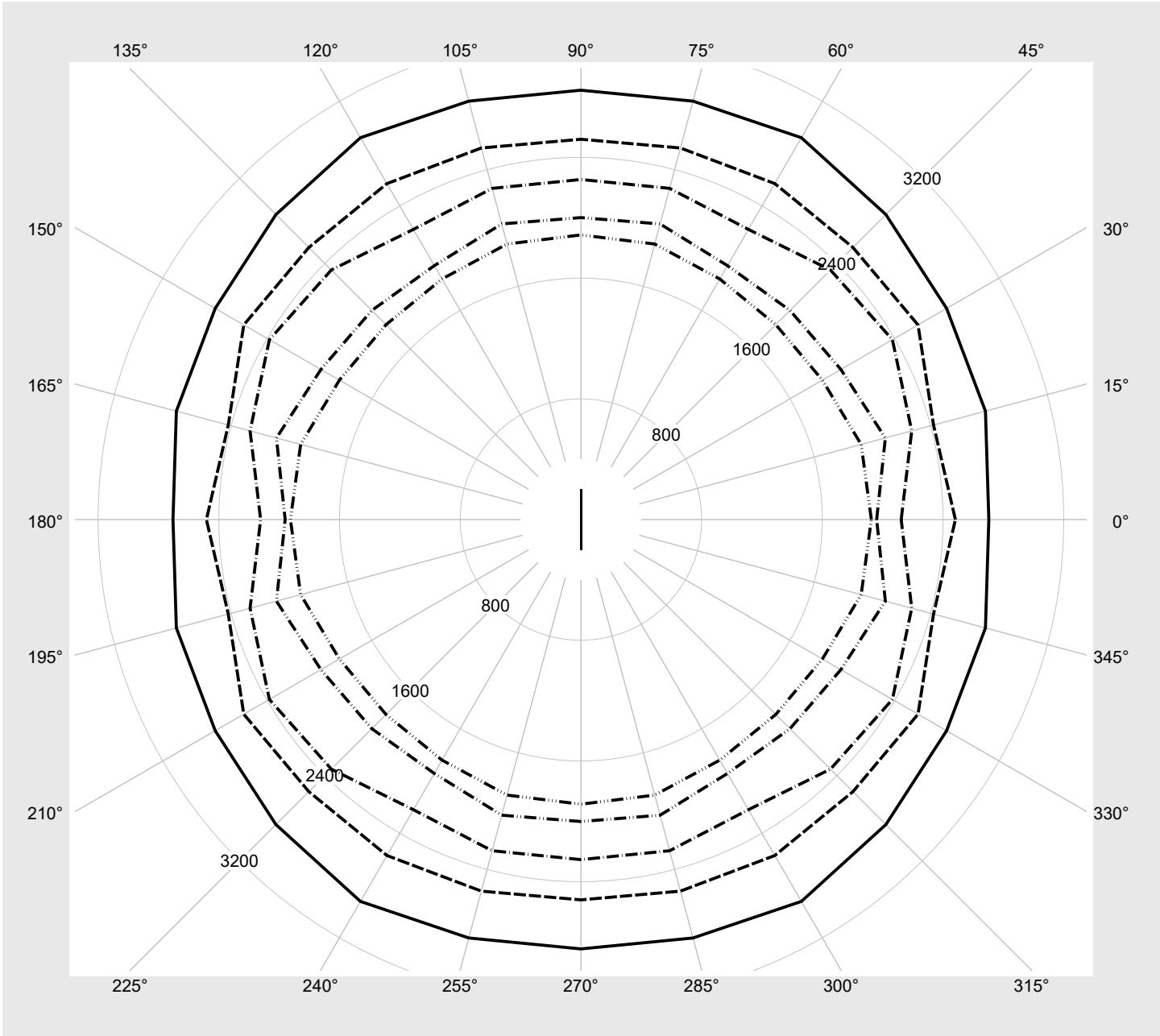
Lichttechnische Abmessungen in mm: **L = 2280**
B = 95

C- Ebenen	γ	Leuchtdichte in cd/m ²								
		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°		8102.8	8127.1	8302.3	8631.4	8666.8	8421.7	8275.6		
50°		5527.2	5529.0	5647.6	5834.5	5922.4	5838.0	5744.9		
55°		3970.1	4027.8	4183.9	4269.6	4266.3	4316.7	4314.8		
60°		3109.3	3260.7	3320.7	3402.3	3385.1	3381.0	3365.3		
65°		2703.7	2775.9	2798.8	2858.7	2922.3	2870.8	2845.5		
70°		2482.2	2419.7	2580.1	2550.1	2570.8	2549.4	2520.4		
75°		2122.9	2270.1	2384.1	2339.3	2220.4	2272.3	2253.7		
80°		1960.2	2089.2	1989.6	1959.9	1943.0	2028.3	2001.2		
85°		1925.2	1923.2	1848.2	1826.7	1841.0	1890.5	1886.4		

Lichttechnischer Prüfbefund

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



Lichttechnischer Prüfbefund

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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	9630	67.2
95	241	252	9148	63.7
90	228	250	8666	60.2
85	216	248	8185	56.8
80	203	246	7703	53.4
75	190	243	7222	50.1
70	178	241	6740	46.8
65	165	238	6259	43.5
60	153	235	5777	40.2
55	140	232	5296	37.0
50	127	229	4815	33.8
45	115	225	4333	30.6
40	102	221	3852	27.5
35	90	216	3370	24.4
30	77	210	2889	21.4
25	65	204	2407	18.3
20	52	196	1926	15.3
15	40	186	1444	12.4
10	27	172	963	9.1
5	14	147	480	5.8