

Lichttechnischer Prüfbefund

Familie
Trunking Flex 31

Bestell-Nr.: 51RF12MA465G4
EAN: 4069025536730

LP-Nummer
59302_193



Ausführung primäre Lichtlenkung mit Linse, klar, PMMA, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen
Bemessungswerte Nettolichtstrom = 6550 lm
Systemleistung = 36.9 W
Lichtausbeute = 177.5 lm/W

Seriendokumentation
08.08.2025

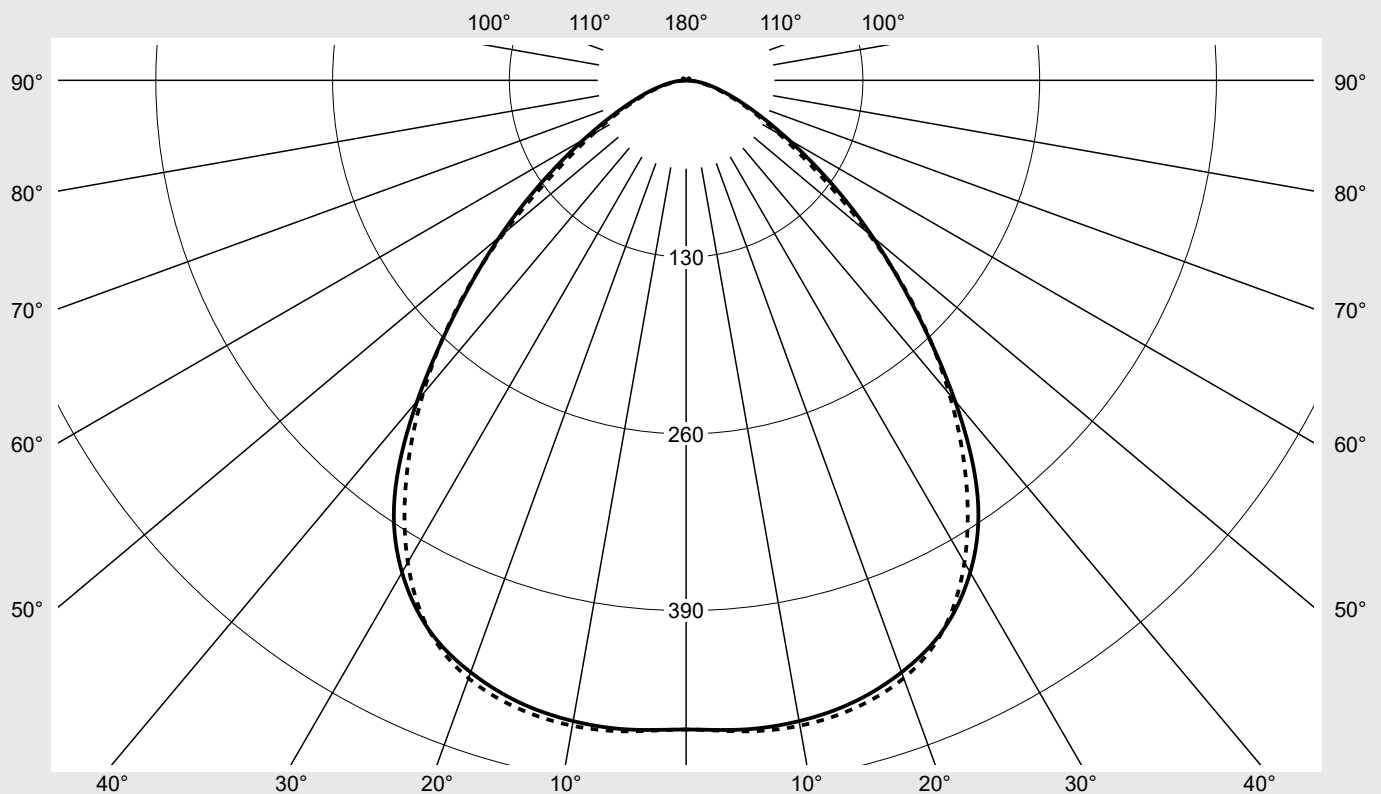
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 482 cd/klm



Klassifizierungen

DIN 5040 A 5 2
CIE N1=64 N2=91 N3=98
N4=99 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 99,1%
 ϕ_o 0,9%

Messbedingungen

DIN EN 13032 und DIN 5032

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	477.4	477.4	477.4	477.4	477.4	477.4	477.4	2.9	2.9
5°	479.2	479.4	476.1	476.9	477.7	479.1	480.6	22.8	25.7
10°	478.5	478.8	475.9	476.7	478.1	479.7	481.9	45.5	71.2
15°	473.7	474.6	472.3	472.8	474.3	476.3	478.1	67.3	138.5
20°	463.3	464.4	462.2	462.5	463.5	465.9	467.9	87.0	225.5
25°	446.5	446.1	441.7	442.3	444.6	445.0	446.7	102.9	328.5
30°	417.9	412.9	407.0	410.2	413.2	410.4	409.4	112.7	441.2
35°	373.8	365.6	358.8	365.1	368.4	362.5	359.0	114.6	555.7
40°	307.6	307.1	302.9	303.0	299.1	300.3	301.2	106.7	662.4
45°	238.0	232.2	241.2	229.3	232.4	226.8	239.9	90.5	752.9
50°	179.0	175.4	175.4	172.2	173.6	171.0	175.3	73.1	826.0
55°	127.6	127.0	119.9	124.4	123.4	123.3	117.8	55.4	881.5
60°	86.5	87.3	81.4	85.4	84.1	84.7	79.6	40.0	921.5
65°	57.4	58.2	54.6	57.2	56.0	56.8	53.2	28.0	949.5
70°	37.6	37.8	35.9	37.4	36.6	36.7	34.5	18.9	968.4
75°	23.7	23.8	22.9	23.5	22.9	22.8	21.3	12.2	980.6
80°	13.7	13.5	13.1	13.2	12.8	12.3	11.3	7.0	987.6
85°	6.4	6.2	5.9	5.7	5.2	4.6	4.0	3.0	990.6
90°	2.2	2.1	2.0	1.7	1.4	1.0	0.6	0.9	991.5
95°	1.8	1.7	1.7	1.5	1.2	0.8	0.5	0.7	992.2
100°	2.3	2.3	2.1	1.7	1.3	0.8	0.5	0.9	993.0
105°	2.1	2.1	2.0	1.7	1.3	0.7	0.5	0.8	993.9
110°	2.3	2.3	2.0	1.7	1.2	0.6	0.4	0.8	994.6
115°	2.2	2.1	1.9	1.7	1.1	0.7	0.5	0.7	995.4
120°	2.3	2.0	1.7	1.5	1.1	0.7	0.7	0.7	996.0
125°	2.7	2.1	1.8	1.4	1.0	0.7	0.7	0.7	996.7
130°	2.0	1.9	2.0	1.4	1.1	0.9	0.9	0.6	997.3
135°	2.0	1.9	1.8	1.5	1.2	1.2	1.2	0.6	997.9
140°	2.0	2.0	1.8	1.6	1.4	1.4	1.4	0.6	998.5
145°	2.1	2.0	1.9	1.7	1.6	1.6	1.6	0.6	999.1
150°	2.1	2.1	1.9	1.8	1.8	1.8	1.8	0.5	999.6
155°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	0.4	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	22,1	23,6	22,4	23,9	24,2	22,1	23,6	22,5	24,0	24,3
	3H	22,6	23,9	22,9	24,2	24,6	22,6	24,0	23,0	24,3	24,7
	4H	22,7	23,9	23,1	24,3	24,7	22,8	24,0	23,2	24,4	24,8
	6H	22,8	23,9	23,2	24,3	24,7	22,9	24,0	23,3	24,4	24,8
	8H	22,9	23,9	23,3	24,3	24,7	23,0	24,0	23,4	24,4	24,8
	12H	22,9	23,9	23,3	24,2	24,7	22,9	23,9	23,4	24,3	24,7
4H	2H	22,3	23,6	22,7	23,9	24,3	22,4	23,6	22,8	24,0	24,4
	3H	22,9	24,0	23,4	24,4	24,8	23,0	24,1	23,4	24,4	24,9
	4H	23,1	24,1	23,6	24,5	24,9	23,2	24,2	23,7	24,6	25,0
	6H	23,3	24,1	23,8	24,5	25,0	23,4	24,2	23,9	24,6	25,1
	8H	23,3	24,1	23,8	24,5	25,0	23,4	24,2	23,9	24,6	25,1
	12H	23,4	24,0	23,9	24,5	25,0	23,5	24,1	24,0	24,6	25,0
8H	4H	23,2	23,9	23,7	24,4	24,9	23,3	24,0	23,8	24,5	24,9
	6H	23,4	24,0	23,9	24,5	25,0	23,5	24,1	24,0	24,6	25,1
	8H	23,5	24,0	24,0	24,5	25,0	23,6	24,1	24,1	24,6	25,1
	12H	23,5	24,0	24,1	24,5	25,0	23,6	24,0	24,1	24,5	25,1
12H	4H	23,2	23,8	23,7	24,3	24,8	23,3	23,9	23,8	24,4	24,9
	6H	23,4	23,9	23,9	24,4	24,9	23,5	24,0	24,0	24,5	25,0
	8H	23,5	23,9	24,0	24,4	25,0	23,6	24,0	24,1	24,5	25,1

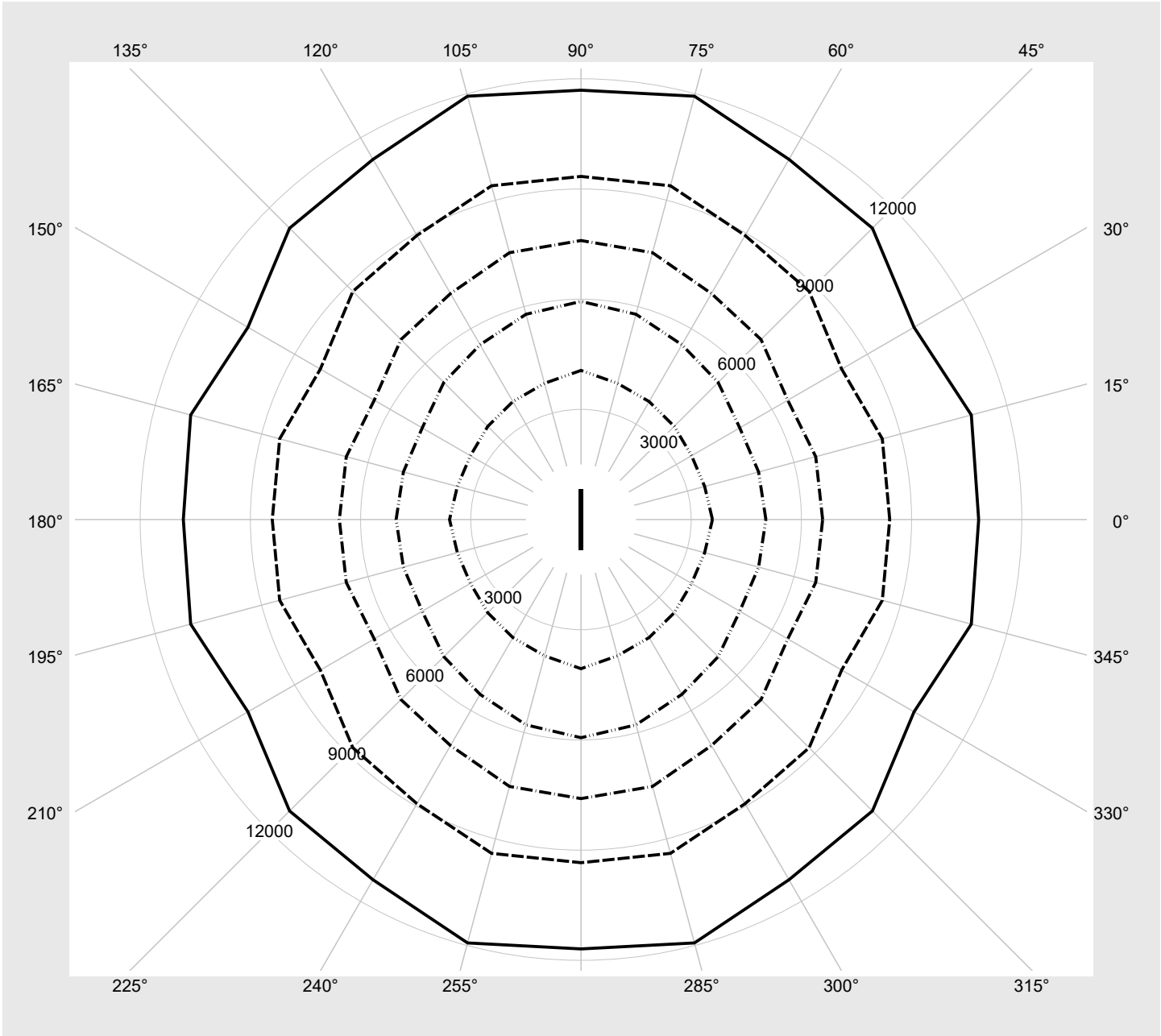
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1146, B = 61	H(C0) = 5, H(C90) = 5	H(C180) = 5, H(C270) = 5
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C-Ebenen	γ	Leuchtdichte in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		29143.9	28486.5	29779.8	28638.1	29475.1	29305.7	31652.3	
50°		23775.0	23335.3	23520.4	23401.7	24023.2	24199.6	25415.3	
55°		18663.7	18613.2	17731.8	18690.9	18948.6	19435.3	19122.7	
60°		14200.0	14367.4	13543.9	14474.6	14627.5	15203.8	14809.2	
65°		10826.1	11000.9	10469.5	11219.7	11324.1	11933.1	11689.4	
70°		8404.8	8492.4	8194.2	8784.8	8932.7	9408.2	9342.1	
75°		6578.6	6615.6	6499.5	6931.8	7104.8	7522.1	7596.7	
80°		5033.5	5005.7	4991.0	5280.8	5495.4	5786.2	5939.0	
85°		3578.9	3484.9	3476.4	3589.1	3709.6	3839.9	4060.1	

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



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Multilumen-Tabelle

Umgebungstemperatur: 25°C



DIP-Stufe	Schalterstellung				Lichtstrom [lm]	Systemleistung [W]
	1	2	3	4		
11	ON	OFF	ON	ON	6550	36.9
9	ON	OFF	OFF	ON	5690	32.5
7	OFF	ON	ON	ON	4960	28.4
5	OFF	ON	OFF	ON	4230	24.3
3	OFF	OFF	ON	ON	3470	20.0
1	OFF	OFF	OFF	ON	2720	16.0