

Lichttechnischer Prüfbefund

Familie
Trunking Flex 31

Bestell-Nr.: 51RF11MB49XG5
EAN: 4069025536624

LP-Nummer
59298_110



Ausführung primäre Lichtlenkung mit Linse, klar, PMMA, eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen
Bemessungswerte Nettolichtstrom = 9030 lm
Systemleistung = 50.7 W
Lichtausbeute = 178.1 lm/W

Seriendokumentation
08.08.2025

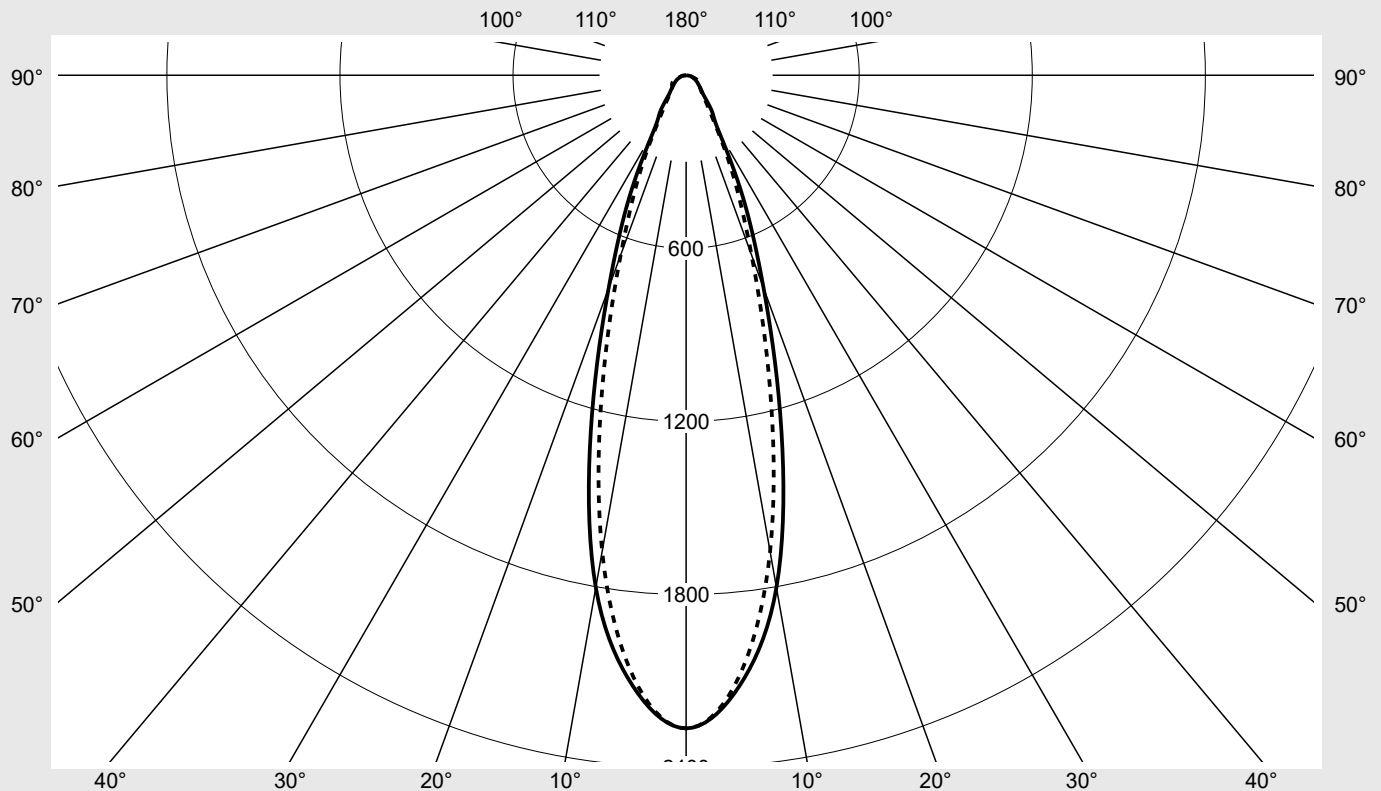
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 2264 cd/klm



Klassifizierungen

DIN 5040 A 7 1
CIE N1=83 N2=93 N3=98
N4=100 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 99,6%
 ϕ_o 0,4%

Messbedingungen

DIN EN 13032 und DIN 5032

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke
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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°			
γ									
Lichtstärke in cd/klm									
Lichtstrom in lm/klm									
0°	2264.0	2264.0	2264.0	2264.0	2264.0	2264.0	2264.0	13.5	13.5
5°	2124.6	2117.3	2110.0	2106.4	2102.8	2098.6	2094.4	100.7	114.2
10°	1803.1	1798.4	1793.7	1758.4	1723.0	1699.6	1676.2	166.8	281.0
15°	1276.6	1263.1	1249.6	1218.9	1188.2	1155.9	1123.7	172.0	453.0
20°	785.2	773.2	761.2	738.3	715.4	689.4	663.4	137.5	590.6
25°	464.9	459.0	453.1	430.5	408.0	399.6	391.2	99.5	690.1
30°	231.5	245.6	259.7	243.1	226.4	219.0	211.5	64.6	754.8
35°	159.7	155.6	151.5	146.8	142.0	136.2	130.5	46.0	800.7
40°	102.9	101.3	99.7	98.2	96.6	94.1	91.5	34.5	835.2
45°	75.8	74.7	73.5	74.4	75.2	73.4	71.7	28.7	863.9
50°	60.6	60.0	59.4	61.7	64.1	63.5	63.0	25.9	889.9
55°	50.2	50.1	50.0	53.9	57.9	58.8	59.6	24.4	914.2
60°	41.8	41.5	41.2	46.6	51.9	53.9	55.8	22.5	936.7
65°	33.8	33.4	32.9	37.5	42.1	45.1	48.0	19.2	955.9
70°	26.2	26.2	26.2	27.6	29.0	31.8	34.7	14.7	970.6
75°	20.4	20.2	20.1	21.5	22.8	21.7	20.6	11.2	981.8
80°	14.1	14.0	14.0	15.4	16.8	16.1	15.5	8.2	990.0
85°	7.7	7.7	7.8	9.4	11.0	10.5	10.0	5.0	995.0
90°	1.9	1.9	1.9	3.7	5.5	4.9	4.4	1.9	996.9
95°	0.0	0.0	0.0	1.4	2.7	3.0	3.2	0.8	997.7
100°	0.0	0.0	0.0	1.0	2.1	2.5	2.9	0.6	998.3
105°	0.0	0.0	0.0	1.0	1.9	2.2	2.5	0.6	998.9
110°	0.0	0.0	0.0	0.8	1.6	1.9	2.2	0.5	999.4
115°	0.0	0.0	0.0	0.7	1.3	1.5	1.8	0.4	999.7
120°	0.0	0.0	0.0	0.5	1.1	1.2	1.4	0.3	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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	16,4	17,6	16,8	18,0	18,3	17,6	18,8	17,9	19,1	19,4
	3H	17,6	18,7	18,0	19,1	19,4	19,2	20,3	19,6	20,6	21,0
	4H	18,2	19,2	18,6	19,6	19,9	19,7	20,7	20,1	21,1	21,5
	6H	18,8	19,6	19,2	20,0	20,4	20,3	21,1	20,7	21,5	21,9
	8H	19,0	19,8	19,4	20,2	20,6	20,6	21,3	21,0	21,7	22,1
	12H	19,1	19,8	19,6	20,2	20,7	20,8	21,5	21,3	21,9	22,3
4H	2H	17,1	18,1	17,5	18,5	18,8	18,0	19,0	18,4	19,4	19,8
	3H	18,5	19,3	18,9	19,7	20,1	19,8	20,6	20,2	21,0	21,4
	4H	19,1	19,9	19,6	20,3	20,7	20,5	21,2	20,9	21,6	22,1
	6H	19,8	20,4	20,2	20,8	21,3	21,1	21,8	21,6	22,2	22,7
	8H	20,0	20,6	20,5	21,0	21,5	21,5	22,0	21,9	22,5	23,0
	12H	20,2	20,7	20,7	21,2	21,7	21,8	22,3	22,3	22,7	23,2
8H	4H	19,5	20,1	20,0	20,5	21,0	20,7	21,2	21,2	21,7	22,2
	6H	20,3	20,7	20,7	21,2	21,7	21,5	22,0	22,0	22,4	23,0
	8H	20,6	21,0	21,1	21,5	22,0	21,9	22,4	22,5	22,8	23,4
	12H	20,8	21,2	21,4	21,7	22,2	22,4	22,8	23,0	23,3	23,8
12H	4H	19,6	20,1	20,1	20,5	21,0	20,7	21,2	21,2	21,6	22,1
	6H	20,4	20,8	20,9	21,3	21,8	21,6	22,0	22,1	22,4	23,0
	8H	20,7	21,1	21,3	21,6	22,1	22,1	22,4	22,6	22,9	23,5

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1433, 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°		10234.5	10099.7	10015.1	10247.4	10526.6	10472.4	10433.4	
50°		8867.2	8799.2	8783.1	9255.0	9785.3	9919.3	10079.5	
55°		8085.6	8089.2	8150.0	8938.2	9806.3	10222.8	10687.9	
60°		7567.2	7528.5	7552.5	8706.3	9970.9	10679.2	11467.7	
65°		7036.3	6963.0	6959.0	8117.8	9407.3	10464.3	11649.9	
70°		6450.7	6486.1	6603.0	7147.5	7802.4	9003.3	10377.9	
75°		6229.5	6220.3	6310.5	6990.8	7826.1	7936.5	8112.9	
80°		5712.8	5733.6	5880.8	6806.3	7980.1	8419.9	9037.3	
85°		4684.4	4788.6	5061.9	6600.5	8681.0	9727.3	11416.3	

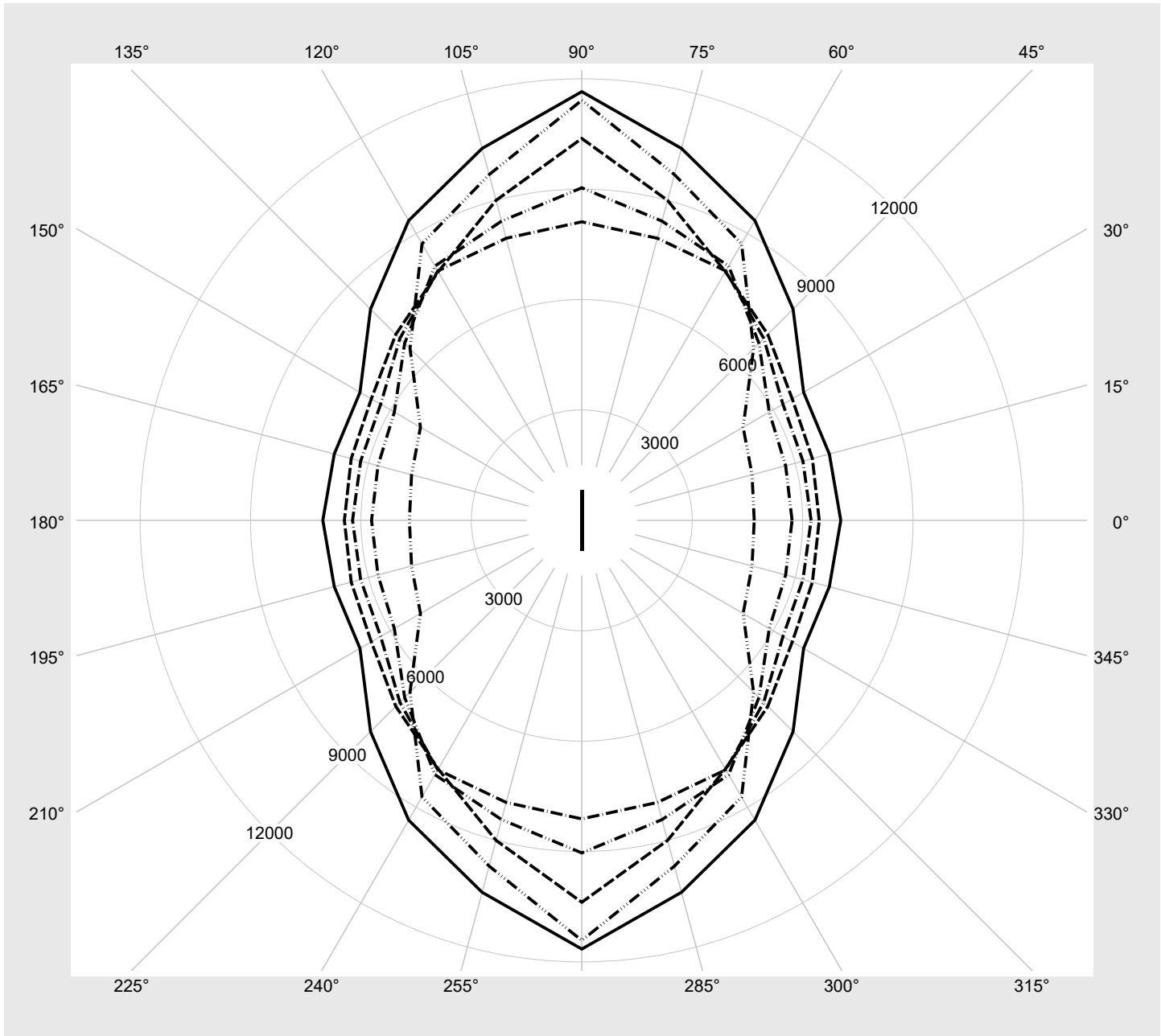
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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Multilumen-Tabelle

Umgebungstemperatur: 25°C



DIP-Stufe	Schalterstellung				Lichtstrom [lm]	Systemleistung [W]
	1	2	3	4		
13	ON	ON	OFF	ON	9030	50.7
10	ON	OFF	ON	OFF	7520	42.7
8	ON	OFF	OFF	OFF	6630	37.5
6	OFF	ON	ON	OFF	5700	32.2
4	OFF	ON	OFF	OFF	4780	27.0
2	OFF	OFF	ON	OFF	3850	22.0