

## Lichttechnischer Prüfbefund

**Familie**  
Trunking Flex 31

**Bestell-Nr.:** 51RF11MB4BXG5  
**EAN:** 4069025536662

**LP-Nummer**  
59298\_108



**Ausführung** primäre Lichtlenkung mit Linse, klar, PMMA, eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-Multilumen  
**Bemessungswerte** Nettolichtstrom = 11460 lm  
Systemleistung = 65.3 W  
Lichtausbeute = 175.5 lm/W

**Seriendokumentation**  
08.08.2025

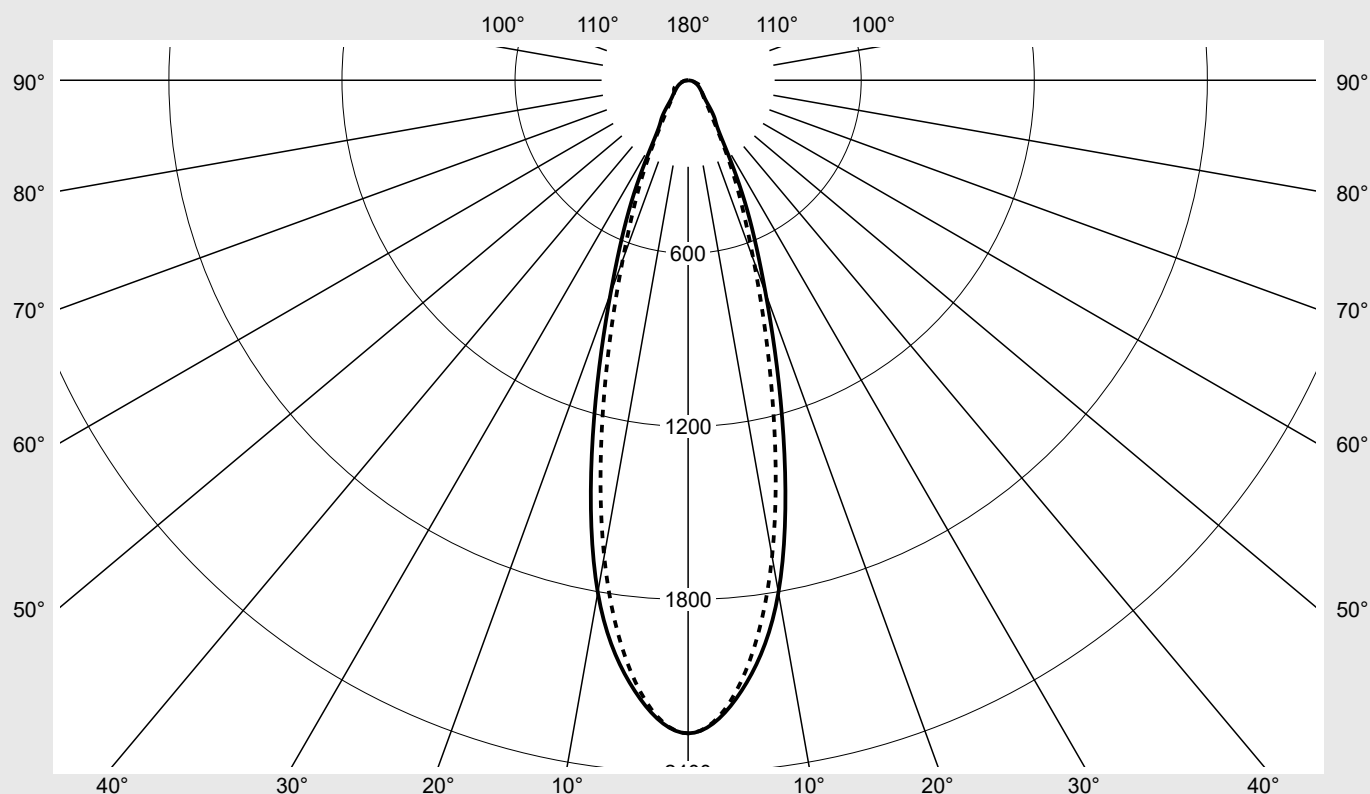
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Lichtstärke in cd/klm

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

$\eta_{LB}$  100,0%  
 $\phi_u$  99,6%  
 $\phi_o$  0,4%

#### 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°	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									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	17,3	18,5	17,6	18,8	19,1	18,4	19,6	18,8	19,9	20,2
	3H	18,5	19,5	18,8	19,9	20,2	20,0	21,1	20,4	21,5	21,8
	4H	19,1	20,0	19,5	20,4	20,8	20,6	21,6	21,0	21,9	22,3
	6H	19,6	20,5	20,0	20,8	21,2	21,1	22,0	21,5	22,3	22,7
	8H	19,8	20,6	20,3	21,0	21,4	21,4	22,2	21,8	22,5	23,0
	12H	20,0	20,7	20,4	21,1	21,5	21,7	22,3	22,1	22,7	23,2
4H	2H	17,9	18,9	18,3	19,3	19,7	18,9	19,9	19,3	20,2	20,6
	3H	19,3	20,1	19,7	20,5	20,9	20,6	21,5	21,1	21,8	22,3
	4H	20,0	20,7	20,4	21,1	21,6	21,3	22,0	21,7	22,4	22,9
	6H	20,6	21,2	21,1	21,7	22,1	22,0	22,6	22,4	23,0	23,5
	8H	20,9	21,4	21,3	21,9	22,3	22,3	22,8	22,8	23,3	23,8
	12H	21,1	21,5	21,6	22,0	22,5	22,7	23,1	23,1	23,6	24,1
8H	4H	20,3	20,9	20,8	21,3	21,8	21,5	22,1	22,0	22,5	23,0
	6H	21,1	21,5	21,6	22,0	22,5	22,3	22,8	22,8	23,3	23,8
	8H	21,4	21,8	21,9	22,3	22,8	22,8	23,2	23,3	23,7	24,2
	12H	21,7	22,0	22,2	22,5	23,0	23,3	23,6	23,8	24,1	24,6
12H	4H	20,4	20,9	20,9	21,4	21,9	21,6	22,0	22,0	22,5	23,0
	6H	21,2	21,6	21,7	22,1	22,6	22,4	22,8	22,9	23,3	23,8
	8H	21,6	21,9	22,1	22,4	22,9	22,9	23,2	23,4	23,7	24,3

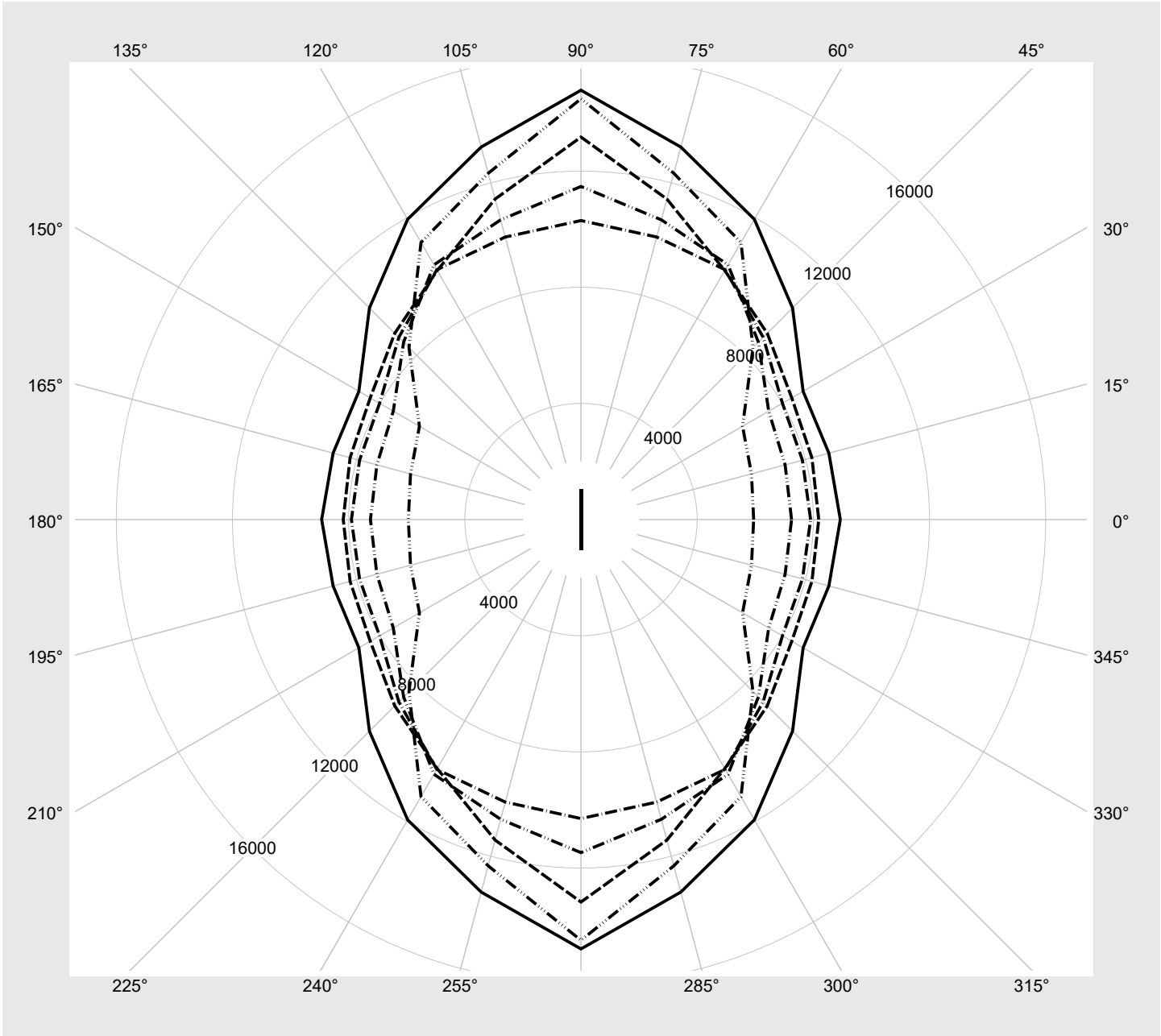
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1433, B = 61	H(C0) = 5, H(C90) = 5	H(C180) = 5, H(C270) = 5
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C-Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		12988.6	12817.5	12710.2	13005.0	13359.3	13290.6	13241.1	
50°		11253.4	11167.1	11146.7	11745.5	12418.6	12588.6	12791.9	
55°		10261.5	10266.1	10343.1	11343.5	12445.2	12973.8	13564.0	
60°		9603.5	9554.4	9584.9	11049.1	12654.1	13553.0	14553.8	
65°		8929.8	8836.8	8831.6	10302.3	11938.9	13280.2	14784.9	
70°		8186.6	8231.5	8379.9	9070.9	9902.1	11426.1	13170.6	
75°		7905.8	7894.2	8008.6	8872.1	9932.1	10072.3	10296.1	
80°		7250.1	7276.5	7463.4	8637.9	10127.6	10685.7	11469.3	
85°		5945.0	6077.3	6424.1	8376.7	11017.1	12344.9	14488.5	

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**Leuchtdichten in cd/m<sup>2</sup>**      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		
14	ON	ON	ON	OFF	11460	65.3
11	ON	OFF	ON	ON	10270	57.9
8	ON	OFF	OFF	OFF	9060	50.4
6	OFF	ON	ON	OFF	8250	45.6
4	OFF	ON	OFF	OFF	7420	40.9
2	OFF	OFF	ON	OFF	6580	36.2