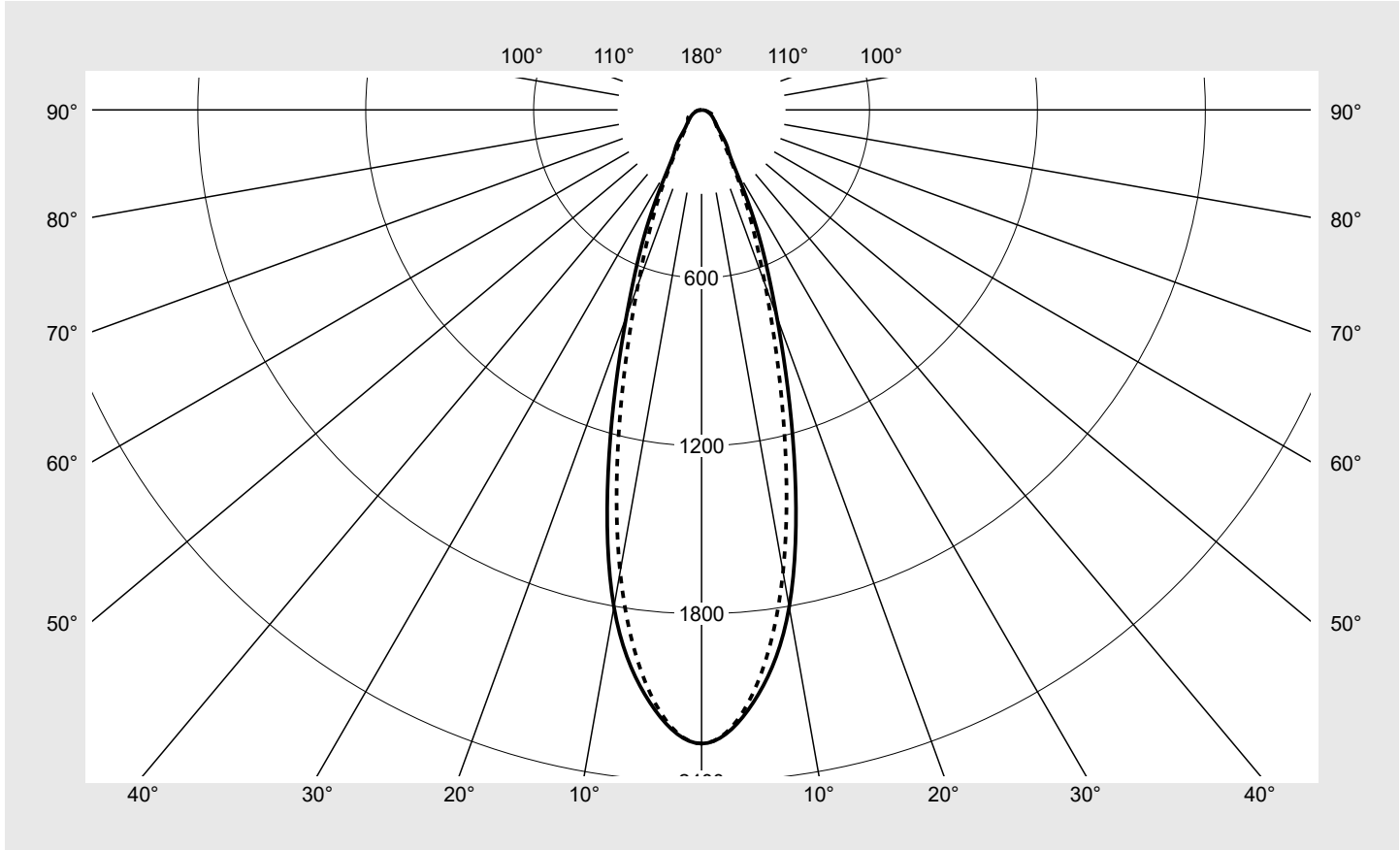


Photometric test report

Family Trunking Flex 31	Order number: 51RF11MB4BXG5 EAN: 4069025536662	LP number 59298_108
	Version primary light control with lens, transparent, PMMA, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 11460 lm Power consumption = 65.3 W Luminous efficacy = 175.5 lm/W	serial documentation 08.08.2025 

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 2264 cd/klm**



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

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	99.6%
ϕ_o	0.4%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Trunking Flex 31	Order number: 51RF11MB4BXG5 EAN: 4069025536662	LP number 59298_108
Table of values for luminous intensities		Maximum luminous intensity



C-planes γ	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux 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

Photometric test report

Family Trunking Flex 31	Order number: 51RF11MB4BXG5 EAN: 4069025536662	LP number 59298_108
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UGR-Table	Standard room	siteco
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (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

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1433	H(C0) = 5	H(C180) = 5
			B = 61	H(C90) = 5	H(C270) = 5

C-planes	γ	Luminance 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°		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	

Photometric test report

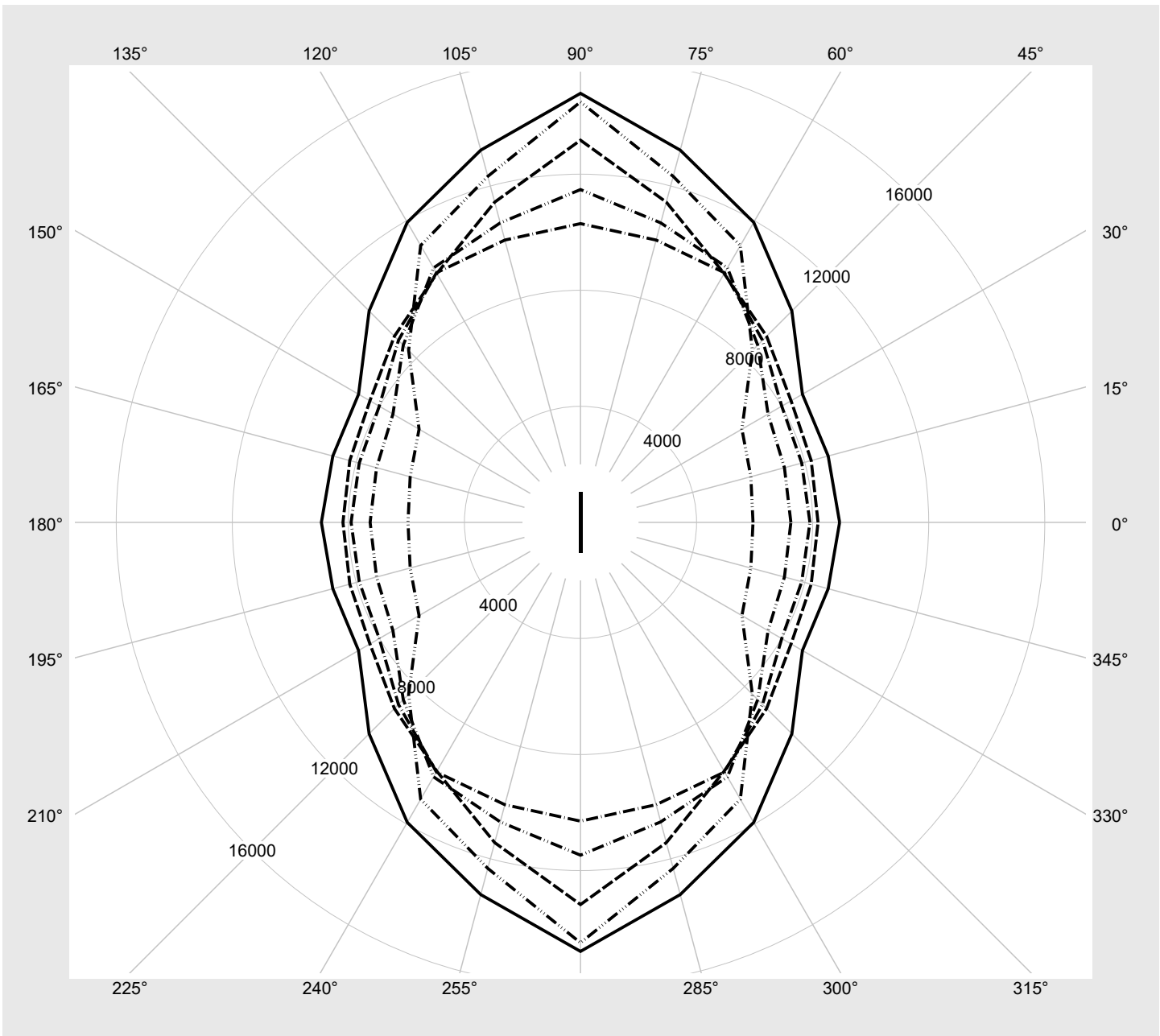
Family
Trunking Flex 31

Order number: 51RF11MB4BXG5
EAN: 4069025536662

LP number
59298_108

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Trunking Flex 31	Order number: 51RF11MB4BXG5 EAN: 4069025536662	LP number 59298_108
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Multilumen Table	environmental temperature: 25°C	siteco
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DIP-Step	Switch Setting				Luminous flux [lm]	Power consumption [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