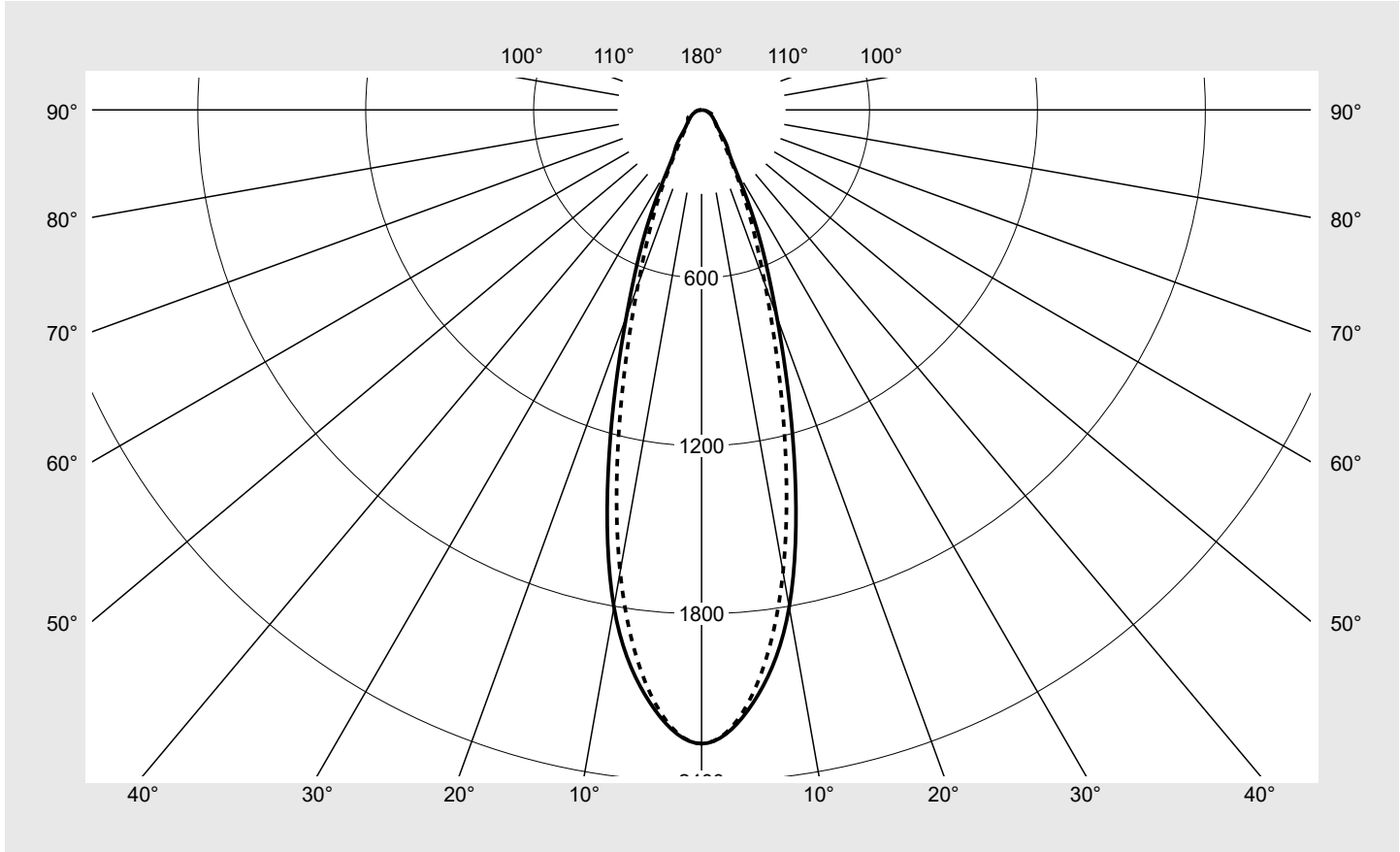


Lichttechnischer Prüfbefund

Familie Trunking Flex 31	Bestell-Nr.: 51RF11DB49XG5D EAN: 4069025776440	LP-Nummer 59298_172
Ausführung	primäre Lichtlenkung mit Linse, klar, PMMA, eng strahlend	Seriendokumentation 15.10.2025
Bestückung	LED 4000 K CRI ≥ 80	
Betriebsgerät	EVG-DALI	
Einstellung	AC-Betrieb	
Bemessungswerte	Nettolichtstrom = 9000 lm Systemleistung = 49.7 W Lichtausbeute = 181.1 lm/W	



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

Lichttechnischer Prüfbefund

Familie Trunking Flex 31	Bestell-Nr.: 51RF11DB49XG5D EAN: 4069025776440	LP-Nummer 59298_172
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°	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

Lichttechnischer Prüfbefund

Familie Trunking Flex 31	Bestell-Nr.: 51RF11DB49XG5D EAN: 4069025776440	LP-Nummer 59298_172
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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	16,4	17,6	16,8	17,9	18,3	17,6	18,8	17,9	19,1	19,4
	3H	17,6	18,7	18,0	19,0	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	18,7	19,6	19,2	20,0	20,4	20,2	21,1	20,7	21,5	21,9
	8H	19,0	19,8	19,4	20,1	20,5	20,6	21,3	21,0	21,7	22,1
	12H	19,1	19,8	19,6	20,2	20,6	20,8	21,5	21,3	21,9	22,3
4H	2H	17,1	18,1	17,5	18,4	18,8	18,0	19,0	18,4	19,4	19,7
	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	20,4	21,2	20,9	21,6	22,0
	6H	19,8	20,4	20,2	20,8	21,3	21,1	21,7	21,6	22,2	22,6
	8H	20,0	20,6	20,5	21,0	21,5	21,4	22,0	21,9	22,5	22,9
	12H	20,2	20,7	20,7	21,1	21,6	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	20,2	20,7	20,7	21,2	21,7	21,5	22,0	22,0	22,4	22,9
	8H	20,5	21,0	21,1	21,4	22,0	21,9	22,3	22,4	22,8	23,4
	12H	20,8	21,2	21,4	21,7	22,2	22,4	22,7	22,9	23,2	23,8
12H	4H	19,6	20,0	20,1	20,5	21,0	20,7	21,2	21,2	21,6	22,1
	6H	20,4	20,8	20,9	21,2	21,8	21,6	21,9	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	23,4

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°		10200.5	10066.1	9981.8	10213.4	10491.6	10437.6	10398.8	
50°		8837.8	8770.0	8754.0	9224.2	9752.8	9886.4	10046.0	
55°		8058.8	8062.3	8122.9	8908.5	9773.7	10188.9	10652.4	
60°		7542.0	7503.5	7527.4	8677.3	9937.8	10643.7	11429.7	
65°		7012.9	6939.9	6935.8	8090.8	9376.1	10429.5	11611.2	
70°		6429.3	6464.5	6581.1	7123.7	7776.5	8973.4	10343.4	
75°		6208.8	6199.6	6289.5	6967.6	7800.1	7910.2	8085.9	
80°		5693.8	5714.6	5861.3	6783.7	7953.6	8391.9	9007.3	
85°		4668.9	4772.7	5045.1	6578.5	8652.2	9694.9	11378.4	

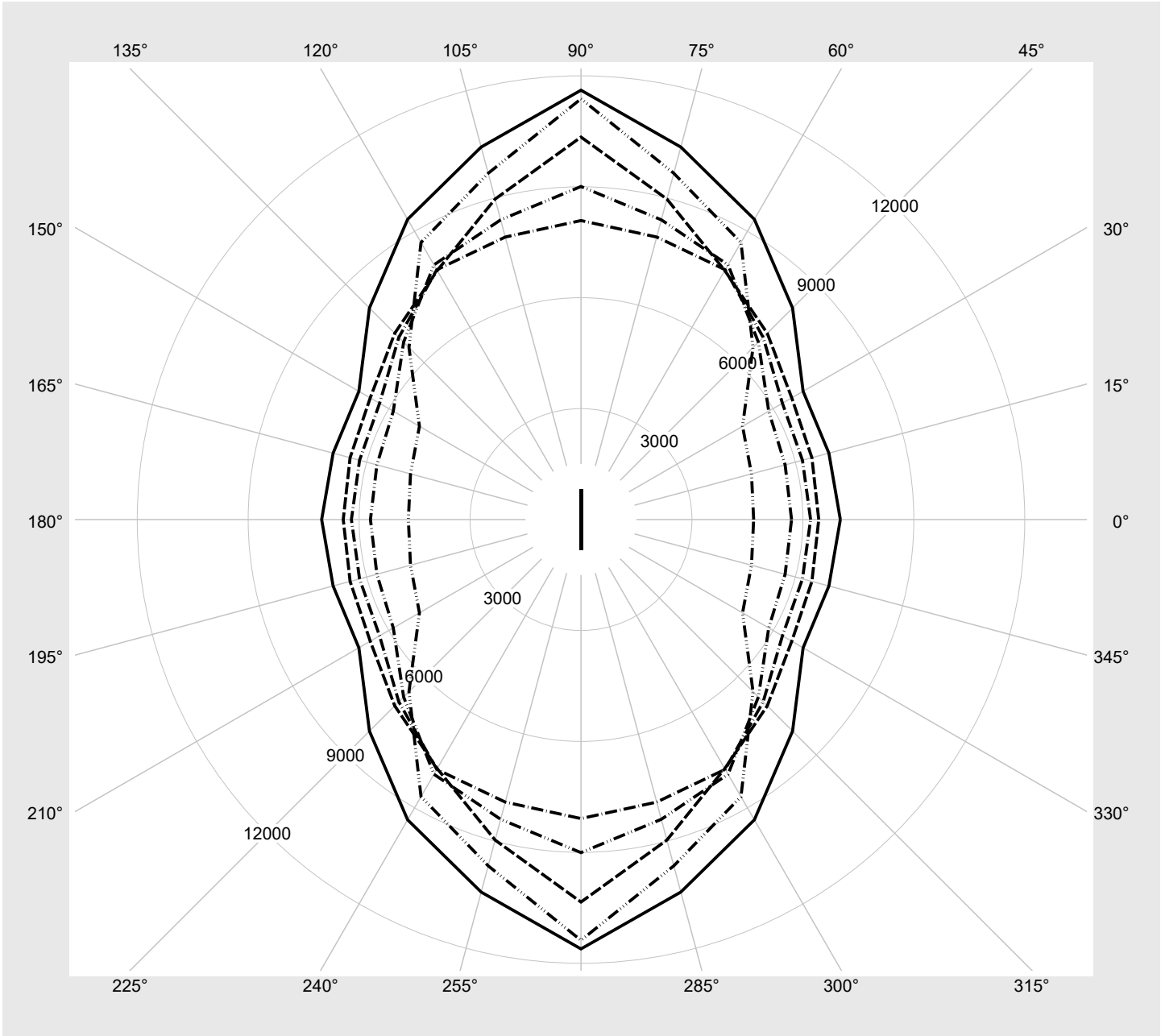
Lichttechnischer Prüfbefund

Familie Trunking Flex 31	Bestell-Nr.: 51RF11DB49XG5D EAN: 4069025776440	LP-Nummer 59298_172
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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Lichttechnischer Prüfbefund

Familie Trunking Flex 31	Bestell-Nr.: 51RF11DB49XG5D EAN: 4069025776440	LP-Nummer 59298_172
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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	9000	49.7
95	241	252	8566	47.2
90	227	250	8091	44.6
85	214	248	7650	42.1
80	201	245	7205	39.6
75	188	243	6757	37.1
70	175	240	6305	34.6
65	162	238	5853	32.3
60	149	234	5395	29.9
55	136	231	4935	27.6
50	124	228	4511	25.4
45	111	224	4045	23.0
40	99	219	3613	20.6
35	86	214	3146	18.1
30	74	209	2709	15.8
25	61	202	2235	13.2
20	49	194	1798	10.9
15	37	183	1356	8.5
10	25	169	911	6.3
5	13	145	468	4.1
3	7	122	244	3.0