

Lichttechnischer Prüfbefund

Familie
Trunking Flex 31

Bestell-Nr.: 51RF11DB4B5G5
EAN: 4069025515995

LP-Nummer
59298_33



Ausführung primäre Lichtlenkung mit Linse, klar, PMMA, eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 11500 lm
 Systemleistung = 64.5 W
 Lichtausbeute = 178.3 lm/W

Seriendokumentation
12.06.2025

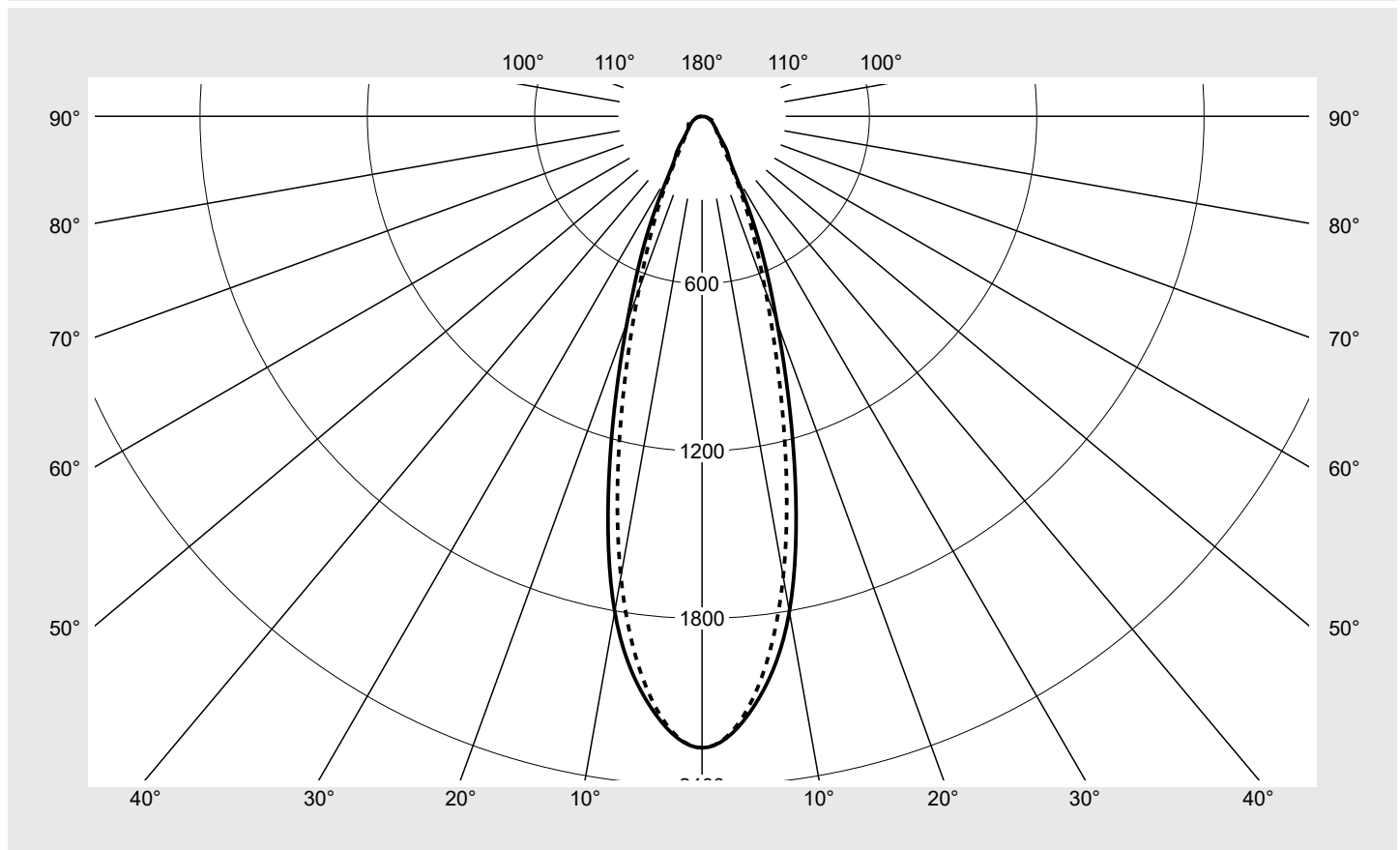
sITeco

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
		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

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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	20,3
	3H	18,5	19,6	18,9	19,9	20,3	20,0	21,1	20,4	21,5	21,8
	4H	19,1	20,1	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	19,9	20,6	20,3	21,0	21,4	21,4	22,2	21,9	22,6	23,0
	12H	20,0	20,7	20,4	21,1	21,5	21,7	22,4	22,1	22,8	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	21,9	22,3
	4H	20,0	20,7	20,4	21,1	21,6	21,3	22,0	21,7	22,5	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	22,4	22,3	22,9	22,8	23,3	23,8
	12H	21,1	21,5	21,6	22,0	22,5	22,7	23,1	23,2	23,6	24,1
8H	4H	20,4	20,9	20,8	21,4	21,8	21,5	22,1	22,0	22,5	23,0
	6H	21,1	21,6	21,6	22,0	22,5	22,4	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	23,1	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	22,1	22,5	23,0
	6H	21,2	21,6	21,8	22,1	22,6	22,4	22,8	22,9	23,3	23,8
	8H	21,6	21,9	22,1	22,4	23,0	22,9	23,2	23,4	23,7	24,3

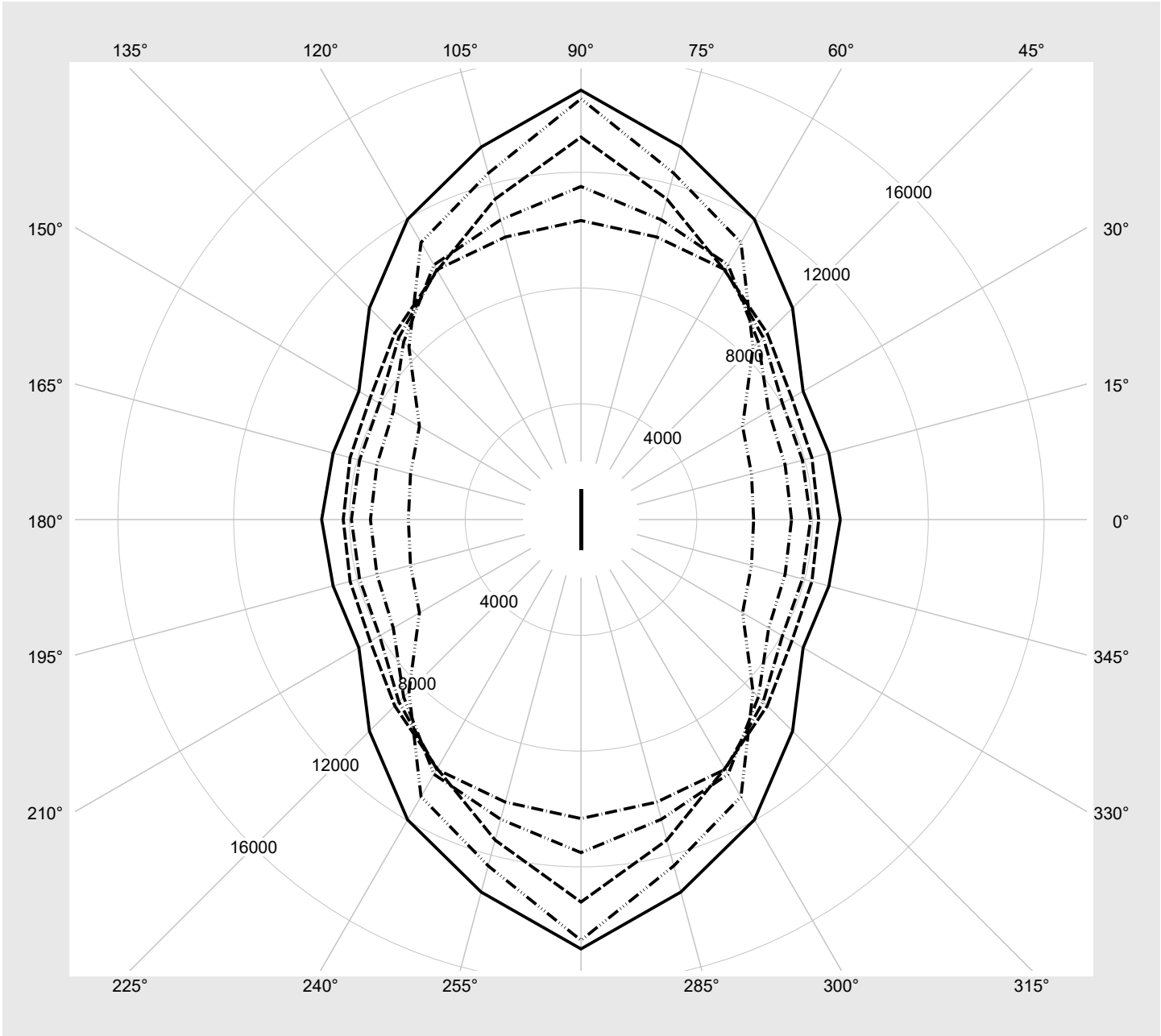
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1433, B = 61	H(C0) = 5, H(C90) = 5	H(C180) = 5, H(C270) = 5
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C-Ebenen	γ	Leuchtdichte in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		13033.9	12862.2	12754.5	13050.4	13405.9	13337.0	13287.3	
50°		11292.7	11206.1	11185.6	11786.5	12461.9	12632.6	12836.5	
55°		10297.3	10301.9	10379.2	11383.1	12488.6	13019.1	13611.4	
60°		9637.0	9587.8	9618.3	11087.7	12698.3	13600.3	14604.6	
65°		8961.0	8867.6	8862.5	10338.3	11980.6	13326.6	14836.5	
70°		8215.2	8260.2	8409.1	9102.5	9936.7	11466.0	13216.6	
75°		7933.4	7921.7	8036.6	8903.0	9966.8	10107.4	10332.0	
80°		7275.4	7301.9	7489.4	8668.0	10162.9	10723.0	11509.3	
85°		5965.8	6098.5	6446.5	8405.9	11055.5	12388.0	14539.1	

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



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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	11500	64.5
95	240	252	10913	61.0
90	227	250	10358	57.7
85	213	248	9759	54.1
80	200	245	9198	50.9
75	187	243	8632	47.7
70	174	240	8062	44.4
65	161	237	7486	41.2
60	148	234	6907	38.0
55	135	231	6320	34.8
50	122	227	5731	31.7
45	110	223	5181	28.8
40	97	219	4584	25.6
35	85	214	4026	22.8
30	73	208	3464	19.9
25	60	201	2854	16.8
20	48	193	2285	13.8
15	36	182	1716	11.0
10	24	168	1140	8.2
5	12	142	564	5.3
2	5	110	226	3.8