

Lichttechnischer Prüfbefund

Familie
Trunking Flex 31

Bestell-Nr.: 51RE11DB4CB
EAN: 4058352909386

LP-Nummer
59298_7



Ausführung primäre Lichtlenkung mit Linse, klar, PMMA, eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 11500 lm
Systemleistung = 66.0 W
Lichtausbeute = 174.2 lm/W

Seriendokumentation
27.03.2024

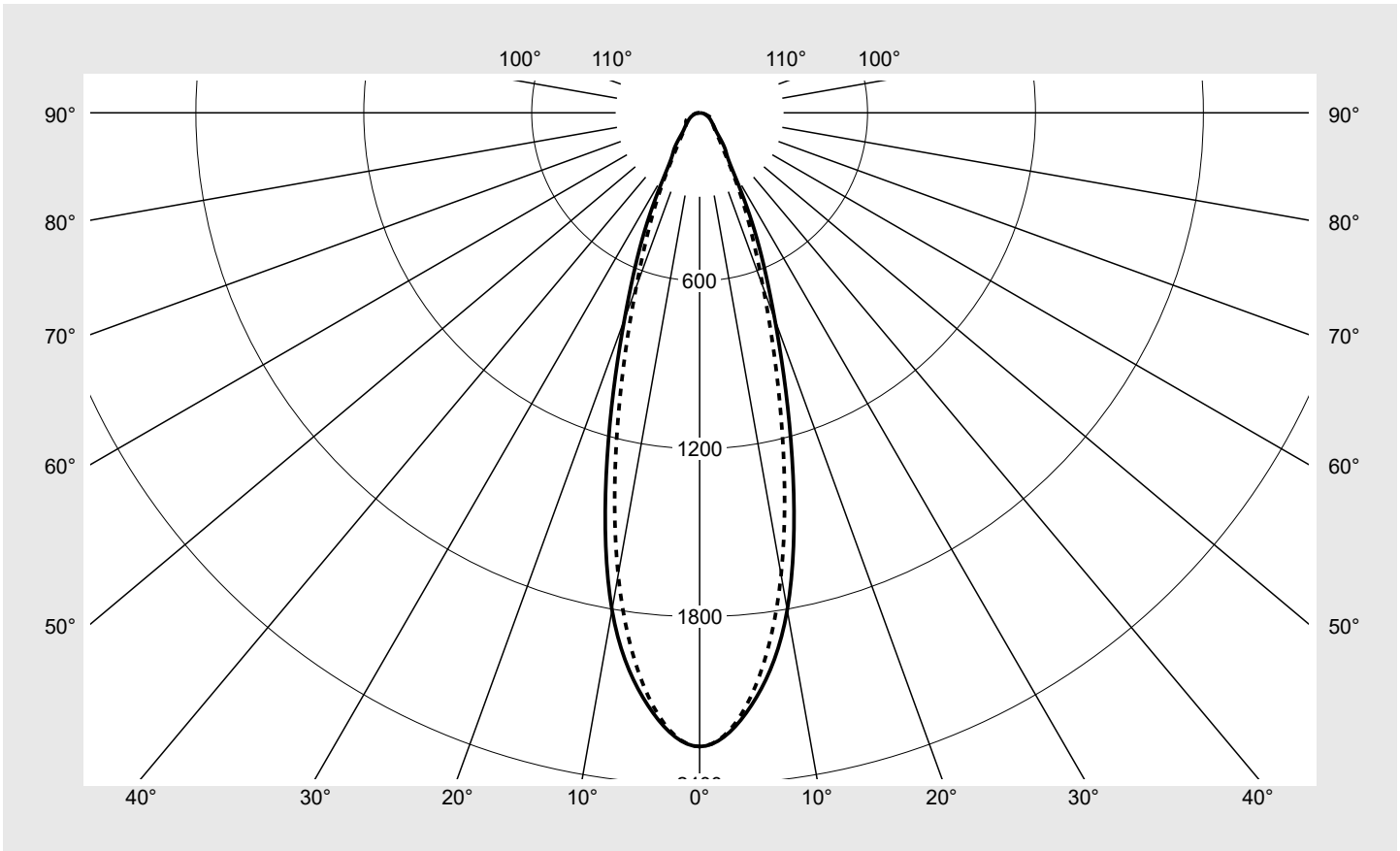
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Lichtstärke in cd/klm

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
		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°			
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	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°
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