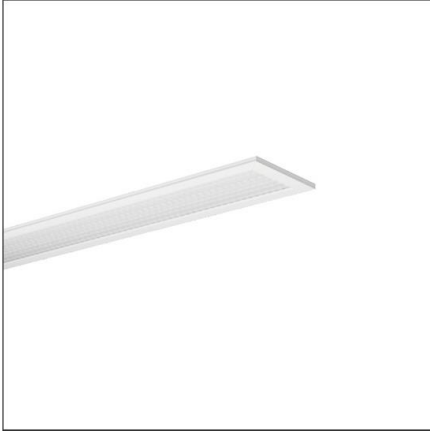


Lichttechnischer Prüfbefund

Familie
Apollon® 21



Bestell-Nr.: 51MQ16WD2414
EAN: 4058352959879

LP-Nummer
59553_3

Ausführung Einbauleuchte für Einlegemontage, Langfeld, breit strahlend, UGR≤19 (L65≤3000cd/m²)

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 3400 lm
Systemleistung = 23.2 W
Lichtausbeute = 146.6 lm/W

Seriendokumentation
05.02.2024

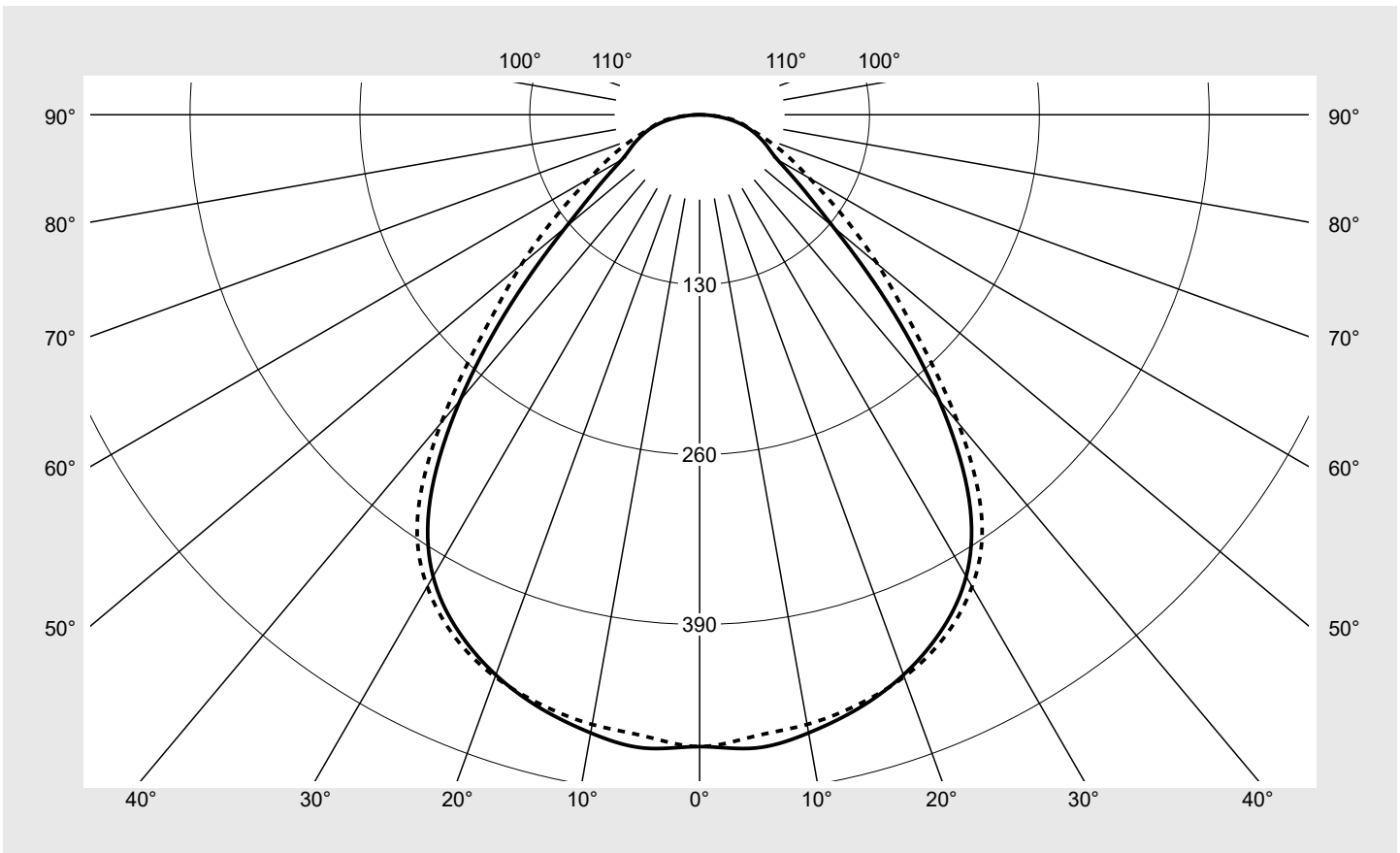
sITeco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 486 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=64 N2=88 N3=97
N4=100 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Apollon® 21	Bestell-Nr.: 51MQ16WD2414 EAN: 4058352959879	LP-Nummer 59553_3
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°	483.5	483.5	483.5	483.5	483.5	483.5	483.5	2.9	2.9
5°	486.4	485.4	484.1	481.8	479.4	478.1	477.4	23.0	25.9
10°	480.3	479.5	478.5	476.8	475.1	474.1	473.7	45.4	71.3
15°	470.2	469.9	469.4	468.6	467.9	467.5	467.3	66.5	137.8
20°	456.1	456.1	456.2	456.8	457.5	457.7	457.7	85.7	223.4
25°	436.4	436.9	437.8	439.3	441.0	441.6	441.9	101.8	325.2
30°	408.0	409.4	411.4	413.0	414.7	416.1	417.0	113.1	438.3
35°	359.7	363.7	368.5	369.4	369.8	373.2	376.4	115.9	554.3
40°	285.2	289.3	294.0	297.0	299.9	304.5	307.7	104.6	658.9
45°	203.2	210.6	218.9	217.5	216.1	224.5	232.0	84.3	743.2
50°	133.5	149.8	166.6	154.3	142.1	160.3	177.8	65.0	808.2
55°	93.4	109.3	125.5	111.9	98.4	115.7	132.5	50.4	858.6
60°	68.8	81.0	93.3	82.3	71.3	84.4	97.2	39.2	897.8
65°	57.1	64.0	71.0	64.8	58.6	66.3	73.9	32.3	930.1
70°	47.4	49.6	52.0	51.2	50.3	51.9	53.5	26.2	956.3
75°	37.7	37.9	38.3	39.4	40.4	39.6	38.9	20.6	977.0
80°	26.0	27.3	28.8	28.7	28.4	29.0	29.6	15.3	992.3
85°	12.1	12.4	12.9	13.4	13.9	14.3	14.6	7.3	999.6
90°	0.9	1.0	1.1	0.9	0.7	0.4	0.2	0.4	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 Apollon® 21	Bestell-Nr.: 51MQ16WD2414 EAN: 4058352959879	LP-Nummer 59553_3
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	15,8	17,3	16,1	17,6	17,9	16,0	17,5	16,4	17,8	18,2
	3H	16,7	18,0	17,1	18,4	18,7	17,0	18,4	17,4	18,7	19,0
	4H	17,2	18,5	17,6	18,8	19,2	17,5	18,8	17,9	19,1	19,5
	6H	17,7	18,8	18,1	19,2	19,6	18,0	19,2	18,4	19,6	20,0
	8H	17,9	19,0	18,3	19,4	19,8	18,3	19,4	18,7	19,8	20,2
	12H	18,0	19,1	18,5	19,4	19,9	18,5	19,5	18,9	19,9	20,3
4H	2H	16,2	17,5	16,6	17,8	18,2	16,4	17,6	16,8	18,0	18,4
	3H	17,4	18,4	17,8	18,8	19,2	17,6	18,7	18,0	19,0	19,5
	4H	18,0	19,0	18,4	19,4	19,8	18,2	19,2	18,7	19,6	20,1
	6H	18,7	19,5	19,1	19,9	20,4	19,0	19,8	19,4	20,2	20,7
	8H	18,9	19,7	19,4	20,1	20,6	19,3	20,0	19,8	20,5	21,0
	12H	19,2	19,8	19,6	20,3	20,8	19,6	20,2	20,0	20,7	21,2
8H	4H	18,3	19,1	18,8	19,5	20,0	18,5	19,3	19,0	19,8	20,2
	6H	19,2	19,8	19,7	20,3	20,8	19,4	20,1	19,9	20,5	21,0
	8H	19,5	20,1	20,0	20,6	21,1	19,8	20,4	20,3	20,9	21,4
	12H	19,8	20,3	20,4	20,8	21,3	20,2	20,7	20,7	21,2	21,7
12H	4H	18,4	19,1	18,9	19,5	20,0	18,6	19,3	19,1	19,7	20,2
	6H	19,3	19,8	19,8	20,3	20,8	19,5	20,1	20,0	20,6	21,1
	8H	19,7	20,2	20,2	20,7	21,2	20,0	20,5	20,5	21,0	21,5

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1501 B = 138
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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°		4716.8	4888.3	5081.2	5048.5	5016.5	5212.4	5386.4	
50°		3408.7	3824.3	4255.3	3939.3	3628.7	4094.4	4539.3	
55°		2673.9	3127.2	3590.3	3200.8	2816.5	3312.2	3793.2	
60°		2259.4	2658.8	3063.8	2700.4	2340.9	2770.4	3190.6	
65°		2218.3	2486.9	2759.2	2515.4	2276.1	2576.4	2868.6	
70°		2275.3	2379.7	2494.2	2456.2	2412.7	2492.6	2567.7	
75°		2393.9	2404.0	2426.9	2498.9	2561.3	2514.1	2464.8	
80°		2453.2	2578.6	2722.1	2713.0	2686.0	2740.5	2793.9	
85°		2272.2	2340.2	2433.8	2526.8	2617.6	2695.0	2745.3	

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

