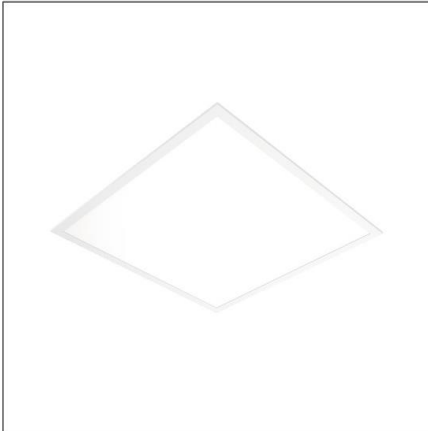


Lichttechnischer Prüfbefund

Familie
Apollon® 41



Bestell-Nr.: 51MH12WD2422
EAN: 4058352450345

LP-Nummer
59038_5

Seriendokumentation
08.04.2021

Ausführung mikroprismatische Abdeckung, breit strahlend,
UGR≤19 (L65≤3000cd/m²)

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 3700 lm
Systemleistung = 35.0 W
Lichtausbeute = 105.7 lm/W

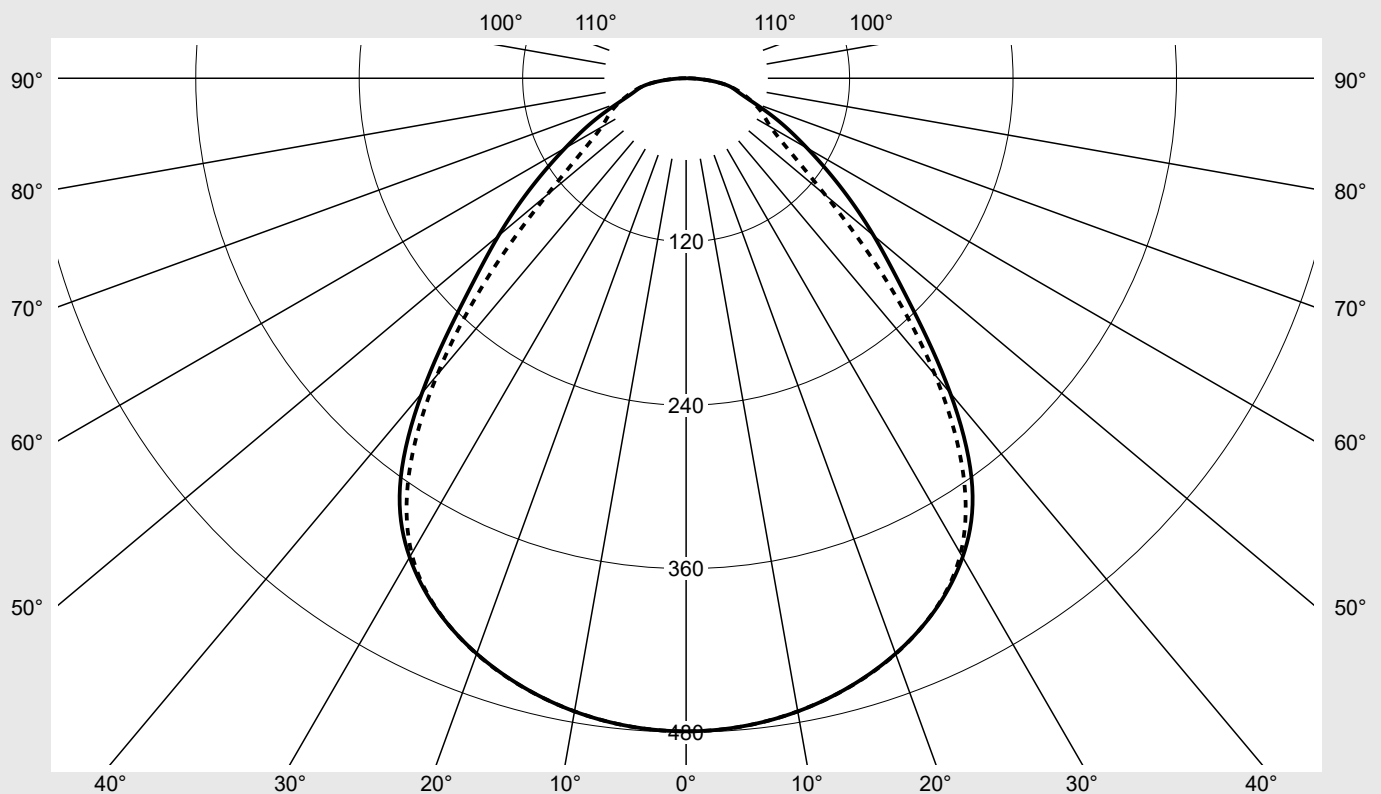
sITeco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 479 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=63 N2=87 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® 41	Bestell-Nr.: 51MH12WD2422 EAN: 4058352450345	LP-Nummer 59038_5
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°	479.5	479.5	479.5	479.5	479.5	479.5	479.5	2.9	2.9
5°	477.5	477.5	477.5	477.5	477.4	477.5	477.6	22.8	25.7
10°	472.0	472.0	471.9	471.9	471.8	471.9	471.9	44.9	70.6
15°	462.6	462.7	462.7	462.7	462.6	462.7	462.8	65.6	136.2
20°	449.5	449.7	449.8	449.7	449.5	449.6	449.7	84.3	220.5
25°	431.5	431.5	431.6	431.4	431.3	431.2	431.2	99.9	320.5
30°	406.0	405.2	404.5	404.7	404.8	403.9	403.0	110.9	431.4
35°	366.3	363.2	360.1	360.8	361.5	358.1	354.7	113.4	544.8
40°	301.6	296.4	291.3	292.5	293.7	289.0	284.4	103.1	647.9
45°	230.9	219.8	208.8	217.6	226.5	215.4	204.4	84.3	732.2
50°	179.8	157.7	135.5	157.1	178.6	156.1	133.5	65.9	798.1
55°	137.5	115.3	93.1	115.6	138.1	115.1	92.1	51.8	849.9
60°	102.5	86.5	70.4	86.2	102.0	86.9	71.8	41.1	891.0
65°	75.8	68.6	61.4	67.1	72.7	67.4	62.2	33.6	924.6
70°	53.2	53.2	53.2	52.8	52.4	52.4	52.4	27.2	951.8
75°	39.9	40.9	42.0	41.9	41.9	42.0	42.1	22.0	973.8
80°	31.3	30.7	30.2	31.0	31.8	31.5	31.3	16.8	990.6
85°	15.5	15.3	15.1	15.4	15.7	15.9	16.0	8.5	999.1
90°	1.3	1.4	1.4	1.7	1.9	2.0	2.1	0.9	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® 41	Bestell-Nr.: 51MH12WD2422 EAN: 4058352450345	LP-Nummer 59038_5
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	14,9	16,4	15,2	16,7	17,1	14,9	16,5	15,3	16,8	17,1
	3H	15,9	17,3	16,3	17,6	18,0	15,9	17,3	16,3	17,6	18,0
	4H	16,4	17,7	16,8	18,1	18,5	16,4	17,7	16,8	18,1	18,5
	6H	17,0	18,2	17,4	18,6	19,0	17,0	18,2	17,5	18,6	19,0
	8H	17,3	18,4	17,8	18,8	19,2	17,4	18,4	17,8	18,8	19,2
	12H	17,5	18,5	18,0	18,9	19,4	17,6	18,6	18,0	19,0	19,4
4H	2H	15,3	16,6	15,7	16,9	17,3	15,3	16,6	15,7	17,0	17,3
	3H	16,6	17,7	17,0	18,1	18,5	16,5	17,6	17,0	18,0	18,4
	4H	17,3	18,2	17,7	18,6	19,1	17,3	18,2	17,7	18,6	19,1
	6H	18,0	18,9	18,5	19,3	19,8	18,1	18,9	18,5	19,3	19,8
	8H	18,4	19,1	18,8	19,6	20,1	18,4	19,2	18,9	19,6	20,1
	12H	18,7	19,3	19,1	19,8	20,3	18,7	19,4	19,2	19,8	20,3
8H	4H	17,6	18,4	18,1	18,8	19,3	17,6	18,4	18,1	18,8	19,3
	6H	18,5	19,2	19,0	19,6	20,1	18,6	19,2	19,1	19,7	20,2
	8H	19,0	19,5	19,5	20,0	20,5	19,0	19,6	19,5	20,1	20,6
	12H	19,4	19,8	19,9	20,3	20,9	19,4	19,9	20,0	20,4	20,9
12H	4H	17,7	18,4	18,2	18,8	19,3	17,7	18,3	18,2	18,8	19,3
	6H	18,7	19,2	19,2	19,7	20,2	18,7	19,3	19,2	19,7	20,3
	8H	19,2	19,6	19,7	20,1	20,7	19,2	19,7	19,7	20,2	20,7

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 555 B = 555
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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°		3922.2	3734.4	3546.3	3696.8	3847.3	3659.6	3471.9	
50°		3360.0	2946.4	2533.1	2935.4	3337.9	2916.9	2495.7	
55°		2880.4	2414.6	1948.9	2420.7	2892.5	2410.7	1928.8	
60°		2463.4	2077.6	1691.8	2070.6	2449.5	2087.4	1725.4	
65°		2155.3	1950.7	1745.7	1906.0	2066.3	1916.8	1767.0	
70°		1868.8	1867.7	1866.7	1852.6	1838.9	1839.6	1840.7	
75°		1851.3	1899.6	1947.4	1946.5	1945.1	1948.8	1952.0	
80°		2164.5	2125.0	2085.6	2141.6	2197.0	2179.7	2162.4	
85°		2133.5	2108.7	2083.9	2122.5	2161.1	2185.9	2210.7	

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

