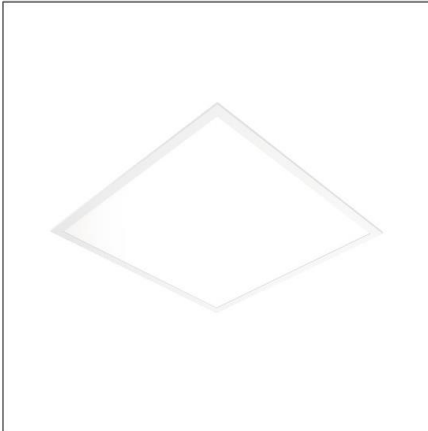


Lichttechnischer Prüfbefund

Familie
Apollon® 41

Bestell-Nr.: 51MH12W72322
EAN: 4058352396827

LP-Nummer
59036_1



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

Bestückung LED 3000 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 3550 lm
Systemleistung = 35.0 W
Lichtausbeute = 101.4 lm/W

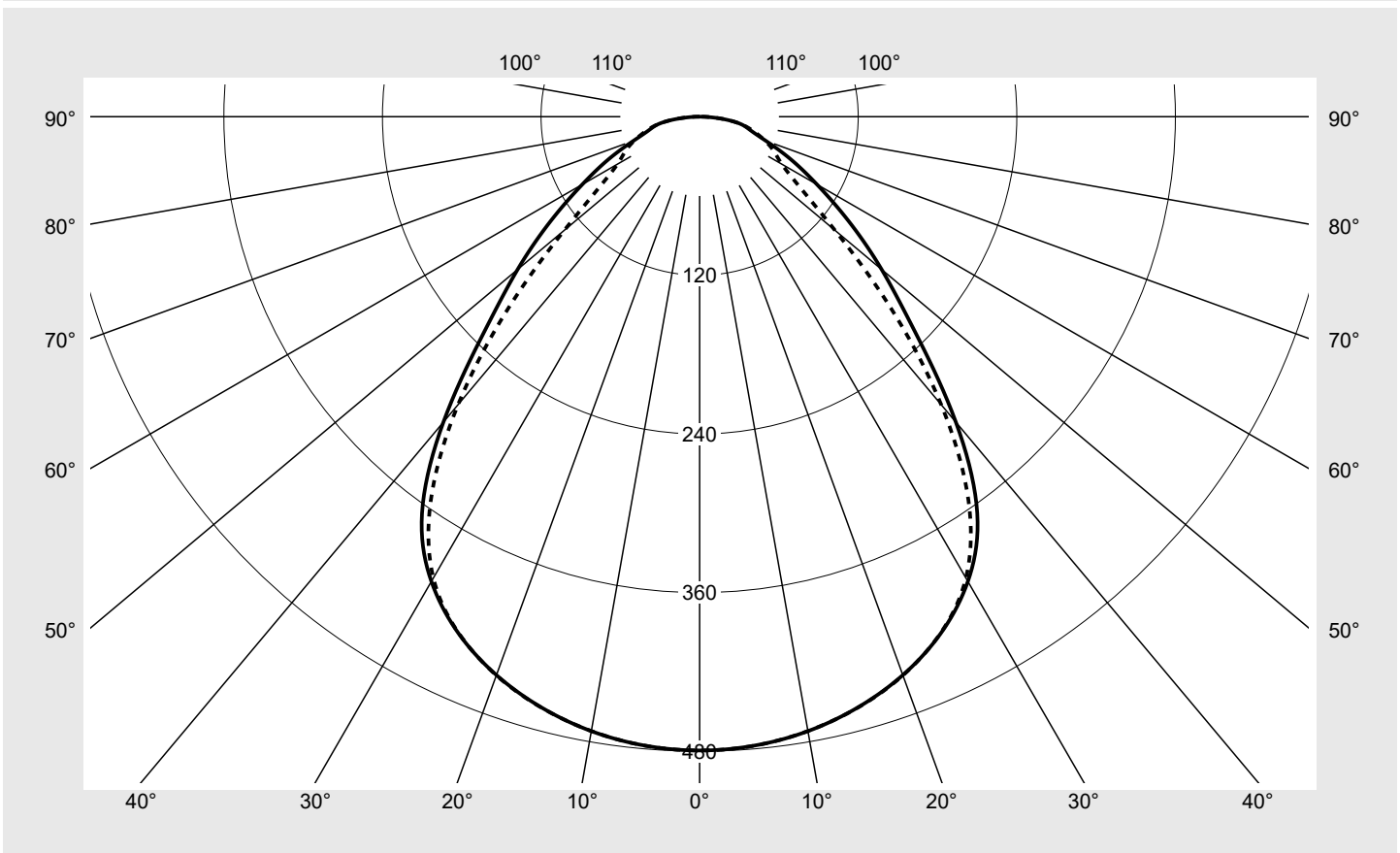
Seriendokumentation
22.06.2020

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

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	sITeCO
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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									
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

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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	14,7	16,3	15,1	16,6	16,9	14,8	16,3	15,1	16,6	17,0
	3H	15,8	17,2	16,2	17,5	17,8	15,7	17,1	16,1	17,5	17,8
	4H	16,3	17,6	16,7	17,9	18,3	16,3	17,6	16,7	17,9	18,3
	6H	16,9	18,1	17,3	18,4	18,8	16,9	18,1	17,3	18,5	18,8
	8H	17,2	18,3	17,6	18,7	19,1	17,2	18,3	17,6	18,7	19,1
	12H	17,4	18,4	17,8	18,8	19,2	17,4	18,4	17,8	18,8	19,2
4H	2H	15,2	16,4	15,6	16,8	17,2	15,2	16,5	15,6	16,8	17,2
	3H	16,4	17,5	16,9	17,9	18,3	16,4	17,5	16,8	17,9	18,3
	4H	17,1	18,1	17,6	18,5	18,9	17,1	18,1	17,6	18,5	18,9
	6H	17,9	18,7	18,3	19,2	19,6	17,9	18,8	18,4	19,2	19,7
	8H	18,2	19,0	18,7	19,4	19,9	18,3	19,0	18,7	19,5	20,0
	12H	18,5	19,2	19,0	19,6	20,1	18,6	19,2	19,0	19,7	20,2
8H	4H	17,5	18,2	17,9	18,7	19,1	17,5	18,2	17,9	18,7	19,1
	6H	18,4	19,0	18,9	19,5	20,0	18,4	19,1	18,9	19,6	20,1
	8H	18,8	19,4	19,3	19,9	20,4	18,9	19,5	19,4	20,0	20,5
	12H	19,2	19,7	19,7	20,2	20,7	19,3	19,8	19,8	20,3	20,8
12H	4H	17,5	18,2	18,0	18,7	19,2	17,5	18,2	18,0	18,7	19,2
	6H	18,5	19,1	19,0	19,5	20,1	18,6	19,1	19,1	19,6	20,1
	8H	19,0	19,5	19,5	20,0	20,5	19,1	19,5	19,6	20,0	20,6

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°		3763.2	3583.0	3402.5	3546.9	3691.4	3511.2	3331.1	
50°		3223.8	2827.0	2430.4	2816.4	3202.6	2798.6	2394.5	
55°		2763.6	2316.8	1869.9	2322.6	2775.3	2312.9	1850.6	
60°		2363.6	1993.4	1623.2	1986.7	2350.2	2002.8	1655.5	
65°		2067.9	1871.6	1675.0	1828.8	1982.6	1839.1	1695.4	
70°		1793.0	1792.0	1791.0	1777.5	1764.4	1765.0	1766.1	
75°		1776.3	1822.6	1868.5	1867.6	1866.2	1869.8	1872.9	
80°		2076.7	2038.9	2001.1	2054.8	2107.9	2091.3	2074.7	
85°		2047.0	2023.2	1999.4	2036.4	2073.4	2097.2	2121.0	

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Leuchtdichten in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

