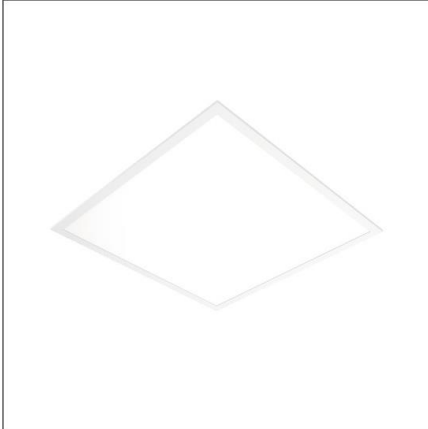


Lichttechnischer Prüfbefund

Familie
Apollon® 41



Bestell-Nr.: 51MH12L72343
EAN: 4058352934609

LP-Nummer
59525_13

Ausführung Einbauleuchte für Einlegemontage, quadratisch
M600, breit strahlend, UGR≤19
(L65≤3000cd/m²)

Bestückung LED 3000 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 2600 lm
Systemleistung = 21.5 W
Lichtausbeute = 120.9 lm/W

Seriendokumentation
20.12.2023

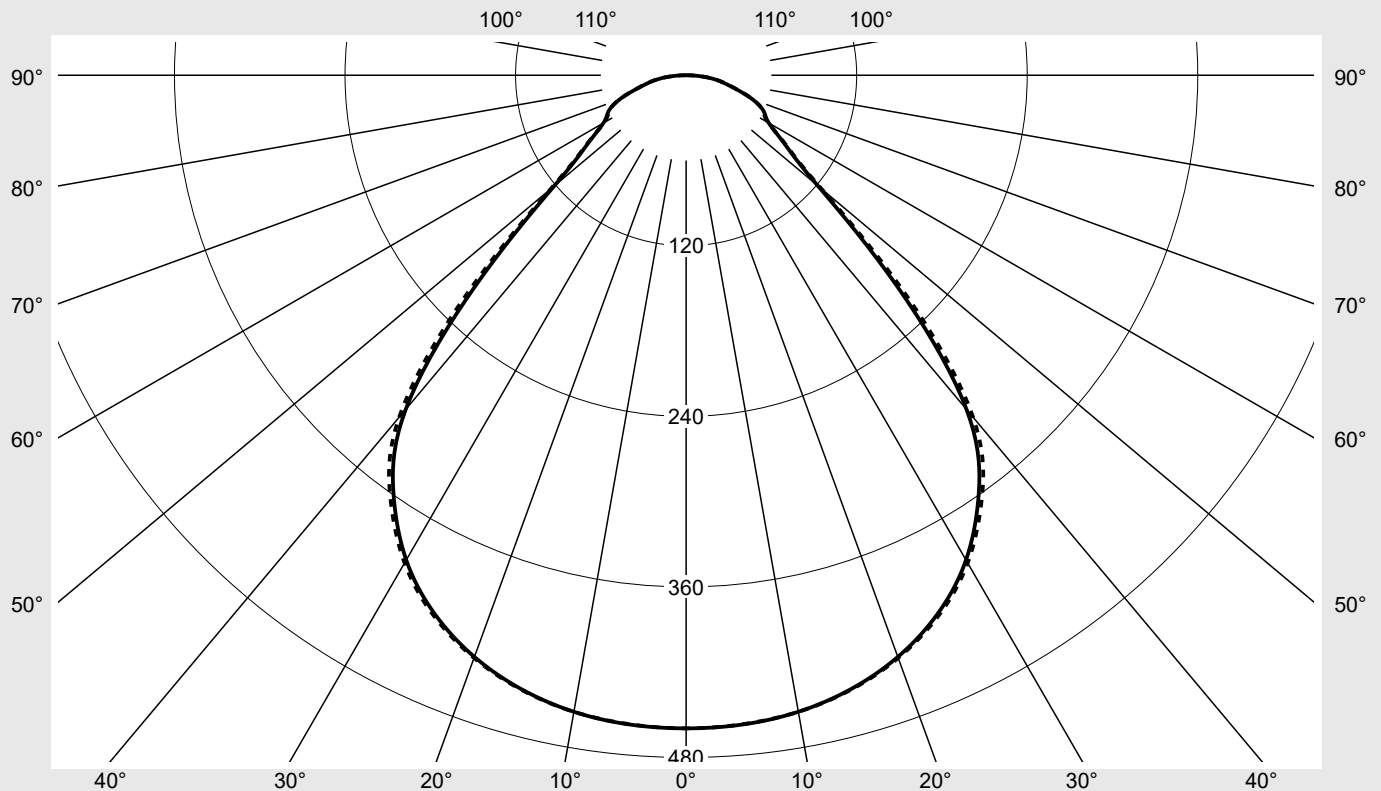
sitEco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 460 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=61 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.: 51MH12L72343 EAN: 4058352934609	LP-Nummer 59525_13
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	
0°	459.5	459.5	459.5	459.5	459.5	459.5	459.5	2.7	2.7
5°	458.5	458.6	458.6	458.5	458.4	458.4	458.3	21.9	24.7
10°	454.8	454.7	454.7	454.6	454.5	454.6	454.8	43.3	67.9
15°	447.3	447.2	447.2	447.1	447.1	447.4	447.7	63.4	131.4
20°	435.5	435.6	435.6	435.5	435.4	435.9	436.3	81.7	213.1
25°	418.3	418.2	418.1	417.9	417.9	418.8	419.8	96.9	310.0
30°	393.9	392.9	392.0	391.8	391.7	394.0	396.2	107.7	417.6
35°	359.0	358.1	357.3	357.0	356.7	359.8	362.9	112.7	530.3
40°	307.0	305.1	303.5	302.7	302.0	308.1	314.2	107.6	637.9
45°	209.9	219.5	229.2	228.5	227.9	223.6	219.4	86.8	724.7
50°	121.1	152.8	184.6	184.6	184.5	154.4	124.3	68.8	793.5
55°	85.1	114.1	143.1	142.6	142.1	114.1	86.2	55.5	849.0
60°	67.2	85.5	103.9	103.9	103.9	85.2	66.6	43.5	892.4
65°	60.3	67.1	74.0	73.7	73.5	66.6	59.7	34.4	926.8
70°	49.9	54.2	58.5	57.8	57.2	53.7	50.2	28.4	955.2
75°	35.1	40.7	46.3	45.7	45.1	40.2	35.4	22.4	977.6
80°	24.2	25.1	26.1	25.6	25.0	24.9	24.7	13.6	991.2
85°	13.0	14.1	15.3	15.2	15.1	14.0	12.9	7.9	999.1
90°	1.4	1.6	1.9	1.8	1.8	1.5	1.2	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.: 51MH12L72343 EAN: 4058352934609	LP-Nummer 59525_13
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	13,8	15,3	14,1	15,6	16,0	13,8	15,3	14,2	15,7	16,0
	3H	14,7	16,1	15,1	16,4	16,8	14,7	16,1	15,1	16,4	16,8
	4H	15,2	16,5	15,6	16,8	17,2	15,2	16,5	15,6	16,8	17,2
	6H	15,6	16,8	16,0	17,1	17,5	15,6	16,8	16,0	17,1	17,5
	8H	15,8	16,9	16,2	17,2	17,7	15,8	16,9	16,2	17,3	17,7
	12H	15,9	16,9	16,3	17,3	17,8	15,9	17,0	16,4	17,3	17,8
4H	2H	14,3	15,6	14,7	16,0	16,4	14,3	15,6	14,7	16,0	16,4
	3H	15,5	16,6	16,0	17,0	17,4	15,5	16,6	15,9	17,0	17,4
	4H	16,2	17,2	16,6	17,6	18,0	16,2	17,1	16,6	17,5	18,0
	6H	16,7	17,6	17,2	18,0	18,4	16,7	17,5	17,1	18,0	18,4
	8H	16,9	17,7	17,4	18,1	18,6	16,9	17,7	17,4	18,1	18,6
	12H	17,1	17,8	17,6	18,3	18,8	17,1	17,8	17,6	18,3	18,7
8H	4H	16,5	17,3	17,0	17,8	18,2	16,5	17,3	17,0	17,7	18,2
	6H	17,2	17,8	17,7	18,3	18,8	17,1	17,8	17,6	18,3	18,8
	8H	17,5	18,1	18,0	18,5	19,1	17,5	18,0	18,0	18,5	19,0
	12H	17,8	18,3	18,3	18,8	19,3	17,8	18,2	18,3	18,7	19,3
12H	4H	16,6	17,3	17,1	17,7	18,2	16,6	17,2	17,0	17,7	18,2
	6H	17,3	17,8	17,8	18,3	18,8	17,2	17,8	17,7	18,3	18,8
	8H	17,6	18,1	18,1	18,6	19,1	17,6	18,1	18,1	18,6	19,1

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

Lichttechnische Abmessungen in mm: L = 555, B = 555

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°		2505.8	2620.7	2735.6	2728.0	2720.3	2669.6	2618.9	
50°		1589.6	2007.1	2424.6	2423.9	2423.3	2027.8	1632.4	
55°		1251.6	1678.5	2105.4	2098.2	2090.9	1679.4	1267.9	
60°		1133.9	1443.7	1753.5	1753.5	1753.5	1438.7	1124.0	
65°		1204.3	1340.7	1477.1	1472.8	1468.6	1330.5	1192.5	
70°		1230.6	1336.9	1443.3	1427.1	1410.9	1324.4	1237.9	
75°		1145.4	1328.3	1511.2	1490.7	1470.3	1312.0	1153.8	
80°		1174.0	1220.5	1267.0	1242.1	1217.1	1209.9	1202.7	
85°		1256.5	1369.3	1482.2	1473.5	1464.9	1358.8	1252.6	

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Leuchtdichten in cd/m²		<div style="display: flex; justify-content: space-around;"> γ 65° γ 70° γ 75° γ 80° γ 85° </div>

