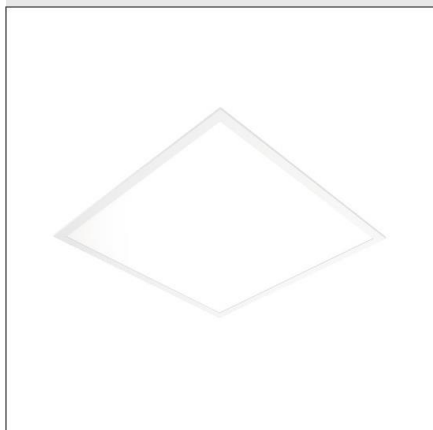


Lichttechnischer Prüfbefund

Familie
Apollon® 41

Bestell-Nr.: 51MH12W72443
EAN: 4058352930939

LP-Nummer
59525_16



Ausführung Einbauleuchte für Einlegemontage, quadratisch
M600, breit strahlend, UGR≤19
($L65 \leq 3000 \text{ cd/m}^2$)

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 3700 lm
Systemleistung = 28.5 W
Lichtausbeute = 129.8 lm/W

Seriendokumentation
20.12.2023

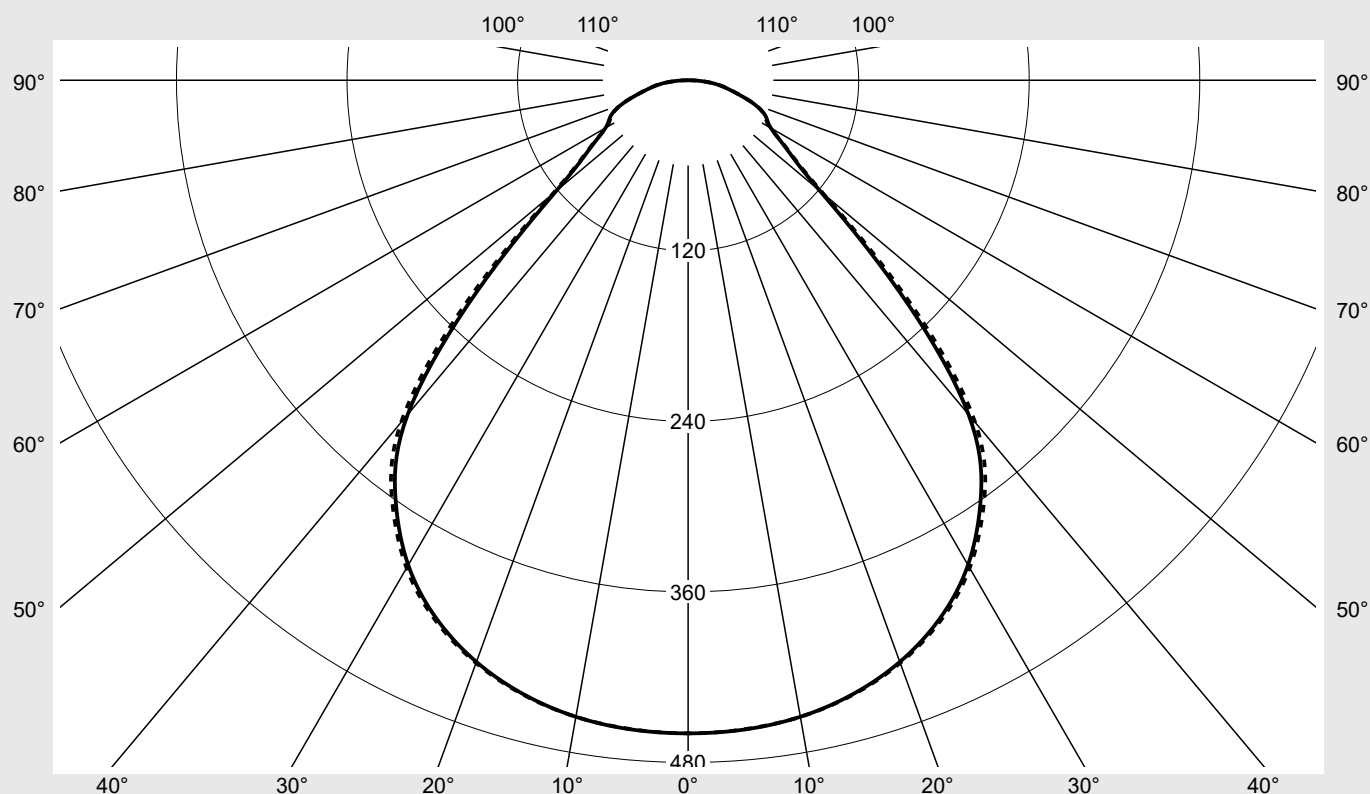
sitEco

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.: 51MH12W72443 EAN: 4058352930939	LP-Nummer 59525_16
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

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

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°		3565.9	3729.5	3893.0	3882.1	3871.2	3799.1	3727.0	
50°		2262.1	2856.3	3450.4	3449.5	3448.5	2885.8	2323.0	
55°		1781.2	2388.7	2996.2	2985.9	2975.5	2389.9	1804.3	
60°		1613.7	2054.6	2495.4	2495.4	2495.4	2047.4	1599.5	
65°		1713.8	1907.9	2102.0	2096.0	2089.9	1893.4	1697.0	
70°		1751.2	1902.6	2053.9	2030.9	2007.8	1884.7	1761.6	
75°		1629.9	1890.3	2150.5	2121.4	2092.3	1867.1	1641.9	
80°		1670.6	1736.9	1803.1	1767.6	1732.1	1721.8	1711.6	
85°		1788.1	1948.7	2109.2	2097.0	2084.7	1933.6	1782.6	

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

