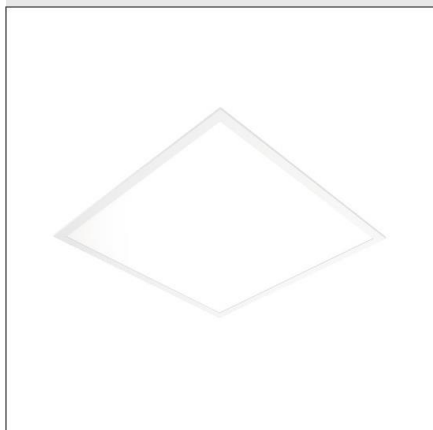


Lichttechnischer Prüfbefund

Familie
Apollon® 41

Bestell-Nr.: 51MH11WD2N43
EAN: 4058352967201

LP-Nummer
59525_11



Ausführung Einbauleuchte für Einlegemontage, quadratisch M625, breit strahlend, einstellbare Farbtemperatur: 4000 K | 6500 K, UGR≤19 (L65≤3000cd/m²)

Bestückung LED 6500 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Einstellung indiv. Einstellung

Bemessungswerte Nettolichtstrom = 3450 lm
Systemleistung = 28.5 W
Lichtausbeute = 121.1 lm/W

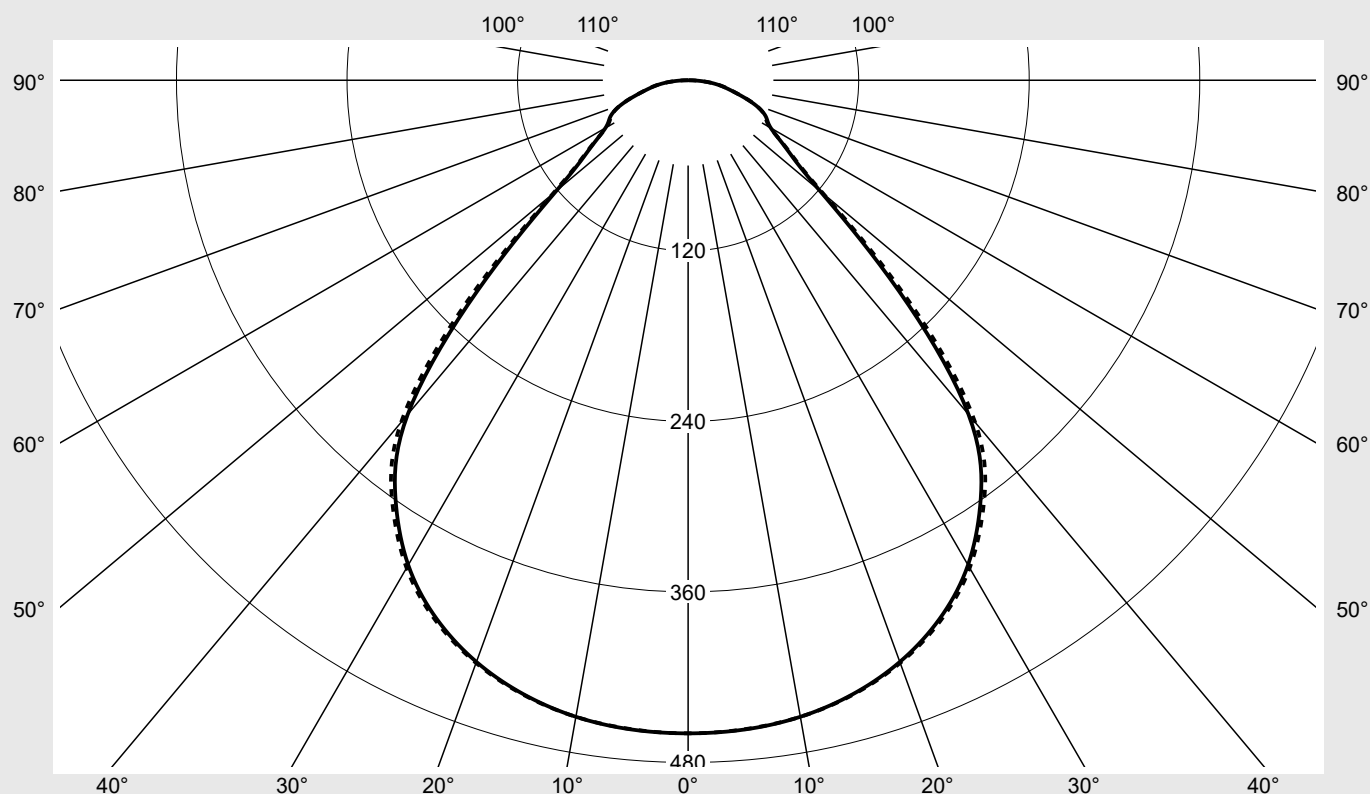
Seriendokumentation
20.12.2023

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

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke
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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								Lichtstrom in lm/klm	
γ									
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.: 51MH11WD2N43 EAN: 4058352967201	LP-Nummer 59525_11
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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	14,8	16,3	15,1	16,6	16,9	14,8	16,3	15,1	16,6	17,0
	3H	15,7	17,1	16,1	17,4	17,8	15,7	17,1	16,1	17,4	17,8
	4H	16,2	17,5	16,5	17,8	18,2	16,2	17,4	16,5	17,8	18,2
	6H	16,5	17,7	17,0	18,1	18,5	16,6	17,7	17,0	18,1	18,5
	8H	16,8	17,9	17,2	18,2	18,6	16,8	17,9	17,2	18,2	18,6
	12H	16,9	17,9	17,3	18,3	18,7	16,9	17,9	17,3	18,3	18,7
4H	2H	15,3	16,6	15,7	17,0	17,3	15,3	16,6	15,7	17,0	17,3
	3H	16,5	17,6	16,9	18,0	18,4	16,5	17,6	16,9	18,0	18,4
	4H	17,2	18,1	17,6	18,6	19,0	17,1	18,1	17,6	18,5	19,0
	6H	17,7	18,5	18,1	19,0	19,4	17,7	18,5	18,1	18,9	19,4
	8H	17,9	18,7	18,4	19,1	19,6	17,9	18,7	18,4	19,1	19,6
	12H	18,1	18,8	18,6	19,3	19,8	18,1	18,8	18,6	19,2	19,7
8H	4H	17,5	18,3	18,0	18,7	19,2	17,5	18,3	18,0	18,7	19,2
	6H	18,2	18,8	18,7	19,3	19,8	18,1	18,8	18,6	19,2	19,7
	8H	18,5	19,0	19,0	19,5	20,0	18,4	19,0	18,9	19,5	20,0
	12H	18,8	19,3	19,3	19,8	20,3	18,7	19,2	19,3	19,7	20,3
12H	4H	17,6	18,2	18,0	18,7	19,2	17,5	18,2	18,0	18,7	19,2
	6H	18,3	18,8	18,8	19,3	19,8	18,2	18,8	18,7	19,3	19,8
	8H	18,6	19,1	19,1	19,6	20,1	18,6	19,0	19,1	19,5	20,1

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°		3325.0	3477.5	3630.0	3619.8	3609.6	3542.4	3475.1	
50°		2109.3	2663.3	3217.3	3216.4	3215.5	2690.8	2166.1	
55°		1660.8	2227.3	2793.8	2784.1	2774.5	2228.5	1682.4	
60°		1504.7	1915.7	2326.8	2326.8	2326.8	1909.1	1491.4	
65°		1598.0	1779.0	1960.0	1954.3	1948.7	1765.5	1582.4	
70°		1632.9	1774.0	1915.1	1893.6	1872.1	1757.3	1642.6	
75°		1519.8	1762.5	2005.2	1978.1	1951.0	1741.0	1530.9	
80°		1557.8	1619.5	1681.3	1648.2	1615.0	1605.5	1595.9	
85°		1667.3	1817.0	1966.7	1955.3	1943.8	1803.0	1662.1	

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Leuchtdichten in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

