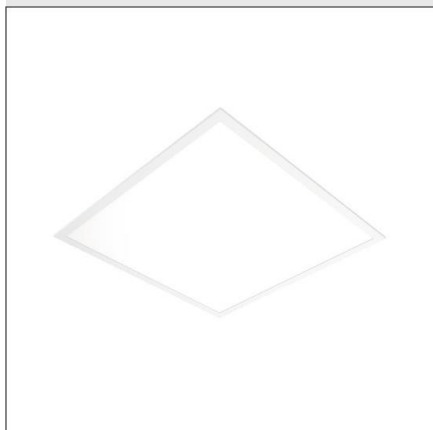


Lichttechnischer Prüfbefund

Familie
Apollon® 41

Bestell-Nr.: 51MH11WD2443
EAN: 4058352930908

LP-Nummer
59525_9



Ausführung Einbauleuchte für Einlegemontage, quadratisch M625, breit strahlend, UGR≤19 (L65≤3000cd/m²)

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 3500 lm
Systemleistung = 28.5 W
Lichtausbeute = 122.8 lm/W

Seriendokumentation
20.12.2023

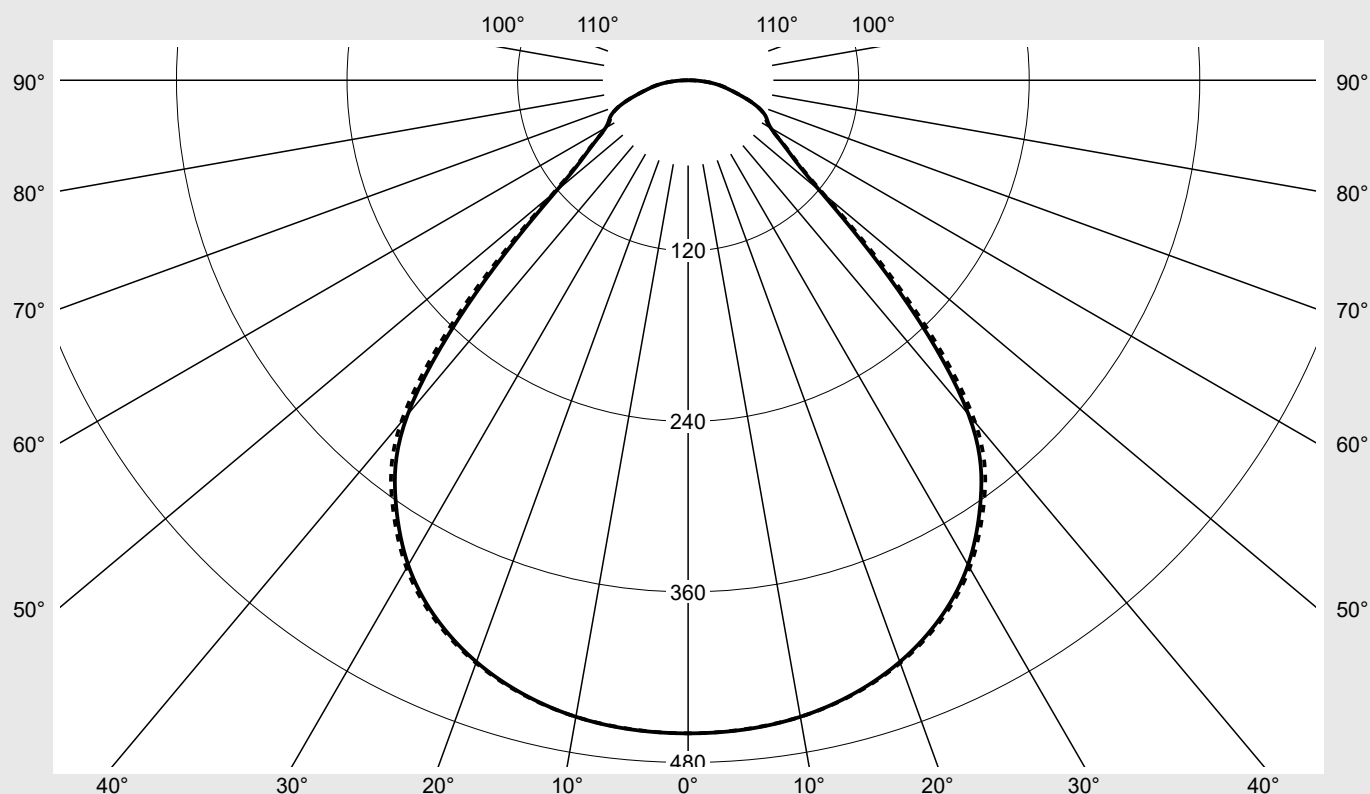
sitEco

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

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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°	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	14,8	16,4	15,2	16,7	17,0	14,8	16,4	15,2	16,7	17,0
	3H	15,7	17,1	16,1	17,5	17,8	15,7	17,1	16,1	17,5	17,8
	4H	16,2	17,5	16,6	17,9	18,2	16,2	17,5	16,6	17,9	18,2
	6H	16,6	17,8	17,0	18,2	18,5	16,6	17,8	17,0	18,2	18,6
	8H	16,8	17,9	17,2	18,3	18,7	16,8	17,9	17,2	18,3	18,7
	12H	16,9	18,0	17,4	18,4	18,8	17,0	18,0	17,4	18,4	18,8
4H	2H	15,4	16,7	15,8	17,0	17,4	15,4	16,7	15,8	17,0	17,4
	3H	16,6	17,7	17,0	18,1	18,5	16,6	17,7	17,0	18,0	18,5
	4H	17,2	18,2	17,7	18,6	19,0	17,2	18,2	17,6	18,6	19,0
	6H	17,7	18,6	18,2	19,0	19,5	17,7	18,6	18,2	19,0	19,4
	8H	18,0	18,7	18,4	19,2	19,7	17,9	18,7	18,4	19,2	19,6
	12H	18,2	18,8	18,7	19,3	19,8	18,1	18,8	18,6	19,3	19,8
8H	4H	17,6	18,3	18,0	18,8	19,3	17,5	18,3	18,0	18,8	19,2
	6H	18,2	18,9	18,7	19,3	19,8	18,2	18,8	18,7	19,3	19,8
	8H	18,5	19,1	19,0	19,6	20,1	18,5	19,1	19,0	19,5	20,1
	12H	18,8	19,3	19,3	19,8	20,3	18,8	19,3	19,3	19,8	20,3
12H	4H	17,6	18,3	18,1	18,7	19,2	17,6	18,3	18,1	18,7	19,2
	6H	18,3	18,8	18,8	19,3	19,9	18,3	18,8	18,8	19,3	19,8
	8H	18,7	19,1	19,2	19,6	20,2	18,6	19,1	19,1	19,6	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°		3373.2	3527.9	3682.6	3672.3	3662.0	3593.7	3525.5	
50°		2139.9	2701.9	3263.9	3263.0	3262.1	2729.8	2197.5	
55°		1684.9	2259.6	2834.3	2824.5	2814.7	2260.8	1706.8	
60°		1526.5	1943.5	2360.5	2360.5	2360.5	1936.8	1513.0	
65°		1621.2	1804.8	1988.4	1982.7	1977.0	1791.1	1605.3	
70°		1656.5	1799.7	1942.9	1921.1	1899.3	1782.8	1666.4	
75°		1541.8	1788.1	2034.3	2006.8	1979.2	1766.2	1553.1	
80°		1580.3	1643.0	1705.6	1672.1	1638.4	1628.7	1619.1	
85°		1691.5	1843.3	1995.2	1983.6	1972.0	1829.1	1686.2	

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Leuchtdichten in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

