

Lichttechnischer Prüfbefund

Familie
Apollon® 21

Bestell-Nr.: 51MQ19WD2M14
EAN: 4058352928448

LP-Nummer
59548_46

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

Bestückung LED 3000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Einstellung indiv. Einstellung

Bemessungswerte Nettolichtstrom = 7000 lm
Systemleistung = 44.6 W
Lichtausbeute = 157 lm/W

Seriendokumentation
29.01.2024

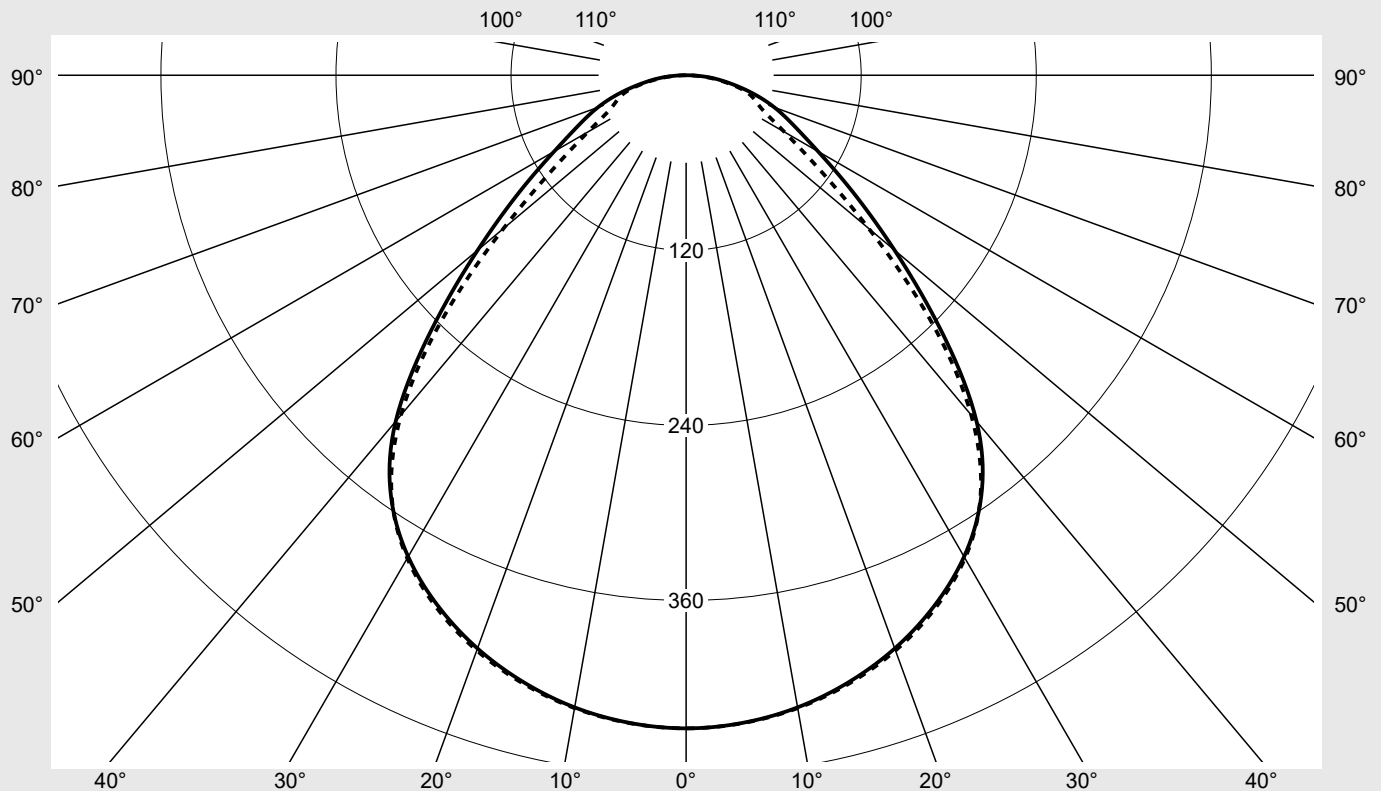
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 448 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=60 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

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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								Lichtstrom in lm/klm	
0°	447.7	447.7	447.7	447.7	447.7	447.7	447.7	2.7	2.7
5°	445.6	445.7	445.8	445.8	445.8	445.8	445.8	21.3	24.0
10°	440.0	440.1	440.1	440.3	440.4	440.4	440.5	41.9	65.9
15°	430.7	430.8	431.0	431.2	431.3	431.5	431.7	61.2	127.0
20°	418.1	418.2	418.4	418.7	418.9	419.3	419.6	78.5	205.5
25°	401.8	401.9	402.1	402.3	402.5	403.0	403.5	93.2	298.8
30°	381.0	381.1	381.1	381.3	381.4	381.8	382.3	104.5	403.3
35°	352.6	352.4	352.2	351.8	351.4	351.6	351.9	110.7	513.9
40°	309.7	308.8	307.7	306.1	304.4	304.3	304.0	107.9	621.9
45°	246.9	244.2	241.6	240.8	240.1	238.2	236.2	93.4	715.3
50°	186.5	177.8	169.0	175.7	182.4	172.9	163.4	73.7	789.0
55°	139.5	126.8	114.1	127.5	140.9	125.4	110.0	56.8	845.8
60°	104.5	91.4	78.4	93.2	107.9	92.9	77.8	43.9	889.7
65°	81.4	68.9	56.4	69.2	82.0	70.6	59.2	34.6	924.3
70°	64.4	55.9	47.3	54.3	61.2	55.8	50.4	28.5	952.8
75°	46.6	44.8	42.9	42.8	42.8	42.3	41.8	22.9	975.7
80°	29.3	29.6	30.0	29.8	29.7	28.4	27.2	15.8	991.5
85°	15.1	13.9	12.6	14.5	16.3	14.7	13.0	7.8	999.4
90°	1.7	1.5	1.2	1.2	1.1	0.8	0.5	0.6	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	16,2	15,0	16,6	16,9	14,7	16,3	15,1	16,6	16,9
	3H	15,7	17,1	16,1	17,5	17,8	15,6	17,0	16,0	17,3	17,7
	4H	16,3	17,6	16,7	18,0	18,4	16,1	17,4	16,5	17,8	18,1
	6H	16,8	18,0	17,2	18,4	18,8	16,6	17,8	17,0	18,1	18,5
	8H	17,1	18,2	17,5	18,6	19,0	16,8	17,9	17,2	18,3	18,7
	12H	17,2	18,3	17,7	18,7	19,1	16,9	18,0	17,4	18,4	18,8
4H	2H	15,1	16,4	15,5	16,7	17,1	15,1	16,5	15,5	16,8	17,2
	3H	16,3	17,4	16,7	17,8	18,2	16,3	17,4	16,8	17,8	18,2
	4H	17,0	18,0	17,5	18,4	18,9	17,0	18,0	17,4	18,4	18,8
	6H	17,7	18,6	18,2	19,0	19,5	17,6	18,5	18,1	18,9	19,3
	8H	18,0	18,8	18,5	19,2	19,7	17,8	18,6	18,3	19,1	19,5
	12H	18,2	18,9	18,7	19,4	19,9	18,1	18,7	18,5	19,2	19,7
8H	4H	17,3	18,1	17,8	18,6	19,1	17,3	18,1	17,8	18,5	19,0
	6H	18,2	18,8	18,7	19,3	19,8	18,1	18,7	18,6	19,2	19,7
	8H	18,5	19,1	19,0	19,6	20,1	18,4	19,0	18,9	19,5	20,0
	12H	18,8	19,3	19,4	19,8	20,4	18,7	19,2	19,2	19,7	20,2
12H	4H	17,4	18,1	17,9	18,6	19,0	17,3	18,0	17,8	18,5	19,0
	6H	18,3	18,8	18,8	19,3	19,9	18,2	18,7	18,7	19,2	19,7
	8H	18,7	19,2	19,2	19,7	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 = 1204 B = 581
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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°		3494.4	3456.2	3419.0	3407.5	3398.5	3371.2	3342.2	
50°		2903.3	2767.4	2631.5	2735.5	2839.4	2691.5	2543.5	
55°		2433.2	2211.5	1989.9	2224.0	2458.1	2188.2	1918.3	
60°		2090.5	1830.2	1570.0	1865.0	2160.0	1858.8	1557.6	
65°		1928.3	1632.0	1335.7	1639.0	1942.3	1671.7	1401.2	
70°		1884.4	1634.8	1385.1	1588.0	1790.8	1633.1	1475.5	
75°		1800.9	1730.7	1656.9	1656.0	1655.0	1634.9	1614.8	
80°		1689.0	1707.8	1726.6	1719.1	1711.6	1636.0	1566.2	
85°		1737.5	1594.7	1452.0	1663.8	1875.6	1684.2	1492.8	

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

