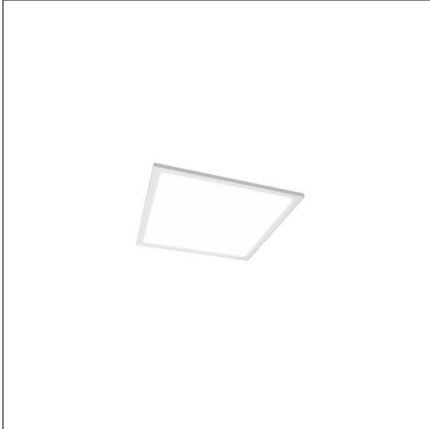


Lichttechnischer Prüfbefund

Familie
Apollon® 21

Bestell-Nr.: 51MQ13WD2414
EAN: 4058352928301

LP-Nummer
59545_1



Ausführung Einbauleuchte für Einlegemontage,
quadratisch, breit strahlend, UGR≤22

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 1800 lm
Systemleistung = 14.0 W
Lichtausbeute = 128.6 lm/W

Seriendokumentation
29.01.2024

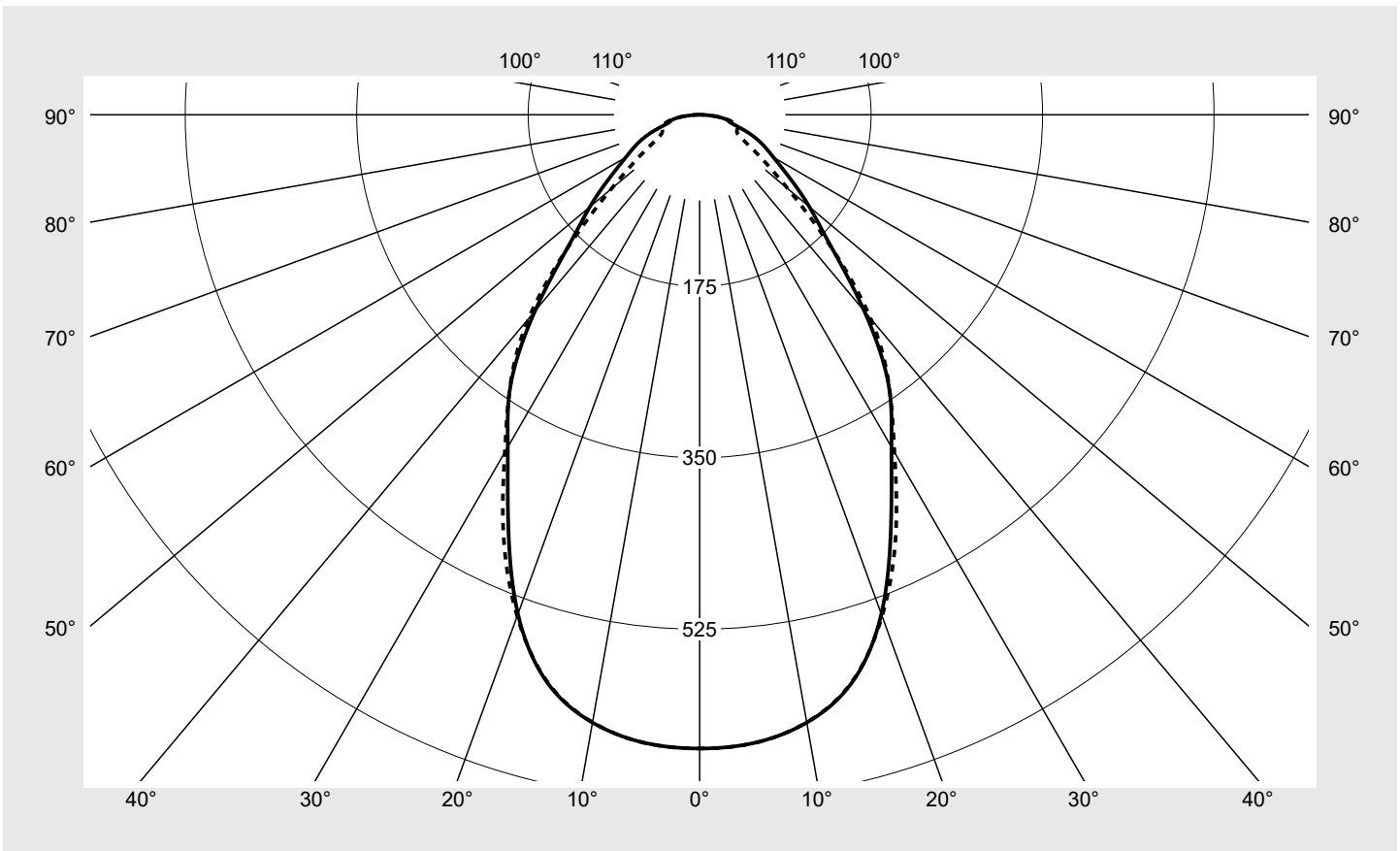
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 647 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=68 N2=89 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® 21	Bestell-Nr.: 51MQ13WD2414 EAN: 4058352928301	LP-Nummer 59545_1
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°	646.7	646.7	646.7	646.7	646.7	646.7	646.7	3.9	3.9
5°	643.4	643.2	643.1	643.1	643.0	643.3	643.5	30.7	34.6
10°	629.8	629.8	629.9	629.8	629.8	629.7	629.6	59.9	94.5
15°	600.1	600.6	600.8	600.2	599.7	599.7	599.5	85.1	179.7
20°	542.2	545.7	549.0	548.5	547.7	546.1	544.5	102.5	282.2
25°	462.1	466.6	471.2	478.0	484.5	479.1	473.6	109.9	392.1
30°	391.6	393.9	396.7	404.4	412.1	404.9	397.7	109.9	502.0
35°	336.2	333.9	331.5	337.3	343.0	340.0	337.0	106.0	608.0
40°	261.4	261.5	261.6	262.9	264.4	268.0	271.6	93.1	701.1
45°	189.2	185.4	181.7	185.7	189.6	188.5	187.3	72.3	773.4
50°	146.4	129.8	113.3	129.4	145.6	131.6	117.7	54.7	828.1
55°	111.9	91.9	71.9	93.0	114.1	95.3	76.5	41.9	870.0
60°	87.2	68.3	49.4	69.4	89.4	70.3	51.2	32.9	903.0
65°	70.2	55.8	41.4	57.5	73.5	57.8	42.0	28.3	931.3
70°	51.9	47.7	43.5	50.0	56.6	48.8	41.1	25.2	956.4
75°	33.7	36.1	38.5	39.3	39.9	38.9	37.9	20.2	976.6
80°	27.6	27.3	26.9	28.4	29.8	29.6	29.4	15.3	991.9
85°	13.4	13.0	12.6	13.8	15.0	15.1	15.2	7.6	999.5
90°	0.5	0.7	0.9	1.0	1.1	0.8	0.5	0.5	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® 21	Bestell-Nr.: 51MQ13WD2414 EAN: 4058352928301	LP-Nummer 59545_1
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	16,6	18,1	17,0	18,4	18,7	16,9	18,4	17,3	18,7	19,0
	3H	17,8	19,1	18,2	19,5	19,8	17,9	19,2	18,2	19,5	19,9
	4H	18,4	19,6	18,8	19,9	20,3	18,5	19,7	18,9	20,0	20,4
	6H	19,0	20,1	19,4	20,5	20,8	19,2	20,3	19,6	20,6	21,0
	8H	19,3	20,3	19,7	20,7	21,1	19,5	20,5	19,9	20,9	21,3
	12H	19,5	20,5	19,9	20,8	21,3	19,8	20,7	20,2	21,1	21,5
4H	2H	17,0	18,3	17,4	18,6	19,0	17,3	18,6	17,7	18,9	19,3
	3H	18,4	19,5	18,9	19,9	20,3	18,7	19,7	19,1	20,1	20,5
	4H	19,2	20,1	19,6	20,5	21,0	19,4	20,4	19,9	20,8	21,2
	6H	20,0	20,8	20,4	21,2	21,7	20,3	21,1	20,8	21,5	22,0
	8H	20,3	21,1	20,8	21,5	22,0	20,7	21,4	21,2	21,9	22,4
	12H	20,6	21,3	21,1	21,7	22,2	21,0	21,7	21,5	22,1	22,6
8H	4H	19,6	20,3	20,1	20,8	21,2	19,8	20,5	20,3	21,0	21,5
	6H	20,6	21,2	21,0	21,6	22,1	20,9	21,5	21,4	21,9	22,5
	8H	21,0	21,5	21,5	22,0	22,5	21,4	21,9	21,9	22,4	22,9
	12H	21,4	21,8	21,9	22,3	22,8	21,8	22,2	22,3	22,7	23,3
12H	4H	19,7	20,3	20,2	20,8	21,3	19,9	20,5	20,4	21,0	21,5
	6H	20,7	21,2	21,2	21,7	22,2	21,0	21,5	21,5	22,0	22,5
	8H	21,2	21,6	21,7	22,1	22,7	21,5	22,0	22,1	22,5	23,0

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 254 B = 254
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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°		7463.4	7317.2	7171.0	7326.6	7482.2	7437.1	7392.0	
50°		6352.3	5634.3	4916.3	5617.4	6318.5	5712.9	5107.1	
55°		5444.8	4471.5	3498.3	4524.1	5549.9	4636.2	3722.7	
60°		4863.1	3811.2	2759.3	3874.8	4990.2	3924.9	2859.5	
65°		4635.1	3684.1	2733.0	3793.2	4853.4	3814.1	2774.8	
70°		4232.7	3890.5	3548.3	4082.3	4616.4	3984.2	3352.0	
75°		3628.6	3889.6	4150.6	4232.1	4302.8	4191.5	4080.2	
80°		4441.2	4384.8	4328.6	4560.6	4792.8	4756.3	4715.7	
85°		4286.0	4147.1	4018.4	4405.5	4792.8	4822.6	4852.3	

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

