

Lichttechnischer Prüfbefund

Familie
Apollon® 21

Bestell-Nr.: 51MQ17W72414
EAN: 4058352928370

LP-Nummer
59548_36



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

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 7000 lm
Systemleistung = 39.8 W
Lichtausbeute = 175.9 lm/W

Seriendokumentation
29.01.2024

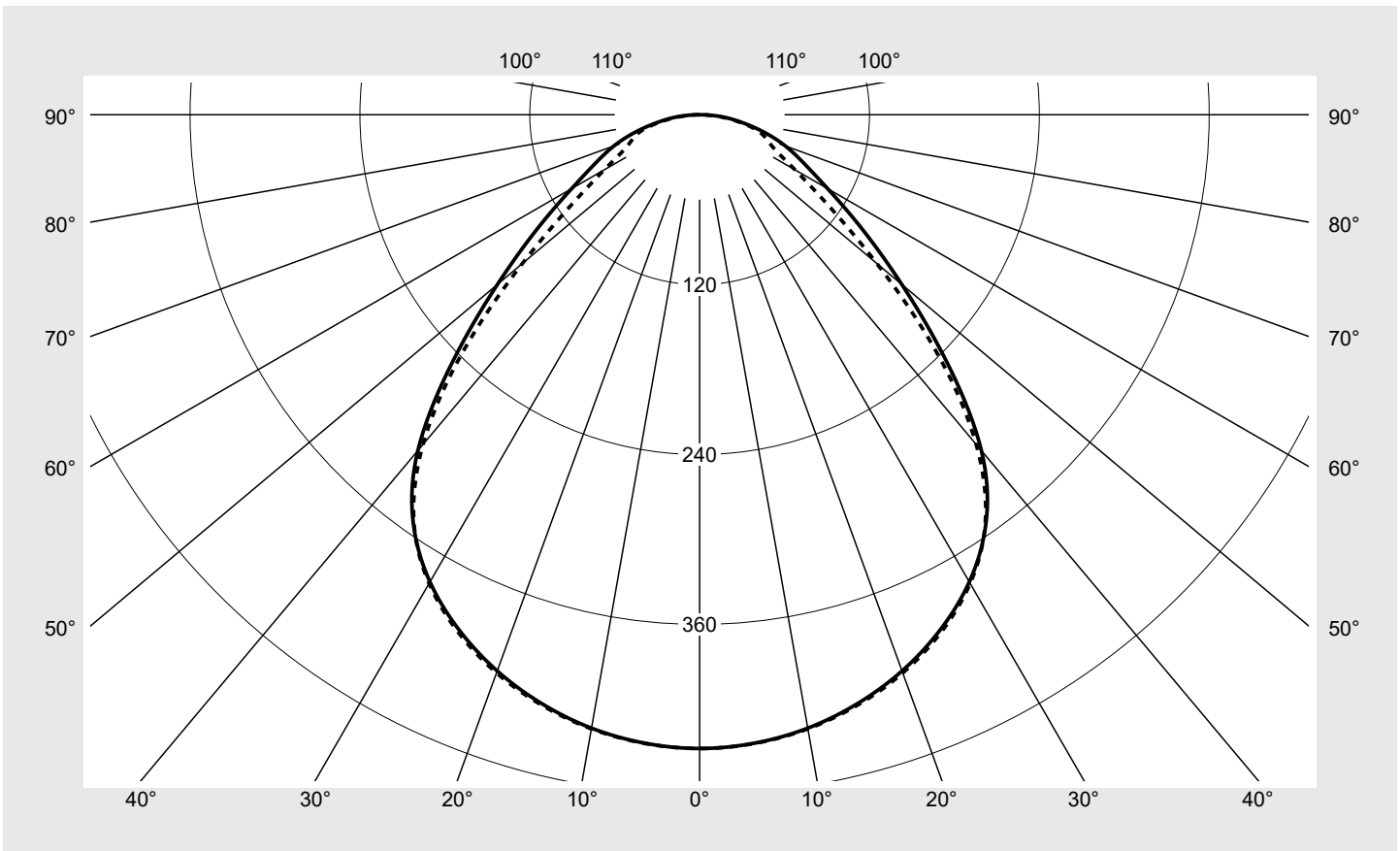
sitEco

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

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°	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	16,6	18,2	17,0	18,5	18,8	16,7	18,2	17,0	18,5	18,9
	3H	17,7	19,1	18,1	19,4	19,8	17,6	19,0	17,9	19,3	19,6
	4H	18,3	19,6	18,7	19,9	20,3	18,1	19,4	18,4	19,7	20,1
	6H	18,8	20,0	19,2	20,3	20,7	18,5	19,7	18,9	20,1	20,5
	8H	19,0	20,1	19,4	20,5	20,9	18,7	19,8	19,2	20,2	20,6
	12H	19,2	20,2	19,6	20,6	21,0	18,9	19,9	19,3	20,3	20,7
4H	2H	17,0	18,3	17,4	18,7	19,0	17,1	18,4	17,5	18,7	19,1
	3H	18,2	19,3	18,6	19,7	20,1	18,3	19,4	18,7	19,8	20,2
	4H	19,0	20,0	19,4	20,4	20,8	18,9	19,9	19,4	20,3	20,8
	6H	19,7	20,5	20,1	20,9	21,4	19,5	20,4	20,0	20,8	21,3
	8H	19,9	20,7	20,4	21,2	21,6	19,8	20,6	20,3	21,0	21,5
	12H	20,2	20,9	20,7	21,3	21,8	20,0	20,7	20,5	21,1	21,6
8H	4H	19,3	20,1	19,8	20,5	21,0	19,2	20,0	19,7	20,4	20,9
	6H	20,1	20,8	20,6	21,2	21,7	20,0	20,7	20,5	21,1	21,6
	8H	20,5	21,1	21,0	21,5	22,1	20,4	20,9	20,9	21,4	21,9
	12H	20,8	21,3	21,3	21,8	22,3	20,7	21,1	21,2	21,6	22,2
12H	4H	19,4	20,0	19,8	20,5	21,0	19,3	20,0	19,8	20,4	20,9
	6H	20,2	20,8	20,7	21,3	21,8	20,1	20,7	20,6	21,2	21,7
	8H	20,6	21,1	21,1	21,6	22,1	20,5	21,0	21,0	21,5	22,0

Leuchtdichten-Tabelle	Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm:	L = 1504 B = 266
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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°		6110.1	6043.3	5978.2	5958.2	5942.3	5894.6	5843.9	
50°		5076.5	4838.9	4601.3	4783.1	4964.8	4706.1	4447.4	
55°		4254.6	3867.0	3479.4	3888.7	4298.1	3826.1	3354.2	
60°		3655.2	3200.2	2745.2	3261.1	3776.9	3250.2	2723.6	
65°		3371.6	2853.5	2335.5	2865.9	3396.2	2923.1	2450.0	
70°		3295.0	2858.4	2421.9	2776.6	3131.3	2855.6	2579.9	
75°		3148.9	3026.2	2897.1	2895.6	2893.9	2858.7	2823.5	
80°		2953.3	2986.2	3019.0	3005.9	2992.8	2860.5	2738.6	
85°		3038.1	2788.3	2538.8	2909.2	3279.6	2944.9	2610.3	

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

