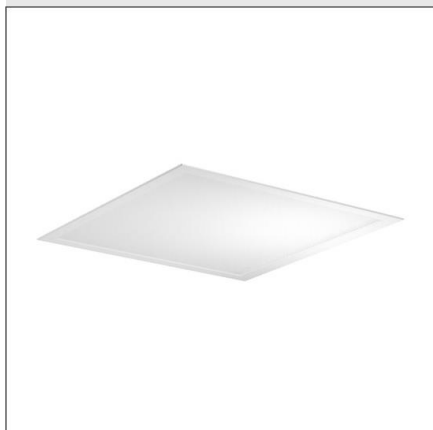


Lichttechnischer Prüfbefund

Familie
Apollon® 21

Bestell-Nr.: 51MQ11W72313
EAN: 4058352467091

LP-Nummer
59189_2



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

Bestückung LED 3000 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 4000 lm
Systemleistung = 33.0 W
Lichtausbeute = 121.2 lm/W

Seriendokumentation
30.07.2021

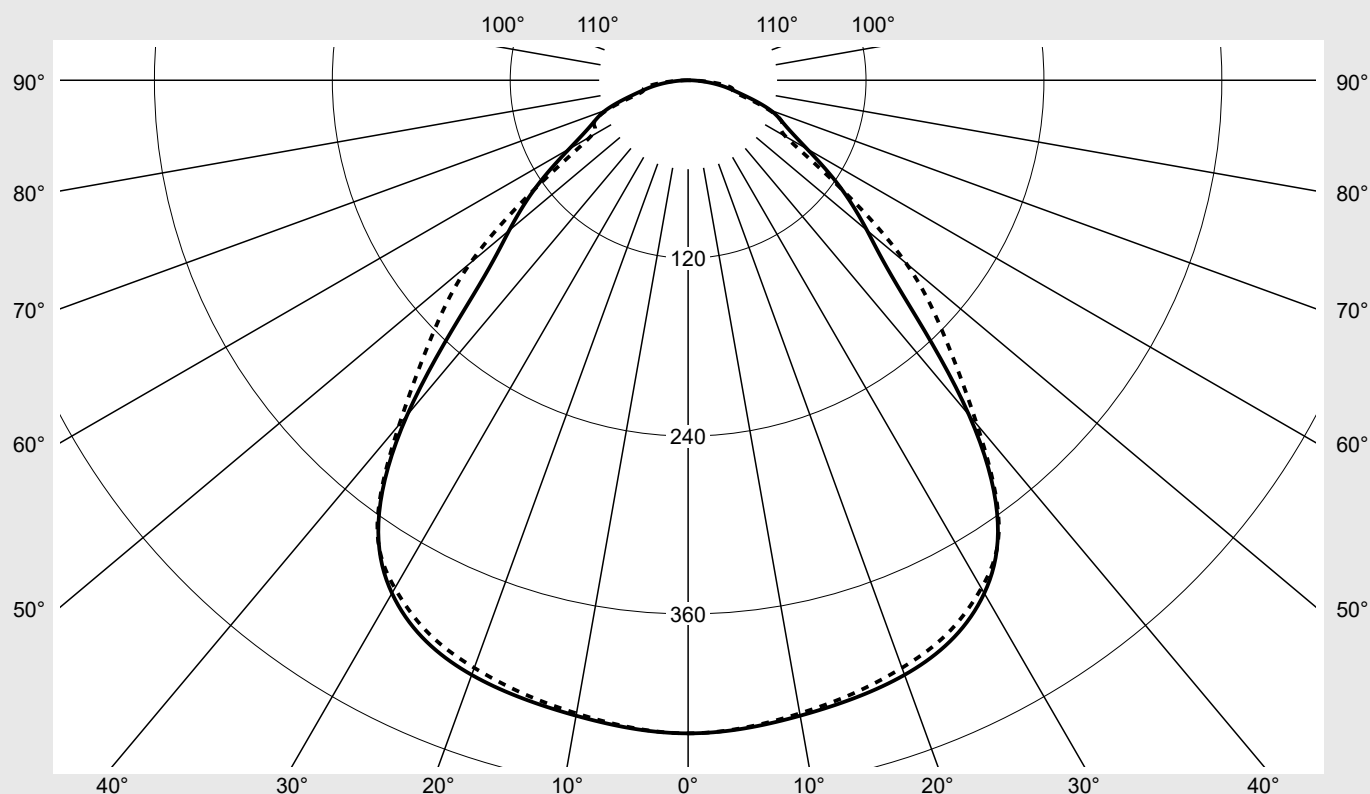
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 441 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

Familie Apollon® 21	Bestell-Nr.: 51MQ11W72313 EAN: 4058352467091	LP-Nummer 59189_2
-------------------------------	---	-----------------------------

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°			
Lichtstärke in cd/klm									
Lichtstrom in lm/klm									
γ									
0°	440.5	440.5	440.5	440.5	440.5	440.5	440.5	2.6	2.6
5°	438.8	438.8	438.6	438.5	438.5	438.3	438.3	21.0	23.6
10°	435.2	435.1	434.7	434.4	434.1	433.8	433.7	41.3	64.9
15°	431.6	431.4	430.4	429.9	429.6	429.0	428.4	61.0	125.9
20°	426.8	426.3	425.0	424.1	423.4	422.6	421.8	79.5	205.5
25°	417.7	417.7	416.7	414.8	413.3	412.5	412.4	96.1	301.6
30°	399.5	400.5	401.0	397.6	394.4	394.6	395.6	109.0	410.6
35°	364.2	367.4	370.3	365.2	360.1	362.1	365.4	114.8	525.4
40°	294.8	297.9	307.7	297.1	292.2	294.7	303.1	105.0	630.4
45°	205.1	222.7	247.3	222.6	200.5	217.8	244.8	86.3	716.7
50°	157.5	177.3	190.7	176.7	153.0	173.1	191.8	73.2	789.8
55°	124.7	136.0	121.5	132.7	125.1	133.7	122.3	57.8	847.6
60°	92.7	98.6	77.8	97.8	93.3	98.2	76.0	43.5	891.2
65°	72.5	74.6	71.4	73.3	71.5	72.7	70.1	36.0	927.2
70°	59.2	55.7	56.1	55.6	60.5	55.5	57.5	29.3	956.5
75°	38.8	40.1	34.7	40.4	39.9	39.1	33.8	20.3	976.8
80°	24.7	28.1	28.6	29.3	23.8	29.2	29.9	15.0	991.8
85°	11.2	14.7	15.9	14.6	10.8	15.0	16.0	7.7	999.5
90°	0.9	1.5	1.3	1.2	0.5	0.6	0.3	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.: 51MQ11W72313 EAN: 4058352467091	LP-Nummer 59189_2
-------------------------------	---	-----------------------------

UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	15,7	17,3	16,1	17,6	17,9	15,6	17,1	15,9	17,5	17,8
	3H	16,7	18,1	17,1	18,4	18,8	16,6	18,0	17,0	18,3	18,7
	4H	17,2	18,5	17,6	18,8	19,2	17,0	18,3	17,4	18,7	19,0
	6H	17,6	18,8	18,0	19,1	19,5	17,5	18,7	17,9	19,0	19,4
	8H	17,8	18,9	18,2	19,2	19,6	17,8	18,9	18,2	19,3	19,7
	12H	17,9	18,9	18,3	19,3	19,7	18,0	19,0	18,4	19,4	19,8
4H	2H	16,1	17,4	16,5	17,8	18,2	16,0	17,3	16,4	17,7	18,1
	3H	17,3	18,4	17,8	18,8	19,2	17,3	18,4	17,7	18,8	19,2
	4H	17,9	18,9	18,4	19,3	19,7	17,9	18,8	18,3	19,3	19,7
	6H	18,5	19,3	18,9	19,8	20,2	18,5	19,3	18,9	19,8	20,2
	8H	18,7	19,5	19,2	19,9	20,4	18,8	19,6	19,3	20,0	20,5
	12H	18,9	19,6	19,4	20,0	20,5	19,1	19,8	19,6	20,2	20,7
8H	4H	18,2	19,0	18,6	19,4	19,9	18,1	18,9	18,6	19,3	19,8
	6H	18,9	19,6	19,4	20,0	20,5	18,9	19,5	19,3	20,0	20,5
	8H	19,3	19,8	19,8	20,3	20,8	19,2	19,8	19,7	20,3	20,8
	12H	19,6	20,0	20,1	20,5	21,1	19,6	20,1	20,1	20,6	21,1
12H	4H	18,2	18,9	18,7	19,4	19,9	18,2	18,9	18,7	19,3	19,8
	6H	19,0	19,6	19,5	20,1	20,6	19,0	19,5	19,5	20,0	20,5
	8H	19,4	19,9	19,9	20,4	20,9	19,4	19,9	19,9	20,4	20,9

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 548 B = 548
--	--

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°		3863.8	4195.1	4657.8	4192.6	3776.6	4101.9	4610.8	
50°		3264.4	3674.6	3952.5	3661.3	3171.4	3587.2	3975.0	
55°		2894.7	3158.0	2820.9	3082.6	2904.2	3103.8	2840.5	
60°		2468.3	2627.6	2073.1	2605.5	2484.3	2616.1	2025.1	
65°		2284.4	2351.7	2251.3	2310.6	2252.9	2291.4	2210.9	
70°		2304.4	2168.2	2184.2	2165.9	2355.1	2162.3	2240.0	
75°		1997.1	2061.5	1787.8	2077.5	2051.2	2010.0	1739.8	
80°		1891.6	2153.7	2195.9	2251.2	1821.8	2238.2	2295.8	
85°		1714.6	2247.3	2426.4	2229.0	1647.2	2285.5	2449.4	

Lichttechnischer Prüfbefund

Familie
Apollon® 21

Bestell-Nr.: 51MQ11W72313
EAN: 4058352467091

LP-Nummer
59189_2

Leuchtdichten in cd/m²

γ 65°
γ 70°
γ 75°
γ 80°
γ 85°

