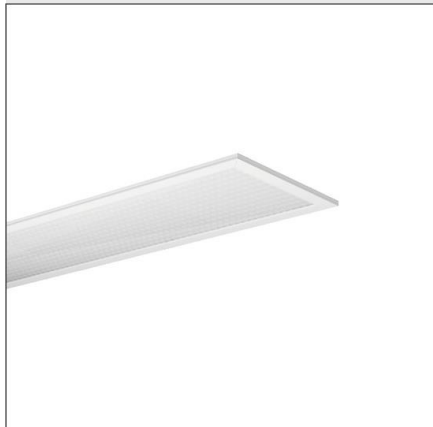


Lichttechnischer Prüfbefund

Familie
Apollon® 21

Bestell-Nr.: 51MQ14W72412
EAN: 4058352490488

LP-Nummer
59191_1



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

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG

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

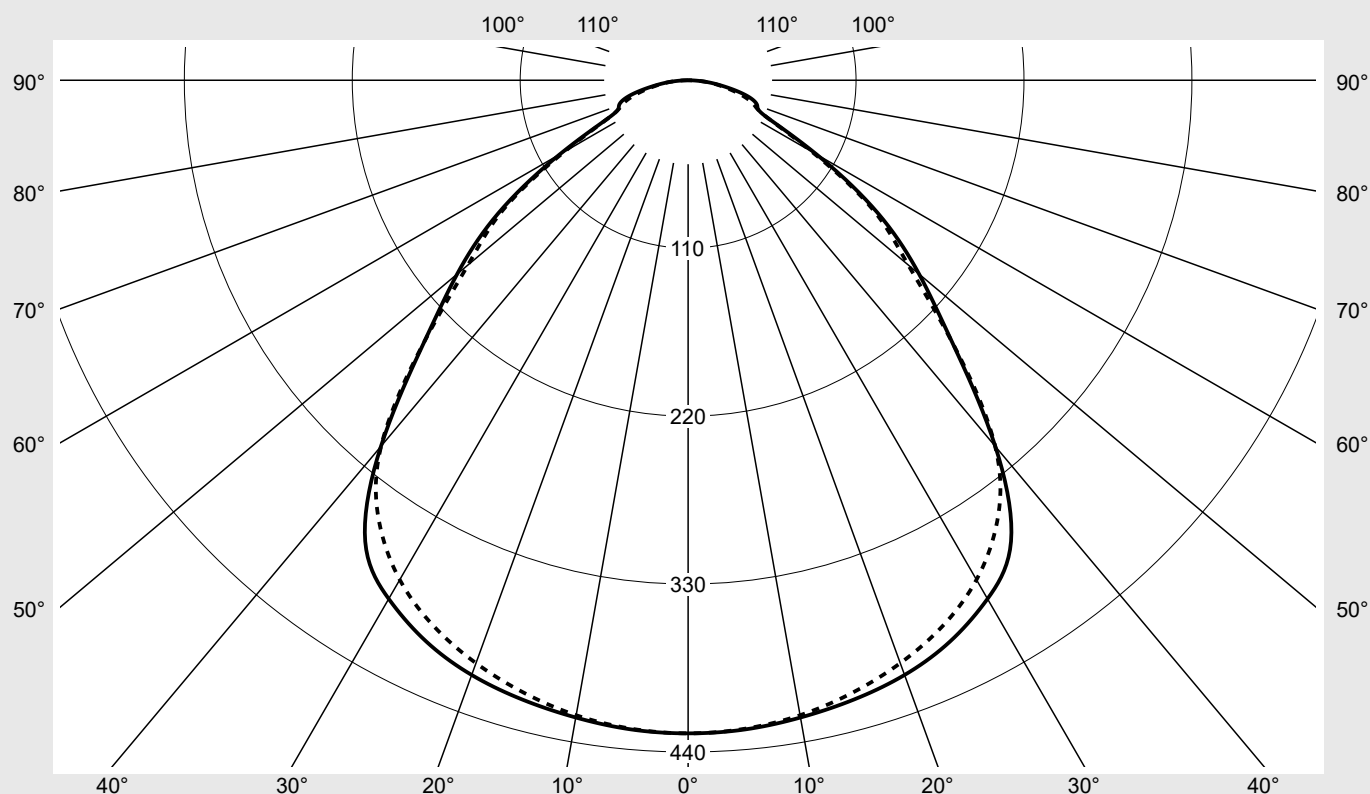
Seriendokumentation
30.07.2021

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Lichtstärke in cd/klm

C180-0 **C270-90**

Imax: 428 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=60 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

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke
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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°			
γ									
Lichtstärke in cd/klm									
Lichtstrom in lm/klm									
0°	427.8	427.8	427.8	427.8	427.8	427.8	427.8	2.6	2.6
5°	426.9	426.5	426.3	426.2	426.2	426.2	426.4	20.4	22.9
10°	423.9	423.6	423.1	422.4	422.1	422.1	422.3	40.2	63.2
15°	419.9	419.2	418.2	416.9	415.9	415.4	415.4	59.2	122.4
20°	414.5	413.1	411.3	409.1	407.6	406.7	406.3	76.8	199.2
25°	405.7	403.7	401.2	398.1	396.1	394.9	394.5	92.4	291.6
30°	392.2	389.6	386.3	382.2	379.9	378.4	377.8	105.1	396.7
35°	368.8	365.8	362.4	358.4	356.2	354.4	352.9	113.1	509.8
40°	313.0	312.4	311.9	311.7	314.0	314.4	312.9	110.2	620.1
45°	246.3	246.6	246.4	245.9	250.2	250.5	246.8	96.0	716.1
50°	197.5	194.2	190.7	189.5	193.4	193.0	188.2	80.7	796.8
55°	151.7	147.7	142.8	142.7	147.3	149.0	147.9	65.8	862.6
60°	97.2	96.7	96.1	95.4	94.8	94.1	93.5	45.3	907.9
65°	56.1	56.7	57.3	57.9	57.3	56.7	56.1	28.3	936.2
70°	48.2	47.8	47.4	48.0	47.4	46.5	45.6	24.4	960.6
75°	40.3	39.0	37.5	38.1	37.6	36.3	35.1	20.0	980.5
80°	24.7	23.9	22.9	23.4	26.1	25.7	22.3	13.1	993.6
85°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	6.2	999.8
90°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	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	16,0	17,5	16,3	17,8	18,2	15,9	17,5	16,3	17,8	18,1
	3H	16,5	17,9	16,9	18,3	18,6	16,5	17,9	16,9	18,2	18,6
	4H	17,0	18,3	17,4	18,6	19,0	16,8	18,1	17,2	18,5	18,9
	6H	17,4	18,6	17,8	18,9	19,3	17,2	18,4	17,6	18,7	19,1
	8H	17,6	18,6	18,0	19,0	19,4	17,4	18,5	17,8	18,8	19,2
	12H	17,7	18,7	18,1	19,1	19,5	17,5	18,5	17,9	18,9	19,3
4H	2H	16,3	17,6	16,6	17,9	18,3	16,2	17,5	16,6	17,9	18,2
	3H	17,0	18,1	17,5	18,5	18,9	17,0	18,1	17,4	18,5	18,9
	4H	17,6	18,6	18,1	19,0	19,4	17,5	18,5	17,9	18,9	19,3
	6H	18,1	19,0	18,6	19,4	19,9	18,0	18,9	18,5	19,3	19,8
	8H	18,3	19,1	18,8	19,6	20,0	18,2	19,0	18,7	19,4	19,9
	12H	18,5	19,2	19,0	19,6	20,1	18,4	19,1	18,9	19,5	20,0
8H	4H	17,9	18,6	18,3	19,1	19,5	17,7	18,5	18,2	19,0	19,4
	6H	18,5	19,1	19,0	19,6	20,1	18,4	19,1	18,9	19,5	20,0
	8H	18,7	19,3	19,2	19,8	20,3	18,7	19,3	19,2	19,8	20,3
	12H	19,0	19,5	19,5	20,0	20,5	19,0	19,4	19,5	19,9	20,5
12H	4H	17,9	18,6	18,4	19,0	19,5	17,8	18,5	18,3	18,9	19,4
	6H	18,6	19,1	19,1	19,6	20,1	18,5	19,0	19,0	19,5	20,0
	8H	18,9	19,3	19,4	19,8	20,4	18,8	19,3	19,3	19,8	20,3

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1198 B = 260
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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°		4472.8	4477.9	4475.4	4465.6	4544.5	4550.2	4482.4	
50°		3945.7	3879.7	3810.4	3785.5	3864.3	3856.0	3760.6	
55°		3395.9	3307.2	3198.1	3194.8	3297.9	3337.1	3312.3	
60°		2496.0	2483.9	2467.4	2451.0	2434.3	2417.9	2401.4	
65°		1703.5	1721.7	1739.9	1758.2	1739.9	1721.7	1703.5	
70°		1808.7	1795.7	1779.2	1801.3	1781.1	1744.6	1711.8	
75°		1998.3	1934.6	1860.9	1889.9	1866.1	1799.4	1742.1	
80°		1825.9	1763.8	1696.9	1729.4	1930.4	1904.2	1650.6	
85°		1676.0	1682.7	1681.2	1679.7	1678.3	1676.8	1675.3	

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

