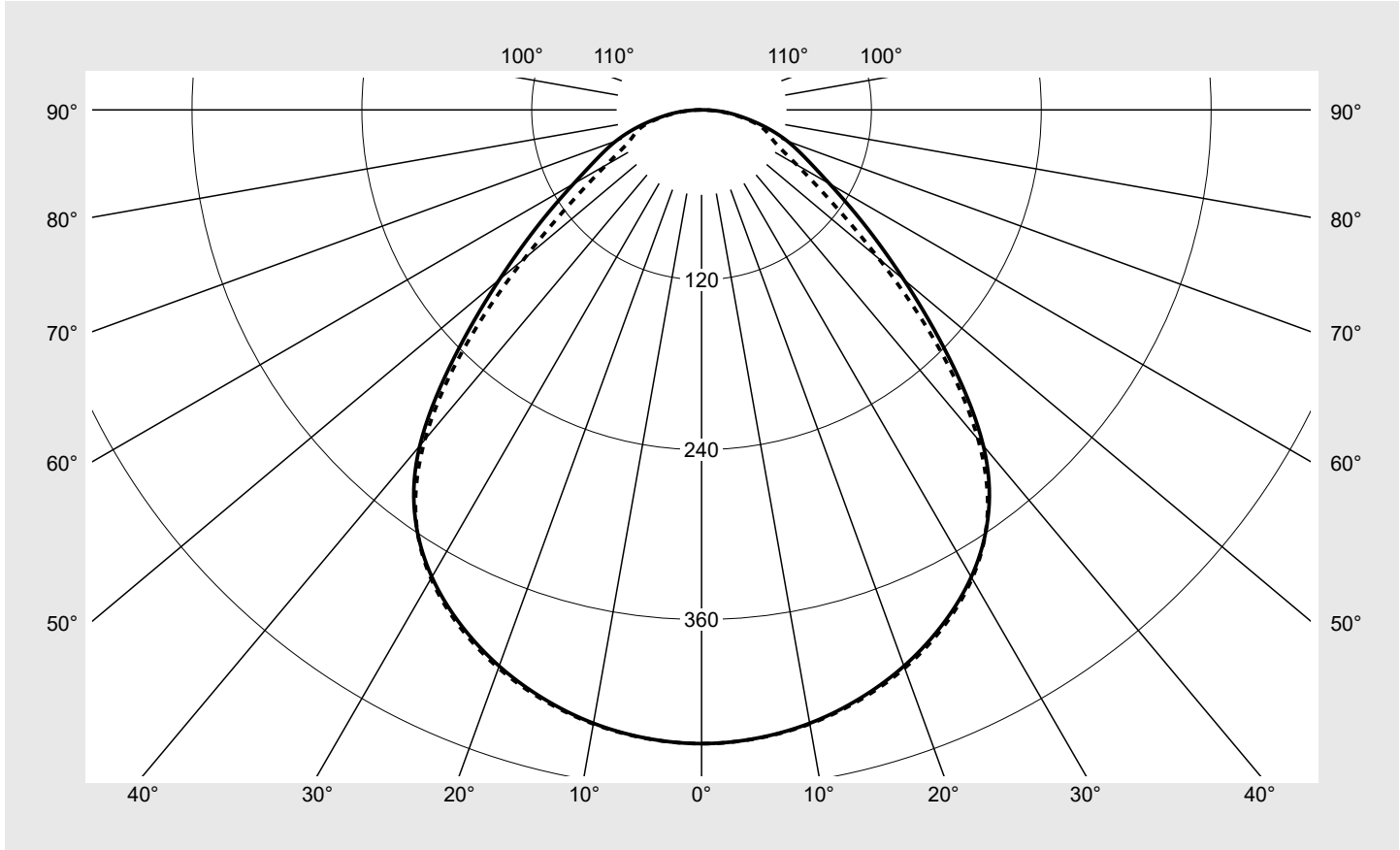


Lichttechnischer Prüfbefund

Familie Apollon® 21 	Bestell-Nr.: 51MQ14WM2414 EAN: 4058352959817	LP-Nummer 59548_35
	Ausführung Einbauleuchte für Einlegemontage, Langfeld, breit strahlend, UGR≤19 (L65≤3000cd/m²) Bestückung LED 4000 K CRI ≥ 80 Betriebsgerät EVG-Multilumen Einstellung Werkseinstellung: DIP-Stufe=5 Bemessungswerte Nettolichtstrom = 4390 lm Systemleistung = 25.3 W Lichtausbeute = 173.5 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

Lichttechnischer Prüfbefund

Familie Apollon® 21	Bestell-Nr.: 51MQ14WM2414 EAN: 4058352959817	LP-Nummer 59548_35
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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°			
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

Lichttechnischer Prüfbefund

Familie Apollon® 21	Bestell-Nr.: 51MQ14WM2414 EAN: 4058352959817	LP-Nummer 59548_35
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	15,8	17,4	16,2	17,7	18,0	15,9	17,4	16,2	17,7	18,0
	3H	16,9	18,3	17,2	18,6	19,0	16,7	18,1	17,1	18,5	18,8
	4H	17,5	18,8	17,9	19,1	19,5	17,2	18,5	17,6	18,9	19,3
	6H	18,0	19,2	18,4	19,5	19,9	17,7	18,9	18,1	19,3	19,7
	8H	18,2	19,3	18,6	19,7	20,1	17,9	19,0	18,3	19,4	19,8
	12H	18,4	19,4	18,8	19,8	20,2	18,1	19,1	18,5	19,5	19,9
4H	2H	16,2	17,5	16,6	17,9	18,2	16,3	17,6	16,7	17,9	18,3
	3H	17,4	18,5	17,8	18,9	19,3	17,5	18,6	17,9	19,0	19,4
	4H	18,2	19,2	18,6	19,6	20,0	18,1	19,1	18,6	19,5	19,9
	6H	18,8	19,7	19,3	20,1	20,6	18,7	19,6	19,2	20,0	20,5
	8H	19,1	19,9	19,6	20,3	20,8	19,0	19,8	19,4	20,2	20,7
	12H	19,4	20,0	19,8	20,5	21,0	19,2	19,9	19,7	20,3	20,8
8H	4H	18,5	19,3	18,9	19,7	20,2	18,4	19,2	18,9	19,6	20,1
	6H	19,3	20,0	19,8	20,4	20,9	19,2	19,8	19,7	20,3	20,8
	8H	19,7	20,2	20,2	20,7	21,2	19,5	20,1	20,0	20,6	21,1
	12H	20,0	20,5	20,5	21,0	21,5	19,9	20,3	20,4	20,8	21,4
12H	4H	18,5	19,2	19,0	19,7	20,2	18,5	19,2	19,0	19,6	20,1
	6H	19,4	20,0	19,9	20,5	21,0	19,3	19,9	19,8	20,3	20,9
	8H	19,8	20,3	20,3	20,8	21,3	19,7	20,2	20,2	20,7	21,2

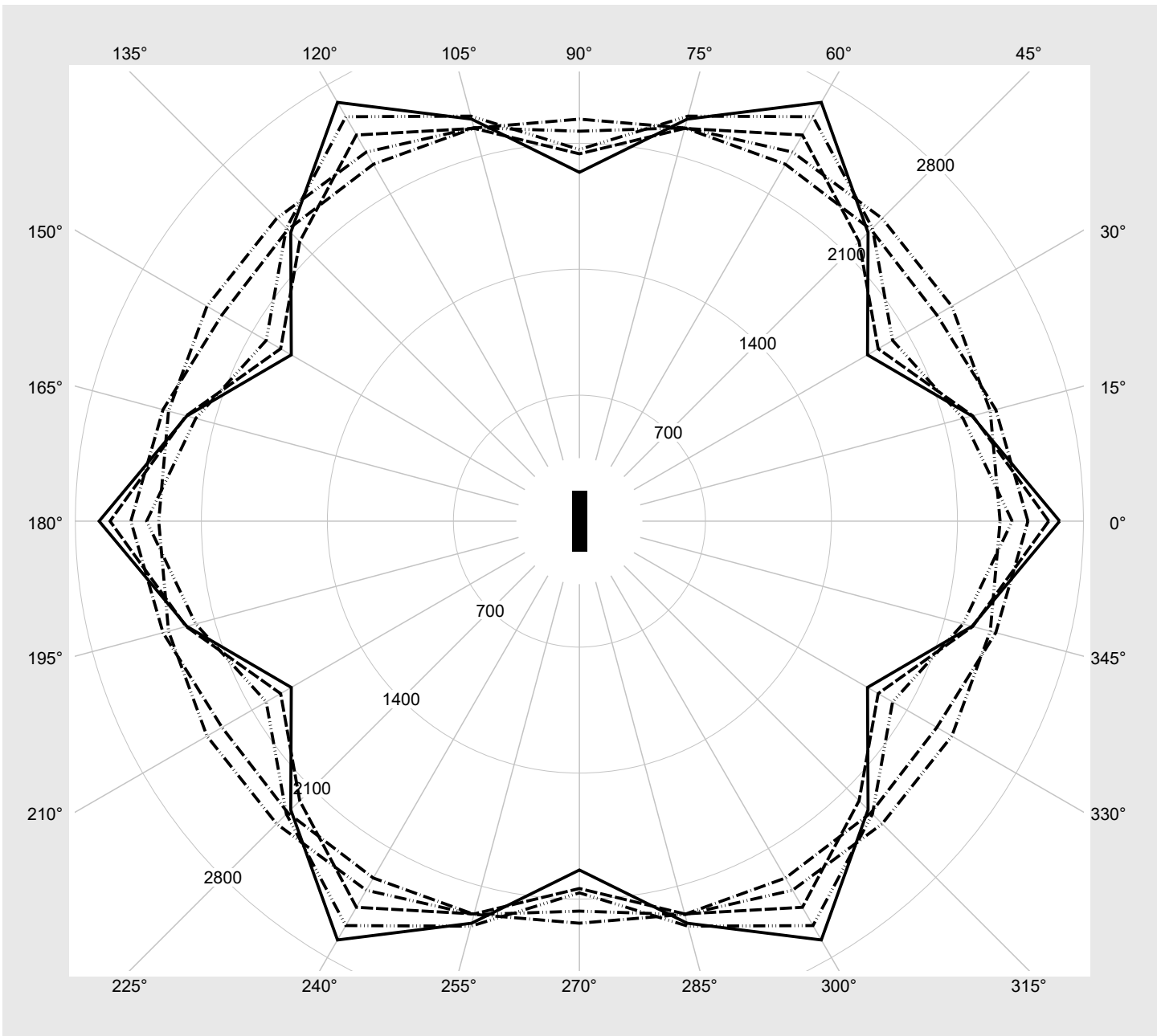
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1201 B = 264
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C-Ebenen	γ	Leuchtdichte in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		4835.0	4782.1	4730.7	4714.8	4702.3	4664.5	4624.4	
50°		4017.1	3829.1	3641.1	3784.9	3928.7	3724.0	3519.3	
55°		3366.7	3060.0	2753.3	3077.2	3401.1	3027.7	2654.2	
60°		2892.4	2532.4	2172.3	2580.5	2988.7	2572.0	2155.2	
65°		2668.0	2258.0	1848.1	2267.8	2687.5	2313.1	1938.7	
70°		2607.3	2261.9	1916.5	2197.2	2477.8	2259.7	2041.5	
75°		2491.7	2394.7	2292.5	2291.3	2290.0	2262.1	2234.3	
80°		2337.0	2363.0	2389.0	2378.6	2368.3	2263.6	2167.1	
85°		2404.1	2206.4	2009.0	2302.1	2595.2	2330.4	2065.5	

Lichttechnischer Prüfbefund

Familie Apollon® 21	Bestell-Nr.: 51MQ14WM2414 EAN: 4058352959817	LP-Nummer 59548_35
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Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Lichttechnischer Prüfbefund

Familie
Apollon® 21

Bestell-Nr.: 51MQ14WM2414
EAN: 4058352959817

LP-Nummer
59548_35

Multilumen-Tabelle

Umgebungstemperatur: 25°C

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DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
7	ON	ON	ON	5060	29.3
6	OFF	ON	ON	4730	27.3
5	ON	OFF	ON	4390	25.3
4	OFF	OFF	ON	4070	23.3
3	ON	ON	OFF	3710	21.4
2	OFF	ON	OFF	3350	19.5
1	ON	OFF	OFF	2990	17.5
0	OFF	OFF	OFF	2630	15.6