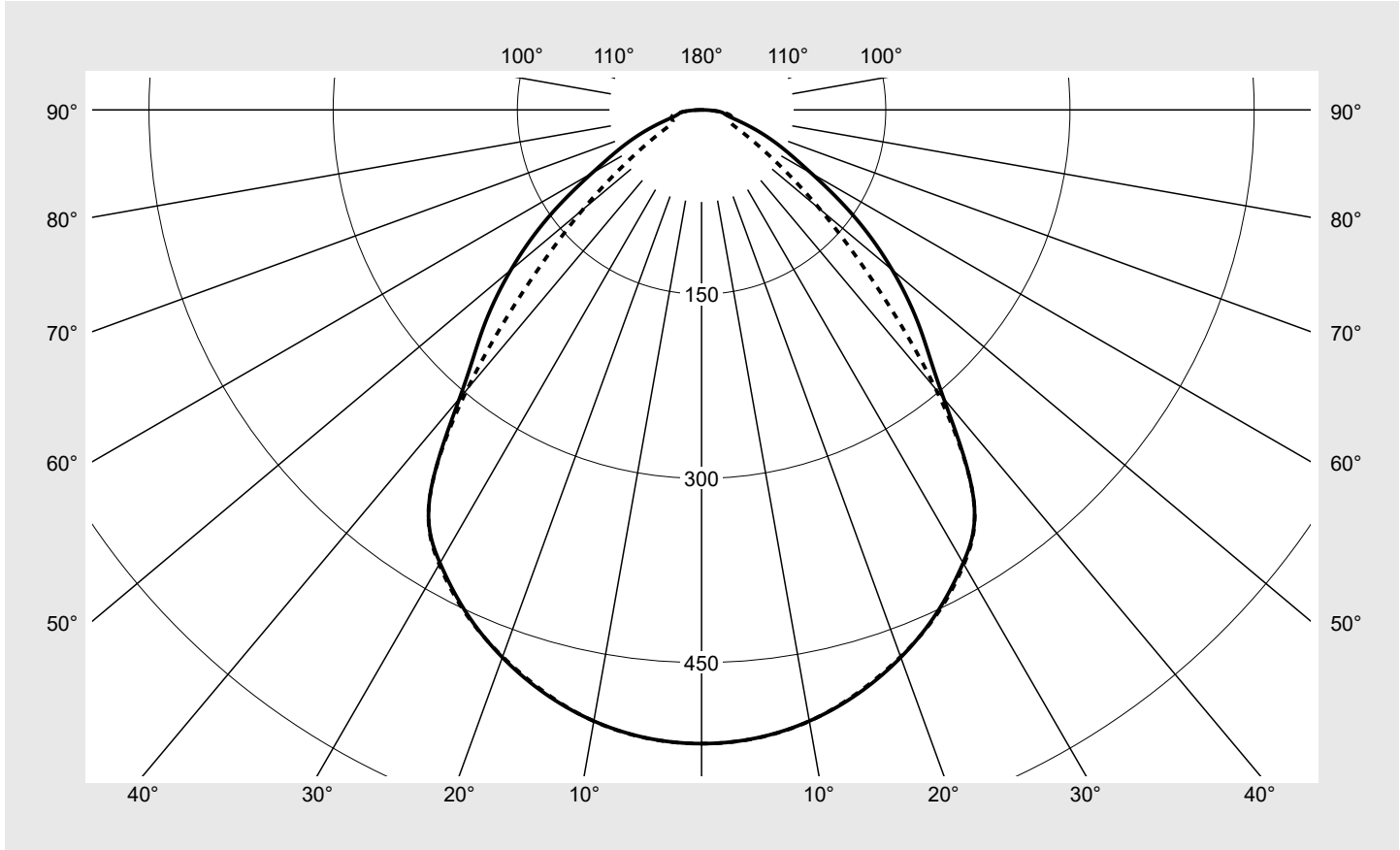


Photometric test report

Family Apollon® 21	Order number: 51MQ14HM2M15 EAN: 4069025330253	LP number 59818_174
	Version recessed luminaire for lay-in mounting, linear, wide distribution, UGR≤19, adjustable color temperature: 3000 K 4000 K	serial documentation 04.11.2025
	Lamps LED 4000 K CRI ≥ 80	
	Controlgear ECG Multilumen Setting factory setting: DIP-Step=7, colour temperature 4000K	Rated values Net luminous flux = 7100 lm Power consumption = 43.0 W Luminous efficacy = 165.1 lm/W



Luminous intensity in cd/klm **C180-0** **C270-90** **Imax: 516 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=66 N2=91 N3=97 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Apollon® 21	Order number: 51MQ14HM2M15 EAN: 4069025330253	LP number 59818_174
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes γ	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux in lm/klm	
0°	516.0	516.0	516.0	516.0	516.0	516.0	516.0	3.1	3.1
5°	513.4	513.4	513.6	513.4	513.9	513.6	513.5	24.5	27.6
10°	505.3	505.3	505.6	505.3	505.7	505.3	505.4	48.1	75.7
15°	492.1	492.0	492.0	491.8	492.0	491.7	491.3	69.8	145.5
20°	474.4	474.2	473.9	473.5	473.9	473.8	473.7	88.8	234.4
25°	452.4	452.9	452.9	451.7	452.0	452.8	453.3	104.8	339.2
30°	426.0	426.7	426.7	424.4	424.8	426.0	427.3	116.7	455.9
35°	386.2	386.6	387.0	382.5	382.5	384.2	386.1	121.0	576.9
40°	306.7	305.0	301.7	300.2	301.5	298.7	296.8	106.2	683.1
45°	251.7	228.7	212.0	224.1	237.2	214.4	198.2	86.7	769.8
50°	202.6	172.2	139.6	166.0	189.8	152.6	126.0	68.9	838.7
55°	152.2	114.4	83.4	112.2	145.8	97.1	74.5	49.9	888.5
60°	103.3	69.1	47.6	69.2	105.6	58.8	43.1	33.5	922.0
65°	71.5	44.6	28.0	45.9	71.7	40.4	27.2	23.2	945.2
70°	46.4	39.5	24.6	40.3	46.2	37.1	25.1	19.2	964.4
75°	26.4	35.4	24.1	35.0	24.6	35.6	25.0	15.9	980.3
80°	19.1	24.0	22.5	23.8	21.7	25.4	23.2	12.5	992.8
85°	13.5	12.5	12.3	12.2	14.2	13.2	12.9	7.1	999.8
90°	0.4	0.4	0.3	0.3	0.2	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

Photometric test report

Family Apollon® 21	Order number: 51MQ14HM2M15 EAN: 4069025330253	LP number 59818_174
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UGR-Table	Standard room	siteco
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	17.2	18.6	17.5	19.0	19.3	17.0	18.5	17.3	18.8	19.1
	3H	17.8	19.1	18.2	19.5	19.8	17.3	18.7	17.7	19.0	19.4
	4H	18.2	19.4	18.6	19.7	20.1	17.7	18.9	18.1	19.3	19.7
	6H	18.5	19.6	18.9	20.0	20.4	18.2	19.3	18.6	19.7	20.1
	8H	18.7	19.7	19.1	20.1	20.5	18.4	19.5	18.9	19.9	20.3
	12H	18.9	19.8	19.3	20.2	20.6	18.6	19.6	19.1	20.0	20.4
4H	2H	17.4	18.6	17.8	19.0	19.3	17.2	18.5	17.6	18.8	19.2
	3H	18.1	19.1	18.5	19.5	19.9	17.9	18.9	18.3	19.3	19.7
	4H	18.6	19.5	19.0	19.9	20.4	18.4	19.3	18.8	19.7	20.2
	6H	19.1	19.9	19.6	20.4	20.8	19.1	19.9	19.5	20.3	20.8
	8H	19.4	20.1	19.9	20.6	21.0	19.4	20.1	19.9	20.6	21.1
	12H	19.7	20.3	20.2	20.8	21.3	19.7	20.3	20.2	20.8	21.3
8H	4H	18.8	19.5	19.3	20.0	20.5	18.6	19.3	19.1	19.8	20.3
	6H	19.5	20.1	20.0	20.6	21.1	19.4	20.0	19.9	20.5	21.0
	8H	19.9	20.4	20.4	20.9	21.4	19.9	20.4	20.4	20.9	21.4
	12H	20.3	20.7	20.8	21.2	21.7	20.3	20.7	20.8	21.2	21.8
12H	4H	18.9	19.5	19.3	20.0	20.4	18.7	19.3	19.2	19.8	20.3
	6H	19.6	20.1	20.1	20.6	21.1	19.6	20.1	20.1	20.5	21.1
	8H	20.0	20.5	20.6	21.0	21.5	20.0	20.5	20.6	21.0	21.5

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1193
			B = 255

C-planes	γ	Luminance 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°		8309.2	7547.6	6997.8	7398.0	7829.9	7077.2	6542.7	
50°		7357.8	6253.7	5067.3	6025.6	6890.9	5541.6	4575.9	
55°		6194.4	4654.3	3394.3	4566.0	5930.6	3951.4	3032.8	
60°		4820.2	3223.5	2223.2	3230.8	4927.4	2745.3	2011.6	
65°		3949.9	2462.2	1544.4	2533.2	3957.3	2232.7	1503.5	
70°		3167.3	2696.2	1679.8	2747.1	3154.0	2531.4	1716.1	
75°		2380.9	3190.7	2176.8	3157.5	2215.6	3213.3	2255.7	
80°		2568.4	3231.4	3024.9	3204.0	2913.6	3408.2	3120.0	
85°		3607.8	3340.0	3305.2	3275.2	3793.4	3532.0	3467.0	

Photometric test report

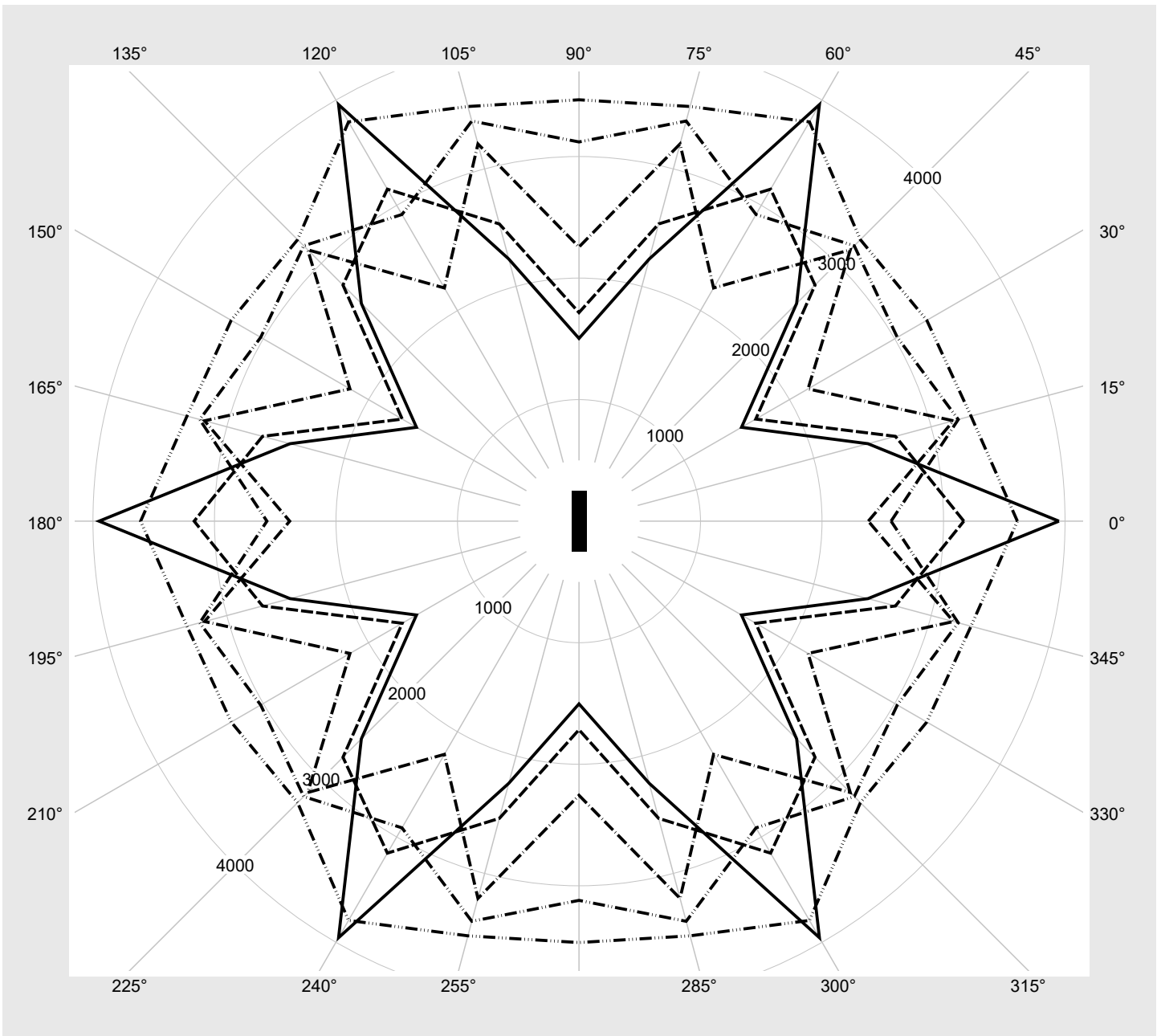
Family
Apollon® 21

Order number: 51MQ14HM2M15
EAN: 4069025330253

LP number
59818_174

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Apollon® 21	Order number: 51MQ14HM2M15 EAN: 4069025330253	LP number 59818_174
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Multilumen Table	environmental temperature: 25°C	sITeco
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DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
7	ON	ON	ON	7100	43.0
6	OFF	ON	ON	6820	41.1
5	ON	OFF	ON	6530	39.2
4	OFF	OFF	ON	6240	37.3
3	ON	ON	OFF	5800	34.5
2	OFF	ON	OFF	5490	32.5
1	ON	OFF	OFF	5180	30.5
0	OFF	OFF	OFF	4850	28.5