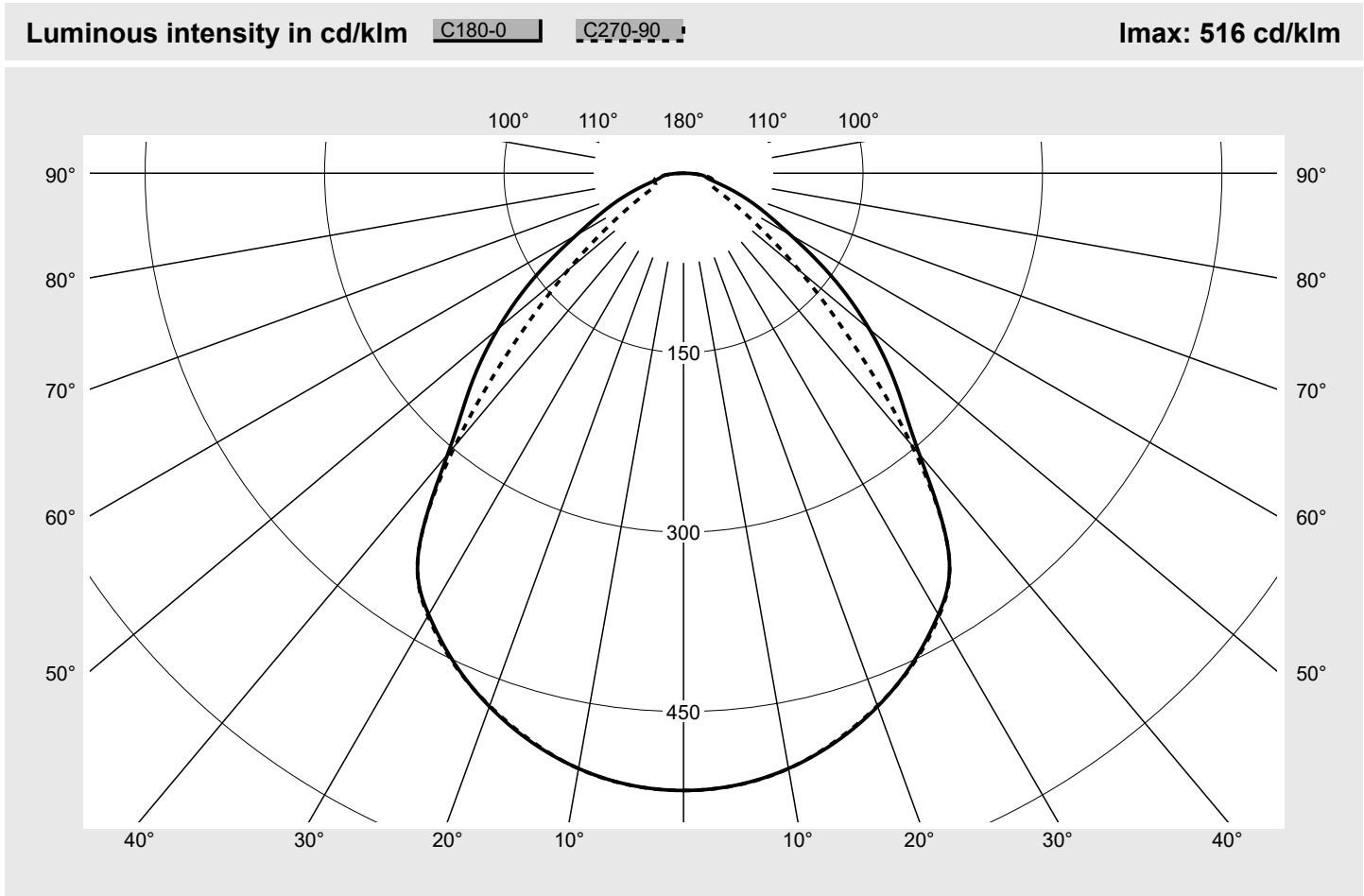


Photometric test report

Family Apollon® 21	Order number: 51MQ11WM2415 EAN: 4069025329820	LP number 59818_115
	Version	recessed luminaire for lay-in mounting, square M625, wide distribution, UGR≤19 (L65≤3000cd/m²)
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG Multilumen
	Setting	factory setting: DIP-Step=7
	Rated values	Net luminous flux = 5000 lm Power consumption = 28.0 W Luminous efficacy = 178.6 lm/W
		serial documentation 25.07.2025
		



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=66 N2=91 N3=97	ϕ_u	100.0%
	N4=100 N5=100	ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Apollon® 21	Order number: 51MQ11WM2415 EAN: 4069025329820	LP number 59818_115
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
γ	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: 51MQ11WM2415 EAN: 4069025329820							LP number 59818_115	
UGR-Table			Standard room							siteco	
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	15.9	17.4	16.2	17.7	18.0	15.7	17.2	16.1	17.5	17.8
	3H	16.5	17.9	16.9	18.2	18.6	16.1	17.4	16.5	17.7	18.1
	4H	16.9	18.1	17.3	18.5	18.9	16.4	17.7	16.8	18.0	18.4
	6H	17.2	18.4	17.6	18.7	19.1	16.9	18.0	17.3	18.4	18.8
	8H	17.4	18.4	17.8	18.8	19.2	17.2	18.2	17.6	18.6	19.0
	12H	17.6	18.6	18.0	19.0	19.4	17.4	18.3	17.8	18.7	19.1
4H	2H	16.1	17.3	16.5	17.7	18.1	16.0	17.2	16.4	17.6	17.9
	3H	16.8	17.8	17.2	18.2	18.6	16.6	17.7	17.1	18.1	18.5
	4H	17.3	18.2	17.8	18.7	19.1	17.1	18.1	17.6	18.5	18.9
	6H	17.9	18.7	18.3	19.1	19.6	17.8	18.6	18.3	19.0	19.5
	8H	18.1	18.9	18.6	19.3	19.8	18.1	18.9	18.6	19.3	19.8
	12H	18.4	19.0	18.9	19.5	20.0	18.4	19.1	18.9	19.5	20.0
8H	4H	17.5	18.3	18.0	18.7	19.2	17.3	18.1	17.8	18.5	19.0
	6H	18.3	18.9	18.7	19.3	19.8	18.2	18.8	18.7	19.2	19.8
	8H	18.6	19.2	19.1	19.6	20.2	18.6	19.1	19.1	19.6	20.2
	12H	19.0	19.4	19.5	19.9	20.5	19.0	19.5	19.5	20.0	20.5
12H	4H	17.6	18.2	18.1	18.7	19.2	17.4	18.0	17.9	18.5	19.0
	6H	18.4	18.9	18.9	19.4	19.9	18.3	18.8	18.8	19.3	19.8
	8H	18.8	19.2	19.3	19.7	20.3	18.8	19.2	19.3	19.7	20.3

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 555 B = 555	
C-planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
		Luminance in cd/m²					
γ							
45°	5779.2	5249.5	4867.1	5145.4	5445.8	4922.3	4550.6
50°	5117.4	4349.6	3524.4	4190.9	4792.7	3854.3	3182.6
55°	4308.3	3237.1	2360.8	3175.7	4124.8	2748.3	2109.4
60°	3352.5	2242.0	1546.3	2247.1	3427.1	1909.4	1399.1
65°	2747.2	1712.5	1074.2	1761.9	2752.4	1552.9	1045.7
70°	2202.9	1875.3	1168.3	1910.7	2193.6	1760.6	1193.6
75°	1655.9	2219.2	1514.0	2196.1	1541.0	2234.9	1568.9
80°	1786.4	2247.5	2103.8	2228.4	2026.4	2370.4	2170.0
85°	2509.3	2323.1	2298.8	2278.0	2638.4	2456.6	2411.3

Photometric test report

Family
Apollon® 21

Order number: 51MQ11WM2415
EAN: 4069025329820

LP number
59818_115

Luminance values in cd/m²

γ 65°

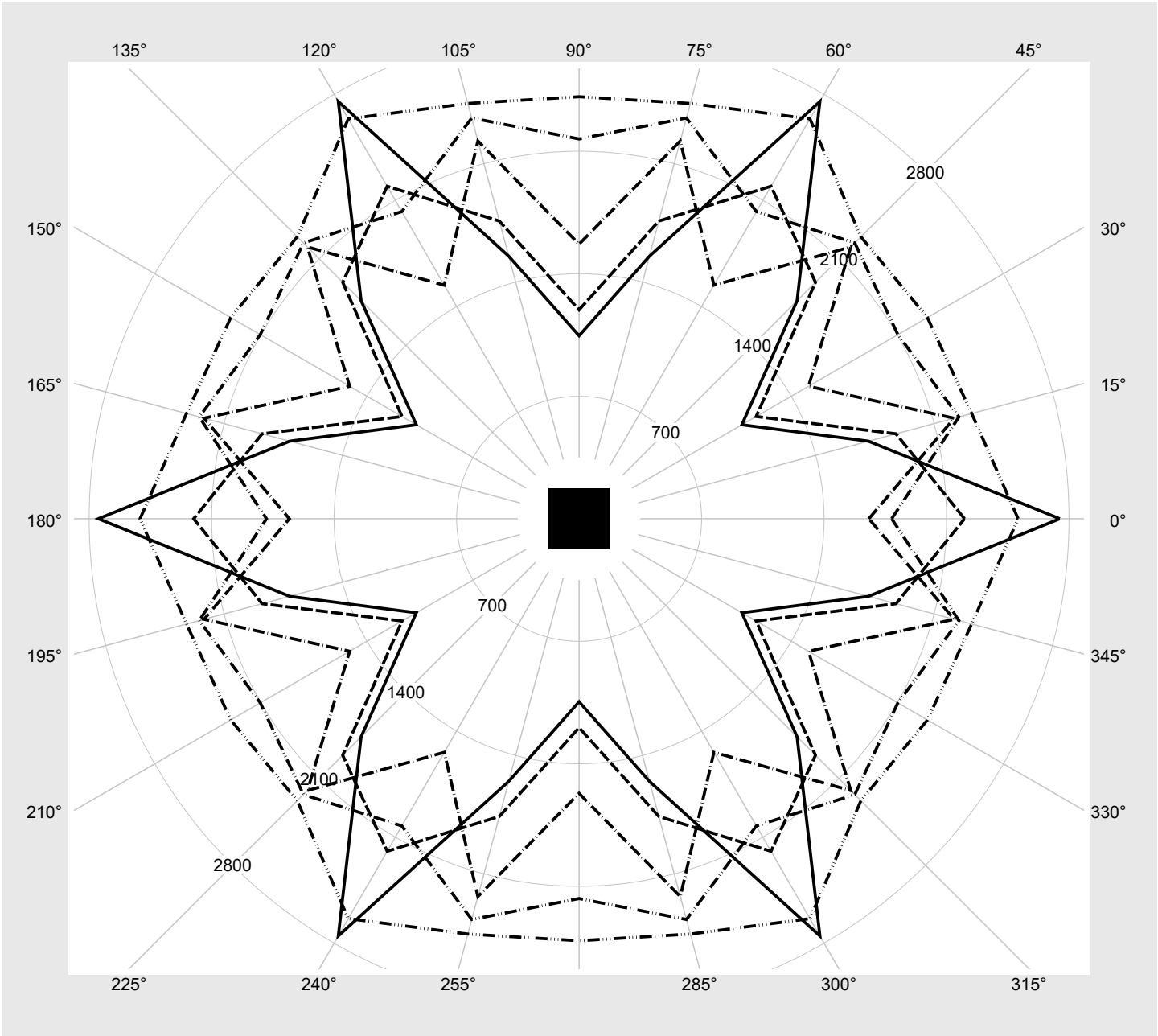
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Apollon® 21	Order number: 51MQ11WM2415 EAN: 4069025329820	LP number 59818_115
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
7	ON	ON	ON	5000	28.0
6	OFF	ON	ON	4630	25.9
5	ON	OFF	ON	4320	24.1
4	OFF	OFF	ON	4000	22.3
3	ON	ON	OFF	3610	20.0
2	OFF	ON	OFF	3270	18.1
1	ON	OFF	OFF	2920	16.2
0	OFF	OFF	OFF	2560	14.3