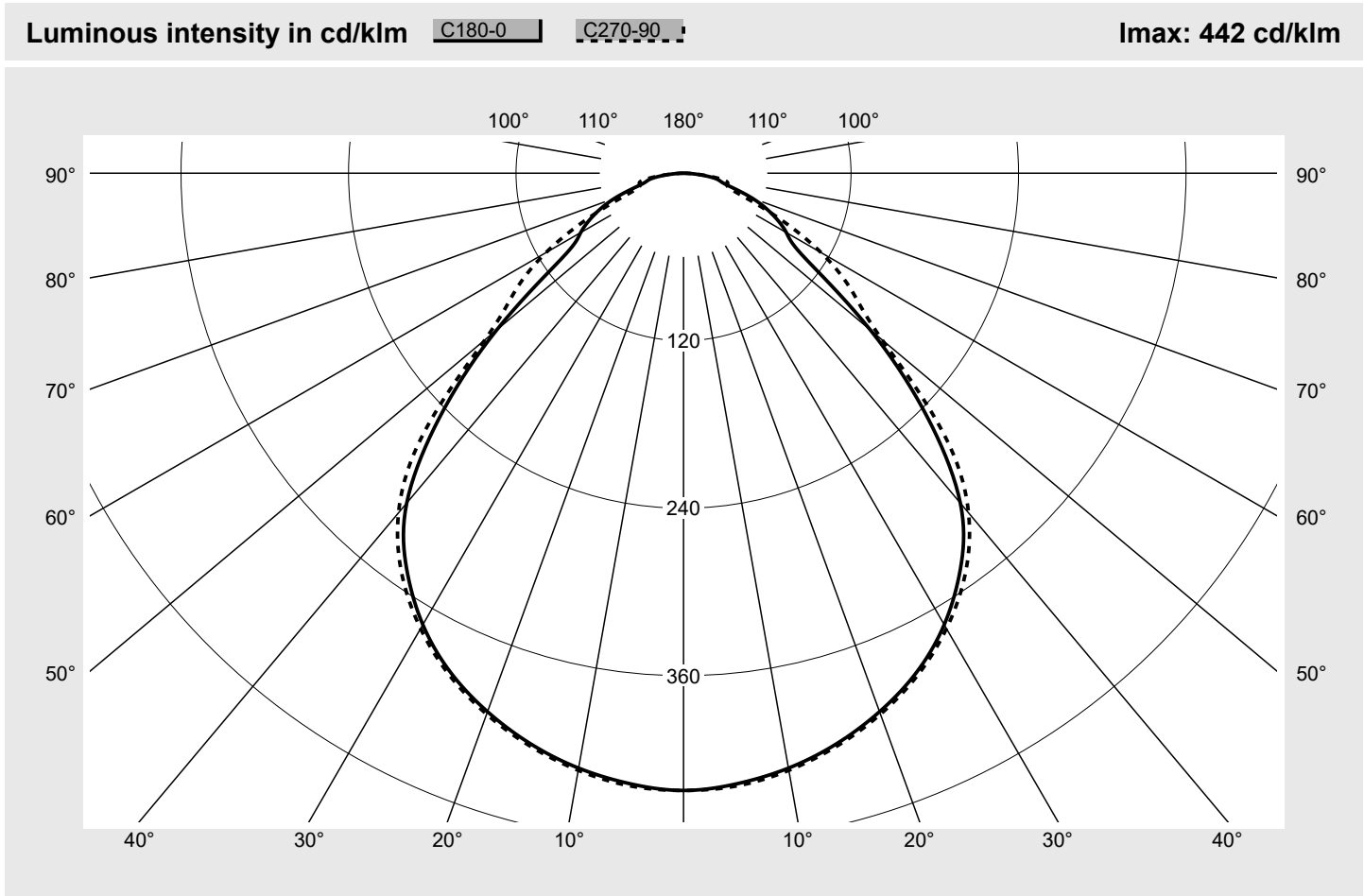


Photometric test report

Family Apollon® 21	Order number: 51MQ11HM2L55 EAN: 4069025336194	LP number 59879_2
Version	recessed luminaire for lay-in mounting, square M625, wide distribution, UGR≤19 (L65≤3000cd/m²), adjustable color temperature: 3000 K 4000 K	serial documentation 30.10.2025
Lamps	LED 3000 K CRI ≥ 90	
Controlgear	ECG Multilumen	
Setting	individual position: DIP-Step=9, colour temperature 3000K	
Rated values	Net luminous flux = 4950 lm Power consumption = 31.0 W Luminous efficacy = 159.7 lm/W	

siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=59 N2=87 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: 51MQ11HM2L55 EAN: 4069025336194	LP number 59879_2
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°	442.3	442.3	442.3	442.3	442.3	442.3	442.3	2.6	2.6
5°	439.1	439.5	440.0	440.2	440.5	440.5	440.7	21.0	23.7
10°	432.8	433.3	433.7	434.2	434.3	434.4	434.5	41.3	65.0
15°	423.3	423.6	424.0	424.3	424.5	424.7	424.9	60.2	125.2
20°	410.6	411.0	411.4	411.7	412.0	412.2	412.5	77.2	202.3
25°	394.7	395.1	395.4	395.8	396.1	396.5	396.9	91.7	294.0
30°	373.5	374.2	375.0	375.6	376.0	376.4	376.8	102.9	396.9
35°	345.9	347.0	348.2	349.1	350.1	350.8	351.6	109.7	506.6
40°	308.5	310.2	312.0	313.6	315.1	316.3	317.7	110.4	617.0
45°	246.9	250.2	253.9	256.8	259.4	261.1	263.2	99.3	716.3
50°	174.7	176.6	178.6	180.5	182.3	184.0	185.7	75.7	792.0
55°	106.6	116.0	127.0	134.7	140.6	143.2	147.5	59.0	851.0
60°	85.1	89.8	94.5	99.3	104.1	109.0	113.8	47.2	898.2
65°	70.6	72.1	73.5	74.9	74.3	73.7	73.1	36.5	934.7
70°	52.4	53.4	54.3	55.3	50.3	45.2	40.1	26.2	960.8
75°	31.6	34.9	38.1	41.4	38.4	35.4	32.4	19.4	980.2
80°	24.2	24.2	24.3	24.3	26.2	28.0	29.8	13.9	994.1
85°	10.7	10.3	9.9	9.6	10.4	11.2	12.1	5.7	999.8
90°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	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: 51MQ11HM2L55 EAN: 4069025336194							LP number 59879_2	
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	16.0	17.6	16.4	17.9	18.2	16.7	18.2	17.0	18.6	18.9
	3H	17.0	18.4	17.4	18.7	19.1	17.3	18.7	17.7	19.0	19.4
	4H	17.3	18.6	17.7	19.0	19.3	17.6	18.9	18.0	19.2	19.6
	6H	17.6	18.8	18.0	19.2	19.6	18.0	19.2	18.4	19.6	20.0
	8H	17.8	18.9	18.2	19.3	19.7	18.3	19.4	18.7	19.7	20.1
	12H	17.9	19.0	18.4	19.4	19.8	18.4	19.4	18.8	19.8	20.2
4H	2H	16.5	17.8	16.9	18.2	18.6	17.0	18.4	17.4	18.7	19.1
	3H	17.7	18.8	18.1	19.1	19.6	17.9	19.0	18.3	19.4	19.8
	4H	18.1	19.1	18.6	19.5	19.9	18.3	19.3	18.7	19.7	20.1
	6H	18.6	19.4	19.0	19.9	20.3	18.9	19.7	19.3	20.2	20.6
	8H	18.8	19.6	19.3	20.0	20.5	19.2	19.9	19.6	20.4	20.9
	12H	18.9	19.6	19.4	20.1	20.6	19.3	20.0	19.8	20.5	21.0
8H	4H	18.4	19.2	18.9	19.6	20.1	18.6	19.3	19.0	19.8	20.2
	6H	19.0	19.6	19.5	20.1	20.6	19.3	19.9	19.8	20.4	20.9
	8H	19.2	19.8	19.7	20.3	20.8	19.6	20.2	20.1	20.7	21.2
	12H	19.5	19.9	20.0	20.4	21.0	19.8	20.3	20.4	20.8	21.4
12H	4H	18.4	19.1	18.9	19.6	20.1	18.6	19.3	19.1	19.7	20.2
	6H	19.1	19.6	19.6	20.1	20.6	19.3	19.9	19.8	20.4	20.9
	8H	19.4	19.8	19.9	20.3	20.9	19.7	20.2	20.2	20.7	21.2

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 577 B = 577	
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°
γ	Luminance in cd/m²						
45°	5191.1	5260.8	5338.9	5400.3	5453.5	5490.0	5534.9
50°	4040.3	4085.0	4130.9	4174.3	4216.3	4255.7	4296.4
55°	2764.1	3006.3	3292.4	3490.7	3645.1	3711.8	3822.4
60°	2529.4	2670.6	2810.7	2952.8	3096.0	3241.1	3385.3
65°	2484.9	2535.5	2586.1	2636.7	2614.8	2592.9	2571.0
70°	2278.0	2320.1	2362.2	2404.3	2184.6	1964.9	1745.2
75°	1816.1	2002.6	2189.1	2375.6	2203.7	2031.8	1859.9
80°	2069.5	2073.5	2077.6	2081.6	2239.7	2397.7	2555.6
85°	1822.4	1759.5	1696.5	1633.8	1774.5	1915.4	2056.3

Photometric test report

Family
Apollon® 21

Order number: 51MQ11HM2L55
EAN: 4069025336194

LP number
59879_2

Luminance values in cd/m²

γ 65°

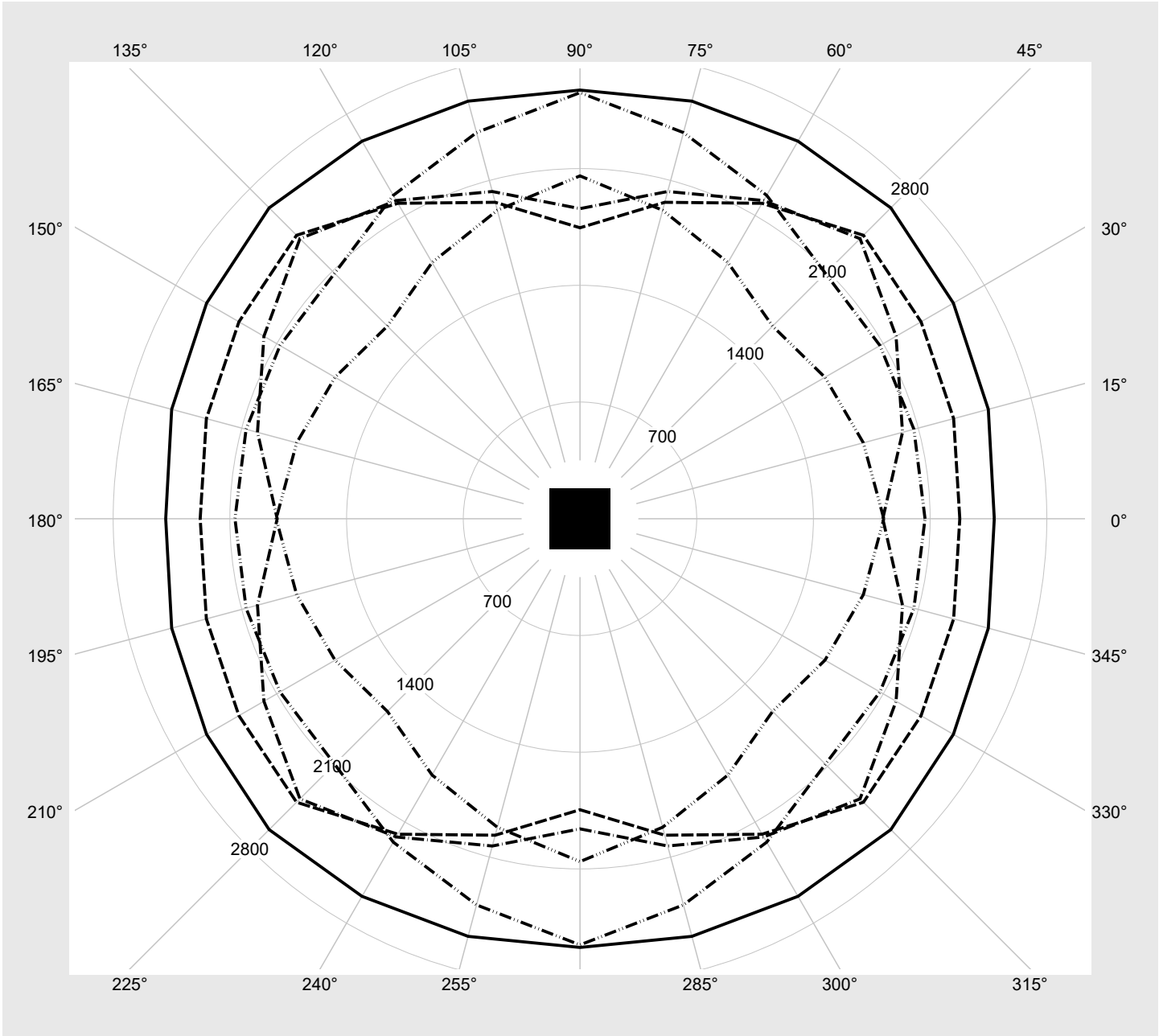
γ 70°

γ 75°

γ 80°

γ 85°

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Photometric test report

Family Apollon® 21	Order number: 51MQ11HM2L55 EAN: 4069025336194	LP number 59879_2
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting				Luminous flux [lm]	Power consumption [W]
	1	2	3	4		
15	ON	ON	ON	ON	6250	40.4
14	OFF	ON	ON	ON	5750	38.0
13	ON	OFF	ON	ON	5650	36.0
12	OFF	OFF	ON	ON	5370	34.0
10	OFF	ON	OFF	ON	5090	32.0
9	ON	OFF	OFF	ON	4950	31.0
8	OFF	OFF	OFF	ON	4650	29.0
6	OFF	ON	ON	OFF	4350	27.0
5	ON	OFF	ON	OFF	4040	25.0
4	OFF	OFF	ON	OFF	3720	23.0
2	OFF	ON	OFF	OFF	3400	21.0
1	ON	OFF	OFF	OFF	3090	19.0
0	OFF	OFF	OFF	OFF	2770	17.0