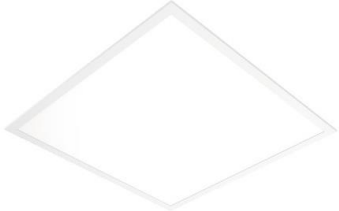
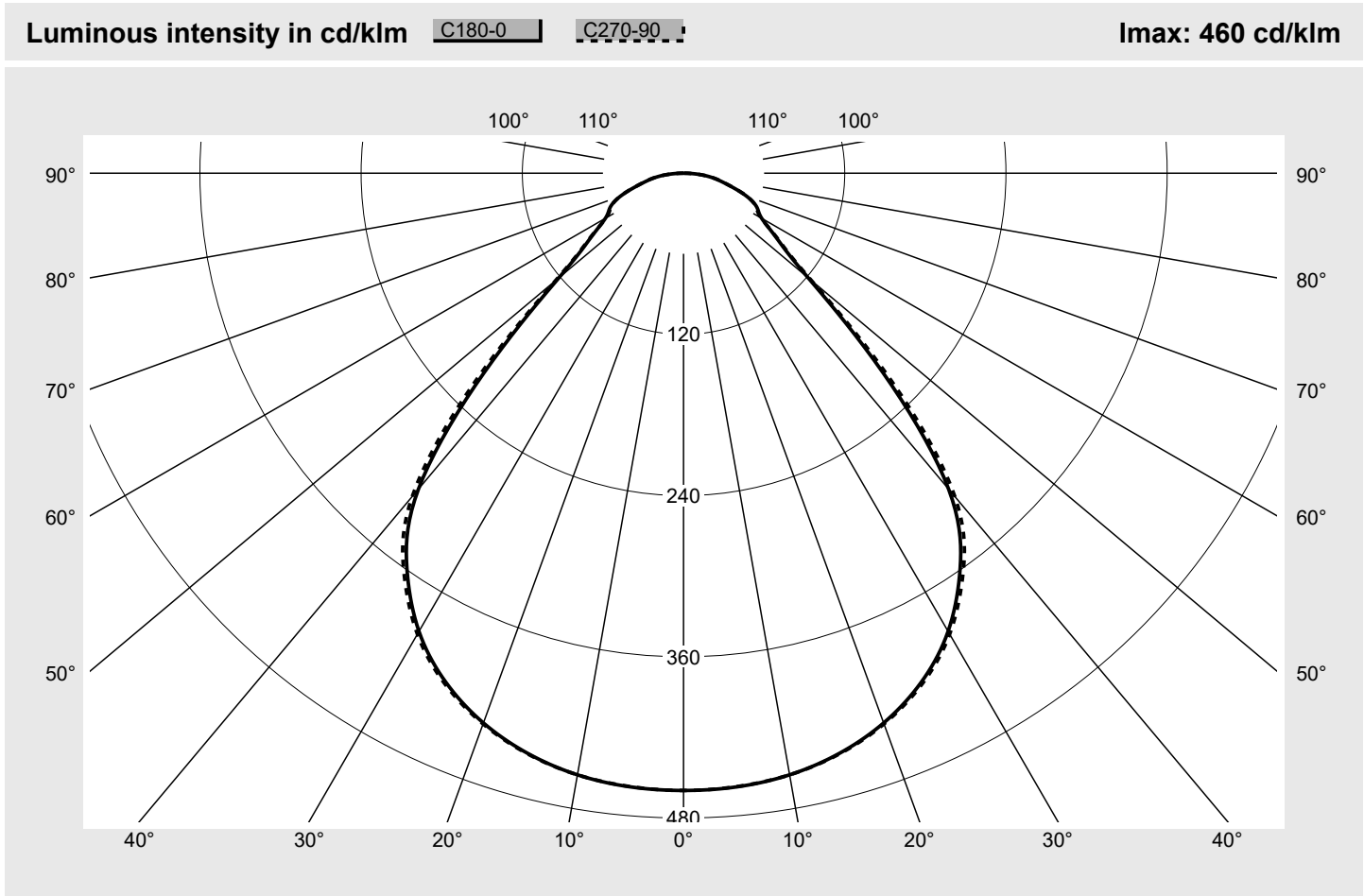


Photometric test report

Family Apollon® 41	Order number: 51MH11WM2443 EAN: 4069025171405	LP number 59525_24
	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=3
	Rated values	Net luminous flux = 4380 lm Power consumption = 35.0 W Luminous efficacy = 125.1 lm/W
		serial documentation 23.10.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=61 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® 41	Order number: 51MH11WM2443 EAN: 4069025171405	LP number 59525_24
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°	459.5	459.5	459.5	459.5	459.5	459.5	459.5	2.7	2.7
5°	458.5	458.6	458.6	458.5	458.4	458.4	458.3	21.9	24.7
10°	454.8	454.7	454.7	454.6	454.5	454.6	454.8	43.3	67.9
15°	447.3	447.2	447.2	447.1	447.1	447.4	447.7	63.4	131.4
20°	435.5	435.6	435.6	435.5	435.4	435.9	436.3	81.7	213.1
25°	418.3	418.2	418.1	417.9	417.9	418.8	419.8	96.9	310.0
30°	393.9	392.9	392.0	391.8	391.7	394.0	396.2	107.7	417.6
35°	359.0	358.1	357.3	357.0	356.7	359.8	362.9	112.7	530.3
40°	307.0	305.1	303.5	302.7	302.0	308.1	314.2	107.6	637.9
45°	209.9	219.5	229.2	228.5	227.9	223.6	219.4	86.8	724.7
50°	121.1	152.8	184.6	184.6	184.5	154.4	124.3	68.8	793.5
55°	85.1	114.1	143.1	142.6	142.1	114.1	86.2	55.5	849.0
60°	67.2	85.5	103.9	103.9	103.9	85.2	66.6	43.5	892.4
65°	60.3	67.1	74.0	73.7	73.5	66.6	59.7	34.4	926.8
70°	49.9	54.2	58.5	57.8	57.2	53.7	50.2	28.4	955.2
75°	35.1	40.7	46.3	45.7	45.1	40.2	35.4	22.4	977.6
80°	24.2	25.1	26.1	25.6	25.0	24.9	24.7	13.6	991.2
85°	13.0	14.1	15.3	15.2	15.1	14.0	12.9	7.9	999.1
90°	1.4	1.6	1.9	1.8	1.8	1.5	1.2	0.9	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

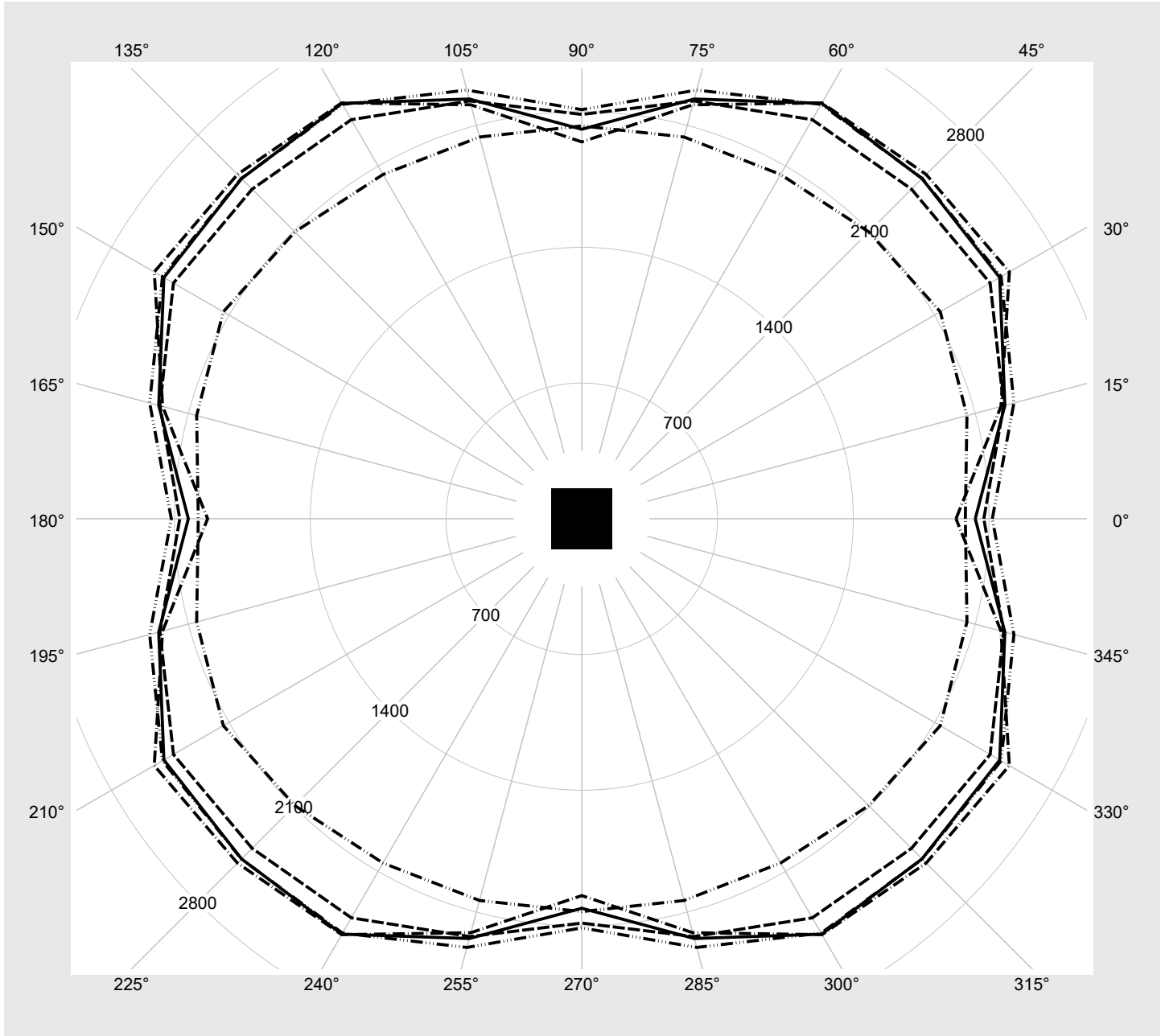
Family Apollon® 41		Order number: 51MH11WM2443 EAN: 4069025171405							LP number 59525_24	
UGR-Table		Standard room							siteco	
Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reflection factor of floor	0.2	0.2	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	15.6	17.1	15.9	17.5	17.8	15.6	17.2	16.0	17.5
	3H	16.5	17.9	16.9	18.2	18.6	16.5	17.9	16.9	18.2
	4H	17.0	18.3	17.4	18.6	19.0	17.0	18.3	17.4	18.6
	6H	17.4	18.6	17.8	18.9	19.3	17.4	18.6	17.8	18.9
	8H	17.6	18.7	18.0	19.1	19.5	17.6	18.7	18.0	19.1
	12H	17.7	18.8	18.2	19.1	19.6	17.7	18.8	18.2	19.2
4H	2H	16.1	17.4	16.5	17.8	18.2	16.2	17.5	16.6	17.8
	3H	17.4	18.4	17.8	18.8	19.2	17.3	18.4	17.8	18.8
	4H	18.0	19.0	18.4	19.4	19.8	18.0	18.9	18.4	19.4
	6H	18.5	19.4	19.0	19.8	20.3	18.5	19.3	18.9	19.8
	8H	18.7	19.5	19.2	20.0	20.4	18.7	19.5	19.2	19.9
	12H	18.9	19.6	19.4	20.1	20.6	18.9	19.6	19.4	20.1
8H	4H	18.3	19.1	18.8	19.6	20.0	18.3	19.1	18.8	19.5
	6H	19.0	19.6	19.5	20.1	20.6	19.0	19.6	19.4	20.1
	8H	19.3	19.9	19.8	20.4	20.9	19.3	19.8	19.8	20.3
	12H	19.6	20.1	20.1	20.6	21.1	19.6	20.0	20.1	20.5
12H	4H	18.4	19.1	18.9	19.5	20.0	18.4	19.0	18.8	19.5
	6H	19.1	19.6	19.6	20.1	20.6	19.0	19.6	19.6	20.1
	8H	19.4	19.9	19.9	20.4	21.0	19.4	19.9	19.9	20.4

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 555 B = 555	
C-planes	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°
			Luminance in cd/m²				
45° 50° 55° 60°	γ	4221.3	4414.9	4608.5	4595.6	4582.7	4497.3
		2677.9	3381.2	4084.5	4083.4	4082.3	3416.1
		2108.5	2827.7	3546.9	3534.6	3522.4	2829.2
		1910.3	2432.2	2954.0	2954.0	2954.0	2423.7
65° 70° 75° 80° 85°	γ	2028.8	2258.6	2488.3	2481.2	2474.0	2241.4
		2073.0	2252.2	2431.4	2404.1	2376.8	2231.1
		1929.5	2237.7	2545.8	2511.3	2476.9	2210.3
		1977.7	2056.1	2134.5	2092.5	2050.4	2038.3
		2116.7	2306.8	2496.9	2482.4	2467.8	2289.0

Photometric test report

Family Apollon® 41	Order number: 51MH11WM2443 EAN: 4069025171405	LP number 59525_24
Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°		

siteco



Photometric test report

Family Apollon® 41	Order number: 51MH11WM2443 EAN: 4069025171405	LP number 59525_24
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting		Luminous flux [lm]	Power consumption [W]
	1	2		
3	ON	ON	4380	35.0
2	ON	OFF	3710	28.5
1	OFF	ON	3060	23.0
0	OFF	OFF	2400	18.0