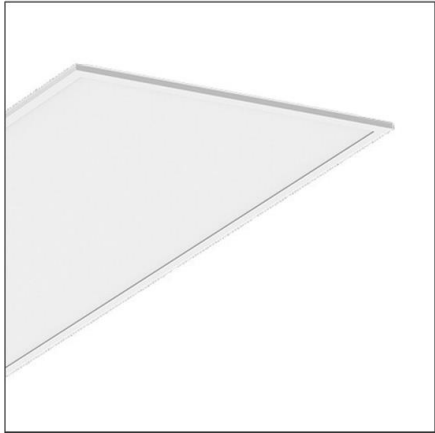
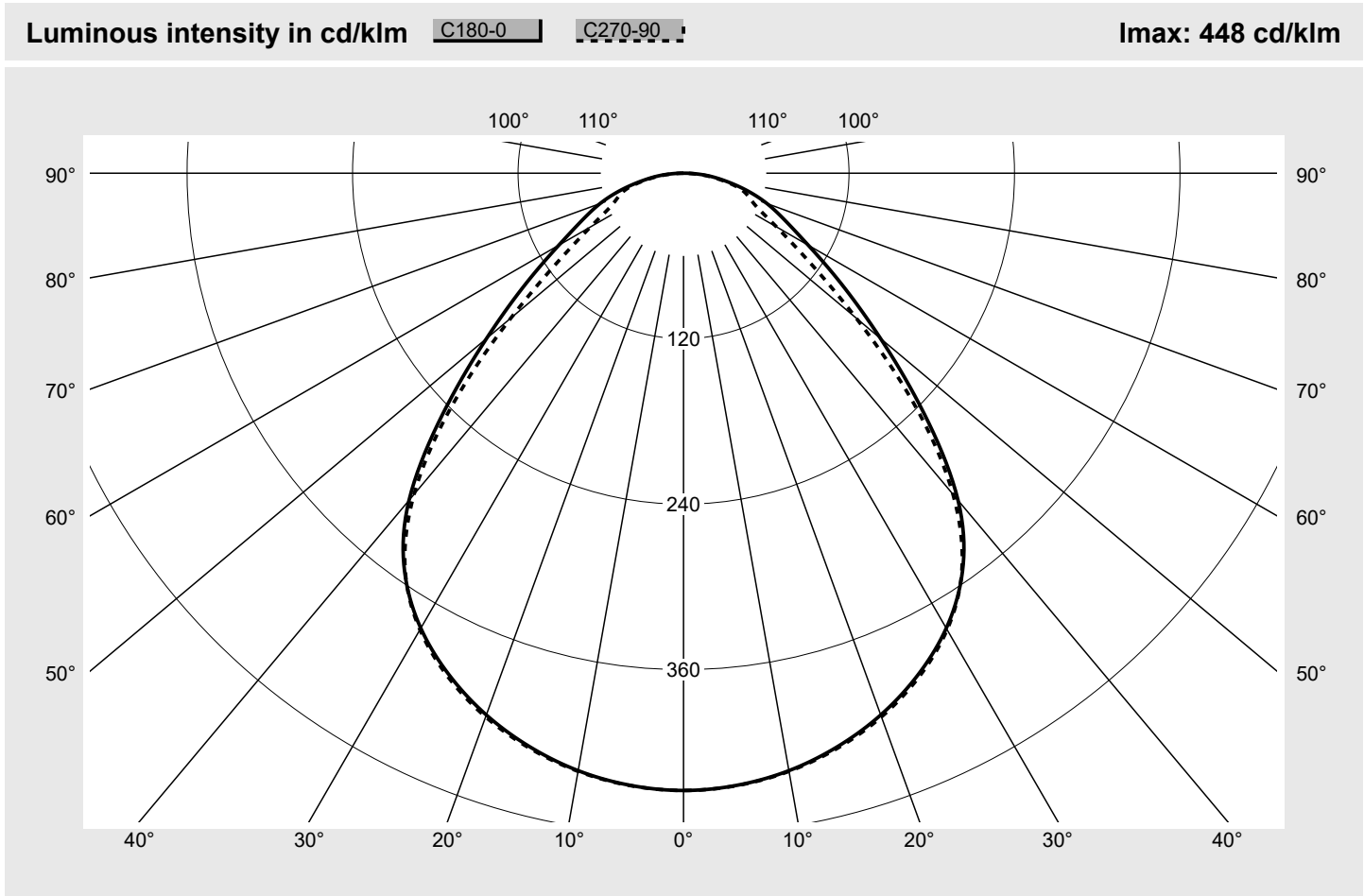


Photometric test report

Family Apollon® 21	Order number: 51MQ1AWD2M14 EAN: 4058352928479	LP number 59548_50
	Version	recessed luminaire for lay-in mounting, linear, wide distribution, adjustable color temperature: 3000 K 4000 K, UGR≤19 (L65≤3000cd/m²)
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Setting	factory setting
	Rated values	Net luminous flux = 7000 lm Power consumption = 44.5 W Luminous efficacy = 157.3 lm/W
		serial documentation 31.01.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=60 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: 51MQ1AWD2M14 EAN: 4058352928479	LP number 59548_50
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°	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

Photometric test report

Family Apollon® 21		Order number: 51MQ1AWD2M14 EAN: 4058352928479							LP number 59548_50	
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	15.0	16.6	15.4	16.9	17.2	15.0	16.6	15.4	16.9
	3H	16.0	17.4	16.4	17.8	18.1	15.9	17.3	16.3	17.7
	4H	16.6	17.9	17.0	18.3	18.7	16.4	17.7	16.8	18.1
	6H	17.1	18.3	17.6	18.7	19.1	16.9	18.1	17.3	18.5
	8H	17.4	18.5	17.8	18.9	19.3	17.1	18.2	17.5	18.6
	12H	17.5	18.6	18.0	19.0	19.4	17.2	18.3	17.7	18.7
4H	2H	15.4	16.7	15.8	17.0	17.4	15.5	16.8	15.9	17.1
	3H	16.6	17.7	17.0	18.1	18.5	16.6	17.7	17.1	18.1
	4H	17.4	18.3	17.8	18.7	19.2	17.3	18.3	17.7	18.7
	6H	18.0	18.9	18.5	19.3	19.8	17.9	18.8	18.4	19.2
	8H	18.3	19.1	18.8	19.5	20.0	18.2	18.9	18.6	19.4
	12H	18.5	19.2	19.0	19.7	20.2	18.4	19.1	18.9	19.5
8H	4H	17.7	18.4	18.1	18.9	19.4	17.6	18.4	18.1	18.8
	6H	18.5	19.1	19.0	19.6	20.1	18.4	19.0	18.9	19.5
	8H	18.9	19.4	19.3	19.9	20.4	18.7	19.3	19.2	19.8
	12H	19.2	19.6	19.7	20.1	20.7	19.0	19.5	19.5	20.0
12H	4H	17.7	18.4	18.2	18.9	19.4	17.7	18.3	18.1	18.8
	6H	18.6	19.2	19.1	19.6	20.2	18.5	19.0	19.0	19.5
	8H	19.0	19.5	19.5	20.0	20.5	18.9	19.4	19.4	19.9

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1154 B = 554	
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°				
65°	70°	75°	80°				
85°							

Photometric test report

Family Apollon® 21	Order number: 51MQ1AWD2M14 EAN: 4058352928479	LP number 59548_50
Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°		siteco

