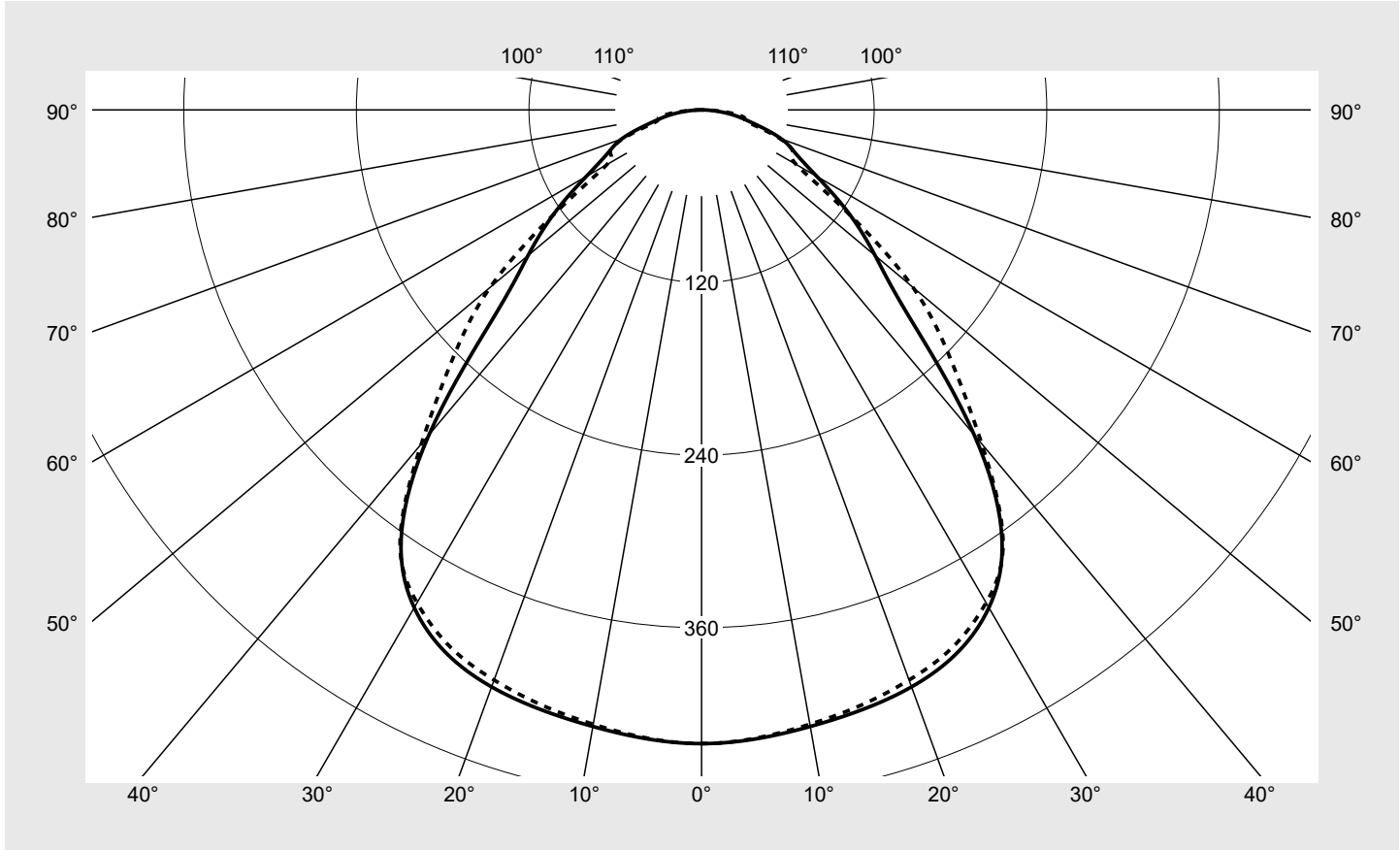


Photometric test report

Family Apollon® 21	Order number: 51MQ17WD2312 EAN: 4058352490723	LP number 59193_1
	Version recessed luminaire for lay-in mounting, linear, wide distribution Lamps LED 3000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 6900 lm Power consumption = 60.0 W Luminous efficacy = 115 lm/W	serial documentation 30.07.2021
		

Luminous intensity in cd/klm **C180-0** **C270-90** **Imax: 441 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=61 N2=87 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: 51MQ17WD2312 EAN: 4058352490723	LP number 59193_1
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°	440.5	440.5	440.5	440.5	440.5	440.5	440.5	2.6	2.6
5°	438.8	438.8	438.6	438.5	438.5	438.3	438.3	21.0	23.6
10°	435.2	435.1	434.7	434.4	434.1	433.8	433.7	41.3	64.9
15°	431.6	431.4	430.4	429.9	429.6	429.0	428.4	61.0	125.9
20°	426.8	426.3	425.0	424.1	423.4	422.6	421.8	79.5	205.5
25°	417.7	417.7	416.7	414.8	413.3	412.5	412.4	96.1	301.6
30°	399.5	400.5	401.0	397.6	394.4	394.6	395.6	109.0	410.6
35°	364.2	367.4	370.3	365.2	360.1	362.1	365.4	114.8	525.4
40°	294.8	297.9	307.7	297.1	292.2	294.7	303.1	105.0	630.4
45°	205.1	222.7	247.3	222.6	200.5	217.8	244.8	86.3	716.7
50°	157.5	177.3	190.7	176.7	153.0	173.1	191.8	73.2	789.8
55°	124.7	136.0	121.5	132.7	125.1	133.7	122.3	57.8	847.6
60°	92.7	98.6	77.8	97.8	93.3	98.2	76.0	43.5	891.2
65°	72.5	74.6	71.4	73.3	71.5	72.7	70.1	36.0	927.2
70°	59.2	55.7	56.1	55.6	60.5	55.5	57.5	29.3	956.5
75°	38.8	40.1	34.7	40.4	39.9	39.1	33.8	20.3	976.8
80°	24.7	28.1	28.6	29.3	23.8	29.2	29.9	15.0	991.8
85°	11.2	14.7	15.9	14.6	10.8	15.0	16.0	7.7	999.5
90°	0.9	1.5	1.3	1.2	0.5	0.6	0.3	0.5	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: 51MQ17WD2312 EAN: 4058352490723	LP number 59193_1
------------------------------	--	-----------------------------

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	16.7	18.3	17.1	18.6	18.9	16.6	18.1	16.9	18.4	18.8
	3H	17.7	19.1	18.1	19.4	19.8	17.6	19.0	18.0	19.3	19.7
	4H	18.2	19.5	18.6	19.8	20.2	18.0	19.3	18.4	19.7	20.0
	6H	18.6	19.8	19.0	20.1	20.5	18.5	19.7	18.9	20.0	20.4
	8H	18.7	19.8	19.2	20.2	20.6	18.8	19.9	19.2	20.2	20.6
	12H	18.8	19.9	19.3	20.3	20.7	19.0	20.0	19.4	20.4	20.8
4H	2H	17.1	18.4	17.5	18.8	19.2	17.0	18.3	17.4	18.7	19.1
	3H	18.3	19.4	18.8	19.8	20.2	18.3	19.4	18.7	19.8	20.2
	4H	18.9	19.9	19.3	20.3	20.7	18.8	19.8	19.3	20.2	20.7
	6H	19.5	20.3	19.9	20.8	21.2	19.5	20.3	19.9	20.8	21.2
	8H	19.7	20.5	20.2	20.9	21.4	19.8	20.6	20.3	21.0	21.5
	12H	19.9	20.6	20.4	21.0	21.5	20.1	20.8	20.6	21.2	21.7
8H	4H	19.2	19.9	19.6	20.4	20.9	19.1	19.9	19.6	20.3	20.8
	6H	19.9	20.5	20.4	21.0	21.5	19.8	20.5	20.3	21.0	21.5
	8H	20.2	20.8	20.7	21.3	21.8	20.2	20.8	20.7	21.3	21.8
	12H	20.5	21.0	21.1	21.5	22.1	20.6	21.1	21.1	21.6	22.1
12H	4H	19.2	19.9	19.7	20.4	20.8	19.2	19.9	19.7	20.3	20.8
	6H	20.0	20.6	20.5	21.0	21.6	20.0	20.5	20.5	21.0	21.5
	8H	20.4	20.9	20.9	21.4	21.9	20.4	20.9	20.9	21.4	21.9

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1498 B = 260
------------------------	---	--------------------------------------	-----------------------------------

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°	45°	5139.0	5579.7	6195.0	5576.4	5023.0	5455.7	6132.5		
50°	50°	4341.8	4887.4	5257.0	4869.7	4218.1	4771.1	5286.9		
55°	55°	3850.0	4200.3	3751.9	4100.0	3862.7	4128.2	3777.9		
60°	60°	3283.0	3494.9	2757.3	3465.4	3304.3	3479.6	2693.5		
65°	65°	3038.4	3127.9	2994.3	3073.2	2996.4	3047.6	2940.6		
70°	70°	3064.9	2883.8	2905.0	2880.7	3132.3	2876.0	2979.3		
75°	75°	2656.2	2741.9	2377.8	2763.2	2728.2	2673.3	2314.1		
80°	80°	2516.0	2864.5	2920.7	2994.2	2423.0	2976.9	3053.5		
85°	85°	2280.5	2989.0	3227.3	2964.7	2190.8	3039.9	3257.8		

Photometric test report

Family
Apollon® 21

Order number: 51MQ17WD2312
EAN: 4058352490723

LP number
59193_1

Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

