
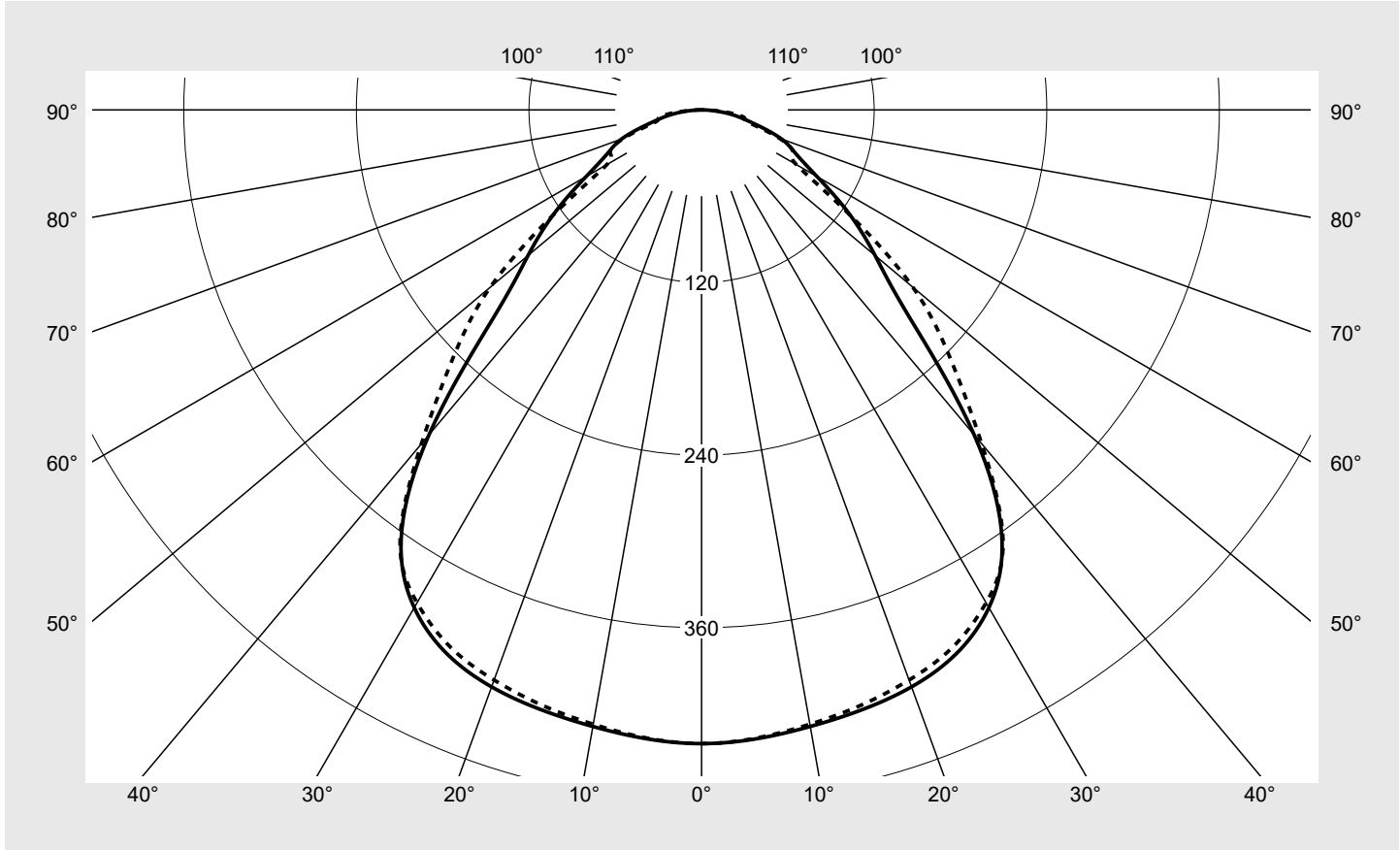


Photometric test report

Family Apollon® 21 	Order number: 51MQ17WD2612 EAN: 4058352528013	LP number 59193_4
	Version recessed luminaire for lay-in mounting, linear, wide distribution Lamps LED 6500 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 25.01.2022

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: 51MQ17WD2612 EAN: 4058352528013	LP number 59193_4
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: 51MQ17WD2612 EAN: 4058352528013	LP number 59193_4
------------------------------	--	-----------------------------

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: 51MQ17WD2612 EAN: 4058352528013	LP number 59193_4
-------------------------------------	--	------------------------------------



Luminance values in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
--------------	--------------	--------------	--------------	--------------

