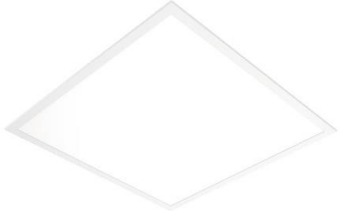
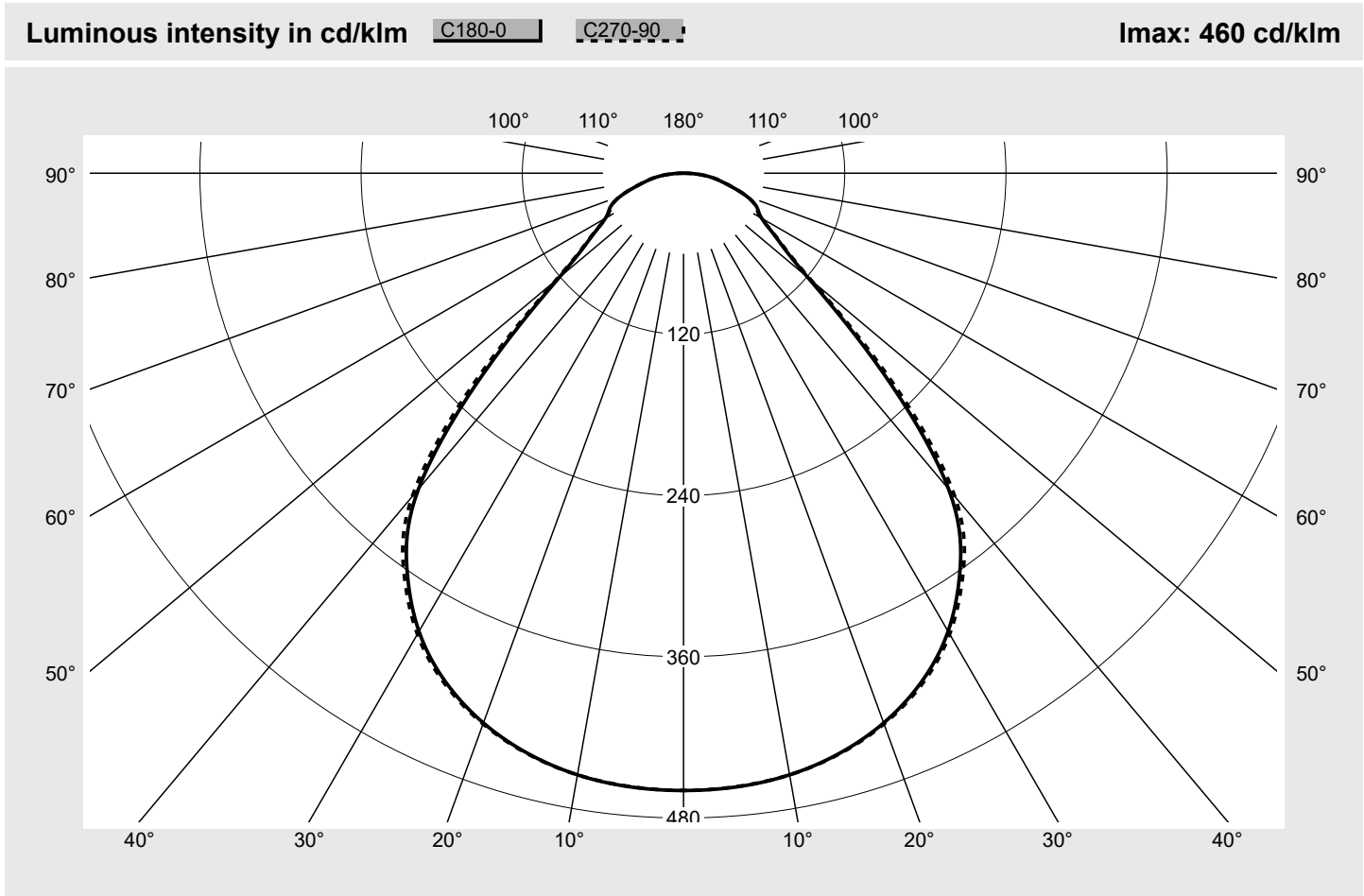


Photometric test report

Family Apollon® 41	Order number: 51MH11WD2N43 EAN: 4058352967201	LP number 59525_38
	Version	recessed luminaire for lay-in mounting, square M625, wide distribution, adjustable color temperature: 4000 K 6500 K, UGR≤19 (L65≤3000cd/m²)
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Setting	AC-mode
	Rated values	Net luminous flux = 3500 lm Power consumption = 28.5 W Luminous efficacy = 122.8 lm/W
		serial documentation 22.12.2025
		



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	ηLB	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: 51MH11WD2N43 EAN: 4058352967201	LP number 59525_38
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: 51MH11WD2N43 EAN: 4058352967201	LP number 59525_38
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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	14.8	16.4	15.2	16.7	17.0	14.8	16.4	15.2	16.7	17.0
	3H	15.7	17.1	16.1	17.5	17.8	15.7	17.1	16.1	17.5	17.8
	4H	16.2	17.5	16.6	17.9	18.2	16.2	17.5	16.6	17.9	18.2
	6H	16.6	17.8	17.0	18.2	18.5	16.6	17.8	17.0	18.2	18.6
	8H	16.8	17.9	17.2	18.3	18.7	16.8	17.9	17.2	18.3	18.7
	12H	16.9	18.0	17.4	18.4	18.8	17.0	18.0	17.4	18.4	18.8
4H	2H	15.4	16.7	15.8	17.0	17.4	15.4	16.7	15.8	17.0	17.4
	3H	16.6	17.7	17.0	18.1	18.5	16.6	17.7	17.0	18.0	18.5
	4H	17.2	18.2	17.7	18.6	19.0	17.2	18.2	17.6	18.6	19.0
	6H	17.7	18.6	18.2	19.0	19.5	17.7	18.6	18.2	19.0	19.4
	8H	18.0	18.7	18.4	19.2	19.7	17.9	18.7	18.4	19.2	19.6
	12H	18.2	18.8	18.7	19.3	19.8	18.1	18.8	18.6	19.3	19.8
8H	4H	17.6	18.3	18.0	18.8	19.3	17.5	18.3	18.0	18.8	19.2
	6H	18.2	18.9	18.7	19.3	19.8	18.2	18.8	18.7	19.3	19.8
	8H	18.5	19.1	19.0	19.6	20.1	18.5	19.1	19.0	19.5	20.1
	12H	18.8	19.3	19.3	19.8	20.3	18.8	19.3	19.3	19.8	20.3
12H	4H	17.6	18.3	18.1	18.7	19.2	17.6	18.3	18.1	18.7	19.2
	6H	18.3	18.8	18.8	19.3	19.9	18.3	18.8	18.8	19.3	19.8
	8H	18.7	19.1	19.2	19.6	20.2	18.6	19.1	19.1	19.6	20.1

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 555 B = 555	
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°	3373.2	3527.9	3682.6	3672.3	3662.0	3593.7	3525.5
50°	2139.9	2701.9	3263.9	3263.0	3262.1	2729.8	2197.5
55°	1684.9	2259.6	2834.3	2824.5	2814.7	2260.8	1706.8
60°	1526.5	1943.5	2360.5	2360.5	2360.5	1936.8	1513.0
65°	1621.2	1804.8	1988.4	1982.7	1977.0	1791.1	1605.3
70°	1656.5	1799.7	1942.9	1921.1	1899.3	1782.8	1666.4
75°	1541.8	1788.1	2034.3	2006.8	1979.2	1766.2	1553.1
80°	1580.3	1643.0	1705.6	1672.1	1638.4	1628.7	1619.1
85°	1691.5	1843.3	1995.2	1983.6	1972.0	1829.1	1686.2

Photometric test report

Family
Apollon® 41

Order number: 51MH11WD2N43
EAN: 4058352967201

LP number
59525_38

Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

siteco

