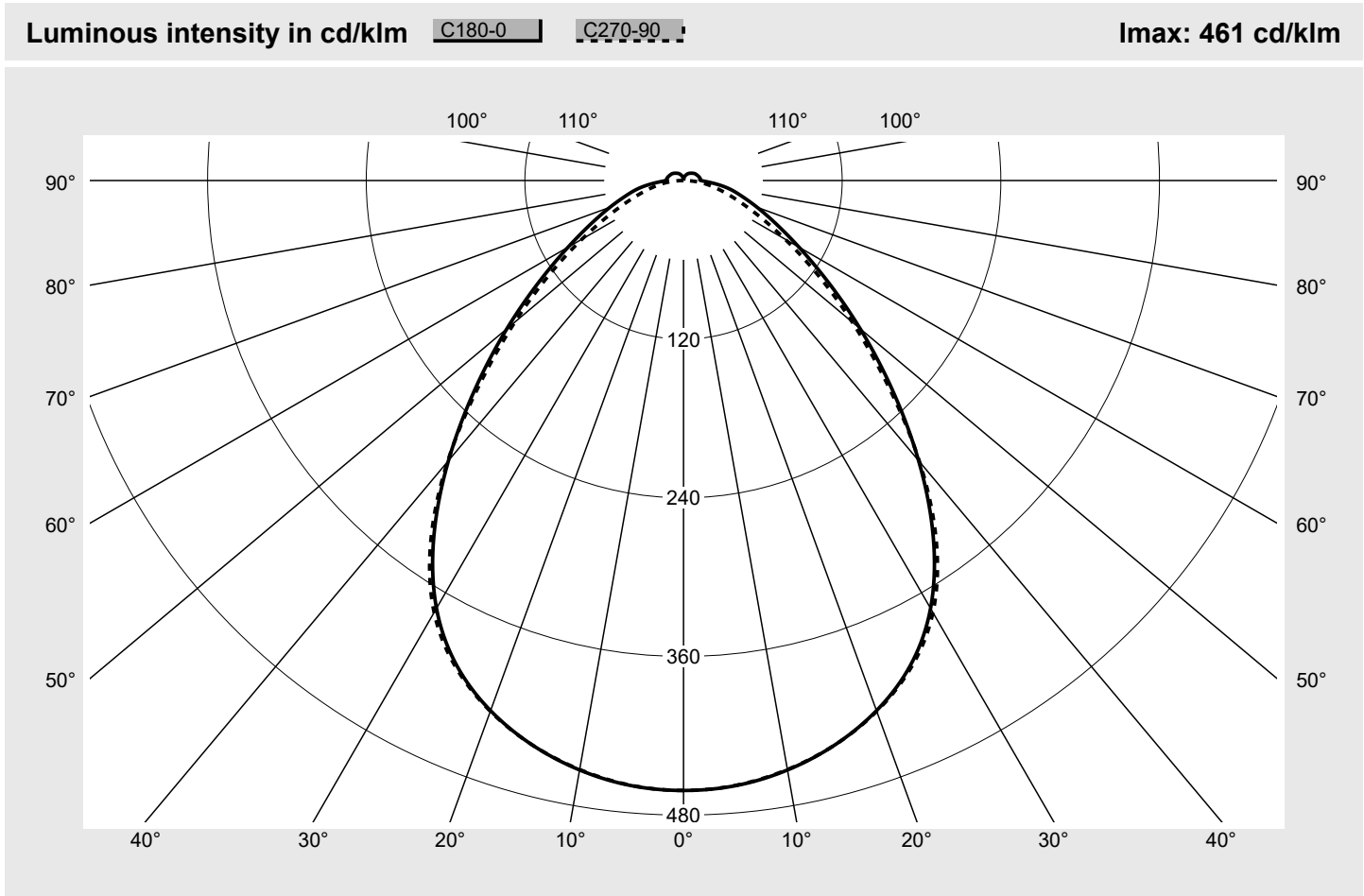


Photometric test report

Family Apollon® 31 Surface	Order number: 51MP26WD2341W EAN: 4058352614624	LP number 59344_3
	Version	surface-mounted and suspended luminaire, microprismatic optics, wide distribution, UGR≤19 (L65≤3000cd/m²)
	Lamps	LED 3000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 4400 lm Power consumption = 33.0 W Luminous efficacy = 133.3 lm/W
		serial documentation 15.03.2024
		



Classifications		Luminaire light output ratios	
DIN 5040	A 5 1	ηLB	100.0%
CIE	N1=61 N2=87 N3=97	ϕ _u	96.9%
	N4=97 N5=100	ϕ _o	3.1%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Apollon® 31 Surface	Order number: 51MP26WD2341W EAN: 4058352614624	LP number 59344_3
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°	461.4	461.4	461.4	461.4	461.4	461.4	461.4	2.8	2.8
5°	459.4	459.1	459.2	459.1	459.1	458.9	459.2	21.9	24.7
10°	452.8	452.3	452.6	452.2	452.5	452.2	452.4	43.1	67.8
15°	442.1	441.3	442.0	441.6	442.2	441.7	442.0	62.7	130.4
20°	426.8	425.8	426.8	426.4	427.3	426.7	427.3	80.0	210.4
25°	405.3	404.1	405.7	405.3	406.7	406.0	406.9	94.0	304.4
30°	373.7	372.1	374.7	374.3	376.6	375.8	377.3	102.7	407.1
35°	329.4	327.4	330.7	330.2	332.9	331.2	333.4	104.0	511.1
40°	276.6	274.1	276.8	275.9	278.9	276.1	277.7	97.4	608.5
45°	222.9	219.6	220.9	219.3	222.4	217.7	218.2	85.3	693.8
50°	174.4	171.2	171.4	169.7	171.1	166.2	166.5	71.4	765.2
55°	133.1	129.8	129.4	127.3	127.2	122.9	123.6	57.2	822.4
60°	100.8	96.8	95.6	92.8	92.4	88.6	88.7	44.4	866.8
65°	76.9	72.2	70.3	66.6	66.9	62.9	62.1	33.8	900.6
70°	59.3	54.7	52.5	48.1	48.7	44.3	43.1	25.7	926.3
75°	45.5	41.8	39.8	34.7	34.7	30.6	29.6	19.3	945.7
80°	34.6	31.6	29.4	23.8	22.7	19.7	19.2	13.9	959.5
85°	22.2	20.2	18.0	13.5	12.3	10.0	9.8	8.2	967.7
90°	13.3	11.8	8.8	5.0	3.4	2.0	1.4	3.5	971.2
95°	12.6	11.5	8.3	4.7	2.9	1.3	1.0	3.2	974.5
100°	12.4	11.4	8.1	4.6	2.9	1.5	0.9	3.2	977.6
105°	11.8	10.9	7.8	4.6	2.9	1.5	0.8	3.0	980.6
110°	11.2	10.3	7.6	4.6	2.9	1.5	0.8	2.8	983.4
115°	10.7	9.8	7.6	4.9	2.9	1.5	0.8	2.7	986.1
120°	10.1	9.4	7.4	5.0	2.9	1.5	0.7	2.5	988.6
125°	9.4	8.7	7.1	4.9	3.0	1.5	0.7	2.3	990.9
130°	8.6	8.0	6.6	4.9	3.0	1.5	0.7	2.0	992.9
135°	7.8	7.3	6.3	4.7	2.9	1.4	0.6	1.7	994.6
140°	7.1	6.7	5.8	4.4	2.8	1.4	0.7	1.5	996.1
145°	6.4	6.1	5.2	4.0	2.7	1.5	0.8	1.2	997.3
150°	5.6	5.3	4.6	3.6	2.5	1.5	1.0	1.0	998.2
155°	4.8	4.5	4.0	3.2	2.2	1.5	1.1	0.7	998.9
160°	3.9	3.7	3.3	2.6	1.9	1.5	1.2	0.5	999.4
165°	3.1	2.9	2.7	2.2	1.8	1.5	1.3	0.3	999.7
170°	2.3	2.3	2.1	1.8	1.6	1.5	1.4	0.2	999.9
175°	1.8	1.7	1.6	1.5	1.5	1.5	1.4	0.1	1000.0
180°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	1000.0

Photometric test report

Family Apollon® 31 Surface			Order number: 51MP26WD2341W EAN: 4058352614624							LP number 59344_3	
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	15.7	17.3	16.1	17.6	17.9	15.6	17.2	16.0	17.5	17.8
	3H	16.7	18.1	17.1	18.4	18.7	16.3	17.7	16.7	18.1	18.4
	4H	17.2	18.5	17.6	18.8	19.2	16.6	17.9	17.0	18.3	18.7
	6H	17.7	18.9	18.1	19.2	19.6	16.9	18.1	17.3	18.5	18.9
	8H	18.0	19.1	18.4	19.4	19.8	17.1	18.2	17.5	18.5	18.9
	12H	18.2	19.2	18.6	19.6	20.0	17.1	18.2	17.6	18.6	19.0
4H	2H	16.1	17.4	16.5	17.7	18.1	16.0	17.3	16.4	17.7	18.0
	3H	17.2	18.3	17.7	18.7	19.1	16.9	18.0	17.4	18.4	18.8
	4H	17.9	18.8	18.3	19.3	19.7	17.4	18.3	17.8	18.7	19.2
	6H	18.5	19.4	19.0	19.8	20.3	17.7	18.6	18.2	19.0	19.5
	8H	18.9	19.6	19.3	20.1	20.5	17.9	18.7	18.3	19.1	19.6
	12H	19.2	19.8	19.7	20.3	20.8	18.0	18.7	18.5	19.2	19.7
8H	4H	18.0	18.8	18.5	19.3	19.7	17.6	18.4	18.1	18.8	19.3
	6H	18.9	19.5	19.4	20.0	20.5	18.1	18.7	18.6	19.2	19.7
	8H	19.3	19.9	19.8	20.3	20.9	18.3	18.9	18.8	19.4	19.9
	12H	19.7	20.2	20.2	20.7	21.2	18.5	19.0	19.0	19.5	20.0
12H	4H	18.1	18.8	18.6	19.2	19.7	17.7	18.3	18.1	18.8	19.3
	6H	18.9	19.5	19.4	20.0	20.5	18.2	18.7	18.7	19.2	19.7
	8H	19.4	19.9	19.9	20.4	20.9	18.4	18.9	19.0	19.4	19.9

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1536 B = 200	H(C0) = 13 H(C90) = 0	H(C180) = 13 H(C270) = 0
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°	90° 270°
			Luminance in cd/m²					
45°		4239.1	4185.0	4235.2	4247.6	4363.4	4337.1	4419.7
50°		3607.2	3549.2	3578.2	3584.9	3669.6	3631.2	3711.0
55°		3041.3	2973.5	2989.7	2982.4	3034.3	2997.9	3085.3
60°		2596.4	2501.8	2494.7	2463.4	2505.2	2467.2	2539.5
65°		2288.2	2156.7	2124.7	2055.9	2119.7	2057.1	2105.5
70°		2106.8	1952.0	1903.8	1787.8	1872.5	1774.7	1804.7
75°		2027.1	1873.9	1822.0	1637.7	1711.7	1594.7	1636.7
80°		2083.3	1924.2	1838.7	1555.5	1580.9	1483.8	1581.8
85°		2088.6	1928.4	1798.5	1456.9	1473.4	1383.4	1612.1

Photometric test report

Family Apollon® 31 Surface	Order number: 51MP26WD2341W EAN: 4058352614624	LP number 59344_3
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Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

siteco

