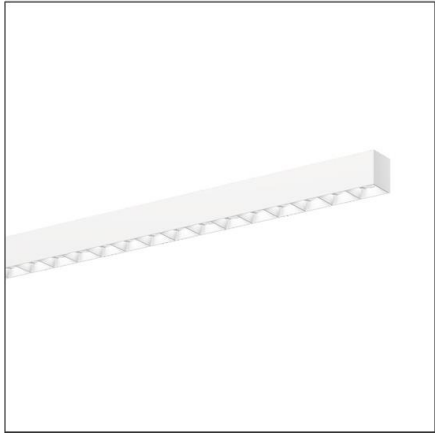
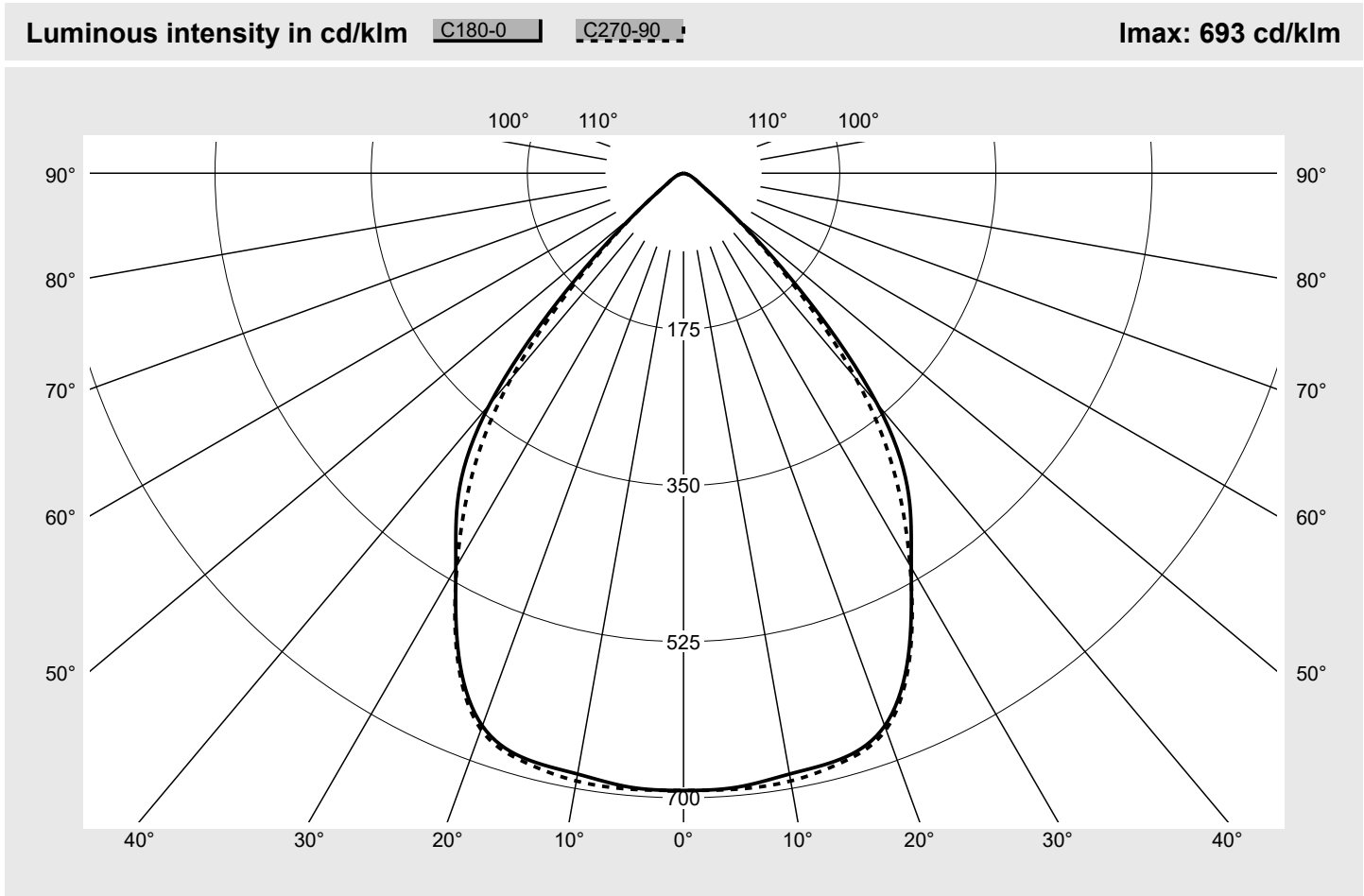


Photometric test report

Family Silica® 21	Order number: 51MX26DA34WB EAN: 4058352896273	LP number 59267_284
	Version	surface-mounted luminaire, reflector, white, direct distribution, wide distribution, UGR≤19 (L65≤3000cd/m²)
	Lamps	LED 3000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 4320 lm Power consumption = 25.1 W Luminous efficacy = 172.1 lm/W
		serial documentation 17.12.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 6 0	ηLB	100.0%
CIE	N1=83 N2=98 N3=100	φ _u	100.0%
	N4=100 N5=100	φ _o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Silica® 21	Order number: 51MX26DA34WB EAN: 4058352896273	LP number 59267_284
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°	691.8	691.8	691.8	691.8	691.8	691.8	691.8	4.1	4.1
5°	690.7	689.7	686.1	690.3	692.9	690.5	692.9	33.0	37.1
10°	683.8	683.7	680.0	686.1	689.1	688.2	691.7	65.3	102.4
15°	679.8	682.8	679.6	683.5	685.2	682.6	683.9	96.8	199.2
20°	659.2	666.3	668.8	670.3	667.9	663.4	663.6	124.9	324.1
25°	596.3	606.7	617.7	624.9	617.5	607.1	599.6	141.8	465.9
30°	510.4	519.4	522.0	521.4	520.1	511.7	507.7	141.8	607.7
35°	439.7	447.6	431.3	414.6	422.9	421.6	413.2	134.4	742.1
40°	337.7	347.1	337.5	327.0	327.2	315.0	300.9	115.9	857.9
45°	183.5	191.6	192.8	192.4	185.5	172.4	164.1	71.6	929.5
50°	72.2	76.5	81.6	85.0	79.2	72.7	70.3	32.6	962.2
55°	28.9	31.6	36.0	41.5	36.6	30.9	28.5	15.4	977.5
60°	17.8	18.8	20.5	22.6	20.4	18.4	17.4	9.4	986.9
65°	11.5	12.0	12.6	12.8	12.4	11.7	11.3	6.0	992.9
70°	7.8	8.1	7.5	7.2	7.4	7.8	7.7	3.9	996.9
75°	3.2	3.4	3.7	3.8	3.8	3.6	3.3	1.9	998.8
80°	1.5	1.5	1.5	1.6	1.6	1.6	1.6	0.8	999.6
85°	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.4	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 Silica® 21	Order number: 51MX26DA34WB EAN: 4058352896273	LP number 59267_284
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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	19.2	20.5	19.5	20.8	21.1	18.8	20.1	19.2	20.4	20.8	
	3H	19.1	20.2	19.5	20.6	20.9	18.7	19.9	19.1	20.2	20.6	
	4H	19.0	20.1	19.4	20.4	20.8	18.7	19.8	19.1	20.1	20.5	
	6H	19.0	19.9	19.4	20.3	20.7	18.6	19.6	19.1	20.0	20.4	
	8H	19.0	19.9	19.5	20.2	20.6	18.7	19.5	19.1	19.9	20.3	
	12H	19.0	19.8	19.4	20.2	20.6	18.7	19.4	19.1	19.8	20.2	
4H	2H	19.0	20.1	19.4	20.4	20.8	18.7	19.7	19.1	20.1	20.5	
	3H	19.0	19.8	19.4	20.2	20.6	18.6	19.5	19.1	19.9	20.3	
	4H	18.9	19.7	19.3	20.1	20.5	18.6	19.3	19.0	19.8	20.2	
	6H	18.8	19.5	19.3	19.9	20.4	18.5	19.2	19.0	19.6	20.1	
	8H	18.8	19.4	19.3	19.8	20.3	18.5	19.1	18.9	19.5	20.0	
	12H	18.8	19.3	19.3	19.7	20.2	18.5	19.0	19.0	19.4	19.9	
8H	4H	18.8	19.4	19.3	19.8	20.3	18.5	19.1	18.9	19.5	20.0	
	6H	18.7	19.2	19.2	19.7	20.2	18.4	18.9	18.9	19.3	19.9	
	8H	18.7	19.1	19.2	19.6	20.1	18.3	18.8	18.8	19.3	19.8	
	12H	18.6	19.0	19.2	19.5	20.0	18.3	18.7	18.8	19.2	19.7	
12H	4H	18.8	19.3	19.3	19.7	20.2	18.5	19.0	19.0	19.4	19.9	
	6H	18.7	19.1	19.2	19.6	20.1	18.4	18.8	18.9	19.2	19.8	
	8H	18.6	19.0	19.2	19.5	20.0	18.3	18.7	18.8	19.2	19.7	

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1176 B = 49	
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°	19452.8	20315.3	20437.6	20402.6	19662.5	18275.0	17396.7
50°	8421.2	8918.7	9514.3	9918.7	9238.0	8480.2	8204.5
55°	3783.2	4132.5	4709.4	5424.9	4781.9	4042.7	3721.5
60°	2665.3	2812.8	3074.2	3383.2	3063.4	2762.6	2614.2
65°	2041.8	2125.7	2242.6	2265.1	2195.7	2077.8	2006.6
70°	1720.5	1771.1	1648.1	1580.8	1614.6	1716.9	1691.5
75°	917.1	996.7	1066.8	1114.6	1106.5	1039.6	964.8
80°	635.9	648.0	667.0	671.8	692.9	707.2	702.4
85°	567.7	567.7	586.6	605.6	643.4	676.1	671.8

Photometric test report

Family Silica® 21	Order number: 51MX26DA34WB EAN: 4058352896273	LP number 59267_284
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Luminance values in cd/m²

γ 65°

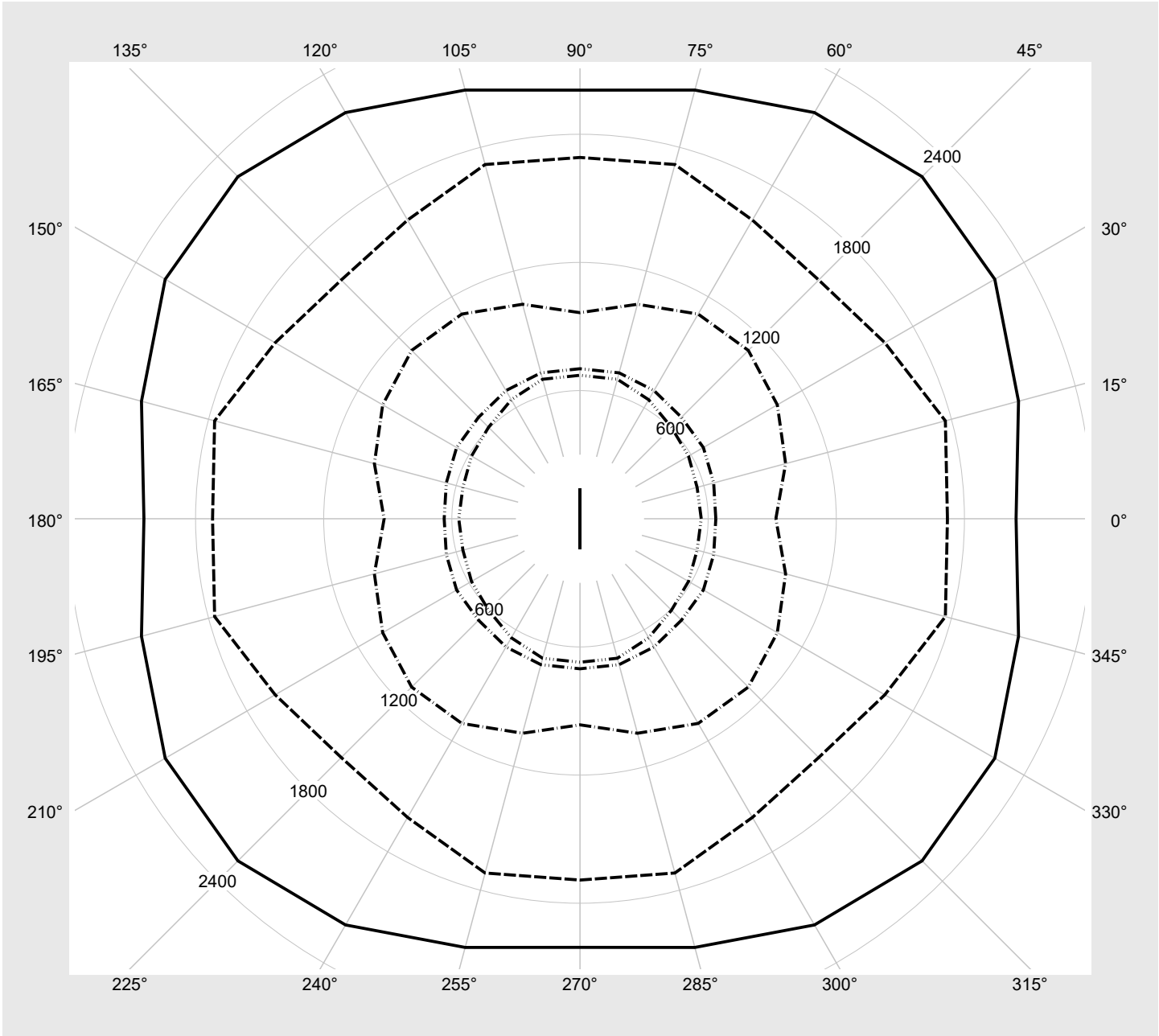
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Silica® 21	Order number: 51MX26DA34WB EAN: 4058352896273	LP number 59267_284
Dimming levels table		environmental temperature: 25°C
		siteco

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	4320	25.1
95	241	252	4111	23.8
90	227	250	3885	22.4
85	214	248	3673	21.1
80	201	245	3461	19.8
75	188	243	3246	18.5
70	175	240	3031	17.2
65	162	238	2813	16.0
60	149	234	2595	14.6
55	136	231	2373	13.4
50	123	227	2152	12.2
45	111	224	1946	11.0
40	98	219	1722	9.8
35	86	214	1514	8.6
30	74	209	1304	7.6
25	61	202	1077	6.4
20	49	194	865	5.3
15	37	183	651	4.2
10	25	169	438	3.2
5	13	145	223	1.9
3	8	127	134	1.2