

Photometric test report

Family
Silica® 21



Order number: 51MX20DA42WB
EAN: 4058352898604

Version

Lamps

Controlgear

Rated values

surface-mounted luminaire, with homogeneous illumination, cover, opal, direct distribution, extremely wide distribution

LED 4000 K | CRI ≥ 80

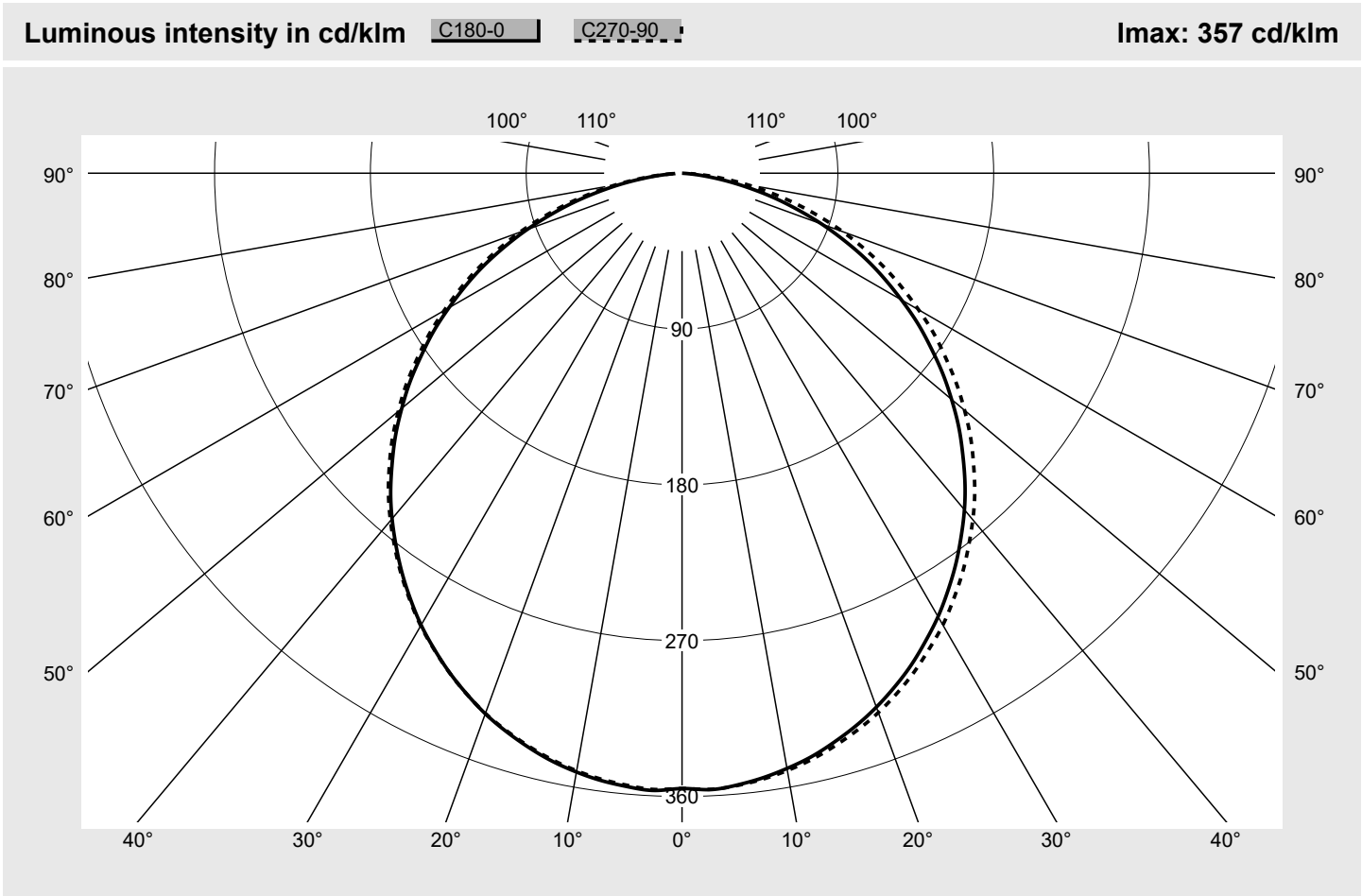
ECG-DALI

Net luminous flux = 2400 lm
Power consumption = 15.2 W
Luminous efficacy = 158 lm/W

LP number
59411_334

serial
documentation
17.12.2024

siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 4 0	η_{LB}	100.0%
CIE	N1=48 N2=79 N3=96	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: 51MX20DA42WB EAN: 4058352898604	LP number 59411_334
Table of values for luminous intensities		Maximum luminous intensity

sitEco

C- planes	0,0°	7,5°	15,0°	22,5°	30,0°	37,5°	45,0°	52,5°	60,0°	67,5°	75,0°	82,5°	90,0°	97,5°
γ	Luminous intensity in cd/klm													
0,0°	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4
2,5°	356.4	355.8	356.2	353.4	352.1	352.5	353.4	355.3	355.9	356.2	355.9	356.5	356.3	355.3
5,0°	355.0	354.3	354.7	351.9	350.7	351.1	352.1	354.0	354.7	354.8	354.6	355.3	355.2	354.2
7,5°	352.5	351.9	352.3	349.8	348.5	348.9	349.9	351.8	352.6	352.6	352.7	353.3	353.2	352.1
10,0°	349.1	348.7	349.1	346.5	345.3	345.7	346.8	348.6	349.7	349.5	349.8	350.5	350.3	349.4
12,5°	345.2	344.9	345.2	342.8	341.6	342.0	343.0	344.9	346.1	345.7	346.1	346.8	346.8	345.8
15,0°	340.1	339.9	340.4	337.9	336.8	337.2	338.2	340.0	341.2	341.1	341.4	342.4	342.3	341.4
17,5°	334.5	334.3	334.8	332.6	331.3	331.9	332.9	334.5	336.0	335.8	336.3	337.1	337.2	336.4
20,0°	328.2	328.1	328.8	326.4	325.4	325.6	327.1	328.3	330.1	329.6	330.4	331.1	331.5	330.4
22,5°	321.1	321.1	321.7	319.6	318.6	318.8	320.0	321.5	323.3	322.7	323.5	324.7	324.9	324.0
25,0°	313.4	313.3	314.2	311.9	311.2	311.1	312.6	313.6	315.7	315.2	316.3	317.1	317.6	316.5
27,5°	304.7	305.2	305.7	303.9	302.8	303.1	304.2	305.6	307.3	307.2	308.1	309.4	309.5	308.8
30,0°	295.8	296.4	297.0	295.3	294.5	294.3	295.8	296.8	298.7	298.5	299.5	300.8	301.3	300.4
32,5°	285.9	286.6	287.3	285.9	284.9	284.6	286.1	287.2	288.7	288.9	290.0	291.3	291.9	291.2
35,0°	275.7	276.7	277.2	276.3	275.1	274.8	276.4	277.4	278.8	279.1	280.1	281.7	282.2	281.6
37,5°	264.8	265.6	266.5	265.5	264.6	264.2	265.9	266.7	268.2	268.5	269.5	271.0	271.8	271.2
40,0°	253.7	254.7	255.4	254.7	253.9	253.4	255.1	256.0	257.2	257.7	258.7	260.5	261.3	260.7
42,5°	241.9	242.6	243.6	242.7	242.4	241.5	243.6	244.3	245.6	245.8	247.3	248.9	250.3	249.1
45,0°	229.3	230.7	231.1	230.9	230.3	229.9	231.3	232.4	233.3	234.0	235.1	237.1	238.2	237.5
47,5°	216.7	217.6	218.4	217.9	218.3	217.3	219.1	219.7	221.2	221.1	222.7	224.3	226.1	224.7
50,0°	203.2	204.6	204.8	204.9	205.3	204.6	206.0	206.9	208.2	208.3	209.7	211.6	213.0	211.9
52,5°	189.7	191.2	191.1	191.7	192.2	191.5	192.7	193.9	195.2	195.2	196.5	198.5	199.9	198.9
55,0°	175.3	176.9	176.8	177.5	178.1	177.7	178.9	180.0	181.4	181.4	182.7	184.4	185.9	184.9
57,5°	161.4	162.7	162.8	163.6	164.4	164.3	165.3	166.2	167.8	167.7	169.2	170.7	172.5	171.3
60,0°	146.3	147.5	148.0	148.5	149.8	149.5	150.8	151.6	153.3	153.3	154.9	156.1	157.7	156.6
62,5°	131.7	132.9	133.4	133.6	135.5	135.2	136.7	137.5	139.2	139.3	141.0	142.0	143.4	142.8
65,0°	116.9	117.2	118.6	118.0	120.8	120.2	122.4	122.6	125.1	124.7	126.7	127.0	129.0	127.9
67,5°	101.3	102.1	103.0	102.7	105.1	105.5	107.0	107.8	110.1	110.3	111.8	112.6	113.9	113.5
70,0°	85.9	86.2	87.6	86.9	89.4	90.0	92.0	92.0	94.8	94.9	96.9	97.1	98.8	98.2
72,5°	70.0	70.9	71.6	71.7	73.2	74.4	76.5	77.1	78.8	79.8	81.4	82.3	83.2	83.4
75,0°	55.2	55.6	56.6	56.6	58.1	58.9	61.1	62.0	63.9	64.5	66.2	67.0	68.0	68.2
77,5°	40.2	40.5	41.5	41.5	43.0	43.5	45.6	46.4	48.3	49.1	51.0	51.6	52.7	52.8
80,0°	26.9	27.0	28.0	28.1	29.3	29.8	31.3	32.4	34.0	34.9	36.4	37.1	38.2	38.3
82,5°	14.9	14.9	15.6	15.8	16.7	17.2	18.4	19.2	20.6	21.4	22.8	23.5	24.4	24.5
85,0°	5.9	5.8	6.3	6.5	7.1	7.5	8.3	8.8	9.9	10.5	11.7	12.2	13.0	13.0
87,5°	1.0	0.9	1.1	1.1	1.5	1.6	2.1	2.3	3.0	3.3	4.1	4.4	5.0	4.8

Photometric test report

Family Silica® 21	Order number: 51MX20DA42WB EAN: 4058352898604	LP number 59411_334
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	105,0°	112,5°	120,0°	127,5°	135,0°	142,5°	150,0°	157,5°	165,0°	172,5°	180,0°	187,5°	195,0°	202,5°
γ	Luminous intensity in cd/klm													
0,0°	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4
2,5°	356.3	356.7	356.4	355.9	355.7	354.4	354.2	354.2	354.9	355.0	356.9	355.8	356.4	353.7
5,0°	355.2	355.4	355.3	355.0	354.6	353.3	353.2	353.1	353.8	354.1	355.8	355.1	355.6	352.8
7,5°	353.2	353.6	353.4	353.0	352.8	351.5	351.4	351.4	352.0	352.3	354.0	353.2	353.7	350.9
10,0°	350.4	350.7	350.6	350.4	350.0	348.7	348.7	348.9	349.3	349.7	351.2	350.5	351.0	348.3
12,5°	346.9	347.3	347.1	346.9	346.6	345.1	345.2	345.4	346.1	346.3	347.7	347.1	347.6	345.0
15,0°	342.5	342.8	342.7	342.4	342.1	340.5	340.7	341.1	341.8	342.0	343.2	342.6	343.2	340.7
17,5°	337.5	337.8	337.6	337.4	337.0	335.6	335.7	336.1	336.8	337.2	338.0	337.7	338.2	335.9
20,0°	331.9	331.7	332.0	331.5	331.2	329.6	330.2	330.1	331.4	331.3	332.3	331.8	332.6	330.0
22,5°	325.3	325.2	325.1	324.8	324.4	323.0	323.4	323.9	324.8	325.0	325.4	325.3	326.0	323.7
25,0°	318.1	317.8	318.0	317.2	317.2	315.7	316.2	316.4	317.6	317.7	318.0	317.9	318.8	316.6
27,5°	310.1	310.1	309.9	309.5	309.1	307.8	307.9	308.6	309.6	310.1	309.9	310.1	310.8	309.0
30,0°	301.7	301.5	301.7	300.9	300.7	299.4	299.6	300.3	301.3	301.6	301.4	301.6	302.3	300.8
32,5°	292.4	292.2	292.2	291.4	291.0	290.0	290.4	290.9	292.0	292.3	291.9	292.4	293.1	291.6
35,0°	282.5	282.7	282.5	281.6	281.3	280.5	280.9	281.3	282.1	282.9	281.9	282.7	283.3	282.3
37,5°	272.3	272.2	272.0	271.1	270.7	270.2	270.8	270.8	271.6	272.4	271.3	272.2	273.0	271.9
40,0°	261.8	261.3	261.4	260.5	259.7	259.7	260.4	260.1	260.8	261.8	260.6	261.7	262.3	261.4
42,5°	250.4	249.5	250.1	248.9	248.5	248.0	249.1	248.5	249.4	250.2	249.1	249.9	250.8	249.8
45,0°	238.0	237.8	237.8	237.0	236.4	236.1	237.0	237.0	237.0	238.6	236.8	238.1	238.5	238.1
47,5°	225.8	225.2	225.7	224.3	224.6	223.8	225.0	224.4	224.6	226.0	224.5	225.4	226.2	225.4
50,0°	212.7	212.5	212.5	211.6	212.0	211.6	212.1	211.7	211.5	213.1	211.3	212.8	212.8	212.8
52,5°	199.4	199.3	199.5	198.8	199.1	198.8	199.1	198.9	198.3	200.1	198.1	199.7	199.3	199.9
55,0°	185.4	185.6	185.7	185.0	185.3	184.9	185.2	185.0	184.2	185.8	183.9	185.7	185.4	186.0
57,5°	171.9	171.9	172.5	171.4	171.9	171.2	171.5	170.9	170.7	171.5	170.2	171.8	171.6	172.3
60,0°	157.5	157.5	158.0	157.0	157.5	156.4	157.0	155.9	156.2	156.0	155.5	156.9	156.9	157.3
62,5°	143.6	143.4	143.9	143.4	143.5	142.5	142.8	141.6	142.0	141.2	141.0	142.4	142.6	142.7
65,0°	129.4	128.5	129.8	128.3	128.9	127.4	128.2	126.0	127.7	125.4	126.3	126.9	128.0	127.1
67,5°	114.6	114.0	114.7	113.5	113.7	112.3	112.4	110.8	112.5	110.2	110.7	111.7	112.5	111.9
70,0°	99.8	98.7	99.5	97.9	98.4	96.7	96.9	95.2	97.3	94.4	95.3	96.0	97.0	96.1
72,5°	84.2	83.6	83.7	82.7	82.4	81.1	80.8	80.2	81.1	79.1	79.4	80.5	81.0	80.9
75,0°	69.0	68.1	68.5	67.2	66.9	65.7	65.5	65.1	65.3	63.8	64.3	65.0	65.8	65.5
77,5°	53.4	52.6	52.6	51.3	51.1	50.0	50.2	49.9	49.4	48.4	49.0	49.4	50.2	50.0
80,0°	38.6	38.0	37.8	36.9	36.8	35.9	36.1	35.3	35.1	34.5	34.9	35.1	36.0	35.9
82,5°	24.7	24.2	24.2	23.3	23.2	22.7	22.6	21.9	21.9	21.4	21.8	21.9	22.4	22.5
85,0°	13.2	12.6	12.6	12.1	12.2	11.6	11.6	11.1	11.2	10.9	11.2	11.1	11.6	11.6
87,5°	5.1	4.7	4.8	4.4	4.5	4.1	4.2	3.8	4.0	3.7	3.9	3.7	4.1	4.0

Photometric test report

Family Silica® 21	Order number: 51MX20DA42WB EAN: 4058352898604	LP number 59411_334
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	210,0°	217,5°	225,0°	232,5°	240,0°	247,5°	255,0°	262,5°	270,0°	277,5°	285,0°	292,5°	300,0°	307,5°
γ	Luminous intensity in cd/klm													
0,0°	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4	355.4
2,5°	352.3	352.8	353.8	355.7	356.1	356.3	356.1	356.5	356.3	355.3	356.0	356.3	356.1	355.6
5,0°	351.4	351.8	352.8	354.5	355.1	355.2	355.1	355.6	355.1	354.0	354.7	355.1	354.7	354.2
7,5°	349.5	350.0	351.0	352.7	353.4	353.3	353.1	353.7	353.2	352.0	352.8	353.0	352.6	352.1
10,0°	347.1	347.4	348.5	350.0	350.7	350.5	350.4	350.8	350.5	349.3	349.9	350.1	349.6	349.1
12,5°	343.8	344.0	345.0	346.5	347.3	346.9	346.9	347.4	346.9	345.7	346.6	346.6	346.0	345.5
15,0°	339.4	339.7	340.6	342.0	342.9	342.5	342.5	343.1	342.6	341.2	342.0	341.9	341.3	340.7
17,5°	334.5	334.9	335.7	337.1	338.0	337.5	337.5	338.1	337.6	336.2	337.0	336.8	336.0	335.5
20,0°	329.0	329.0	330.2	331.0	332.4	331.5	331.9	332.2	332.1	330.4	331.2	330.7	330.2	329.2
22,5°	322.4	322.6	323.4	324.5	325.6	325.1	325.3	325.9	325.4	323.8	324.6	324.0	323.4	322.5
25,0°	315.4	315.2	316.3	317.0	318.4	317.6	318.1	318.6	318.2	316.5	317.4	316.4	316.1	314.8
27,5°	307.6	307.6	308.2	309.2	310.4	309.8	310.0	310.7	310.1	308.6	309.2	308.5	307.7	306.6
30,0°	299.5	299.2	300.1	300.7	301.9	301.3	301.6	302.2	301.9	300.2	300.9	299.9	299.6	297.9
32,5°	290.2	289.8	290.7	291.3	292.4	291.8	292.2	292.9	292.5	291.0	291.3	290.5	289.8	288.3
35,0°	280.7	280.3	281.4	281.8	282.5	282.3	282.5	283.2	282.8	281.5	281.5	281.0	279.9	278.4
37,5°	270.6	269.8	271.0	271.4	272.1	271.7	272.1	272.6	272.5	270.9	271.2	270.3	269.2	267.6
40,0°	260.2	259.2	260.5	260.7	261.4	261.1	261.4	262.0	262.0	260.4	260.5	259.4	258.4	256.7
42,5°	249.0	247.7	249.3	249.1	249.8	249.3	250.1	250.6	251.0	248.8	249.3	247.3	247.0	244.8
45,0°	237.0	236.2	237.1	237.7	237.8	237.7	237.8	239.1	239.1	237.3	236.8	235.6	234.8	232.9
47,5°	225.4	223.9	225.2	225.1	225.8	225.0	225.7	226.3	226.9	224.5	224.5	222.9	222.4	220.1
50,0°	212.8	211.6	212.3	212.4	212.9	212.2	212.6	213.6	213.9	211.7	211.3	210.0	209.3	207.3
52,5°	199.9	198.6	199.2	199.7	200.0	199.1	199.7	200.5	200.9	198.6	198.0	197.0	196.1	194.3
55,0°	186.1	185.0	185.5	185.9	186.4	185.4	185.7	186.5	186.8	184.5	183.9	183.0	182.1	180.4
57,5°	172.5	171.8	172.2	172.2	172.9	171.9	172.4	172.7	173.2	170.9	170.5	169.3	168.7	166.8
60,0°	158.1	157.2	157.9	157.7	158.4	157.5	158.2	158.2	158.6	156.4	155.9	154.8	154.2	152.2
62,5°	144.0	143.0	143.9	143.7	144.4	143.7	144.3	144.2	144.3	142.3	142.1	140.8	140.0	138.4
65,0°	129.5	128.1	129.6	129.0	130.5	128.9	130.0	129.1	129.9	127.5	127.8	125.7	125.8	123.2
67,5°	113.9	113.6	114.3	114.2	115.4	114.6	115.2	114.6	114.7	113.0	113.0	111.2	110.7	108.4
70,0°	98.1	98.1	99.2	98.6	100.2	99.2	100.2	99.3	99.6	97.8	98.1	95.7	95.5	92.7
72,5°	81.9	82.6	83.8	83.6	84.2	84.2	84.6	84.4	83.9	82.9	82.5	80.6	79.5	77.4
75,0°	66.5	66.9	68.4	68.5	69.2	68.9	69.5	69.1	68.8	67.7	67.3	65.3	64.5	62.0
77,5°	51.0	51.0	52.5	52.6	53.6	53.3	54.1	53.5	53.4	52.3	51.7	49.7	48.6	46.3
80,0°	36.7	36.8	37.7	38.1	38.9	38.8	39.4	39.0	38.9	37.8	37.1	35.2	34.0	32.2
82,5°	23.1	23.2	23.9	24.1	25.0	24.9	25.3	25.0	24.9	24.1	23.3	21.8	20.8	19.3
85,0°	12.1	12.1	12.7	12.7	13.2	13.2	13.7	13.5	13.5	12.6	12.0	10.7	10.0	9.0
87,5°	4.4	4.3	4.8	4.7	5.2	4.9	5.4	5.2	5.3	4.6	4.3	3.5	3.2	2.5

Photometric test report

Family Silica® 21	Order number: 51MX20DA42WB EAN: 4058352898604	LP number 59411_334
Table of values for luminous intensities		Maximum luminous intensity

sITeco

C- planes	315,0°	322,5°	330,0°	337,5°	345,0°	352,5°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm						Luminous flux in lm/klm	
0,0°	355.4	355.4	355.4	355.4	355.4	355.4	0.5	0.5
2,5°	355.3	353.9	353.8	353.7	354.3	354.5	4.2	4.8
5,0°	353.9	352.3	352.1	352.3	352.8	353.2	8.5	13.2
7,5°	351.7	350.2	350.0	350.1	350.6	350.8	12.6	25.8
10,0°	348.7	346.8	346.9	347.0	347.6	347.6	16.6	42.4
12,5°	344.9	343.0	343.1	343.1	343.7	343.8	20.5	62.9
15,0°	340.1	338.2	338.2	338.4	338.9	338.9	24.2	87.1
17,5°	334.7	332.9	332.7	332.9	333.6	333.7	27.7	114.8
20,0°	328.7	326.6	326.8	326.7	327.6	327.4	30.9	145.7
22,5°	321.5	319.8	319.8	319.9	320.6	320.6	33.9	179.6
25,0°	314.1	312.1	312.1	312.1	313.1	312.9	36.6	216.2
27,5°	305.7	303.8	303.7	304.1	304.7	304.8	38.9	255.2
30,0°	297.0	295.1	295.1	295.3	296.1	296.1	41.0	296.2
32,5°	287.3	285.6	285.5	285.6	286.4	286.5	42.7	338.9
35,0°	277.2	275.8	275.7	275.7	276.3	276.7	44.0	382.9
37,5°	266.4	265.3	265.3	264.9	265.5	265.7	45.0	427.8
40,0°	255.3	254.5	254.6	254.1	254.3	254.9	45.6	473.4
42,5°	243.9	242.7	243.3	242.0	242.6	242.9	45.8	519.2
45,0°	231.6	230.8	230.8	230.1	230.0	231.1	45.6	564.8
47,5°	219.6	218.0	218.6	217.3	217.3	218.1	45.0	609.8
50,0°	206.8	205.5	205.4	204.3	203.7	205.1	44.1	653.8
52,5°	193.7	192.6	192.2	191.3	190.2	191.5	42.8	696.6
55,0°	179.8	178.5	178.1	177.3	176.0	177.1	41.0	737.6
57,5°	166.2	164.6	164.3	163.0	162.1	162.6	39.1	776.7
60,0°	151.6	149.8	149.4	147.8	147.5	147.0	36.6	813.3
62,5°	137.4	135.7	135.0	133.2	133.1	132.0	34.1	847.4
65,0°	122.7	120.4	120.4	117.5	118.6	116.0	31.1	878.5
67,5°	107.5	105.3	104.6	102.2	103.3	100.8	27.9	906.5
70,0°	92.1	89.6	89.0	86.5	88.0	85.0	24.4	930.9
72,5°	76.1	74.0	72.9	71.6	72.1	69.9	20.7	951.6
75,0°	60.8	58.7	57.7	56.7	56.5	54.8	17.0	968.6
77,5°	45.2	43.4	42.8	41.9	41.1	39.9	13.0	981.6
80,0°	31.2	29.8	29.3	28.2	27.6	26.7	9.3	990.9
82,5°	18.4	17.3	16.8	15.7	15.4	14.8	5.8	996.7
85,0°	8.5	7.5	7.1	6.5	6.3	5.8	2.9	999.5
87,5°	2.2	1.7	1.5	1.1	1.1	0.9	0.9	1000.5

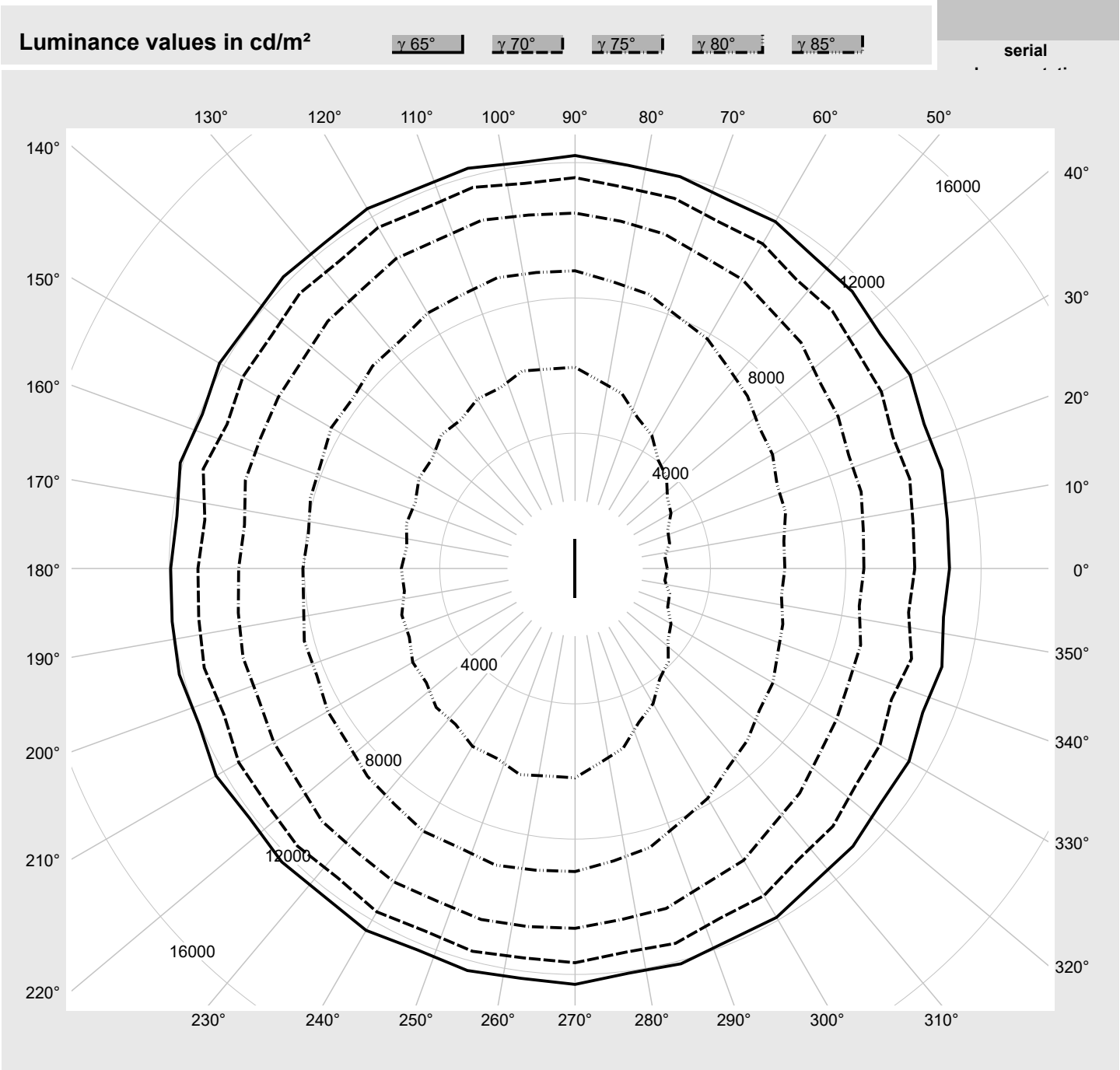
Photometric test report

Family Silica® 21			Order number: 51MX20DA42WB EAN: 4058352898604							LP number 59411_334	
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	21.0	22.7	21.4	23.0	23.3	21.3	23.0	21.7	23.3	23.6
	3H	22.5	24.0	22.9	24.3	24.7	23.0	24.5	23.3	24.8	25.2
	4H	23.0	24.4	23.4	24.8	25.1	23.6	25.0	24.0	25.4	25.7
	6H	23.3	24.6	23.7	25.0	25.4	24.0	25.4	24.5	25.7	26.1
	8H	23.3	24.6	23.8	25.0	25.4	24.2	25.4	24.6	25.8	26.2
	12H	23.4	24.6	23.8	24.9	25.4	24.3	25.4	24.7	25.8	26.2
4H	2H	21.8	23.2	22.2	23.6	23.9	22.1	23.5	22.4	23.8	24.2
	3H	23.4	24.6	23.8	25.0	25.4	23.9	25.1	24.3	25.5	25.9
	4H	24.0	25.1	24.5	25.5	26.0	24.6	25.7	25.1	26.1	26.6
	6H	24.4	25.4	24.9	25.8	26.2	25.2	26.1	25.6	26.6	27.0
	8H	24.5	25.4	25.0	25.8	26.3	25.3	26.2	25.8	26.7	27.1
	12H	24.5	25.3	25.0	25.8	26.2	25.5	26.2	25.9	26.7	27.2
8H	4H	24.4	25.2	24.8	25.7	26.1	24.9	25.8	25.4	26.2	26.7
	6H	24.8	25.5	25.3	26.0	26.5	25.6	26.3	26.1	26.8	27.3
	8H	24.9	25.6	25.4	26.0	26.5	25.8	26.4	26.3	26.9	27.4
	12H	25.0	25.5	25.5	26.0	26.5	25.9	26.5	26.4	26.9	27.5
12H	4H	24.4	25.2	24.9	25.6	26.1	25.0	25.7	25.4	26.2	26.7
	6H	24.9	25.5	25.4	26.0	26.5	25.6	26.2	26.1	26.7	27.2
	8H	25.0	25.5	25.5	26.0	26.6	25.9	26.4	26.4	26.9	27.4

Luminance table		Max. for $\gamma \geq 65^\circ$							Photometric dimensions in mm:			L = 1200 B = 50	
C-planes		0,0°	30,0°	60,0°	90,0°	120,0°	150,0°	180,0°	210,0°	240,0°	270,0°	300,0°	330,0°
γ		Luminance in cd/m²											
45,0°		12970.0	13026.0	13199.8	13473.7	13450.1	13408.9	13394.1	13408.9	13450.1	13523.7	13282.2	13058.4
50,0°		12648.0	12777.6	12959.0	13257.1	13224.6	13198.8	13150.2	13244.1	13250.6	13312.1	13023.8	12784.1
55,0°		12228.1	12420.6	12649.3	12965.2	12947.0	12918.0	12827.2	12976.1	12997.8	13026.9	12700.1	12416.9
60,0°		11707.7	11982.6	12261.6	12619.8	12640.6	12557.3	12436.6	12644.8	12673.9	12690.6	12336.6	11949.2
65,0°		11067.3	11436.9	11840.9	12210.5	12284.4	12136.5	11954.2	12254.8	12353.4	12294.2	11909.8	11397.4
70,0°		10040.3	10454.4	11087.7	11556.4	11641.7	11337.2	11148.5	11477.3	11720.8	11653.8	11166.7	10411.8
75,0°		8536.9	8979.4	9872.5	10508.2	10580.5	10130.0	9944.9	10282.9	10701.2	10636.9	9961.1	8923.1
80,0°		6200.1	6739.8	7831.0	8802.4	8718.5	8322.8	8046.8	8442.8	8970.3	8958.3	7843.0	6751.8
85,0°		2723.9	3273.2	4539.9	5949.3	5782.3	5328.4	5137.0	5543.2	6069.1	6188.5	4611.5	3273.2

Photometric test report

Family Silica® 21	Order number: 51MX20DA42WB EAN: 4058352898604	LP number 59411_334
----------------------	--	------------------------



Photometric test report

Family Silica® 21	Order number: 51MX20DA42WB EAN: 4058352898604	LP number 59411_334
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	2400	15.2
95	241	252	2280	14.4
90	228	250	2160	13.7
85	215	248	2040	12.9
80	202	246	1919	12.1
75	189	243	1798	11.4
70	176	241	1676	10.6
65	164	238	1564	10.0
60	151	235	1442	9.2
55	138	232	1319	8.5
50	125	228	1195	7.8
45	113	224	1082	7.1
40	100	220	958	6.4
35	88	215	843	5.8
30	75	209	718	5.0
25	63	203	602	4.4
20	50	194	477	3.6
15	38	184	360	3.0
10	26	171	244	2.2
5	14	148	128	1.3