

Photometric test report

Family
Silica® 21

Order number: **51MX20TCT5W**
EAN: **4058352796597**

LP number
59411_109

serial
documentation
03.05.2023

siteco

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

Lamps LED 6500 K | CRI ≥ 80

Controlgear ECG-DALI

Setting individual position

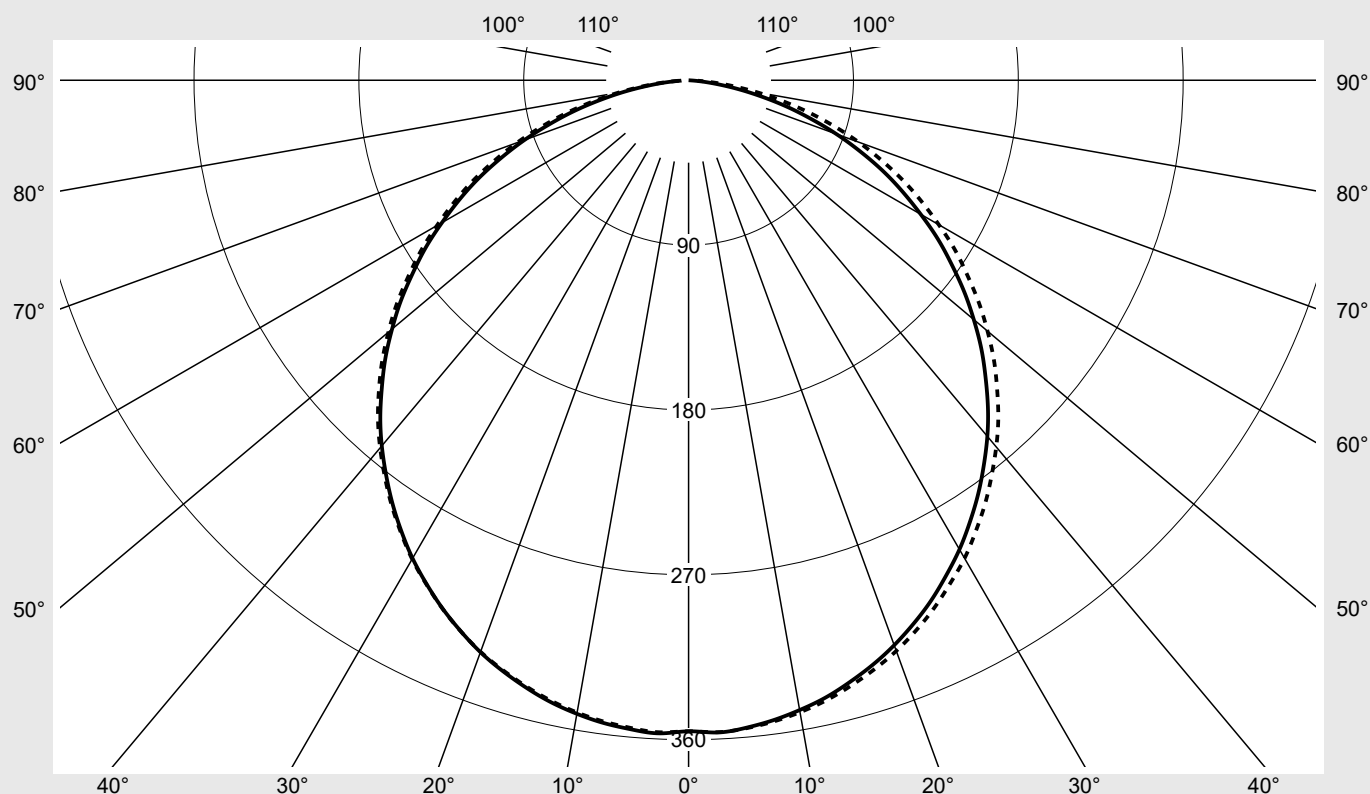
Rated values Net luminous flux = 6000 lm
Power consumption = 51.3 W
Luminous efficacy = 117 lm/W

Luminous intensity in cd/klm

C180-0

C270-90

Imax: 357 cd/klm



Classifications

DIN 5040 A 4 0
CIE N1=48 N2=79 N3=96
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 Silica® 21	Order number: 51MX20TCT5W EAN: 4058352796597	LP number 59411_109
----------------------	---	------------------------

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: 51MX20TCT5W EAN: 4058352796597	LP number 59411_109
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: 51MX20TCT5W EAN: 4058352796597	LP number 59411_109
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: 51MX20TCT5W EAN: 4058352796597	LP number 59411_109
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: 51MX20TCT5W EAN: 4058352796597	LP number 59411_109
----------------------	---	------------------------

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 = 3000 B = 50	
C-planes	γ	0,0°	30,0°	60,0°	90,0°	120,0°	150,0°	180,0°	210,0°	240,0°	270,0°	300,0°	330,0°		
		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: 51MX20TCT5W EAN: 4058352796597	LP number 59411_109
----------------------	---	------------------------

