

Photometric test report

Family Silica® 21	Order number: 51MX20TBT2B EAN: 4058352687093	LP number 59411_127
	Version surface-mounted luminaire, with homogeneous illumination, cover, opal, direct distribution, extremely wide distribution, tunable white	serial documentation 03.05.2023
	Lamps LED 6500 K CRI ≥ 80	Controlgear ECG-DALI
Setting individual position	Rated values Net luminous flux = 3000 lm Power consumption = 25.6 W Luminous efficacy = 117.2 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

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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

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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

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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: 51MX20TBT2B EAN: 4058352687093	LP number 59411_127
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Table of values for luminous intensities Maximum luminous intensity

C-planes γ	315,0°	322,5°	330,0°	337,5°	345,0°	352,5°	Phi-zone	Total Phi-zone
	Luminous intensity in cd/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: 51MX20TBT2B EAN: 4058352687093	LP number 59411_127
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UGR-Table	Standard room	siteco
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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 = 1500
			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: 51MX20TBT2B EAN: 4058352687093	LP number 59411_127
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **serial**

