

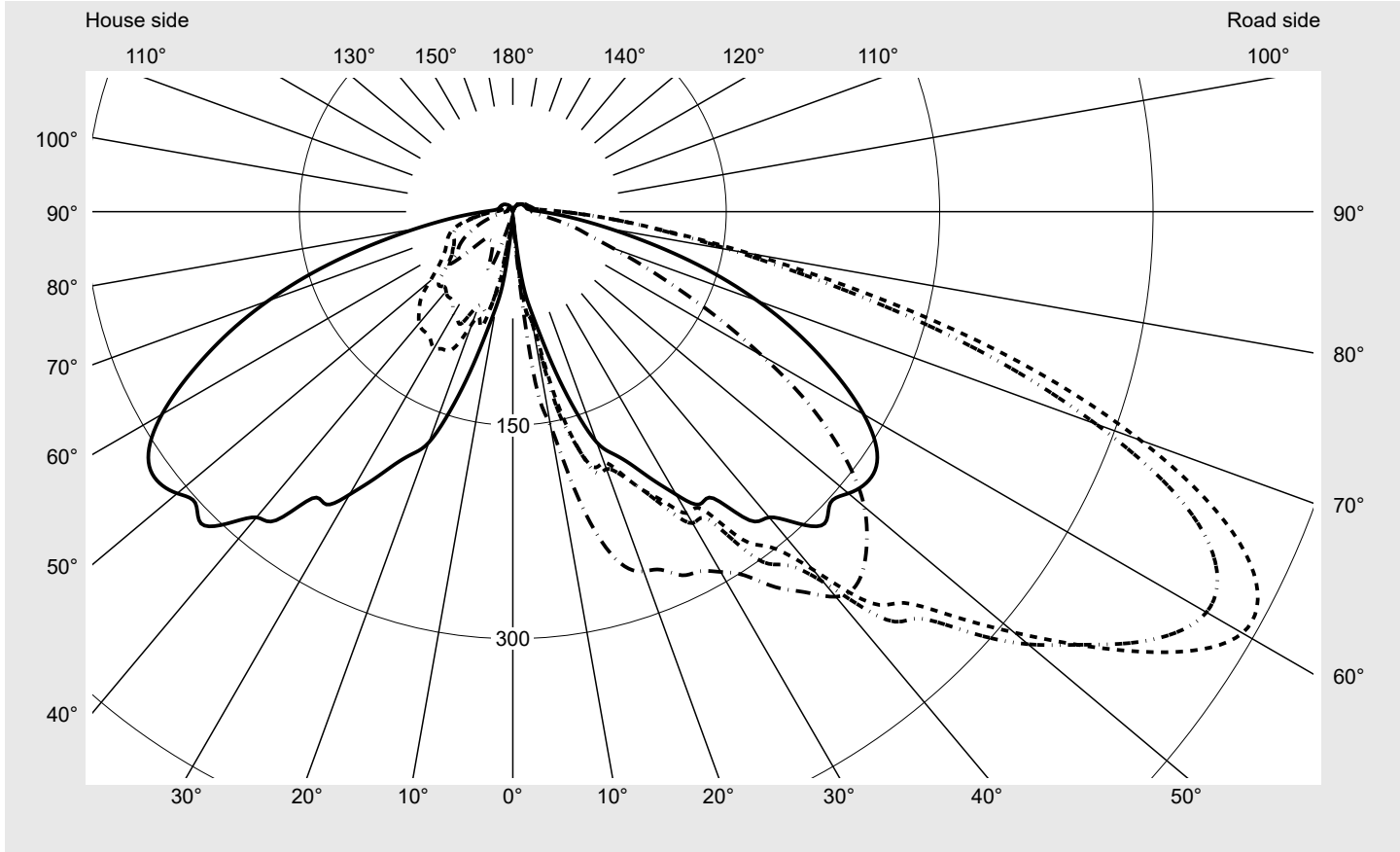
Photometric test report

Family DL 11 iQ	Order number: 5XA5565MF14H000022 + 5XA54000XS EAN: 4058352956205 + 4050737730073	LP number 59423_54
	Version post-top- or mounting to wall arm, spreader element, structured Optic asymmetric, wide distribution (ST1.2a) Cover cover transparent, PMMA Lamps LED 2700 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 1480 lm Power consumption = 11.8 W Luminous efficacy = 125.4 lm/W	serial documentation 13.09.2023





Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 592 cd/klm**



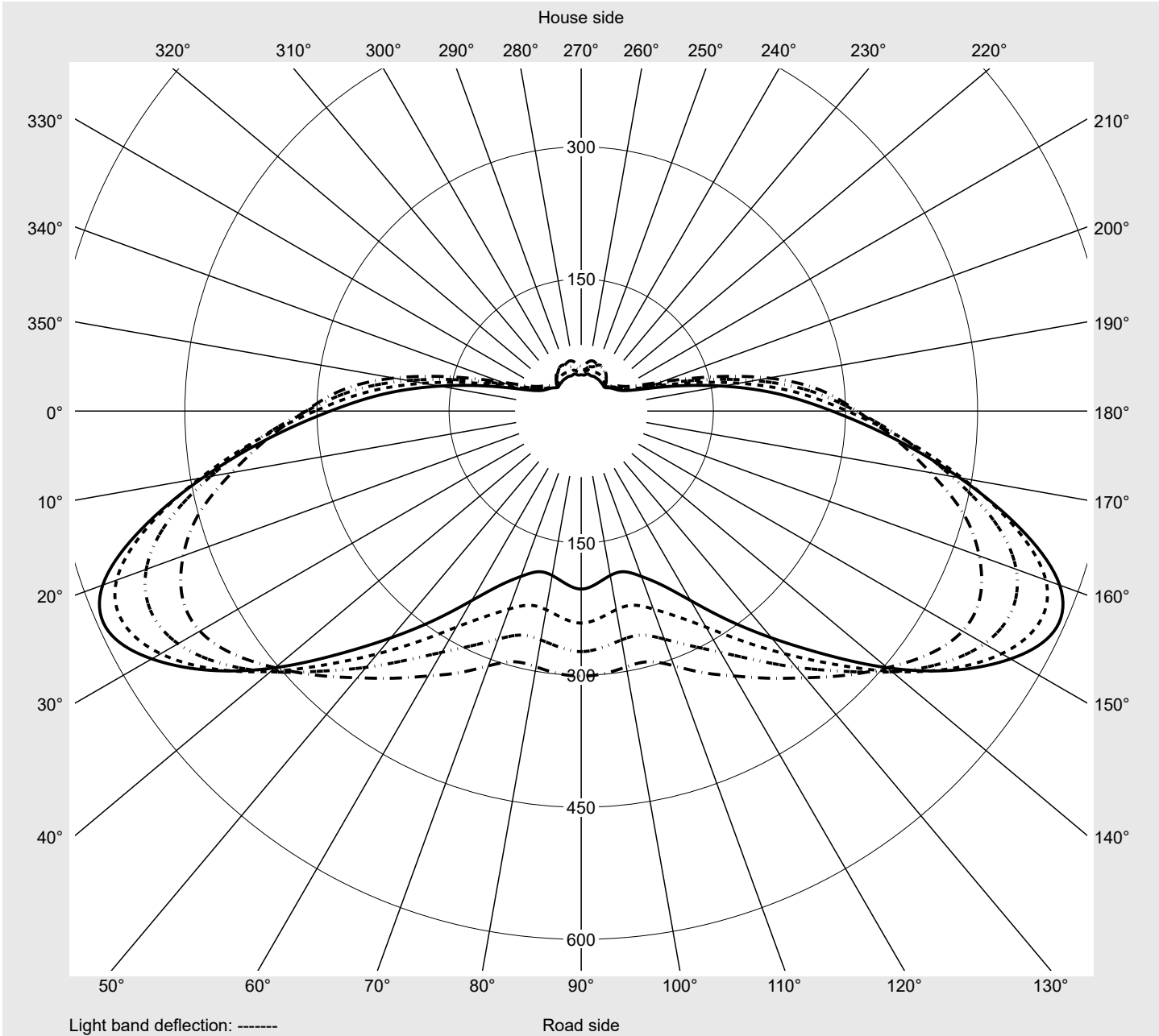
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	95.1%
Eta 90° - 180°	4.9%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G1
Imax 70°	469.3
Imax 80°	168.7
Imax 90°	35.3
Imax >90°	25.2
Imax >95°	18.8

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Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Luminous intensity in cd/klm												
0,0°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
2,5°	5.3	5.4	5.7	5.8	6.2	6.4	6.8	6.9	7.3	7.7	8.2	8.4	8.6
5,0°	10.3	11.6	13.2	15.2	18.3	22.1	26.2	29.3	31.5	33.4	34.2	34.9	35.8
7,5°	46.2	55.4	62.1	65.7	68.7	70.1	70.0	69.0	69.1	70.6	73.0	78.2	85.1
10,0°	68.1	68.8	70.7	72.6	74.3	76.6	81.1	88.8	99.9	113.0	125.4	135.7	141.0
12,5°	88.4	97.3	100.1	99.8	109.8	125.9	137.7	151.6	159.3	160.4	160.9	164.4	169.3
15,0°	116.9	122.8	143.4	157.3	166.0	166.9	167.9	171.5	178.0	182.6	185.5	191.4	198.1
17,5°	146.9	161.4	179.7	182.2	182.5	188.2	191.8	192.9	197.8	200.2	203.6	205.5	213.0
20,0°	172.5	175.6	182.8	188.6	188.1	187.6	192.4	193.8	197.9	203.4	205.1	211.3	219.8
22,5°	184.1	193.5	200.2	199.1	196.0	199.1	200.8	202.5	207.7	213.3	219.2	226.0	232.4
25,0°	195.6	198.7	205.6	212.0	212.0	215.6	215.6	220.5	224.7	231.3	237.9	244.2	252.9
27,5°	212.0	220.9	225.9	226.6	226.4	229.4	235.7	238.8	245.3	251.6	258.1	265.9	272.5
30,0°	229.5	229.1	236.7	238.1	238.8	244.6	252.7	259.0	267.6	277.4	284.0	289.9	297.2
32,5°	243.9	238.0	247.4	246.7	245.0	247.9	256.9	265.9	280.8	292.6	303.5	308.2	315.0
35,0°	245.8	248.8	258.8	262.2	271.4	281.0	296.7	301.7	315.7	323.1	331.8	334.9	341.1
37,5°	273.3	275.2	279.1	283.8	288.3	296.9	312.6	323.2	339.0	345.5	357.8	358.3	361.4
40,0°	280.3	285.4	291.6	295.8	305.8	328.3	339.9	354.3	366.5	377.9	384.1	386.9	387.2
42,5°	297.2	307.0	319.5	331.3	347.1	373.0	388.9	400.3	404.4	406.2	405.7	402.7	395.8
45,0°	309.9	323.1	337.2	350.8	366.4	388.7	404.2	413.7	417.2	418.2	414.2	405.5	396.4
47,5°	302.8	324.5	346.3	370.2	392.6	421.1	438.5	443.8	436.8	427.5	415.1	401.2	390.0
50,0°	307.9	341.1	374.7	408.9	435.5	460.0	472.8	464.8	445.5	429.9	409.2	388.4	370.9
52,5°	313.1	357.3	402.7	449.0	480.8	499.7	499.9	481.5	453.5	424.4	395.5	370.4	347.5
55,0°	311.9	368.0	427.2	486.0	525.5	538.9	528.5	499.5	460.6	417.8	380.0	345.2	316.4
57,5°	302.2	367.8	439.5	509.7	561.3	572.6	551.2	510.4	460.0	406.9	360.0	318.7	283.4
60,0°	284.8	356.1	436.1	516.4	578.1	592.1	563.0	513.5	453.5	390.7	336.4	289.5	248.6
62,5°	262.1	335.4	420.9	507.0	574.4	590.3	558.4	504.0	439.6	371.9	312.4	261.9	218.0
65,0°	237.1	309.7	395.6	484.4	553.9	568.3	536.3	480.5	416.0	347.4	285.3	232.6	188.3
67,5°	211.0	281.8	365.6	450.9	516.9	526.8	495.2	442.2	380.3	315.8	256.6	206.4	161.7
70,0°	182.8	249.8	327.7	407.4	465.6	469.3	436.2	390.8	334.6	275.9	225.7	182.5	143.8
72,5°	153.4	212.6	280.4	350.9	400.1	400.6	369.0	331.3	283.1	236.3	192.5	153.9	121.0
75,0°	122.9	170.3	225.0	281.1	321.3	321.9	293.2	262.9	221.6	178.6	150.2	127.8	102.2
77,5°	93.8	127.4	166.7	207.8	237.5	238.6	216.8	194.2	163.0	135.0	120.5	110.2	98.2
80,0°	69.9	92.4	118.9	147.1	167.9	168.7	156.6	143.3	124.5	104.5	91.4	82.2	70.2
82,5°	51.4	65.6	82.0	99.9	112.6	114.4	110.3	106.5	96.6	80.9	65.7	58.2	47.0
85,0°	37.7	46.6	57.1	68.0	76.3	78.2	77.9	76.9	70.7	56.3	47.9	42.5	35.4
87,5°	27.1	32.9	39.5	46.3	51.2	52.5	51.9	51.4	47.5	40.3	35.6	32.2	28.3
90,0°	20.3	23.7	27.5	31.3	34.4	35.3	35.2	35.1	33.1	30.1	27.9	26.3	24.0
92,5°	15.6	17.5	19.3	21.3	23.2	24.2	24.8	25.2	24.6	23.4	22.7	22.2	21.3
95,0°	13.0	13.9	14.9	16.2	17.3	18.0	18.7	19.2	19.2	18.9	19.0	19.4	19.6
97,5°	11.6	12.1	12.7	13.3	14.0	14.5	15.0	15.5	15.7	15.8	17.5	17.1	18.2
100,0°	10.6	11.1	11.3	11.9	12.1	12.4	12.8	13.1	13.3	13.7	14.2	15.0	16.2
102,5°	10.0	10.2	10.6	10.9	11.2	11.3	11.6	11.8	11.9	12.1	12.8	13.4	14.7
105,0°	10.0	10.1	10.4	10.7	10.7	10.9	11.1	11.2	11.3	11.6	11.9	12.4	13.2
107,5°	9.7	10.0	10.1	10.4	10.4	10.7	10.7	10.9	11.1	11.2	11.5	11.8	12.3
110,0°	9.6	9.7	10.0	10.1	10.4	10.4	10.6	10.7	10.7	10.9	11.2	11.2	11.6
112,5°	9.3	9.7	9.9	10.0	10.0	10.2	10.4	10.4	10.5	10.6	10.7	10.9	11.1

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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Luminous intensity in cd/klm												
0,0°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
2,5°	9.1	9.1	9.1	9.3	9.3	9.3	5.0	4.8	4.7	4.6	4.3	4.3	4.3
5,0°	36.7	36.8	37.4	37.9	36.2	35.0	8.9	7.8	7.1	6.5	5.7	5.2	4.8
7,5°	94.6	100.3	108.4	113.8	119.4	120.8	38.2	29.6	19.3	13.3	9.5	7.2	6.0
10,0°	144.0	144.4	144.7	145.8	149.6	152.8	69.5	69.8	66.3	58.4	45.7	32.5	21.8
12,5°	179.0	185.1	189.3	193.3	198.8	199.0	83.3	76.7	72.3	65.5	64.6	64.6	59.7
15,0°	209.2	220.4	228.5	232.3	235.7	239.1	110.6	101.6	98.0	85.5	83.6	73.0	65.4
17,5°	220.5	230.2	240.2	248.5	257.0	261.2	124.3	111.7	98.1	86.1	77.9	70.0	61.8
20,0°	229.7	241.5	252.7	257.4	264.2	268.9	158.3	143.9	122.7	101.2	83.5	70.5	58.6
22,5°	239.8	248.7	259.0	262.9	267.7	272.3	176.1	161.9	143.4	121.5	100.4	77.3	57.8
25,0°	260.9	265.7	272.4	275.9	279.4	281.9	187.6	170.6	150.0	128.7	108.0	87.1	66.6
27,5°	276.6	279.5	286.6	285.9	284.6	284.8	200.4	179.8	158.7	134.3	108.6	84.5	63.5
30,0°	297.5	295.3	296.7	294.2	291.7	292.3	216.5	193.3	168.4	139.5	110.8	83.3	62.1
32,5°	314.4	312.2	310.9	306.7	302.2	302.9	231.3	209.5	178.9	141.6	107.4	78.5	58.9
35,0°	336.5	330.3	325.4	325.0	322.5	322.1	228.9	203.6	176.3	140.7	104.9	75.1	56.6
37,5°	361.7	356.6	348.1	344.9	339.8	336.9	261.8	230.2	191.5	146.8	104.4	75.0	57.9
40,0°	383.1	369.9	355.7	352.3	352.9	353.2	265.3	237.8	193.7	146.2	102.4	73.0	58.2
42,5°	387.7	372.8	358.9	356.2	356.6	356.7	275.8	238.6	186.7	140.7	97.7	71.5	59.7
45,0°	387.8	370.2	352.7	348.1	349.1	349.6	289.5	246.2	189.6	134.8	92.6	73.4	63.8
47,5°	376.0	353.5	337.0	335.7	337.5	337.6	278.7	233.8	173.0	120.5	86.1	69.0	59.0
50,0°	354.3	332.8	318.6	318.9	321.5	322.5	275.8	225.9	163.5	111.2	76.0	61.3	54.0
52,5°	327.9	308.0	294.8	295.0	299.3	301.0	272.6	215.9	149.1	96.4	68.1	56.0	50.1
55,0°	294.1	275.7	263.4	264.0	269.6	273.3	261.3	199.5	135.2	87.1	62.2	52.1	47.3
57,5°	257.5	239.3	228.3	229.1	236.2	240.8	244.8	182.1	122.3	79.5	58.4	50.2	46.0
60,0°	218.4	199.9	189.0	189.6	197.0	202.2	224.2	163.2	109.6	72.5	55.0	47.9	44.4
62,5°	184.5	163.5	152.7	153.9	160.3	164.4	202.2	145.6	98.7	67.7	52.9	46.5	43.4
65,0°	153.3	130.7	119.4	121.1	126.2	128.2	178.4	128.0	88.7	62.8	50.8	45.5	43.2
67,5°	126.6	103.3	92.1	92.6	97.0	98.6	156.3	112.8	80.3	59.2	49.5	45.2	43.1
70,0°	104.7	81.3	70.2	69.4	73.1	74.6	134.4	99.5	73.0	55.4	47.6	44.1	42.3
72,5°	87.0	64.4	54.2	52.4	55.2	57.5	113.5	86.0	65.5	51.3	45.2	42.5	40.6
75,0°	72.1	51.5	42.4	40.5	44.0	47.7	92.4	72.3	57.3	46.1	41.4	39.1	36.8
77,5°	61.8	41.8	33.9	31.8	34.4	37.1	72.1	58.4	48.5	40.1	36.7	34.7	32.3
80,0°	47.7	33.7	27.7	25.7	26.8	27.8	55.6	46.6	39.6	33.9	31.5	29.8	27.8
82,5°	35.8	27.3	22.5	20.9	20.9	21.4	42.1	36.4	31.8	27.9	26.1	24.9	23.1
85,0°	28.5	22.5	18.9	17.5	17.3	17.4	32.0	28.4	25.4	22.9	21.5	20.8	19.0
87,5°	23.7	19.6	16.8	15.5	14.7	14.6	23.8	21.5	19.8	18.0	17.2	16.6	15.2
90,0°	21.3	18.5	16.3	14.9	14.0	13.5	18.0	16.6	15.1	13.7	12.7	11.9	10.7
92,5°	20.2	18.2	16.5	15.0	14.3	13.8	14.4	13.2	12.1	11.1	10.0	9.3	8.6
95,0°	19.5	18.4	16.8	15.4	14.9	14.5	12.3	11.4	10.5	9.7	9.0	8.3	7.6
97,5°	18.8	18.0	16.6	15.6	15.0	14.9	10.9	10.2	9.7	9.0	8.3	7.7	7.3
100,0°	17.4	17.2	16.1	15.2	14.7	14.5	10.2	9.5	9.0	8.5	7.9	7.4	7.1
102,5°	15.7	15.8	15.2	14.6	14.0	13.8	9.7	9.2	8.8	8.3	7.8	7.4	6.9
105,0°	14.1	14.4	14.0	13.7	13.3	13.1	9.5	9.0	8.7	8.1	7.8	7.4	6.9
107,5°	12.8	13.1	13.0	12.8	12.7	12.5	9.4	9.0	8.6	8.1	7.8	7.4	6.9
110,0°	11.8	12.1	12.3	12.1	12.0	11.8	9.3	8.8	8.5	8.0	7.7	7.3	6.9
112,5°	11.2	11.4	11.3	11.4	11.4	11.4	9.0	8.7	8.5	8.0	7.6	7.3	6.9

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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	0.0	0.0
2,5°	4.3	4.6	4.8	5.0	5.3	5.3	5.0	5.0	4.8	4.7	4.8	0.1	0.1
5,0°	4.5	4.3	4.1	4.0	3.8	3.8	3.6	3.6	3.8	3.6	3.7	0.4	0.5
7,5°	5.4	5.0	5.0	4.9	4.7	4.5	4.5	4.5	4.1	4.0	3.8	1.6	2.1
10,0°	15.2	9.2	6.6	5.6	5.2	4.7	4.5	4.3	4.3	4.3	4.1	3.2	5.4
12,5°	47.1	31.4	18.8	11.0	7.2	6.2	6.1	5.6	5.4	5.0	4.8	5.6	11.0
15,0°	60.8	58.1	54.1	43.5	29.1	18.9	11.8	7.8	6.5	5.9	5.5	8.5	19.5
17,5°	55.3	49.9	48.2	47.3	46.9	43.3	35.5	27.4	20.0	15.3	12.3	11.0	30.5
20,0°	49.0	44.2	42.9	41.0	39.4	40.5	41.8	42.8	42.9	40.0	33.7	13.2	43.7
22,5°	46.8	40.7	38.4	38.5	37.5	38.1	41.9	44.8	50.4	49.3	44.3	15.7	59.3
25,0°	51.1	40.1	36.3	36.3	36.4	35.4	44.3	46.7	47.5	41.5	37.8	18.3	77.7
27,5°	49.3	40.0	35.8	35.8	35.3	33.2	38.8	41.5	40.5	34.5	32.1	21.1	98.8
30,0°	48.2	40.1	35.7	35.6	34.7	32.5	34.4	37.2	35.7	30.3	28.5	24.1	122.8
32,5°	47.3	40.1	36.3	35.3	34.4	32.3	30.8	33.7	32.1	27.4	26.5	26.8	149.6
35,0°	46.6	39.6	35.9	35.4	34.4	32.1	29.5	31.4	30.1	26.1	25.5	30.4	180.0
37,5°	46.7	39.4	35.9	35.1	34.0	31.8	28.5	29.1	28.8	25.7	25.5	34.4	214.5
40,0°	49.2	41.5	37.3	35.6	35.2	32.1	27.8	28.0	28.1	25.4	25.9	38.2	252.7
42,5°	52.0	43.3	38.9	38.0	36.5	34.7	29.2	28.5	28.1	25.4	25.5	42.3	295.0
45,0°	52.6	42.7	40.9	42.1	42.3	40.4	36.2	34.4	31.4	26.9	26.1	45.3	340.3
47,5°	51.0	43.3	45.4	50.3	51.9	49.2	44.2	43.4	43.5	37.8	37.1	47.8	388.1
50,0°	47.0	43.0	46.8	51.7	54.8	53.8	51.5	52.3	52.8	53.3	56.9	50.3	438.4
52,5°	44.7	40.7	44.1	49.4	53.6	55.1	55.4	57.9	57.7	53.6	51.1	51.9	490.4
55,0°	42.8	39.7	43.1	47.9	52.3	55.9	55.5	52.1	50.9	47.4	46.9	52.8	543.2
57,5°	42.3	39.9	41.4	43.7	45.7	46.7	46.7	46.1	47.2	44.8	44.6	52.7	595.9
60,0°	41.1	37.8	38.5	39.4	40.6	41.1	41.8	41.6	42.8	41.0	41.2	51.4	647.3
62,5°	40.4	37.5	37.7	37.2	36.5	36.2	36.8	36.7	38.3	36.6	37.3	49.3	696.6
65,0°	40.7	37.2	36.9	35.0	32.6	31.5	32.0	31.7	33.2	31.8	32.5	46.3	742.9
67,5°	41.2	37.7	36.6	33.5	29.6	27.3	27.4	27.5	28.8	27.6	28.1	42.6	785.4
70,0°	40.9	37.2	35.3	30.8	26.4	23.2	23.1	23.2	24.3	23.6	24.0	38.1	823.5
72,5°	39.3	36.0	33.6	28.8	23.3	19.5	19.5	19.3	20.3	19.7	19.9	33.0	856.5
75,0°	35.6	32.5	29.7	25.4	21.4	16.2	16.2	16.0	16.7	16.3	16.5	27.0	883.5
77,5°	30.9	28.5	25.3	21.5	19.0	13.3	13.3	13.2	13.5	13.0	13.1	21.2	904.7
80,0°	26.1	23.8	20.9	17.5	14.6	11.4	11.0	10.7	10.9	10.6	10.4	16.1	920.8
82,5°	21.4	19.4	16.9	14.3	12.0	9.7	9.1	9.0	8.7	8.5	8.3	11.9	932.7
85,0°	17.6	15.9	14.1	12.5	10.9	8.3	7.8	7.5	7.3	6.9	6.6	8.9	941.5
87,5°	14.0	12.8	11.6	10.9	9.2	7.3	6.9	6.4	6.2	5.7	5.6	6.5	948.1
90,0°	9.8	8.8	8.1	7.1	6.6	6.2	5.8	5.5	5.4	5.0	4.9	4.9	953.0
92,5°	7.9	7.3	6.7	6.0	5.7	5.4	4.9	4.7	4.4	4.3	4.1	3.9	956.9
95,0°	7.1	6.7	6.1	5.7	5.4	4.9	4.7	4.3	4.2	4.0	3.9	3.4	960.3
97,5°	6.7	6.4	6.0	5.5	5.2	4.9	4.7	4.3	4.0	3.8	3.5	3.0	963.3
100,0°	6.7	6.2	5.9	5.5	5.2	4.9	4.5	4.3	4.1	3.8	3.5	2.8	966.1
102,5°	6.7	6.2	5.9	5.6	5.2	4.9	4.5	4.3	4.1	3.8	3.5	2.6	968.6
105,0°	6.6	6.2	5.9	5.5	5.2	4.9	4.7	4.3	4.0	3.8	3.5	2.4	971.1
107,5°	6.6	6.2	5.9	5.5	5.2	4.9	4.7	4.3	4.1	3.8	3.5	2.3	973.4
110,0°	6.6	6.2	5.9	5.5	5.2	4.9	4.7	4.3	4.1	3.8	3.5	2.2	975.6
112,5°	6.6	6.2	5.9	5.5	5.2	4.9	4.7	4.3	4.2	3.8	3.5	2.1	977.8

Photometric test report

Family DL 11 iQ	Order number: 5XA5565MF14H000022 + 5XA54000XS EAN: 4058352956205 + 4050737730073	LP number 59423_54
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Luminous intensity in cd/klm												
115,0°	9.3	9.4	9.7	9.7	10.0	10.0	10.0	10.0	10.2	10.4	10.4	10.5	10.6
117,5°	9.0	9.2	9.3	9.5	9.7	9.7	9.9	10.0	10.0	10.0	10.0	10.2	10.4
120,0°	9.0	9.0	9.3	9.3	9.3	9.5	9.5	9.7	9.7	9.7	10.0	10.0	10.0
122,5°	8.6	8.8	9.0	9.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.7	9.7
125,0°	8.5	8.6	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.3	9.3	9.3
127,5°	8.3	8.3	8.3	8.6	8.6	8.6	8.6	8.6	8.8	8.8	9.0	9.0	9.0
130,0°	7.9	7.9	8.1	8.3	8.3	8.3	8.3	8.6	8.5	8.6	8.6	8.6	8.6
132,5°	7.6	7.6	7.6	7.9	7.9	7.9	7.9	8.1	8.3	8.3	8.3	8.3	8.3
135,0°	7.2	7.3	7.3	7.6	7.6	7.6	7.6	7.6	7.9	7.9	7.9	7.9	7.9
137,5°	6.7	6.9	6.9	7.1	7.3	7.3	7.3	7.3	7.4	7.6	7.6	7.6	7.6
140,0°	6.2	6.4	6.6	6.6	6.9	6.9	6.9	6.9	7.1	7.3	7.3	7.3	7.3
142,5°	6.0	6.1	6.2	6.3	6.6	6.6	6.6	6.6	6.7	6.9	6.9	6.9	6.9
145,0°	5.7	5.9	5.9	5.9	6.2	6.2	6.2	6.2	6.4	6.6	6.6	6.6	6.6
147,5°	5.2	5.4	5.5	5.5	5.7	5.9	5.9	5.9	5.9	6.1	6.2	6.2	6.2
150,0°	4.8	4.7	4.8	5.0	5.2	5.2	5.2	5.3	5.4	5.5	5.5	5.5	5.5
152,5°	4.1	4.1	4.1	4.3	4.5	4.4	4.5	4.5	4.5	4.7	4.8	4.8	4.8
155,0°	3.1	3.1	3.3	3.3	3.5	3.5	3.6	3.6	3.6	3.7	3.8	3.8	3.8
157,5°	2.4	2.3	2.4	2.4	2.4	2.6	2.6	2.6	2.6	2.6	2.8	2.6	2.6
160,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.8	1.9	1.8
162,5°	1.6	1.6	1.5	1.4	1.4	1.5	1.6	1.4	1.4	1.5	1.6	1.5	1.4
165,0°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
167,5°	1.4	1.4	1.4	1.6	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
170,0°	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.4	1.4	1.4	1.4	1.4	1.4
172,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family DL 11 iQ	Order number: 5XA5565MF14H000022 + 5XA54000XS EAN: 4058352956205 + 4050737730073	LP number 59423_54
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Luminous intensity in cd/klm												
115,0°	10.7	10.9	10.9	10.9	11.1	11.1	9.0	8.7	8.5	8.1	7.6	7.3	6.9
117,5°	10.4	10.5	10.5	10.6	10.7	10.7	9.0	8.6	8.3	7.9	7.6	7.3	6.9
120,0°	10.0	10.2	10.2	10.4	10.4	10.4	8.7	8.5	8.3	7.9	7.5	7.3	6.9
122,5°	9.7	9.7	9.7	9.7	9.7	9.7	8.6	8.3	7.9	7.6	7.4	7.1	6.7
125,0°	9.3	9.3	9.3	9.3	9.3	9.3	8.3	8.0	7.9	7.6	7.3	7.1	6.7
127,5°	9.0	9.0	9.0	9.0	9.0	9.0	8.0	7.9	7.6	7.4	7.1	6.9	6.6
130,0°	8.6	8.6	8.6	8.6	9.0	8.7	7.6	7.6	7.3	7.3	6.9	6.6	6.4
132,5°	8.3	8.3	8.3	8.4	8.6	8.6	7.3	7.3	6.9	6.7	6.6	6.4	6.1
135,0°	7.9	7.9	7.9	7.9	8.3	8.3	6.9	6.9	6.6	6.5	6.2	6.0	5.7
137,5°	7.6	7.6	7.6	7.6	7.9	7.7	6.6	6.3	6.2	5.9	5.9	5.5	5.5
140,0°	7.3	7.3	7.3	7.3	7.6	7.3	6.2	6.2	5.9	5.7	5.5	5.5	5.2
142,5°	6.9	6.9	6.9	6.9	7.3	7.0	5.9	5.8	5.6	5.5	5.4	5.2	4.9
145,0°	6.6	6.6	6.6	6.6	6.8	6.6	5.5	5.5	5.2	5.2	5.0	4.8	4.7
147,5°	6.2	6.2	6.2	6.2	6.4	6.3	5.2	4.9	4.8	4.8	4.7	4.5	4.3
150,0°	5.7	5.7	5.6	5.7	5.9	5.9	4.5	4.5	4.3	4.1	4.1	4.0	3.8
152,5°	4.8	4.8	4.8	4.8	4.8	4.8	3.8	3.8	3.7	3.5	3.5	3.3	3.1
155,0°	3.8	3.8	3.8	3.8	3.8	3.8	3.0	2.9	2.8	2.8	2.6	2.6	2.4
157,5°	2.8	2.8	2.8	2.8	2.8	2.8	2.3	2.2	2.1	2.1	2.1	2.1	1.9
160,0°	1.9	1.8	1.7	1.8	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
162,5°	1.7	1.4	1.4	1.4	1.6	1.5	1.7	1.7	1.6	1.4	1.6	1.4	1.4
165,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
167,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
170,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
172,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family DL 11 iQ	Order number: 5XA5565MF14H000022 + 5XA54000XS EAN: 4058352956205 + 4050737730073	LP number 59423_54
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
115,0°	6.6	6.2	5.9	5.6	5.2	4.9	4.8	4.5	4.2	3.8	3.8	2.1	979.9
117,5°	6.6	6.2	5.9	5.6	5.2	5.0	4.8	4.5	4.2	4.1	3.8	2.0	981.8
120,0°	6.6	6.2	5.9	5.5	5.2	4.9	4.8	4.5	4.2	4.1	3.8	1.9	983.8
122,5°	6.4	6.2	5.9	5.5	5.2	4.9	4.7	4.5	4.2	4.1	3.8	1.8	985.6
125,0°	6.4	6.0	5.8	5.5	5.2	4.9	4.7	4.3	4.1	4.1	3.8	1.7	987.3
127,5°	6.2	6.0	5.7	5.5	5.2	4.9	4.7	4.3	4.2	4.1	3.9	1.6	988.9
130,0°	6.2	5.9	5.5	5.4	5.2	4.8	4.7	4.3	4.2	4.1	3.8	1.5	990.4
132,5°	5.9	5.5	5.2	5.2	4.8	4.5	4.5	4.2	4.1	3.8	3.8	1.4	991.8
135,0°	5.5	5.4	5.2	4.8	4.5	4.5	4.3	4.1	3.8	3.8	3.5	1.3	993.0
137,5°	5.2	5.2	4.8	4.5	4.5	4.2	4.0	4.0	3.8	3.8	3.5	1.2	994.2
140,0°	4.9	4.8	4.5	4.5	4.2	4.0	4.0	3.8	3.8	3.6	3.5	1.0	995.2
142,5°	4.8	4.5	4.5	4.5	4.1	4.0	4.0	3.8	3.7	3.6	3.5	1.0	996.2
145,0°	4.5	4.5	4.2	4.1	4.1	3.8	3.6	3.7	3.6	3.5	3.5	0.9	997.0
147,5°	4.1	4.1	3.8	3.8	3.8	3.6	3.5	3.5	3.3	3.3	3.4	0.7	997.8
150,0°	3.8	3.5	3.5	3.5	3.1	3.1	2.9	2.9	2.8	2.8	2.8	0.6	998.4
152,5°	3.1	2.9	2.8	2.8	2.7	2.5	2.4	2.4	2.4	2.4	2.1	0.5	998.9
155,0°	2.4	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.7	0.3	999.2
157,5°	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.2	999.5
160,0°	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.6	1.4	1.4	1.4	0.2	999.6
162,5°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.1	999.8
165,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.1	999.9
167,5°	1.4	1.4	1.6	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.1	999.9
170,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.1	1000.0
172,5°	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	1000.0
177,5°	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family DL 11 iQ	Order number: 5XA5565MF14H000022 + 5XA54000XS EAN: 4058352956205 + 4050737730073	LP number 59423_54
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	1480	11.8	12.1	12.0
95	241	252	1404	11.1	11.4	11.2
90	229	250	1334	10.6	10.8	10.7
85	216	248	1259	9.9	10.2	10.0
80	203	246	1183	9.3	9.6	9.4
75	190	243	1107	8.7	9.0	8.8
70	178	241	1037	8.2	8.4	8.3
65	165	238	961	7.6	7.7	7.6
60	152	235	886	7.0	7.2	7.1
55	140	232	816	6.5	6.6	6.6
50	127	229	740	6.0	6.1	6.0
45	114	225	664	5.4	5.6	5.5
40	102	221	594	5.0	5.1	5.0
35	89	216	519	4.5	4.6	4.6
30	76	210	443	4.0	4.0	4.0
26	65	204	379	3.6	3.7	3.6