


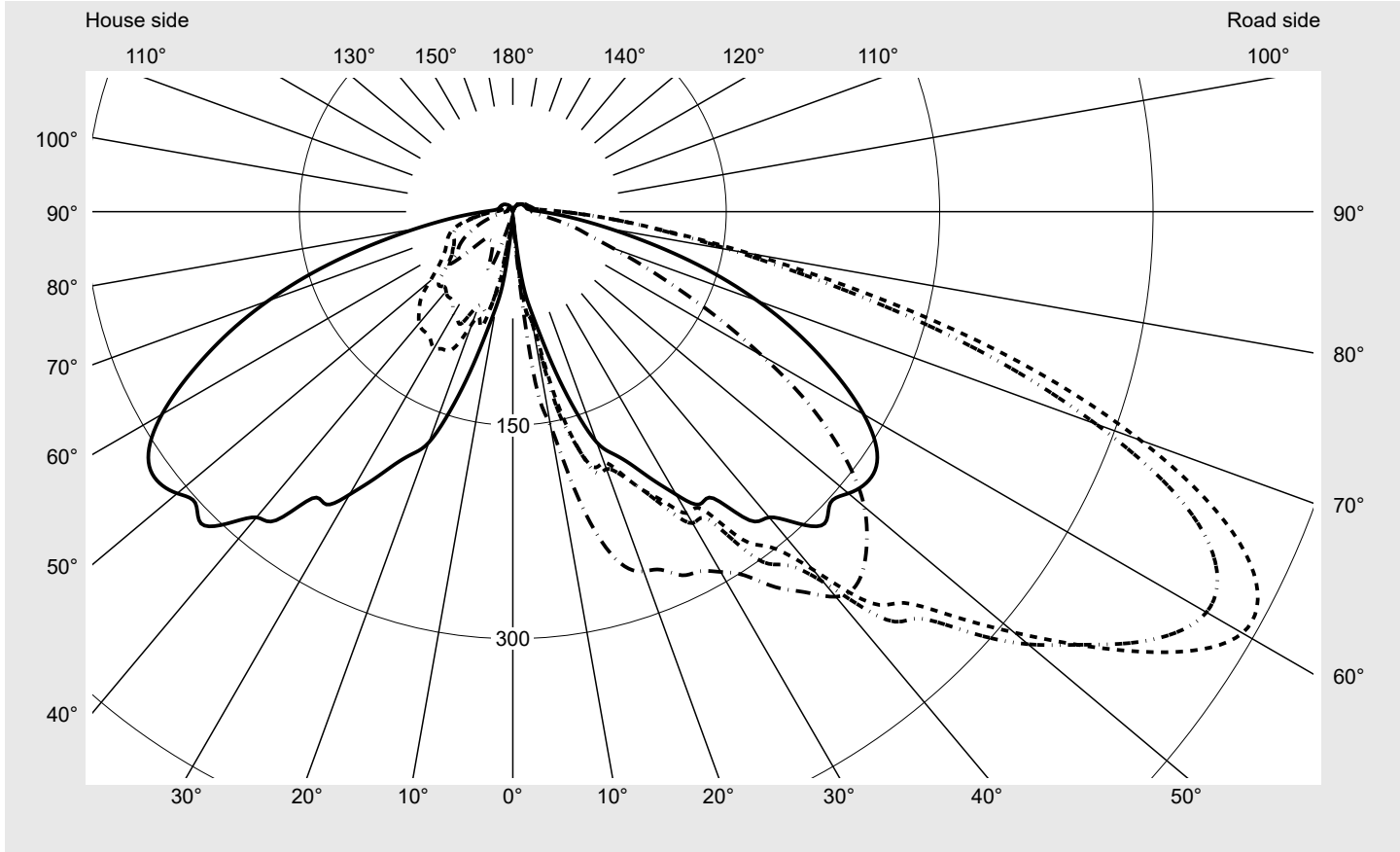


Photometric test report

Family DL 11 iQ	Order number 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
	Version post-top- or mounting to wall arm, spreader element, structured, Smart Interface up	serial documentation 18.03.2024
	Optic asymmetric, wide distribution (ST1.2a)	
	Cover cover transparent, PMMA	
	Lamps LED 3000 K CRI ≥ 70	
	Controlgear EVG SITECO iQ - Smart Interface	
	Rated values Net luminous flux = 4540 lm Power consumption = 33.5 W Luminous efficacy = 135.5 lm/W	

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%

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

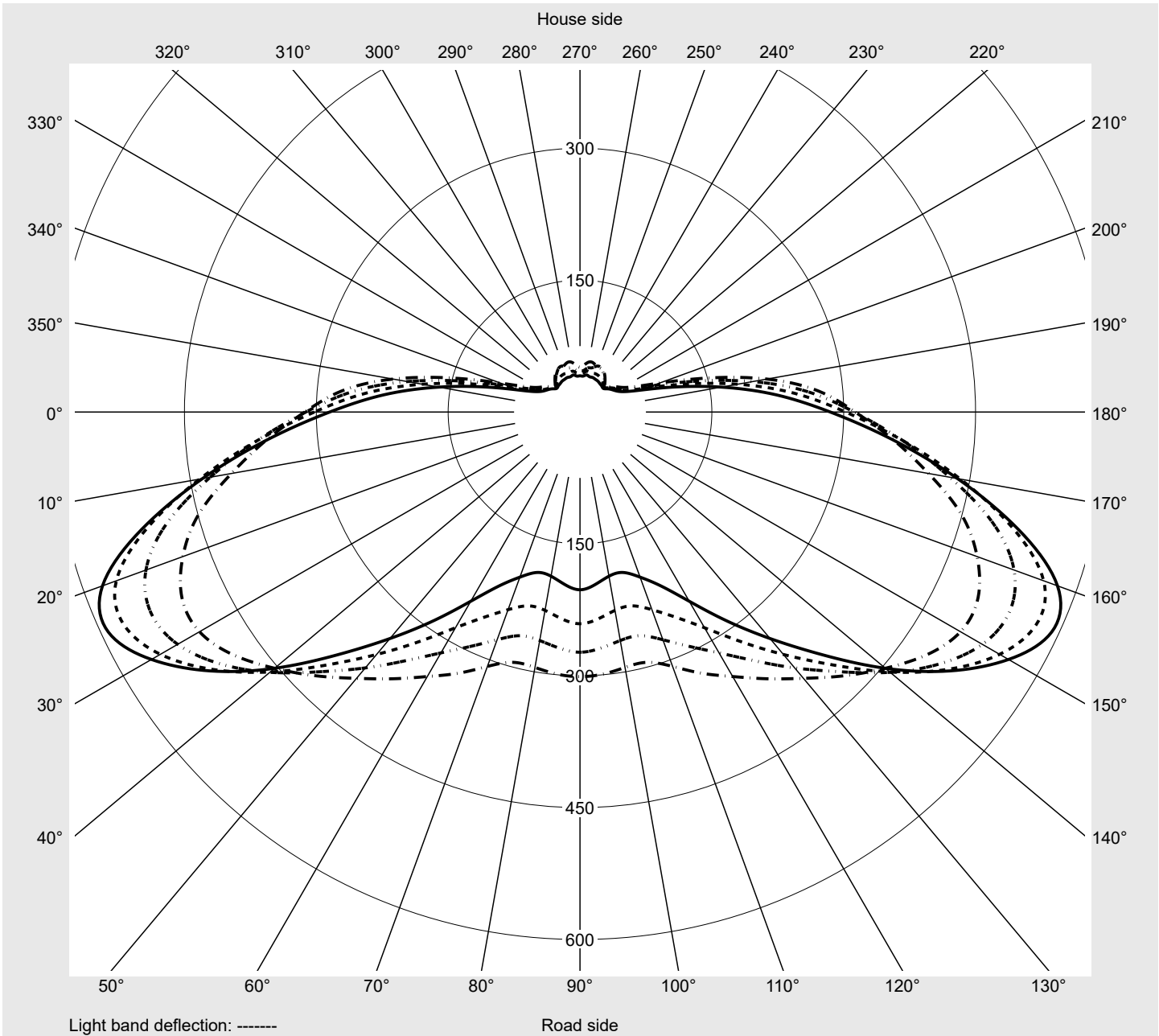
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family DL 11 iQ	Order number 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
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Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



Photometric test report

Family DL 11 iQ	Order number 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
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

Photometric test report

Family DL 11 iQ	Order number 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
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

Photometric test report

Family DL 11 iQ	Order number 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
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 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
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 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
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 5XA5565EV14HP00022 + 5XA54000XS	LP number 59423_93
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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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	4540	33.5	36.0	34.8
95	241	252	4308	31.3	33.5	32.4
90	229	250	4093	29.3	31.3	30.3
85	216	248	3861	27.3	29.2	28.2
80	203	246	3628	25.4	27.1	26.2
75	190	243	3396	23.4	25.0	24.2
70	178	241	3182	21.7	23.2	22.4
65	165	238	2949	20.0	21.3	20.6
60	152	235	2717	18.2	19.4	18.8
55	140	232	2502	16.7	17.7	17.2
50	127	229	2270	15.0	16.0	15.5
45	114	225	2038	13.4	14.3	13.8
40	102	221	1823	12.0	12.7	12.4
35	89	216	1591	10.4	11.1	10.8
30	76	210	1358	8.9	9.4	9.2
25	63	203	1126	7.5	7.9	7.7
20	51	195	912	6.2	6.6	6.4
15	38	184	679	4.8	5.0	4.9
11	28	173	500	3.8	3.9	3.8