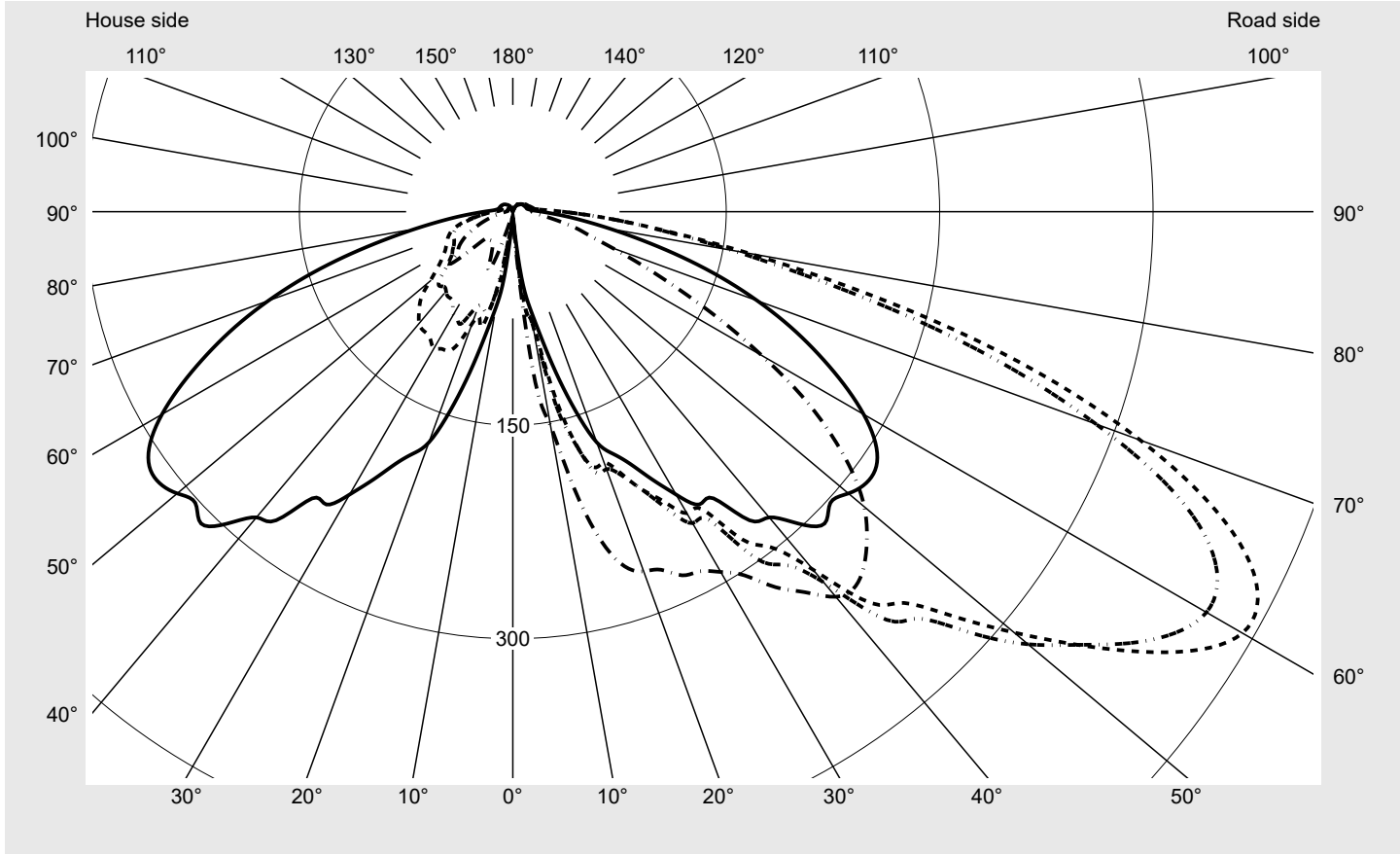


# Photometric test report

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
<b>Version</b>	post-top- or mounting to wall arm, spreader element, structured, Smart Interface up/down	<b>serial documentation</b> 18.03.2024
<b>Optic</b>	asymmetric, wide distribution (ST1.2a)	
<b>Cover</b>	cover transparent, PMMA	
<b>Lamps</b>	LED 3000 K   CRI ≥ 70	
<b>Controlgear</b>	EVG SITECO iQ - Smart Interface	
<b>Rated values</b>	Net luminous flux = 4540 lm Power consumption = 33.5 W Luminous efficacy = 135.5 lm/W	<b>siteco</b>

**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%

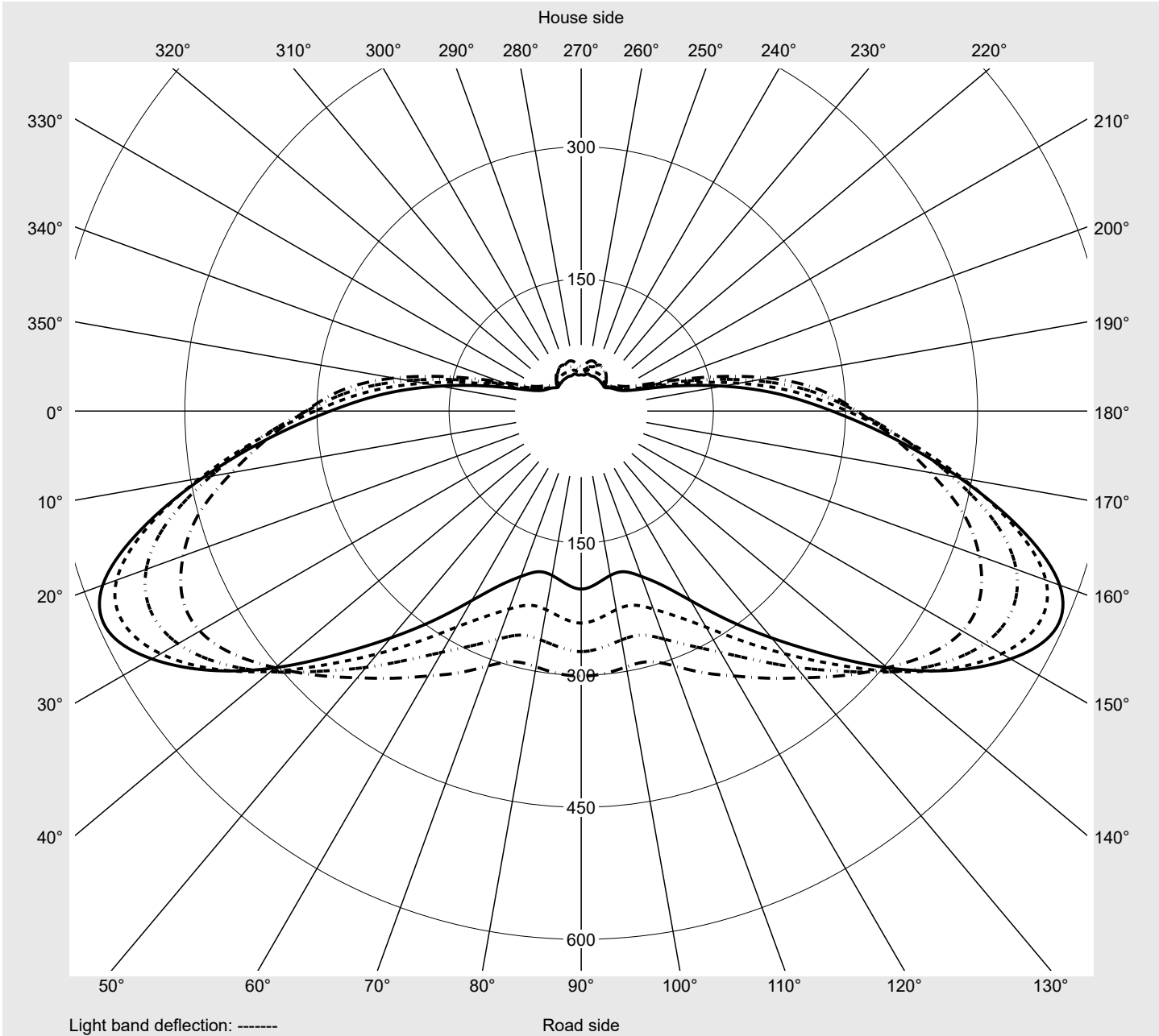
Luminous intensity class acc. to EN13201-2	
Class:	G1
Imax 70°	469.3
Imax 80°	168.7
Imax 90°	35.3
Imax >90°	25.2
Imax >95°	18.8

**Measurement conditions**  
DIN EN 13032 and DIN 5032

# Photometric test report

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
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**Envelope curve in cd/klm**      **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**      **siteco**



## Photometric test report

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°
$\gamma$	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

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°
$\gamma$	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

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>sITeCO</b>

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

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°
$\gamma$	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

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>sITeco</b>

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

<b>Family</b> DL 11 iQ	<b>Order number</b> 5XA5565EY14HP00022 + 5XA54000XS	<b>LP number</b> 59423_99
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	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