

Photometric test report

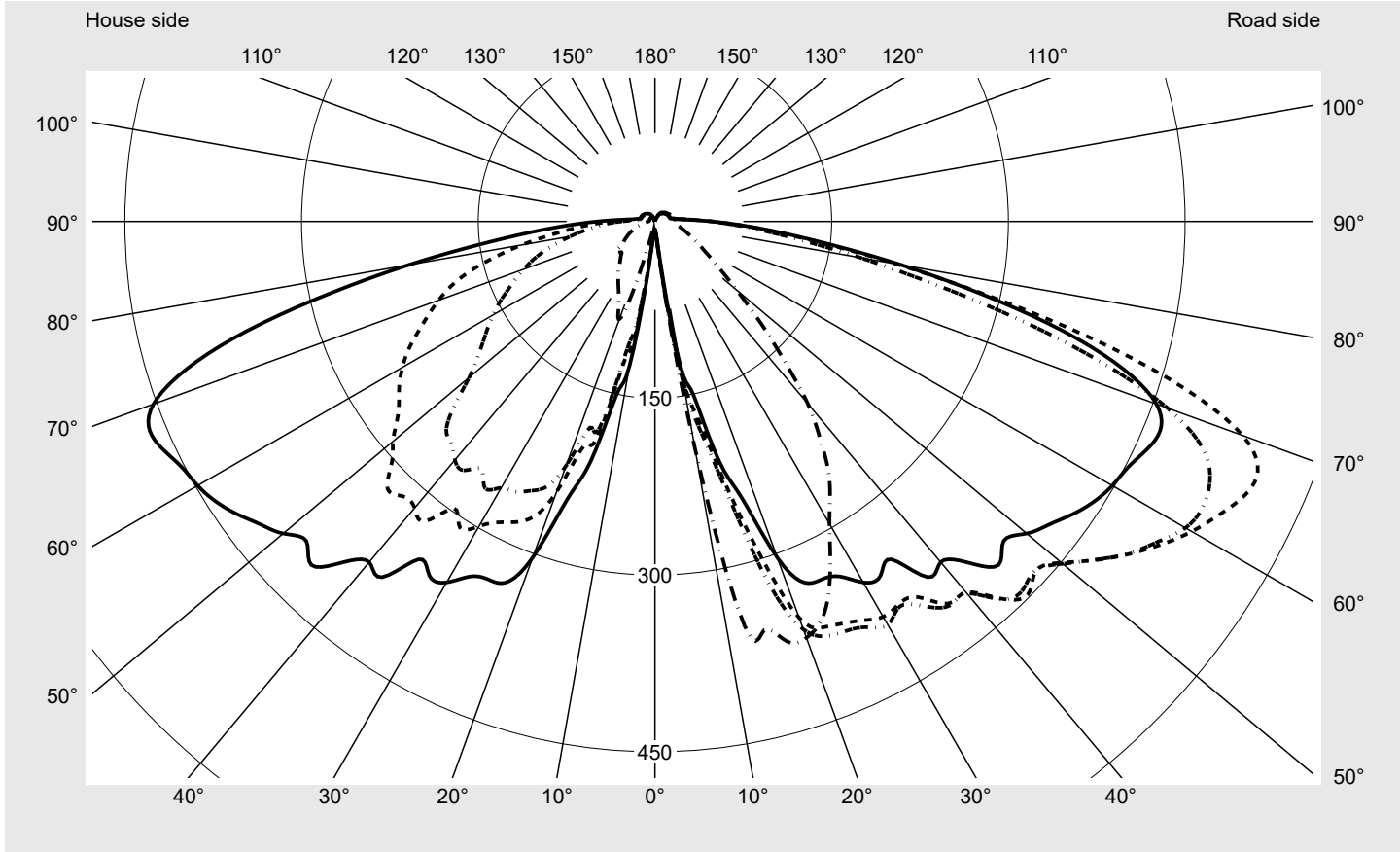
Family DL 11 iQ	Order number: 5XA5565BF14H000022 + 5XA54000XS EAN: 4058352955727 + 4050737730073	LP number 59431_50
	Version post-top- or mounting to wall arm, spreader element, structured Optic asymmetric, extremely wide distribution (P1.0a) Cover cover transparent, PMMA Lamps LED 2200 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 1450 lm Power consumption = 12.9 W Luminous efficacy = 112.4 lm/W	serial documentation 13.09.2023







Luminous intensity in cd/klm C180-0 C190-10 C195-15 C270-90 **Imax: 554 cd/klm**



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	93.8%
Eta 90° - 180°	6.2%

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	530.8
Imax 80°	223.1
Imax 90°	49.4
Imax >90°	32.4
Imax >95°	18.3

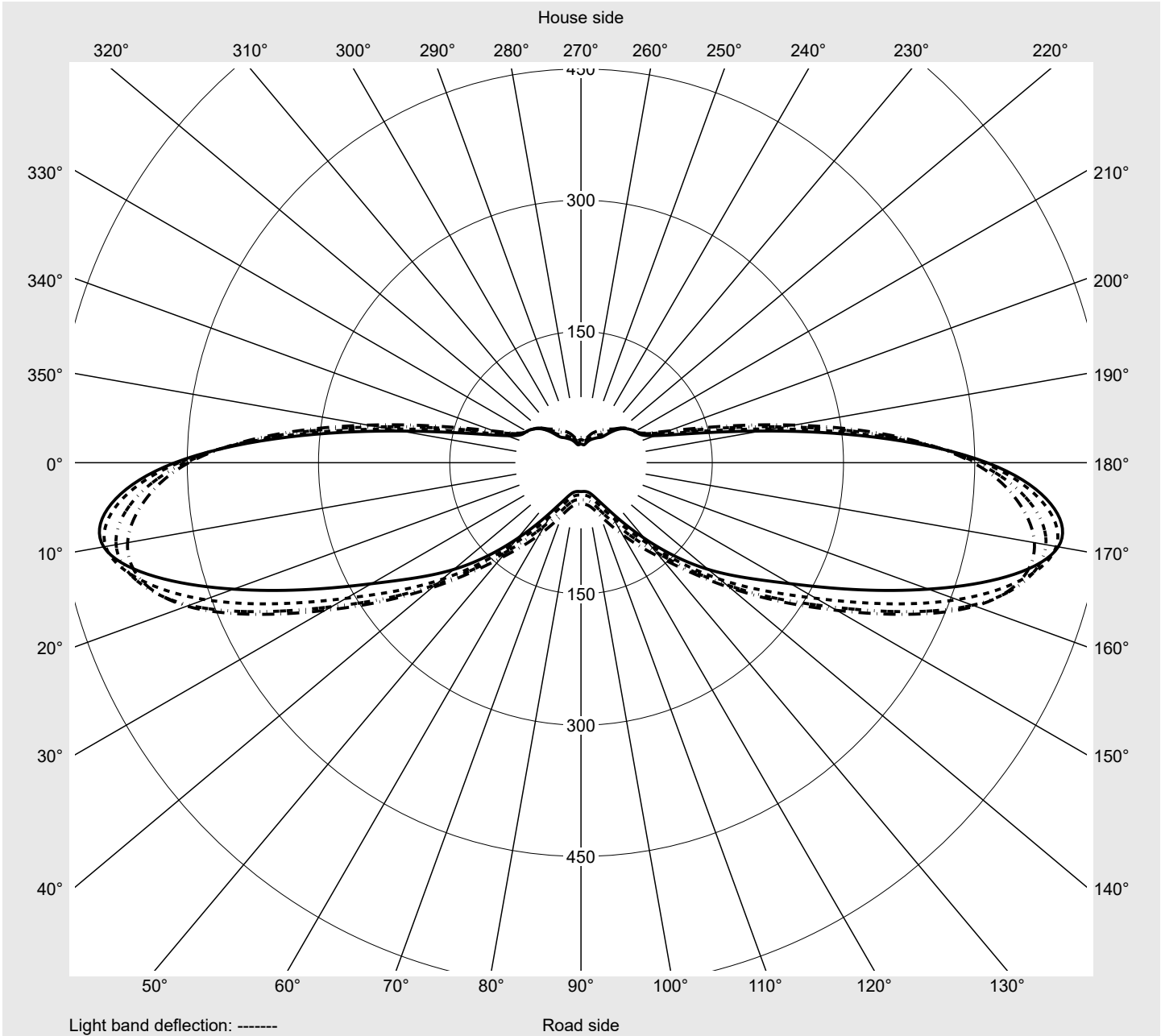
Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
2,5°	7.2	7.2	7.4	7.4	7.5	7.7	7.7	7.8	7.9	8.1	8.1	8.2	8.4
5,0°	11.3	12.0	12.6	13.2	13.5	14.0	14.8	15.3	15.4	15.3	15.3	15.1	14.8
7,5°	34.6	40.9	46.9	52.8	57.4	61.7	64.9	67.7	69.8	68.9	67.3	65.5	63.2
10,0°	124.6	132.3	135.8	138.7	140.1	143.4	146.7	154.7	159.2	159.2	163.5	170.5	175.5
12,5°	150.6	160.0	173.6	185.3	190.9	199.1	206.8	216.1	228.4	246.2	266.0	275.6	289.2
15,0°	210.6	219.1	229.6	241.6	246.7	261.4	283.0	305.2	327.4	347.0	359.5	364.3	366.6
17,5°	246.8	273.6	296.5	322.7	342.6	359.5	372.6	387.0	383.1	388.5	388.4	385.7	383.5
20,0°	303.5	336.3	357.9	368.3	377.6	382.1	383.3	386.6	387.3	392.2	391.7	392.1	390.8
22,5°	331.7	356.9	372.8	380.8	394.0	393.2	387.3	389.2	390.5	392.2	388.0	387.5	382.8
25,0°	335.1	359.1	376.4	383.4	386.1	386.4	385.5	386.4	383.1	382.9	378.5	374.6	368.8
27,5°	339.6	362.9	381.6	388.2	390.0	392.5	390.5	386.1	379.5	374.0	365.2	356.6	346.9
30,0°	353.6	374.1	387.4	395.2	395.3	394.4	392.1	384.4	375.6	366.0	356.0	342.2	326.8
32,5°	356.4	376.5	385.1	387.2	382.5	378.0	376.9	367.7	358.0	346.2	335.4	321.8	303.9
35,0°	349.9	369.1	389.1	398.5	396.0	390.5	384.1	373.6	355.9	337.8	319.0	300.4	281.5
37,5°	380.5	396.0	408.7	410.9	400.8	391.1	378.5	360.5	340.3	320.9	299.3	278.6	259.6
40,0°	377.3	400.8	410.8	412.0	399.7	386.3	372.3	351.4	328.3	304.0	278.4	253.4	234.7
42,5°	392.3	419.8	433.9	434.9	423.4	403.3	380.1	349.3	317.1	284.3	254.7	229.7	210.7
45,0°	412.3	433.0	447.7	441.8	422.4	394.6	363.0	328.8	293.9	262.1	233.8	209.6	191.8
47,5°	401.4	423.5	438.7	438.1	420.7	389.3	352.3	310.6	271.2	237.8	208.9	186.6	169.0
50,0°	411.9	435.3	450.4	451.9	432.8	394.9	347.6	297.2	252.5	216.7	188.1	166.8	149.9
52,5°	422.2	456.5	471.9	471.4	446.6	401.1	343.9	287.4	238.3	200.1	171.3	150.9	133.8
55,0°	433.0	472.1	491.8	491.2	461.0	406.6	342.7	282.8	230.3	189.4	159.3	137.5	119.4
57,5°	442.1	487.3	509.9	506.0	471.3	408.8	341.0	280.3	227.1	183.7	150.7	127.0	106.8
60,0°	448.3	500.8	526.2	520.0	479.3	410.1	337.5	275.9	222.4	177.2	141.9	116.2	94.9
62,5°	452.4	514.6	539.6	524.4	476.3	402.8	329.2	269.5	217.0	170.8	133.2	104.9	83.0
65,0°	459.8	530.5	551.6	519.9	457.5	381.2	310.1	254.7	207.3	162.3	123.5	93.6	71.8
67,5°	464.2	538.8	553.9	503.4	422.6	342.8	276.7	229.0	189.7	150.4	113.2	83.0	61.4
70,0°	453.0	524.6	530.8	463.1	369.1	290.3	232.9	194.0	164.4	134.1	101.0	72.5	52.4
72,5°	417.2	476.2	471.4	397.5	304.6	233.4	186.9	156.6	135.8	114.4	87.6	62.4	44.9
75,0°	358.2	398.4	384.7	317.9	239.0	181.1	145.7	123.3	107.6	93.0	73.0	53.1	38.6
77,5°	283.2	305.8	288.1	238.6	181.0	137.6	112.1	96.2	84.2	74.5	61.1	46.5	35.1
80,0°	212.0	223.1	208.5	177.1	137.6	105.9	87.6	75.8	65.6	58.0	49.0	38.9	30.5
82,5°	150.3	155.1	146.4	128.7	103.8	81.4	68.3	59.7	51.3	45.3	39.6	32.8	26.7
85,0°	106.1	108.5	103.6	94.4	78.9	63.0	53.5	47.2	40.6	35.8	31.7	27.1	23.1
87,5°	73.2	74.6	72.4	67.9	58.4	47.8	41.4	37.1	32.5	28.9	26.2	23.6	20.9
90,0°	48.5	49.4	49.1	47.7	42.5	36.2	32.0	29.5	26.5	24.2	22.5	21.0	19.4
92,5°	30.7	31.7	32.4	32.4	30.3	27.1	24.8	23.6	21.8	20.6	19.6	18.9	18.2
95,0°	20.8	21.9	22.6	23.1	22.6	20.9	19.8	19.3	18.6	17.9	17.7	17.5	17.1
97,5°	16.3	16.9	17.7	18.3	18.1	17.7	17.1	16.8	16.6	16.2	16.2	16.2	16.0
100,0°	13.8	14.4	14.9	15.4	15.6	15.6	15.3	15.4	15.4	15.1	15.1	15.1	15.1
102,5°	12.9	13.3	13.8	14.0	14.2	14.4	14.4	14.6	14.6	14.6	14.6	14.6	14.6
105,0°	12.7	13.1	13.4	13.7	13.8	14.0	14.0	14.2	14.3	14.4	14.4	14.4	14.4
107,5°	12.5	12.9	13.2	13.6	13.6	13.8	13.8	13.8	14.0	14.2	14.2	14.2	14.2
110,0°	12.4	12.7	13.0	13.3	13.4	13.6	13.6	13.7	13.8	13.9	14.0	14.0	14.0
112,5°	12.2	12.5	12.8	13.1	13.1	13.3	13.3	13.4	13.6	13.7	13.7	13.8	13.8

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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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
2,5°	8.6	8.7	8.9	9.1	9.0	9.1	7.4	7.3	7.2	7.1	7.3	7.3	7.5
5,0°	14.7	14.4	14.1	14.0	14.2	14.4	10.7	10.3	10.0	9.6	9.8	9.6	8.6
7,5°	60.2	56.9	53.9	53.0	52.2	52.3	29.1	23.6	18.9	15.8	12.9	10.8	9.7
10,0°	179.4	183.3	188.3	192.4	194.9	195.2	114.4	101.7	86.4	68.4	50.9	37.1	26.4
12,5°	303.7	317.0	332.3	343.5	349.8	351.5	138.4	123.1	114.3	109.5	104.5	98.6	89.3
15,0°	366.7	364.2	363.1	362.2	359.4	358.8	202.5	190.4	180.9	163.7	151.2	132.3	116.4
17,5°	379.8	378.6	376.6	374.8	373.2	373.8	220.7	199.0	183.4	167.9	150.4	132.1	119.3
20,0°	384.8	381.7	378.8	376.6	376.5	375.9	277.5	244.3	220.6	194.6	167.6	145.2	123.1
22,5°	375.5	370.8	367.9	366.9	368.2	367.6	304.6	271.8	244.6	212.4	175.6	146.3	121.7
25,0°	358.8	351.0	347.4	348.7	348.8	348.7	309.8	281.5	252.2	220.7	183.3	151.7	119.5
27,5°	336.5	327.3	323.3	323.7	322.8	322.4	316.7	287.9	258.5	220.7	183.7	146.3	114.3
30,0°	313.5	302.3	297.3	298.1	296.8	296.3	332.1	298.5	260.9	218.6	180.6	140.8	108.1
32,5°	290.4	278.9	275.7	276.8	276.8	276.6	337.3	308.0	268.4	219.2	175.0	131.2	96.9
35,0°	267.7	259.5	256.9	256.4	256.5	256.0	329.2	297.2	256.7	208.3	165.0	122.9	90.3
37,5°	246.1	238.2	234.4	232.0	229.6	229.0	354.4	320.6	266.2	211.0	161.1	113.5	83.2
40,0°	221.1	212.4	206.9	203.3	201.9	201.8	357.2	317.5	264.1	208.0	152.7	108.7	79.2
42,5°	197.1	186.2	178.0	171.7	167.8	166.5	363.9	316.4	255.9	192.7	139.4	99.4	75.1
45,0°	176.6	163.2	152.0	143.8	138.5	136.9	376.8	320.9	250.5	179.8	126.6	90.4	72.8
47,5°	153.5	139.2	127.2	118.1	112.5	111.2	363.7	303.0	230.4	159.5	108.6	81.7	68.3
50,0°	133.9	118.9	106.1	97.3	92.1	90.7	365.1	290.3	205.8	136.9	93.4	73.2	64.4
52,5°	117.2	102.0	89.4	80.9	76.4	75.2	360.3	275.8	189.9	123.5	85.0	68.7	63.0
55,0°	102.0	87.0	75.1	67.7	63.9	63.1	360.4	265.2	178.1	115.4	81.2	68.3	63.4
57,5°	89.5	74.6	63.9	57.6	54.7	54.3	360.4	257.3	168.3	110.3	80.3	69.4	65.0
60,0°	77.7	64.1	54.8	49.7	47.7	47.2	356.6	247.4	158.4	105.8	80.0	71.1	66.6
62,5°	67.0	54.9	47.6	43.8	42.6	42.4	351.0	236.0	148.8	100.7	78.8	71.6	67.1
65,0°	57.0	46.7	40.8	38.2	37.1	36.9	344.5	221.9	137.9	95.3	77.2	71.8	67.0
67,5°	48.2	39.9	35.5	33.6	33.0	33.0	336.1	208.5	128.4	90.5	75.7	71.7	66.9
70,0°	41.0	34.6	31.2	29.8	29.5	29.5	321.8	195.4	118.5	85.0	73.8	70.0	64.7
72,5°	35.3	30.3	27.8	26.8	26.7	26.7	297.8	180.9	108.6	79.1	70.4	66.8	61.5
75,0°	30.8	26.8	24.9	24.3	24.0	24.0	262.0	162.1	97.3	71.6	64.2	60.2	54.6
77,5°	28.2	24.6	22.8	22.1	21.9	21.9	215.6	138.8	84.9	63.4	57.1	52.9	47.0
80,0°	25.3	22.4	20.9	20.2	20.0	19.7	169.2	114.7	73.0	55.3	49.4	45.0	39.2
82,5°	22.7	20.3	19.1	18.6	18.4	18.4	125.9	90.5	60.9	46.9	41.8	37.6	32.3
85,0°	20.5	18.9	18.0	17.5	17.1	17.0	92.5	70.3	50.1	39.6	34.8	30.8	26.4
87,5°	19.1	17.9	17.1	16.6	16.3	16.2	66.2	52.6	39.7	32.2	28.1	24.6	21.5
90,0°	18.1	17.2	16.7	16.2	16.2	16.2	44.7	36.9	28.7	23.3	20.1	18.1	16.2
92,5°	17.3	16.6	16.2	16.2	16.2	16.3	28.2	24.3	19.7	16.2	14.4	13.4	12.3
95,0°	16.3	16.0	15.7	15.8	16.2	16.2	19.5	17.5	15.3	13.4	12.3	11.4	10.5
97,5°	15.7	15.5	15.4	15.6	15.7	15.7	15.2	14.0	12.8	11.8	10.9	10.1	9.3
100,0°	15.1	15.1	14.9	15.2	15.3	15.3	13.1	12.5	11.6	10.8	10.3	9.6	9.0
102,5°	14.6	14.6	14.7	14.9	14.9	14.9	12.4	11.9	11.2	10.6	10.1	9.4	8.9
105,0°	14.4	14.4	14.4	14.5	14.8	14.9	12.1	11.7	11.1	10.6	9.9	9.4	8.9
107,5°	14.2	14.2	14.3	14.4	14.4	14.4	12.1	11.6	11.1	10.6	9.9	9.4	8.7
110,0°	14.0	14.0	14.0	14.1	14.4	14.4	11.9	11.5	10.9	10.4	9.8	9.2	8.7
112,5°	13.6	13.8	13.8	14.0	14.0	14.0	11.7	11.2	10.8	10.3	9.8	9.2	8.6

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		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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	0.0	0.0
2,5°	7.8	8.2	8.6	9.0	9.6	10.3	10.7	10.6	10.5	10.5	10.2	0.1	0.1
5,0°	7.9	7.6	7.4	7.4	7.2	7.1	7.0	6.8	6.7	6.7	6.6	0.3	0.4
7,5°	8.8	8.1	7.4	7.2	6.9	6.9	6.8	6.6	6.5	6.4	6.4	1.3	1.6
10,0°	19.2	15.3	12.0	9.5	8.5	8.0	7.6	7.0	6.5	6.4	6.4	4.7	6.4
12,5°	76.2	60.6	44.8	31.7	21.4	14.9	11.5	9.1	8.1	7.7	7.5	9.4	15.7
15,0°	103.9	92.0	82.7	73.7	63.1	51.4	40.9	30.5	22.0	17.8	16.9	14.7	30.5
17,5°	107.4	96.7	86.6	78.8	74.3	71.9	67.3	63.0	61.9	62.7	63.4	19.6	50.1
20,0°	106.6	95.1	86.8	81.6	78.0	77.4	74.5	71.0	77.0	85.3	88.1	23.9	74.0
22,5°	104.4	91.9	84.3	78.9	76.8	77.3	73.8	69.5	72.7	79.1	80.8	27.1	101.1
25,0°	99.9	84.4	75.6	70.6	70.1	72.3	70.2	64.4	65.7	71.0	72.8	29.3	130.5
27,5°	90.3	75.6	67.8	64.2	64.8	66.9	64.2	58.0	58.6	64.7	66.8	31.2	161.7
30,0°	83.1	69.0	62.9	60.4	61.0	62.8	60.7	52.6	53.2	59.4	62.2	33.1	194.8
32,5°	75.0	63.5	59.5	58.1	58.5	59.4	57.5	49.6	49.2	55.0	58.0	34.2	229.0
35,0°	69.1	58.9	56.3	55.7	55.8	56.9	54.8	47.1	46.4	51.6	54.3	35.5	264.5
37,5°	65.2	56.6	54.3	53.9	53.9	54.2	51.6	44.7	43.6	48.1	50.9	37.0	301.5
40,0°	63.6	57.7	55.4	53.2	51.7	51.5	49.2	42.6	40.6	44.4	46.6	37.6	339.1
42,5°	62.3	56.9	55.3	54.5	52.7	50.5	46.5	40.2	37.9	41.5	43.3	38.5	377.6
45,0°	63.9	58.1	56.3	55.4	52.7	50.2	47.3	39.8	36.4	39.2	40.7	38.8	416.4
47,5°	63.2	62.1	61.4	57.6	53.7	50.3	45.7	40.0	37.1	37.5	38.6	38.2	454.6
50,0°	61.3	60.5	61.6	59.2	54.1	49.8	45.2	39.2	36.5	38.9	41.5	38.2	492.7
52,5°	60.3	58.9	58.2	55.1	51.1	48.1	43.5	38.3	37.5	39.7	40.8	38.5	531.3
55,0°	59.8	57.2	56.3	53.2	49.5	45.9	42.4	37.4	33.8	33.8	34.4	39.1	570.3
57,5°	61.6	57.6	56.4	52.6	47.3	42.2	37.8	32.7	29.9	30.5	31.3	39.7	610.1
60,0°	61.7	54.7	50.1	46.2	42.6	39.0	35.2	30.6	27.5	27.9	28.7	40.1	650.2
62,5°	61.5	53.3	46.8	42.8	39.5	36.3	32.7	28.4	25.3	25.8	26.3	40.2	690.4
65,0°	61.2	51.6	42.8	39.1	36.0	32.9	29.8	26.1	23.3	23.3	23.9	39.7	730.1
67,5°	60.4	50.5	39.3	35.1	32.3	29.7	26.9	23.5	20.9	20.9	21.3	38.4	768.6
70,0°	57.9	48.1	35.6	31.4	28.7	26.5	23.9	21.0	18.6	18.4	18.7	35.9	804.4
72,5°	54.6	45.4	32.0	27.8	25.3	23.2	21.1	18.6	16.5	16.1	16.2	32.0	836.4
75,0°	47.7	39.6	28.2	24.5	22.1	20.3	18.2	16.2	14.3	13.9	14.0	27.1	863.5
77,5°	40.3	33.4	24.3	21.1	19.0	17.3	15.6	13.8	12.1	11.9	11.9	21.9	885.4
80,0°	33.2	28.1	21.3	18.4	16.4	14.9	13.4	11.9	10.4	9.9	10.1	17.4	902.8
82,5°	27.4	23.7	18.4	16.0	14.2	12.7	11.2	9.9	8.6	8.2	8.3	13.5	916.3
85,0°	23.2	20.5	16.3	14.1	12.5	11.0	9.7	8.5	7.4	7.0	7.0	10.6	926.8
87,5°	19.5	17.6	14.1	12.3	11.0	9.5	8.5	7.3	6.6	6.4	6.6	8.2	935.0
90,0°	14.8	13.3	11.5	10.3	9.1	8.1	7.2	6.4	5.8	5.8	5.7	6.3	941.3
92,5°	11.3	10.4	9.6	8.7	7.8	6.8	6.1	5.6	5.2	5.3	5.3	4.8	946.1
95,0°	9.6	8.8	8.1	7.3	6.8	6.1	5.7	5.3	5.1	5.2	5.2	3.9	950.0
97,5°	8.6	7.9	7.3	6.9	6.4	5.9	5.7	5.3	4.9	4.8	4.8	3.4	953.5
100,0°	8.4	7.9	7.3	6.8	6.3	5.9	5.5	5.2	4.8	4.8	4.7	3.2	956.7
102,5°	8.4	7.7	7.3	6.9	6.4	5.9	5.7	5.2	4.8	4.7	4.7	3.0	959.7
105,0°	8.2	7.7	7.2	6.8	6.3	5.9	5.5	5.1	4.8	4.7	4.7	2.9	962.6
107,5°	8.2	7.7	7.2	6.8	6.3	5.9	5.6	5.1	4.8	4.5	4.7	2.9	965.5
110,0°	8.2	7.7	7.2	6.8	6.3	5.9	5.5	5.2	4.8	4.7	4.7	2.8	968.3
112,5°	8.1	7.7	7.2	6.8	6.3	6.0	5.6	5.1	4.8	4.8	4.7	2.7	971.0

Photometric test report

Family DL 11 iQ	Order number: 5XA5565BF14H000022 + 5XA54000XS EAN: 4058352955727 + 4050737730073	LP number 59431_50
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°	12.1	12.5	12.7	12.8	13.0	13.1	13.1	13.3	13.3	13.3	13.3	13.5	13.4
117,5°	11.9	12.1	12.4	12.6	12.8	12.9	12.9	13.0	13.1	13.1	13.1	13.2	13.1
120,0°	11.7	12.0	12.1	12.4	12.5	12.5	12.6	12.7	12.8	12.9	12.9	12.9	12.9
122,5°	11.2	11.6	11.8	12.0	12.1	12.2	12.2	12.3	12.5	12.5	12.5	12.5	12.5
125,0°	10.9	11.2	11.4	11.6	11.8	11.8	12.0	12.0	12.0	12.0	12.0	12.1	12.1
127,5°	10.7	10.9	11.1	11.2	11.4	11.4	11.6	11.6	11.7	11.7	11.8	11.8	11.8
130,0°	10.2	10.5	10.8	10.9	10.9	11.1	11.1	11.2	11.4	11.4	11.4	11.4	11.4
132,5°	9.9	10.1	10.2	10.3	10.5	10.6	10.7	10.8	10.9	10.9	10.9	10.9	11.0
135,0°	9.4	9.6	9.8	9.9	10.1	10.2	10.3	10.3	10.5	10.5	10.5	10.5	10.6
137,5°	9.0	9.2	9.2	9.5	9.6	9.8	9.9	10.1	10.1	10.1	10.1	10.1	10.2
140,0°	8.5	8.7	9.0	9.2	9.2	9.3	9.5	9.6	9.6	9.6	9.8	9.8	10.0
142,5°	8.3	8.3	8.7	8.7	8.8	9.2	9.2	9.2	9.2	9.4	9.5	9.6	9.6
145,0°	7.8	7.9	8.2	8.3	8.5	8.7	8.7	8.8	9.0	8.9	9.2	9.2	9.2
147,5°	7.3	7.5	7.7	7.8	7.9	8.2	8.3	8.3	8.3	8.5	8.6	8.6	8.7
150,0°	6.4	6.6	6.8	7.0	7.1	7.4	7.4	7.4	7.6	7.7	7.7	7.9	7.9
152,5°	5.5	5.7	5.7	5.9	6.0	6.3	6.3	6.4	6.6	6.6	6.6	6.6	6.6
155,0°	4.2	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.2	5.2	5.2
157,5°	3.1	3.2	3.4	3.5	3.5	3.5	3.7	3.7	3.7	3.7	3.8	3.7	3.9
160,0°	2.3	2.4	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
162,5°	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
165,0°	1.7	1.7	1.7	1.9	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
167,5°	1.7	1.7	1.7	1.7	1.7	1.8	1.8	2.2	2.2	2.2	2.2	2.2	2.2
170,0°	1.5	1.5	1.7	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.6
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: 5XA5565BF14H000022 + 5XA54000XS EAN: 4058352955727 + 4050737730073	LP number 59431_50
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°	13.6	13.6	13.6	13.6	13.8	14.0	11.7	11.2	10.7	10.3	9.8	9.2	8.7
117,5°	13.1	13.2	13.2	13.4	13.4	13.6	11.5	11.1	10.6	10.2	9.7	9.2	8.7
120,0°	12.9	12.9	13.0	13.1	13.1	13.1	11.2	10.8	10.4	10.1	9.5	9.1	8.5
122,5°	12.7	12.6	12.7	12.7	12.7	12.7	10.9	10.6	10.3	9.8	9.4	9.1	8.4
125,0°	12.2	12.2	12.2	12.2	12.2	12.2	10.6	10.3	10.1	9.6	9.2	8.7	8.3
127,5°	11.8	11.8	11.8	11.8	11.8	11.8	10.3	10.1	9.6	9.4	9.0	8.6	8.2
130,0°	11.4	11.4	11.4	11.4	11.7	11.8	10.0	9.6	9.4	9.2	8.7	8.3	7.9
132,5°	11.0	11.0	10.9	11.0	11.1	11.3	9.5	9.3	9.0	8.7	8.3	8.1	7.7
135,0°	10.7	10.6	10.6	10.8	10.8	10.9	9.2	8.9	8.5	8.3	7.9	7.8	7.3
137,5°	10.4	10.5	10.4	10.4	10.5	10.5	8.7	8.3	8.2	7.9	7.7	7.3	7.0
140,0°	10.1	9.9	10.1	10.1	10.1	10.1	8.3	8.0	7.8	7.5	7.4	7.0	6.8
142,5°	9.6	9.6	9.6	9.6	9.6	9.6	7.9	7.7	7.5	7.3	7.0	6.9	6.6
145,0°	9.2	9.2	9.2	9.2	9.2	9.2	7.5	7.3	7.1	7.0	6.8	6.6	6.3
147,5°	8.7	8.7	8.7	8.7	8.7	8.7	7.0	6.8	6.7	6.5	6.1	6.1	5.9
150,0°	7.9	7.9	7.9	7.9	7.9	7.9	6.3	6.1	5.9	5.7	5.7	5.5	5.2
152,5°	6.7	6.8	7.0	6.7	7.0	7.0	5.4	5.2	5.0	4.8	4.7	4.6	4.4
155,0°	5.2	5.2	5.2	5.2	5.2	5.2	4.2	4.0	3.8	3.7	3.5	3.5	3.3
157,5°	3.9	3.9	3.9	3.9	3.9	3.9	3.1	2.9	2.8	2.7	2.6	2.6	2.6
160,0°	2.6	2.6	2.6	2.6	2.6	2.6	2.2	2.2	2.2	2.2	2.1	2.0	2.1
162,5°	2.2	2.2	2.2	2.2	2.2	2.2	1.8	1.7	1.7	1.7	1.7	1.7	1.7
165,0°	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7
167,5°	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.6	1.7	1.7	1.7	1.7	1.5
170,0°	1.6	1.7	1.7	1.7	1.7	1.7	1.5	1.5	1.5	1.3	1.4	1.3	1.3
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: 5XA5565BF14H000022 + 5XA54000XS EAN: 4058352955727 + 4050737730073	LP number 59431_50
Table of values for luminous intensities		Maximum luminous intensity



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°	8.1	7.7	7.2	6.9	6.5	6.0	5.7	5.3	4.9	4.8	4.8	2.6	973.6
117,5°	8.1	7.7	7.2	6.8	6.5	6.0	5.7	5.3	4.9	4.8	4.8	2.5	976.1
120,0°	8.1	7.6	7.1	6.8	6.5	6.0	5.7	5.3	5.0	4.8	4.8	2.4	978.6
122,5°	7.9	7.5	7.0	6.7	6.3	6.0	5.6	5.2	4.9	4.8	4.8	2.3	980.9
125,0°	7.9	7.4	7.0	6.6	6.2	5.9	5.6	5.2	4.9	4.8	4.8	2.2	983.1
127,5°	7.8	7.4	7.0	6.7	6.2	5.9	5.6	5.2	5.1	4.8	4.8	2.1	985.1
130,0°	7.6	7.2	6.8	6.6	6.1	5.9	5.6	5.2	5.0	4.8	4.8	1.9	987.1
132,5°	7.3	7.0	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.8	4.8	1.8	988.9
135,0°	7.0	6.8	6.3	6.1	5.8	5.6	5.3	5.0	4.8	4.8	4.8	1.7	990.6
137,5°	6.7	6.5	6.1	6.0	5.7	5.5	5.2	4.9	4.8	4.8	4.8	1.5	992.1
140,0°	6.5	6.3	6.1	5.7	5.7	5.3	5.2	4.9	4.8	4.8	4.8	1.4	993.5
142,5°	6.3	6.1	5.8	5.7	5.7	5.3	5.1	4.8	4.8	4.8	4.8	1.3	994.8
145,0°	6.1	6.0	5.7	5.7	5.3	5.2	5.0	4.8	4.7	4.8	4.8	1.2	996.0
147,5°	5.7	5.5	5.4	5.2	5.2	4.9	4.8	4.5	4.4	4.4	4.7	1.0	997.0
150,0°	5.1	4.8	4.8	4.6	4.4	4.4	4.0	3.9	3.9	3.9	3.9	0.9	997.8
152,5°	4.3	4.0	3.9	3.9	3.6	3.5	3.5	3.2	3.1	3.1	3.1	0.7	998.5
155,0°	3.2	3.1	3.1	3.1	2.9	2.7	2.6	2.6	2.6	2.6	2.6	0.5	999.0
157,5°	2.6	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.3	999.3
160,0°	1.8	2.0	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.2	999.5
162,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.2	999.7
165,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.1	999.8
167,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.6	0.1	999.9
170,0°	1.3	1.4	1.3	1.3	1.3	1.5	1.3	1.3	1.3	1.3	1.3	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: 5XA5565BF14H000022 + 5XA54000XS EAN: 4058352955727 + 4050737730073	LP number 59431_50
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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	1450	12.9	13.3	13.1
95	241	252	1376	12.2	12.6	12.4
90	229	250	1307	11.5	11.9	11.7
85	216	248	1233	10.7	11.1	10.9
80	203	246	1159	10.1	10.5	10.3
75	190	243	1085	9.4	9.8	9.6
70	178	241	1016	8.9	9.1	9.0
65	165	238	942	8.2	8.4	8.3
60	152	235	868	7.6	7.8	7.7
55	140	232	799	7.0	7.2	7.1
50	127	229	725	6.4	6.6	6.5
45	114	225	651	5.8	6.0	5.9
40	102	221	582	5.3	5.4	5.4
35	89	216	508	4.8	4.9	4.8
30	76	210	434	4.3	4.3	4.3
25	63	203	360	3.7	3.8	3.8
24	60	201	343	3.5	3.7	3.6