

Photometric test report

Family
DL 11 iQ

Order number: 5XA5565FF108P00022
EAN: 4058352955901

LP number
59376_87



Version luminaire insert LED, Siteco® metallic grey (DB 702S), post-top- or mounting to wall arm
Optic asymmetric, extremely wide distribution (P1.0a)
Cover cover transparent, PMMA
Lamps LED 3000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 4540 lm
 Power consumption = 33.6 W
 Luminous efficacy = 135.1 lm/W

serial
documentation
01.02.2024

siteco

Luminous intensity in cd/klm

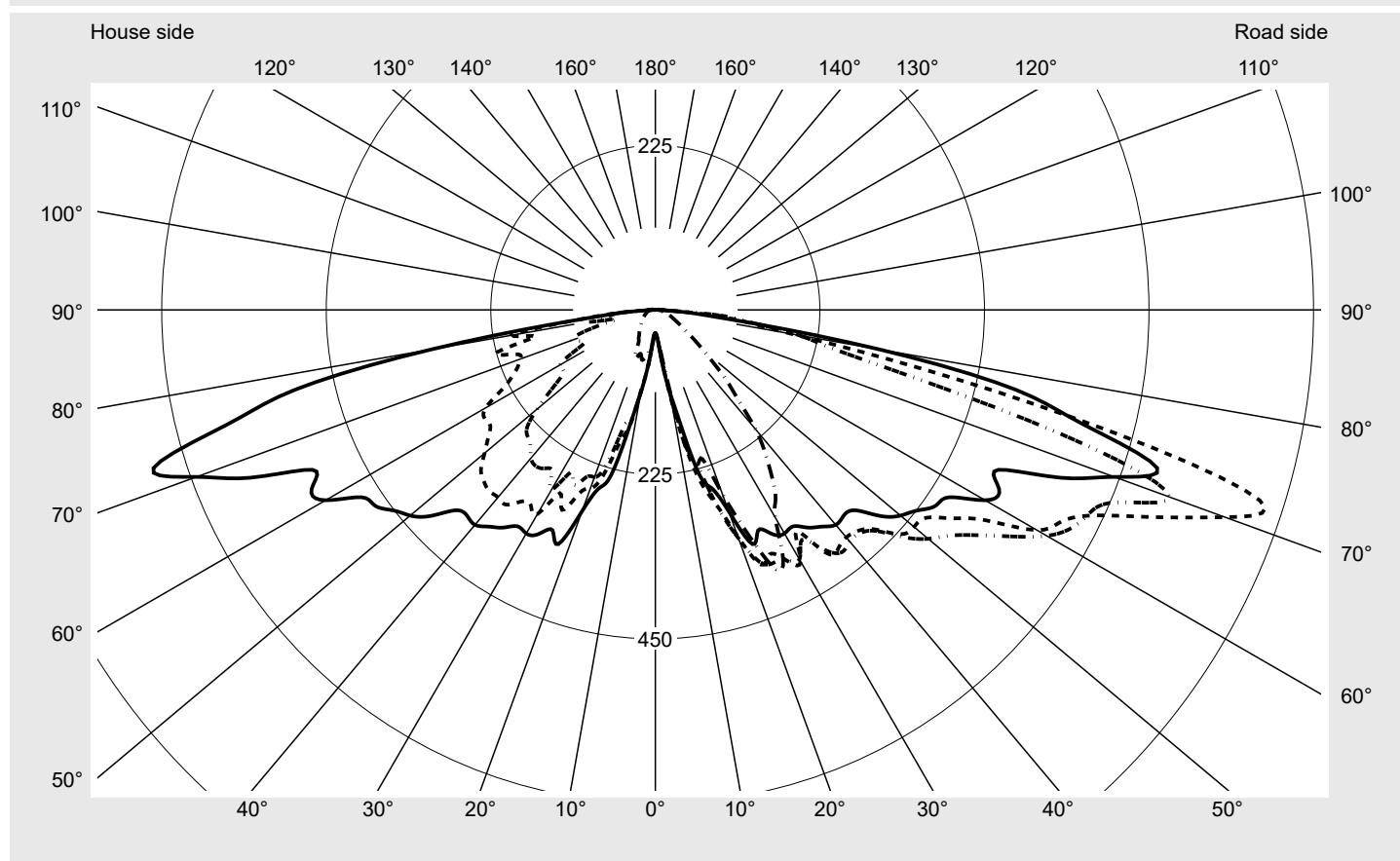
C180-0

C190-10

C195-15

C270-90

Imax: 867 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	98.5%
Eta 90° - 180°	1.5%

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	828.9
Imax 80°	310.5
Imax 90°	14.1
Imax >90°	6.0
Imax >95°	4.6

Measurement conditions

DIN EN 13032 and DIN 5032

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Family DL 11 iQ	Order number: 5XA5565FF108P00022 EAN: 4058352955901	LP number 59376_87
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Envelope curve in cd/klm

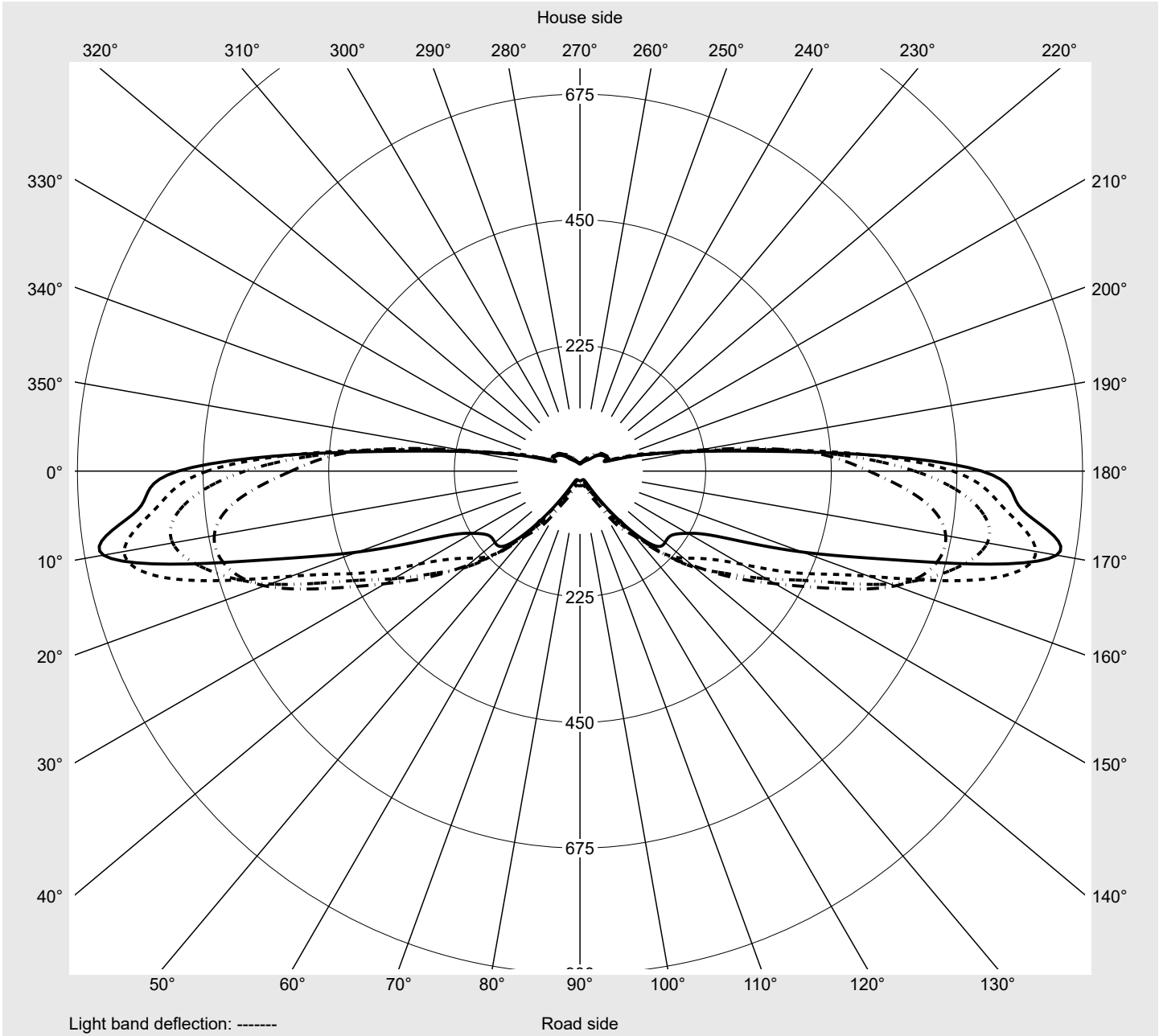
KMK 72.5°

KMK 70°

KMK 67.5°

KMK 65°

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°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2,5°	33.3	33.2	33.2	33.2	33.2	33.5	34.0	34.9	35.5	35.9	36.0	35.7	35.4
5,0°	44.9	43.7	42.9	42.0	39.1	39.0	40.3	42.3	44.6	46.0	46.7	46.7	46.1
7,5°	77.7	75.1	70.9	70.5	73.3	76.9	75.2	70.1	68.1	69.2	72.6	74.2	72.9
10,0°	115.3	116.9	124.2	118.7	119.1	120.4	122.3	122.5	129.4	126.7	116.6	112.4	111.4
12,5°	162.9	181.7	193.6	190.6	185.9	182.1	184.4	182.4	180.5	182.8	188.4	194.1	185.9
15,0°	234.3	244.2	247.6	219.3	227.6	260.4	263.9	253.5	258.8	261.3	244.7	247.0	244.7
17,5°	255.5	262.2	280.9	281.4	289.6	295.3	305.5	299.5	314.0	319.6	324.8	309.8	288.0
20,0°	292.9	310.5	329.8	332.5	340.0	344.2	364.2	359.2	361.7	365.5	327.5	330.6	335.0
22,5°	346.7	370.7	377.1	373.2	369.8	377.9	374.0	353.1	349.5	353.7	355.4	353.3	348.7
25,0°	332.7	358.6	369.1	381.9	398.1	398.2	392.2	383.2	369.1	352.6	342.6	339.4	340.0
27,5°	345.6	368.3	385.1	385.3	393.4	396.3	399.2	388.8	378.2	356.3	335.4	335.6	319.5
30,0°	353.1	377.5	397.3	394.1	392.4	382.0	375.3	368.5	355.0	341.1	323.2	315.2	305.0
32,5°	350.9	350.5	358.9	373.0	390.1	398.1	396.3	383.8	349.2	338.2	321.1	304.0	283.9
35,0°	363.5	389.5	404.8	399.0	390.0	392.9	386.4	386.2	358.6	328.2	298.5	276.9	258.8
37,5°	373.6	391.6	411.0	418.1	413.9	391.4	377.4	358.1	337.4	315.3	290.2	262.3	234.3
40,0°	383.8	405.2	406.1	413.5	415.0	401.2	386.9	358.7	324.7	291.6	264.3	239.1	218.5
42,5°	381.4	402.4	410.0	414.2	413.4	393.8	381.1	352.8	314.0	279.5	245.9	211.9	199.7
45,0°	387.7	410.7	424.5	427.6	416.7	391.8	376.0	338.1	295.5	258.7	226.0	198.6	184.4
47,5°	417.2	433.4	454.2	459.9	446.4	395.7	360.2	315.6	271.5	239.3	207.9	190.5	181.1
50,0°	437.6	451.9	461.9	487.1	479.4	418.0	360.9	309.6	260.6	230.6	189.7	179.7	170.1
52,5°	450.8	475.0	466.9	507.1	486.6	449.7	378.2	310.3	253.0	211.7	176.4	169.6	154.3
55,0°	467.4	506.2	497.0	537.2	498.2	470.8	392.6	313.9	252.3	202.9	171.0	167.7	135.8
57,5°	476.8	535.3	535.5	576.6	540.5	481.7	384.3	315.4	252.1	203.1	174.5	162.9	120.9
60,0°	520.7	577.1	602.5	618.1	589.8	501.5	395.5	330.5	264.5	208.3	174.5	151.2	117.2
62,5°	529.8	590.9	626.3	643.7	628.3	512.7	402.9	335.3	270.2	212.2	174.0	138.5	103.3
65,0°	517.4	618.4	665.0	655.9	600.9	496.7	403.1	331.2	262.6	209.0	152.6	121.4	77.1
67,5°	599.8	713.2	740.8	687.2	591.1	466.4	385.6	319.4	268.4	206.0	142.5	98.5	53.5
70,0°	667.8	762.2	828.9	748.1	550.4	432.2	332.8	273.6	242.3	205.3	136.2	77.5	39.9
72,5°	719.6	794.9	866.7	623.9	423.8	280.3	222.8	200.4	198.8	188.7	131.4	67.8	29.1
75,0°	606.6	687.6	650.1	391.8	249.7	180.9	158.7	140.9	137.1	135.6	92.0	50.1	20.1
77,5°	505.1	478.4	378.2	254.4	187.9	148.3	134.0	124.5	99.0	73.6	45.8	27.3	12.9
80,0°	310.5	263.3	190.1	199.2	155.1	109.3	102.3	104.1	68.9	48.0	31.8	21.0	10.5
82,5°	117.5	104.2	123.9	132.2	114.6	83.5	90.3	77.0	42.5	25.3	19.9	15.2	8.8
85,0°	51.8	55.0	68.5	91.8	85.7	64.5	62.9	53.3	33.2	22.0	14.2	10.7	7.4
87,5°	10.8	11.0	11.6	11.7	13.0	17.6	21.2	24.6	23.3	17.6	11.2	7.7	6.2
90,0°	8.2	8.6	8.9	9.1	8.9	9.2	9.8	10.7	10.0	8.6	6.7	6.0	5.6
92,5°	5.8	5.9	5.9	5.9	6.0	5.9	5.9	5.9	5.8	5.8	5.4	5.0	4.9
95,0°	5.0	5.0	5.2	5.2	5.1	5.0	4.8	4.7	4.6	4.3	4.0	3.8	3.7
97,5°	4.6	4.6	4.6	4.6	4.5	4.5	4.3	4.1	4.0	3.8	3.6	3.5	3.3
100,0°	4.1	4.1	4.2	4.2	4.2	4.0	4.0	3.8	3.6	3.4	3.2	3.1	3.1
102,5°	3.8	3.9	3.9	3.9	3.8	3.8	3.6	3.4	3.2	3.1	3.0	2.9	2.9
105,0°	3.5	3.6	3.6	3.6	3.6	3.6	3.3	3.1	3.0	2.9	2.8	2.8	2.6
107,5°	3.2	3.3	3.3	3.3	3.3	3.3	3.1	3.0	2.8	2.8	2.6	2.5	2.5
110,0°	3.2	3.2	3.2	3.2	3.1	3.1	3.0	2.8	2.7	2.6	2.5	2.5	2.4
112,5°	3.0	3.0	3.1	3.0	3.0	3.0	2.9	2.6	2.5	2.5	2.4	2.3	2.3

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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°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2,5°	35.4	35.2	34.9	34.8	34.8	34.7	33.2	33.7	34.2	33.6	33.9	34.7	35.4
5,0°	44.2	43.0	42.1	41.6	41.4	41.8	46.0	48.1	49.9	51.4	52.7	53.1	53.1
7,5°	69.4	64.4	60.9	59.9	60.9	59.9	78.1	78.3	80.0	72.5	67.6	67.0	66.1
10,0°	109.2	109.3	108.6	109.5	107.2	107.7	117.2	114.5	111.7	106.0	99.5	93.3	94.8
12,5°	180.6	177.4	179.8	181.0	182.1	180.1	156.4	163.2	154.9	145.8	139.7	128.2	115.6
15,0°	245.8	240.3	232.9	229.2	224.0	219.3	216.9	187.5	164.9	160.2	158.7	148.2	143.1
17,5°	277.2	261.0	244.7	232.2	220.3	213.9	253.8	237.5	221.6	207.6	194.9	189.6	161.5
20,0°	332.4	315.4	295.0	283.8	277.0	267.8	285.2	260.1	243.3	212.8	188.3	168.4	147.2
22,5°	354.9	352.1	343.0	339.4	338.8	333.7	307.2	271.4	247.8	228.3	196.1	162.9	136.4
25,0°	351.8	352.9	362.3	382.3	393.0	391.8	317.1	301.8	264.1	227.1	186.1	145.9	122.7
27,5°	322.2	330.8	343.0	366.8	377.5	376.7	312.2	282.7	250.3	215.3	185.6	159.8	119.6
30,0°	296.9	295.1	308.5	324.8	329.8	327.4	326.5	322.3	283.9	222.9	179.3	147.5	101.5
32,5°	273.6	275.0	289.8	303.6	306.8	306.1	337.4	316.9	263.2	214.9	178.8	130.7	90.3
35,0°	253.1	257.9	269.4	278.2	279.2	277.5	342.2	319.9	264.7	210.3	168.7	109.8	88.6
37,5°	226.6	234.4	245.4	250.7	248.4	246.6	358.9	335.7	269.0	221.2	162.4	110.5	83.4
40,0°	211.4	216.3	218.0	220.9	214.3	213.5	360.6	334.8	264.7	214.5	144.0	108.2	66.5
42,5°	193.9	193.6	191.1	183.9	173.6	169.5	371.7	336.2	252.7	193.3	130.0	88.9	61.6
45,0°	175.6	166.2	160.9	153.2	144.2	140.1	382.7	331.6	246.3	158.6	114.8	70.8	62.5
47,5°	162.7	148.6	138.1	124.7	113.4	109.2	396.4	323.5	237.9	131.7	89.5	67.5	62.3
50,0°	149.2	127.7	114.0	100.5	89.7	85.0	395.8	304.7	210.9	119.4	71.5	64.0	59.8
52,5°	129.1	105.8	92.8	79.5	70.9	67.3	391.2	288.4	179.3	102.6	65.3	59.9	56.1
55,0°	110.5	88.4	76.2	61.7	54.8	53.3	392.8	275.6	155.5	85.2	63.5	57.5	53.8
57,5°	94.6	78.0	61.9	47.0	44.2	43.5	397.0	276.5	150.7	81.6	61.2	53.7	52.4
60,0°	89.8	58.5	45.5	37.4	36.6	36.3	410.8	267.8	151.0	82.3	57.6	53.3	52.5
62,5°	80.1	47.9	34.3	31.3	30.9	30.6	404.1	236.7	129.0	78.9	55.7	54.3	52.6
65,0°	53.7	34.7	27.0	26.1	26.3	26.3	403.8	216.2	107.0	67.1	55.1	54.7	52.1
67,5°	35.7	26.3	22.5	22.5	22.9	23.0	405.4	203.7	111.8	62.2	53.0	54.0	50.9
70,0°	26.2	20.8	19.1	19.5	20.1	20.2	417.5	196.5	121.5	60.5	53.7	55.1	50.0
72,5°	17.8	16.2	16.3	16.8	17.2	17.3	395.2	201.4	108.6	51.0	51.4	51.9	48.5
75,0°	13.7	13.8	13.9	14.2	14.2	14.0	420.1	224.5	72.7	45.9	48.4	50.5	47.6
77,5°	11.5	11.6	11.6	11.4	10.9	10.4	344.2	168.2	56.6	42.6	47.6	48.3	45.0
80,0°	9.5	9.7	9.4	8.9	8.4	8.3	252.4	198.3	93.9	40.9	46.1	45.3	43.0
82,5°	8.2	8.0	7.5	7.0	6.8	6.7	198.6	114.4	66.7	38.2	43.1	44.0	39.1
85,0°	6.8	6.4	5.9	5.6	5.5	5.6	72.0	58.9	51.6	34.8	37.9	36.4	33.0
87,5°	5.5	4.8	4.7	4.5	4.4	4.4	11.4	13.7	17.4	21.8	22.6	18.7	13.6
90,0°	5.3	4.6	4.1	4.0	3.9	3.9	8.7	10.3	12.7	14.1	12.5	10.2	8.0
92,5°	4.7	4.2	3.8	3.7	3.6	3.5	5.7	5.5	5.4	5.4	5.3	5.1	4.9
95,0°	3.6	3.5	3.4	3.3	3.2	3.2	4.9	4.8	4.7	4.7	4.6	4.4	4.3
97,5°	3.3	3.2	3.2	3.2	3.0	3.0	4.5	4.4	4.3	4.2	4.1	4.0	3.9
100,0°	3.0	3.0	3.0	2.9	2.8	2.8	4.1	4.1	4.0	3.9	3.8	3.8	3.6
102,5°	2.8	2.8	2.8	2.8	2.8	2.8	3.8	3.7	3.7	3.7	3.6	3.6	3.4
105,0°	2.6	2.5	2.5	2.5	2.5	2.5	3.5	3.4	3.4	3.4	3.3	3.3	3.1
107,5°	2.5	2.5	2.5	2.5	2.4	2.5	3.2	3.2	3.2	3.2	3.2	3.1	3.0
110,0°	2.3	2.3	2.3	2.3	2.3	2.3	3.2	3.0	3.1	3.1	3.0	3.1	2.9
112,5°	2.3	2.3	2.3	2.3	2.3	2.3	3.0	3.0	3.0	3.0	3.0	2.9	2.8

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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°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	0.0	0.0
2,5°	35.2	34.9	35.0	35.4	36.5	37.2	37.9	38.5	37.7	37.4	37.3	0.4	0.5
5,0°	52.8	53.7	56.0	56.1	54.9	51.3	48.6	47.7	47.2	47.6	46.9	1.1	1.6
7,5°	69.7	69.4	68.5	65.5	61.5	56.8	53.5	51.2	50.4	50.1	50.6	2.4	4.0
10,0°	93.2	92.2	85.3	80.0	78.6	73.3	66.1	61.2	59.7	61.6	63.5	4.9	8.9
12,5°	110.2	102.0	92.3	85.1	81.3	79.7	74.5	67.4	64.2	67.0	68.0	8.6	17.5
15,0°	133.7	121.6	111.0	95.5	82.7	76.6	75.4	70.9	67.9	70.2	70.7	13.0	30.5
17,5°	138.4	124.1	114.9	113.7	87.1	73.6	70.0	68.0	61.8	62.1	64.6	17.4	47.9
20,0°	131.4	115.1	100.8	89.4	78.0	69.4	66.4	65.9	61.6	62.9	65.2	21.9	69.8
22,5°	117.3	94.9	85.1	78.9	72.1	70.6	65.9	65.4	65.4	67.6	72.2	26.1	95.9
25,0°	108.4	79.7	68.1	65.5	64.9	65.1	60.1	55.7	57.1	58.8	61.9	29.2	125.1
27,5°	90.3	67.6	60.7	58.5	57.9	57.5	53.8	47.0	46.6	48.3	49.3	31.1	156.3
30,0°	79.8	64.4	57.5	55.5	54.0	53.3	50.0	43.0	42.1	44.4	45.7	32.6	188.8
32,5°	74.0	61.4	55.4	53.2	51.3	49.7	47.1	40.9	38.1	40.4	41.3	33.8	222.6
35,0°	67.5	55.3	52.8	51.1	49.6	47.6	44.8	39.9	35.0	37.1	38.3	35.4	258.1
37,5°	60.4	56.4	52.5	49.2	47.0	45.0	42.8	38.0	32.7	34.3	35.3	36.7	294.8
40,0°	57.9	55.6	53.2	50.6	46.6	43.3	40.0	35.6	29.5	31.8	32.6	37.4	332.2
42,5°	57.9	55.1	52.5	48.9	45.5	42.6	38.4	33.9	27.7	29.1	29.7	37.6	369.8
45,0°	58.0	55.0	52.2	48.2	44.3	40.3	36.2	32.6	27.1	27.4	27.4	37.7	407.5
47,5°	58.3	55.3	52.3	48.3	43.7	38.9	34.3	30.7	25.3	25.0	25.4	38.5	446.0
50,0°	57.5	54.7	51.5	48.4	43.3	38.2	33.1	29.1	24.2	23.4	23.7	39.1	485.1
52,5°	55.5	53.6	50.8	47.4	42.3	36.8	31.9	28.0	23.7	22.8	23.0	39.6	524.6
55,0°	53.6	52.0	49.0	45.2	40.2	35.0	30.1	26.4	22.6	21.5	21.8	40.6	565.2
57,5°	51.6	50.0	47.7	43.6	38.1	32.6	27.8	24.2	20.8	19.4	19.8	42.0	607.2
60,0°	50.1	47.1	45.1	41.1	35.3	30.1	25.6	22.1	19.0	17.7	18.2	44.5	651.8
62,5°	49.6	45.1	42.2	38.0	32.5	27.6	23.6	20.5	17.5	16.3	16.6	45.5	697.3
65,0°	49.5	43.1	38.7	34.3	29.5	25.2	21.6	18.9	16.3	15.1	15.7	45.2	742.5
67,5°	47.8	41.0	35.3	30.9	26.4	23.0	19.8	17.6	15.1	13.9	14.3	46.7	789.2
70,0°	46.5	38.7	31.8	27.3	23.6	20.7	18.3	16.5	14.6	13.1	13.4	47.4	836.6
72,5°	43.6	36.9	28.7	24.5	21.4	19.2	17.0	15.4	14.0	12.8	13.1	43.5	880.1
75,0°	41.4	35.2	26.2	22.4	19.6	17.3	15.5	13.9	12.8	11.7	11.9	34.6	914.7
77,5°	41.2	34.5	24.1	20.3	17.8	15.5	14.1	13.0	12.0	10.9	11.0	26.0	940.7
80,0°	38.8	33.4	21.8	18.5	16.4	14.3	13.1	11.9	10.6	10.0	9.9	19.3	960.0
82,5°	34.0	26.6	18.3	16.0	14.5	13.1	12.0	10.9	9.6	9.1	9.0	12.9	972.9
85,0°	23.9	17.4	15.2	13.3	12.5	11.6	10.7	9.7	8.4	8.2	8.3	8.4	981.3
87,5°	8.1	7.5	6.4	5.8	5.5	5.4	5.4	5.4	5.0	5.3	5.1	3.0	984.4
90,0°	6.6	6.8	5.7	5.3	5.1	4.8	4.8	4.8	4.4	4.6	4.4	2.0	986.4
92,5°	4.9	4.9	4.8	4.6	4.4	4.4	4.4	4.4	4.0	4.2	3.9	1.4	987.7
95,0°	4.2	4.0	3.8	3.6	3.5	3.3	3.2	3.1	2.9	2.8	2.5	1.1	988.9
97,5°	3.8	3.6	3.4	3.2	3.1	2.9	2.8	2.7	2.5	2.5	2.3	1.0	989.9
100,0°	3.4	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.4	2.3	2.1	0.9	990.8
102,5°	3.3	3.1	2.9	2.7	2.6	2.4	2.3	2.3	2.2	2.1	2.1	0.8	991.6
105,0°	3.1	2.9	2.8	2.6	2.4	2.3	2.2	2.2	2.1	2.1	2.0	0.8	992.4
107,5°	2.9	2.8	2.6	2.4	2.3	2.2	2.1	2.1	2.1	1.9	1.8	0.7	993.1
110,0°	2.9	2.6	2.5	2.4	2.2	2.1	2.1	2.1	2.0	1.8	1.8	0.7	993.8
112,5°	2.6	2.6	2.4	2.3	2.2	2.1	2.1	1.9	1.8	1.8	1.8	0.6	994.4

Photometric test report

Family DL 11 iQ	Order number: 5XA5565FF108P00022 EAN: 4058352955901	LP number 59376_87
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°	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.6	2.5	2.4	2.3	2.3	2.3
117,5°	3.0	3.0	3.0	2.9	2.9	2.8	2.6	2.5	2.5	2.3	2.3	2.3	2.2
120,0°	2.8	2.8	2.9	2.8	2.8	2.7	2.5	2.4	2.3	2.3	2.3	2.1	2.1
122,5°	2.8	2.8	2.8	2.8	2.6	2.6	2.5	2.3	2.3	2.3	2.1	2.1	2.1
125,0°	2.6	2.6	2.7	2.5	2.5	2.5	2.4	2.3	2.2	2.1	2.1	2.1	2.1
127,5°	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.1	2.1	2.0	1.8	1.8	1.8
130,0°	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.0	1.8	1.8	1.8	1.6	1.7
132,5°	2.1	2.1	2.1	2.1	2.0	1.9	1.8	1.8	1.6	1.6	1.6	1.6	1.6
135,0°	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6
137,5°	1.8	1.8	1.8	1.8	1.7	1.8	1.6	1.6	1.6	1.6	1.6	1.4	1.4
140,0°	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.4	1.4	1.4
142,5°	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
145,0°	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.1	1.1	1.1	1.1
147,5°	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.9	0.9	0.9
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
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: 5XA5565FF108P00022 EAN: 4058352955901	LP number 59376_87
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°	2.3	2.3	2.3	2.3	2.3	2.3	3.0	3.0	3.0	3.0	3.0	2.9	2.8
117,5°	2.3	2.2	2.1	2.2	2.1	2.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8
120,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.9	2.8	2.8	2.8	2.8	2.8	2.7
122,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.8	2.8	2.8	2.8	2.8	2.6	2.6
125,0°	2.1	2.1	2.1	2.0	2.0	2.1	2.7	2.7	2.7	2.7	2.6	2.5	2.5
127,5°	1.8	1.8	1.8	1.8	1.8	1.8	2.5	2.5	2.5	2.5	2.5	2.5	2.3
130,0°	1.6	1.6	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	2.3	2.2
132,5°	1.6	1.6	1.6	1.6	1.5	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	1.6	1.6	1.6	1.6	1.4	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.0
137,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
142,5°	1.3	1.2	1.2	1.1	1.1	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6
145,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
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: 5XA5565FF108P00022 EAN: 4058352955901	LP number 59376_87
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°	2.7	2.5	2.5	2.3	2.2	2.1	2.0	1.8	1.8	1.8	1.8	0.6	995.1
117,5°	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.8	1.8	1.8	1.8	0.6	995.6
120,0°	2.5	2.5	2.3	2.2	2.1	2.0	1.8	1.8	1.8	1.8	1.8	0.6	996.2
122,5°	2.5	2.4	2.3	2.1	2.0	2.0	1.8	1.8	1.8	1.7	1.6	0.5	996.7
125,0°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.6	0.5	997.3
127,5°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.6	1.6	0.5	997.7
130,0°	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.6	1.6	1.6	0.4	998.1
132,5°	2.0	1.9	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6	0.4	998.5
135,0°	1.8	1.8	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	0.3	998.8
137,5°	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	0.3	999.1
140,0°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.4	1.4	1.4	0.3	999.4
142,5°	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.2	999.6
145,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.1	0.2	999.8
147,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	1000.0
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
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: 5XA5565FF108P00022 EAN: 4058352955901	LP number 59376_87
Dimming levels table		environmental temperature: 25°C



Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W] average
				start of lifetime	end of lifetime	
100	254	254	4540	33.6	35.9	34.8
95	241	252	4308	31.3	33.5	32.4
90	229	250	4093	29.4	31.4	30.4
85	216	248	3861	27.3	29.2	28.2
80	203	246	3628	25.4	27.1	26.2
75	190	243	3396	23.5	25.1	24.3
70	178	241	3182	21.9	23.3	22.6
65	165	238	2949	20.1	21.4	20.8
60	152	235	2717	18.4	19.5	19.0
55	140	232	2502	16.8	17.9	17.4
50	127	229	2270	15.2	16.2	15.7
45	114	225	2038	13.7	14.5	14.1
40	102	221	1823	12.2	13.0	12.6
35	89	216	1591	10.7	11.3	11.0
30	76	210	1358	9.2	9.7	9.4
25	63	203	1126	7.8	8.2	8.0
20	51	195	912	6.6	6.9	6.8
15	38	184	679	5.2	5.5	5.4
11	28	173	500	4.1	4.4	4.2