

Photometric test report

Family
DL 11 iQ

Order number: 5XA5565AF108000022
EAN: 4058352955635

LP number
59435_12

serial
documentation
12.10.2023



Version luminaire insert LED, Siteco® metallic grey (DB 702S), post-top- or mounting to wall arm
Optic asymmetric, wide distribution (ST1.2a)
Cover cover transparent, PMMA
Lamps LED 2200 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1480 lm
Power consumption = 13.0 W
Luminous efficacy = 113.8 lm/W

siteco

Luminous intensity in cd/klm

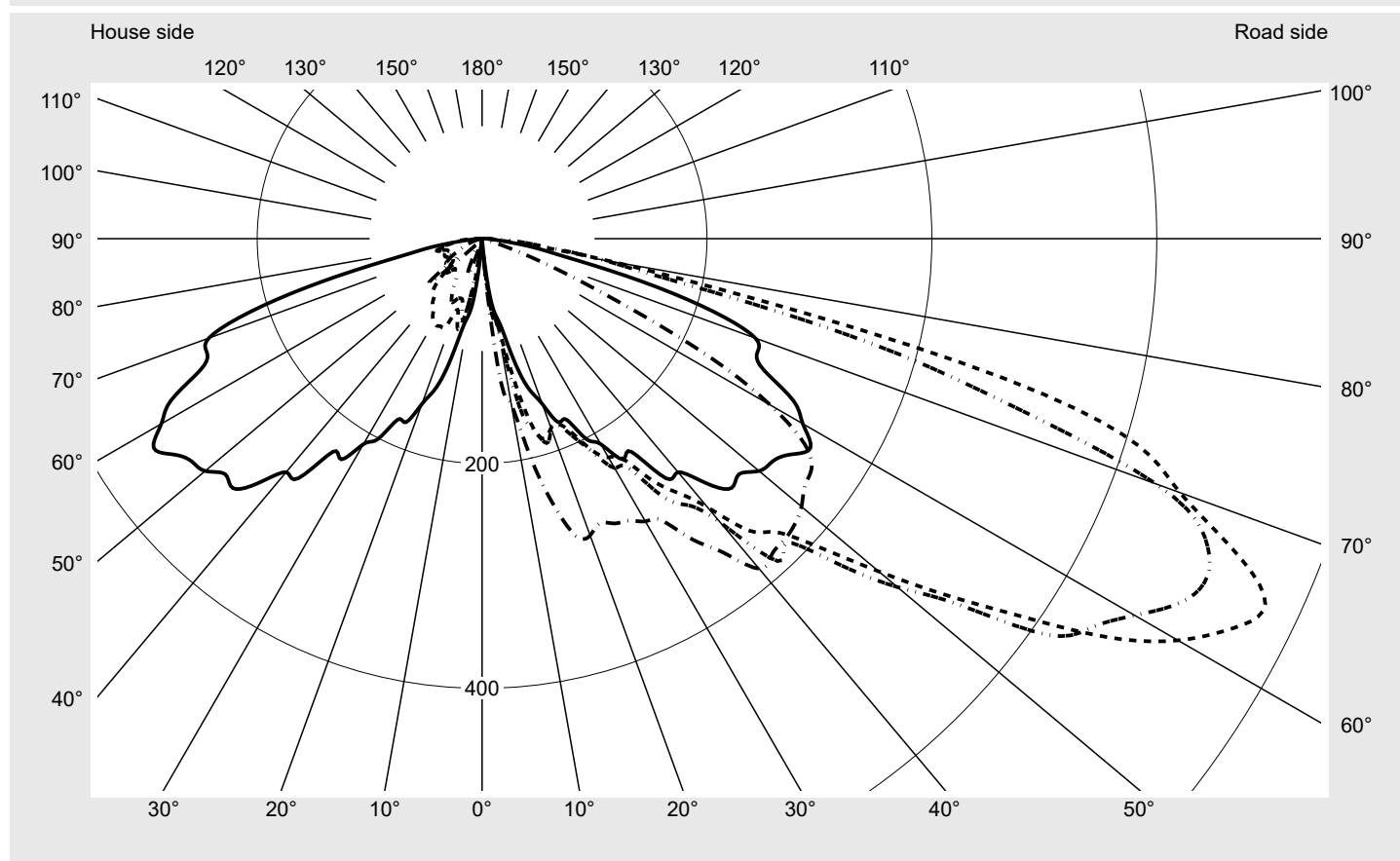
C180-0

C205-25

C210-30

C270-90

Imax: 769 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	98.8%
Eta 90° - 180°	1.2%

Luminous intensity class acc. to EN13201-2

Class:	G2
Imax 70°	660.5
Imax 80°	140.3
Imax 90°	4.2
Imax >90°	3.1
Imax >95°	3.1

Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm

KMK 65°

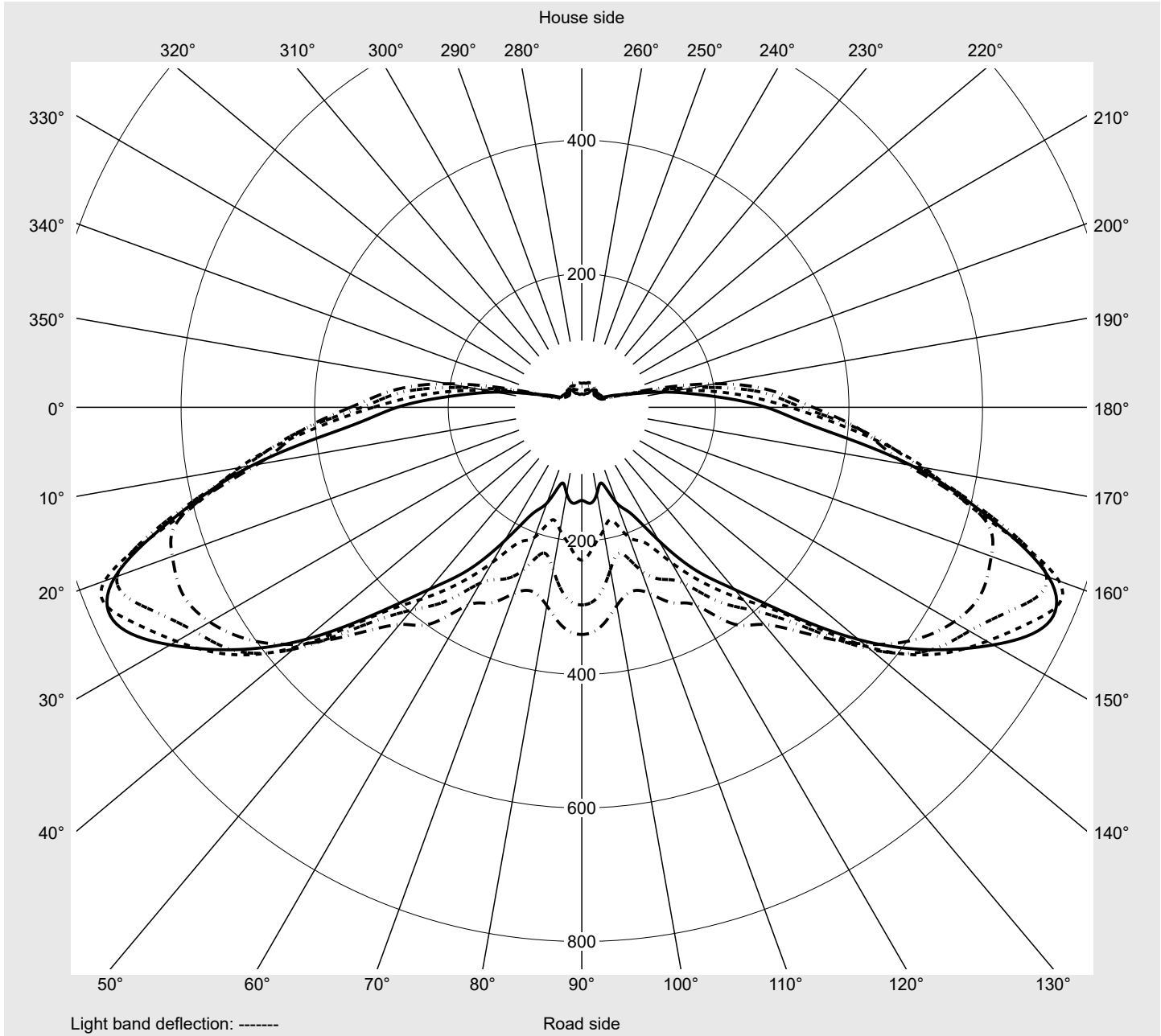
KMK 62,5°

KMK 60°

KMK 57,5°

sit

eco



Photometric test report

Family DL 11 iQ	Order number: 5XA5565AF108000022 EAN: 4058352955635	LP number 59435_12
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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
2,5°	4.5	4.5	4.5	4.7	4.7	4.9	5.1	5.1	5.2	5.4	5.6	5.8	5.9
5,0°	9.9	11.7	13.1	14.8	17.6	20.9	24.7	28.6	31.4	33.3	34.3	35.2	35.6
7,5°	47.9	62.7	66.6	70.2	70.1	68.5	66.7	66.4	66.4	69.4	72.3	80.0	88.9
10,0°	69.0	69.5	70.2	72.5	73.4	76.7	80.5	87.3	98.5	114.7	125.1	139.6	144.5
12,5°	83.1	87.1	90.1	93.8	106.3	122.9	152.5	158.9	167.8	161.7	156.8	161.0	172.2
15,0°	116.6	127.4	139.9	158.4	172.4	172.9	175.1	174.6	180.5	187.0	184.4	186.6	198.7
17,5°	141.3	161.4	169.6	176.5	180.5	186.1	190.6	195.5	191.2	197.6	202.8	201.8	211.4
20,0°	156.5	165.6	170.4	175.5	176.7	179.3	179.7	185.8	188.2	193.6	198.5	201.1	215.2
22,5°	176.7	183.3	182.5	179.8	179.1	178.6	180.0	188.7	192.4	199.0	208.6	218.4	225.3
25,0°	177.6	180.4	189.4	196.6	198.1	191.7	195.9	203.0	209.8	217.0	225.5	237.4	247.5
27,5°	201.1	210.0	205.6	206.2	210.2	212.6	215.0	225.7	231.6	238.4	249.7	255.5	270.3
30,0°	211.0	218.0	214.4	220.6	219.1	224.6	235.4	250.8	264.2	267.3	277.3	288.6	296.4
32,5°	232.8	230.4	221.7	226.2	223.6	231.8	241.2	248.9	277.8	294.9	295.9	306.4	318.7
35,0°	231.4	238.2	242.4	248.7	248.7	261.4	280.0	295.0	310.7	331.5	340.7	337.7	347.7
37,5°	268.7	267.9	255.3	268.0	274.8	284.6	298.5	315.1	337.6	347.7	365.8	368.9	371.0
40,0°	271.2	273.3	271.0	274.1	283.4	311.9	329.7	345.6	359.9	379.2	387.2	398.0	406.0
42,5°	295.0	296.6	297.1	308.3	324.7	352.5	389.0	403.8	406.4	422.8	426.3	418.9	416.3
45,0°	313.7	307.4	311.1	314.9	335.5	369.1	382.7	420.9	437.9	452.4	455.7	433.9	433.4
47,5°	310.0	313.0	329.0	343.3	360.0	405.9	427.0	461.8	457.8	460.8	462.2	447.0	445.4
50,0°	321.5	346.3	370.3	400.8	399.2	460.6	482.2	488.5	474.5	468.3	459.4	443.9	430.3
52,5°	325.5	372.4	399.9	481.9	478.4	521.2	535.0	533.1	505.6	485.9	459.5	442.8	409.2
55,0°	334.8	404.7	425.4	547.2	565.7	586.1	614.5	566.5	544.6	488.1	448.7	426.4	369.3
57,5°	346.3	424.3	493.9	617.1	652.5	660.0	643.2	607.2	551.6	480.1	424.5	396.1	342.4
60,0°	329.4	426.3	514.4	636.8	740.6	714.7	670.2	634.9	563.6	461.1	396.5	354.3	303.9
62,5°	312.1	412.0	520.9	618.1	760.5	751.4	700.7	645.0	557.8	443.3	375.7	322.6	268.5
65,0°	276.4	356.2	501.0	628.1	744.1	768.5	711.5	632.8	541.3	437.9	356.2	298.2	230.7
67,5°	264.9	312.1	452.9	578.9	722.9	723.0	696.0	613.6	509.4	399.1	331.3	267.0	195.0
70,0°	258.6	334.1	450.0	573.5	655.9	660.5	638.0	529.4	447.7	359.3	299.6	232.3	165.9
72,5°	215.7	335.6	388.4	539.0	611.7	611.9	493.5	443.9	352.2	267.9	218.2	176.7	139.4
75,0°	147.1	263.8	325.0	456.4	486.7	481.7	354.3	304.3	208.4	174.8	167.1	157.5	129.8
77,5°	79.6	145.9	209.5	285.6	311.4	252.9	180.9	160.7	133.7	116.9	117.1	117.3	108.2
80,0°	50.4	66.2	100.0	116.9	140.3	116.1	109.8	121.6	92.7	61.3	43.0	30.0	39.2
82,5°	25.6	33.8	35.6	48.4	56.3	44.4	59.8	83.5	64.0	37.8	17.3	12.4	7.5
85,0°	11.5	12.4	9.6	8.4	8.0	12.9	35.2	42.9	28.9	14.8	8.2	6.4	4.7
87,5°	6.3	5.6	5.2	5.8	6.3	8.2	12.2	13.9	8.2	4.5	4.4	3.8	3.3
90,0°	3.5	3.5	3.5	3.3	3.1	3.3	3.1	3.1	3.1	3.0	3.0	2.8	2.8
92,5°	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.8	2.8	2.8	2.6	2.6	2.4
95,0°	3.1	3.1	3.1	3.1	2.8	3.0	2.8	2.8	2.6	2.4	2.4	2.4	2.4
97,5°	3.1	3.0	3.0	3.0	2.8	2.8	2.8	2.6	2.4	2.4	2.4	2.3	2.3
100,0°	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.6	2.4	2.4	2.3	2.3	2.1
102,5°	2.8	2.8	2.8	2.8	2.8	2.6	2.6	2.4	2.4	2.4	2.3	2.1	2.1
105,0°	2.6	2.6	2.6	2.6	2.6	2.4	2.4	2.4	2.3	2.1	2.1	2.1	2.1
107,5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.1	2.1	2.1	1.9	2.1
110,0°	2.4	2.4	2.4	2.4	2.4	2.4	2.1	2.1	2.1	2.1	2.1	1.9	1.9
112,5°	2.4	2.4	2.4	2.4	2.3	2.4	2.1	2.1	2.1	2.1	1.9	1.7	1.7

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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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
2,5°	5.9	6.3	6.4	6.4	6.6	6.6	4.2	4.2	4.2	4.2	4.2	4.2	4.2
5,0°	35.6	34.2	32.8	31.7	31.2	31.7	7.5	6.6	6.4	5.4	4.5	4.4	4.2
7,5°	101.4	111.9	116.9	122.3	126.3	129.0	40.3	26.1	17.1	12.5	9.6	7.1	6.1
10,0°	144.3	146.0	149.3	150.7	152.1	149.9	70.1	69.5	67.4	57.9	42.3	29.1	18.1
12,5°	182.3	186.3	196.9	203.7	201.6	199.4	76.7	71.6	67.1	66.9	69.2	68.7	61.5
15,0°	211.2	228.6	237.4	245.5	245.9	244.7	101.9	91.3	87.8	83.0	83.1	69.2	62.2
17,5°	218.5	233.0	250.6	265.2	276.9	277.1	119.5	104.4	85.6	79.6	71.1	58.0	56.8
20,0°	226.2	242.8	257.0	271.0	280.2	280.9	145.0	122.7	104.7	87.7	69.0	56.5	47.7
22,5°	233.2	242.8	257.4	269.2	273.4	273.9	167.6	147.3	127.2	104.4	84.7	58.0	38.9
25,0°	259.5	263.0	269.8	279.2	279.2	279.5	165.6	146.9	135.1	106.5	86.3	62.6	41.5
27,5°	280.6	287.5	290.3	285.6	282.7	282.7	181.4	166.4	137.3	103.9	87.3	58.6	34.0
30,0°	307.1	304.1	297.8	294.9	291.2	290.3	199.2	190.6	147.1	113.8	85.6	51.6	30.3
32,5°	326.1	320.7	308.1	303.2	298.5	297.3	211.4	194.7	157.5	115.5	81.7	43.9	27.9
35,0°	346.8	337.9	328.1	326.9	323.4	326.9	211.7	194.7	154.4	116.4	75.1	40.6	26.5
37,5°	379.6	377.5	359.9	353.8	348.5	351.7	257.0	222.7	169.0	134.0	72.3	40.1	28.9
40,0°	410.1	399.9	365.1	360.0	366.8	383.4	252.3	226.7	170.3	129.3	65.9	37.6	30.3
42,5°	419.5	399.6	369.1	373.8	376.8	381.3	269.2	239.1	166.6	121.5	64.0	36.2	31.9
45,0°	435.0	402.9	366.7	372.6	378.3	379.6	298.2	250.4	180.0	112.4	58.7	42.2	41.3
47,5°	432.0	389.3	365.1	373.8	375.9	376.8	297.7	237.5	158.4	91.5	46.5	43.2	36.2
50,0°	423.1	373.8	355.2	366.0	371.4	370.8	301.3	235.8	152.8	83.3	37.6	35.4	30.0
52,5°	397.2	361.6	346.3	353.1	363.0	361.8	301.7	236.0	138.4	69.7	32.6	30.0	26.0
55,0°	355.7	336.0	328.5	336.2	351.2	357.6	299.9	229.0	119.2	58.4	31.7	27.7	25.4
57,5°	323.3	296.6	285.6	301.7	329.5	340.2	285.5	203.2	97.4	42.2	30.1	28.1	27.4
60,0°	284.2	260.4	226.0	246.8	284.1	295.9	267.2	169.7	86.3	38.2	31.4	29.5	29.3
62,5°	223.6	207.4	175.0	187.0	208.3	229.0	230.0	146.2	77.7	45.7	35.4	31.2	31.0
65,0°	176.5	152.5	118.2	130.9	144.3	139.4	194.3	131.2	77.9	53.2	36.6	34.0	32.8
67,5°	142.2	101.9	67.1	76.2	80.2	77.4	179.5	119.5	74.6	49.1	35.9	35.4	34.5
70,0°	117.3	76.2	35.0	29.5	32.6	37.3	173.6	119.4	73.2	42.7	34.3	32.8	34.9
72,5°	94.3	41.7	19.0	12.4	11.3	12.5	152.8	112.6	69.4	40.1	36.2	33.5	35.9
75,0°	72.0	17.1	10.8	7.8	7.1	7.0	107.7	79.8	61.9	39.9	41.7	38.5	35.6
77,5°	35.9	12.5	8.7	6.6	5.6	5.6	59.4	52.1	52.5	37.6	36.9	36.4	35.4
80,0°	10.3	7.7	6.3	5.4	4.9	4.9	43.2	44.4	38.3	31.7	31.0	33.6	31.7
82,5°	6.8	5.6	4.7	4.4	4.2	4.2	26.0	26.1	25.3	21.4	23.7	23.5	21.3
85,0°	4.4	3.8	3.5	3.5	3.5	3.5	12.2	13.8	16.9	19.0	19.5	19.0	13.8
87,5°	3.3	3.0	3.0	3.0	3.0	2.8	7.1	8.9	10.6	11.9	11.9	11.3	9.6
90,0°	2.8	2.6	2.8	2.8	2.6	2.8	3.5	3.5	3.5	3.5	3.7	3.5	3.5
92,5°	2.4	2.6	2.4	2.4	2.4	2.4	3.1	3.0	3.0	2.8	2.8	2.6	2.6
95,0°	2.3	2.3	2.1	2.3	2.3	2.1	3.1	2.8	2.8	2.6	2.6	2.4	2.4
97,5°	2.3	2.3	2.1	2.1	2.1	2.1	3.0	2.8	2.8	2.6	2.4	2.4	2.4
100,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.8	2.8	2.8	2.4	2.4	2.4	2.4
102,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.8	2.6	2.4	2.4	2.4	2.4	2.4
105,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.8	2.6	2.4	2.4	2.4	2.4	2.4
107,5°	2.1	2.1	2.1	1.9	1.9	1.7	2.6	2.4	2.4	2.4	2.4	2.4	2.4
110,0°	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
112,5°	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.4	2.4	2.4	2.4	2.4	2.3

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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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	0.0	0.0
2,5°	4.2	4.2	4.4	4.2	4.5	4.7	5.1	5.1	5.2	4.9	4.9	0.1	0.1
5,0°	4.0	4.0	3.8	3.7	3.5	3.5	3.1	3.3	3.1	3.3	3.1	0.4	0.4
7,5°	5.2	4.7	4.5	4.2	4.0	3.8	3.8	3.7	3.5	3.3	3.5	1.7	2.1
10,0°	12.4	8.0	5.4	4.5	4.4	4.2	3.8	4.2	3.7	3.8	3.5	3.2	5.4
12,5°	45.5	25.6	14.8	9.1	6.1	5.2	4.9	4.4	4.4	3.8	3.8	5.6	11.0
15,0°	56.8	54.2	52.3	39.4	24.0	13.6	7.1	4.5	4.0	3.1	3.1	8.5	19.4
17,5°	46.2	41.3	38.3	38.7	37.8	35.2	27.7	18.3	11.2	5.9	5.2	10.7	30.1
20,0°	34.5	31.5	30.0	27.7	26.7	26.3	25.3	24.2	26.1	27.2	28.6	12.3	42.5
22,5°	28.1	24.7	22.5	21.1	20.2	19.2	20.0	17.8	27.0	33.1	33.8	14.2	56.7
25,0°	30.0	23.2	18.8	17.3	16.4	16.7	21.6	14.6	21.3	23.9	23.0	16.5	73.2
27,5°	27.9	21.6	17.8	16.4	14.8	14.3	17.8	12.5	14.5	16.9	16.7	19.2	92.3
30,0°	25.8	21.8	18.3	16.7	14.8	13.6	15.2	11.5	11.2	12.9	12.5	22.1	114.5
32,5°	24.4	21.4	18.3	16.4	14.1	12.7	12.7	10.5	9.1	10.5	10.5	24.7	139.2
35,0°	24.9	21.3	18.3	16.4	14.6	12.4	11.7	9.8	8.0	9.1	8.7	28.4	167.6
37,5°	24.2	20.6	18.0	15.7	13.9	12.0	10.3	8.7	7.3	8.2	8.0	32.8	200.5
40,0°	26.8	21.8	18.8	15.2	15.0	12.5	10.6	8.5	7.1	8.0	7.7	36.4	236.9
42,5°	30.1	25.4	19.5	18.0	16.2	15.5	12.2	9.4	7.1	7.7	7.7	41.1	278.0
45,0°	33.1	24.4	21.6	23.4	23.9	23.4	22.1	18.1	11.9	9.2	8.0	44.8	322.7
47,5°	31.0	24.2	25.1	32.8	34.9	33.8	31.5	28.4	29.3	21.6	23.7	48.1	370.8
50,0°	25.1	23.5	27.9	35.9	40.6	41.0	40.3	41.5	40.3	43.6	61.3	51.8	422.7
52,5°	23.4	22.1	26.1	35.2	42.0	44.3	42.7	50.9	55.1	43.9	40.8	55.5	478.2
55,0°	23.7	23.4	26.8	35.4	45.3	49.1	42.0	41.1	40.1	39.0	38.7	58.5	536.7
57,5°	26.3	26.1	28.6	32.9	37.1	39.6	38.7	38.3	36.6	36.6	35.9	60.5	597.2
60,0°	28.6	27.2	28.6	30.7	34.5	35.2	34.5	33.3	31.4	31.2	31.0	60.5	657.7
62,5°	31.0	27.9	31.5	31.0	32.1	30.5	28.4	27.2	25.4	25.1	24.7	58.8	716.5
65,0°	32.1	31.5	33.5	31.9	29.5	23.9	22.3	21.1	19.5	19.7	20.2	56.0	772.5
67,5°	34.3	35.4	34.7	33.1	26.3	18.1	17.6	17.1	16.2	16.0	16.4	51.8	824.3
70,0°	37.3	35.9	35.4	32.2	22.1	13.4	12.4	12.9	12.4	12.2	12.2	47.6	871.9
72,5°	37.8	35.9	37.3	29.6	17.8	9.4	9.1	9.9	9.2	8.9	9.1	41.2	913.1
75,0°	35.6	33.6	32.9	23.0	16.6	6.4	6.1	6.8	6.6	6.3	5.9	32.0	945.1
77,5°	29.6	30.7	24.6	15.5	11.5	4.9	4.2	4.4	4.4	4.0	3.8	20.4	965.5
80,0°	24.6	21.8	16.6	10.1	6.1	3.8	3.1	3.1	3.0	2.6	2.8	11.1	976.5
82,5°	17.8	14.6	11.7	7.5	4.9	3.1	2.8	2.4	2.4	2.1	2.1	6.0	982.5
85,0°	10.3	8.7	8.4	7.8	6.1	3.0	2.4	2.1	2.1	1.7	1.7	3.0	985.5
87,5°	7.5	5.6	6.3	7.8	5.1	2.6	2.1	2.1	1.7	1.7	1.7	1.7	987.1
90,0°	3.3	3.1	3.7	4.2	2.8	2.4	2.1	1.7	1.7	1.6	1.7	0.8	988.0
92,5°	2.6	2.4	2.4	2.3	2.1	2.1	1.9	1.7	1.7	1.6	1.4	0.7	988.7
95,0°	2.4	2.4	2.3	2.1	2.1	1.9	1.9	1.7	1.7	1.7	1.7	0.7	989.4
97,5°	2.4	2.4	2.3	2.1	2.1	1.9	1.7	1.7	1.6	1.4	1.4	0.6	990.0
100,0°	2.4	2.3	2.1	2.1	1.9	1.7	1.7	1.7	1.6	1.4	1.4	0.6	990.6
102,5°	2.4	2.3	2.3	2.1	1.9	1.7	1.7	1.7	1.6	1.4	1.4	0.6	991.2
105,0°	2.3	2.3	2.1	2.1	1.9	1.7	1.7	1.6	1.4	1.4	1.4	0.6	991.8
107,5°	2.3	2.1	2.1	2.1	1.9	1.7	1.7	1.6	1.4	1.4	1.4	0.6	992.4
110,0°	2.3	2.3	2.1	2.1	1.9	1.7	1.7	1.6	1.4	1.4	1.4	0.5	992.9
112,5°	2.3	2.1	2.1	2.1	1.9	1.7	1.7	1.6	1.6	1.4	1.4	0.5	993.4

Photometric test report

Family DL 11 iQ	Order number: 5XA5565AF108000022 EAN: 4058352955635	LP number 59435_12
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°	2.4	2.4	2.4	2.4	2.4	2.1	2.1	2.1	2.1	1.9	1.7	1.7	1.7
117,5°	2.4	2.4	2.4	2.3	2.1	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.7
120,0°	2.4	2.4	2.4	2.1	2.1	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.7
122,5°	2.4	2.3	2.3	2.1	2.1	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7
125,0°	2.4	2.3	2.1	2.1	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
127,5°	2.3	2.1	2.1	2.1	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
130,0°	2.1	2.1	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
132,5°	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7
135,0°	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.6
137,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.4	1.4
140,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.6	1.4	1.4
142,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.4	1.6	1.4
145,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.6	1.4	1.4
147,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.4	1.4	1.4
150,0°	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4
152,5°	1.6	1.4	1.6	1.6	1.4	1.7	1.4	1.6	1.4	1.4	1.4	1.4	1.4
155,0°	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
157,5°	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
160,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.4	1.2	1.2	1.2
162,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.4	1.0	1.0
165,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.4	1.2
167,5°	1.4	1.4	1.4	1.6	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.2
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.2	1.0	1.0
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: 5XA5565AF108000022 EAN: 4058352955635	LP number 59435_12
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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°	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
117,5°	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
120,0°	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
122,5°	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
125,0°	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
127,5°	1.7	1.7	1.7	1.7	1.7	1.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
130,0°	1.6	1.6	1.6	1.6	1.6	1.7	2.3	2.1	2.4	2.3	2.4	2.4	2.3
132,5°	1.6	1.6	1.4	1.6	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	1.4	1.4	1.4	1.6	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
137,5°	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	1.9	1.9	2.1
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	2.1	1.7	1.9	1.7	1.9	1.7	1.9
142,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7
145,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7
147,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7
150,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7
152,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.6	1.6	1.4	1.6	1.4	1.6
155,0°	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
157,5°	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
160,0°	1.2	1.2	1.2	1.2	1.4	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4
162,5°	1.0	1.0	1.0	1.2	1.2	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4
165,0°	1.0	1.4	1.2	1.2	1.4	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4
167,5°	1.2	1.2	1.0	1.2	1.0	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4
170,0°	1.0	1.2	1.0	1.2	1.4	1.0	1.4	1.4	1.2	1.0	1.4	1.4	1.0
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: 5XA5565AF108000022 EAN: 4058352955635	LP number 59435_12
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°	2.3	2.3	2.3	2.1	1.9	1.7	1.7	1.7	1.7	1.4	1.4	0.5	993.9
117,5°	2.4	2.3	2.3	2.1	2.1	1.9	1.7	1.7	1.7	1.4	1.7	0.5	994.4
120,0°	2.4	2.4	2.3	2.1	2.1	1.7	1.7	1.7	1.7	1.6	1.7	0.5	994.9
122,5°	2.4	2.3	2.1	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7	0.5	995.4
125,0°	2.4	2.3	2.3	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7	0.5	995.8
127,5°	2.4	2.4	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.7	1.7	0.4	996.3
130,0°	2.1	2.1	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.7	1.7	0.4	996.7
132,5°	2.1	2.1	2.1	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7	0.4	997.1
135,0°	2.1	2.1	2.1	1.9	1.9	1.7	1.7	1.7	1.7	1.7	1.7	0.4	997.4
137,5°	2.1	2.1	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	997.7
140,0°	1.9	1.7	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	998.0
142,5°	1.7	1.7	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	998.3
145,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	998.6
147,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.2	998.8
150,0°	1.7	1.7	1.7	1.6	1.7	1.6	1.7	1.7	1.6	1.6	1.4	0.2	999.0
152,5°	1.6	1.6	1.6	1.6	1.6	1.4	1.4	1.4	1.6	1.4	1.4	0.2	999.2
155,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.2	999.4
157,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.1	999.5
160,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.1	999.7
162,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.1	999.8
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	1.2	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: 5XA5565AF108000022 EAN: 4058352955635	LP number 59435_12
Dimming levels table		environmental temperature: 25°C

siteco

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	1480	13.0	13.5	13.2
95	241	252	1404	12.3	12.8	12.6
90	229	250	1334	11.6	12.0	11.8
85	216	248	1259	10.9	11.3	11.1
80	203	246	1183	10.3	10.6	10.4
75	190	243	1107	9.6	9.9	9.8
70	178	241	1037	8.9	9.2	9.0
65	165	238	961	8.3	8.6	8.4
60	152	235	886	7.7	7.9	7.8
55	140	232	816	7.1	7.3	7.2
50	127	229	740	6.6	6.7	6.6
45	114	225	664	6.0	6.2	6.1
40	102	221	594	5.4	5.6	5.5
35	89	216	519	4.9	5.0	5.0
30	76	210	443	4.3	4.4	4.4
25	63	203	367	3.8	3.9	3.8
20	51	195	297	3.2	3.3	3.2
15	38	184	221	2.4	2.5	2.4
14	35	181	204	2.2	2.3	2.2