

Photometric test report

Family
DL 11 iQ



Order number: 5XA5565KF108000022
EAN: 4058352956007

Version

Optic

Cover

Lamps

Controlgear

Rated values

luminaire insert LED, Siteco® metallic grey (DB 702S), post-top- or mounting to wall arm

asymmetric, wide distribution (ST1.2a)

cover transparent, PMMA

LED 4000 K | CRI ≥ 70

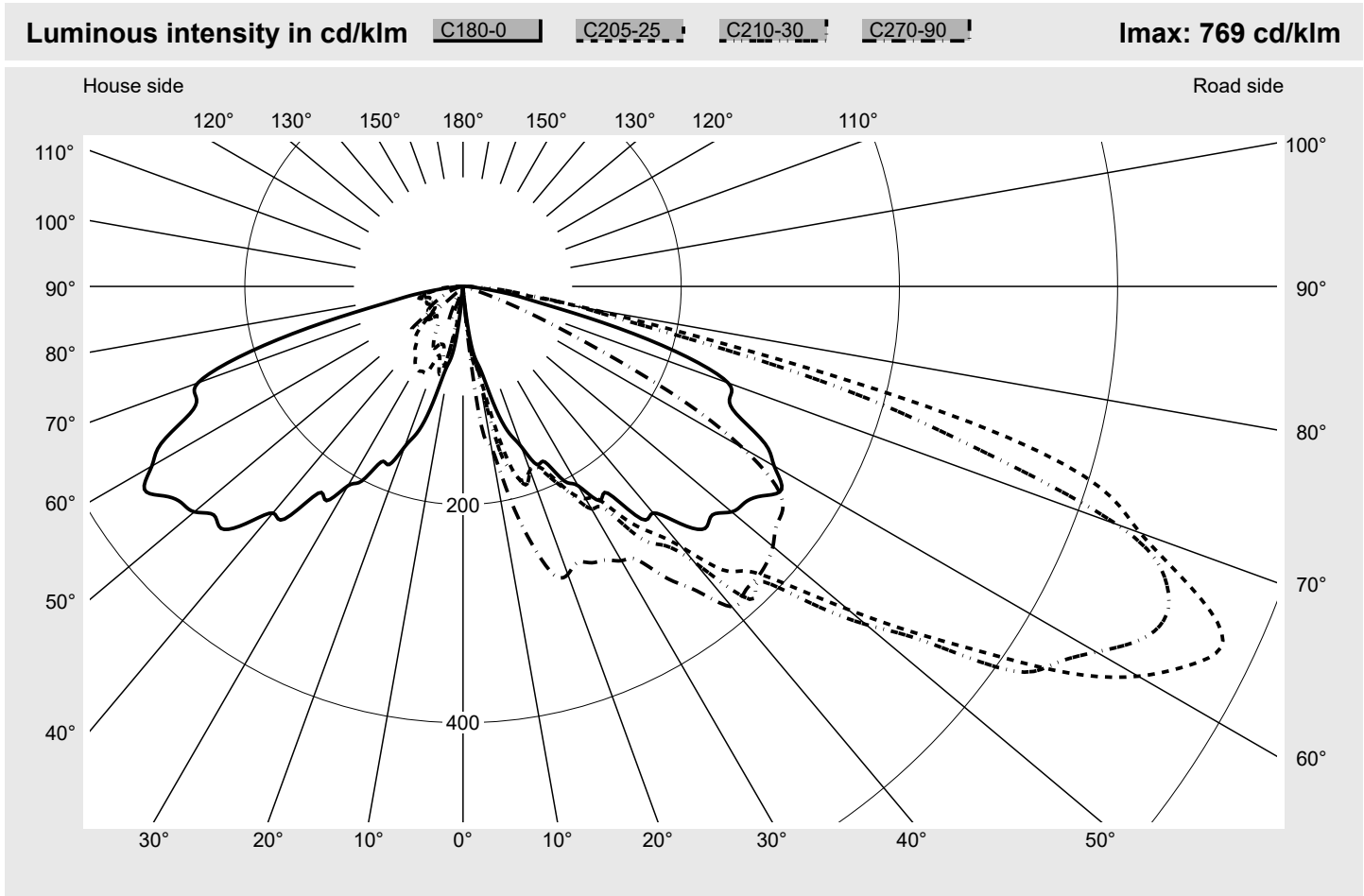
ECG SITECO iQ

Net luminous flux = 1480 lm
Power consumption = 10.0 W
Luminous efficacy = 148 lm/W

LP number
59435_73

serial
documentation
01.02.2024

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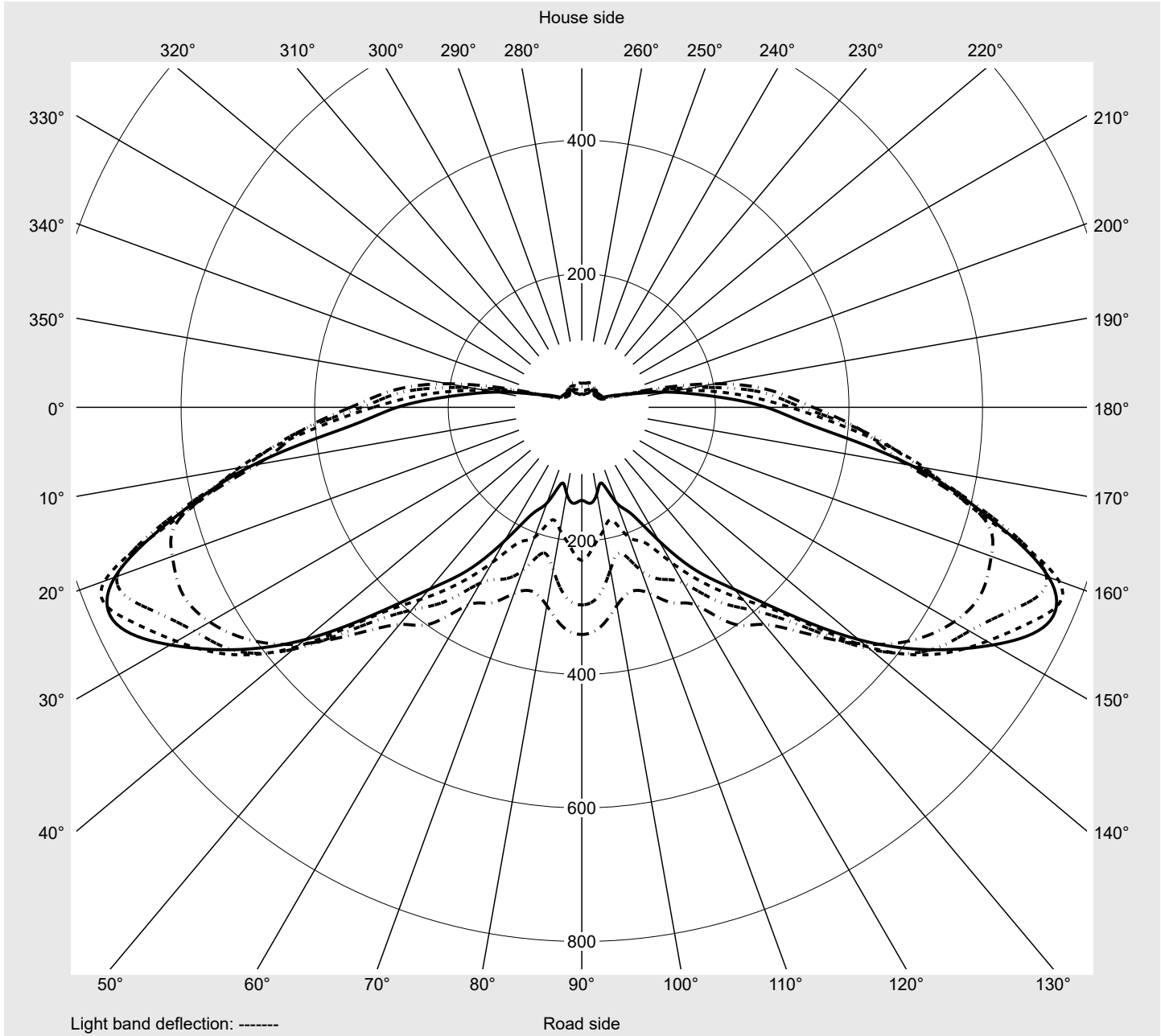


Luminaire output ratios		Luminous intensity class acc. to EN13201-2	
Eta	100.0%	Class:	G2
Eta 0° - 90°	98.8%	Imax 70°	660.5
Eta 90° - 180°	1.2%	Imax 80°	140.3
		Imax 90°	4.2
		Imax >90°	3.1
		Imax >95°	3.1
Measurement conditions			
DIN EN 13032 and DIN 5032			

Photometric test report

Family DL 11 iQ	Order number: 5XA5565KF108000022 EAN: 4058352956007	LP number 59435_73
Envelope curve in cd/klm KMK 65° KMK 62,5° KMK 60° KMK 57,5°		

siteco



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Family DL 11 iQ	Order number: 5XA5565KF108000022 EAN: 4058352956007	LP number 59435_73
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: 5XA5565KF108000022 EAN: 4058352956007	LP number 59435_73
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: 5XA5565KF108000022 EAN: 4058352956007	LP number 59435_73
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°	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: 5XA5565KF108000022 EAN: 4058352956007	LP number 59435_73
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: 5XA5565KF108000022 EAN: 4058352956007	LP number 59435_73
Dimming levels table	environmental temperature: 25°C	siteco

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	1480	10.0	10.4	10.2
95	241	252	1404	9.5	9.9	9.7
90	229	250	1334	9.0	9.3	9.2
85	216	248	1259	8.5	8.8	8.6
80	203	246	1183	8.0	8.3	8.2
75	190	243	1107	7.6	7.7	7.6
70	178	241	1037	7.1	7.3	7.2
65	165	238	961	6.6	6.8	6.7
60	152	235	886	6.1	6.4	6.2
55	140	232	816	5.7	5.9	5.8
50	127	229	740	5.3	5.5	5.4
45	114	225	664	4.8	5.0	4.9
40	102	221	594	4.4	4.6	4.5
35	89	216	519	4.0	4.1	4.0
30	76	210	443	3.6	3.7	3.6
30	75	209	437	3.5	3.7	3.6