

Photometric test report

Family

DL 11 iQ



Order number: 5XA5565EF108000022

EAN: 4058352955802

LP number

59435_72

serial documentation

01.02.2024

siteco

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

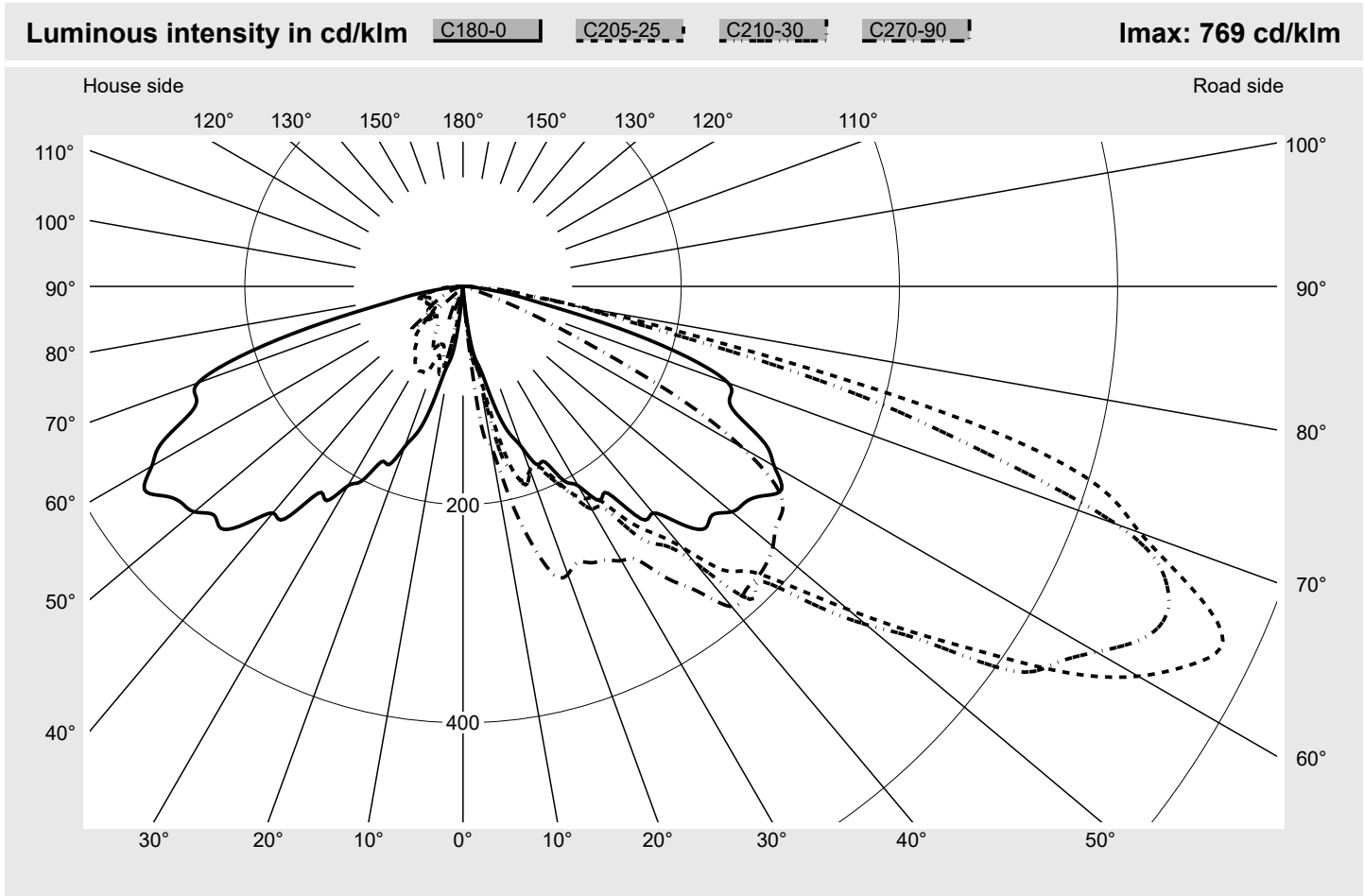
LED 3000 K | CRI ≥ 70

Controlgear

ECG SITECO iQ

Rated values

Net luminous flux = 1480 lm
Power consumption = 10.5 W
Luminous efficacy = 141 lm/W



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
Measurement conditions		Imax 90°	4.2
		Imax >90°	3.1
		Imax >95°	3.1
DIN EN 13032 and DIN 5032			

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Envelope curve in cd/klm

KMK 65°

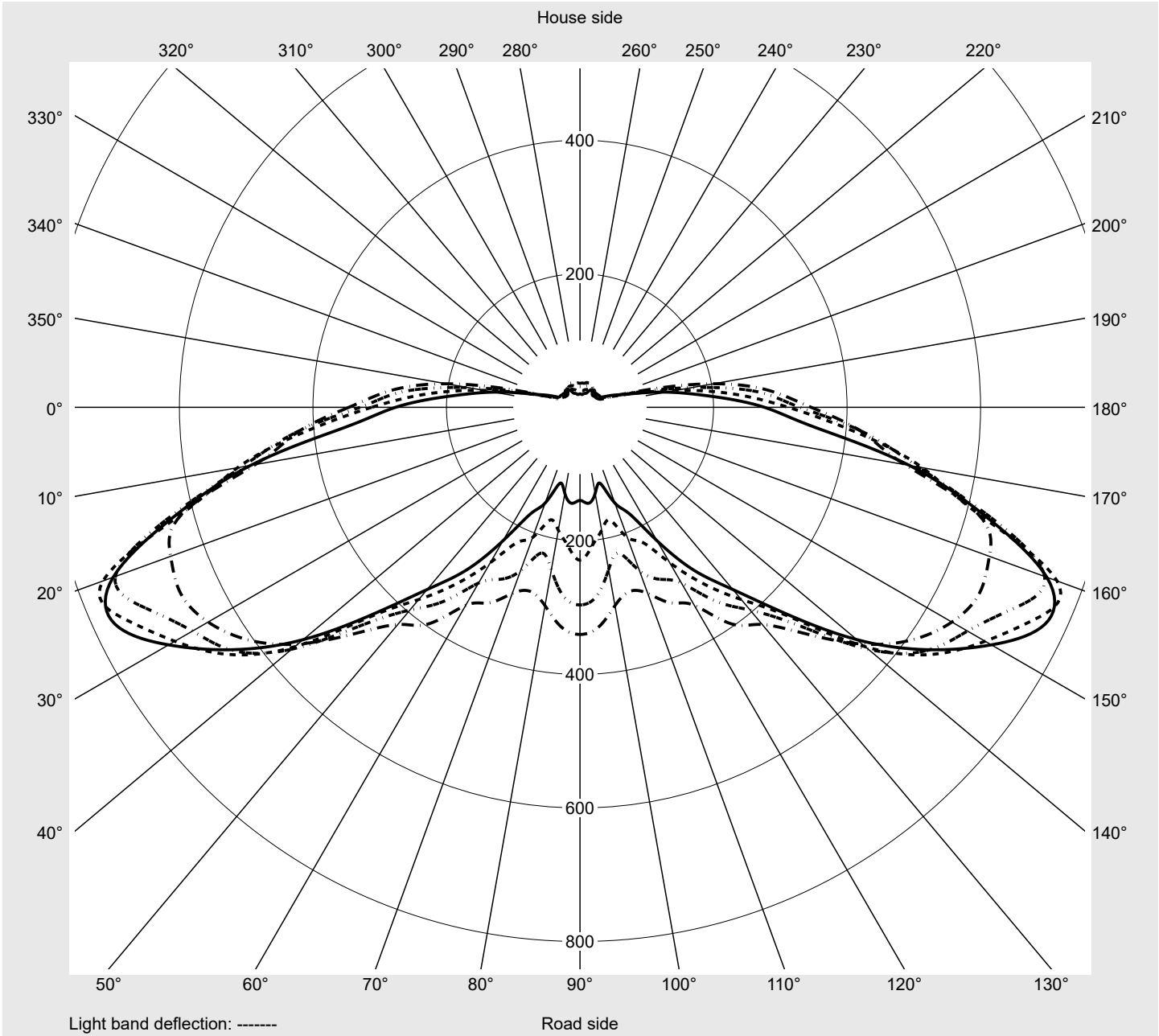
KMK 62,5°

KMK 60°

KMK 57,5°

sit

eco



Photometric test report

Family DL 11 iQ	Order number: 5XA5565EF108000022 EAN: 4058352955802	LP number 59435_72
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: 5XA5565EF108000022 EAN: 4058352955802	LP number 59435_72
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: 5XA5565EF108000022 EAN: 4058352955802	LP number 59435_72
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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: 5XA5565EF108000022 EAN: 4058352955802	LP number 59435_72
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: 5XA5565EF108000022 EAN: 4058352955802	LP number 59435_72
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	10.5	10.8	10.6
95	241	252	1404	10.0	10.3	10.2
90	229	250	1334	9.4	9.8	9.6
85	216	248	1259	8.9	9.2	9.0
80	203	246	1183	8.3	8.7	8.5
75	190	243	1107	7.8	8.1	8.0
70	178	241	1037	7.3	7.6	7.4
65	165	238	961	6.9	7.1	7.0
60	152	235	886	6.4	6.6	6.5
55	140	232	816	5.9	6.1	6.0
50	127	229	740	5.4	5.6	5.5
45	114	225	664	5.0	5.2	5.1
40	102	221	594	4.6	4.7	4.6
35	89	216	519	4.1	4.3	4.2
30	76	210	443	3.7	3.8	3.8
28	72	208	420	3.5	3.7	3.6