
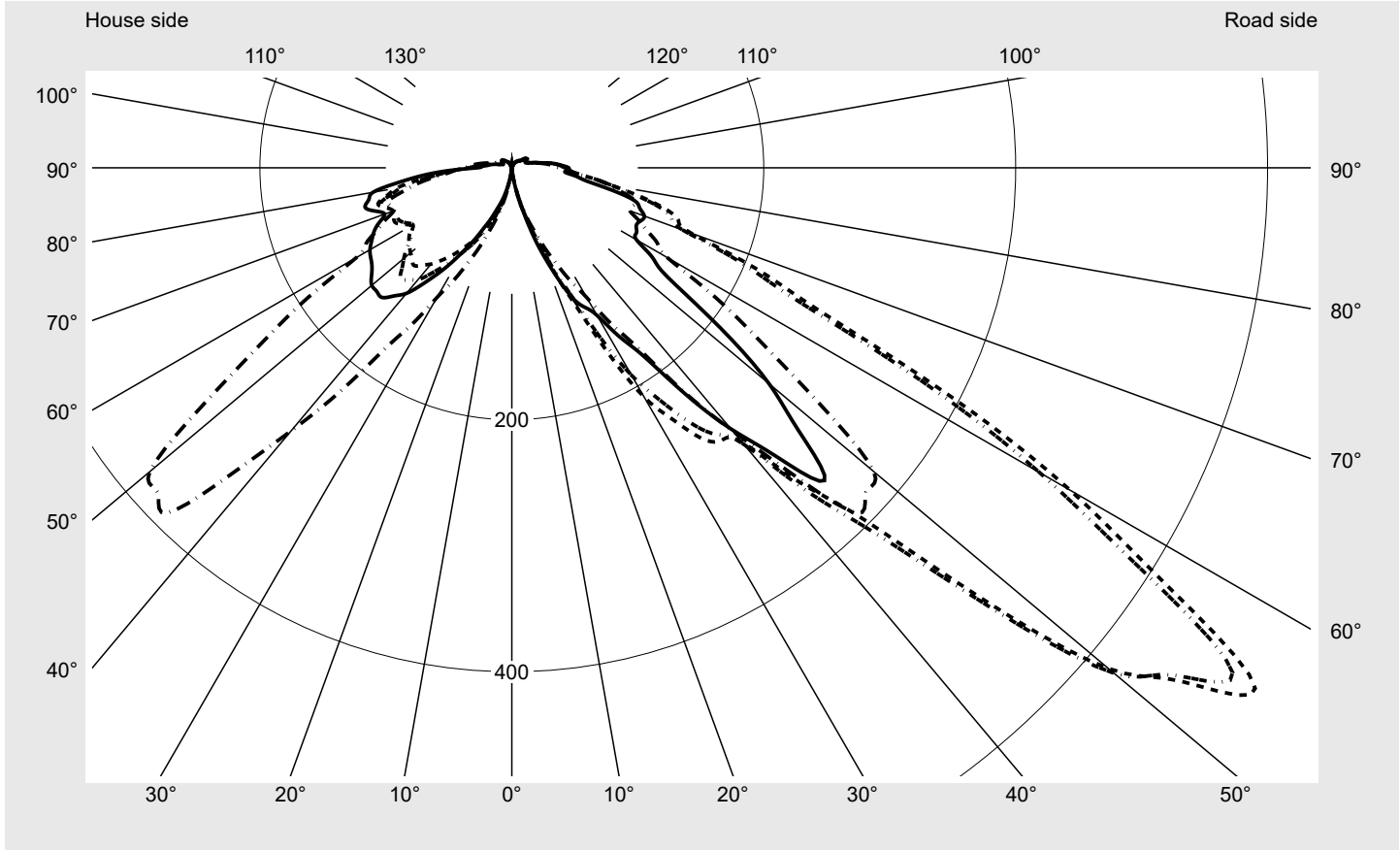


Photometric test report

Family CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
	Version asymmetric distribution, height 600mm Optic secondary reflector, white Cover cover transparent, PC Lamps LED 3000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 1500 lm Power consumption = 14.0 W Luminous efficacy = 107.1 lm/W	serial documentation 10.12.2021



Luminous intensity in cd/klm C180-0 C235-55 C240-60 C270-90 **Imax: 720 cd/klm**



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	92.2%
Eta 90° - 180°	7.8%

Luminous intensity class acc. to EN13201-2

Class:	G1
Imax 70°	151.2
Imax 80°	111.9
Imax 90°	45.1
Imax >90°	40.2
Imax >95°	29.1

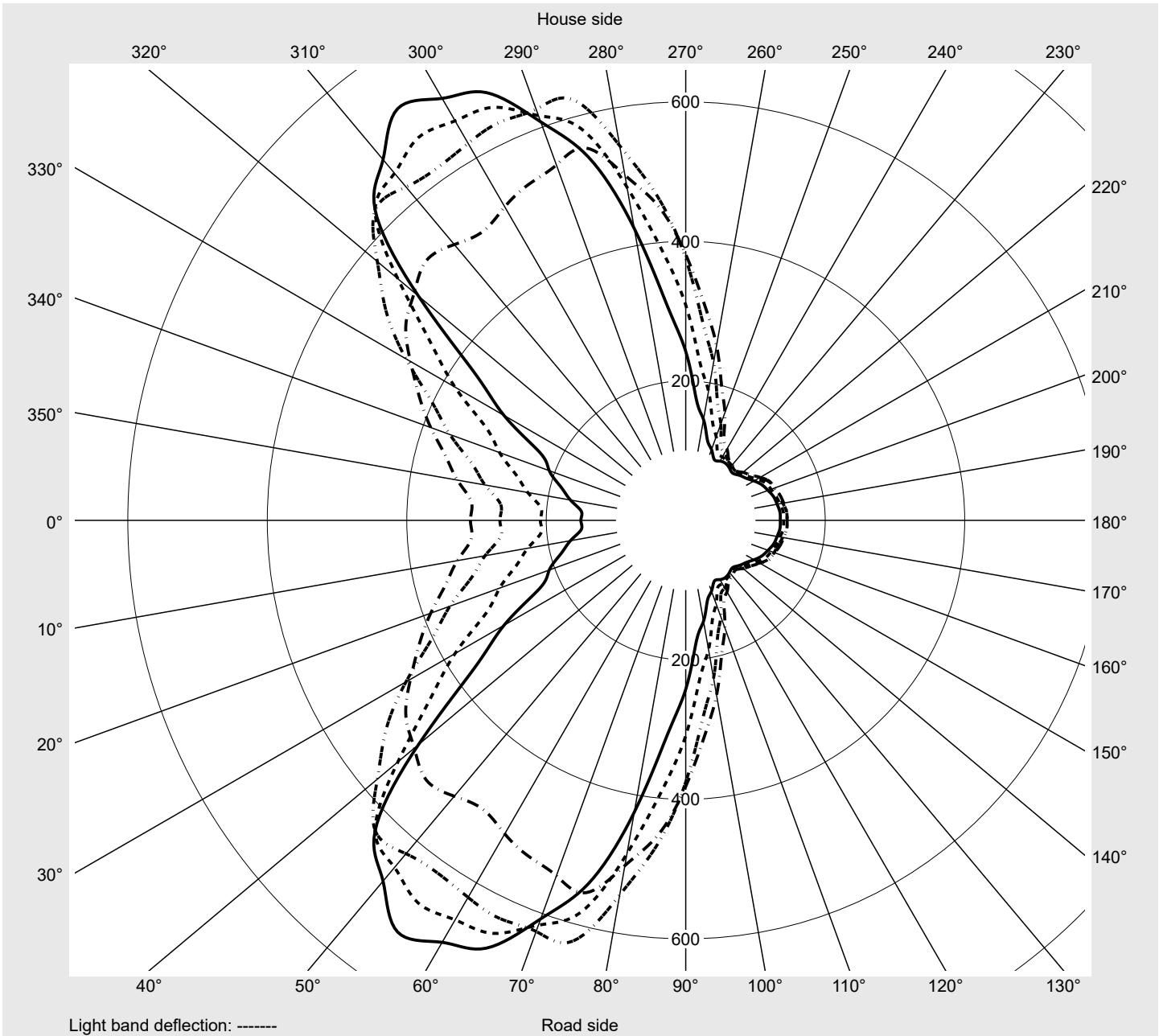
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
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Envelope curve in cd/klm **KMK 55°** **KMK 52,5°** **KMK 50°** **KMK 47,5°** **siteco**



Photometric test report

Family CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0°	5° 355°	10° 350°	15° 345°	20° 340°	25° 335°	30° 330°	35° 325°	40° 320°	45° 315°	50° 310°	55° 305°	60° 300°
γ	Luminous intensity in cd/klm												
0,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
5,0°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7
7,5°	8.2	8.2	8.0	7.8	8.0	8.1	8.0	7.8	7.9	8.1	7.8	7.6	7.5
10,0°	14.4	14.4	14.0	13.6	13.9	14.3	14.0	13.7	14.0	14.3	13.8	13.3	13.3
12,5°	26.2	26.2	26.0	25.9	26.0	26.0	25.2	24.4	25.0	25.5	25.3	25.1	24.4
15,0°	38.0	38.0	38.1	38.2	38.0	37.7	36.4	35.2	35.9	36.6	36.7	36.8	35.4
17,5°	56.4	56.4	57.0	57.5	56.7	55.9	54.3	52.8	53.2	53.7	52.2	50.8	49.7
20,0°	74.8	74.8	75.8	76.9	75.5	74.0	72.2	70.4	70.6	70.7	67.7	64.7	64.0
22,5°	94.4	94.4	96.0	97.7	100.6	103.4	104.6	105.8	103.8	101.8	97.5	93.2	88.2
25,0°	113.9	113.9	116.2	118.5	125.7	132.8	137.0	141.1	137.0	132.9	127.3	121.7	112.5
27,5°	124.6	124.6	125.6	126.7	134.2	141.7	150.2	158.8	164.3	169.8	167.9	166.0	151.4
30,0°	135.2	135.2	135.1	134.9	142.7	150.5	163.4	176.4	191.5	206.7	208.5	210.3	190.3
32,5°	158.9	158.9	158.4	157.9	163.7	169.6	180.6	191.7	206.0	220.4	228.3	236.1	218.6
35,0°	182.6	182.6	181.7	180.9	184.8	188.7	197.8	206.9	220.5	234.1	248.0	261.9	247.0
37,5°	226.5	226.5	226.1	225.6	232.4	239.2	241.0	242.9	247.1	251.4	262.2	273.0	266.7
40,0°	270.5	270.5	270.4	270.4	280.0	289.7	284.3	278.9	273.8	268.7	276.3	284.0	286.5
42,5°	310.7	310.7	321.7	332.6	349.2	365.8	366.3	366.9	356.4	345.9	342.4	339.0	350.2
45,0°	351.0	351.0	372.9	394.9	418.4	442.0	448.4	454.8	438.9	423.0	408.5	394.0	413.9
47,5°	308.7	308.7	332.6	356.5	389.1	421.8	455.8	489.9	508.1	526.3	516.2	506.2	519.0
50,0°	266.5	266.5	292.3	318.1	359.9	401.6	463.3	524.9	577.2	629.6	624.0	618.3	624.2
52,5°	208.4	208.4	230.1	251.7	284.1	316.4	382.1	447.8	538.8	629.8	649.6	669.4	661.4
55,0°	150.4	150.4	167.9	185.4	208.3	231.2	300.9	370.6	500.3	630.0	675.2	720.4	698.6
57,5°	132.3	132.3	143.8	155.2	171.4	187.6	240.3	292.9	405.7	518.5	567.3	616.2	591.2
60,0°	114.2	114.2	119.7	125.1	134.5	144.0	179.6	215.2	311.0	406.9	459.5	512.0	483.8
62,5°	111.6	111.6	117.9	124.3	128.6	132.9	156.9	180.9	249.7	318.5	355.2	392.0	368.0
65,0°	109.0	109.0	116.2	123.5	122.6	121.7	134.2	146.6	188.3	230.0	251.0	272.0	252.2
67,5°	110.5	110.5	113.4	116.3	116.5	116.8	126.0	135.2	161.5	187.8	199.7	211.6	198.2
70,0°	112.0	112.0	110.5	109.1	110.5	111.9	117.8	123.7	134.6	145.5	148.3	151.2	144.3
72,5°	106.5	106.5	106.8	107.1	108.2	109.4	113.8	118.3	126.6	134.8	136.8	138.7	133.1
75,0°	100.9	101.0	103.0	105.1	106.0	106.9	109.9	112.9	118.5	124.1	125.2	126.2	121.8
77,5°	80.6	80.6	82.6	84.6	85.4	86.2	89.5	92.8	97.8	102.8	103.2	103.5	101.2
80,0°	60.3	60.3	62.2	64.2	64.9	65.6	69.2	72.8	77.2	81.5	81.2	80.9	80.6
82,5°	51.5	51.6	52.4	53.3	54.3	55.3	57.4	59.6	62.0	64.4	64.9	65.4	65.5
85,0°	42.8	42.8	42.6	42.4	43.7	45.0	45.7	46.4	46.8	47.3	48.6	49.9	50.4
87,5°	44.0	44.0	43.0	42.1	43.3	44.5	45.1	45.7	45.4	45.1	45.9	46.7	46.4
90,0°	45.1	45.1	43.5	41.9	43.0	44.1	44.6	45.1	44.0	42.9	43.2	43.5	42.3
92,5°	40.2	40.2	39.0	37.8	38.8	39.9	39.9	40.0	39.5	39.0	39.2	39.4	38.4
95,0°	35.4	35.3	34.5	33.7	34.7	35.7	35.3	34.8	34.9	35.1	35.2	35.3	34.5
97,5°	29.1	29.1	28.4	27.8	28.2	28.6	28.4	28.2	28.7	29.1	29.0	28.9	28.6
100,0°	22.9	22.8	22.4	21.9	21.8	21.6	21.6	21.6	22.4	23.1	22.8	22.6	22.7
102,5°	19.3	19.3	18.8	18.4	18.3	18.2	18.2	18.2	18.6	19.0	18.7	18.5	18.4
105,0°	15.7	15.7	15.3	14.9	14.9	14.8	14.8	14.7	14.7	14.8	14.6	14.4	14.2
107,5°	14.2	14.2	14.0	13.7	13.6	13.5	13.5	13.5	13.5	13.5	13.3	13.0	12.9
110,0°	12.7	12.7	12.6	12.5	12.4	12.2	12.2	12.2	12.2	12.2	11.9	11.6	11.6
112,5°	12.3	12.3	12.4	12.5	12.4	12.3	12.4	12.5	12.3	12.2	11.9	11.7	11.7

Photometric test report

Family CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
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siteco

Table of values for luminous intensities	Maximum luminous intensity
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C-planes	65° 295°	70° 290°	75° 285°	80° 280°	85° 275°	90° 270°	95° 265°	100° 260°	105° 255°	110° 250°	115° 245°	120° 240°	125° 235°
γ	Luminous intensity in cd/klm												
0,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7
5,0°	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.3
7,5°	7.5	7.3	7.1	7.1	7.0	7.2	7.5	6.9	6.2	6.4	6.5	6.2	5.9
10,0°	13.3	12.9	12.6	12.5	12.5	12.9	13.4	12.2	11.1	11.3	11.6	11.1	10.6
12,5°	23.6	23.7	23.7	23.3	23.0	22.9	22.9	21.5	20.0	20.1	20.3	19.7	19.2
15,0°	34.0	34.4	34.9	34.2	33.5	32.9	32.4	30.7	28.9	29.0	29.0	28.4	27.8
17,5°	48.7	49.1	49.6	47.2	44.8	44.1	43.4	42.0	40.7	39.4	38.1	36.7	35.3
20,0°	63.3	63.8	64.3	60.2	56.1	55.2	54.4	53.4	52.4	49.8	47.2	45.1	42.9
22,5°	83.3	80.1	76.9	74.3	71.7	69.8	67.9	64.4	60.8	58.1	55.3	52.9	50.4
25,0°	103.3	96.4	89.5	88.4	87.2	84.3	81.5	75.3	69.2	66.3	63.5	60.7	57.9
27,5°	136.7	125.1	113.5	109.3	105.1	101.6	98.2	91.4	84.7	79.0	73.2	68.9	64.6
30,0°	170.2	153.8	137.4	130.2	123.0	118.9	114.9	107.5	100.2	91.6	83.0	77.1	71.3
32,5°	201.1	184.7	168.3	160.5	152.7	146.9	141.0	130.2	119.3	107.0	94.7	86.7	78.7
35,0°	232.0	215.6	199.1	190.8	182.4	174.8	167.2	152.9	138.5	122.4	106.4	96.3	86.1
37,5°	260.5	254.0	247.4	241.6	235.8	223.7	211.6	188.9	166.3	142.8	119.3	106.1	93.0
40,0°	289.0	292.3	295.7	292.4	289.1	272.5	255.9	225.0	194.0	163.1	132.2	116.0	99.8
42,5°	361.4	374.8	388.3	376.1	363.9	330.0	296.1	252.2	208.2	172.1	136.0	120.4	104.8
45,0°	433.7	457.3	481.0	459.8	438.6	387.5	336.3	279.4	222.4	181.1	139.8	124.7	109.7
47,5°	531.9	542.3	552.7	502.6	452.6	381.3	310.1	254.5	199.0	164.1	129.3	118.3	107.3
50,0°	630.0	627.2	624.4	545.5	466.6	375.2	283.8	229.6	175.5	147.2	118.9	111.9	105.0
52,5°	653.4	617.6	581.8	485.1	388.4	308.7	229.0	188.3	147.6	127.6	107.7	105.0	102.3
55,0°	676.7	608.0	539.3	424.8	310.3	242.2	174.1	146.9	119.6	108.0	96.5	98.1	99.7
57,5°	566.2	491.0	415.8	327.2	238.7	192.3	145.9	126.7	107.5	100.1	92.8	94.3	95.9
60,0°	455.6	373.9	292.2	229.7	167.1	142.4	117.8	106.5	95.3	92.2	89.1	90.6	92.1
62,5°	344.0	285.3	226.7	186.6	146.6	130.5	114.5	106.6	98.8	95.4	92.0	94.6	97.2
65,0°	232.4	196.8	161.2	143.6	126.0	118.6	111.2	106.7	102.3	98.6	94.9	98.6	102.3
67,5°	184.9	161.6	138.3	126.3	114.3	109.1	103.9	102.1	100.3	98.5	96.7	98.9	101.2
70,0°	137.5	126.4	115.3	109.0	102.7	99.7	96.7	97.6	98.4	98.5	98.5	99.3	100.1
72,5°	127.5	119.4	111.3	106.3	101.3	100.5	99.6	99.8	100.0	101.0	102.0	103.5	105.0
75,0°	117.4	112.3	107.2	103.6	99.9	101.3	102.6	102.0	101.5	103.5	105.5	107.7	109.9
77,5°	98.9	96.1	93.3	91.4	89.5	89.9	90.2	90.6	91.0	92.9	94.9	98.1	101.3
80,0°	80.3	79.8	79.3	79.2	79.2	78.4	77.7	79.1	80.5	82.4	84.2	88.5	92.7
82,5°	65.6	65.2	64.8	65.2	65.7	65.3	65.0	66.1	67.3	68.8	70.2	72.9	75.6
85,0°	50.9	50.5	50.2	51.2	52.1	52.2	52.3	53.2	54.1	55.2	56.3	57.4	58.6
87,5°	46.0	45.1	44.2	44.7	45.1	44.9	44.6	44.8	45.0	45.2	45.4	45.7	46.1
90,0°	41.2	39.7	38.3	38.2	38.1	37.5	37.0	36.5	36.0	35.2	34.5	34.0	33.6
92,5°	37.4	36.0	34.6	34.3	33.9	33.7	33.5	33.1	32.6	31.5	30.4	29.7	29.0
95,0°	33.7	32.3	31.0	30.3	29.6	29.8	30.0	29.7	29.3	27.7	26.2	25.3	24.4
97,5°	28.2	27.2	26.3	26.0	25.8	25.6	25.5	25.0	24.5	23.4	22.2	21.4	20.5
100,0°	22.8	22.2	21.6	21.8	22.0	21.5	21.0	20.4	19.7	19.0	18.3	17.4	16.6
102,5°	18.4	18.1	17.8	17.8	17.9	17.8	17.6	17.2	16.7	15.9	15.1	14.3	13.6
105,0°	13.9	13.9	14.0	13.9	13.8	14.0	14.3	14.0	13.7	12.8	11.9	11.3	10.6
107,5°	12.8	12.9	13.0	13.0	13.1	13.2	13.4	12.9	12.4	11.5	10.6	10.1	9.5
110,0°	11.7	11.9	12.1	12.2	12.3	12.4	12.5	11.7	11.0	10.2	9.3	8.9	8.4
112,5°	11.8	12.1	12.4	12.3	12.2	12.1	12.0	11.3	10.6	9.8	9.1	8.6	8.2

Photometric test report

Family CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	130° 230°	135° 225°	140° 220°	145° 215°	150° 210°	155° 205°	160° 200°	165° 195°	170° 190°	175° 185°	180°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0
2,5°	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.0	0.0
5,0°	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0
7,5°	5.8	5.7	5.6	5.4	5.2	5.0	4.8	4.7	4.6	4.5	4.5	0.2	0.3
10,0°	10.3	10.1	9.8	9.6	9.2	8.9	8.6	8.3	8.2	8.0	8.0	0.6	0.9
12,5°	18.7	18.2	17.6	17.0	16.5	16.0	15.8	15.6	15.5	15.4	15.4	1.3	2.1
15,0°	27.1	26.4	25.4	24.3	23.7	23.2	23.0	22.9	22.8	22.7	22.7	2.2	4.3
17,5°	34.7	34.1	32.5	31.0	30.4	29.8	30.2	30.6	29.9	29.2	29.2	3.6	7.9
20,0°	42.3	41.8	39.7	37.7	37.1	36.4	37.3	38.2	36.9	35.7	35.7	5.2	13.2
22,5°	48.6	46.8	45.6	44.4	44.0	43.6	44.3	45.1	44.7	44.4	44.4	7.5	20.7
25,0°	54.8	51.8	51.5	51.1	51.0	50.8	51.4	52.0	52.5	53.1	53.1	10.1	30.8
27,5°	61.4	58.1	58.2	58.3	59.1	59.8	60.9	62.0	63.3	64.5	64.5	13.1	43.9
30,0°	67.9	64.5	65.0	65.5	67.2	68.8	70.5	72.1	74.0	75.9	75.9	16.5	60.3
32,5°	75.1	71.5	72.7	74.0	76.9	79.8	82.6	85.4	87.4	89.3	89.3	20.4	80.7
35,0°	82.4	78.6	80.5	82.4	86.6	90.8	94.7	98.7	100.7	102.8	102.8	24.6	105.4
37,5°	89.1	85.3	88.7	92.0	97.3	102.6	107.2	111.8	114.1	116.4	116.4	30.6	136.0
40,0°	95.9	92.0	96.8	101.7	108.0	114.3	119.6	124.9	127.5	130.1	130.1	37.0	173.0
42,5°	100.7	96.6	101.8	107.0	114.7	122.3	128.0	133.7	135.8	137.8	137.8	46.5	219.4
45,0°	105.4	101.1	106.8	112.4	121.4	130.4	136.4	142.5	144.0	145.6	145.6	56.6	276.0
47,5°	104.1	100.8	107.0	113.2	122.3	131.4	135.7	139.9	142.7	145.4	145.4	62.0	338.0
50,0°	102.7	100.5	107.3	114.1	123.2	132.4	134.9	137.4	141.3	145.1	145.1	67.6	405.6
52,5°	100.2	98.0	103.9	109.8	118.1	126.5	130.2	134.0	137.2	140.4	140.4	64.5	470.2
55,0°	97.6	95.5	100.5	105.5	113.0	120.6	125.5	130.5	133.1	135.6	135.6	61.0	531.2
57,5°	94.1	92.3	97.8	103.3	108.4	113.4	118.9	124.4	128.6	132.8	132.8	53.1	584.3
60,0°	90.6	89.2	95.2	101.2	103.8	106.3	112.3	118.3	124.2	130.0	130.0	44.5	628.7
62,5°	95.4	93.7	97.1	100.4	103.2	106.0	110.4	114.7	120.1	125.4	125.5	39.4	668.2
65,0°	100.2	98.2	98.9	99.6	102.6	105.7	108.4	111.2	116.0	120.9	120.9	34.1	702.2
67,5°	100.1	99.0	100.0	100.9	102.9	104.9	106.3	107.6	110.9	114.1	114.2	31.6	733.8
70,0°	100.0	99.9	101.0	102.2	103.2	104.2	104.1	104.1	105.8	107.5	107.4	28.9	762.7
72,5°	104.9	104.8	105.6	106.5	108.5	110.4	110.3	110.2	112.1	114.0	114.0	29.2	791.9
75,0°	109.8	109.7	110.2	110.8	113.7	116.7	116.5	116.2	118.4	120.6	120.6	29.3	821.2
77,5°	102.6	103.8	105.9	107.9	110.1	112.3	112.8	113.4	114.8	116.3	116.3	26.2	847.4
80,0°	95.3	97.9	101.5	105.1	106.5	108.0	109.2	110.5	111.2	111.9	111.9	23.0	870.4
82,5°	77.0	78.4	80.5	82.6	84.8	86.9	88.5	90.0	91.0	91.9	91.9	18.9	889.4
85,0°	58.8	59.0	59.6	60.2	63.0	65.9	67.7	69.6	70.7	71.9	71.9	14.8	904.1
87,5°	45.9	45.6	45.1	44.5	45.8	47.1	48.0	48.9	49.4	49.8	49.8	12.5	916.6
90,0°	32.9	32.3	30.6	28.9	28.6	28.4	28.3	28.3	28.0	27.6	27.6	10.2	926.8
92,5°	28.5	28.1	26.6	25.2	24.9	24.6	24.6	24.5	24.2	23.9	23.9	9.0	935.8
95,0°	24.1	23.8	22.7	21.6	21.2	20.9	20.8	20.7	20.4	20.2	20.2	7.9	943.7
97,5°	20.0	19.4	18.8	18.2	18.0	17.9	18.0	18.0	17.9	17.9	17.9	6.6	950.3
100,0°	15.7	14.9	14.8	14.8	14.8	14.9	15.1	15.4	15.5	15.5	15.5	5.3	955.6
102,5°	13.0	12.4	12.3	12.2	12.3	12.4	12.5	12.7	12.8	12.9	12.9	4.3	959.9
105,0°	10.2	9.8	9.7	9.6	9.7	9.9	9.9	10.0	10.1	10.2	10.2	3.4	963.3
107,5°	9.2	8.9	8.8	8.7	8.8	8.8	8.8	8.8	8.8	8.9	8.9	3.1	966.4
110,0°	8.1	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.5	2.7	969.1
112,5°	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4	2.6	971.7

Photometric test report

Family CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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C-planes	0°	5° 355°	10° 350°	15° 345°	20° 340°	25° 335°	30° 330°	35° 325°	40° 320°	45° 315°	50° 310°	55° 305°	60° 300°
γ	Luminous intensity in cd/klm												
115,0°	11.8	11.8	12.1	12.5	12.5	12.5	12.6	12.8	12.5	12.2	12.0	11.8	11.8
117,5°	11.9	12.0	12.1	12.2	12.6	13.1	13.2	13.3	13.0	12.8	12.9	13.0	12.9
120,0°	12.1	12.1	12.0	11.9	12.8	13.7	13.7	13.7	13.6	13.5	13.8	14.1	14.0
122,5°	11.3	11.3	11.4	11.5	12.0	12.5	12.6	12.8	12.8	12.8	13.2	13.6	13.5
125,0°	10.4	10.4	10.8	11.2	11.3	11.4	11.6	11.8	11.9	12.1	12.6	13.1	12.9
127,5°	9.5	9.5	9.7	9.9	9.9	9.9	10.1	10.2	10.3	10.3	10.6	10.9	10.8
130,0°	8.6	8.6	8.6	8.6	8.5	8.4	8.5	8.6	8.6	8.5	8.6	8.6	8.7
132,5°	8.3	8.3	8.3	8.2	8.1	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.2
135,0°	8.1	8.1	8.0	7.8	7.7	7.6	7.6	7.6	7.7	7.7	7.6	7.5	7.6
137,5°	7.6	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.2	7.1	7.0	7.0
140,0°	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.8	6.7	6.6	6.6	6.5	6.4
142,5°	6.6	6.6	6.5	6.5	6.4	6.4	6.4	6.3	6.2	6.2	6.1	6.0	6.0
145,0°	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5
147,5°	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.1	5.0
150,0°	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.6	4.6
152,5°	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.2	4.2	4.2
155,0°	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
157,5°	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3
160,0°	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.8	2.8
162,5°	2.4	2.4	2.4	2.4	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
165,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
167,5°	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.5
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9
175,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
177,5°	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5
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 CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	65° 295°	70° 290°	75° 285°	80° 280°	85° 275°	90° 270°	95° 265°	100° 260°	105° 255°	110° 250°	115° 245°	120° 240°	125° 235°
γ	Luminous intensity in cd/klm												
115,0°	11.9	12.2	12.6	12.4	12.1	11.8	11.5	10.8	10.1	9.5	8.8	8.4	8.1
117,5°	12.9	12.9	12.9	12.7	12.5	12.3	12.0	11.2	10.3	9.7	9.1	8.9	8.6
120,0°	13.9	13.6	13.2	13.1	12.9	12.7	12.4	11.5	10.5	10.0	9.5	9.3	9.1
122,5°	13.3	13.1	12.8	12.9	13.0	12.5	11.9	11.1	10.4	10.1	9.8	9.6	9.4
125,0°	12.7	12.6	12.4	12.8	13.2	12.3	11.3	10.8	10.3	10.2	10.1	9.9	9.7
127,5°	10.8	10.7	10.7	11.0	11.3	10.7	10.2	9.9	9.6	9.5	9.4	9.3	9.3
130,0°	8.8	8.9	9.0	9.2	9.4	9.2	9.0	8.9	8.9	8.8	8.7	8.8	8.9
132,5°	8.3	8.3	8.3	8.4	8.6	8.5	8.4	8.4	8.4	8.4	8.4	8.5	8.6
135,0°	7.7	7.6	7.5	7.6	7.8	7.8	7.8	7.9	8.0	8.1	8.2	8.3	8.4
137,5°	7.1	7.0	6.9	7.1	7.2	7.2	7.3	7.4	7.5	7.5	7.6	7.6	7.6
140,0°	6.4	6.4	6.4	6.5	6.6	6.7	6.7	6.8	6.9	6.9	7.0	7.0	6.9
142,5°	5.9	5.9	5.9	5.9	6.0	6.1	6.2	6.3	6.5	6.5	6.6	6.6	6.6
145,0°	5.4	5.4	5.4	5.4	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.2	6.2
147,5°	5.0	5.0	5.0	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.7
150,0°	4.5	4.6	4.6	4.7	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.1	5.1
152,5°	4.1	4.2	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5
155,0°	3.7	3.7	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8
157,5°	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.3	3.3	3.3
160,0°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
162,5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4
165,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
167,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
175,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
177,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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 CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
Table of values for luminous intensities		Maximum luminous intensity
		sITeco

C-planes	130° 230°	135° 225°	140° 220°	145° 215°	150° 210°	155° 205°	160° 200°	165° 195°	170° 190°	175° 185°	180°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
115,0°	7.9	7.8	7.8	7.8	7.7	7.6	7.5	7.4	7.4	7.3	7.3	2.6	974.3
117,5°	8.5	8.4	8.4	8.3	8.2	8.0	8.1	8.2	8.0	7.9	7.9	2.6	976.9
120,0°	9.0	9.0	8.9	8.8	8.7	8.5	8.7	8.9	8.7	8.5	8.5	2.7	979.6
122,5°	9.3	9.2	9.3	9.3	9.2	9.1	9.2	9.3	9.3	9.3	9.3	2.6	982.2
125,0°	9.6	9.5	9.6	9.7	9.7	9.6	9.7	9.8	9.9	10.0	10.0	2.5	984.7
127,5°	9.1	9.0	9.2	9.3	9.3	9.3	9.4	9.5	9.6	9.7	9.6	2.2	986.8
130,0°	8.7	8.6	8.7	8.8	8.9	8.9	9.1	9.3	9.3	9.3	9.3	1.9	988.7
132,5°	8.5	8.4	8.5	8.6	8.6	8.7	8.8	8.9	8.9	8.9	8.9	1.7	990.4
135,0°	8.3	8.3	8.3	8.3	8.4	8.5	8.5	8.5	8.5	8.4	8.4	1.5	991.9
137,5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.5	1.4	993.3
140,0°	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.7	6.7	6.7	1.2	994.5
142,5°	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.0	6.0	6.0	1.0	995.5
145,0°	6.1	5.9	5.8	5.8	5.6	5.5	5.5	5.5	5.4	5.3	5.3	0.9	996.4
147,5°	5.5	5.4	5.3	5.2	5.1	5.0	5.0	5.0	4.9	4.9	4.9	0.8	997.2
150,0°	5.0	4.9	4.8	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4	0.7	997.9
152,5°	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.0	4.0	0.5	998.4
155,0°	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	0.4	998.9
157,5°	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	0.3	999.2
160,0°	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.3	999.5
162,5°	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.2	999.7
165,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.1	999.8
167,5°	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	0.1	999.9
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.9
172,5°	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1000.0
175,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	1000.0
177,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	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 CL bollard	Order number: 5CL434803 EAN: 4058352555347	LP number 59248_5
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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]
100	254	254	1500	14.0
95	241	252	1427	13.3
90	227	250	1347	12.5
85	215	248	1276	11.8
80	202	246	1197	11.1
75	189	243	1127	10.3
70	175	240	1051	9.6
65	162	238	976	8.8
60	149	234	900	8.0
55	136	231	824	7.4
50	123	227	748	6.7
45	111	224	676	6.1
40	98	219	598	5.5
35	86	214	524	4.8
30	74	209	450	4.2
25	61	202	374	3.5
20	49	194	303	2.9
15	37	183	226	2.3
11	27	172	163	1.8