

Photometric test report

Family
CL bollard

Order number: 5CL424803
EAN: 4058352555330

LP number
59248_4



Version asymmetric distribution, height 400mm
Optic secondary reflector, white
Cover cover transparent, PC
Lamps LED 3000 K | CRI ≥ 80
Controlgear ECG-DALI
Rated values Net luminous flux = 800 lm
 Power consumption = 7.2 W
 Luminous efficacy = 111.1 lm/W

serial
documentation
10.12.2021

siteco

Luminous intensity in cd/klm

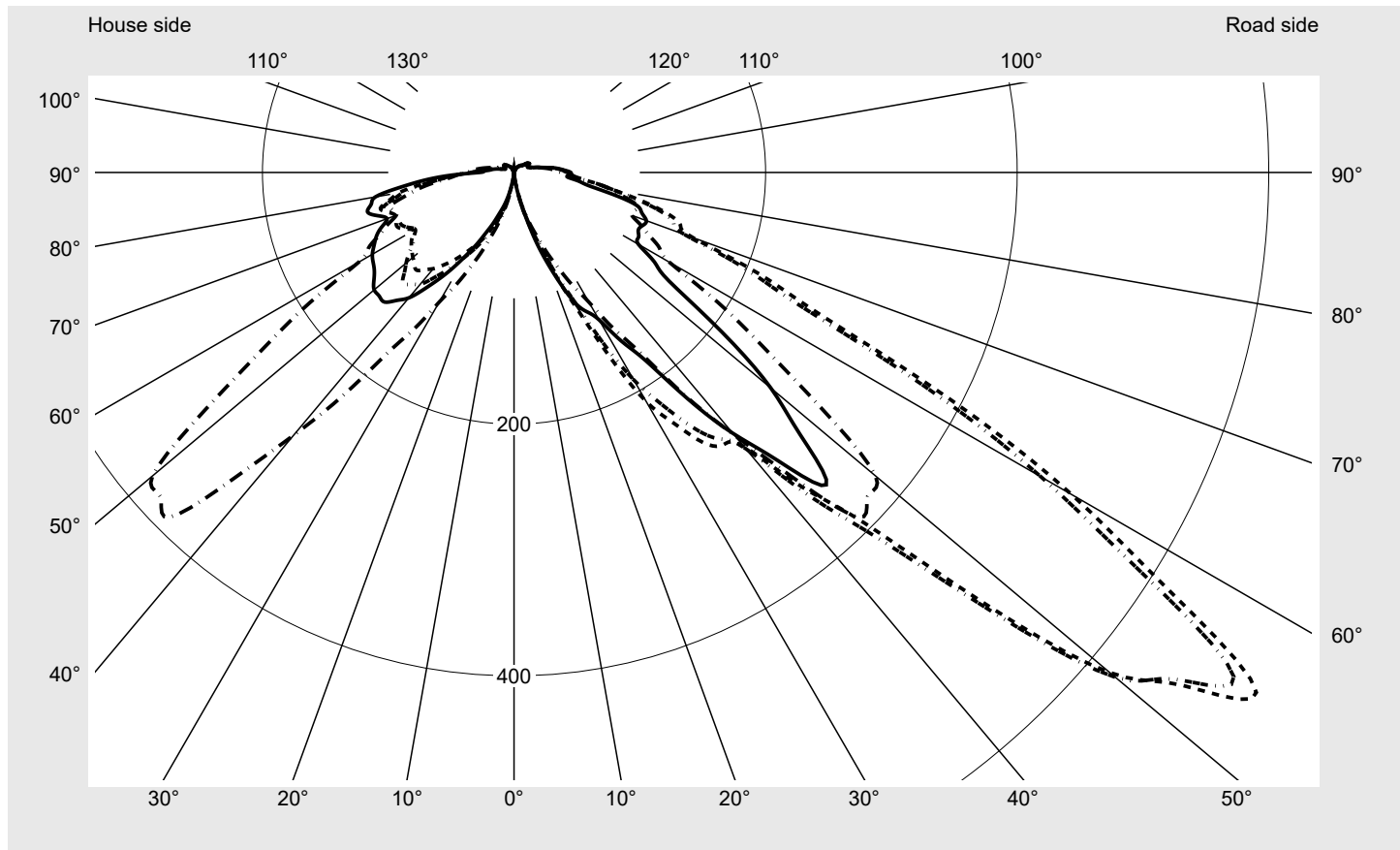
C180-0

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

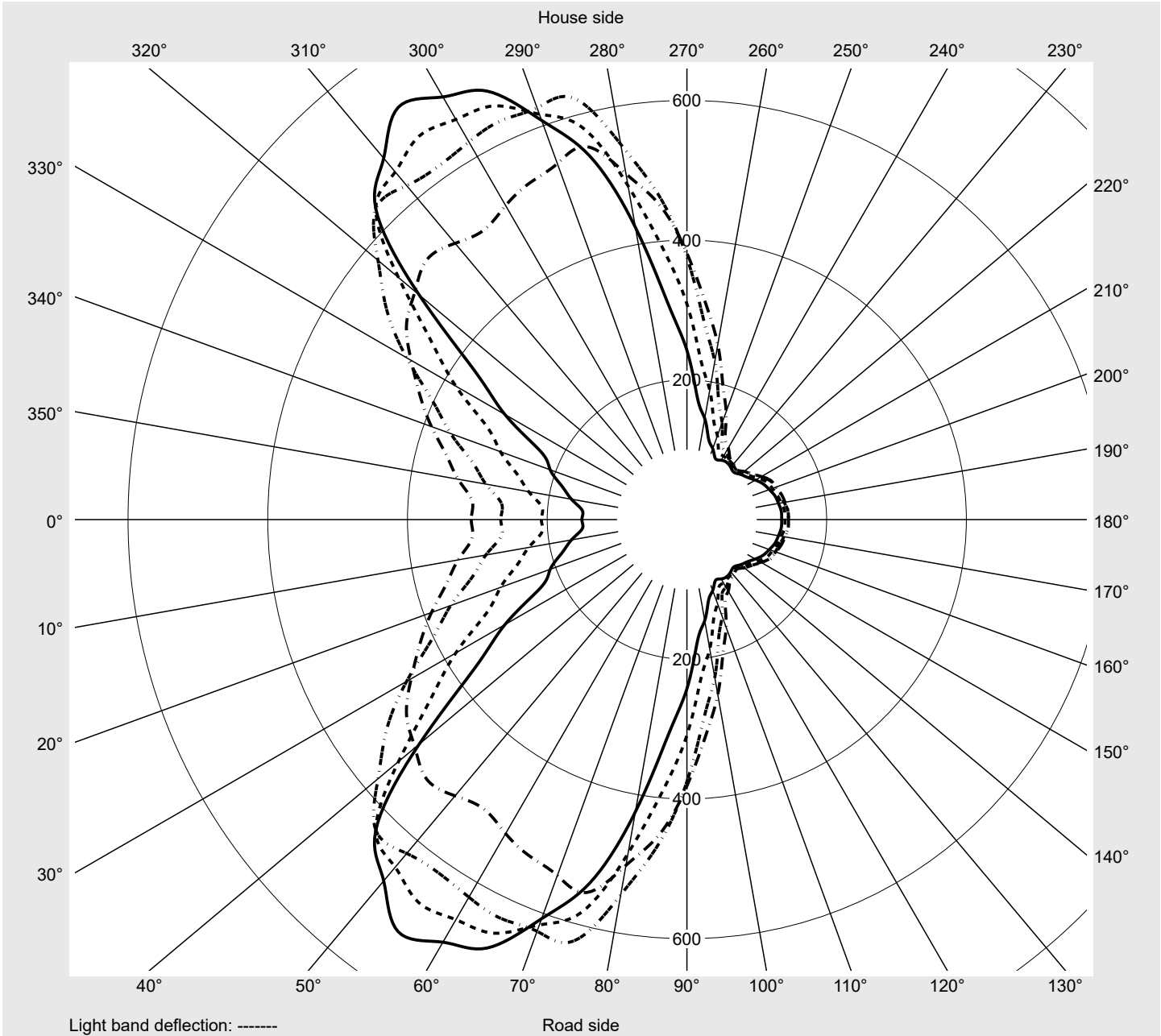
DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 55°** **KMK 52,5°** **KMK 50°** **KMK 47,5°**



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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

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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												
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

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		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: 5CL424803 EAN: 4058352555330	LP number 59248_4
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												
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: 5CL424803 EAN: 4058352555330	LP number 59248_4
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: 5CL424803 EAN: 4058352555330	LP number 59248_4
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: 5CL424803 EAN: 4058352555330	LP number 59248_4
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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	800	7.2
95	241	252	760	6.8
90	228	250	720	6.5
85	215	248	680	6.2
80	202	246	640	5.8
75	189	243	599	5.5
70	177	241	561	5.1
65	164	238	519	4.8
60	152	235	480	4.5
55	139	232	439	4.1
50	126	228	400	3.8
45	113	224	360	3.4
40	100	220	321	3.1
35	88	215	282	2.7
30	75	209	239	2.4
25	63	203	199	2.1
20	52	196	163	1.8