

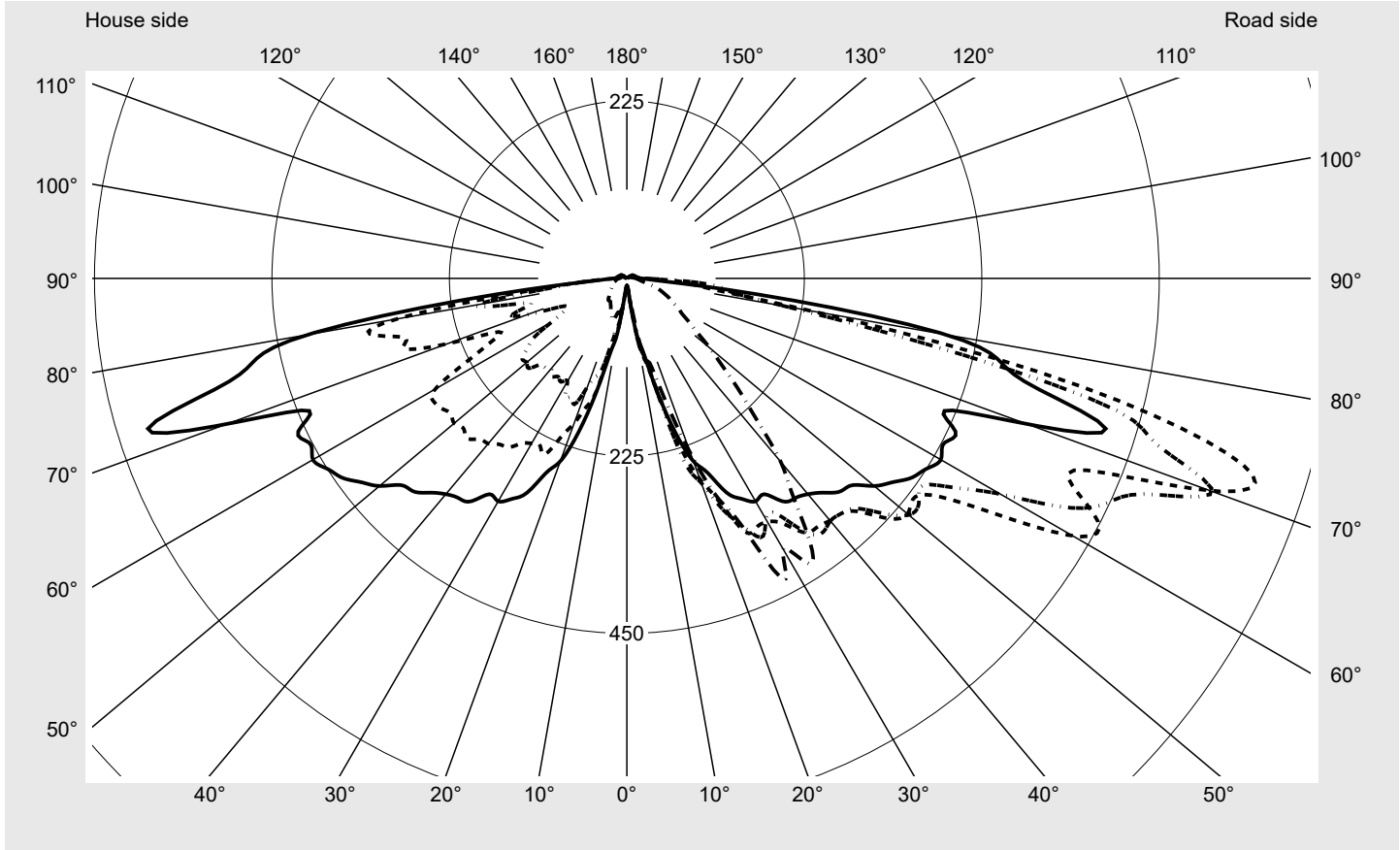


Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275LF14HP EAN: 4058352835319	LP number 58711_19
	Version post-top- or mounting to wall arm Optic asymmetric, extremely wide distribution (P1.0a) Cover cover transparent, PMMA Lamps LED 4000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 4680 lm Power consumption = 33.6 W Luminous efficacy = 139.3 lm/W	serial documentation 24.05.2022

Luminous intensity in cd/klm C180-0 C190-10 C195-15 C270-90 **Imax: 833 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	96.3%
Eta 90° - 180°	3.7%

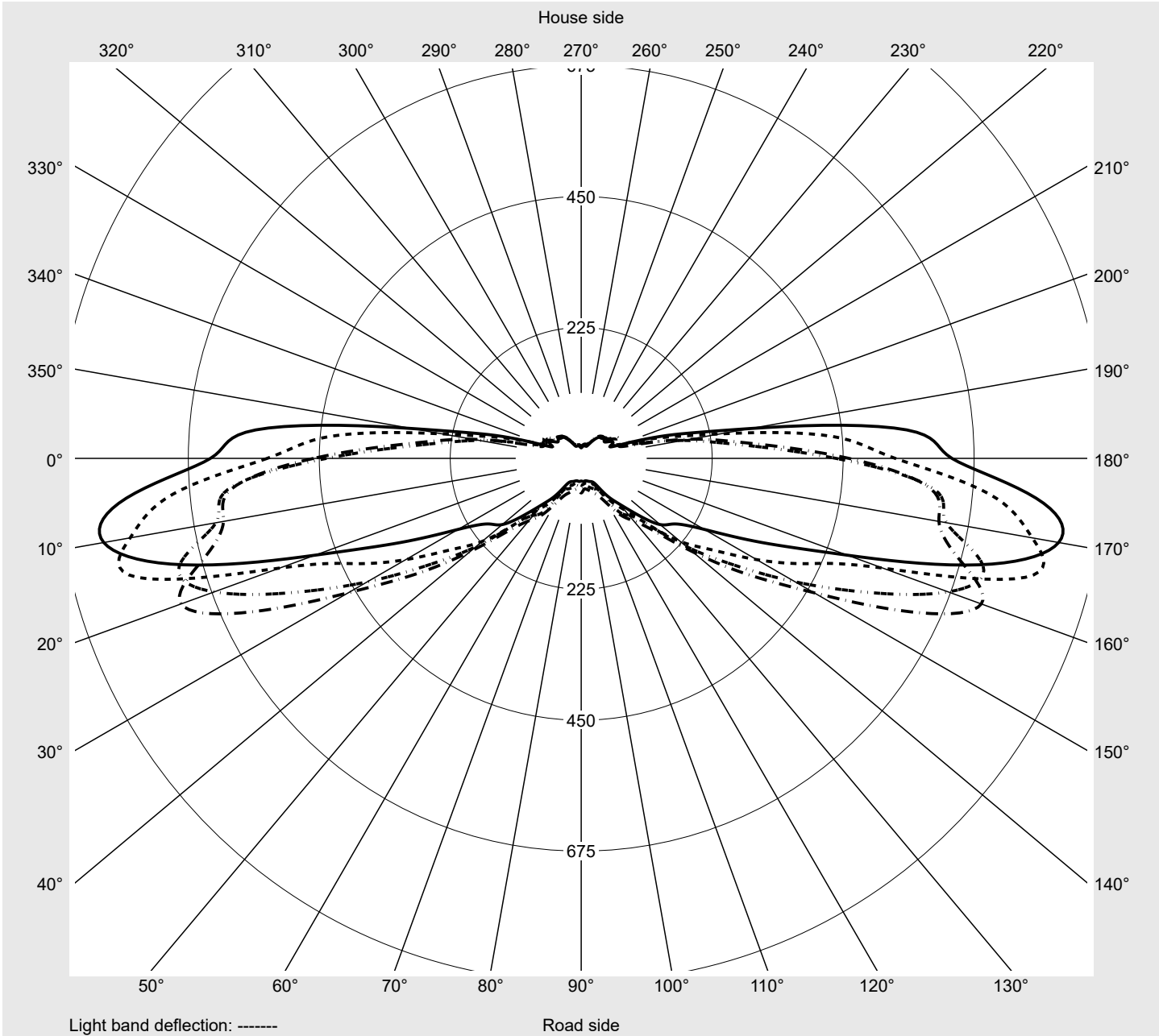
Luminous intensity class acc. to EN13201-2	
Class:	---
Imax 70°	790.0
Imax 80°	410.7
Imax 90°	15.7
Imax >90°	14.4
Imax >95°	13.1

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

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Envelope curve in cd/klm **KMK 72.5°** **KMK 70°** **KMK 67.5°** **KMK 65°** **siteco**



Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275LF14HP EAN: 4058352835319	LP number 58711_19
Table of values for luminous intensities		Maximum luminous intensity



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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
2,5°	9.3	9.3	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	10.0
5,0°	11.3	11.1	11.1	10.9	10.6	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.1
7,5°	27.0	25.7	24.1	23.3	23.0	22.4	20.6	19.1	18.8	18.4	17.7	16.8	17.3
10,0°	73.1	74.7	79.1	80.9	74.9	68.7	59.4	48.1	38.8	30.4	25.3	31.9	34.8
12,5°	95.7	101.9	105.9	101.0	99.5	108.6	114.1	99.7	84.4	63.1	49.8	61.8	70.9
15,0°	148.6	141.8	145.3	153.3	156.4	148.0	139.1	119.4	115.2	124.9	134.2	132.0	153.7
17,5°	205.4	227.3	221.3	244.1	232.4	208.7	204.5	214.2	172.6	169.5	138.0	147.1	188.3
20,0°	246.8	264.7	270.9	275.8	270.0	244.1	258.8	249.0	202.7	212.9	219.5	230.4	228.0
22,5°	266.3	275.4	306.4	316.6	319.2	288.4	256.3	276.5	268.3	279.4	262.3	257.2	270.3
25,0°	300.0	332.5	354.2	345.4	331.6	298.0	298.6	307.5	257.9	281.6	270.3	274.0	277.4
27,5°	315.0	320.1	356.0	370.0	363.5	349.8	336.3	314.8	273.2	280.7	278.7	287.5	294.0
30,0°	326.3	329.6	356.4	352.5	358.9	354.5	345.8	338.9	283.6	290.4	284.9	284.7	270.9
32,5°	324.3	347.4	368.4	354.2	360.0	352.5	352.9	326.3	276.0	287.3	286.7	279.4	266.9
35,0°	345.1	372.8	393.4	391.2	383.9	370.4	360.7	341.6	279.1	286.2	280.0	265.8	253.7
37,5°	350.9	373.5	397.0	406.7	398.1	382.6	381.7	349.6	289.5	276.0	271.6	254.5	243.9
40,0°	357.1	374.2	400.8	401.4	390.1	380.2	381.9	353.3	271.4	263.4	256.8	229.3	227.3
42,5°	368.4	383.3	403.6	403.6	396.5	376.8	373.5	338.1	258.8	245.7	239.3	209.3	210.2
45,0°	382.1	395.9	418.5	412.5	404.5	388.6	372.8	329.2	243.5	231.5	222.9	195.4	191.2
47,5°	387.9	423.1	450.6	441.1	420.0	398.3	378.6	313.2	233.3	208.7	196.3	193.2	177.7
50,0°	409.4	440.6	464.6	466.5	442.2	425.8	396.1	322.1	227.1	186.8	172.6	182.3	165.5
52,5°	424.5	454.6	458.1	466.8	459.2	442.6	401.4	314.4	227.5	174.6	157.1	168.6	146.7
55,0°	440.6	477.8	481.6	457.5	453.9	444.2	400.1	315.2	222.6	159.9	156.8	154.9	130.5
57,5°	449.7	508.6	557.2	494.0	478.3	454.1	398.8	322.6	230.6	157.1	153.5	140.2	114.8
60,0°	459.7	555.2	652.6	547.0	545.9	513.1	408.9	338.1	243.0	158.2	154.2	132.5	107.0
62,5°	453.0	580.0	674.8	628.9	665.5	594.4	446.2	341.2	260.7	173.0	147.3	126.9	104.6
65,0°	459.9	603.2	624.1	673.0	731.5	624.1	461.9	346.5	249.4	175.5	140.2	119.4	90.6
67,5°	437.5	609.0	637.1	714.9	671.0	545.4	424.5	318.8	235.7	159.1	127.8	110.8	67.3
70,0°	539.4	703.8	786.9	790.0	551.4	428.2	348.0	274.0	222.0	157.7	115.4	91.7	62.5
72,5°	636.9	784.4	833.0	706.9	486.5	342.0	244.1	196.5	177.0	137.1	103.0	79.5	54.3
75,0°	537.9	580.9	720.2	638.2	356.4	231.5	158.2	138.5	123.4	105.2	82.2	68.5	45.4
77,5°	484.3	455.2	504.4	404.3	237.7	158.2	127.8	114.3	77.3	60.3	47.6	42.8	37.2
80,0°	410.7	328.5	236.4	204.0	163.3	111.4	100.4	83.5	46.7	37.4	29.7	29.2	29.5
82,5°	208.9	151.5	116.1	134.5	107.9	84.0	71.8	52.5	24.6	19.3	19.3	19.9	21.3
85,0°	61.1	59.6	83.1	115.4	89.7	58.9	48.3	31.9	19.5	15.1	13.7	14.8	16.2
87,5°	27.9	37.2	56.9	69.8	45.2	33.7	25.3	20.4	14.8	12.8	12.6	13.1	13.7
90,0°	15.1	15.3	15.7	15.7	14.8	14.4	13.7	12.8	11.3	10.4	10.4	11.5	12.4
92,5°	14.0	14.0	14.4	14.4	14.0	13.5	13.1	12.2	10.9	9.7	10.0	11.1	11.7
95,0°	13.3	13.3	13.7	13.7	13.1	12.6	12.2	11.5	10.6	9.7	9.5	10.6	11.1
97,5°	12.4	12.6	12.8	13.1	12.6	12.0	11.7	11.1	10.2	9.5	9.5	10.0	10.6
100,0°	12.0	12.0	12.4	12.4	11.7	11.5	11.1	10.4	9.7	9.1	9.1	9.7	10.2
102,5°	11.5	11.5	11.7	11.7	11.3	10.9	10.6	10.0	9.5	9.1	8.9	9.3	10.0
105,0°	11.1	10.9	11.1	11.3	10.9	10.4	10.0	9.5	9.1	8.9	8.9	9.1	9.5
107,5°	10.2	10.4	10.6	10.6	10.2	10.0	9.5	9.3	8.9	8.6	8.4	8.6	9.1
110,0°	10.0	10.0	10.2	10.2	9.7	9.3	9.3	8.9	8.6	8.4	8.4	8.6	8.9
112,5°	9.5	9.7	9.7	9.7	9.5	9.3	9.1	8.6	8.4	8.4	8.4	8.2	8.6

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275LF14HP EAN: 4058352835319	LP number 58711_19
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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
2,5°	10.0	10.4	10.6	10.6	10.9	10.6	9.3	9.5	9.5	9.5	9.5	9.5	9.5
5,0°	11.3	11.7	11.7	12.0	12.2	12.0	11.7	12.0	12.6	12.8	12.8	13.1	13.5
7,5°	18.4	19.5	19.5	18.6	18.6	18.6	27.2	26.8	25.3	23.0	21.0	20.6	21.9
10,0°	35.9	42.5	47.2	48.7	49.6	50.1	69.8	66.5	59.1	47.0	41.0	33.9	31.5
12,5°	79.3	77.8	85.3	95.9	103.5	110.8	89.1	75.5	68.2	65.1	64.0	75.3	75.8
15,0°	141.1	132.3	117.9	115.6	108.6	110.3	154.0	145.5	115.6	106.8	107.7	103.9	91.9
17,5°	199.8	177.7	172.1	173.5	167.3	162.6	196.9	170.6	130.3	116.3	116.7	113.0	99.5
20,0°	223.3	207.8	228.2	236.6	236.6	236.2	220.9	195.6	146.2	123.0	130.9	133.1	117.9
22,5°	265.0	231.3	270.9	274.9	290.0	301.3	238.6	217.1	172.6	133.1	134.5	135.8	125.2
25,0°	282.5	240.6	313.2	338.5	344.5	347.8	270.5	246.1	166.1	128.5	137.8	132.3	119.8
27,5°	287.8	261.0	324.3	369.3	398.5	430.2	280.7	238.6	169.3	132.9	142.0	136.7	130.0
30,0°	286.0	270.7	339.2	368.9	388.3	395.7	288.2	241.5	150.6	123.2	149.3	144.9	125.2
32,5°	262.5	265.4	328.3	359.1	403.9	428.4	300.0	247.9	155.5	125.2	158.6	157.1	115.9
35,0°	267.4	250.6	311.5	342.9	373.9	402.3	314.6	261.4	152.0	123.2	173.0	151.1	102.8
37,5°	245.2	241.9	284.0	306.8	325.0	344.3	323.2	265.2	156.6	130.0	165.7	127.8	84.4
40,0°	229.3	218.0	254.3	266.9	281.6	303.5	334.5	273.4	149.1	133.6	157.7	101.0	82.0
42,5°	208.9	205.6	220.4	226.8	233.5	245.0	348.2	276.5	153.3	140.7	128.7	84.0	81.5
45,0°	181.2	176.6	191.4	188.5	190.5	202.0	366.4	286.7	154.0	128.0	93.0	80.0	79.8
47,5°	159.5	159.7	165.3	157.1	156.8	164.4	369.7	281.1	168.6	112.8	76.2	77.8	75.5
50,0°	141.1	133.1	140.2	128.7	128.7	137.4	383.3	285.8	165.7	91.3	77.1	77.3	72.4
52,5°	123.6	120.1	119.0	109.0	109.2	112.1	389.0	281.6	167.3	78.9	79.8	77.8	69.1
55,0°	107.2	99.2	102.6	91.3	90.4	96.1	398.8	287.3	153.3	76.7	83.5	78.9	65.4
57,5°	95.9	88.8	84.8	75.5	78.2	82.4	408.5	290.4	140.2	77.3	83.3	75.3	63.1
60,0°	84.4	74.0	74.7	67.6	68.2	75.8	414.9	280.7	108.8	74.2	79.5	74.4	61.8
62,5°	83.5	68.7	62.3	59.4	60.7	64.7	357.8	229.5	89.9	71.3	73.5	73.3	60.3
65,0°	71.6	63.4	57.8	54.1	53.6	59.4	294.2	189.2	84.0	70.2	70.7	71.8	58.9
67,5°	57.8	54.7	51.0	47.6	49.2	52.3	271.8	177.7	97.7	68.2	65.8	66.7	55.8
70,0°	49.0	49.4	45.2	43.2	44.5	46.1	433.1	242.1	134.2	69.8	65.6	62.5	53.4
72,5°	44.5	42.3	40.3	39.2	39.9	39.0	561.4	295.5	151.8	62.0	59.1	58.0	49.2
75,0°	38.5	39.0	36.6	34.6	32.3	30.6	540.8	290.9	125.4	52.7	54.7	51.8	45.9
77,5°	36.8	37.0	33.2	27.2	24.1	23.0	432.4	330.5	154.9	57.4	50.3	46.7	42.5
80,0°	31.5	29.7	28.8	21.7	19.5	18.6	228.8	296.6	191.8	56.3	42.3	39.0	35.9
82,5°	22.2	22.6	21.5	19.1	17.3	16.4	169.7	140.2	107.4	44.3	35.7	34.1	30.8
85,0°	17.1	17.1	16.6	15.1	14.4	14.2	89.9	65.6	60.9	41.2	30.6	30.1	26.6
87,5°	14.2	14.2	14.2	13.5	13.1	12.8	31.2	28.6	25.9	27.9	26.6	27.7	22.8
90,0°	12.4	12.4	12.8	12.4	12.2	12.0	15.3	15.3	15.1	14.8	14.0	13.5	12.6
92,5°	12.0	12.0	12.4	12.0	11.7	11.5	14.0	14.2	14.2	14.0	13.5	13.1	12.0
95,0°	11.3	11.5	12.0	11.5	11.3	11.1	13.3	13.5	13.5	13.1	12.6	12.2	11.5
97,5°	10.9	11.1	11.3	11.1	11.1	10.6	12.4	12.8	12.6	12.4	12.0	11.7	10.9
100,0°	10.4	10.6	10.9	11.1	10.6	10.6	12.0	12.0	12.0	11.5	11.3	10.9	10.2
102,5°	10.0	10.4	10.6	10.6	10.4	10.2	11.5	11.5	11.3	10.9	10.4	10.2	9.5
105,0°	9.7	10.0	10.4	10.2	10.2	9.7	10.9	10.9	10.6	10.4	10.0	9.5	9.1
107,5°	9.5	10.0	10.0	10.2	9.7	9.3	10.2	10.2	10.2	10.0	9.5	9.1	8.4
110,0°	9.1	9.5	9.7	9.7	9.5	8.4	9.7	9.7	9.5	9.3	9.1	8.6	8.2
112,5°	9.1	9.1	9.5	9.7	8.9	6.2	9.3	9.3	9.1	8.9	8.6	8.2	7.8

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275LF14HP EAN: 4058352835319	LP number 58711_19
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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	0.0	0.0
2,5°	9.7	9.7	10.0	10.0	10.0	10.4	10.4	10.6	10.6	10.9	10.6	0.1	0.1
5,0°	14.0	14.4	15.1	15.3	15.3	15.3	15.7	15.7	16.0	16.2	16.0	0.3	0.4
7,5°	23.0	25.0	27.9	31.9	33.2	33.9	34.6	35.7	36.3	34.1	34.1	0.9	1.3
10,0°	31.0	34.6	38.5	43.9	46.3	48.3	43.0	43.4	42.8	41.2	40.8	2.3	3.6
12,5°	66.9	67.6	66.7	62.7	55.4	53.6	48.5	50.1	48.1	46.1	45.6	4.5	8.2
15,0°	83.7	91.5	78.2	77.3	71.6	63.8	54.9	52.5	50.1	45.6	45.2	7.9	16.0
17,5°	88.8	85.5	79.5	74.0	66.2	58.9	55.2	52.5	52.1	53.4	55.4	11.9	27.9
20,0°	105.4	103.9	89.9	84.2	83.7	64.2	54.1	49.6	50.3	53.6	54.5	16.3	44.2
22,5°	110.5	101.0	80.4	76.0	72.0	57.6	51.4	50.1	50.1	51.2	50.5	20.4	64.6
25,0°	109.0	95.7	73.8	68.2	61.4	50.5	47.0	46.7	47.9	49.4	47.9	24.1	88.8
27,5°	107.7	82.0	60.0	55.6	53.4	48.7	45.0	45.9	45.2	46.1	44.3	27.6	116.3
30,0°	95.3	64.2	52.3	53.8	52.9	47.0	43.2	45.0	42.8	42.5	40.8	29.7	146.1
32,5°	74.0	53.2	52.1	55.4	54.9	47.6	41.9	43.2	39.4	40.1	38.5	31.9	178.0
35,0°	73.1	63.1	59.4	60.5	57.4	47.0	39.9	41.6	37.7	38.1	36.3	34.4	212.4
37,5°	72.9	63.1	60.5	61.8	57.6	47.9	40.5	41.9	39.9	37.2	35.9	35.9	248.3
40,0°	72.0	59.6	57.6	60.3	56.3	45.9	38.8	41.4	40.1	37.7	36.3	36.5	284.8
42,5°	71.1	57.6	57.2	60.0	56.0	45.9	38.8	39.9	38.5	35.9	34.6	36.8	321.6
45,0°	69.8	57.2	56.7	59.1	54.1	43.4	37.2	38.5	36.3	33.5	31.9	37.2	358.8
47,5°	67.6	56.0	56.0	57.8	51.8	41.4	35.7	35.9	34.3	31.5	30.1	37.9	396.6
50,0°	65.6	53.8	53.6	55.2	49.0	38.5	33.9	33.9	31.9	29.7	27.9	38.8	435.5
52,5°	62.0	52.7	52.5	52.9	46.3	36.8	32.6	32.1	29.7	27.9	26.1	39.4	474.8
55,0°	60.5	50.7	50.7	50.3	43.6	34.3	30.8	30.4	28.8	26.4	24.8	39.9	514.7
57,5°	57.6	49.4	49.8	48.7	41.2	32.8	29.5	28.8	27.2	24.8	23.5	41.5	556.2
60,0°	55.8	49.8	49.6	46.5	38.8	31.2	28.1	27.5	26.4	23.7	22.6	44.2	600.4
62,5°	54.7	51.4	49.4	45.0	36.3	29.5	27.0	25.9	25.3	23.0	21.7	46.6	647.0
65,0°	54.5	51.8	49.2	43.0	34.1	27.9	25.9	25.5	24.4	22.4	20.8	47.2	694.2
67,5°	55.2	51.4	48.3	41.0	32.6	26.6	24.8	24.1	23.5	21.5	19.9	45.8	740.0
70,0°	55.4	53.2	49.8	42.5	31.9	25.0	23.7	23.5	22.8	20.8	19.5	48.3	788.3
72,5°	51.2	49.0	47.2	39.7	30.4	23.5	22.4	22.2	21.7	19.7	18.2	47.8	836.1
75,0°	45.2	42.1	39.0	31.7	25.7	21.7	20.8	21.0	19.9	17.9	16.8	40.0	876.1
77,5°	39.9	36.3	33.7	28.1	23.5	20.2	19.5	19.5	18.4	16.6	15.1	32.0	908.0
80,0°	29.7	27.5	26.4	25.0	21.9	18.8	18.2	17.9	16.8	15.1	14.2	23.0	931.0
82,5°	23.5	22.8	22.6	22.6	20.6	17.7	17.3	16.6	15.7	14.2	13.3	14.4	945.4
85,0°	19.5	18.8	19.5	20.8	18.8	16.4	15.7	15.5	14.6	13.5	12.4	9.4	954.8
87,5°	17.5	15.7	15.7	16.8	16.4	15.1	14.4	14.4	13.7	12.8	11.5	6.1	960.9
90,0°	10.4	9.3	9.7	11.3	11.7	11.7	11.7	11.7	11.3	10.4	9.3	3.5	964.4
92,5°	10.0	8.9	9.5	10.9	11.3	11.3	11.3	11.3	11.1	10.4	9.3	3.3	967.7
95,0°	9.5	8.6	9.1	10.4	10.9	10.9	10.9	10.9	10.9	10.0	8.9	3.1	970.9
97,5°	9.1	8.4	8.6	9.5	10.2	10.2	10.2	10.2	10.0	9.5	8.4	3.0	973.8
100,0°	8.9	8.2	8.2	9.1	9.3	9.3	9.3	9.7	9.3	8.6	8.0	2.8	976.6
102,5°	8.4	7.8	7.8	8.4	8.9	8.9	8.9	8.9	8.6	8.2	7.5	2.7	979.3
105,0°	8.2	7.8	7.5	8.0	8.0	8.2	8.4	8.4	8.2	7.8	6.6	2.5	981.8
107,5°	7.8	7.3	7.1	7.5	7.5	7.5	7.8	8.0	7.5	7.3	6.2	2.4	984.2
110,0°	7.5	7.3	6.9	7.1	7.1	7.1	7.1	7.5	7.3	6.6	5.3	2.2	986.4
112,5°	7.3	6.9	6.6	6.6	6.6	6.6	6.9	7.1	7.1	6.0	3.5	2.1	988.5

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275LF14HP EAN: 4058352835319	LP number 58711_19
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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°	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.2	8.2	8.0	8.2	8.4
117,5°	8.9	8.9	8.9	8.9	8.6	8.4	8.2	8.2	8.0	8.0	8.0	8.0	8.2
120,0°	8.4	8.4	8.4	8.6	8.2	8.0	7.8	7.8	7.8	7.5	7.5	7.5	7.8
122,5°	7.5	7.5	8.0	7.8	7.5	7.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1
125,0°	6.2	6.4	6.4	6.4	6.2	6.0	6.0	6.0	6.0	5.8	5.8	5.8	5.8
127,5°	4.4	4.7	4.7	4.7	4.4	4.2	4.2	4.2	4.2	4.2	4.0	4.0	4.0
130,0°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.9	2.9	2.7
132,5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.2	2.2	2.2	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
137,5°	2.0	2.2	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
140,0°	1.8	1.6	1.8	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145,0°	1.3	1.3	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
147,5°	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
150,0°	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
165,0°	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
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 CITY-LIGHT PLUS LED	Order number: 5XA5275LF14HP EAN: 4058352835319	LP number 58711_19
		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°	8.6	9.1	9.3	9.3	7.5	3.5	9.1	9.1	8.9	8.6	8.2	7.8	7.5
117,5°	8.4	8.6	9.1	9.3	6.9	3.5	8.6	8.4	8.4	8.2	7.8	7.3	7.1
120,0°	8.0	8.4	8.6	8.9	6.0	3.1	8.4	8.4	8.0	7.8	7.5	7.1	6.9
122,5°	7.3	7.8	8.0	8.0	5.3	2.7	7.5	7.5	7.3	7.1	6.6	6.4	6.2
125,0°	5.8	6.2	6.4	6.4	4.2	2.7	6.0	6.0	5.8	5.8	5.3	5.3	5.1
127,5°	4.2	4.4	4.4	4.4	2.9	2.2	4.4	4.4	4.2	4.0	4.0	4.0	3.8
130,0°	2.9	2.9	3.1	2.7	2.0	1.8	3.1	3.1	3.1	3.1	3.1	2.9	2.9
132,5°	2.7	2.7	2.7	2.2	1.8	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.4
135,0°	2.2	2.2	2.2	1.8	1.3	1.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2
137,5°	1.6	1.8	1.6	1.3	1.3	1.3	2.0	2.2	2.0	1.8	1.8	1.8	1.8
140,0°	1.3	1.3	1.3	1.1	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.3	1.3
142,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.3	1.3	1.1	1.3	1.3	1.3
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.1	1.1	1.1	1.1	1.3	1.1
150,0°	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
165,0°	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
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

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°	7.1	6.9	6.4	6.2	6.2	6.2	6.6	6.6	6.6	5.1	2.7	2.0	990.4
117,5°	6.9	6.4	6.2	6.2	6.0	6.0	6.2	6.2	6.2	4.4	2.7	1.8	992.3
120,0°	6.6	6.4	6.2	5.8	5.8	5.8	5.8	6.0	5.8	4.0	2.2	1.7	994.0
122,5°	6.0	5.8	5.5	5.3	5.1	4.9	5.1	5.3	5.3	3.5	2.2	1.5	995.5
125,0°	4.9	4.9	4.4	4.4	4.0	4.0	4.0	4.0	4.0	3.1	2.2	1.2	996.7
127,5°	3.5	3.5	3.1	3.1	3.1	2.9	2.7	2.7	2.7	2.2	1.8	0.8	997.5
130,0°	2.7	2.7	2.7	2.2	2.2	2.2	2.2	2.2	1.8	1.8	1.8	0.6	998.1
132,5°	2.2	2.2	2.2	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.3	0.5	998.5
135,0°	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	1.3	0.4	998.9
137,5°	1.8	1.8	1.8	1.8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	999.3
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.2	999.5
142,5°	1.3	1.3	1.3	1.1	1.3	0.9	0.9	0.9	0.9	1.1	0.9	0.2	999.7
145,0°	1.3	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.9	1.1	0.9	0.2	999.9
147,5°	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.1	1000.0
150,0°	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
165,0°	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
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 CITY-LIGHT PLUS LED	Order number: 5XA5275LF14HP EAN: 4058352835319	LP number 58711_19
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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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	4680	33.6	35.9	34.8
95	241	252	4440	31.4	33.5	32.4
90	229	250	4219	29.4	31.4	30.4
85	216	248	3980	27.4	29.2	28.3
80	203	246	3740	25.5	27.1	26.3
75	190	243	3501	23.6	25.2	24.4
70	178	241	3280	21.9	23.3	22.6
65	165	238	3040	20.2	21.5	20.8
60	152	235	2801	18.5	19.6	19.0
55	140	232	2580	16.9	18.0	17.4
50	127	229	2340	15.3	16.2	15.8
45	114	225	2100	13.7	14.5	14.1
40	102	221	1879	12.3	13.0	12.6
35	89	216	1640	10.8	11.4	11.1
30	76	210	1400	9.3	9.8	9.6
25	63	203	1161	7.8	8.2	8.0
20	51	195	940	6.6	6.9	6.8
15	38	184	700	5.2	5.5	5.4
11	28	173	516	4.1	4.4	4.2