
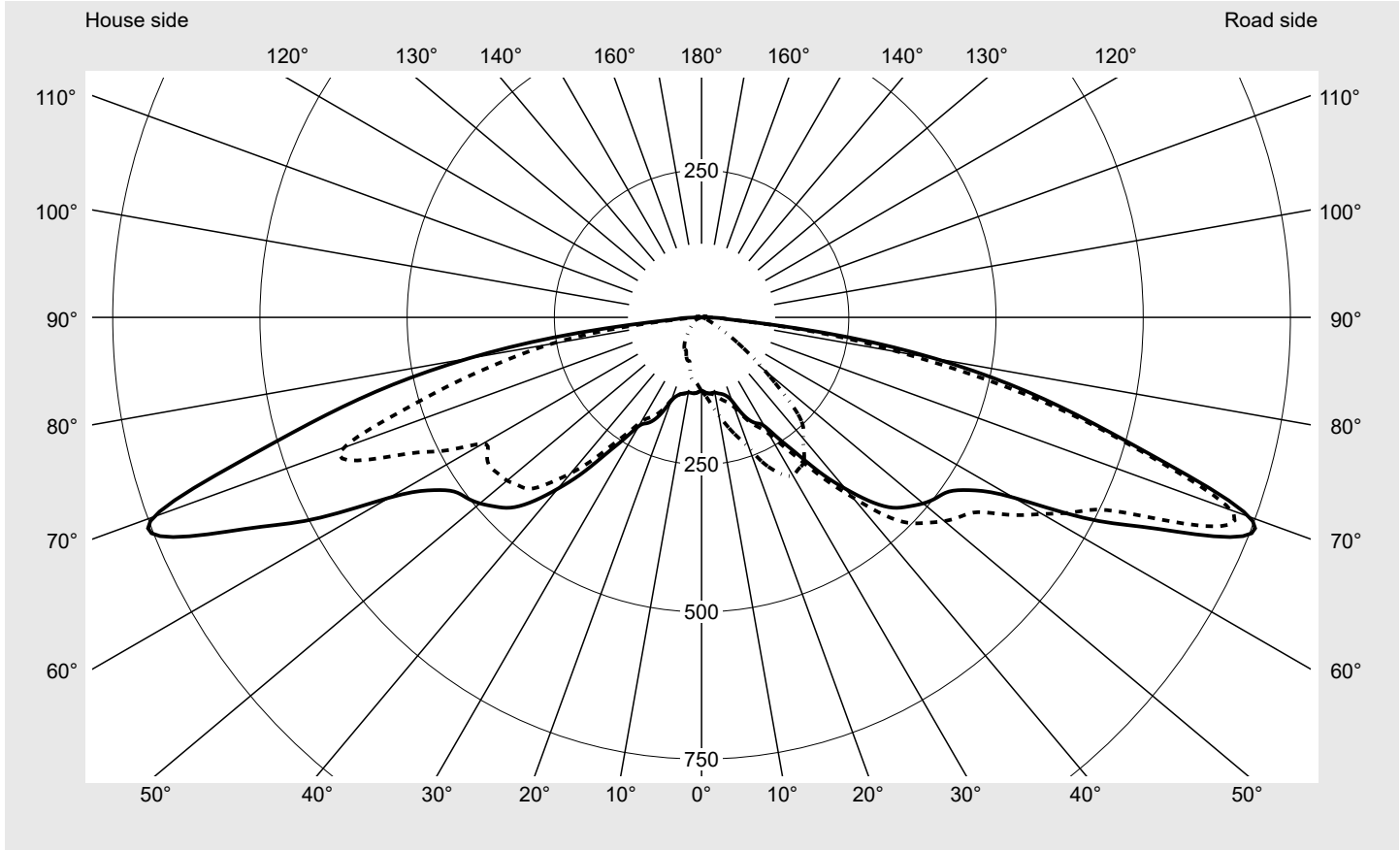


Photometric test report

Family Streetlight 11 micro LED	Order number: 5XC1CC1F08CE EAN: 4069025076373	LP number 58063_219
	Version post-top or side-entry mounting Optic asymmetric, extremely wide distribution (P1.0a) Cover transparent, PMMA Lamps LED 2700 K CRI ≥ 70 Controlgear ECG SITECO iQ Setting individual position Rated values Net luminous flux = 1430 lm Power consumption = 11.4 W Luminous efficacy = 125.4 lm/W	serial documentation 25.04.2024



Luminous intensity in cd/klm C180-0 C185-5 C270-90 **Imax: 989 cd/klm**



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	989.5
Imax 80°	402.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

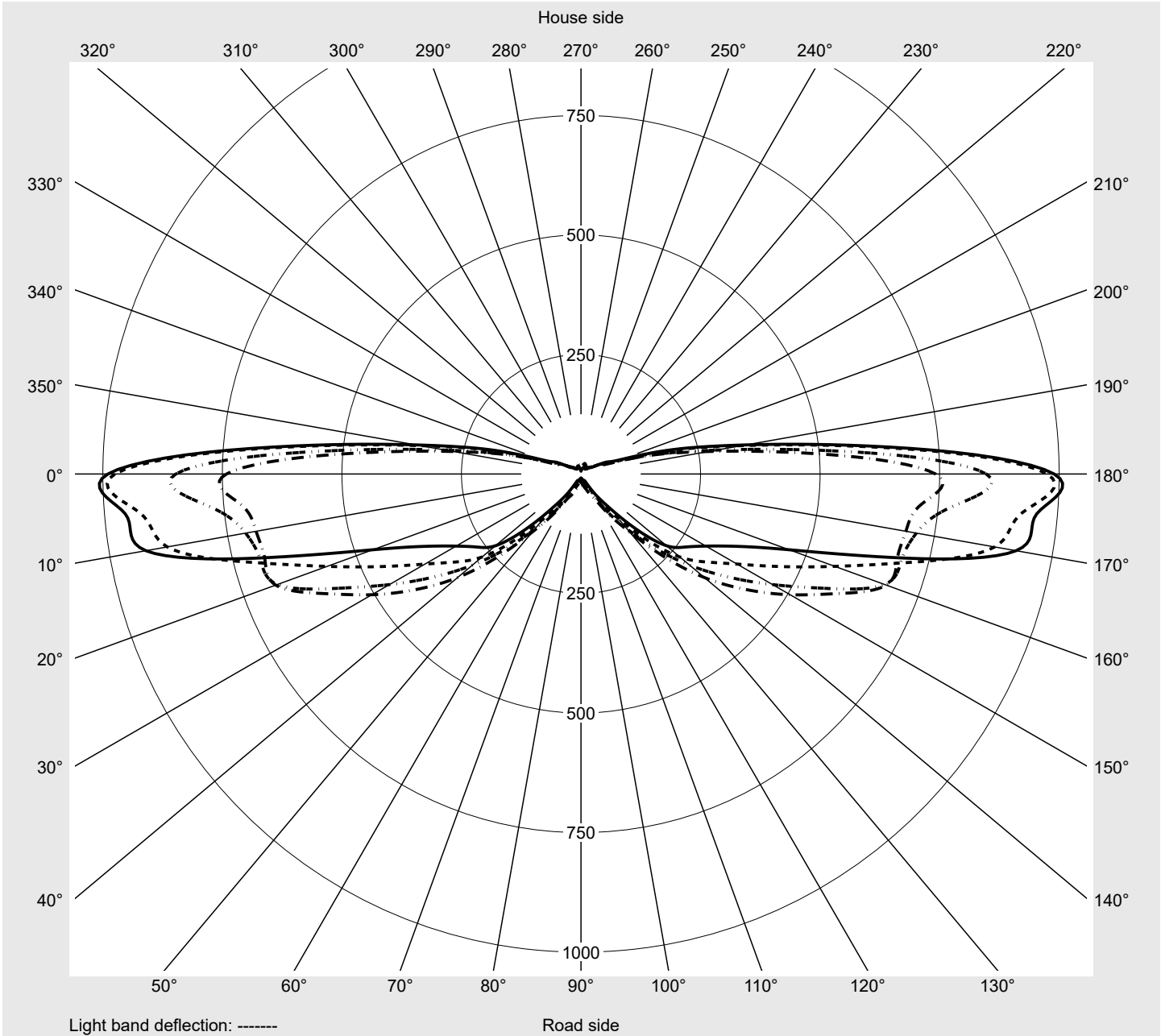
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 11 micro LED	Order number: 5XC1CC1F08CE EAN: 4069025076373	LP number 58063_219
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Envelope curve in cd/klm **KMK 70°** **KMK 67.5°** **KMK 65°** **KMK 62.5°** **siteco**



Photometric test report

Family Streetlight 11 micro LED	Order number: 5XC1CC1F08CE EAN: 4069025076373	LP number 58063_219
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°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6
2,5°	127.0	126.9	126.7	127.1	127.5	127.3	127.1	128.3	129.5	129.7	130.1	130.6	131.2
5,0°	129.4	129.7	129.9	131.6	133.3	133.8	134.2	136.5	138.5	139.4	140.0	140.9	141.8
7,5°	129.5	131.2	133.6	138.7	143.9	146.8	149.1	151.9	154.4	155.9	156.8	157.5	158.1
10,0°	129.7	134.2	139.4	146.6	153.6	158.3	162.1	165.8	169.0	171.3	173.3	173.9	174.6
12,5°	132.2	140.4	148.4	155.8	162.3	167.0	171.3	176.3	181.1	185.3	189.4	189.9	190.5
15,0°	134.8	146.4	156.9	164.5	170.7	176.6	182.2	188.1	194.0	199.8	205.5	206.6	207.7
17,5°	139.8	152.1	163.1	170.1	176.2	184.1	192.2	199.8	207.4	215.7	222.8	226.3	228.6
20,0°	151.0	162.2	172.4	179.8	187.1	197.9	208.5	215.8	222.4	230.5	237.9	242.4	245.9
22,5°	174.4	179.0	184.6	194.4	206.6	220.1	234.5	236.8	239.6	243.7	248.6	253.7	259.0
25,0°	192.5	197.2	200.3	212.0	224.9	242.0	260.4	258.9	257.4	259.0	261.2	265.2	269.7
27,5°	202.8	210.3	217.6	227.2	238.5	251.8	265.9	270.3	274.3	276.8	278.7	280.3	281.7
30,0°	213.1	228.0	242.7	251.7	258.7	264.6	271.4	282.3	294.5	293.7	292.8	288.0	283.7
32,5°	244.6	260.4	276.7	281.4	286.1	286.2	286.4	306.4	326.3	316.5	305.5	289.8	274.8
35,0°	282.9	300.1	316.1	317.6	319.2	314.0	308.8	326.9	345.1	329.2	310.9	285.5	257.6
37,5°	333.9	349.8	361.3	359.3	357.4	348.9	340.5	341.1	341.8	326.7	305.4	265.9	220.2
40,0°	379.9	398.5	411.0	406.7	402.4	389.4	375.8	360.7	343.6	326.1	299.9	252.8	198.4
42,5°	423.6	452.2	475.0	468.4	461.7	442.8	420.4	388.6	352.5	315.2	277.3	240.7	204.4
45,0°	456.8	492.9	524.2	518.3	512.3	487.3	457.2	413.0	362.6	308.3	258.7	224.8	201.4
47,5°	475.5	516.4	551.6	551.7	551.9	521.1	484.9	433.5	374.3	306.8	245.7	210.0	186.6
50,0°	491.4	538.2	578.7	582.9	587.1	549.7	507.2	451.2	386.1	306.4	233.6	193.5	167.9
52,5°	503.2	555.2	600.4	609.4	618.4	574.3	526.5	470.9	404.4	312.6	225.5	175.0	141.6
55,0°	514.9	576.5	631.8	638.3	644.8	591.1	535.5	478.3	409.9	308.7	211.5	155.7	119.1
57,5°	546.5	624.5	690.5	680.1	669.8	598.7	528.8	467.0	396.4	287.5	185.0	133.5	103.0
60,0°	612.4	667.9	723.5	703.4	683.3	601.3	522.1	456.0	382.9	270.8	166.0	114.7	85.6
62,5°	741.6	715.8	690.0	684.7	679.5	591.9	505.0	421.3	336.9	242.9	158.3	106.2	64.7
65,0°	847.5	779.9	712.2	694.0	675.7	566.2	462.6	375.5	296.7	219.8	150.6	96.0	46.7
67,5°	974.7	926.6	878.5	713.8	564.9	457.9	376.9	321.0	270.1	194.9	121.9	73.7	32.8
70,0°	989.5	956.7	924.0	674.9	463.3	357.9	301.7	266.3	233.4	162.9	91.8	51.1	19.0
72,5°	831.9	816.0	800.1	583.1	366.1	295.6	234.6	206.1	179.1	118.9	59.9	32.6	14.6
75,0°	681.5	667.1	652.6	470.2	287.8	232.2	183.0	156.1	129.7	81.8	27.9	19.4	11.0
77,5°	548.6	506.8	451.2	346.8	243.9	193.2	158.6	118.0	80.3	48.7	19.3	14.0	8.7
80,0°	402.4	343.4	286.5	233.7	187.8	156.1	126.6	84.0	44.9	25.8	12.7	9.5	6.7
82,5°	236.3	206.9	176.9	143.8	113.5	94.6	77.5	52.1	28.7	17.2	9.4	7.2	5.2
85,0°	70.2	68.8	67.3	53.3	39.3	39.7	40.0	27.0	15.8	10.1	6.1	4.8	3.6
87,5°	35.1	34.4	33.7	26.6	19.6	17.6	15.0	10.4	5.9	3.8	2.3	1.8	1.4
90,0°	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
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
160,0°	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
170,0°	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 Streetlight 11 micro LED	Order number: 5XC1CC1F08CE EAN: 4069025076373	LP number 58063_219
Table of values for luminous intensities		Maximum luminous intensity



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°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6
2,5°	131.1	130.9	130.9	130.9	131.4	131.9	126.9	126.8	126.1	125.5	125.9	126.3	126.8
5,0°	141.5	141.3	141.2	141.1	141.4	141.8	129.1	128.6	127.9	127.1	127.7	128.4	128.2
7,5°	157.8	157.4	157.6	157.8	156.3	154.8	129.6	129.6	129.5	129.3	130.9	132.4	129.8
10,0°	174.4	174.2	173.9	173.5	171.2	169.0	130.3	130.9	131.7	132.5	132.9	133.3	129.2
12,5°	191.4	192.5	190.0	187.6	185.8	184.3	132.5	132.7	134.6	136.6	133.1	128.7	122.0
15,0°	208.6	209.6	205.9	202.3	201.4	200.5	134.6	134.4	137.9	141.3	133.2	126.0	121.3
17,5°	227.3	225.9	221.2	216.4	216.5	216.6	139.7	139.6	143.5	147.3	135.2	123.1	136.0
20,0°	243.2	240.3	236.8	233.2	234.6	236.0	149.3	147.6	150.0	152.3	139.2	126.0	144.7
22,5°	255.9	252.7	253.2	253.7	258.5	263.4	167.4	159.8	158.4	156.9	150.7	144.4	150.0
25,0°	266.4	263.2	268.7	274.2	279.5	284.8	182.5	171.8	164.9	159.3	153.9	149.1	145.3
27,5°	279.5	277.3	278.7	280.0	290.8	301.5	192.1	180.4	169.0	157.3	144.5	132.5	124.7
30,0°	280.8	278.3	282.1	285.9	297.9	309.9	204.4	194.7	177.5	157.5	136.4	117.1	105.2
32,5°	265.9	258.9	270.2	281.7	293.6	305.8	231.5	215.7	189.9	160.5	129.5	102.7	89.7
35,0°	249.1	240.7	259.9	277.5	290.3	301.7	264.1	240.1	204.4	164.7	127.2	89.9	79.7
37,5°	221.8	223.5	244.4	263.2	275.5	285.6	306.6	270.5	223.9	172.9	123.8	74.6	67.8
40,0°	203.1	207.9	226.8	244.2	257.0	268.4	345.3	299.3	239.5	176.3	121.8	69.1	61.7
42,5°	201.2	197.9	209.1	221.7	238.2	256.0	381.0	325.6	248.6	172.7	120.2	83.0	62.5
45,0°	189.2	181.7	186.8	191.9	211.1	230.3	411.6	352.0	259.0	169.0	119.6	88.2	65.7
47,5°	170.0	157.1	152.5	147.9	164.8	181.6	422.2	353.0	248.0	149.8	105.3	81.5	60.8
50,0°	146.6	130.9	119.6	110.2	124.7	139.2	431.1	353.9	248.2	131.8	100.7	72.8	54.5
52,5°	116.3	98.9	87.1	77.9	90.5	103.0	435.6	350.8	238.4	115.6	86.2	60.3	45.3
55,0°	92.1	74.1	62.4	53.8	63.4	73.0	439.5	347.7	228.5	99.2	72.5	49.5	37.7
57,5°	77.0	58.9	48.1	40.5	44.9	49.2	431.5	306.1	191.4	78.2	58.5	38.8	32.3
60,0°	61.9	46.2	36.8	30.3	30.9	31.5	429.1	264.5	155.8	65.7	49.2	32.6	28.1
62,5°	49.8	36.7	29.4	24.0	22.9	21.8	489.6	270.9	151.9	66.0	48.8	34.0	26.1
65,0°	37.0	28.3	22.5	18.6	16.3	14.7	546.3	287.4	155.7	66.3	49.2	34.1	25.5
67,5°	26.6	20.9	16.7	13.7	12.1	11.0	635.2	341.7	186.3	76.8	54.4	32.0	24.6
70,0°	17.0	14.9	12.3	9.9	8.9	8.2	646.5	350.5	195.4	87.3	59.0	30.7	23.7
72,5°	12.4	10.4	8.9	7.6	7.1	6.6	541.4	290.6	159.2	67.5	48.8	32.7	24.1
75,0°	8.9	7.1	6.2	5.6	5.4	5.2	439.7	231.4	123.8	49.7	39.9	30.9	23.8
77,5°	7.0	5.5	4.7	4.2	3.9	3.7	344.9	171.2	87.0	32.7	27.6	22.8	18.7
80,0°	5.1	4.1	3.4	3.0	2.8	2.6	258.9	115.4	67.6	19.9	17.9	16.0	14.2
82,5°	4.0	3.2	2.6	2.2	2.0	1.9	151.3	66.3	39.6	12.8	11.7	10.8	10.3
85,0°	2.8	2.2	1.7	1.5	1.3	1.2	43.7	17.3	12.2	7.2	6.8	6.4	6.5
87,5°	1.0	0.8	0.7	0.6	0.5	0.5	21.9	8.7	5.7	2.7	2.5	2.4	2.4
90,0°	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
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
160,0°	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
170,0°	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 Streetlight 11 micro LED	Order number: 5XC1CC1F08CE EAN: 4069025076373	LP number 58063_219
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°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	0.2	0.2
2,5°	127.2	125.8	124.4	123.3	122.1	120.5	119.0	118.1	117.5	117.1	116.9	1.5	1.7
5,0°	128.1	126.3	124.3	121.4	118.6	116.5	114.7	113.2	111.9	111.2	110.6	3.1	4.8
7,5°	127.0	123.7	120.0	116.4	112.7	112.6	112.4	110.5	108.6	108.6	108.5	4.9	9.7
10,0°	124.9	120.3	115.8	112.0	108.5	109.2	110.0	107.5	105.2	103.7	102.4	6.7	16.4
12,5°	114.6	116.9	119.2	112.6	106.6	102.8	99.8	96.1	92.9	91.4	90.3	8.6	25.0
15,0°	117.6	120.0	122.5	113.4	104.8	97.8	91.6	86.0	80.6	79.4	78.2	10.7	35.8
17,5°	148.9	131.4	115.8	105.4	97.9	92.3	87.9	83.2	78.7	77.8	77.0	13.1	48.9
20,0°	163.4	134.0	109.1	96.8	90.1	85.0	81.7	78.8	76.7	75.2	73.9	15.6	64.5
22,5°	155.6	128.1	104.0	90.2	79.8	75.5	71.8	69.9	68.6	68.3	68.1	18.4	82.9
25,0°	141.8	117.6	96.2	81.8	72.0	66.1	62.0	61.3	60.5	61.4	62.2	21.2	104.0
27,5°	116.0	99.6	83.3	74.1	68.0	63.2	59.2	59.4	59.6	60.5	61.3	23.6	127.6
30,0°	95.5	83.3	72.6	67.1	63.5	60.0	56.8	57.8	58.8	58.8	58.8	26.0	153.7
32,5°	81.8	72.5	65.0	60.7	58.2	56.4	55.0	55.0	55.0	54.5	54.0	28.7	182.4
35,0°	70.4	63.1	57.7	55.0	53.4	53.3	53.2	51.9	50.8	49.8	48.8	31.6	214.0
37,5°	61.4	55.7	50.2	49.8	49.4	48.1	47.1	46.5	46.2	44.4	42.5	34.2	248.2
40,0°	54.7	49.2	44.3	44.7	45.2	43.5	41.9	41.5	41.1	39.1	37.2	37.2	285.4
42,5°	51.9	45.1	40.7	40.4	39.9	39.1	37.9	36.1	34.1	33.6	33.2	40.8	326.2
45,0°	48.4	42.9	37.4	36.5	35.7	35.1	34.6	31.8	29.0	29.2	29.4	43.8	370.0
47,5°	43.9	39.3	34.7	33.6	32.5	32.3	32.1	29.2	26.3	25.9	25.6	45.2	415.2
50,0°	39.3	35.4	31.5	30.7	29.8	29.9	30.0	27.1	24.2	23.3	22.5	46.6	461.8
52,5°	34.0	30.7	27.5	27.5	27.4	28.0	28.6	25.5	22.9	21.4	20.3	47.5	509.2
55,0°	29.6	26.8	24.0	24.7	25.5	26.4	27.4	24.5	21.8	19.9	18.2	48.2	557.5
57,5°	26.7	23.4	20.9	22.8	24.4	25.6	26.7	23.9	21.2	18.7	16.2	48.7	606.2
60,0°	24.0	21.0	18.4	20.7	22.9	24.5	25.9	23.3	20.5	17.4	14.3	49.2	655.4
62,5°	21.5	18.4	16.3	18.5	20.6	22.1	23.4	20.9	18.5	16.0	13.6	50.0	705.4
65,0°	19.0	16.9	14.7	16.6	18.4	19.6	20.7	18.3	16.0	14.4	13.0	51.1	756.5
67,5°	18.4	15.5	13.7	15.1	16.3	17.3	18.2	15.5	13.0	11.1	9.3	52.9	809.3
70,0°	17.7	14.9	13.2	13.5	13.8	14.3	14.9	12.2	9.7	7.8	6.1	50.7	860.0
72,5°	18.0	15.7	13.6	12.0	10.8	10.2	9.8	7.8	6.1	4.6	3.2	42.6	902.6
75,0°	18.4	15.3	13.2	10.3	7.8	6.7	5.8	4.1	2.4	1.3	0.4	34.3	936.9
77,5°	15.5	13.5	11.9	9.5	7.1	5.3	3.8	2.5	1.5	0.8	0.2	26.3	963.2
80,0°	12.5	11.3	9.9	8.1	6.1	3.9	1.7	1.2	0.6	0.3	0.0	18.8	982.0
82,5°	9.6	8.2	6.6	5.4	4.3	2.9	1.3	0.8	0.4	0.2	0.1	11.5	993.5
85,0°	6.6	5.1	3.8	3.2	2.7	1.8	0.9	0.5	0.3	0.2	0.2	4.4	997.9
87,5°	2.5	1.9	1.4	1.2	1.0	0.7	0.3	0.2	0.1	0.1	0.1	2.0	1000.0
90,0°	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
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
160,0°	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
170,0°	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 Streetlight 11 micro LED	Order number: 5XC1CC1F08CE EAN: 4069025076373	LP number 58063_219
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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	1430	11.4	11.6	11.5
95	241	252	1357	10.9	11.1	11.0
90	229	250	1289	10.4	10.6	10.5
85	216	248	1216	9.9	10.0	10.0
80	203	246	1143	9.3	9.5	9.4
75	190	243	1070	8.8	8.9	8.9
70	178	241	1002	8.3	8.4	8.4
65	165	238	929	7.8	7.9	7.8
60	152	235	856	7.4	7.5	7.4
55	140	232	788	6.9	7.0	7.0
50	127	229	715	6.5	6.5	6.5
45	114	225	642	6.0	6.0	6.0
40	102	221	574	5.5	5.5	5.5
35	89	216	501	4.9	4.9	4.9
30	76	210	428	4.4	4.5	4.4
25	63	203	355	3.9	4.0	4.0