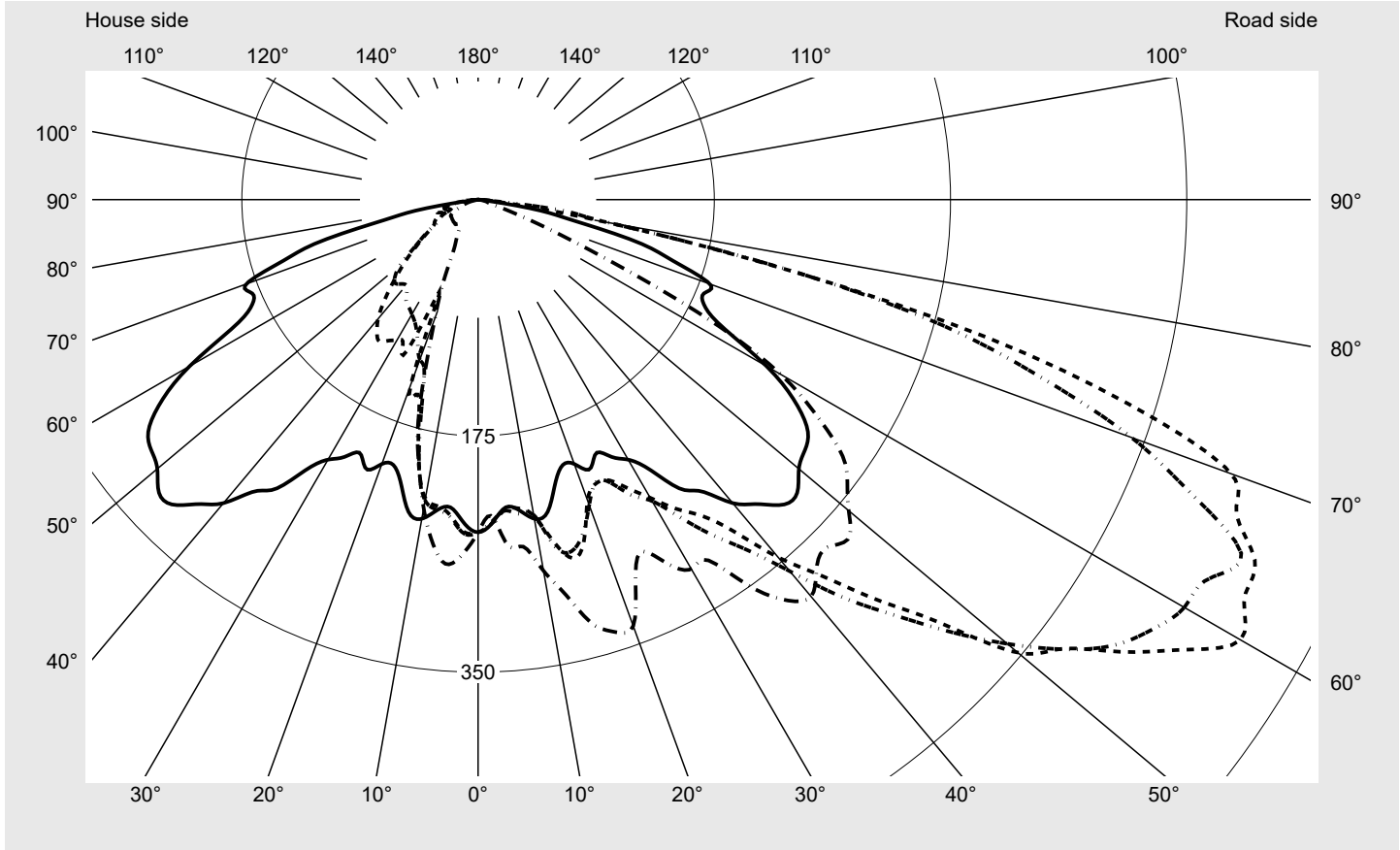


Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2AC1Y08GE EAN: 4069025078797	LP number 58293_438
	Version post-top or side-entry mounting Optic asymmetric, wide distribution (ST1.2a) Cover transparent, PMMA Lamps LED 3000 K CRI ≥ 70 Controlgear EVG SITECO iQ - Smart Interface Setting factory setting Rated values Net luminous flux = 3570 lm Power consumption = 24.9 W Luminous efficacy = 143.4 lm/W	serial documentation 25.04.2024



Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 652 cd/klm**



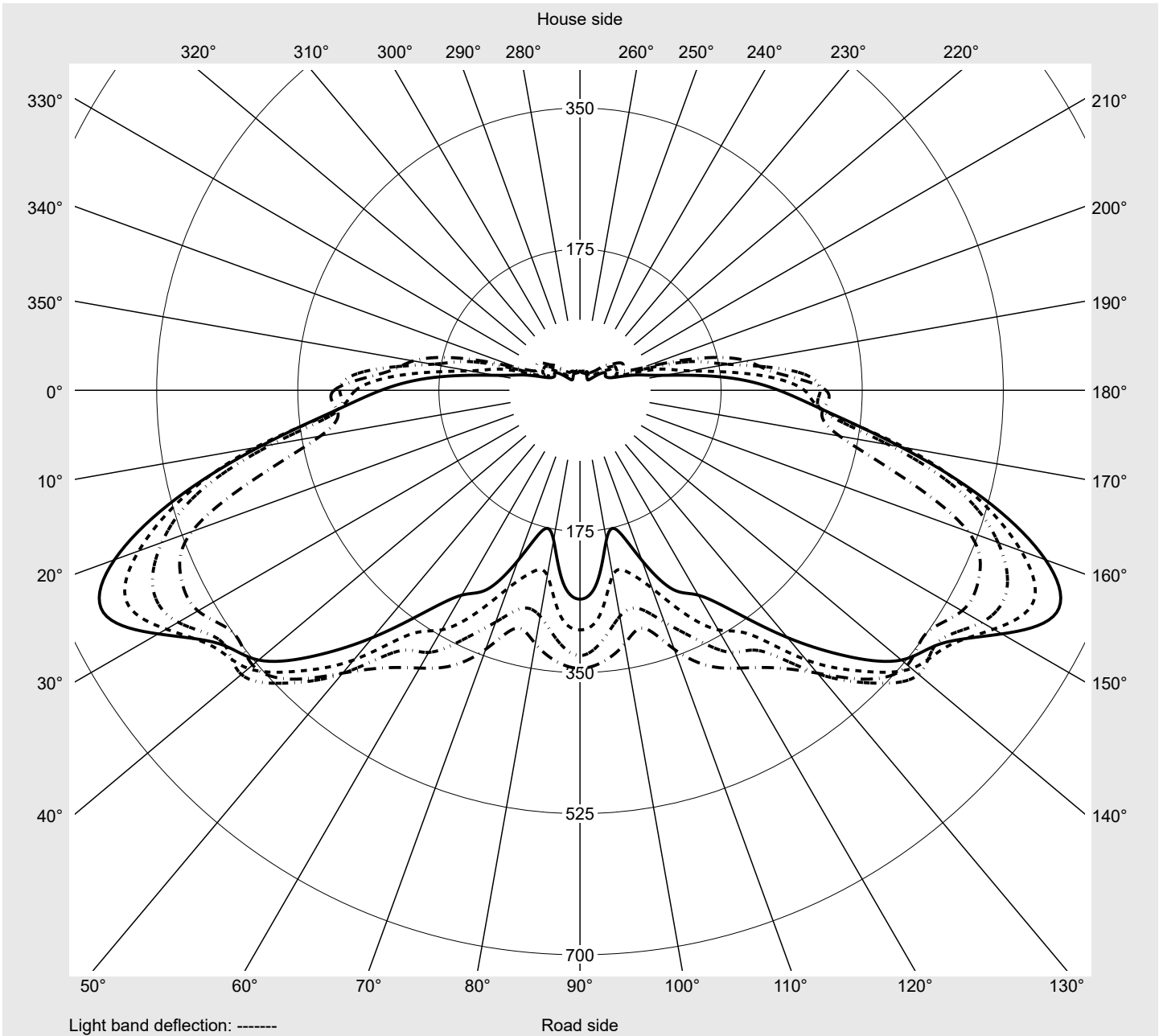
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	593.9
Imax 80°	98.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2AC1Y08GE EAN: 4069025078797	LP number 58293_438
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Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2AC1Y08GE EAN: 4069025078797	LP number 58293_438
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°	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4
2,5°	239.8	240.0	240.1	239.7	240.0	239.8	238.6	237.2	236.7	236.5	235.6	235.3	234.4
5,0°	229.1	228.4	228.7	229.6	230.3	230.5	231.2	232.4	235.4	238.5	239.7	241.9	242.5
7,5°	231.9	232.6	231.2	229.7	229.3	230.7	234.7	239.7	244.4	248.4	250.9	254.0	255.3
10,0°	240.0	245.5	244.0	240.9	238.8	237.8	236.9	240.2	245.1	251.2	258.7	264.9	272.0
12,5°	237.3	248.6	259.0	262.1	260.8	259.9	262.9	262.2	260.3	267.2	276.2	282.6	282.7
15,0°	219.3	225.4	240.1	256.9	269.9	275.0	269.3	265.6	263.3	261.3	264.6	271.9	281.1
17,5°	206.8	214.9	231.6	247.1	254.2	262.3	258.8	252.0	246.2	242.9	244.5	247.3	257.3
20,0°	208.4	221.3	226.4	230.6	233.9	237.1	240.8	248.5	251.5	245.3	240.1	242.0	254.3
22,5°	216.1	219.3	220.3	223.1	226.9	227.7	227.1	227.7	235.4	240.6	242.8	248.2	253.0
25,0°	207.1	214.4	224.2	232.5	232.6	229.4	231.1	234.6	239.8	243.8	257.3	260.7	268.7
27,5°	215.0	225.1	225.5	231.9	237.3	241.3	246.8	251.6	257.6	266.8	281.0	288.8	303.3
30,0°	222.4	233.4	237.1	242.8	250.8	255.0	257.8	266.5	281.3	295.2	308.3	320.8	334.8
32,5°	237.4	244.8	245.8	249.4	262.0	271.1	279.1	290.5	312.4	328.5	340.2	345.4	356.7
35,0°	261.6	267.3	267.7	267.3	274.5	285.1	303.6	321.6	334.8	353.0	362.6	378.3	388.1
37,5°	272.5	277.6	279.9	285.7	293.6	308.5	326.9	345.0	359.7	372.7	387.7	420.5	413.3
40,0°	293.4	297.1	299.4	309.9	319.5	345.9	359.3	367.5	382.1	408.4	414.9	433.9	441.4
42,5°	305.8	310.7	318.2	336.2	353.8	378.6	399.4	400.4	400.5	427.8	436.5	449.4	450.6
45,0°	319.6	313.1	321.5	373.8	392.3	420.0	434.8	431.2	434.8	457.0	452.4	447.1	446.6
47,5°	320.8	309.8	325.1	385.4	419.7	463.8	473.6	464.3	469.8	469.4	456.5	443.9	445.2
50,0°	310.2	307.2	315.4	392.2	452.4	522.3	511.8	491.4	505.3	487.1	454.1	435.2	423.2
52,5°	305.1	301.6	326.9	413.0	512.4	546.3	547.1	524.7	530.1	506.6	457.9	420.1	397.8
55,0°	298.1	302.5	388.7	489.5	551.8	584.1	575.4	542.9	548.3	513.5	458.7	395.3	375.4
57,5°	278.3	306.9	409.1	507.8	582.3	620.5	592.4	554.8	536.8	492.4	436.5	370.2	343.0
60,0°	246.7	308.6	403.8	518.1	614.4	652.2	604.1	547.4	520.4	465.8	400.3	336.1	293.3
62,5°	203.8	309.3	401.4	514.5	592.8	640.0	609.1	568.3	505.6	448.4	370.3	308.4	244.7
65,0°	184.8	305.8	399.8	491.5	545.4	635.2	624.2	536.2	477.4	421.4	336.1	290.3	208.4
67,5°	181.2	300.3	385.2	455.9	537.1	608.0	573.8	499.7	429.1	379.6	303.5	252.0	174.7
70,0°	182.8	298.3	348.6	421.3	536.1	593.9	515.4	439.2	393.7	335.0	261.7	204.6	153.3
72,5°	152.3	295.2	340.0	415.6	464.5	507.8	436.8	365.4	336.0	281.8	215.0	165.1	137.1
75,0°	123.4	244.9	296.2	319.8	343.4	381.6	351.0	272.8	224.7	206.6	172.7	145.5	127.0
77,5°	74.5	181.8	192.1	227.4	191.9	217.5	221.5	172.7	139.2	141.8	115.3	105.6	88.0
80,0°	47.1	60.2	72.3	86.8	96.2	97.8	98.2	98.9	96.2	95.3	52.2	40.0	30.9
82,5°	9.3	12.5	13.4	18.9	18.9	29.8	65.1	93.0	67.0	41.5	23.5	16.6	10.9
85,0°	3.5	3.3	3.7	4.4	5.5	7.4	9.6	16.6	11.6	10.1	9.4	7.2	6.3
87,5°	2.3	2.4	2.6	2.9	3.1	3.3	3.6	4.1	4.4	4.0	3.8	3.7	3.5
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 mini LED	Order number: 5XC2AC1Y08GE EAN: 4069025078797	LP number 58293_438
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°	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4
2,5°	234.1	233.5	232.9	233.4	234.2	235.0	241.0	242.5	243.2	244.5	246.1	247.4	248.1
5,0°	244.3	246.1	247.2	250.8	255.4	257.5	231.6	232.2	232.8	232.6	234.9	236.2	234.4
7,5°	259.1	260.3	263.4	262.6	260.8	259.4	230.1	229.9	228.3	227.7	229.0	231.6	231.0
10,0°	272.7	271.8	271.6	272.6	275.4	279.2	233.5	228.8	225.7	223.4	224.7	226.2	223.3
12,5°	285.6	286.2	290.0	295.9	298.0	299.6	227.2	221.3	214.0	207.4	202.7	202.1	203.7
15,0°	282.9	288.2	301.7	314.1	320.8	324.6	210.7	201.6	193.5	182.8	169.7	162.8	156.0
17,5°	275.5	290.1	300.8	317.3	329.9	335.7	199.0	192.5	185.9	171.1	151.0	132.5	124.4
20,0°	266.9	281.0	296.7	311.8	330.4	336.1	198.2	187.6	172.6	163.2	145.4	126.2	113.8
22,5°	264.4	276.4	296.7	308.8	307.9	304.8	194.5	174.3	162.8	143.5	74.0	116.6	98.7
25,0°	273.7	286.6	295.4	294.2	295.9	287.6	195.6	169.8	156.1	135.8	121.1	107.6	89.5
27,5°	302.2	308.3	307.5	302.6	297.9	304.0	195.8	178.3	162.7	136.6	120.6	101.8	83.5
30,0°	338.0	331.1	312.4	313.6	311.7	315.9	207.9	188.4	165.9	142.2	120.1	98.1	77.8
32,5°	351.6	334.4	325.1	337.0	328.7	316.6	224.1	203.2	170.7	147.0	123.9	95.1	73.8
35,0°	381.8	364.5	359.3	364.4	357.6	348.7	254.1	231.6	188.3	154.7	127.9	92.7	72.5
37,5°	400.8	388.8	368.5	359.8	364.8	373.8	263.8	240.0	192.1	161.1	123.0	86.7	73.2
40,0°	426.7	407.3	369.0	349.1	366.6	383.8	284.2	250.4	192.1	160.5	115.3	82.8	76.0
42,5°	445.4	405.8	374.1	350.6	367.9	371.2	294.9	249.1	189.9	153.0	103.8	84.7	76.8
45,0°	454.6	404.8	367.5	355.3	367.9	364.9	304.7	253.4	189.5	145.6	91.7	87.2	83.4
47,5°	444.2	397.0	350.0	356.6	373.5	371.9	285.3	245.8	183.2	123.3	79.8	83.2	80.6
50,0°	415.6	363.0	328.5	334.1	367.2	358.4	246.0	208.6	170.2	99.8	69.6	75.4	71.6
52,5°	377.0	341.7	305.5	319.2	337.4	344.8	245.2	210.0	153.6	79.9	59.0	62.0	59.4
55,0°	340.5	305.9	280.1	284.6	312.2	329.0	268.2	186.1	136.3	60.7	50.5	52.1	51.7
57,5°	304.7	261.3	234.1	233.3	280.3	297.2	220.2	138.9	101.2	52.2	43.1	44.3	44.4
60,0°	272.4	224.3	180.1	188.5	239.8	259.0	182.4	107.2	73.6	47.7	37.8	36.3	38.0
62,5°	220.8	167.7	135.7	140.5	177.7	194.5	144.0	86.7	60.7	46.5	36.4	32.0	31.7
65,0°	173.8	118.9	93.3	100.8	117.9	110.3	115.5	69.8	50.4	41.5	34.4	30.3	28.6
67,5°	127.0	81.4	58.3	50.3	53.2	55.8	112.4	66.9	43.1	33.6	31.4	26.8	22.4
70,0°	110.0	67.0	36.1	23.4	24.0	23.7	111.5	64.4	43.1	30.9	28.2	21.7	19.7
72,5°	95.0	38.0	20.3	11.1	10.3	9.3	90.0	56.0	44.0	38.4	31.8	23.7	19.8
75,0°	83.9	21.9	12.7	8.3	7.2	7.1	63.0	53.1	47.7	34.4	29.9	25.7	18.1
77,5°	31.9	15.2	9.0	6.5	5.7	5.5	54.2	48.4	47.2	30.9	25.1	22.1	16.2
80,0°	14.1	9.7	6.4	5.0	4.4	4.2	36.4	35.4	29.8	22.2	19.6	18.2	16.2
82,5°	9.0	6.6	4.7	3.7	3.2	3.1	9.7	11.3	14.2	14.6	15.4	11.1	10.4
85,0°	5.2	3.9	2.9	2.3	1.9	1.7	3.1	3.1	3.2	3.3	3.4	3.5	3.5
87,5°	3.0	2.2	1.5	1.2	1.0	1.0	2.2	2.0	2.0	2.0	1.9	1.9	1.7
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 mini LED	Order number: 5XC2AC1Y08GE EAN: 4069025078797	LP number 58293_438
Table of values for luminous intensities		Maximum luminous intensity

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°	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	0.4	0.4
2,5°	249.5	252.2	254.7	257.5	259.7	261.3	261.3	261.3	262.1	262.4	262.8	2.9	3.3
5,0°	231.6	233.6	237.0	241.2	245.2	249.9	256.6	263.5	269.0	271.4	271.0	5.8	9.1
7,5°	225.8	225.3	227.9	229.8	234.2	239.7	243.5	246.5	250.9	255.1	256.9	8.6	17.7
10,0°	214.9	206.6	211.0	211.6	215.6	218.1	225.4	229.7	234.1	233.6	232.1	11.4	29.1
12,5°	205.5	194.6	195.1	193.5	195.4	200.0	205.8	215.1	216.6	206.7	202.2	14.2	43.3
15,0°	155.4	160.1	160.7	158.6	157.5	160.9	168.0	169.1	179.2	173.9	171.9	15.8	59.1
17,5°	121.8	123.5	125.8	124.8	119.6	125.9	127.1	123.3	124.5	126.5	127.6	16.7	75.9
20,0°	106.9	108.0	108.3	102.2	91.8	85.2	85.0	83.3	89.9	94.2	93.3	17.8	93.7
22,5°	90.5	90.6	95.5	88.8	77.0	70.1	67.6	63.8	62.9	62.6	70.1	18.6	112.3
25,0°	76.4	77.8	84.5	74.0	71.7	64.2	62.0	54.8	48.0	44.9	46.3	20.3	132.7
27,5°	68.7	60.3	56.3	57.6	57.9	53.0	52.5	44.8	39.0	37.0	36.1	22.7	155.4
30,0°	65.1	58.5	54.4	51.3	46.7	43.1	39.1	38.0	34.6	31.9	30.8	25.7	181.1
32,5°	63.3	57.4	53.7	46.9	39.3	34.9	32.3	30.9	29.7	28.1	26.3	28.9	210.0
35,0°	65.2	58.8	52.1	43.5	36.9	31.4	28.3	26.5	25.1	24.5	24.1	33.2	243.2
37,5°	66.6	58.3	50.3	42.4	36.2	31.2	26.4	24.9	23.6	24.2	23.4	36.8	280.0
40,0°	70.0	59.1	50.2	41.5	33.5	27.6	25.6	24.3	24.1	24.1	23.4	40.8	320.8
42,5°	71.2	59.5	50.3	40.5	32.6	27.3	24.6	24.4	24.3	23.8	24.8	44.5	365.3
45,0°	74.6	61.9	46.1	36.6	31.9	28.1	24.6	24.3	24.1	24.3	24.5	48.0	413.3
47,5°	70.1	55.1	41.9	34.0	30.1	27.6	24.8	24.2	24.2	24.2	24.6	50.6	463.9
50,0°	58.1	48.8	38.8	31.0	29.0	26.4	25.4	24.3	24.2	24.2	24.2	51.8	515.7
52,5°	49.6	43.2	33.6	28.2	25.7	25.8	25.3	24.1	24.3	24.7	24.1	53.3	569.0
55,0°	43.5	36.5	28.4	24.7	23.3	23.8	24.6	23.5	24.2	23.6	23.7	54.9	623.9
57,5°	36.2	29.1	22.9	20.4	21.4	22.1	23.1	22.7	22.9	23.1	23.6	53.9	677.8
60,0°	31.5	22.4	17.1	16.3	17.5	19.6	21.7	21.9	21.8	22.3	23.3	52.0	729.9
62,5°	25.2	17.7	13.2	12.8	14.7	17.2	19.3	19.4	19.7	20.4	20.9	49.2	779.1
65,0°	20.3	14.6	11.5	10.5	12.0	14.7	17.0	16.9	17.5	17.0	17.7	45.9	824.9
67,5°	18.1	13.7	10.7	9.4	10.0	11.5	13.5	14.1	14.8	13.6	14.4	41.9	866.8
70,0°	16.3	12.0	9.9	8.5	8.3	9.3	10.5	11.2	11.9	11.7	11.8	38.6	905.4
72,5°	14.7	10.9	8.3	7.1	6.8	7.7	8.1	8.4	9.0	9.3	9.3	34.1	939.5
75,0°	12.7	10.3	7.2	6.0	5.6	5.9	6.2	6.5	6.5	6.5	6.7	27.2	966.6
77,5°	10.4	7.6	5.8	5.1	4.5	4.1	4.4	4.6	3.7	3.2	3.1	18.1	984.8
80,0°	10.8	6.1	4.2	3.9	3.3	3.0	2.8	2.9	2.0	1.0	0.6	9.2	994.0
82,5°	7.4	4.7	3.4	2.9	2.5	2.2	1.9	1.9	1.1	0.6	0.4	4.3	998.3
85,0°	3.4	2.6	2.3	1.9	1.8	1.4	1.0	0.9	0.7	0.4	0.4	1.2	999.4
87,5°	1.6	1.5	1.2	1.2	1.0	0.9	0.7	0.6	0.5	0.4	0.4	0.6	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 mini LED	Order number: 5XC2AC1Y08GE EAN: 4069025078797	LP number 58293_438
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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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	3570	24.9	25.7	25.3
95	241	252	3387	23.6	24.3	24.0
90	229	250	3219	22.4	23.1	22.8
85	216	248	3036	21.2	21.7	21.4
80	203	246	2853	19.9	20.5	20.2
75	190	243	2670	18.7	19.2	19.0
70	178	241	2502	17.5	18.0	17.8
65	165	238	2319	16.3	16.7	16.5
60	152	235	2136	15.1	15.5	15.3
55	140	232	1968	14.0	14.3	14.2
50	127	229	1785	12.8	13.1	13.0
45	114	225	1602	11.6	11.9	11.8
40	102	221	1434	10.6	10.9	10.8
35	89	216	1251	9.4	9.6	9.5
30	76	210	1068	8.2	8.4	8.3
25	63	203	885	7.1	7.3	7.2
20	51	195	717	6.1	6.2	6.2
15	38	184	534	4.9	5.0	5.0
14	35	181	492	4.6	4.7	4.6