
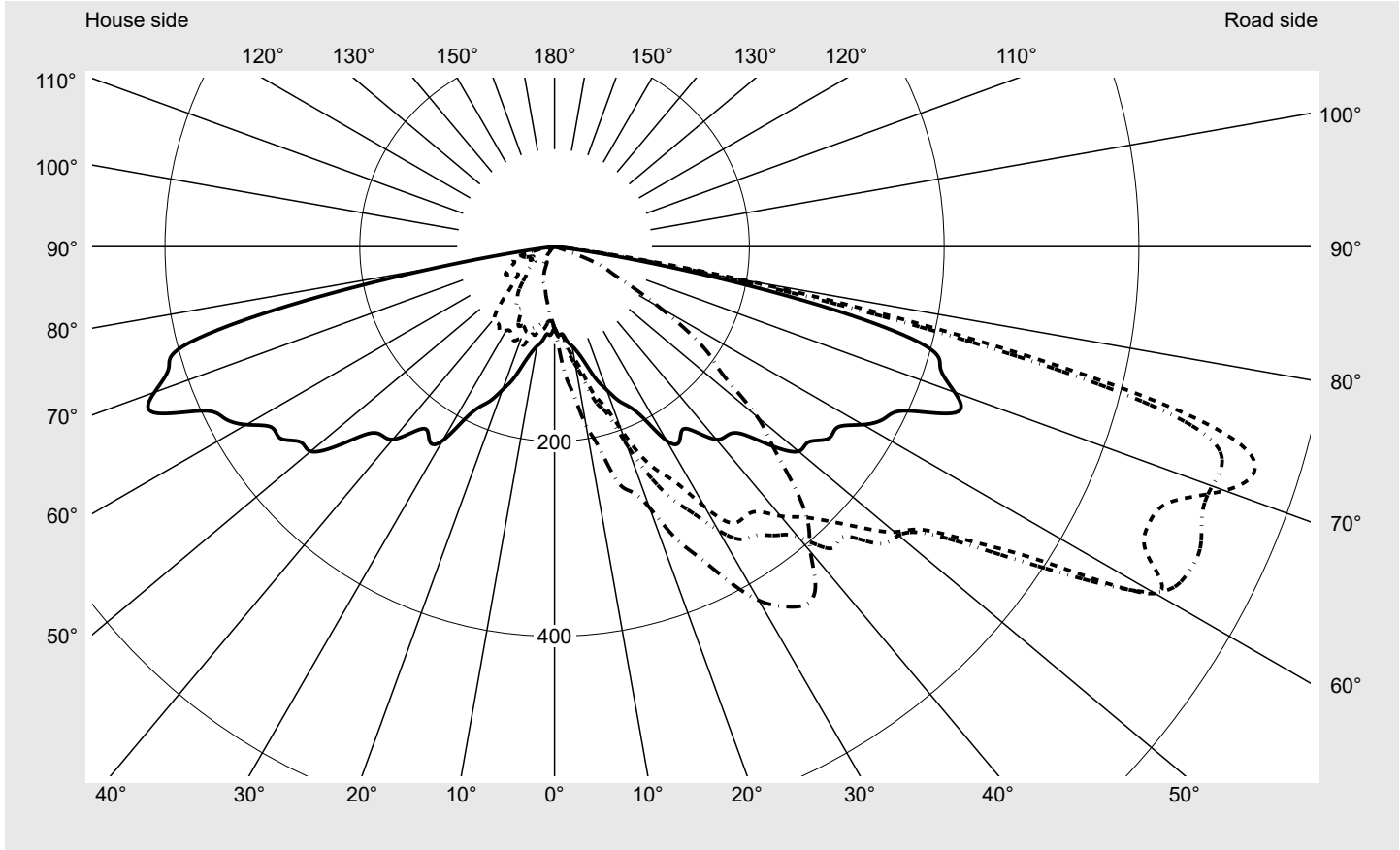


Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2NC1F08HE EAN: 4069025078933	LP number 59457_401
	Version post-top or side-entry mounting, Colour Switch Optic asymmetric, extreme wide distribution with Back Light Control (ST1.0aB) Cover transparent, PMMA Lamps LED 2200 K CRI ≥ 70 Controlgear ECG SITECO iQ Setting individual position Rated values Net luminous flux = 5740 lm Power consumption = 63.6 W Luminous efficacy = 90.3 lm/W	serial documentation 25.06.2024



Luminous intensity in cd/klm C180-0 C195-15 C200-20 C270-90 **Imax: 754 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:	G1
Imax 70°	742.9
Imax 80°	194.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

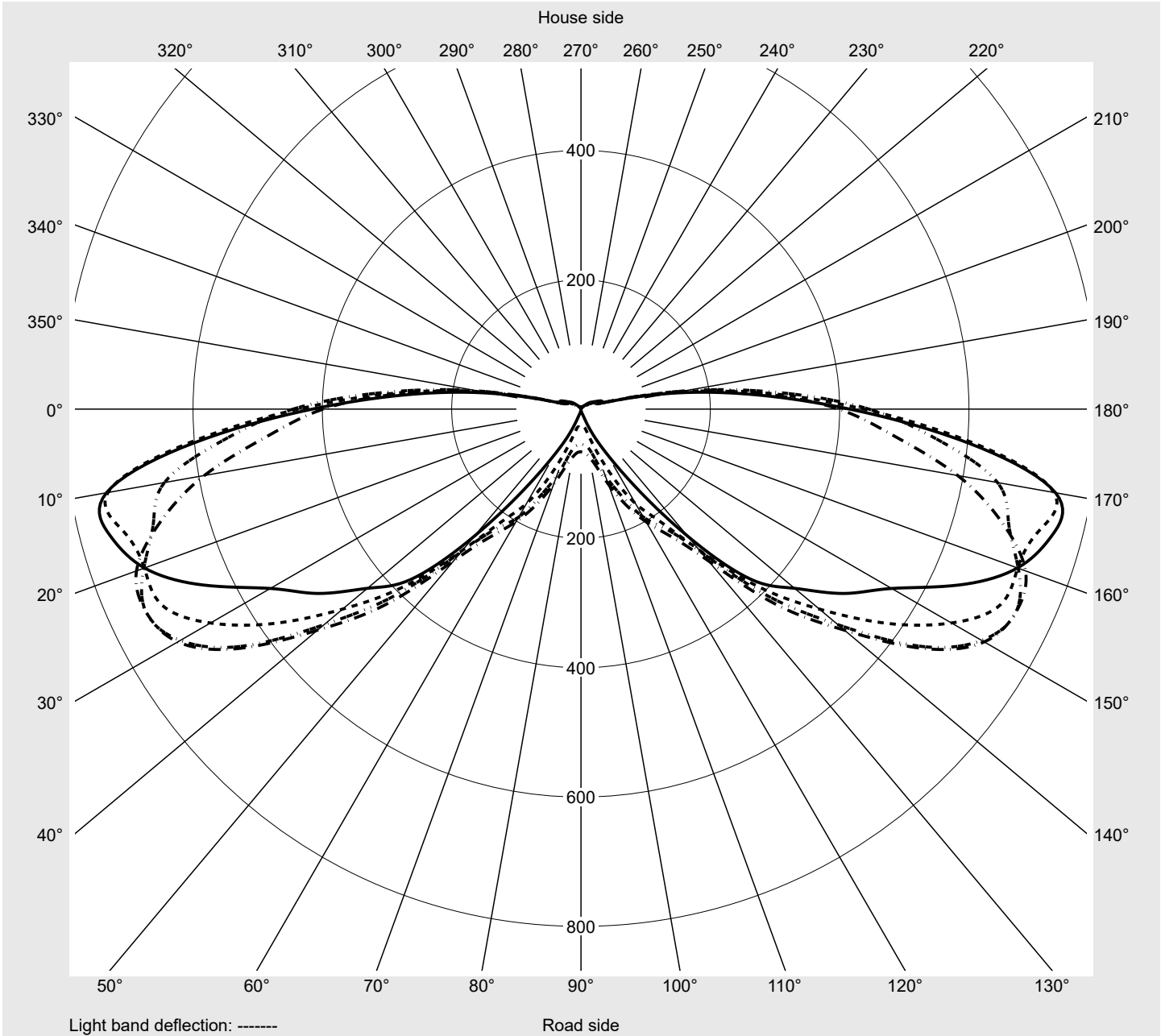
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2NC1F08HE EAN: 4069025078933	LP number 59457_401
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Envelope curve in cd/klm **KMK 72.5°** **KMK 70°** **KMK 67.5°** **KMK 65°** **siteco**



Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2NC1F08HE EAN: 4069025078933	LP number 59457_401
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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2,5°	90.7	90.4	89.6	89.6	92.6	95.8	96.7	97.7	98.9	99.7	99.4	98.3	98.9
5,0°	90.1	90.9	91.0	90.8	93.4	99.4	105.1	110.0	112.1	113.3	116.6	120.2	123.6
7,5°	97.8	100.7	102.4	105.0	109.4	114.0	119.6	126.7	130.4	132.5	135.6	139.9	145.0
10,0°	103.6	106.4	110.5	116.9	123.4	128.7	132.7	139.3	141.8	143.6	147.6	151.3	157.4
12,5°	111.8	117.3	123.2	132.2	141.1	147.9	152.1	158.1	165.3	172.9	180.1	185.3	193.8
15,0°	125.2	133.6	145.8	157.3	166.0	174.5	179.6	187.6	195.8	203.8	214.1	219.5	222.2
17,5°	143.2	155.5	164.5	171.9	180.0	189.8	197.5	200.1	207.5	218.4	228.9	237.2	238.4
20,0°	156.4	173.2	183.5	200.0	215.7	230.8	239.2	240.9	243.5	246.5	255.5	265.9	271.5
22,5°	170.8	187.0	210.2	232.7	254.6	270.3	278.3	280.9	284.4	287.3	295.1	302.1	306.7
25,0°	181.3	201.9	229.5	255.3	285.9	298.3	297.6	301.1	310.9	320.5	327.1	336.2	345.9
27,5°	199.6	223.0	249.0	275.0	308.8	330.8	334.2	332.9	340.4	347.8	346.0	350.2	361.3
30,0°	229.9	263.1	284.9	308.6	336.3	357.1	363.1	360.8	363.2	367.2	369.3	373.6	377.3
32,5°	237.9	268.2	303.2	336.2	356.3	370.3	380.8	388.7	395.3	396.8	395.5	398.8	401.1
35,0°	229.2	258.8	302.6	339.1	361.7	384.4	397.9	409.4	417.6	415.7	411.6	408.9	410.5
37,5°	240.5	269.2	303.8	342.9	373.6	395.9	415.8	429.1	425.2	416.6	408.2	393.8	398.7
40,0°	258.4	286.2	322.8	361.1	388.8	409.4	426.1	433.8	426.7	417.1	404.6	397.1	398.3
42,5°	262.6	307.8	341.9	376.7	420.2	432.6	432.9	449.5	450.5	420.8	402.7	394.6	390.9
45,0°	271.8	332.1	375.9	398.6	420.7	449.8	466.6	471.6	458.9	428.9	404.4	386.4	378.1
47,5°	302.7	373.9	405.2	426.9	451.5	472.8	491.1	480.4	458.4	436.1	412.4	380.6	357.9
50,0°	327.0	400.8	432.0	455.7	461.1	473.9	487.7	483.4	462.4	434.6	408.1	362.7	325.3
52,5°	329.2	407.3	456.4	477.7	484.5	499.6	505.3	497.0	463.5	423.3	381.5	334.3	311.5
55,0°	343.4	414.5	489.4	530.3	545.3	562.1	551.7	525.4	475.1	419.2	362.9	303.1	278.0
57,5°	344.9	447.4	527.2	608.8	628.7	618.3	599.7	560.8	488.5	413.0	343.5	277.3	248.3
60,0°	365.5	499.4	616.7	712.2	709.4	673.8	648.7	595.7	500.0	408.6	330.9	277.1	243.0
62,5°	382.0	492.2	604.2	686.5	731.0	714.9	688.2	618.4	525.8	415.5	317.6	258.9	222.0
65,0°	398.7	488.0	591.6	673.3	731.6	742.3	720.1	645.3	532.0	427.9	306.2	239.1	201.3
67,5°	445.3	556.0	654.2	684.7	719.6	742.5	715.5	639.3	518.7	408.5	288.1	224.4	192.8
70,0°	437.2	611.3	742.9	732.2	718.6	715.8	661.6	577.7	481.2	388.9	284.8	211.1	168.8
72,5°	415.4	601.1	745.2	754.3	718.3	643.9	554.8	497.1	431.2	372.9	256.3	146.8	79.9
75,0°	395.0	544.9	656.0	682.3	642.3	531.3	429.6	403.8	358.9	245.3	111.8	36.6	10.0
77,5°	280.5	372.5	430.3	442.8	397.4	333.4	289.5	230.9	140.4	47.1	7.8	0.0	0.0
80,0°	118.6	154.3	189.4	194.9	165.3	140.7	101.2	41.4	8.9	0.0	0.0	0.0	0.0
82,5°	22.3	28.1	36.5	41.6	37.9	27.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
85,0°	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87,5°	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
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

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2NC1F08HE EAN: 4069025078933	LP number 59457_401
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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2,5°	98.6	99.1	101.0	101.8	103.4	104.7	86.5	82.9	78.7	76.7	75.0	73.9	74.2
5,0°	124.8	126.6	127.6	127.5	131.0	134.0	86.1	81.9	78.6	77.6	76.4	73.4	71.8
7,5°	147.8	149.0	148.4	151.1	154.5	154.8	94.1	89.6	85.3	81.2	77.6	75.0	71.4
10,0°	165.9	172.0	175.7	184.2	188.3	186.6	98.1	92.3	86.7	81.0	76.7	73.6	68.8
12,5°	202.3	207.5	211.3	213.9	213.7	211.2	104.3	98.4	92.9	85.1	78.2	71.2	63.9
15,0°	225.4	231.4	234.6	245.0	251.8	249.7	113.0	102.9	93.9	86.9	79.3	68.6	59.2
17,5°	239.2	244.6	249.2	255.0	260.6	264.0	129.0	117.8	105.9	92.1	77.5	68.1	58.0
20,0°	275.0	280.6	283.6	284.2	284.2	285.2	138.4	118.6	101.1	89.2	75.4	65.6	58.1
22,5°	310.7	314.2	315.9	318.0	321.4	323.4	151.1	127.7	104.3	87.8	75.3	63.7	53.3
25,0°	341.5	337.6	342.8	348.8	350.3	352.4	160.0	132.2	103.5	88.2	70.6	57.9	50.1
27,5°	374.8	380.5	383.8	387.9	388.0	387.2	175.8	140.1	98.2	74.1	61.4	53.3	44.7
30,0°	379.5	393.7	407.6	411.8	416.2	419.4	184.6	142.5	99.5	73.6	57.7	48.7	38.8
32,5°	401.0	403.5	412.2	426.4	435.0	437.9	193.3	147.6	104.0	73.3	52.0	40.1	35.2
35,0°	419.2	422.4	422.5	435.6	445.7	448.7	186.7	143.1	99.2	66.6	45.2	35.4	29.5
37,5°	415.6	427.1	432.3	432.2	436.8	440.0	190.5	143.1	98.0	62.3	42.1	34.5	27.7
40,0°	400.5	406.3	413.2	412.8	409.8	408.8	203.0	153.5	96.5	55.6	37.1	30.1	23.0
42,5°	402.4	406.8	400.1	383.3	377.8	385.5	209.2	149.2	86.1	47.7	31.6	22.6	19.0
45,0°	383.4	377.9	365.8	363.7	358.0	348.1	205.7	134.1	71.5	41.1	30.5	22.9	20.5
47,5°	353.3	337.4	324.0	320.1	311.0	304.5	216.3	128.3	59.8	39.0	26.5	22.6	19.1
50,0°	320.4	304.1	287.9	281.2	270.4	271.6	232.3	136.7	54.2	32.9	22.4	18.1	14.6
52,5°	296.6	272.2	245.6	233.2	223.2	221.0	232.0	130.6	47.1	26.1	16.7	13.2	11.8
55,0°	263.0	239.0	214.4	195.3	190.2	195.0	233.6	129.2	49.6	25.2	16.6	12.9	10.2
57,5°	227.9	202.7	178.8	161.7	157.9	162.8	233.0	141.0	52.2	21.8	12.8	11.9	9.9
60,0°	196.3	165.8	147.0	132.3	126.4	124.4	242.3	145.8	57.7	27.6	18.5	13.7	11.9
62,5°	173.7	133.9	112.3	100.0	91.8	90.8	260.8	149.2	55.4	27.0	17.3	12.9	11.5
65,0°	162.4	123.5	92.0	75.5	67.7	66.1	276.7	153.3	50.7	24.0	20.2	14.9	10.8
67,5°	147.6	109.8	75.5	60.0	56.1	54.1	300.7	161.7	45.3	26.5	24.0	17.0	11.5
70,0°	114.6	67.0	38.1	28.1	28.5	29.3	285.9	151.3	44.0	31.3	26.4	19.3	14.1
72,5°	41.7	14.3	7.3	4.1	3.4	3.6	262.8	140.2	44.5	34.2	29.4	22.5	18.5
75,0°	1.2	0.0	0.0	0.0	0.0	0.0	249.7	130.7	39.3	34.0	27.6	23.6	19.6
77,5°	0.0	0.0	0.0	0.0	0.0	0.0	174.3	91.4	26.0	27.2	24.0	19.1	12.8
80,0°	0.0	0.0	0.0	0.0	0.0	0.0	70.5	37.2	13.0	14.3	12.9	6.6	2.7
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	13.4	6.6	2.7	3.4	2.6	0.6	0.0
85,0°	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
87,5°	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
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

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2NC1F08HE EAN: 4069025078933	LP number 59457_401
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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	0.1	0.1
2,5°	72.4	71.5	72.1	69.9	70.0	69.5	69.6	71.1	73.1	74.4	73.9	1.0	1.2
5,0°	69.8	67.0	66.8	66.5	65.8	65.0	63.6	63.8	64.7	65.0	65.3	2.2	3.3
7,5°	66.2	63.1	60.9	59.1	58.9	56.8	55.7	57.1	56.9	56.7	57.3	3.6	6.9
10,0°	63.9	60.2	57.2	55.3	51.9	47.8	47.7	48.7	48.0	49.2	50.9	5.0	11.9
12,5°	59.7	54.4	51.3	50.0	47.1	45.9	45.2	43.9	43.5	43.8	43.9	7.0	18.9
15,0°	52.0	47.6	45.9	43.8	44.1	43.2	40.8	40.7	40.5	39.4	39.3	9.3	28.2
17,5°	51.8	47.6	44.0	40.1	37.4	33.6	32.6	33.4	35.0	36.6	37.5	11.4	39.6
20,0°	52.3	46.9	42.0	35.9	33.2	30.6	29.2	29.0	29.7	31.7	32.1	14.3	53.9
22,5°	46.0	43.7	40.1	31.9	28.8	29.6	28.2	25.0	24.4	26.4	27.1	17.8	71.7
25,0°	43.9	40.8	37.1	29.8	26.1	24.8	22.4	19.8	18.8	19.1	18.9	21.1	92.7
27,5°	38.8	35.1	31.2	27.2	24.5	22.4	20.6	20.3	20.3	19.6	18.8	24.7	117.4
30,0°	32.0	30.1	27.9	24.3	23.8	24.5	21.8	19.2	19.4	21.4	22.9	28.5	145.9
32,5°	30.5	27.8	24.4	20.6	19.6	20.3	20.5	18.6	17.3	19.6	21.7	31.9	177.8
35,0°	25.0	23.6	21.5	18.1	17.1	17.2	15.9	15.8	16.6	16.1	15.4	34.6	212.4
37,5°	22.7	21.4	18.8	15.2	14.2	13.9	13.4	15.5	15.9	13.9	13.1	36.8	249.2
40,0°	18.9	17.9	16.1	14.6	14.4	12.2	12.0	14.1	13.7	12.2	11.9	38.8	288.0
42,5°	16.9	14.0	13.4	13.7	12.5	12.1	11.5	11.0	11.5	9.4	8.3	40.9	328.9
45,0°	16.6	13.6	12.4	13.6	14.8	13.9	10.8	9.7	11.1	8.3	6.2	42.7	371.5
47,5°	13.3	12.7	12.5	11.3	11.8	12.1	10.4	9.1	8.4	6.4	5.4	44.2	415.7
50,0°	11.2	9.0	9.4	9.3	9.3	9.6	8.6	8.0	8.3	6.6	4.5	45.0	460.7
52,5°	10.2	9.2	9.9	9.0	7.5	8.3	7.7	8.5	8.3	6.1	5.8	45.4	506.2
55,0°	9.1	8.7	6.8	5.8	5.7	6.1	6.5	6.7	6.2	5.1	4.7	47.1	553.2
57,5°	9.4	8.1	7.1	6.0	4.8	4.7	4.6	5.0	5.2	4.2	2.8	49.2	602.4
60,0°	10.5	7.0	5.8	5.7	5.0	4.9	3.8	4.1	4.0	3.1	2.7	52.7	655.1
62,5°	10.0	6.9	5.5	5.6	4.5	4.2	3.7	2.7	2.1	2.2	2.4	53.3	708.4
65,0°	10.1	7.2	6.2	5.5	3.3	3.6	3.8	2.5	1.6	1.3	1.3	54.2	762.6
67,5°	8.5	7.8	6.4	4.1	2.3	2.2	2.3	2.1	1.3	1.0	1.1	55.5	818.1
70,0°	9.4	7.8	5.7	3.1	2.3	1.5	1.2	1.4	0.9	0.6	0.8	54.6	872.7
72,5°	13.7	8.3	4.8	2.2	1.1	0.4	0.3	0.5	0.4	0.0	0.0	49.9	922.6
75,0°	13.4	5.5	1.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	41.2	963.8
77,5°	6.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	988.7
80,0°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	998.3
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1000.0
85,0°	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
87,5°	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
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

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2NC1F08HE EAN: 4069025078933	LP number 59457_401
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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	5740	63.6	67.2	65.4
95	241	252	5446	59.6	62.8	61.2
90	229	250	5175	55.9	58.9	57.4
85	216	248	4881	52.0	54.8	53.4
80	203	246	4587	48.3	50.9	49.6
75	190	243	4294	44.8	47.1	46.0
70	178	241	4023	41.6	43.8	42.7
65	165	238	3729	38.2	40.1	39.2
60	152	235	3435	34.9	36.7	35.8
55	140	232	3164	32.0	33.6	32.8
50	127	229	2870	28.9	30.3	29.6
45	114	225	2576	25.9	27.1	26.5
40	102	221	2305	23.2	24.3	23.8
35	89	216	2011	20.4	21.3	20.8
30	76	210	1717	17.6	18.4	18.0
25	63	203	1424	15.0	15.6	15.3
20	51	195	1153	12.6	13.1	12.8
15	38	184	859	10.1	10.5	10.3
10	25	169	565	7.6	7.9	7.8
9	22	164	497	6.9	7.2	7.0