



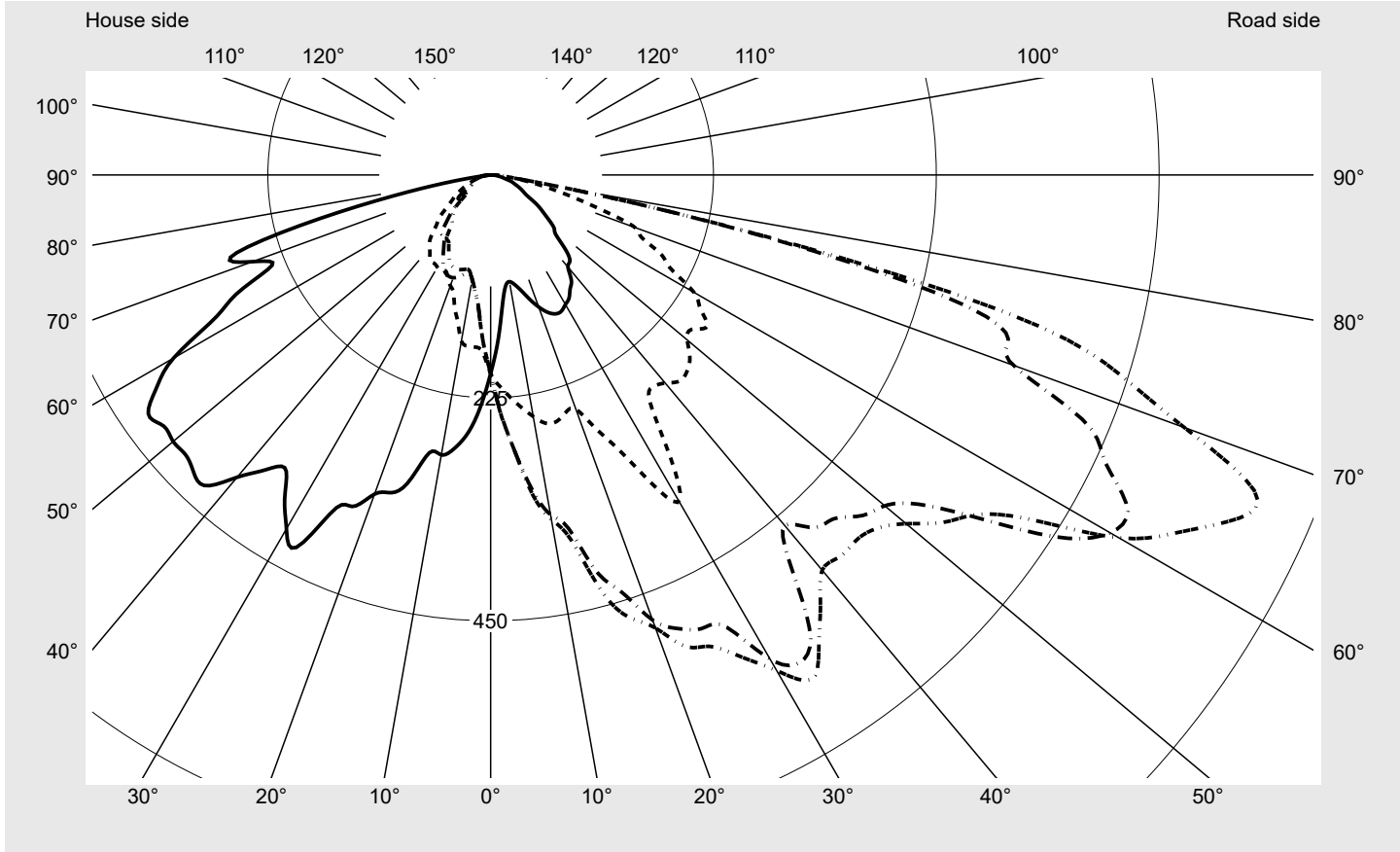
Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
	Version post-top or side-entry mounting Optic pedestrian crossing, asymmetric left distribution (PC-L) Cover transparent, PMMA Lamps LED 1800 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 4510 lm Power consumption = 54.1 W Luminous efficacy = 83.4 lm/W	serial documentation 28.11.2023





Luminous intensity in cd/klm C180-0 C270-90 C335-155 C340-160 **Imax: 835 cd/klm**



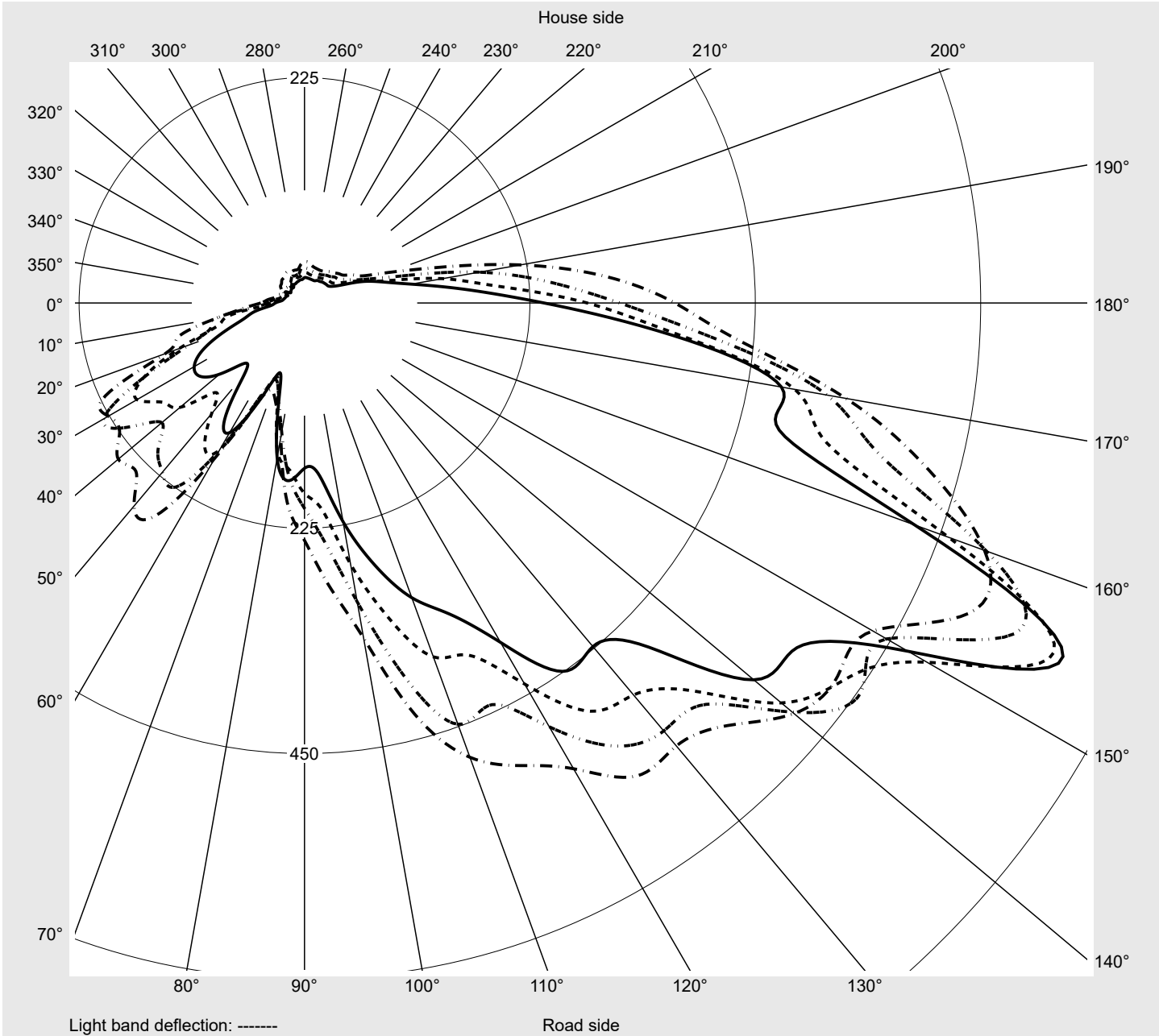
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	745.4
Imax 80°	99.8
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
γ	Luminous intensity in cd/klm													
0,0°	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4
2,5°	167.9	169.0	171.2	173.5	176.5	179.4	180.8	181.8	182.8	184.5	186.5	188.6	190.4	192.8
5,0°	133.9	135.1	138.4	141.8	146.7	150.0	153.9	156.7	161.6	166.9	172.0	176.7	183.4	189.8
7,5°	113.9	115.9	118.8	121.2	125.9	129.4	131.8	134.7	139.8	144.7	150.8	160.2	172.4	177.5
10,0°	109.4	112.0	114.3	116.5	120.0	124.1	126.9	129.0	134.3	141.4	145.7	150.6	157.1	165.1
12,5°	113.7	117.5	119.8	122.4	124.7	127.9	128.1	131.0	132.2	136.9	142.0	153.7	159.8	166.9
15,0°	121.4	126.7	129.2	131.8	133.0	134.5	134.1	134.7	136.1	139.0	141.8	150.4	161.6	167.7
17,5°	131.8	138.6	142.0	144.9	145.5	145.7	143.0	142.2	142.2	144.1	149.4	152.8	156.9	164.3
20,0°	141.8	150.6	155.3	158.1	158.8	158.1	154.9	151.4	150.6	151.4	154.7	154.7	157.5	163.7
22,5°	150.0	161.0	166.9	171.0	172.8	171.8	168.3	162.8	159.4	158.3	157.7	155.1	156.9	164.5
25,0°	154.7	167.3	174.9	180.8	183.7	184.1	180.8	174.3	168.8	165.1	160.6	157.1	157.9	164.7
27,5°	154.9	170.4	180.2	186.5	190.2	192.0	191.0	185.9	180.2	173.0	165.7	160.8	155.9	158.6
30,0°	151.0	167.9	181.6	191.8	195.1	197.1	197.5	194.1	188.8	181.2	173.2	164.1	157.3	158.8
32,5°	147.3	163.2	176.5	188.6	201.8	207.7	204.7	202.6	198.5	191.0	179.8	169.6	159.4	154.3
35,0°	140.0	159.4	177.1	188.3	193.7	206.9	219.6	214.7	206.7	200.0	189.8	175.3	162.4	154.5
37,5°	133.9	149.0	164.3	181.0	199.0	202.2	211.6	227.5	217.5	207.9	196.9	181.6	165.7	154.1
40,0°	121.4	144.1	162.8	178.3	183.9	201.6	218.1	223.6	234.9	218.8	205.7	188.3	167.1	151.6
42,5°	118.4	136.7	150.0	167.9	191.4	199.0	210.0	228.7	235.9	238.3	209.8	192.8	165.5	149.6
45,0°	107.5	125.7	147.1	173.9	190.4	192.6	215.3	224.3	248.1	243.9	223.0	191.8	165.9	144.7
47,5°	89.4	110.4	143.5	160.2	175.5	191.6	211.4	231.0	241.4	260.2	232.6	194.7	162.6	141.6
50,0°	83.7	103.7	124.1	160.8	170.6	191.4	211.6	230.2	249.6	260.4	251.0	204.1	161.8	136.3
52,5°	73.7	99.8	119.0	155.9	201.4	184.3	197.9	232.8	248.3	261.2	270.6	224.7	170.6	129.2
55,0°	63.9	86.7	113.7	151.4	207.9	211.4	202.4	221.2	245.9	266.5	270.4	239.6	177.9	136.9
57,5°	54.9	70.0	100.8	141.6	194.7	242.8	208.5	216.7	251.4	256.1	276.3	253.8	177.3	123.9
60,0°	43.7	61.6	90.6	130.2	147.9	219.2	226.1	225.3	242.6	237.9	264.7	259.6	178.8	108.2
62,5°	37.8	51.2	90.4	96.9	123.0	178.6	231.6	216.5	185.9	206.7	220.8	224.5	169.6	100.8
65,0°	33.7	45.9	78.4	90.8	133.0	177.7	193.0	172.8	162.2	126.5	144.3	173.7	169.2	104.9
67,5°	29.2	34.9	51.2	63.7	86.9	112.6	127.1	127.5	110.6	85.5	93.9	136.9	149.6	109.4
70,0°	25.1	27.3	32.9	43.1	50.2	71.6	75.3	79.2	69.2	73.3	67.3	106.1	116.3	92.0
72,5°	21.6	23.1	25.1	26.5	29.6	34.9	49.6	49.8	55.3	58.6	47.1	63.7	63.9	64.7
75,0°	15.9	17.3	20.8	21.4	23.3	25.3	29.6	36.7	39.2	40.6	38.4	38.8	35.7	46.1
77,5°	12.7	13.7	15.7	16.9	18.4	19.8	22.9	23.5	25.5	26.9	29.0	29.0	29.0	24.9
80,0°	9.8	10.6	11.4	12.9	13.9	14.9	16.9	17.1	18.2	19.4	18.4	19.8	20.6	19.0
82,5°	7.3	7.8	8.6	9.2	10.0	10.8	11.8	12.0	12.7	12.9	12.9	13.5	12.7	13.3
85,0°	5.1	5.5	5.9	6.3	6.7	7.1	7.3	7.8	8.0	8.0	8.0	8.2	7.8	8.4
87,5°	2.4	2.7	2.7	2.9	3.1	3.3	3.3	3.5	3.5	3.7	3.7	3.7	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	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	0.0

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
Table of values for luminous intensities		Maximum luminous intensity

siteco

C-planes	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
γ	Luminous intensity in cd/klm													
0,0°	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4
2,5°	196.3	201.2	205.1	209.4	213.6	217.7	220.2	222.6	225.1	228.3	231.0	231.6	232.8	233.0
5,0°	197.7	207.7	214.1	221.2	225.1	230.8	237.5	248.1	261.8	272.0	279.2	286.1	290.2	294.5
7,5°	188.6	200.4	215.3	225.9	236.5	254.7	268.3	283.4	291.4	305.1	324.0	337.3	344.7	341.6
10,0°	181.0	195.7	210.8	228.3	247.5	265.1	294.3	318.7	346.3	370.4	380.4	382.2	387.1	392.6
12,5°	180.2	199.4	216.5	230.2	256.7	277.3	294.3	333.8	357.9	365.9	380.2	399.3	410.4	401.8
15,0°	178.8	196.9	220.8	241.8	257.5	272.0	302.6	323.4	347.5	372.4	387.3	405.1	418.1	426.9
17,5°	176.5	190.4	208.1	227.7	251.6	265.1	297.7	317.7	347.5	377.7	401.4	426.5	459.7	479.3
20,0°	171.8	192.0	212.4	242.2	251.6	282.6	323.0	328.7	367.1	404.0	449.1	469.5	491.2	502.6
22,5°	176.9	196.7	223.2	253.8	276.7	295.7	328.1	351.2	386.3	457.3	492.8	523.0	517.5	522.2
25,0°	173.2	194.7	231.6	270.6	305.9	317.9	341.0	386.3	430.8	472.4	517.7	540.3	552.4	558.7
27,5°	170.6	192.4	237.9	307.5	349.8	368.5	385.3	434.2	475.5	523.2	555.0	566.1	614.4	640.7
30,0°	164.5	183.2	227.9	291.0	380.6	377.3	411.6	476.5	518.7	534.2	565.4	601.8	647.9	649.5
32,5°	158.3	177.7	209.2	265.3	337.5	338.3	409.1	502.0	548.3	579.3	608.3	657.7	686.7	673.8
35,0°	154.9	167.9	187.3	235.3	280.8	327.3	418.7	514.6	594.0	635.8	669.3	716.7	733.4	719.9
37,5°	153.2	162.4	175.9	214.7	269.4	337.1	427.3	508.1	602.4	678.3	729.7	772.4	773.8	741.8
40,0°	147.5	158.1	169.4	202.4	274.3	351.8	456.3	540.1	627.3	693.2	736.9	783.8	768.9	792.2
42,5°	142.6	155.7	168.6	201.2	282.2	373.4	489.3	560.3	625.2	689.7	716.7	754.0	786.8	747.5
45,0°	138.6	149.8	165.7	206.1	280.4	372.4	494.4	555.9	648.9	678.5	729.5	741.1	764.8	757.7
47,5°	135.7	144.1	167.7	204.7	272.8	363.6	474.6	546.1	636.0	674.4	718.9	731.3	744.4	723.6
50,0°	130.0	137.9	169.6	212.8	259.2	340.6	447.3	513.8	596.1	666.5	687.5	716.2	718.5	679.5
52,5°	121.8	129.4	161.0	207.7	256.1	319.1	403.4	493.8	585.6	636.5	659.5	686.0	685.6	657.1
55,0°	114.7	124.5	163.2	222.0	266.7	305.5	382.6	485.3	576.9	597.1	625.4	632.4	641.6	628.3
57,5°	105.1	118.2	150.6	208.5	251.0	309.8	344.9	471.8	528.7	557.5	567.1	608.7	599.9	604.8
60,0°	93.5	107.5	136.5	199.4	237.1	283.8	340.0	425.3	482.8	509.7	537.1	576.9	577.5	596.9
62,5°	82.0	99.2	131.0	174.7	205.1	241.0	303.0	386.5	447.7	442.6	488.7	540.1	557.9	566.9
65,0°	79.0	104.1	152.6	167.7	190.2	208.1	264.9	326.1	376.1	388.1	439.3	497.7	511.0	547.7
67,5°	74.5	97.7	157.1	178.1	165.1	173.2	221.8	271.0	313.2	342.8	391.4	449.1	447.9	486.1
70,0°	73.9	83.3	127.1	166.1	155.3	146.5	179.4	226.9	255.1	291.0	324.2	392.2	401.0	436.5
72,5°	49.2	47.5	83.9	115.3	118.6	116.5	133.0	181.6	190.2	217.5	259.4	302.8	319.4	364.2
75,0°	29.6	31.4	44.3	67.1	85.1	92.6	107.5	128.4	129.2	162.4	216.7	273.2	266.7	250.4
77,5°	24.3	25.3	29.8	42.6	58.8	66.5	79.2	89.8	91.8	116.9	156.5	205.1	193.4	169.0
80,0°	19.0	20.6	21.4	27.1	38.0	43.7	54.9	61.4	64.7	68.4	86.7	98.5	77.7	98.5
82,5°	16.1	15.5	14.5	17.3	23.1	28.4	34.1	39.0	41.6	41.4	41.6	40.0	33.9	35.7
85,0°	10.0	8.4	7.1	8.8	11.6	15.3	17.8	20.0	22.0	21.4	18.8	16.5	14.3	12.7
87,5°	3.1	3.3	2.7	2.9	3.9	4.7	6.1	7.8	7.8	7.3	6.7	6.5	6.5	6.7
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	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	0.0

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
Table of values for luminous intensities		Maximum luminous intensity

siteco

C-planes	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
γ	Luminous intensity in cd/klm													
0,0°	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4
2,5°	235.3	237.7	241.0	242.8	241.6	240.8	237.3	234.9	234.1	227.3	224.3	222.0	219.2	215.1
5,0°	292.2	284.7	280.4	280.2	280.2	280.4	280.2	274.7	261.2	251.2	241.6	235.5	231.8	227.3
7,5°	337.7	334.2	330.8	325.7	320.2	312.2	296.7	285.5	278.1	269.8	260.4	249.4	243.0	238.1
10,0°	385.5	377.7	367.9	353.0	348.1	333.2	317.5	306.5	286.9	273.8	263.6	251.4	241.0	234.9
12,5°	396.5	397.1	389.1	378.3	366.3	341.4	325.9	311.6	287.5	272.0	258.5	244.3	234.1	226.1
15,0°	437.7	454.0	454.0	436.1	415.1	395.9	375.3	348.3	321.0	295.7	281.2	262.4	237.5	219.2
17,5°	496.7	492.8	490.4	468.7	442.0	420.2	394.9	373.0	336.3	298.3	277.9	262.4	241.6	222.0
20,0°	509.9	516.5	499.3	486.7	478.1	451.8	414.0	381.8	342.8	312.6	299.6	269.8	231.2	213.6
22,5°	523.0	528.3	527.7	515.2	495.7	462.8	420.0	388.5	362.2	323.2	287.5	267.9	236.3	212.2
25,0°	591.8	571.6	554.8	525.0	505.0	494.0	474.6	427.1	372.0	328.3	300.6	259.8	224.7	200.8
27,5°	634.2	613.0	576.5	548.5	514.0	496.1	493.6	473.2	423.4	358.5	306.3	262.4	231.8	203.9
30,0°	622.2	609.5	620.1	577.7	564.4	545.0	479.7	439.7	412.4	357.3	304.0	260.6	227.3	200.6
32,5°	661.1	654.6	636.5	603.4	582.8	557.3	500.6	449.1	387.1	353.6	309.4	259.8	229.2	197.9
35,0°	685.4	639.3	638.5	577.9	562.0	492.2	441.8	404.6	361.6	339.8	303.6	254.9	221.0	195.5
37,5°	690.1	660.1	599.9	547.1	498.1	448.7	418.1	403.4	375.7	361.2	333.4	262.4	232.0	194.3
40,0°	724.4	662.4	580.1	520.8	462.0	438.5	417.9	408.5	398.3	366.5	346.7	262.6	226.9	186.3
42,5°	718.5	635.0	558.7	522.4	482.8	445.5	428.3	426.5	425.5	386.5	343.8	274.3	231.8	168.1
45,0°	697.5	603.2	563.4	521.8	490.6	464.6	437.7	435.9	424.2	405.9	333.6	288.9	221.8	144.1
47,5°	654.4	596.5	572.0	528.3	508.9	480.4	448.5	426.1	417.9	405.9	339.1	287.3	203.9	127.5
50,0°	642.0	607.3	586.9	547.7	519.5	489.3	481.0	440.6	418.5	398.9	336.7	268.9	180.6	114.5
52,5°	649.7	628.7	598.9	576.1	546.3	507.7	490.4	441.6	416.3	401.2	318.1	255.7	144.5	101.0
55,0°	618.7	641.6	620.3	597.9	605.4	548.3	494.0	451.2	421.8	390.0	303.2	237.3	111.8	88.4
57,5°	637.3	633.2	630.5	647.5	680.9	614.8	545.7	460.2	400.2	352.8	257.5	196.1	108.2	74.5
60,0°	637.9	649.7	655.0	732.6	722.4	645.4	548.9	436.5	369.8	302.4	219.0	136.9	89.0	64.1
62,5°	635.6	678.1	670.9	781.7	724.4	597.7	529.7	412.4	314.7	244.1	177.1	106.5	70.6	54.5
65,0°	621.4	656.9	717.5	825.4	684.4	539.7	497.1	378.3	282.2	193.2	140.0	86.1	64.9	50.2
67,5°	585.4	600.1	695.6	835.4	648.3	490.6	483.4	368.1	239.2	159.0	108.4	81.0	62.9	43.7
70,0°	510.8	559.9	645.6	745.4	561.4	494.8	476.9	379.3	255.9	158.6	93.5	72.2	52.4	34.7
72,5°	396.5	464.8	568.7	663.8	547.9	489.1	448.3	380.6	275.1	162.2	86.1	61.8	37.5	28.2
75,0°	283.4	345.7	487.3	543.6	476.7	434.2	388.5	315.3	204.5	90.0	57.7	48.4	25.3	22.9
77,5°	172.8	199.0	248.5	275.5	266.1	278.1	224.7	180.8	112.2	64.3	41.6	33.3	20.0	16.7
80,0°	98.7	99.8	99.1	82.4	82.0	96.9	72.4	55.1	47.7	29.0	24.1	21.6	15.9	10.4
82,5°	37.8	41.6	31.6	23.5	21.4	18.4	15.9	14.1	12.2	11.0	9.6	8.4	7.6	6.9
85,0°	12.0	12.0	12.0	12.0	11.4	10.8	9.8	8.8	8.0	6.7	5.9	5.1	4.7	4.3
87,5°	7.1	7.3	7.6	7.6	7.1	6.7	6.1	5.3	3.5	4.1	3.5	3.1	2.7	2.2
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	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	0.0

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
γ	Luminous intensity in cd/klm													
0,0°	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4
2,5°	210.8	209.0	206.3	204.5	201.4	199.4	196.3	192.8	189.2	186.5	184.5	182.6	179.6	177.1
5,0°	223.4	220.8	213.6	205.1	197.3	190.0	184.5	181.4	179.8	179.0	177.5	176.7	174.5	172.4
7,5°	230.6	225.3	219.0	211.6	196.3	190.0	188.3	185.7	179.8	173.2	169.8	174.7	174.3	173.7
10,0°	232.4	227.9	226.7	218.1	198.8	189.8	178.3	171.2	170.2	169.8	170.4	168.8	170.2	165.1
12,5°	220.8	218.1	206.9	202.0	179.8	170.6	164.7	163.7	158.6	158.3	156.1	157.3	152.6	147.7
15,0°	209.4	203.9	196.9	184.5	165.1	159.6	149.0	149.6	148.8	146.5	143.9	143.2	139.8	128.8
17,5°	205.9	191.8	182.0	179.6	172.6	155.1	146.9	141.8	139.2	135.7	129.4	126.7	124.9	121.2
20,0°	199.2	184.9	176.9	171.6	168.8	161.2	151.6	142.4	134.9	126.3	121.4	118.8	119.0	111.0
22,5°	190.8	175.7	161.4	156.7	156.5	152.6	149.4	141.2	134.3	131.0	123.3	118.6	112.8	99.0
25,0°	182.8	165.9	152.6	143.7	138.4	134.1	136.1	132.6	127.7	132.4	124.5	116.3	107.1	97.1
27,5°	177.3	158.8	145.1	136.7	129.6	123.9	119.8	119.4	119.2	122.6	118.4	117.1	108.4	97.3
30,0°	172.8	154.3	142.8	130.8	122.8	115.9	111.0	114.5	116.9	112.2	114.7	114.3	107.5	100.4
32,5°	173.7	150.8	135.5	125.3	115.1	107.3	103.1	105.9	106.1	100.8	106.7	108.2	105.9	103.1
35,0°	165.1	138.8	127.5	113.5	105.5	98.4	94.7	94.3	97.3	92.4	95.5	104.5	105.9	100.8
37,5°	150.6	127.9	116.9	105.3	94.5	87.9	85.7	85.7	87.1	84.1	84.5	97.9	100.8	95.5
40,0°	135.3	116.7	105.9	93.9	84.7	78.2	76.3	78.2	79.8	76.9	77.5	84.9	95.9	90.8
42,5°	129.0	109.8	96.5	84.1	76.3	71.0	70.2	71.2	71.4	70.8	72.6	79.6	91.4	87.3
45,0°	121.2	102.0	90.0	76.9	70.2	66.1	64.9	64.9	65.3	66.3	69.4	73.3	82.8	80.4
47,5°	112.0	97.3	82.6	72.6	65.9	61.6	60.0	60.2	60.2	62.0	67.7	70.0	73.9	74.7
50,0°	100.2	89.4	76.1	66.3	61.4	57.1	55.3	54.5	55.3	56.9	61.8	63.3	68.4	65.7
52,5°	89.6	79.0	67.5	60.8	56.1	52.4	50.0	49.4	50.2	51.8	56.9	55.5	58.8	57.1
55,0°	77.3	68.2	59.6	54.5	51.0	47.7	45.3	44.7	45.3	46.9	49.4	50.8	50.6	52.2
57,5°	64.9	57.3	51.8	48.8	45.9	43.3	40.8	40.4	40.6	41.6	43.7	46.9	45.1	44.1
60,0°	56.1	48.4	45.3	42.4	40.6	38.4	36.7	36.1	36.3	36.9	38.6	41.0	40.8	39.0
62,5°	47.1	41.4	40.0	37.1	35.7	34.1	32.6	32.2	32.0	32.4	33.3	34.5	35.1	34.9
65,0°	40.2	34.7	33.3	32.4	31.2	30.0	29.2	28.6	28.2	28.6	29.0	30.2	30.2	28.4
67,5°	33.5	29.4	28.6	28.0	27.3	26.3	25.9	24.5	24.3	24.5	24.9	25.3	25.3	23.7
70,0°	27.8	24.7	24.1	23.7	23.3	22.9	22.4	21.0	20.8	21.0	21.2	21.8	21.0	20.2
72,5°	23.3	20.2	19.8	19.4	19.6	19.8	19.2	18.2	17.5	17.3	17.3	18.0	17.1	16.3
75,0°	17.8	16.5	15.7	15.5	15.9	16.5	16.3	15.1	14.7	14.3	14.1	14.1	13.5	13.3
77,5°	13.3	12.7	12.0	12.0	12.9	13.3	13.3	12.0	11.4	11.2	11.2	10.8	10.4	10.2
80,0°	9.6	9.2	8.8	8.8	9.4	10.0	9.8	9.2	8.6	8.4	8.4	8.0	7.3	6.7
82,5°	6.5	6.3	5.9	5.9	6.1	6.3	6.7	6.3	5.7	5.5	5.7	5.5	4.7	3.5
85,0°	3.9	3.7	3.5	3.5	3.3	3.3	3.3	3.3	3.3	3.3	2.7	2.9	2.9	2.4
87,5°	2.0	1.8	1.6	1.6	1.6	1.4	1.4	1.4	1.2	1.2	1.0	1.0	0.8	1.0
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	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	0.0

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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C-planes	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
γ	Luminous intensity in cd/klm													
0,0°	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4
2,5°	176.7	177.9	178.8	179.6	179.6	180.4	180.4	178.3	175.3	172.8	170.6	169.8	169.8	169.2
5,0°	170.2	169.2	169.0	168.1	167.7	165.1	156.1	148.4	142.8	140.0	138.4	137.9	136.3	135.3
7,5°	173.0	168.1	159.8	151.8	140.4	129.6	126.3	125.3	124.9	121.2	120.2	119.6	118.8	117.1
10,0°	159.6	156.3	147.7	130.6	124.9	122.6	120.8	116.9	112.6	109.6	108.8	107.7	106.7	106.7
12,5°	141.2	137.7	129.4	120.6	116.5	106.7	102.8	100.4	100.4	99.2	96.7	99.0	101.6	105.1
15,0°	124.9	119.6	110.4	103.3	90.2	87.7	85.9	85.1	85.9	88.2	92.6	98.6	103.9	108.8
17,5°	111.8	100.6	88.6	78.8	75.7	75.7	75.3	76.7	80.4	86.5	93.5	100.2	107.7	114.5
20,0°	94.3	84.3	77.5	72.6	69.4	67.7	69.0	72.4	77.7	84.7	92.4	101.2	110.4	119.2
22,5°	90.2	79.2	70.6	69.0	65.7	65.3	65.3	68.2	73.7	81.0	90.8	100.2	110.6	121.6
25,0°	86.7	76.1	71.6	69.4	65.3	62.6	62.0	63.7	69.2	77.3	86.9	97.3	108.6	121.8
27,5°	88.4	77.5	71.8	70.0	67.3	61.2	57.1	59.8	65.1	73.1	82.0	91.0	103.5	120.2
30,0°	89.6	77.7	73.5	71.0	66.5	59.8	56.9	57.5	61.4	71.8	78.4	84.7	96.1	110.8
32,5°	92.8	76.3	72.8	68.0	63.5	59.8	58.2	58.2	59.2	63.9	70.8	79.4	88.4	104.5
35,0°	86.7	75.9	71.6	63.9	63.5	60.4	60.4	58.8	57.5	58.2	64.5	77.5	81.8	98.4
37,5°	82.4	78.8	72.0	64.5	62.4	60.8	61.4	63.5	57.7	53.7	56.5	66.1	77.1	89.4
40,0°	81.4	77.3	73.3	66.7	61.8	58.2	58.0	60.8	58.4	53.3	55.3	60.8	76.9	79.8
42,5°	78.6	70.8	71.6	65.3	61.4	58.8	57.1	58.4	62.4	64.3	56.9	58.2	68.2	76.5
45,0°	71.0	65.9	65.1	59.6	59.0	58.0	55.7	58.4	68.0	68.4	52.2	51.8	59.2	67.7
47,5°	65.3	61.4	58.8	56.3	53.1	48.6	58.2	68.4	68.2	57.5	50.0	48.0	51.2	64.7
50,0°	58.6	59.4	55.1	52.2	49.6	52.4	66.3	81.4	61.0	48.4	42.9	37.1	42.4	51.4
52,5°	51.4	53.3	50.6	48.4	47.3	61.0	74.9	66.1	48.4	40.6	34.9	31.8	40.6	43.5
55,0°	44.7	46.5	45.3	44.1	55.1	71.4	65.9	56.3	40.4	31.6	31.2	34.1	39.8	38.6
57,5°	39.8	39.8	39.2	40.4	46.7	51.8	49.0	41.4	34.7	29.4	28.0	30.0	33.5	31.4
60,0°	34.7	34.1	34.1	33.9	35.5	33.5	32.4	32.0	30.0	29.2	26.5	25.3	25.7	29.2
62,5°	30.2	29.2	28.8	29.2	26.5	25.1	25.3	23.3	23.7	22.9	23.9	22.2	21.6	23.7
65,0°	26.7	26.3	24.3	24.3	23.5	22.2	20.8	21.4	20.2	19.8	21.4	19.6	20.2	21.4
67,5°	23.5	22.7	22.0	21.2	21.0	19.0	19.2	18.6	17.8	17.8	22.0	18.6	19.2	20.0
70,0°	19.4	19.6	19.2	18.4	17.5	16.7	16.1	15.9	15.9	16.5	19.8	17.5	18.0	18.6
72,5°	16.1	16.3	16.1	15.1	14.7	14.5	14.1	14.1	14.3	14.9	15.9	15.7	15.9	16.3
75,0°	13.1	13.3	13.3	12.4	12.4	12.2	12.2	12.2	12.4	12.9	13.3	13.5	13.9	14.1
77,5°	10.0	10.6	10.6	10.0	10.0	10.0	10.0	10.0	10.2	10.6	10.8	11.0	11.2	11.4
80,0°	7.1	7.8	8.0	7.6	7.6	7.6	7.6	7.8	8.0	8.2	8.4	8.6	8.6	8.8
82,5°	4.5	5.7	5.3	5.3	5.3	5.5	5.7	5.7	5.9	6.1	6.1	6.3	6.5	6.7
85,0°	2.9	3.1	3.3	3.3	3.5	3.7	3.9	4.1	4.1	4.3	4.5	4.5	4.5	4.7
87,5°	1.2	1.4	1.6	1.8	2.0	2.2	2.2	2.2	2.4	2.4	2.4	2.4	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	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	0.0

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
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Table of values for luminous intensities	Maximum luminous intensity	sITeco
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C-planes	350°	355°	Phi-zone	Total Phi-zone
Luminous intensity in cd / Luminous flux in lm/klm				
0,0°	200.4	200.4	0.3	0.3
2,5°	168.6	167.9	2.4	2.7
5,0°	134.5	133.7	4.8	7.5
7,5°	115.3	113.5	7.3	14.8
10,0°	107.3	107.3	9.9	24.7
12,5°	107.5	110.2	12.2	36.9
15,0°	113.3	116.7	14.9	51.8
17,5°	120.8	125.5	17.6	69.4
20,0°	127.5	134.1	20.6	90.0
22,5°	132.2	140.8	23.7	113.6
25,0°	134.3	144.7	27.0	140.6
27,5°	132.0	142.8	30.9	171.5
30,0°	125.5	138.6	33.9	205.4
32,5°	125.1	135.7	36.8	242.2
35,0°	115.9	126.9	38.9	281.1
37,5°	109.4	122.2	41.1	322.3
40,0°	97.1	109.0	43.3	365.6
42,5°	87.7	103.3	45.3	410.9
45,0°	76.1	92.0	46.9	457.9
47,5°	65.9	80.0	47.9	505.7
50,0°	57.1	70.6	48.6	554.3
52,5°	48.8	56.9	49.2	603.5
55,0°	44.5	51.0	49.8	653.4
57,5°	36.1	44.3	49.8	703.1
60,0°	30.6	36.9	48.9	752.0
62,5°	25.9	31.8	46.3	798.4
65,0°	23.5	27.5	43.5	841.8
67,5°	21.2	23.5	39.4	881.2
70,0°	19.2	20.4	35.2	916.3
72,5°	16.7	17.5	29.9	946.3
75,0°	14.5	15.1	23.8	970.0
77,5°	11.6	12.0	15.3	985.4
80,0°	9.0	9.4	7.8	993.2
82,5°	6.7	6.9	3.8	997.0
85,0°	4.7	4.9	2.0	999.1
87,5°	2.4	2.4	0.9	1000.0
90,0°	0.0	0.0	0.0	1000.0
180,0°	0.0	0.0	0.0	1000.0

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2E11G08HE EAN: 4058352991176	LP number 58931_207
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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	4510	54.1	56.2	55.2
95	241	252	4279	50.6	52.5	51.6
90	229	250	4066	47.5	49.3	48.4
85	216	248	3835	44.3	46.0	45.2
80	203	246	3604	41.1	42.7	41.9
75	190	243	3374	38.1	39.5	38.8
70	178	241	3161	35.4	36.7	36.0
65	165	238	2930	32.5	33.7	33.1
60	152	235	2699	29.7	30.8	30.2
55	140	232	2486	27.3	28.3	27.8
50	127	229	2255	24.6	25.5	25.0
45	114	225	2024	22.0	22.8	22.4
40	102	221	1811	19.7	20.4	20.0
35	89	216	1580	17.2	17.8	17.5
30	76	210	1349	14.9	15.4	15.2
25	63	203	1119	12.6	13.0	12.8
20	51	195	906	10.5	10.8	10.6
15	38	184	675	8.2	8.5	8.4
14	36	182	639	7.9	8.1	8.0