

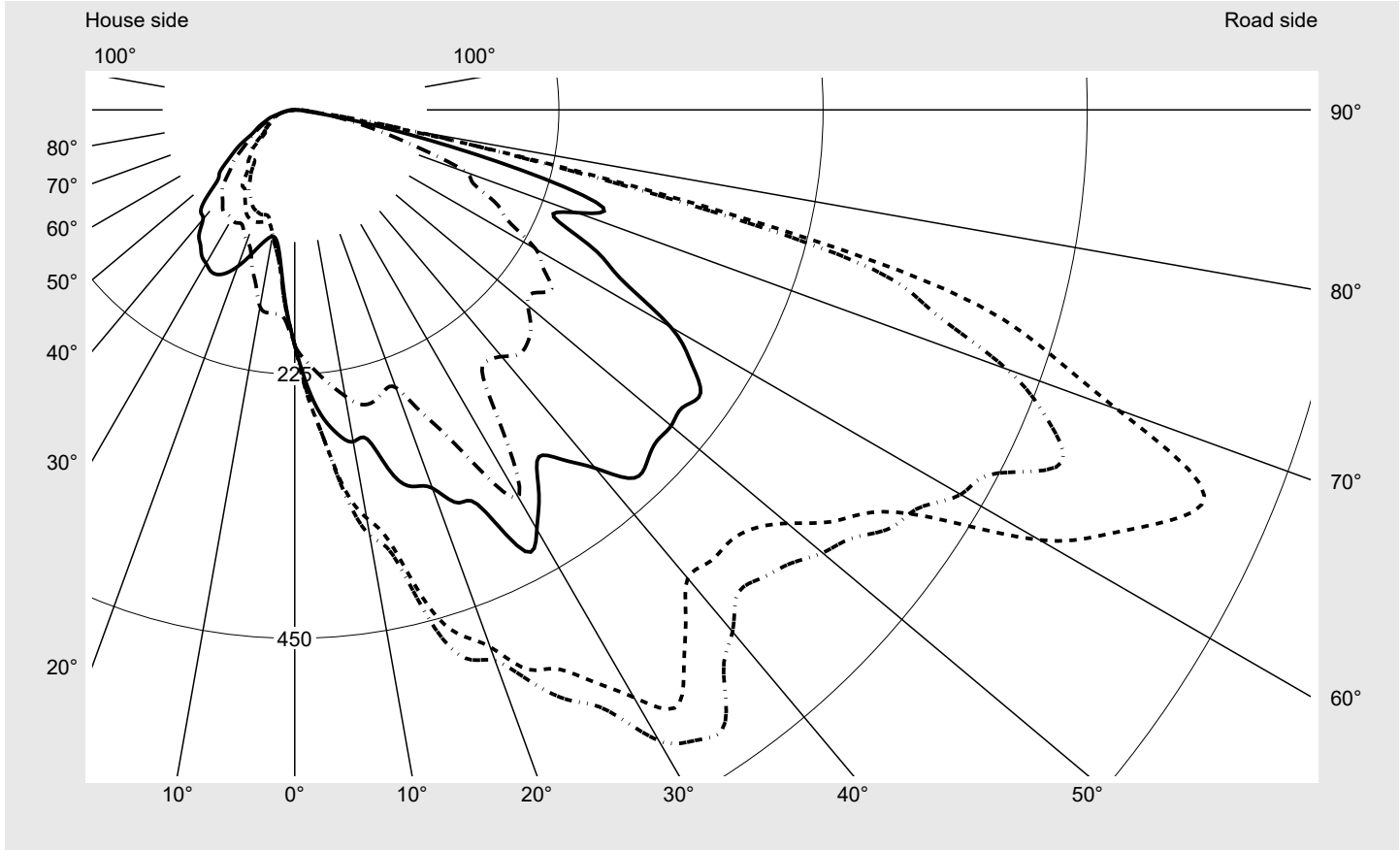
Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
	Version post-top or side-entry mounting, Smart Interface up/down Optic pedestrian crossing, asymmetric right distribution (PC-R) Cover transparent, PMMA Lamps LED 1800 K CRI ≥ 70 Controlgear ECG SITECO iQ - DALI2 Rated values Net luminous flux = 4490 lm Power consumption = 58.3 W Luminous efficacy = 77 lm/W	serial documentation 27.07.2023





Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 835 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:	G3
Imax 70°	745.4
Imax 80°	99.8
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

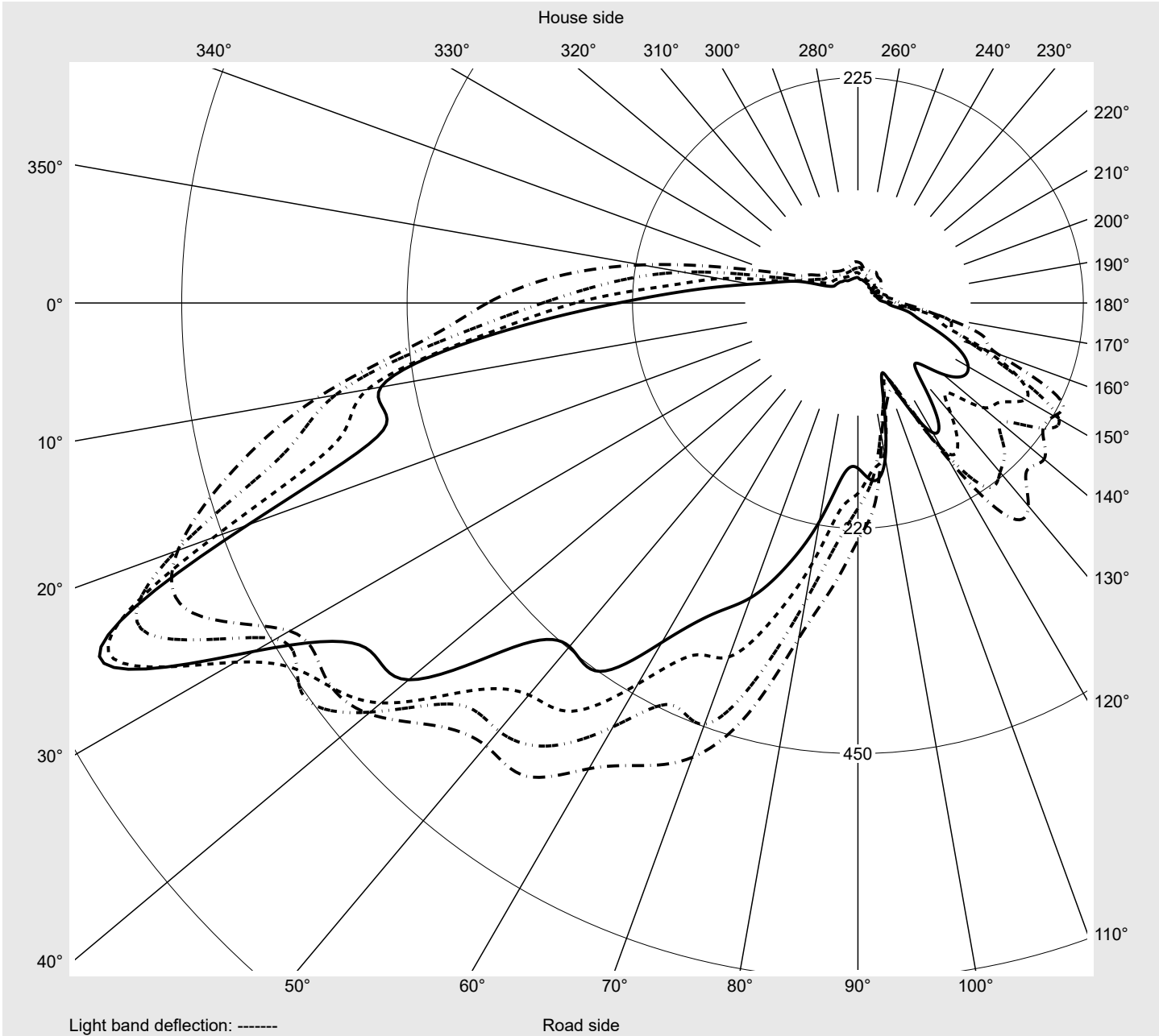
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
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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: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
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°	234.1	234.9	237.3	240.8	241.6	242.8	241.0	237.7	235.3	233.0	232.8	231.6	231.0	228.3
5,0°	261.2	274.7	280.2	280.4	280.2	280.2	280.4	284.7	292.2	294.5	290.2	286.1	279.2	272.0
7,5°	278.1	285.5	296.7	312.2	320.2	325.7	330.8	334.2	337.7	341.6	344.7	337.3	324.0	305.1
10,0°	286.9	306.5	317.5	333.2	348.1	353.0	367.9	377.7	385.5	392.6	387.1	382.2	380.4	370.4
12,5°	287.5	311.6	325.9	341.4	366.3	378.3	389.1	397.1	396.5	401.8	410.4	399.3	380.2	365.9
15,0°	321.0	348.3	375.3	395.9	415.1	436.1	454.0	454.0	437.7	426.9	418.1	405.1	387.3	372.4
17,5°	336.3	373.0	394.9	420.2	442.0	468.7	490.4	492.8	496.7	479.3	459.7	426.5	401.4	377.7
20,0°	342.8	381.8	414.0	451.8	478.1	486.7	499.3	516.5	509.9	502.6	491.2	469.5	449.1	404.0
22,5°	362.2	388.5	420.0	462.8	495.7	515.2	527.7	528.3	523.0	522.2	517.5	523.0	492.8	457.3
25,0°	372.0	427.1	474.6	494.0	505.0	525.0	554.8	571.6	591.8	558.7	552.4	540.3	517.7	472.4
27,5°	423.4	473.2	493.6	496.1	514.0	548.5	576.5	613.0	634.2	640.7	614.4	566.1	555.0	523.2
30,0°	412.4	439.7	479.7	545.0	564.4	577.7	620.1	609.5	622.2	649.5	647.9	601.8	565.4	534.2
32,5°	387.1	449.1	500.6	557.3	582.8	603.4	636.5	654.6	661.1	673.8	686.7	657.7	608.3	579.3
35,0°	361.6	404.6	441.8	492.2	562.0	577.9	638.5	639.3	685.4	719.9	733.4	716.7	669.3	635.8
37,5°	375.7	403.4	418.1	448.7	498.1	547.1	599.9	660.1	690.1	741.8	773.8	772.4	729.7	678.3
40,0°	398.3	408.5	417.9	438.5	462.0	520.8	580.1	662.4	724.4	792.2	768.9	783.8	736.9	693.2
42,5°	425.5	426.5	428.3	445.5	482.8	522.4	558.7	635.0	718.5	747.5	786.8	754.0	716.7	689.7
45,0°	424.2	435.9	437.7	464.6	490.6	521.8	563.4	603.2	697.5	757.7	764.8	741.1	729.5	678.5
47,5°	417.9	426.1	448.5	480.4	508.9	528.3	572.0	596.5	654.4	723.6	744.4	731.3	718.9	674.4
50,0°	418.5	440.6	481.0	489.3	519.5	547.7	586.9	607.3	642.0	679.5	718.5	716.2	687.5	666.5
52,5°	416.3	441.6	490.4	507.7	546.3	576.1	598.9	628.7	649.7	657.1	685.6	686.0	659.5	636.5
55,0°	421.8	451.2	494.0	548.3	605.4	597.9	620.3	641.6	618.7	628.3	641.6	632.4	625.4	597.1
57,5°	400.2	460.2	545.7	614.8	680.9	647.5	630.5	633.2	637.3	604.8	599.9	608.7	567.1	557.5
60,0°	369.8	436.5	548.9	645.4	722.4	732.6	655.0	649.7	637.9	596.9	577.5	576.9	537.1	509.7
62,5°	314.7	412.4	529.7	597.7	724.4	781.7	670.9	678.1	635.6	566.9	557.9	540.1	488.7	442.6
65,0°	282.2	378.3	497.1	539.7	684.4	825.4	717.5	656.9	621.4	547.7	511.0	497.7	439.3	388.1
67,5°	239.2	368.1	483.4	490.6	648.3	835.4	695.6	600.1	585.4	486.1	447.9	449.1	391.4	342.8
70,0°	255.9	379.3	476.9	494.8	561.4	745.4	645.6	559.9	510.8	436.5	401.0	392.2	324.2	291.0
72,5°	275.1	380.6	448.3	489.1	547.9	663.8	568.7	464.8	396.5	364.2	319.4	302.8	259.4	217.5
75,0°	204.5	315.3	388.5	434.2	476.7	543.6	487.3	345.7	283.4	250.4	266.7	273.2	216.7	162.4
77,5°	112.2	180.8	224.7	278.1	266.1	275.5	248.5	199.0	172.8	169.0	193.4	205.1	156.5	116.9
80,0°	47.7	55.1	72.4	96.9	82.0	82.4	99.1	99.8	98.7	98.5	77.7	98.5	86.7	68.4
82,5°	12.2	14.1	15.9	18.4	21.4	23.5	31.6	41.6	37.8	35.7	33.9	40.0	41.6	41.4
85,0°	8.0	8.8	9.8	10.8	11.4	12.0	12.0	12.0	12.0	12.7	14.3	16.5	18.8	21.4
87,5°	3.5	5.3	6.1	6.7	7.1	7.6	7.6	7.3	7.1	6.7	6.5	6.5	6.7	7.3
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: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
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°	225.1	222.6	220.2	217.7	213.6	209.4	205.1	201.2	196.3	192.8	190.4	188.6	186.5	184.5
5,0°	261.8	248.1	237.5	230.8	225.1	221.2	214.1	207.7	197.7	189.8	183.4	176.7	172.0	166.9
7,5°	291.4	283.4	268.3	254.7	236.5	225.9	215.3	200.4	188.6	177.5	172.4	160.2	150.8	144.7
10,0°	346.3	318.7	294.3	265.1	247.5	228.3	210.8	195.7	181.0	165.1	157.1	150.6	145.7	141.4
12,5°	357.9	333.8	294.3	277.3	256.7	230.2	216.5	199.4	180.2	166.9	159.8	153.7	142.0	136.9
15,0°	347.5	323.4	302.6	272.0	257.5	241.8	220.8	196.9	178.8	167.7	161.6	150.4	141.8	139.0
17,5°	347.5	317.7	297.7	265.1	251.6	227.7	208.1	190.4	176.5	164.3	156.9	152.8	149.4	144.1
20,0°	367.1	328.7	323.0	282.6	251.6	242.2	212.4	192.0	171.8	163.7	157.5	154.7	154.7	151.4
22,5°	386.3	351.2	328.1	295.7	276.7	253.8	223.2	196.7	176.9	164.5	156.9	155.1	157.7	158.3
25,0°	430.8	386.3	341.0	317.9	305.9	270.6	231.6	194.7	173.2	164.7	157.9	157.1	160.6	165.1
27,5°	475.5	434.2	385.3	368.5	349.8	307.5	237.9	192.4	170.6	158.6	155.9	160.8	165.7	173.0
30,0°	518.7	476.5	411.6	377.3	380.6	291.0	227.9	183.2	164.5	158.8	157.3	164.1	173.2	181.2
32,5°	548.3	502.0	409.1	338.3	337.5	265.3	209.2	177.7	158.3	154.3	159.4	169.6	179.8	191.0
35,0°	594.0	514.6	418.7	327.3	280.8	235.3	187.3	167.9	154.9	154.5	162.4	175.3	189.8	200.0
37,5°	602.4	508.1	427.3	337.1	269.4	214.7	175.9	162.4	153.2	154.1	165.7	181.6	196.9	207.9
40,0°	627.3	540.1	456.3	351.8	274.3	202.4	169.4	158.1	147.5	151.6	167.1	188.3	205.7	218.8
42,5°	625.2	560.3	489.3	373.4	282.2	201.2	168.6	155.7	142.6	149.6	165.5	192.8	209.8	238.3
45,0°	648.9	555.9	494.4	372.4	280.4	206.1	165.7	149.8	138.6	144.7	165.9	191.8	223.0	243.9
47,5°	636.0	546.1	474.6	363.6	272.8	204.7	167.7	144.1	135.7	141.6	162.6	194.7	232.6	260.2
50,0°	596.1	513.8	447.3	340.6	259.2	212.8	169.6	137.9	130.0	136.3	161.8	204.1	251.0	260.4
52,5°	585.6	493.8	403.4	319.1	256.1	207.7	161.0	129.4	121.8	129.2	170.6	224.7	270.6	261.2
55,0°	576.9	485.3	382.6	305.5	266.7	222.0	163.2	124.5	114.7	136.9	177.9	239.6	270.4	266.5
57,5°	528.7	471.8	344.9	309.8	251.0	208.5	150.6	118.2	105.1	123.9	177.3	253.8	276.3	256.1
60,0°	482.8	425.3	340.0	283.8	237.1	199.4	136.5	107.5	93.5	108.2	178.8	259.6	264.7	237.9
62,5°	447.7	386.5	303.0	241.0	205.1	174.7	131.0	99.2	82.0	100.8	169.6	224.5	220.8	206.7
65,0°	376.1	326.1	264.9	208.1	190.2	167.7	152.6	104.1	79.0	104.9	169.2	173.7	144.3	126.5
67,5°	313.2	271.0	221.8	173.2	165.1	178.1	157.1	97.7	74.5	109.4	149.6	136.9	93.9	85.5
70,0°	255.1	226.9	179.4	146.5	155.3	166.1	127.1	83.3	73.9	92.0	116.3	106.1	67.3	73.3
72,5°	190.2	181.6	133.0	116.5	118.6	115.3	83.9	47.5	49.2	64.7	63.9	63.7	47.1	58.6
75,0°	129.2	128.4	107.5	92.6	85.1	67.1	44.3	31.4	29.6	46.1	35.7	38.8	38.4	40.6
77,5°	91.8	89.8	79.2	66.5	58.8	42.6	29.8	25.3	24.3	24.9	29.0	29.0	29.0	26.9
80,0°	64.7	61.4	54.9	43.7	38.0	27.1	21.4	20.6	19.0	19.0	20.6	19.8	18.4	19.4
82,5°	41.6	39.0	34.1	28.4	23.1	17.3	14.5	15.5	16.1	13.3	12.7	13.5	12.9	12.9
85,0°	22.0	20.0	17.8	15.3	11.6	8.8	7.1	8.4	10.0	8.4	7.8	8.2	8.0	8.0
87,5°	7.8	7.8	6.1	4.7	3.9	2.9	2.7	3.3	3.1	3.5	3.7	3.7	3.7	3.7
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: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
Table of values for luminous intensities		Maximum luminous intensity



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°	182.8	181.8	180.8	179.4	176.5	173.5	171.2	169.0	167.9	167.9	168.6	169.2	169.8	169.8
5,0°	161.6	156.7	153.9	150.0	146.7	141.8	138.4	135.1	133.9	133.7	134.5	135.3	136.3	137.9
7,5°	139.8	134.7	131.8	129.4	125.9	121.2	118.8	115.9	113.9	113.5	115.3	117.1	118.8	119.6
10,0°	134.3	129.0	126.9	124.1	120.0	116.5	114.3	112.0	109.4	107.3	107.3	106.7	106.7	107.7
12,5°	132.2	131.0	128.1	127.9	124.7	122.4	119.8	117.5	113.7	110.2	107.5	105.1	101.6	99.0
15,0°	136.1	134.7	134.1	134.5	133.0	131.8	129.2	126.7	121.4	116.7	113.3	108.8	103.9	98.6
17,5°	142.2	142.2	143.0	145.7	145.5	144.9	142.0	138.6	131.8	125.5	120.8	114.5	107.7	100.2
20,0°	150.6	151.4	154.9	158.1	158.8	158.1	155.3	150.6	141.8	134.1	127.5	119.2	110.4	101.2
22,5°	159.4	162.8	168.3	171.8	172.8	171.0	166.9	161.0	150.0	140.8	132.2	121.6	110.6	100.2
25,0°	168.8	174.3	180.8	184.1	183.7	180.8	174.9	167.3	154.7	144.7	134.3	121.8	108.6	97.3
27,5°	180.2	185.9	191.0	192.0	190.2	186.5	180.2	170.4	154.9	142.8	132.0	120.2	103.5	91.0
30,0°	188.8	194.1	197.5	197.1	195.1	191.8	181.6	167.9	151.0	138.6	125.5	110.8	96.1	84.7
32,5°	198.5	202.6	204.7	207.7	201.8	188.6	176.5	163.2	147.3	135.7	125.1	104.5	88.4	79.4
35,0°	206.7	214.7	219.6	206.9	193.7	188.3	177.1	159.4	140.0	126.9	115.9	98.4	81.8	77.5
37,5°	217.5	227.5	211.6	202.2	199.0	181.0	164.3	149.0	133.9	122.2	109.4	89.4	77.1	66.1
40,0°	234.9	223.6	218.1	201.6	183.9	178.3	162.8	144.1	121.4	109.0	97.1	79.8	76.9	60.8
42,5°	235.9	228.7	210.0	199.0	191.4	167.9	150.0	136.7	118.4	103.3	87.7	76.5	68.2	58.2
45,0°	248.1	224.3	215.3	192.6	190.4	173.9	147.1	125.7	107.5	92.0	76.1	67.7	59.2	51.8
47,5°	241.4	231.0	211.4	191.6	175.5	160.2	143.5	110.4	89.4	80.0	65.9	64.7	51.2	48.0
50,0°	249.6	230.2	211.6	191.4	170.6	160.8	124.1	103.7	83.7	70.6	57.1	51.4	42.4	37.1
52,5°	248.3	232.8	197.9	184.3	201.4	155.9	119.0	99.8	73.7	56.9	48.8	43.5	40.6	31.8
55,0°	245.9	221.2	202.4	211.4	207.9	151.4	113.7	86.7	63.9	51.0	44.5	38.6	39.8	34.1
57,5°	251.4	216.7	208.5	242.8	194.7	141.6	100.8	70.0	54.9	44.3	36.1	31.4	33.5	30.0
60,0°	242.6	225.3	226.1	219.2	147.9	130.2	90.6	61.6	43.7	36.9	30.6	29.2	25.7	25.3
62,5°	185.9	216.5	231.6	178.6	123.0	96.9	90.4	51.2	37.8	31.8	25.9	23.7	21.6	22.2
65,0°	162.2	172.8	193.0	177.7	133.0	90.8	78.4	45.9	33.7	27.5	23.5	21.4	20.2	19.6
67,5°	110.6	127.5	127.1	112.6	86.9	63.7	51.2	34.9	29.2	23.5	21.2	20.0	19.2	18.6
70,0°	69.2	79.2	75.3	71.6	50.2	43.1	32.9	27.3	25.1	20.4	19.2	18.6	18.0	17.5
72,5°	55.3	49.8	49.6	34.9	29.6	26.5	25.1	23.1	21.6	17.5	16.7	16.3	15.9	15.7
75,0°	39.2	36.7	29.6	25.3	23.3	21.4	20.8	17.3	15.9	15.1	14.5	14.1	13.9	13.5
77,5°	25.5	23.5	22.9	19.8	18.4	16.9	15.7	13.7	12.7	12.0	11.6	11.4	11.2	11.0
80,0°	18.2	17.1	16.9	14.9	13.9	12.9	11.4	10.6	9.8	9.4	9.0	8.8	8.6	8.6
82,5°	12.7	12.0	11.8	10.8	10.0	9.2	8.6	7.8	7.3	6.9	6.7	6.7	6.5	6.3
85,0°	8.0	7.8	7.3	7.1	6.7	6.3	5.9	5.5	5.1	4.9	4.7	4.7	4.5	4.5
87,5°	3.5	3.5	3.3	3.3	3.1	2.9	2.7	2.7	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: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
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°	170.6	172.8	175.3	178.3	180.4	180.4	179.6	179.6	178.8	177.9	176.7	177.1	179.6	182.6
5,0°	138.4	140.0	142.8	148.4	156.1	165.1	167.7	168.1	169.0	169.2	170.2	172.4	174.5	176.7
7,5°	120.2	121.2	124.9	125.3	126.3	129.6	140.4	151.8	159.8	168.1	173.0	173.7	174.3	174.7
10,0°	108.8	109.6	112.6	116.9	120.8	122.6	124.9	130.6	147.7	156.3	159.6	165.1	170.2	168.8
12,5°	96.7	99.2	100.4	100.4	102.8	106.7	116.5	120.6	129.4	137.7	141.2	147.7	152.6	157.3
15,0°	92.6	88.2	85.9	85.1	85.9	87.7	90.2	103.3	110.4	119.6	124.9	128.8	139.8	143.2
17,5°	93.5	86.5	80.4	76.7	75.3	75.7	75.7	78.8	88.6	100.6	111.8	121.2	124.9	126.7
20,0°	92.4	84.7	77.7	72.4	69.0	67.7	69.4	72.6	77.5	84.3	94.3	111.0	119.0	118.8
22,5°	90.8	81.0	73.7	68.2	65.3	65.3	65.7	69.0	70.6	79.2	90.2	99.0	112.8	118.6
25,0°	86.9	77.3	69.2	63.7	62.0	62.6	65.3	69.4	71.6	76.1	86.7	97.1	107.1	116.3
27,5°	82.0	73.1	65.1	59.8	57.1	61.2	67.3	70.0	71.8	77.5	88.4	97.3	108.4	117.1
30,0°	78.4	71.8	61.4	57.5	56.9	59.8	66.5	71.0	73.5	77.7	89.6	100.4	107.5	114.3
32,5°	70.8	63.9	59.2	58.2	58.2	59.8	63.5	68.0	72.8	76.3	92.8	103.1	105.9	108.2
35,0°	64.5	58.2	57.5	58.8	60.4	60.4	63.5	63.9	71.6	75.9	86.7	100.8	105.9	104.5
37,5°	56.5	53.7	57.7	63.5	61.4	60.8	62.4	64.5	72.0	78.8	82.4	95.5	100.8	97.9
40,0°	55.3	53.3	58.4	60.8	58.0	58.2	61.8	66.7	73.3	77.3	81.4	90.8	95.9	84.9
42,5°	56.9	64.3	62.4	58.4	57.1	58.8	61.4	65.3	71.6	70.8	78.6	87.3	91.4	79.6
45,0°	52.2	68.4	68.0	58.4	55.7	58.0	59.0	59.6	65.1	65.9	71.0	80.4	82.8	73.3
47,5°	50.0	57.5	68.2	68.4	58.2	48.6	53.1	56.3	58.8	61.4	65.3	74.7	73.9	70.0
50,0°	42.9	48.4	61.0	81.4	66.3	52.4	49.6	52.2	55.1	59.4	58.6	65.7	68.4	63.3
52,5°	34.9	40.6	48.4	66.1	74.9	61.0	47.3	48.4	50.6	53.3	51.4	57.1	58.8	55.5
55,0°	31.2	31.6	40.4	56.3	65.9	71.4	55.1	44.1	45.3	46.5	44.7	52.2	50.6	50.8
57,5°	28.0	29.4	34.7	41.4	49.0	51.8	46.7	40.4	39.2	39.8	39.8	44.1	45.1	46.9
60,0°	26.5	29.2	30.0	32.0	32.4	33.5	35.5	33.9	34.1	34.1	34.7	39.0	40.8	41.0
62,5°	23.9	22.9	23.7	23.3	25.3	25.1	26.5	29.2	28.8	29.2	30.2	34.9	35.1	34.5
65,0°	21.4	19.8	20.2	21.4	20.8	22.2	23.5	24.3	24.3	26.3	26.7	28.4	30.2	30.2
67,5°	22.0	17.8	17.8	18.6	19.2	19.0	21.0	21.2	22.0	22.7	23.5	23.7	25.3	25.3
70,0°	19.8	16.5	15.9	15.9	16.1	16.7	17.5	18.4	19.2	19.6	19.4	20.2	21.0	21.8
72,5°	15.9	14.9	14.3	14.1	14.1	14.5	14.7	15.1	16.1	16.3	16.1	16.3	17.1	18.0
75,0°	13.3	12.9	12.4	12.2	12.2	12.2	12.4	12.4	13.3	13.3	13.1	13.3	13.5	14.1
77,5°	10.8	10.6	10.2	10.0	10.0	10.0	10.0	10.0	10.6	10.6	10.0	10.2	10.4	10.8
80,0°	8.4	8.2	8.0	7.8	7.6	7.6	7.6	7.6	8.0	7.8	7.1	6.7	7.3	8.0
82,5°	6.1	6.1	5.9	5.7	5.7	5.5	5.3	5.3	5.3	5.7	4.5	3.5	4.7	5.5
85,0°	4.5	4.3	4.1	4.1	3.9	3.7	3.5	3.3	3.3	3.1	2.9	2.4	2.9	2.9
87,5°	2.4	2.4	2.4	2.2	2.2	2.2	2.0	1.8	1.6	1.4	1.2	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: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
Table of values for luminous intensities		Maximum luminous intensity

siteco

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°	184.5	186.5	189.2	192.8	196.3	199.4	201.4	204.5	206.3	209.0	210.8	215.1	219.2	222.0
5,0°	177.5	179.0	179.8	181.4	184.5	190.0	197.3	205.1	213.6	220.8	223.4	227.3	231.8	235.5
7,5°	169.8	173.2	179.8	185.7	188.3	190.0	196.3	211.6	219.0	225.3	230.6	238.1	243.0	249.4
10,0°	170.4	169.8	170.2	171.2	178.3	189.8	198.8	218.1	226.7	227.9	232.4	234.9	241.0	251.4
12,5°	156.1	158.3	158.6	163.7	164.7	170.6	179.8	202.0	206.9	218.1	220.8	226.1	234.1	244.3
15,0°	143.9	146.5	148.8	149.6	149.0	159.6	165.1	184.5	196.9	203.9	209.4	219.2	237.5	262.4
17,5°	129.4	135.7	139.2	141.8	146.9	155.1	172.6	179.6	182.0	191.8	205.9	222.0	241.6	262.4
20,0°	121.4	126.3	134.9	142.4	151.6	161.2	168.8	171.6	176.9	184.9	199.2	213.6	231.2	269.8
22,5°	123.3	131.0	134.3	141.2	149.4	152.6	156.5	156.7	161.4	175.7	190.8	212.2	236.3	267.9
25,0°	124.5	132.4	127.7	132.6	136.1	134.1	138.4	143.7	152.6	165.9	182.8	200.8	224.7	259.8
27,5°	118.4	122.6	119.2	119.4	119.8	123.9	129.6	136.7	145.1	158.8	177.3	203.9	231.8	262.4
30,0°	114.7	112.2	116.9	114.5	111.0	115.9	122.8	130.8	142.8	154.3	172.8	200.6	227.3	260.6
32,5°	106.7	100.8	106.1	105.9	103.1	107.3	115.1	125.3	135.5	150.8	173.7	197.9	229.2	259.8
35,0°	95.5	92.4	97.3	94.3	94.7	98.4	105.5	113.5	127.5	138.8	165.1	195.5	221.0	254.9
37,5°	84.5	84.1	87.1	85.7	85.7	87.9	94.5	105.3	116.9	127.9	150.6	194.3	232.0	262.4
40,0°	77.5	76.9	79.8	78.2	76.3	78.2	84.7	93.9	105.9	116.7	135.3	186.3	226.9	262.6
42,5°	72.6	70.8	71.4	71.2	70.2	71.0	76.3	84.1	96.5	109.8	129.0	168.1	231.8	274.3
45,0°	69.4	66.3	65.3	64.9	64.9	66.1	70.2	76.9	90.0	102.0	121.2	144.1	221.8	288.9
47,5°	67.7	62.0	60.2	60.2	60.0	61.6	65.9	72.6	82.6	97.3	112.0	127.5	203.9	287.3
50,0°	61.8	56.9	55.3	54.5	55.3	57.1	61.4	66.3	76.1	89.4	100.2	114.5	180.6	268.9
52,5°	56.9	51.8	50.2	49.4	50.0	52.4	56.1	60.8	67.5	79.0	89.6	101.0	144.5	255.7
55,0°	49.4	46.9	45.3	44.7	45.3	47.7	51.0	54.5	59.6	68.2	77.3	88.4	111.8	237.3
57,5°	43.7	41.6	40.6	40.4	40.8	43.3	45.9	48.8	51.8	57.3	64.9	74.5	108.2	196.1
60,0°	38.6	36.9	36.3	36.1	36.7	38.4	40.6	42.4	45.3	48.4	56.1	64.1	89.0	136.9
62,5°	33.3	32.4	32.0	32.2	32.6	34.1	35.7	37.1	40.0	41.4	47.1	54.5	70.6	106.5
65,0°	29.0	28.6	28.2	28.6	29.2	30.0	31.2	32.4	33.3	34.7	40.2	50.2	64.9	86.1
67,5°	24.9	24.5	24.3	24.5	25.9	26.3	27.3	28.0	28.6	29.4	33.5	43.7	62.9	81.0
70,0°	21.2	21.0	20.8	21.0	22.4	22.9	23.3	23.7	24.1	24.7	27.8	34.7	52.4	72.2
72,5°	17.3	17.3	17.5	18.2	19.2	19.8	19.6	19.4	19.8	20.2	23.3	28.2	37.5	61.8
75,0°	14.1	14.3	14.7	15.1	16.3	16.5	15.9	15.5	15.7	16.5	17.8	22.9	25.3	48.4
77,5°	11.2	11.2	11.4	12.0	13.3	13.3	12.9	12.0	12.0	12.7	13.3	16.7	20.0	33.3
80,0°	8.4	8.4	8.6	9.2	9.8	10.0	9.4	8.8	8.8	9.2	9.6	10.4	15.9	21.6
82,5°	5.7	5.5	5.7	6.3	6.7	6.3	6.1	5.9	5.9	6.3	6.5	6.9	7.6	8.4
85,0°	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.5	3.5	3.7	3.9	4.3	4.7	5.1
87,5°	1.0	1.2	1.2	1.4	1.4	1.4	1.6	1.6	1.6	1.8	2.0	2.2	2.7	3.1
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: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
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Table of values for luminous intensities	Maximum luminous intensity
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C-planes	350°	355°	Phi-zone	Total Phi-zone
Luminous intensity in cd/lm Luminous flux in lm/klm				
0,0°	200.4	200.4	0.3	0.3
2,5°	224.3	227.3	2.4	2.7
5,0°	241.6	251.2	4.8	7.5
7,5°	260.4	269.8	7.3	14.8
10,0°	263.6	273.8	9.9	24.7
12,5°	258.5	272.0	12.2	36.9
15,0°	281.2	295.7	14.9	51.8
17,5°	277.9	298.3	17.6	69.4
20,0°	299.6	312.6	20.6	90.0
22,5°	287.5	323.2	23.7	113.6
25,0°	300.6	328.3	27.0	140.6
27,5°	306.3	358.5	30.9	171.5
30,0°	304.0	357.3	33.9	205.4
32,5°	309.4	353.6	36.8	242.2
35,0°	303.6	339.8	38.9	281.1
37,5°	333.4	361.2	41.1	322.3
40,0°	346.7	366.5	43.3	365.6
42,5°	343.8	386.5	45.3	410.9
45,0°	333.6	405.9	46.9	457.9
47,5°	339.1	405.9	47.9	505.7
50,0°	336.7	398.9	48.6	554.3
52,5°	318.1	401.2	49.2	603.5
55,0°	303.2	390.0	49.8	653.4
57,5°	257.5	352.8	49.8	703.1
60,0°	219.0	302.4	48.9	752.0
62,5°	177.1	244.1	46.3	798.4
65,0°	140.0	193.2	43.5	841.8
67,5°	108.4	159.0	39.4	881.2
70,0°	93.5	158.6	35.2	916.3
72,5°	86.1	162.2	29.9	946.3
75,0°	57.7	90.0	23.8	970.0
77,5°	41.6	64.3	15.3	985.4
80,0°	24.1	29.0	7.8	993.2
82,5°	9.6	11.0	3.8	997.0
85,0°	5.9	6.7	2.0	999.1
87,5°	3.5	4.1	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: 5XC2F11Y08HE EAN: 4058352949702	LP number 58932_176
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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	4490	58.3	60.7	59.5
95	241	252	4260	54.4	56.7	55.6
90	229	250	4048	51.0	53.1	52.0
85	216	248	3818	47.5	49.5	48.5
80	203	246	3588	44.1	45.9	45.0
75	190	243	3359	40.8	42.4	41.6
70	178	241	3147	37.9	39.4	38.6
65	165	238	2917	34.7	36.2	35.4
60	152	235	2687	31.7	33.0	32.4
55	140	232	2475	29.1	30.2	29.6
50	127	229	2245	26.2	27.2	26.7
45	114	225	2015	23.4	24.3	23.8
40	102	221	1803	21.0	21.8	21.4
35	89	216	1573	18.4	19.1	18.8
30	76	210	1343	15.9	16.5	16.2
25	63	203	1114	13.5	14.0	13.8
20	51	195	902	11.2	11.6	11.4
15	38	184	672	8.8	9.1	9.0
14	36	182	636	8.4	8.7	8.6