

Photometric test report

Family
Streetlight 21 mini LED

Order number: 5XE2F31Y08GB
EAN: 4058352910092

LP number
59110_552



Version post-top or side-entry mounting, Smart Interface up/down
Optic pedestrian crossing, asymmetric left distribution (PC-L)
Cover toughened safety glass
Lamps LED 3000 K | CRI ≥ 70
Controlgear EVG SITECO iQ - Smart Interface
Rated values Net luminous flux = 5460 lm
 Power consumption = 39.8 W
 Luminous efficacy = 137.2 lm/W

serial
documentation
09.08.2023

siteco

Luminous intensity in cd/klm

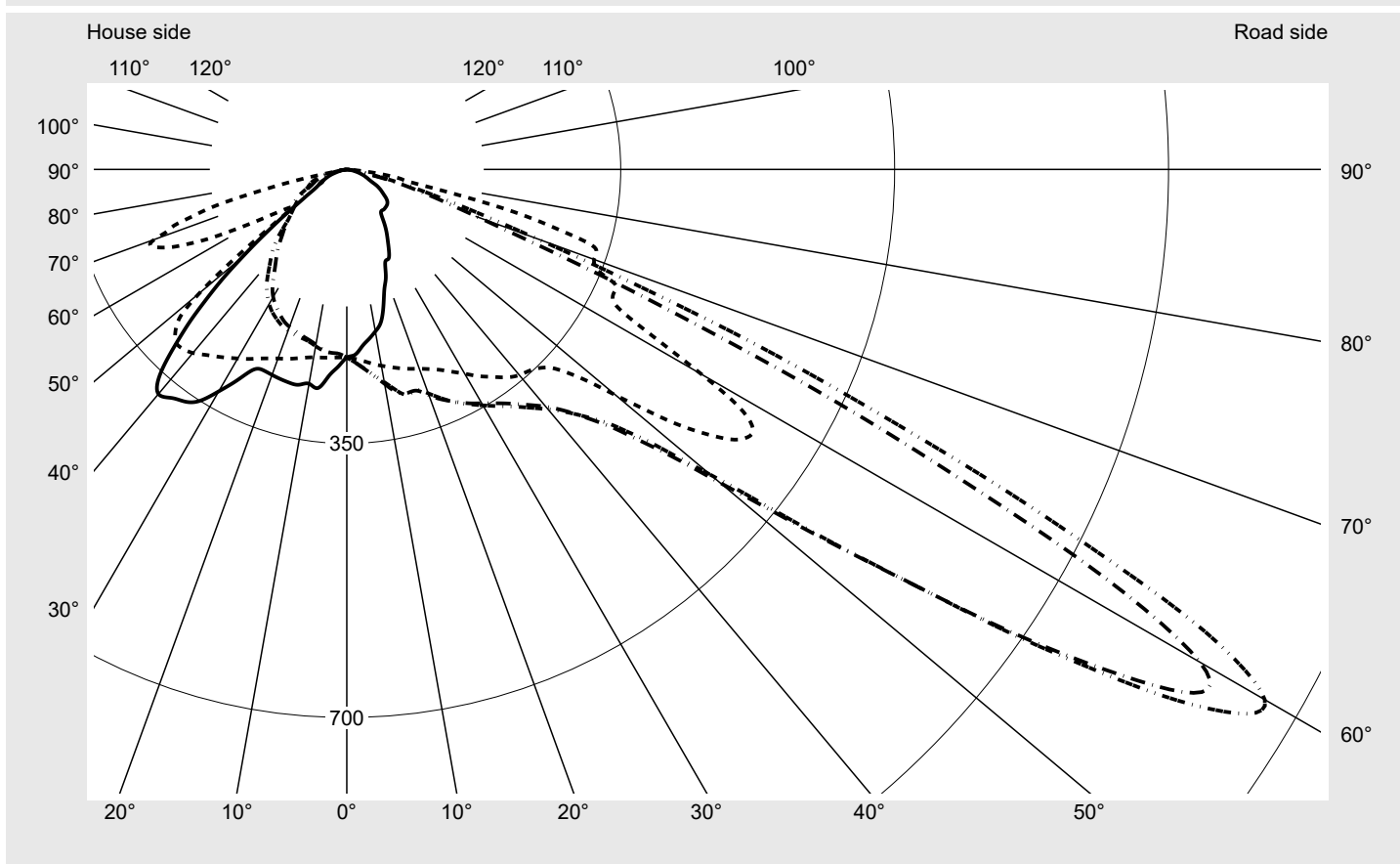
C180-0

C270-90

C297,5-117,5

C300-120

Imax: 1354 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

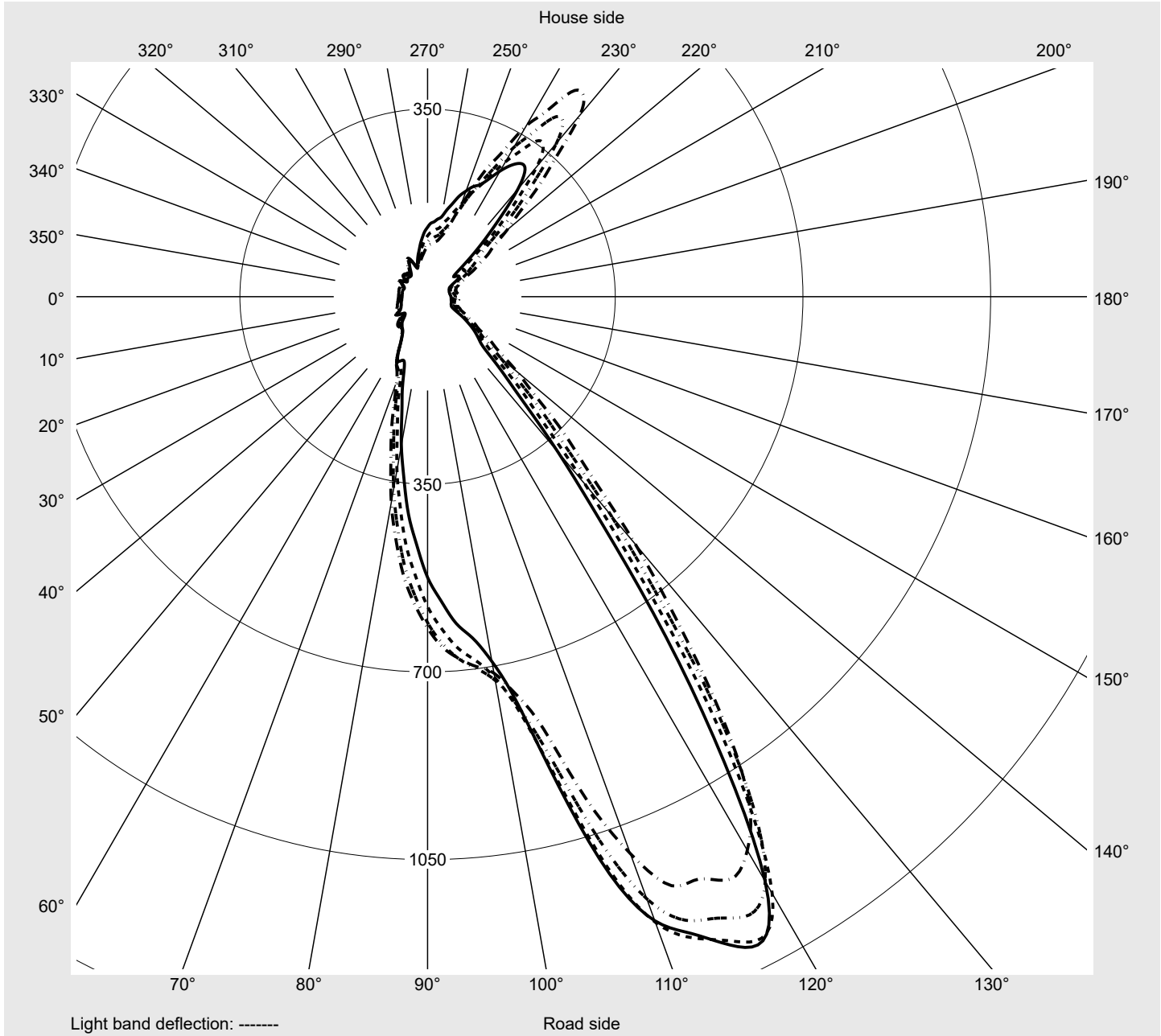
Class:	G3
Imax 70°	751.7
Imax 80°	80.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Envelope curve in cd/klm <div>KMK 60°</div> <div>KMK 59°</div> <div>KMK 58°</div> <div>KMK 57°</div>		<div>sit</div> <div>eco</div>



Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0,0°	2,5°	5,0°	7,5°	10,0°	12,5°	15,0°	17,5°	20,0°	22,5°	25,0°	27,5°	30,0°	32,5°	35,0°	37,5°	40,0°
γ	Luminous intensity in cd/klm																
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3
2,5°	237.0	237.3	237.6	237.5	237.5	237.5	237.5	237.5	237.8	237.8	238.0	238.0	238.0	238.1	238.1	238.0	238.0
5,0°	226.6	226.8	227.3	227.2	227.7	227.5	228.2	228.3	229.2	229.5	230.4	230.9	231.9	232.3	233.3	233.8	234.7
7,5°	218.3	218.5	219.1	219.1	219.6	219.7	220.6	221.2	222.2	222.8	223.7	224.3	225.2	225.8	226.6	227.4	228.2
10,0°	210.1	210.5	210.8	211.0	211.1	211.3	211.6	212.2	212.8	213.4	214.4	215.4	217.1	218.6	220.7	222.2	224.1
12,5°	200.4	200.1	201.3	201.1	202.5	202.9	204.7	205.5	207.6	208.4	210.4	211.4	213.0	214.0	215.3	215.8	217.0
15,0°	180.8	180.5	181.8	182.2	184.2	185.2	188.0	189.5	192.0	193.8	196.5	198.4	201.6	204.0	207.2	209.3	211.6
17,5°	159.8	159.9	160.6	161.1	162.3	163.6	165.7	167.8	171.0	173.7	177.7	181.5	186.2	189.8	193.9	197.1	200.8
20,0°	145.9	145.4	146.6	146.6	148.4	149.3	151.8	153.4	156.4	158.1	161.5	163.6	167.3	170.4	176.4	181.1	188.3
22,5°	128.3	128.5	129.1	129.6	131.0	132.3	134.8	137.2	140.8	143.5	147.6	150.8	154.9	158.3	162.4	165.9	170.7
25,0°	125.9	126.3	126.6	126.8	127.3	127.6	127.8	128.0	127.8	128.7	131.2	133.6	139.6	144.2	150.0	154.0	159.8
27,5°	116.5	116.6	117.5	118.5	120.1	121.4	123.5	125.4	126.9	128.1	128.7	128.7	129.0	130.6	134.7	140.3	147.1
30,0°	104.6	105.0	106.0	107.2	109.1	110.6	112.8	114.7	117.8	120.6	124.2	127.3	128.8	129.7	129.2	130.4	133.8
32,5°	94.2	94.4	96.1	97.6	100.0	101.9	104.5	106.4	109.2	111.6	114.9	117.8	122.6	126.5	129.6	130.4	130.2
35,0°	83.0	83.7	85.7	88.3	91.3	94.6	97.6	100.7	103.8	106.3	109.1	111.4	114.5	117.9	123.4	128.5	130.4
37,5°	72.3	73.3	75.5	78.3	81.9	85.6	90.1	94.2	98.5	102.0	105.2	107.8	110.3	112.4	115.5	119.5	125.8
40,0°	69.0	69.9	71.4	73.4	75.8	78.7	82.1	86.1	91.2	95.8	100.2	103.6	106.7	109.1	111.1	113.0	116.7
42,5°	69.6	70.3	71.7	73.8	76.1	78.5	80.9	83.4	86.2	89.3	93.1	96.9	100.9	103.7	106.9	109.7	112.6
45,0°	69.4	70.0	71.1	72.4	74.0	75.8	77.9	80.3	83.0	85.5	88.6	91.5	94.9	98.3	102.9	107.4	111.6
46,0°	69.2	69.7	70.7	72.1	73.4	74.8	76.7	78.6	80.9	83.3	86.4	89.5	93.0	97.0	101.2	106.2	110.8
47,0°	69.0	69.5	70.4	71.4	72.6	74.0	75.5	77.0	78.9	81.1	83.8	86.9	91.3	95.4	99.5	104.1	109.1
48,0°	68.7	69.2	69.9	70.7	71.7	72.8	74.1	75.5	77.4	79.1	81.5	84.4	89.1	93.4	97.6	101.9	106.8
49,0°	68.3	68.5	69.4	70.0	71.1	71.7	72.9	73.8	75.7	77.0	79.4	81.8	86.2	90.0	95.4	99.3	103.9
50,0°	67.7	67.8	68.5	69.2	70.0	70.7	71.6	72.3	73.6	75.0	77.0	79.4	82.6	86.1	91.7	96.5	100.4
51,0°	66.8	67.0	67.7	68.2	68.8	69.5	70.2	70.7	71.7	72.9	75.0	76.7	79.2	82.0	87.1	92.5	97.1
52,0°	65.6	65.8	66.5	66.8	67.5	68.0	68.5	69.0	69.9	70.9	72.6	74.0	75.8	77.9	81.8	87.2	93.2
53,0°	63.9	64.2	64.8	65.3	66.1	66.5	67.0	67.3	68.0	68.8	70.2	71.4	73.3	74.3	77.2	82.3	89.0
54,0°	61.9	62.0	62.7	63.4	64.1	64.8	65.1	65.4	66.1	67.0	68.0	69.4	70.7	71.1	73.1	77.4	84.4
55,0°	59.3	59.5	60.2	60.7	61.7	62.4	63.1	63.4	64.2	64.9	65.6	67.0	68.5	68.0	69.0	72.3	79.4
56,0°	56.7	56.9	57.6	58.1	59.1	59.8	60.7	61.2	62.5	63.2	63.7	64.9	67.7	65.1	65.8	68.0	75.0
57,0°	54.5	54.4	55.2	55.6	56.6	57.1	58.5	59.0	60.7	61.5	62.4	63.4	67.7	63.1	62.5	63.7	70.4
58,0°	52.3	52.5	53.0	53.3	54.4	54.7	55.7	56.7	58.3	59.5	60.7	62.4	68.2	62.0	59.3	60.0	65.1
59,0°	50.3	50.3	51.0	51.3	52.3	52.7	53.5	54.2	55.7	56.9	58.6	61.0	68.3	61.9	56.4	56.4	60.2
60,0°	47.7	47.7	48.4	48.6	49.6	50.1	50.8	51.3	52.5	53.7	55.7	59.5	67.5	62.2	53.5	52.7	55.6
61,0°	45.2	45.0	45.5	45.8	46.9	47.4	48.2	48.4	49.6	50.3	52.7	57.4	65.6	62.0	51.0	49.9	52.3
62,0°	41.9	41.8	42.4	42.8	43.8	44.3	45.0	45.3	46.2	46.9	49.4	55.2	62.4	60.5	48.6	47.9	49.8
63,0°	37.7	37.7	38.5	38.9	39.9	40.6	41.6	41.8	42.8	43.6	46.4	52.3	58.6	57.8	46.5	45.8	47.4
64,0°	34.4	34.4	35.3	35.8	36.6	37.7	38.7	39.0	40.0	41.1	44.0	49.6	55.2	54.7	44.8	44.0	45.5
65,0°	31.9	31.9	32.7	33.1	34.3	34.9	36.3	36.6	38.0	38.9	42.1	46.9	51.8	50.6	42.8	41.9	43.5
66,0°	30.0	30.0	30.8	31.4	32.0	33.1	34.1	34.8	36.0	37.1	40.2	44.8	48.4	46.9	40.4	40.2	41.2
67,0°	28.5	28.5	29.1	29.7	30.3	31.0	32.0	32.9	34.3	35.6	38.9	42.6	45.3	43.1	38.5	38.5	39.2
68,0°	26.6	26.8	27.3	27.6	28.3	29.0	30.0	30.8	32.4	33.9	37.3	40.2	41.9	39.4	36.3	36.3	36.8
69,0°	25.1	25.1	25.7	26.1	26.6	27.3	28.1	29.0	30.5	32.4	36.0	38.0	38.9	36.3	34.3	34.1	34.3
70,0°	23.7	23.5	24.2	24.4	24.9	25.2	26.4	27.1	28.6	30.7	34.4	35.8	36.1	33.2	32.2	31.5	31.7
71,0°	21.8	21.8	22.3	22.7	23.0	23.5	24.5	25.4	26.8	29.0	32.4	33.7	33.2	30.8	29.7	29.1	29.3
72,0°	19.9	19.9	20.3	20.6	21.0	21.5	22.7	23.7	25.1	27.3	30.5	31.5	30.7	28.3	27.3	26.8	27.1
73,0°	18.1	18.1	18.4	18.6	18.9	19.4	20.4	21.6	23.3	25.4	28.3	29.0	27.9	25.6	24.7	24.2	24.9

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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	42,5°	45,0°	47,5°	50,0°	52,5°	55,0°	57,5°	60,0°	62,5°	65,0°	67,5°	70,0°	72,5°	75,0°	77,5°	80,0°	82,5°
γ	Luminous intensity in cd/klm																
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3
2,5°	238.0	237.9	237.7	237.5	237.6	237.7	237.7	237.8	237.9	238.1	238.3	238.7	238.9	239.3	239.8	240.3	240.5
5,0°	235.3	236.4	236.9	237.5	238.1	238.6	238.7	239.1	239.4	239.4	239.6	239.6	240.1	240.6	241.3	242.0	242.7
7,5°	229.0	230.1	231.2	232.6	234.1	235.7	237.1	238.8	240.2	241.3	242.0	242.5	242.7	243.0	243.9	244.7	245.8
10,0°	225.4	227.0	228.3	229.9	230.7	231.9	233.6	236.0	238.4	241.0	242.8	244.2	244.9	245.2	245.9	247.1	248.6
12,5°	218.1	220.7	222.8	225.9	227.8	229.9	231.7	233.5	235.6	238.9	241.9	244.7	246.1	246.5	247.3	249.0	250.9
15,0°	214.2	216.8	217.6	219.3	221.5	225.4	228.9	231.9	234.7	237.2	240.8	244.7	246.9	247.8	248.6	250.8	253.4
17,5°	204.4	208.4	211.7	215.7	218.4	220.5	224.2	229.1	233.2	237.1	240.6	245.0	248.0	249.1	250.5	253.1	256.1
20,0°	192.7	197.7	202.1	207.9	212.0	217.4	221.4	225.4	230.9	236.5	241.0	245.7	249.3	250.5	252.5	255.4	259.0
22,5°	176.7	184.6	191.9	198.3	204.0	210.3	216.6	223.1	227.8	234.6	240.9	246.7	250.6	252.1	254.8	258.4	262.8
25,0°	164.3	169.9	176.7	187.3	195.1	202.6	209.9	218.1	226.0	232.9	240.3	247.8	251.9	254.1	257.8	261.9	267.2
27,5°	153.3	159.9	166.1	173.0	182.5	193.8	203.0	212.3	221.1	230.8	238.7	248.3	253.1	256.3	261.1	266.5	272.1
30,0°	140.6	147.9	155.8	163.9	170.7	181.1	194.3	205.2	215.4	226.6	236.5	246.9	253.2	257.8	264.1	271.1	277.8
32,5°	131.5	136.2	143.4	152.2	161.0	169.3	180.1	195.1	206.5	219.7	232.6	244.2	252.3	258.7	266.9	275.7	283.7
35,0°	130.2	130.9	133.3	140.4	147.9	158.5	167.3	180.8	196.1	211.6	226.0	241.5	251.2	259.9	269.8	280.2	289.5
37,5°	129.3	129.4	129.7	131.7	137.5	145.0	156.5	167.5	184.0	202.3	219.5	237.3	249.7	261.6	273.1	285.2	295.7
40,0°	122.9	127.5	127.8	128.7	130.4	135.8	144.7	158.1	171.1	191.5	210.3	230.7	245.9	260.4	274.0	288.0	300.1
42,5°	115.6	120.7	124.7	126.3	127.9	130.7	134.6	145.2	158.1	176.0	195.2	218.0	237.0	254.2	271.0	288.3	303.2
45,0°	114.0	115.7	119.3	122.7	124.6	125.3	127.1	130.2	142.6	158.5	178.1	202.6	225.8	247.4	269.2	291.1	310.3
46,0°	113.7	114.9	117.4	120.5	122.2	123.0	123.9	125.3	136.2	152.5	171.9	197.0	221.9	245.9	269.8	294.0	315.3
47,0°	112.5	113.3	115.2	117.4	118.6	119.8	119.8	120.3	129.0	146.7	165.5	191.5	218.5	245.7	272.7	299.7	324.1
48,0°	110.6	111.6	112.6	114.0	115.0	116.2	115.9	116.6	123.5	142.0	160.7	188.0	217.1	247.6	277.9	308.6	336.6
49,0°	107.7	109.6	109.2	110.1	110.8	112.3	112.0	113.7	118.8	138.0	156.9	185.9	218.1	252.0	287.6	321.4	355.1
50,0°	104.5	106.2	105.5	105.5	106.0	107.5	108.4	111.1	116.0	135.6	155.1	185.7	221.0	259.9	299.7	339.5	376.8
51,0°	100.5	101.9	100.9	100.9	101.4	103.1	104.8	109.1	114.9	135.0	154.7	186.9	225.4	268.7	313.2	358.9	401.5
52,0°	95.6	96.6	95.9	95.8	96.1	98.5	101.2	106.8	115.0	135.6	155.9	188.5	229.7	277.1	326.7	378.6	426.5
53,0°	91.3	91.7	91.2	91.0	91.7	94.6	98.2	105.0	116.0	136.8	156.8	188.6	231.8	282.2	335.9	393.5	446.0
54,0°	87.4	87.2	86.9	86.6	87.8	91.2	95.8	103.6	117.2	137.5	156.8	186.9	231.1	283.9	340.3	402.7	459.9
55,0°	83.2	83.3	82.8	82.5	83.8	88.1	93.6	102.4	118.6	137.9	155.4	182.7	226.6	280.8	339.1	405.9	467.4
56,0°	79.6	80.4	79.8	79.6	81.1	85.7	92.0	101.6	119.5	137.9	153.2	176.7	218.8	273.0	331.4	401.7	466.2
57,0°	75.7	77.9	77.4	77.7	78.9	84.0	90.7	101.1	120.3	137.5	149.3	168.7	206.9	260.7	316.4	389.9	455.0
58,0°	71.2	74.6	75.5	76.3	77.7	82.6	89.8	100.9	120.5	136.7	144.8	157.6	191.5	240.8	293.3	364.5	431.5
59,0°	66.3	71.2	73.4	75.2	77.0	81.6	89.3	101.1	120.1	135.0	138.4	144.5	171.3	214.5	260.9	329.1	393.0
60,0°	60.8	66.8	70.4	73.8	76.5	80.8	89.1	101.4	118.6	131.6	129.3	128.0	146.7	182.7	221.4	281.7	339.6
61,0°	56.6	62.4	66.8	71.4	75.5	80.3	89.3	101.4	116.6	127.1	120.8	114.0	127.3	156.6	189.5	241.3	294.5
62,0°	53.2	58.3	62.7	68.3	74.0	79.8	89.6	100.7	113.7	122.7	114.3	104.1	113.3	137.7	166.7	211.3	261.2
63,0°	50.1	54.5	58.5	64.4	71.6	79.2	89.8	99.3	110.8	118.4	109.2	97.8	103.8	125.8	151.7	192.2	239.1
64,0°	47.5	51.3	55.0	60.8	68.8	78.6	89.5	97.8	107.9	115.0	105.7	94.2	98.0	117.8	140.8	178.4	224.3
65,0°	45.0	48.2	51.3	57.3	65.8	77.9	88.4	95.1	103.8	110.8	101.2	90.7	91.9	109.9	129.9	166.5	210.8
66,0°	42.6	45.2	47.9	53.3	62.7	76.3	86.1	90.8	98.5	103.8	95.6	85.4	85.5	100.4	118.3	150.6	196.3
67,0°	40.0	42.1	44.8	50.1	59.8	73.4	82.0	85.7	91.7	95.8	88.1	79.1	77.9	89.6	102.2	130.4	172.6
68,0°	37.1	38.9	41.4	47.0	56.2	68.8	76.5	79.4	82.8	84.7	76.9	68.3	65.4	73.6	81.3	102.1	139.1
69,0°	34.6	36.1	38.7	44.1	52.7	63.9	70.5	72.4	73.8	73.8	66.3	58.8	56.4	62.0	67.3	83.7	116.6
70,0°	32.0	33.7	36.1	41.2	48.7	58.3	63.4	65.4	64.6	63.9	56.6	51.1	48.2	52.7	54.9	67.8	93.9
71,0°	29.8	31.4	33.7	38.2	44.8	52.3	56.9	58.5	57.8	55.4	48.7	43.6	41.9	44.5	46.4	54.4	76.5
72,0°	27.8	29.1	31.2	35.1	40.4	47.0	51.6	53.2	51.5	48.6	41.9	37.8	36.8	38.9	40.2	45.7	62.5
73,0°	25.4	26.6	28.1	31.4	36.1	41.9	46.4	48.4	46.5	43.3	36.3	33.2	31.9	33.7	34.4	38.2	50.3

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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C- planes	85,0°	87,5°	90,0°	92,5°	95,0°	97,5°	100,0°	102,5°	105,0°	107,5°	110,0°	112,5°	115,0°	117,5°	120,0°	122,5°	125,0°
γ	Luminous intensity in cd/klm																
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3
2,5°	241.0	241.6	242.1	242.8	243.3	243.6	243.8	244.1	244.4	244.9	245.3	246.0	246.2	246.8	247.0	247.5	247.8
5,0°	243.5	244.5	245.7	246.9	247.8	248.6	249.3	250.3	251.0	252.0	252.9	253.9	254.4	255.3	255.6	256.5	257.0
7,5°	246.9	248.6	250.2	252.0	253.5	255.0	256.1	257.4	258.5	260.1	261.3	262.8	263.8	265.1	265.9	267.2	268.1
10,0°	250.3	252.4	254.6	257.1	259.2	261.1	262.4	264.5	266.3	268.6	270.3	272.1	273.7	275.9	278.1	280.3	282.0
12,5°	253.0	255.8	258.7	261.8	263.9	266.3	268.5	271.2	273.5	276.4	278.9	282.3	284.8	288.4	291.0	293.7	293.8
15,0°	256.0	259.4	262.9	266.0	268.4	271.6	274.2	277.6	280.8	284.9	289.0	293.4	296.7	297.9	295.8	292.8	291.2
17,5°	259.5	263.4	267.0	270.2	273.2	276.9	280.4	284.5	289.5	295.4	299.7	300.2	297.6	295.7	296.3	298.1	299.9
20,0°	263.1	267.4	270.9	274.9	278.4	283.0	287.3	294.1	300.8	304.3	302.1	300.1	300.9	304.3	306.9	309.6	309.8
22,5°	267.5	272.1	276.1	281.0	285.9	291.5	298.1	306.0	307.7	305.9	306.3	309.6	313.1	316.4	318.1	318.6	317.6
25,0°	272.3	277.9	282.5	289.5	295.1	303.7	310.8	312.9	311.2	314.4	318.5	323.4	326.0	328.0	327.4	327.0	324.5
27,5°	278.5	284.8	291.3	299.4	307.0	316.5	318.7	318.1	321.6	327.4	332.6	336.1	337.8	338.0	336.7	334.3	330.9
30,0°	285.3	292.8	301.3	310.0	320.5	325.8	325.0	328.4	334.7	341.0	345.6	348.0	348.7	348.0	344.9	341.7	337.6
32,5°	292.3	302.2	313.0	323.0	331.7	332.6	335.2	342.1	348.7	355.2	358.5	360.7	360.1	358.4	354.1	350.4	346.1
35,0°	299.2	310.8	323.4	334.0	338.8	340.3	347.0	355.3	362.8	367.7	370.8	372.7	372.5	369.6	365.2	361.1	357.2
37,5°	307.5	321.0	334.8	345.0	347.2	352.9	361.0	370.0	376.8	380.7	383.6	386.1	386.1	383.6	379.0	374.8	370.7
40,0°	313.6	328.4	342.9	353.3	357.3	366.4	375.6	385.3	391.3	394.7	397.4	401.0	401.5	399.9	395.7	392.3	388.9
42,5°	318.5	333.7	347.9	358.5	366.7	377.5	388.2	399.1	405.7	410.8	414.6	419.3	420.8	421.7	420.2	419.6	420.4
45,0°	328.5	344.4	357.9	368.8	378.1	388.5	399.4	411.4	420.4	428.7	436.8	443.1	448.2	452.3	457.2	463.8	474.9
46,0°	335.0	351.9	365.2	376.6	385.3	394.8	405.1	417.0	426.7	436.9	447.3	455.7	461.3	468.5	476.6	488.4	504.6
47,0°	345.8	364.3	377.8	389.7	396.9	404.9	413.4	425.0	434.9	447.3	460.3	472.5	482.9	492.0	503.2	520.1	540.7
48,0°	359.9	380.9	394.7	406.9	412.4	418.9	425.2	435.2	444.4	458.6	474.4	491.8	505.3	520.3	533.5	554.7	577.5
49,0°	379.3	405.2	417.7	432.5	434.0	440.8	442.4	452.6	459.1	475.8	492.8	519.6	536.4	560.5	571.7	599.8	617.9
50,0°	406.8	434.0	449.0	462.1	464.4	467.9	468.3	475.3	482.3	498.6	521.4	555.9	581.8	607.0	622.8	647.7	663.9
51,0°	435.7	465.7	483.1	497.2	499.3	501.3	499.6	505.8	511.9	531.2	561.2	606.1	638.9	666.3	680.3	702.6	709.6
52,0°	466.1	499.3	520.6	536.8	540.7	542.6	540.5	546.3	553.8	578.4	621.0	679.4	717.4	744.0	752.5	768.2	761.4
53,0°	490.1	526.9	552.3	571.5	578.2	581.4	581.4	589.1	601.5	635.5	693.6	764.1	805.9	827.2	829.9	835.8	811.8
54,0°	509.0	549.6	579.0	602.1	612.4	618.2	621.0	632.9	654.5	705.7	784.9	864.1	903.3	918.7	919.0	910.1	862.3
55,0°	521.4	566.6	601.5	630.0	644.5	653.7	660.2	681.3	716.7	794.4	896.0	982.9	1013.8	1027.7	1019.0	992.3	913.6
56,0°	524.9	574.3	613.8	646.9	665.8	679.2	691.0	722.7	776.2	884.6	1003.5	1089.4	1111.9	1127.4	1110.4	1061.0	948.1
57,0°	520.1	572.4	618.1	655.0	677.9	695.8	713.2	759.0	834.1	981.4	1105.4	1189.3	1198.5	1224.7	1192.5	1115.0	958.4
58,0°	500.7	556.6	608.0	648.4	678.7	699.9	727.0	784.0	893.1	1060.8	1195.2	1259.1	1279.1	1300.0	1259.5	1132.5	934.9
59,0°	463.7	520.8	578.0	621.1	658.8	684.2	721.5	793.2	932.3	1116.7	1241.8	1294.6	1325.4	1349.1	1285.2	1107.3	875.9
60,0°	407.8	463.5	523.7	567.3	611.8	642.1	691.0	778.6	945.8	1129.1	1238.7	1285.7	1334.3	1354.4	1258.8	1030.3	775.7
61,0°	356.3	410.7	466.6	510.2	555.5	589.6	645.2	748.8	929.4	1097.4	1192.0	1238.0	1299.0	1305.0	1179.1	925.5	665.3
62,0°	317.1	369.6	419.7	461.3	501.9	538.5	597.6	714.7	897.7	1045.3	1125.9	1171.2	1226.3	1213.3	1060.1	801.8	552.3
63,0°	293.1	344.2	389.0	426.4	461.8	496.7	557.4	685.7	865.7	987.9	1057.9	1097.3	1128.4	1076.6	912.0	659.8	435.9
64,0°	280.0	333.3	378.1	414.1	446.8	480.2	542.2	679.4	849.0	950.9	1007.1	1034.0	1034.2	940.0	772.8	534.9	344.7
65,0°	271.3	328.2	375.9	413.8	447.3	484.1	550.9	700.4	850.2	929.9	968.3	968.6	933.7	796.3	636.0	412.9	270.9
66,0°	260.7	324.1	376.4	417.3	455.2	497.8	577.5	731.2	861.4	918.5	942.0	910.5	817.6	667.8	498.3	320.4	211.6
67,0°	242.1	309.6	370.6	413.8	457.9	506.5	598.6	749.6	856.5	895.8	909.5	846.8	716.1	549.4	388.9	251.4	171.6
68,0°	207.7	278.8	346.3	392.1	438.6	495.5	601.0	737.0	817.1	839.4	839.8	749.3	599.0	427.4	295.7	193.6	140.2
69,0°	185.6	265.7	338.8	389.0	432.3	495.9	605.3	724.9	782.9	784.0	760.7	650.3	496.7	332.8	225.3	156.6	121.0
70,0°	163.3	252.9	336.2	393.6	440.2	512.4	621.0	719.1	751.7	730.2	687.8	549.4	403.7	257.7	179.3	127.3	102.8
71,0°	139.7	241.0	336.6	398.1	448.0	523.2	628.5	701.6	707.2	676.3	608.0	461.5	312.5	203.3	146.6	110.1	89.0
72,0°	119.5	227.5	335.4	398.6	449.2	521.8	615.3	661.7	649.4	608.2	527.4	378.0	243.0	162.9	123.4	95.4	78.9
73,0°	99.2	207.2	323.9	387.5	433.9	495.2	569.7	587.2	566.1	520.3	431.0	286.6	180.0	129.0	102.4	81.3	65.9

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	127,5°	130,0°	132,5°	135,0°	137,5°	140,0°	142,5°	145,0°	147,5°	150,0°	152,5°	155,0°	157,5°	160,0°	162,5°	165,0°	167,5°
γ	Luminous intensity in cd/klm																
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3
2,5°	248.5	248.6	249.2	249.3	249.6	249.6	250.3	250.5	250.9	250.9	251.3	251.3	251.7	251.6	251.9	251.8	252.1
5,0°	257.8	258.2	259.2	259.4	260.0	260.4	261.4	261.6	262.4	262.4	263.1	263.1	263.8	263.8	264.5	264.3	265.0
7,5°	269.6	270.5	272.2	273.2	274.4	275.3	276.9	277.5	278.6	279.0	280.0	280.2	281.1	281.1	281.5	281.4	281.7
10,0°	284.4	285.9	288.0	289.0	289.9	289.5	288.7	287.3	284.9	283.6	281.9	281.0	280.0	279.5	279.0	278.8	278.4
12,5°	293.0	291.3	289.2	287.9	287.0	286.6	286.7	286.2	286.4	285.8	285.9	285.1	285.0	284.2	284.1	283.4	283.1
15,0°	291.6	292.4	294.0	294.5	295.1	294.8	294.3	293.3	292.6	291.6	290.5	289.5	288.5	287.5	286.5	285.4	284.6
17,5°	301.4	302.0	302.0	301.5	300.9	299.7	298.4	296.9	295.5	294.1	292.8	291.2	289.7	288.3	287.1	285.8	284.5
20,0°	310.0	308.9	307.8	306.2	304.9	303.2	301.3	299.4	297.5	295.7	293.8	291.9	290.0	288.3	286.6	285.1	283.6
22,5°	316.4	314.4	312.1	309.9	307.6	305.3	303.0	300.8	298.6	296.4	294.2	292.0	289.9	287.9	286.0	284.2	282.6
25,0°	321.9	318.8	315.9	312.7	310.1	307.4	304.7	302.1	299.7	297.2	294.8	292.6	290.7	289.0	287.8	286.3	285.4
27,5°	327.4	323.9	320.3	316.8	313.6	310.4	307.2	304.4	302.2	300.5	299.4	298.9	299.5	300.3	301.8	302.6	303.7
30,0°	334.0	330.3	326.3	322.4	318.8	315.4	312.9	311.0	311.2	312.9	316.4	319.7	323.9	326.3	329.2	329.7	330.3
32,5°	342.9	338.8	335.4	331.3	328.7	326.5	328.5	331.0	338.7	343.5	351.1	354.1	358.3	358.4	359.9	358.0	357.8
35,0°	354.3	351.6	347.8	345.2	346.3	351.0	359.4	367.7	376.8	383.1	388.2	390.1	389.7	387.3	384.3	380.5	376.4
37,5°	368.8	367.7	368.5	372.2	381.7	392.5	405.1	413.7	421.0	423.5	423.4	418.6	412.3	404.0	396.9	390.3	384.6
40,0°	389.7	392.8	403.9	416.6	433.9	446.3	458.1	462.3	463.5	457.7	449.7	438.3	427.7	417.2	408.5	400.6	394.2
42,5°	428.7	442.5	464.7	482.8	500.1	508.2	511.7	505.5	493.9	479.3	464.4	448.7	433.3	418.5	404.1	392.3	380.8
45,0°	495.0	518.4	541.6	555.9	562.3	556.7	541.7	522.3	498.6	474.9	450.6	426.4	403.4	382.9	363.8	348.1	334.2
46,0°	528.1	551.8	571.2	580.2	579.4	565.8	543.3	518.7	490.6	463.3	435.1	408.5	383.8	362.1	342.5	326.5	312.5
47,0°	566.9	586.9	601.2	602.1	591.0	568.1	538.5	508.5	475.3	444.6	412.6	383.4	357.0	335.2	315.3	299.9	284.9
48,0°	602.9	616.4	624.0	616.0	594.0	564.2	527.9	493.3	454.6	421.2	385.8	356.7	328.9	307.8	286.5	272.1	257.1
49,0°	641.6	643.6	642.9	623.5	590.0	553.8	508.5	470.7	424.1	391.1	350.9	324.6	292.6	275.5	252.2	241.8	224.9
50,0°	674.8	669.4	653.3	623.5	578.7	534.4	483.1	437.3	389.0	352.2	314.1	285.4	257.8	239.3	220.0	208.4	195.5
51,0°	707.9	688.3	656.8	613.8	559.6	508.2	447.8	397.7	347.8	311.2	274.7	247.8	222.2	205.3	188.0	178.1	167.5
52,0°	741.4	703.3	651.5	593.2	527.8	468.1	399.4	349.5	301.3	266.9	233.3	207.9	185.2	170.6	156.6	148.6	140.8
53,0°	770.4	710.6	636.6	563.4	485.7	418.7	350.9	303.0	258.5	226.1	195.6	172.1	153.2	140.8	129.9	124.1	118.8
54,0°	795.0	708.4	610.6	521.4	434.9	365.9	302.6	257.8	216.6	187.6	160.7	140.2	124.6	115.2	106.8	103.3	98.8
55,0°	810.1	690.0	566.8	467.3	376.4	309.6	250.2	211.1	174.5	150.5	127.0	111.1	99.2	92.2	85.5	83.5	79.8
56,0°	804.0	654.0	513.8	413.2	323.1	260.0	206.5	173.3	141.1	122.0	103.1	91.0	81.5	75.7	70.0	68.5	65.9
57,0°	768.5	603.1	449.5	358.9	269.9	218.1	167.7	143.0	115.0	102.2	86.7	78.0	68.3	63.9	58.6	58.5	56.2
58,0°	710.6	531.0	386.8	299.6	224.4	177.6	140.6	120.0	100.2	89.3	76.9	67.5	59.5	55.2	52.1	51.8	51.1
59,0°	633.9	458.1	323.6	247.1	182.3	148.1	124.1	107.7	92.5	81.8	69.4	59.8	53.0	50.3	48.6	48.4	47.9
60,0°	537.0	378.3	259.2	193.2	145.4	126.1	114.3	102.1	88.3	75.5	62.2	53.2	48.4	47.0	46.0	45.8	45.3
61,0°	445.4	306.9	205.5	155.9	123.4	113.0	108.6	99.7	84.4	70.4	56.4	48.9	45.7	44.6	43.8	43.6	43.1
62,0°	359.9	237.9	159.3	128.5	109.6	105.1	102.8	94.6	80.3	64.9	52.1	45.5	42.3	41.2	40.2	39.7	39.0
63,0°	276.4	173.6	114.3	104.3	98.5	97.5	94.9	86.9	74.0	60.2	48.9	40.2	37.8	37.5	37.8	37.7	37.8
64,0°	216.4	136.0	89.8	83.8	86.7	88.6	86.7	79.1	68.0	56.9	46.7	38.0	36.0	36.8	37.8	39.5	39.4
65,0°	171.1	113.5	78.6	70.9	68.7	78.4	76.9	70.7	61.2	53.7	44.5	36.5	34.3	36.1	36.8	37.8	36.3
66,0°	142.5	99.2	72.4	63.9	58.3	63.2	65.9	61.3	55.2	50.3	42.8	35.1	33.2	34.4	34.6	34.9	34.1
67,0°	123.2	89.5	67.0	59.5	52.7	52.5	53.3	53.5	50.6	47.0	40.9	34.1	32.4	32.9	33.1	33.1	32.2
68,0°	106.5	79.1	61.2	55.0	47.9	45.7	45.2	46.5	46.2	43.5	38.3	32.9	31.4	31.7	31.5	31.4	30.5
69,0°	95.3	71.6	56.4	50.3	43.3	41.8	41.6	42.4	42.3	40.0	35.4	31.2	29.8	30.2	29.7	29.5	28.6
70,0°	84.7	65.4	49.8	44.8	39.9	38.7	38.5	38.9	37.5	36.1	31.9	29.1	27.8	28.1	27.4	27.4	26.4
71,0°	73.3	57.4	45.3	40.6	37.7	35.4	34.8	34.6	33.4	31.9	28.8	26.6	25.7	25.6	25.1	24.9	24.0
72,0°	63.4	48.9	40.7	38.2	36.0	32.4	30.8	30.7	29.8	28.6	26.1	24.4	23.5	23.2	22.7	22.3	21.6
73,0°	53.0	42.8	37.0	36.6	33.2	29.0	26.9	26.4	26.2	25.4	23.3	22.0	21.1	20.6	19.9	19.4	18.7

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	170,0°	172,5°	175,0°	177,5°	180,0°	182,5°	185,0°	187,5°	190,0°	192,5°	195,0°	197,5°	200,0°	202,5°	205,0°	207,5°	210,0°
γ	Luminous intensity in cd/klm																
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3
2,5°	251.9	252.1	251.9	252.3	252.1	252.5	252.1	252.1	251.4	251.4	250.8	250.8	250.4	250.4	249.9	249.8	249.1
5,0°	264.6	265.0	264.6	265.3	265.0	265.5	265.0	265.0	264.0	264.0	263.1	263.1	262.4	262.3	261.2	260.9	259.9
7,5°	281.5	281.5	281.3	281.6	281.6	281.9	281.5	281.3	280.7	280.3	279.7	279.6	279.0	278.5	277.3	276.6	275.2
10,0°	278.1	277.8	277.8	277.8	277.9	277.9	277.8	277.4	277.1	276.7	276.6	276.4	276.6	276.6	276.9	277.3	278.4
12,5°	282.4	282.1	281.7	281.9	281.7	281.9	281.4	281.2	280.6	280.3	280.0	280.0	279.6	279.5	278.8	278.6	278.1
15,0°	283.7	282.9	282.5	282.2	282.2	281.9	281.7	281.3	281.0	280.7	280.8	281.0	281.0	281.0	280.8	281.0	281.2
17,5°	283.2	282.1	281.6	281.2	280.9	280.6	280.3	279.8	279.6	279.5	279.7	279.9	280.1	280.2	280.3	280.7	281.3
20,0°	282.0	280.8	280.2	279.5	279.3	278.8	278.6	278.1	277.9	277.9	278.3	278.6	279.1	279.5	279.8	280.3	281.0
22,5°	280.9	279.6	278.7	278.2	277.9	277.6	277.2	276.7	276.4	276.4	276.7	277.3	277.8	278.3	279.0	279.9	281.0
25,0°	284.1	283.9	282.7	283.2	282.2	282.5	281.2	280.7	279.3	279.0	278.3	278.3	278.3	278.6	279.1	280.0	281.2
27,5°	303.8	304.2	303.9	304.1	303.8	303.4	302.2	300.9	299.1	296.9	294.2	291.9	289.2	286.9	284.8	283.8	283.6
30,0°	329.4	329.2	328.2	328.0	327.4	327.2	326.3	326.0	324.6	323.4	320.9	318.8	314.6	310.7	305.0	299.9	295.1
32,5°	355.0	354.3	352.2	352.1	350.7	351.0	350.0	350.2	348.7	348.7	347.0	346.9	344.4	343.6	338.9	334.9	326.6
35,0°	371.3	367.4	364.8	363.0	361.8	361.3	361.4	362.3	363.5	365.2	367.1	368.9	370.3	372.0	371.7	370.0	365.5
37,5°	378.9	374.7	371.5	369.2	367.9	367.5	367.4	368.0	369.4	371.7	374.8	378.8	384.4	391.2	397.6	402.8	404.4
40,0°	387.3	382.4	378.5	375.7	374.4	373.7	374.0	375.1	376.8	379.7	383.4	388.7	395.9	404.7	415.1	426.4	436.2
42,5°	371.9	362.8	357.6	352.4	351.7	350.7	353.3	355.6	361.3	367.3	375.9	385.0	397.2	410.2	425.3	440.8	456.7
45,0°	322.8	312.2	305.7	300.4	298.9	298.6	301.1	305.4	312.7	321.6	333.3	346.6	364.3	383.9	407.4	431.8	457.2
46,0°	300.4	289.9	283.2	278.1	276.6	275.9	279.1	283.4	291.2	300.8	312.7	326.5	345.1	366.0	391.8	418.9	447.8
47,0°	273.8	262.8	257.3	251.7	251.0	250.2	253.2	257.1	265.5	275.2	288.2	301.8	321.4	343.0	370.6	399.9	432.5
48,0°	247.1	236.4	232.3	226.6	226.6	225.4	229.0	232.1	240.4	249.1	262.4	275.5	296.3	317.6	346.6	377.1	413.4
49,0°	219.0	206.5	206.0	198.5	201.6	198.0	203.8	203.3	213.5	218.0	233.8	243.0	266.7	284.2	317.5	345.1	387.5
50,0°	188.3	180.1	177.9	173.5	174.5	172.8	176.0	177.6	183.7	189.8	201.3	212.2	231.8	251.2	280.0	310.3	350.4
51,0°	161.9	155.1	153.5	149.8	150.6	149.4	152.0	152.9	158.5	163.1	173.0	182.0	199.7	217.3	244.9	272.8	311.7
52,0°	136.7	131.7	130.4	127.5	128.0	127.1	128.7	129.5	133.4	137.3	144.8	152.7	167.5	182.8	206.7	233.5	268.7
53,0°	115.5	112.1	110.9	108.7	109.2	108.6	109.7	110.4	113.5	116.4	121.8	128.0	139.7	153.0	173.6	197.8	230.6
54,0°	96.3	94.1	93.2	91.9	92.5	92.0	92.7	92.9	95.3	97.0	101.4	106.0	115.0	125.3	142.3	163.1	193.1
55,0°	78.2	77.4	77.5	76.9	77.7	77.0	77.0	76.3	77.4	78.0	81.6	84.5	91.7	99.3	112.3	128.7	154.4
56,0°	65.6	65.4	66.5	66.3	67.1	66.3	65.9	64.1	64.1	63.6	66.5	68.0	73.8	79.6	90.1	102.2	123.5
57,0°	57.1	56.4	58.5	57.8	59.3	57.4	57.4	54.5	54.7	52.8	55.0	55.4	60.8	64.2	73.6	82.0	99.7
58,0°	51.3	51.0	51.6	51.5	52.0	51.0	50.3	48.4	47.9	47.0	47.9	48.4	51.3	55.0	61.9	69.7	82.3
59,0°	47.9	47.2	47.4	47.0	47.2	46.2	45.7	44.5	44.1	43.8	44.3	44.5	46.4	48.7	54.7	61.9	73.1
60,0°	45.0	44.3	44.3	43.8	43.8	42.9	42.4	41.6	41.6	41.2	41.8	41.9	42.9	44.3	48.6	55.4	65.1
61,0°	42.8	42.1	41.8	41.2	41.2	40.4	40.2	39.5	39.7	39.5	39.9	40.2	40.7	41.4	44.3	49.9	58.5
62,0°	38.7	37.8	37.3	36.8	36.8	36.1	36.0	35.4	36.0	35.8	36.3	36.5	37.3	38.2	41.1	45.2	51.8
63,0°	37.7	36.6	36.0	35.4	35.1	34.6	34.4	34.3	34.6	34.1	33.7	33.7	33.6	33.6	35.3	40.9	44.1
64,0°	39.0	38.2	37.3	37.1	36.8	36.5	36.8	36.5	36.8	36.1	34.9	34.6	32.7	31.7	32.7	37.5	38.0
65,0°	36.6	35.4	35.4	33.9	33.7	33.1	33.9	33.1	34.3	33.7	34.4	34.3	32.9	30.0	31.2	33.9	34.4
66,0°	33.6	32.7	32.4	31.5	31.0	30.7	31.0	30.7	31.0	31.0	31.9	31.9	30.8	29.0	29.7	31.2	32.2
67,0°	31.7	30.8	30.3	29.7	29.1	28.8	29.1	29.0	29.1	29.1	30.0	29.8	29.0	28.1	28.6	29.7	30.7
68,0°	30.0	29.0	28.5	27.8	27.3	26.9	27.1	26.9	27.4	27.6	28.5	28.5	28.1	27.3	27.6	28.5	29.3
69,0°	28.1	27.1	26.6	25.9	25.6	25.1	25.4	25.1	25.6	26.1	26.9	27.1	27.1	26.4	26.8	27.3	28.1
70,0°	26.1	25.1	24.9	24.0	23.7	23.2	23.5	23.0	23.7	23.9	25.1	25.1	25.4	24.9	25.4	25.4	26.6
71,0°	23.9	23.0	22.8	22.2	21.6	21.3	21.3	21.1	21.6	22.0	22.7	22.8	23.2	23.0	23.3	23.3	24.4
72,0°	21.3	20.8	20.4	19.9	19.6	19.1	19.1	18.9	19.3	19.6	20.3	20.4	20.8	21.0	21.3	21.3	22.3
73,0°	18.6	18.1	17.9	17.4	17.0	16.5	16.7	16.4	16.7	16.9	17.4	17.7	18.1	18.6	19.1	19.1	19.9

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	212,5°	215,0°	217,5°	220,0°	222,5°	225,0°	227,5°	230,0°	232,5°	235,0°	237,5°	240,0°	242,5°	245,0°	247,5°	250,0°	252,5°
γ	Luminous intensity in cd/klm																
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3
2,5°	249.1	248.6	248.6	248.1	248.0	247.5	247.3	246.8	246.7	246.2	245.9	245.2	245.0	244.5	244.1	243.5	243.2
5,0°	259.5	258.7	258.3	257.5	257.0	256.1	255.6	254.8	254.2	253.4	252.5	251.5	251.0	250.2	249.5	248.5	247.8
7,5°	274.3	272.7	271.6	270.0	268.8	267.3	266.1	264.6	263.3	261.7	260.2	258.8	257.4	256.0	254.7	253.2	252.0
10,0°	279.3	280.8	281.5	281.9	281.9	280.8	279.5	277.3	275.0	272.1	269.6	267.2	265.0	262.6	260.7	258.5	256.8
12,5°	277.9	277.3	276.7	276.2	276.1	277.2	278.3	280.4	281.5	281.4	280.3	277.5	274.9	271.0	268.2	264.9	262.5
15,0°	281.3	281.3	281.2	281.0	280.7	279.8	278.8	277.3	276.6	276.9	279.1	282.0	282.7	281.0	277.6	273.3	269.9
17,5°	281.9	282.4	282.7	283.1	283.6	283.9	284.2	284.2	283.0	281.4	279.9	279.4	280.6	283.1	284.3	282.5	278.6
20,0°	281.9	282.7	283.7	284.8	285.8	286.8	288.2	288.8	289.7	289.7	289.4	287.1	285.4	283.6	284.8	287.3	287.1
22,5°	282.3	283.6	284.8	286.2	287.7	289.4	291.2	293.0	294.9	296.3	297.7	298.0	296.7	293.8	291.1	289.8	291.1
25,0°	282.7	284.2	286.1	288.0	289.9	291.6	294.3	296.9	300.1	302.8	306.1	307.6	308.6	306.4	303.5	298.9	296.5
27,5°	284.4	285.9	288.0	290.1	292.5	295.1	298.1	301.5	305.5	309.5	313.6	317.0	319.1	318.7	316.2	311.8	306.9
30,0°	292.6	291.6	292.4	294.1	296.9	299.9	303.5	307.1	311.5	315.9	320.9	325.3	328.5	329.4	328.0	323.6	318.7
32,5°	320.5	312.1	308.1	305.0	306.0	307.7	310.9	314.1	318.7	322.9	328.4	333.1	337.6	339.2	338.9	335.1	330.1
35,0°	359.6	350.7	340.8	331.1	324.5	321.6	321.6	323.6	326.8	330.8	335.9	341.2	345.6	348.1	348.0	344.7	339.6
37,5°	403.0	396.8	388.4	376.1	363.1	350.4	342.2	338.7	339.1	341.5	345.4	350.0	354.8	357.5	357.0	353.3	347.8
40,0°	443.9	444.6	440.7	429.4	416.3	398.2	380.4	365.5	358.5	356.3	358.0	361.1	365.0	367.1	366.0	361.6	356.0
42,5°	472.3	484.2	490.9	487.7	478.7	461.4	440.8	417.6	397.6	383.8	378.6	377.4	378.3	378.6	377.2	372.7	367.5
45,0°	479.5	500.1	518.0	531.0	535.8	529.1	512.4	490.4	463.7	436.9	416.1	404.5	399.1	395.7	392.8	388.4	382.2
46,0°	473.7	498.1	520.1	538.7	550.9	551.3	539.5	520.9	495.5	466.1	439.3	421.1	411.2	405.4	401.1	395.5	388.2
47,0°	461.8	490.3	516.5	540.5	560.5	570.0	566.9	553.0	531.3	501.2	468.8	444.3	429.1	418.9	412.2	403.4	391.8
48,0°	445.8	478.8	508.3	537.0	563.0	581.1	586.7	579.2	561.8	533.5	499.6	469.6	449.5	433.9	422.3	408.1	391.4
49,0°	420.2	461.3	493.7	528.8	559.1	586.2	601.9	599.5	591.3	564.9	535.8	498.6	475.3	450.0	431.8	410.0	387.3
50,0°	388.2	432.3	472.4	512.9	550.1	584.7	607.8	615.2	612.1	594.9	567.5	530.5	498.1	466.7	438.5	408.8	379.5
51,0°	348.5	395.0	440.0	489.4	533.9	575.3	605.8	622.5	626.9	615.7	591.3	552.8	516.2	478.8	440.3	400.8	361.9
52,0°	303.5	347.5	394.8	449.4	503.7	553.5	594.9	621.6	633.6	626.4	602.1	562.3	521.3	479.0	428.7	376.8	328.4
53,0°	262.6	303.2	348.1	403.2	460.6	520.8	573.8	610.1	629.0	621.8	595.4	553.1	505.9	459.6	401.3	341.3	286.6
54,0°	222.7	259.7	300.9	350.9	407.6	474.8	538.1	587.4	614.3	603.8	570.5	525.2	470.5	421.6	359.6	296.7	240.6
55,0°	180.5	214.0	248.8	293.1	345.8	411.9	483.6	549.4	582.8	567.1	522.8	474.9	414.6	365.0	305.2	245.2	192.6
56,0°	144.5	173.8	201.4	242.5	289.2	351.0	424.0	500.5	536.6	519.2	466.6	419.9	358.5	310.8	256.3	204.0	159.2
57,0°	113.7	137.7	156.3	193.4	231.6	295.3	358.2	441.9	475.8	465.7	407.6	368.1	306.9	266.3	219.1	178.1	144.0
58,0°	92.2	105.7	118.6	138.2	183.0	240.4	301.6	374.4	414.3	406.6	360.1	321.4	273.0	236.2	203.8	171.4	148.8
59,0°	78.6	84.9	83.5	98.8	142.3	195.8	250.8	317.6	354.4	354.3	321.9	290.5	253.9	226.3	205.7	183.4	167.0
60,0°	69.7	67.1	61.3	73.8	108.4	151.3	202.3	262.3	298.6	303.2	290.7	270.8	247.4	230.2	222.2	209.6	196.8
61,0°	60.8	54.0	53.3	62.0	87.1	121.3	163.1	218.6	254.9	265.7	265.8	262.1	248.8	241.6	244.7	240.8	230.2
62,0°	50.1	47.5	49.4	56.4	75.7	100.5	133.8	179.6	218.1	234.8	243.5	253.7	253.6	257.3	270.6	274.9	267.4
63,0°	41.9	42.9	46.0	52.5	69.4	87.9	110.6	146.9	182.3	204.8	221.9	238.6	257.8	275.9	300.3	312.7	310.7
64,0°	37.8	39.9	43.3	49.4	65.8	82.5	98.2	124.2	155.8	179.6	202.1	222.2	254.6	292.4	326.0	345.2	348.3
65,0°	34.9	37.5	40.4	47.0	62.0	79.6	90.8	109.1	131.7	157.5	177.4	206.7	244.4	300.8	350.7	373.4	383.8
66,0°	33.1	35.1	38.2	44.5	59.0	76.0	86.2	98.5	115.9	136.7	155.8	188.0	229.7	298.0	361.9	397.7	409.1
67,0°	31.4	33.4	36.1	42.1	55.4	71.9	81.5	91.7	103.9	121.2	136.8	165.3	212.7	286.3	359.7	409.8	427.9
68,0°	30.0	31.5	34.1	39.7	50.6	66.3	75.5	83.8	93.0	105.0	118.1	140.6	186.9	264.5	344.9	407.3	436.8
69,0°	29.0	30.3	32.0	37.0	46.4	60.3	68.8	76.5	84.9	94.7	102.8	119.5	160.4	237.9	322.1	393.3	430.5
70,0°	27.6	29.3	30.3	34.4	41.1	53.2	61.7	70.4	78.2	86.9	92.0	102.6	133.3	206.4	289.4	369.4	410.2
71,0°	25.9	27.3	28.8	31.7	36.6	45.2	55.0	63.9	71.2	79.1	84.0	90.1	112.8	173.3	254.1	330.6	368.9
72,0°	23.7	24.9	26.2	29.1	32.7	38.2	47.4	55.6	62.9	71.2	76.5	80.9	96.5	144.2	213.2	286.6	329.7
73,0°	21.3	22.3	23.2	25.9	29.1	32.4	38.5	46.4	54.4	62.4	67.5	70.0	81.1	116.4	173.8	239.9	282.5

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	255,0°	257,5°	260,0°	262,5°	265,0°	267,5°	270,0°	272,5°	275,0°	277,5°	280,0°	282,5°	285,0°	287,5°	290,0°	292,5°	295,0°
γ	Luminous intensity in cd/klm																
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3
2,5°	242.7	242.4	241.9	241.4	241.0	240.5	240.4	240.2	239.6	238.9	238.2	237.6	237.2	236.9	236.7	236.4	236.2
5,0°	246.9	246.1	244.9	243.9	242.8	242.0	241.3	240.6	239.6	238.6	237.5	236.7	236.2	235.8	235.7	235.5	235.3
7,5°	250.8	249.5	247.9	246.4	245.0	243.6	242.4	241.0	239.6	238.1	236.8	235.8	235.5	235.2	235.1	234.7	234.1
10,0°	254.9	253.1	251.0	249.1	247.4	245.6	243.7	242.0	240.1	237.9	236.4	235.5	234.8	234.7	234.1	232.9	231.1
12,5°	259.5	257.2	254.6	252.5	250.4	248.5	246.2	243.9	241.4	238.9	236.8	235.7	234.8	234.3	233.0	230.6	227.8
15,0°	266.2	262.8	259.4	256.8	254.4	252.4	249.8	247.1	244.2	241.5	238.6	236.9	235.8	235.0	232.4	229.4	225.8
17,5°	274.0	269.6	265.1	261.4	258.7	256.2	253.7	250.8	247.7	244.2	240.9	238.6	237.5	236.3	233.1	229.5	225.1
20,0°	282.9	277.9	271.6	266.9	262.8	259.9	257.0	254.2	250.7	246.6	242.8	240.3	238.9	237.4	233.8	229.4	223.7
22,5°	291.1	287.6	280.9	274.3	268.7	264.6	261.2	257.8	254.0	249.5	245.3	241.9	240.2	238.2	234.1	228.0	221.4
25,0°	296.3	296.3	291.7	284.6	277.1	271.5	266.5	262.4	257.7	253.1	248.3	244.2	241.5	239.3	233.8	226.1	219.3
27,5°	302.6	301.5	300.4	294.6	286.9	279.3	272.9	267.2	261.7	256.3	251.2	246.2	242.5	239.4	232.6	224.4	215.5
30,0°	312.2	306.9	305.2	303.0	295.7	286.8	278.8	271.5	265.0	258.8	253.1	247.1	241.6	237.5	229.2	220.3	208.7
32,5°	322.8	315.3	309.3	307.9	303.5	294.5	285.1	276.5	268.5	261.7	254.8	247.7	240.5	234.7	225.4	213.9	201.5
35,0°	333.1	324.5	315.4	311.0	309.3	301.8	291.6	282.0	272.8	264.3	256.6	248.1	239.1	231.2	220.5	207.0	192.0
37,5°	341.4	333.3	323.1	315.5	313.1	308.4	298.4	289.1	278.3	267.9	258.4	248.1	236.8	227.6	213.9	198.4	181.1
40,0°	349.8	343.4	333.5	324.8	319.3	315.6	306.1	296.3	284.1	271.5	259.9	246.9	233.3	222.4	205.7	188.3	169.2
42,5°	361.9	355.7	345.8	335.6	326.9	320.5	310.5	299.7	286.7	272.1	257.8	241.8	225.7	211.9	193.2	174.4	155.7
45,0°	374.6	365.7	353.8	341.7	330.6	320.4	309.6	297.5	284.4	268.4	251.5	232.8	214.0	198.2	176.5	157.5	139.9
46,0°	377.6	366.2	352.7	339.6	327.9	316.3	305.0	292.8	279.8	263.5	246.1	226.5	206.9	189.0	168.5	150.1	133.8
47,0°	376.8	362.8	348.5	334.5	322.6	310.1	298.7	286.1	273.2	256.5	238.7	218.1	198.2	179.3	159.0	141.4	126.4
48,0°	373.0	357.0	342.0	327.7	315.6	302.1	290.4	276.9	264.3	247.1	229.5	208.6	189.0	171.3	150.0	133.3	119.6
49,0°	366.5	347.1	332.6	315.1	303.8	285.9	275.2	257.8	247.9	228.3	214.7	192.6	176.7	156.8	140.2	124.1	112.8
50,0°	353.6	330.4	311.7	291.9	277.4	258.5	245.4	228.3	216.8	200.4	187.4	170.1	156.3	140.6	127.0	114.7	105.7
51,0°	329.9	300.8	279.5	256.0	240.8	219.8	206.7	189.5	179.6	164.3	155.1	141.3	132.2	120.3	110.8	103.1	98.5
52,0°	289.5	257.0	233.1	209.8	193.2	174.2	160.9	146.6	137.0	125.4	118.4	110.4	105.0	97.6	91.9	89.8	90.1
53,0°	245.4	212.0	188.5	166.7	151.7	135.3	124.1	112.5	104.6	95.9	91.5	87.1	84.2	79.8	76.5	78.9	83.8
54,0°	199.9	168.9	148.1	129.7	117.9	105.8	98.2	90.0	83.8	77.5	74.3	72.1	70.4	67.3	65.1	71.1	79.9
55,0°	156.8	131.7	116.6	104.5	97.5	90.8	86.1	80.8	75.8	70.4	67.3	65.4	63.7	60.3	58.3	66.6	78.0
56,0°	131.6	114.2	104.3	98.0	93.9	90.5	86.7	82.3	77.0	71.6	67.5	65.3	62.5	58.6	56.1	65.6	77.4
57,0°	124.4	114.0	106.2	103.3	99.2	97.3	92.5	88.3	81.6	75.8	70.4	67.5	63.6	58.8	55.9	65.9	77.0
58,0°	133.6	124.7	116.6	113.3	109.4	106.8	101.9	96.3	89.0	82.0	75.2	70.7	65.6	59.6	56.6	66.5	76.7
59,0°	151.8	141.8	130.9	127.0	122.0	119.5	113.5	107.0	98.2	89.8	81.1	75.0	68.2	61.2	57.6	66.8	76.0
60,0°	179.6	165.6	151.3	146.0	140.2	137.0	129.5	121.7	110.9	100.4	89.3	80.6	71.7	63.2	59.0	66.5	74.6
61,0°	210.1	192.4	174.0	167.0	160.2	156.3	147.4	137.5	124.6	111.4	97.6	86.4	75.5	65.6	60.3	65.6	72.3
62,0°	245.9	223.2	200.9	190.9	182.8	177.2	167.3	154.7	139.6	123.0	106.5	92.4	79.2	68.0	61.5	64.1	68.8
63,0°	288.5	261.2	233.5	219.7	209.3	201.4	189.7	174.2	155.9	135.5	115.7	98.3	83.2	70.5	62.5	62.4	64.6
64,0°	328.2	297.7	264.6	246.8	233.3	223.2	209.3	191.4	169.9	145.9	123.0	102.9	85.9	72.3	63.2	60.8	61.2
65,0°	365.5	336.9	295.8	275.4	256.1	245.2	226.8	208.1	182.2	155.2	129.0	106.5	87.8	73.6	63.7	60.0	58.6
66,0°	398.9	369.4	327.0	299.4	278.3	262.8	243.7	220.3	192.2	161.2	133.1	108.2	88.4	74.0	64.1	59.6	57.4
67,0°	421.9	396.2	352.4	319.9	295.8	276.9	255.4	229.2	198.2	164.3	134.6	108.2	88.1	73.6	63.9	59.5	56.7
68,0°	437.3	416.8	374.2	337.7	310.3	288.5	264.8	234.7	200.7	164.1	133.3	106.3	86.6	72.6	63.4	58.8	55.6
69,0°	441.9	426.0	387.7	349.0	319.2	294.6	269.2	235.8	199.5	160.9	129.7	102.9	84.2	71.1	62.2	57.6	54.0
70,0°	434.5	419.5	388.9	344.6	316.3	284.6	261.6	223.2	189.8	149.3	121.8	96.1	80.6	68.7	60.7	55.7	52.3
71,0°	391.1	385.8	360.9	322.2	294.5	268.4	242.0	209.1	172.6	135.1	107.9	86.2	72.9	63.6	57.3	53.0	50.3
72,0°	357.3	362.6	342.9	310.1	281.7	257.1	232.1	196.3	160.0	123.9	97.6	78.6	67.3	59.0	53.0	49.2	46.9
73,0°	308.9	316.3	309.1	276.2	250.3	230.7	208.4	173.6	138.5	106.3	84.2	68.0	59.8	53.5	48.7	45.7	43.1

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	297,5°	300,0°	302,5°	305,0°	307,5°	310,0°	312,5°	315,0°	317,5°	320,0°	322,5°	325,0°	327,5°	330,0°	332,5°	335,0°	337,5°
γ	Luminous intensity in cd/klm																
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3
2,5°	235.8	235.7	235.5	235.4	235.3	235.3	235.2	235.2	235.2	235.2	235.2	235.3	235.2	235.2	235.2	235.2	235.2
5,0°	235.2	235.0	234.7	234.3	233.8	233.3	232.6	232.1	231.2	230.7	229.9	229.5	228.5	228.2	227.3	227.2	226.5
7,5°	233.2	232.1	230.7	229.3	227.8	226.5	225.3	224.4	223.5	223.1	222.3	221.8	221.1	220.7	220.1	219.7	219.1
10,0°	229.2	227.2	225.1	223.4	222.2	221.5	220.3	219.3	218.0	216.9	215.2	213.9	212.2	211.3	210.1	209.6	209.1
12,5°	225.0	223.1	221.1	219.3	217.1	215.3	212.5	211.1	209.3	208.8	208.0	207.8	206.8	206.4	205.3	204.9	203.4
15,0°	222.9	220.0	217.1	213.5	209.9	208.1	206.7	205.7	203.8	201.9	199.5	197.8	195.5	194.1	192.0	190.5	188.1
17,5°	221.0	216.8	212.7	209.3	206.4	203.4	199.6	196.5	193.2	190.3	186.8	183.7	180.0	176.6	172.9	169.8	166.7
20,0°	218.6	214.0	209.6	204.7	199.5	195.3	190.2	185.9	180.5	176.0	169.0	165.0	159.8	157.6	154.7	153.4	151.0
22,5°	216.1	209.8	203.6	197.3	191.5	185.8	178.7	171.6	164.1	158.9	154.4	151.4	147.9	145.0	141.9	139.2	136.3
25,0°	211.3	203.3	196.0	189.0	181.1	173.0	162.9	157.1	152.2	148.3	142.5	138.9	133.4	129.9	125.4	123.5	122.2
27,5°	205.8	196.3	188.1	178.1	167.3	158.6	152.3	146.6	140.3	134.8	128.7	124.0	121.3	120.5	120.9	121.7	121.9
30,0°	198.4	188.1	177.4	164.1	155.6	148.8	140.9	134.3	127.3	121.8	119.3	119.1	120.0	120.1	118.9	116.4	114.3
32,5°	189.2	176.6	162.4	152.3	144.3	136.4	128.6	122.7	118.9	118.3	118.7	118.4	115.5	112.7	109.6	107.4	105.1
35,0°	178.2	161.9	150.3	141.1	132.1	125.3	119.1	117.9	117.6	118.1	115.0	111.6	107.5	105.0	102.6	101.1	99.3
37,5°	164.4	149.2	139.0	128.7	122.7	117.9	117.1	117.1	116.3	112.2	108.0	104.6	102.2	100.9	99.3	97.4	95.0
40,0°	151.7	138.5	127.0	120.5	116.0	115.5	115.4	114.5	109.6	105.5	101.7	100.2	99.3	98.2	95.9	92.9	89.3
42,5°	140.2	127.0	119.5	114.9	113.2	112.1	111.1	106.3	101.3	98.4	97.7	97.2	95.3	93.6	91.3	87.6	83.6
45,0°	125.9	115.7	113.7	111.6	109.9	107.5	102.6	97.6	92.5	90.0	90.5	91.7	90.8	88.6	85.4	82.5	79.6
46,0°	119.6	112.0	110.9	109.7	107.7	105.0	99.5	94.2	89.3	86.9	87.6	88.4	88.6	86.7	82.6	79.6	77.5
47,0°	112.6	107.9	107.4	106.8	104.8	101.4	95.9	90.8	86.1	83.8	84.4	85.5	85.7	83.3	79.2	76.5	75.0
48,0°	106.5	104.3	103.9	103.6	101.4	97.6	92.9	87.9	83.2	81.1	81.8	83.5	82.5	79.1	76.0	73.8	72.6
49,0°	100.4	100.4	99.7	99.7	96.8	93.9	89.3	84.9	80.3	78.6	79.4	80.9	77.9	74.6	72.4	71.4	70.2
50,0°	96.1	96.3	95.6	94.7	91.7	89.1	85.9	82.0	77.9	76.3	77.0	77.2	73.3	70.5	69.2	69.0	68.2
51,0°	92.7	92.9	91.5	89.6	86.2	84.4	82.1	79.1	75.8	74.3	74.1	72.8	68.8	67.5	66.5	66.6	66.5
52,0°	89.5	89.3	86.9	83.8	80.4	79.1	77.7	75.8	74.0	71.9	70.7	68.0	64.8	64.4	64.1	64.2	64.4
53,0°	87.1	86.4	83.0	78.7	75.3	74.5	73.6	73.1	71.9	70.0	67.7	63.9	61.9	62.4	62.2	62.2	62.5
54,0°	85.2	83.7	79.2	73.8	70.4	70.0	69.5	70.2	69.7	67.8	64.4	60.5	59.6	61.0	60.7	60.3	60.5
55,0°	83.8	80.9	75.3	69.2	65.6	65.1	65.4	66.8	67.0	65.4	61.2	57.6	57.6	60.5	59.3	58.5	58.3
56,0°	82.5	78.6	71.9	65.4	61.7	61.2	61.7	63.4	63.9	62.9	57.9	55.0	56.1	60.8	58.6	56.7	56.6
57,0°	80.4	75.7	68.5	62.0	58.1	57.9	58.1	60.0	60.7	59.8	55.0	53.2	54.7	61.3	58.1	55.4	54.7
58,0°	78.2	72.4	65.3	58.8	55.2	54.7	55.0	56.4	57.3	56.1	52.3	51.1	53.8	61.7	57.6	53.8	52.7
59,0°	75.8	69.5	62.2	56.1	52.7	52.0	52.3	53.3	53.8	52.5	49.9	49.4	53.5	61.0	56.4	52.1	50.3
60,0°	73.1	67.0	59.5	53.3	49.9	49.2	49.6	50.4	50.3	48.9	47.4	47.5	53.2	59.6	54.7	49.9	47.2
61,0°	70.2	64.4	57.4	51.3	47.9	47.2	47.2	47.7	47.4	46.0	45.3	46.0	52.7	58.1	52.7	47.0	44.0
62,0°	66.8	62.0	55.7	49.4	46.2	45.2	45.0	45.2	44.8	43.8	43.3	44.5	51.5	56.1	50.4	44.1	40.7
63,0°	62.4	58.5	53.0	47.5	44.3	42.9	42.4	42.6	42.1	41.4	41.4	42.6	49.4	53.5	48.4	41.6	38.0
64,0°	58.6	54.9	50.1	45.5	42.6	41.1	40.4	40.4	39.9	39.5	39.5	40.7	47.0	50.8	46.5	40.0	36.1
65,0°	55.6	51.6	46.7	42.9	40.6	39.4	38.3	38.3	37.7	37.8	37.5	38.7	43.8	47.9	44.1	38.7	34.4
66,0°	53.8	48.9	44.0	40.2	38.5	37.3	36.5	36.3	36.0	36.0	35.6	36.3	40.6	44.5	41.8	37.3	33.2
67,0°	52.5	47.0	41.8	38.2	36.6	35.6	34.8	34.6	34.3	34.1	33.9	34.3	37.5	41.1	39.5	36.1	32.2
68,0°	50.8	45.0	39.5	36.1	34.4	33.4	32.7	32.5	32.2	32.2	31.9	31.9	34.1	37.7	37.0	34.6	31.0
69,0°	49.2	43.5	38.0	34.4	32.7	31.7	30.8	30.8	30.7	30.5	30.2	29.8	31.2	34.6	34.6	33.2	30.0
70,0°	47.5	41.8	36.1	32.9	30.8	29.8	28.8	28.8	28.6	28.8	28.1	27.9	28.1	31.5	31.9	31.5	28.5
71,0°	45.7	39.7	34.6	31.0	29.5	28.1	27.3	26.9	26.9	26.9	26.4	25.7	25.9	28.1	29.5	29.5	27.1
72,0°	42.8	37.5	32.5	29.1	27.6	26.4	25.4	24.9	24.9	25.1	24.7	24.0	23.7	25.4	26.9	27.4	25.2
73,0°	39.4	34.4	30.2	27.3	25.7	24.7	23.5	22.8	22.8	23.0	22.8	22.0	21.3	22.5	23.9	24.7	23.2

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Table of values for luminous intensities		Maximum luminous intensity

sitEco

C- planes	340,0°	342,5°	345,0°	347,5°	350,0°	352,5°	355,0°	357,5°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm								Luminous flux in lm/klm	
0,0°	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	0.4	0.4
2,5°	235.3	235.4	235.7	235.8	236.0	236.0	236.2	236.4	2.9	3.3
5,0°	226.5	226.0	226.1	225.8	226.1	225.6	226.0	226.0	5.9	9.1
7,5°	218.9	218.5	218.4	218.0	217.9	217.5	217.7	217.8	8.9	18.0
10,0°	209.1	209.3	209.4	209.4	209.4	209.3	209.6	209.8	11.9	29.9
12,5°	203.1	201.8	201.8	200.6	200.6	199.5	200.1	199.3	14.8	44.7
15,0°	187.1	185.2	184.4	182.5	182.0	180.5	180.6	180.0	17.5	62.2
17,5°	164.7	162.7	161.8	160.7	160.2	159.5	159.6	159.4	20.1	82.3
20,0°	150.1	148.1	147.7	146.2	146.2	145.0	145.5	144.8	22.6	105.0
22,5°	134.1	131.7	130.4	129.0	128.5	127.9	128.0	127.9	25.1	130.0
25,0°	122.5	123.4	124.1	124.7	125.1	125.1	125.4	125.6	27.6	157.6
27,5°	121.3	120.4	119.6	118.3	117.5	116.6	116.5	116.2	30.4	188.1
30,0°	112.3	110.3	108.9	107.5	106.5	105.3	105.0	104.5	33.5	221.5
32,5°	103.4	101.5	100.3	98.5	97.3	95.7	95.0	94.0	36.8	258.3
35,0°	97.5	95.4	93.0	90.7	88.3	86.1	84.4	83.2	40.2	298.5
37,5°	92.0	88.7	85.1	81.6	78.5	75.8	73.9	72.4	43.7	342.2
40,0°	84.9	80.4	76.9	74.1	72.3	70.9	69.7	69.0	47.5	389.7
42,5°	80.3	77.8	75.7	73.9	72.4	71.2	70.3	69.6	51.1	440.7
45,0°	77.0	74.8	72.9	71.6	70.7	70.0	69.7	69.4	37.3	478.1
46,0°	75.2	73.3	72.1	70.9	70.2	69.5	69.4	69.0	21.8	499.9
47,0°	73.3	71.9	70.7	70.0	69.4	69.2	69.0	68.8	22.0	521.9
48,0°	71.7	70.5	69.9	69.2	68.8	68.7	68.7	68.7	22.2	544.1
49,0°	70.0	69.2	68.8	68.3	68.2	68.0	68.2	68.0	22.3	566.4
50,0°	68.2	68.0	67.8	67.5	67.3	67.3	67.5	67.5	22.2	588.7
51,0°	66.5	66.6	66.6	66.5	66.5	66.3	66.6	66.6	22.1	610.7
52,0°	64.6	64.9	65.1	65.1	65.1	65.1	65.4	65.4	21.8	632.5
53,0°	62.7	63.2	63.6	63.6	63.7	63.6	63.7	63.7	21.4	654.0
54,0°	61.0	61.5	62.0	61.9	61.9	61.5	61.7	61.7	21.1	675.0
55,0°	58.8	59.3	59.8	59.6	59.3	59.0	59.1	59.0	20.7	695.7
56,0°	56.6	57.3	57.4	57.1	56.9	56.4	56.6	56.4	20.3	716.0
57,0°	54.4	54.7	55.0	54.5	54.5	53.8	54.2	54.0	20.0	736.0
58,0°	51.8	52.1	52.7	52.5	52.5	52.0	52.1	52.0	19.6	755.6
59,0°	49.1	49.2	50.4	50.3	50.4	49.9	50.1	50.1	19.1	774.8
60,0°	46.0	46.4	47.5	47.7	47.9	47.4	47.5	47.4	18.4	793.1
61,0°	42.9	43.3	44.5	44.8	45.0	44.5	44.6	44.6	17.5	810.6
62,0°	39.7	39.9	40.9	41.4	41.6	41.2	41.4	41.4	16.6	827.1
63,0°	36.5	36.5	37.1	37.5	37.5	37.3	37.5	37.3	15.7	842.8
64,0°	34.4	34.3	34.3	34.4	34.4	34.3	34.3	34.1	15.1	858.0
65,0°	32.7	32.0	32.2	31.9	32.2	31.7	31.9	31.5	14.7	872.6
66,0°	31.2	30.5	30.3	30.0	30.3	30.0	30.0	29.8	14.3	886.9
67,0°	29.7	28.8	28.6	28.3	28.6	28.3	28.3	28.3	13.8	900.7
68,0°	28.1	26.9	26.8	26.2	26.6	26.4	26.4	26.4	13.0	913.7
69,0°	26.6	25.4	25.1	24.7	24.7	24.7	24.9	24.7	12.3	926.0
70,0°	25.2	23.7	23.5	22.8	23.2	23.0	23.3	23.2	11.5	937.5
71,0°	23.7	22.0	21.6	21.1	21.3	21.3	21.5	21.5	10.7	948.2
72,0°	22.2	20.4	19.9	19.4	19.4	19.4	19.6	19.8	9.8	958.0
73,0°	20.4	18.7	18.1	17.6	17.4	17.4	17.7	17.9	8.7	966.7

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0,0°	2,5°	5,0°	7,5°	10,0°	12,5°	15,0°	17,5°	20,0°	22,5°	25,0°	27,5°	30,0°	32,5°	35,0°	37,5°	40,0°
γ	Luminous intensity in cd/klm																
74,0°	16.4	16.4	16.7	16.7	17.0	17.6	18.7	19.8	21.5	23.5	26.1	26.8	25.4	23.2	22.3	22.0	22.8
75,0°	14.7	14.7	15.0	15.0	15.3	15.8	16.9	18.1	19.8	21.6	24.2	24.4	22.7	20.8	20.1	19.8	20.4
76,0°	12.8	12.8	13.3	13.1	13.6	13.8	15.0	16.0	18.1	19.8	21.8	21.1	19.4	18.2	17.7	17.4	17.9
77,0°	11.1	11.1	11.6	11.6	11.9	12.1	13.1	14.3	16.4	18.1	19.3	18.2	16.7	16.0	15.7	15.2	15.5
78,0°	9.5	9.5	10.1	9.7	10.2	10.4	11.4	12.4	14.7	15.8	16.7	15.0	14.5	13.8	13.6	12.8	13.1
79,0°	8.2	8.2	8.5	8.2	8.5	8.7	9.5	10.7	13.0	13.8	13.8	12.6	12.1	11.8	11.4	10.6	10.4
80,0°	6.6	6.6	7.0	6.8	7.0	7.2	7.8	8.9	10.6	11.2	11.4	10.6	10.2	9.9	9.4	8.7	8.5
81,0°	5.1	5.3	5.3	5.3	5.5	5.6	6.1	6.8	8.0	8.5	8.9	8.5	8.5	8.0	7.3	6.8	6.8
82,0°	4.1	4.4	4.6	4.6	4.9	4.6	4.8	4.9	5.6	6.1	6.6	6.5	6.5	5.8	5.6	5.3	5.5
83,0°	2.7	2.9	3.1	3.1	3.6	3.6	3.6	3.4	4.3	4.6	4.6	4.3	4.3	4.1	4.1	3.9	4.1
84,0°	1.5	1.5	1.7	1.7	1.9	2.2	2.2	2.4	3.4	3.4	2.9	2.6	2.7	2.7	2.9	2.7	2.9
85,0°	0.9	0.9	1.0	1.0	1.0	1.2	1.4	1.4	1.9	1.9	1.7	1.5	1.7	1.7	2.0	1.9	2.0
86,0°	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	1.0	0.9	1.0	0.9	1.0	1.2	1.4	1.2	1.4
87,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.7	0.7	0.7	0.9	0.9	1.0
88,0°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7
89,0°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.7	0.7	0.7
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	0.0	0.0	0.0

Photometric test report

Family
Streetlight 21 mini LED

Order number: 5XE2F31Y08GB
EAN: 4058352910092

LP number
59110_552

siteco

C- planes	42,5°	45,0°	47,5°	50,0°	52,5°	55,0°	57,5°	60,0°	62,5°	65,0°	67,5°	70,0°	72,5°	75,0°	77,5°	80,0°	82,5°
γ	Luminous intensity in cd/klm																
74,0°	23.0	24.2	25.6	28.1	32.0	37.8	42.6	44.6	41.9	38.5	31.5	29.5	26.9	28.1	29.0	32.5	42.1
75,0°	20.6	21.8	22.8	25.1	28.5	34.1	38.7	40.0	35.6	33.6	28.5	27.1	23.7	24.2	25.1	28.5	36.8
76,0°	18.1	19.1	19.9	21.5	24.5	29.8	33.7	34.1	30.7	30.2	26.1	24.5	21.0	20.8	21.8	25.2	32.5
77,0°	15.5	16.5	17.0	18.4	20.8	25.6	29.1	29.1	26.6	27.4	22.8	21.6	18.7	18.6	19.9	22.7	29.5
78,0°	12.8	14.0	14.3	15.7	17.2	20.6	21.8	22.7	21.5	22.8	18.2	18.4	17.0	16.7	18.2	20.3	26.1
79,0°	10.6	11.4	11.9	13.0	14.0	15.3	15.8	17.0	18.4	19.9	16.7	16.9	15.8	15.0	16.9	18.2	23.7
80,0°	8.7	9.4	9.9	10.4	11.2	11.9	12.6	14.1	15.8	17.2	15.7	15.3	14.7	13.3	15.5	17.2	21.5
81,0°	7.0	7.5	7.7	7.8	8.5	9.2	10.1	11.8	13.0	14.1	13.8	13.3	12.4	11.4	13.0	15.2	18.4
82,0°	5.5	5.8	6.0	6.3	6.8	7.2	7.8	9.2	9.9	10.9	11.6	10.4	9.4	9.7	10.9	13.0	15.3
83,0°	4.1	4.6	4.8	4.9	5.1	5.5	5.8	6.8	7.2	8.0	8.5	8.4	8.0	8.2	8.7	10.4	11.8
84,0°	2.9	3.2	3.4	3.6	3.7	3.9	4.1	4.6	4.8	5.5	5.8	6.5	6.3	6.3	6.3	7.3	7.8
85,0°	2.0	2.4	2.4	2.6	2.6	2.7	2.9	3.2	3.4	3.9	4.1	4.4	4.3	4.4	4.3	4.8	5.3
86,0°	1.4	1.5	1.5	1.7	1.7	1.9	1.9	2.2	2.2	2.7	2.9	3.2	2.9	2.9	2.7	3.2	3.1
87,0°	1.0	1.0	1.2	1.2	1.2	1.4	1.4	1.5	1.5	1.7	1.7	1.9	1.9	1.9	1.7	1.9	1.9
88,0°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.2
89,0°	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	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	0.0	0.0	0.0

Photometric test report

Family
Streetlight 21 mini LED

Order number: 5XE2F31Y08GB
EAN: 4058352910092

LP number
59110_552


siteco

C- planes	85,0°	87,5°	90,0°	92,5°	95,0°	97,5°	100,0°	102,5°	105,0°	107,5°	110,0°	112,5°	115,0°	117,5°	120,0°	122,5°	125,0°
γ	Luminous intensity in cd/klm																
74,0°	80.3	173.3	287.3	343.0	385.8	435.1	491.6	485.7	462.5	420.1	341.5	214.5	137.2	103.3	84.7	66.5	47.7
75,0°	68.0	146.4	251.2	301.3	334.2	370.0	408.3	390.7	371.5	332.3	262.6	155.9	103.4	82.5	69.4	49.8	33.7
76,0°	57.8	117.4	207.2	248.5	275.5	294.8	317.8	293.8	278.1	247.3	188.6	106.7	75.2	63.7	52.1	33.2	27.3
77,0°	48.9	89.3	151.2	181.8	201.9	211.5	228.2	208.7	201.4	178.6	130.4	71.7	53.3	45.7	34.8	25.6	23.3
78,0°	42.8	66.5	102.9	119.6	135.5	132.7	151.5	135.8	138.0	120.0	90.7	49.9	37.3	29.3	24.9	20.8	19.8
79,0°	38.3	57.1	77.7	90.1	91.9	88.8	94.2	91.0	90.7	80.9	61.0	37.8	29.0	23.7	20.3	17.2	16.2
80,0°	34.6	52.5	70.9	80.9	77.7	70.7	67.5	64.2	62.0	54.5	43.1	29.0	23.5	19.3	16.4	14.5	13.6
81,0°	29.5	44.5	60.8	69.0	68.2	59.5	52.7	47.0	42.3	36.1	30.0	22.0	18.6	15.0	13.0	11.8	11.2
82,0°	23.5	35.1	47.4	52.7	52.1	47.0	41.2	34.8	30.3	24.7	21.5	17.0	14.5	11.9	10.6	9.5	9.0
83,0°	17.0	24.5	34.4	38.0	39.4	35.8	31.5	26.2	22.0	17.6	15.2	12.6	10.9	9.2	8.2	7.3	7.0
84,0°	10.7	14.7	19.3	19.9	22.2	20.8	19.6	17.0	15.0	11.6	10.1	8.5	7.8	6.5	6.0	5.3	5.1
85,0°	6.8	8.2	10.6	10.7	12.3	12.6	13.3	11.2	9.9	7.8	6.8	5.6	5.1	4.4	4.3	3.7	3.7
86,0°	4.1	3.9	5.5	4.8	6.0	5.6	7.5	5.6	6.0	4.8	4.4	3.6	3.4	2.7	2.7	2.4	2.4
87,0°	2.2	2.0	2.6	2.4	2.7	2.6	2.9	2.7	2.7	2.4	2.4	2.0	2.0	1.7	1.7	1.5	1.5
88,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0
89,0°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7
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	0.0	0.0	0.0

Photometric test report

Family
Streetlight 21 mini LED

Order number: 5XE2F31Y08GB
EAN: 4058352910092


LP number
59110_552


C- planes	127,5°	130,0°	132,5°	135,0°	137,5°	140,0°	142,5°	145,0°	147,5°	150,0°	152,5°	155,0°	157,5°	160,0°	162,5°	165,0°	167,5°
γ	Luminous intensity in cd/klm																
74,0°	37.8	35.6	34.3	34.3	30.0	25.9	23.9	23.9	23.3	22.7	20.8	19.8	18.9	18.4	17.6	17.0	16.2
75,0°	29.5	30.5	31.5	31.0	26.9	23.2	20.8	21.1	20.6	20.1	18.4	17.6	16.9	16.2	15.3	14.8	14.1
76,0°	25.7	27.1	28.1	27.3	23.9	20.4	18.2	18.2	18.1	17.4	16.0	15.3	14.5	14.0	13.1	12.8	12.1
77,0°	22.5	24.4	25.4	24.2	21.3	18.2	16.0	15.8	15.7	15.2	14.0	13.6	12.8	12.3	11.6	11.2	10.6
78,0°	19.1	21.0	21.8	21.1	18.4	16.2	14.1	13.8	13.1	13.1	11.9	11.9	10.7	10.4	9.9	9.7	9.2
79,0°	15.8	17.2	18.4	18.1	16.4	14.3	13.0	12.1	11.2	10.9	10.2	10.1	9.2	8.9	8.4	8.4	8.2
80,0°	13.3	14.0	15.2	15.3	14.3	12.8	12.1	10.7	9.7	9.2	8.7	8.5	7.8	7.3	7.0	7.0	7.0
81,0°	10.6	10.6	11.4	12.1	11.6	10.7	10.7	9.0	8.0	7.5	7.0	7.0	6.3	6.0	5.6	5.6	5.6
82,0°	8.5	8.2	8.2	9.0	9.0	8.9	8.2	7.2	6.6	6.3	5.6	5.5	4.9	4.8	4.4	4.4	4.3
83,0°	6.5	6.3	6.0	6.5	6.6	6.6	5.8	5.5	5.1	4.8	4.3	4.1	3.7	3.6	3.4	3.2	3.1
84,0°	4.8	4.4	4.3	4.3	4.3	4.4	3.9	3.9	3.6	3.2	2.9	2.7	2.6	2.6	2.4	2.2	2.0
85,0°	3.2	3.2	2.9	2.9	2.7	2.7	2.6	2.6	2.4	2.0	1.9	1.9	1.7	1.7	1.5	1.4	1.2
86,0°	2.0	2.0	1.9	1.9	1.7	1.7	1.5	1.5	1.4	1.2	1.0	1.2	0.9	0.9	0.9	0.9	0.7
87,0°	1.4	1.4	1.2	1.2	1.0	1.0	0.9	0.9	0.7	0.7	0.5	0.5	0.5	0.5	0.3	0.3	0.3
88,0°	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89,0°	0.7	0.7	0.7	0.7	0.7	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
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	0.0	0.0	0.0

Photometric test report

Family
Streetlight 21 mini LED

Order number: 5XE2F31Y08GB
EAN: 4058352910092


LP number
59110_552


C- planes	170,0°	172,5°	175,0°	177,5°	180,0°	182,5°	185,0°	187,5°	190,0°	192,5°	195,0°	197,5°	200,0°	202,5°	205,0°	207,5°	210,0°
γ	Luminous intensity in cd/klm																
74,0°	16.0	15.7	15.7	15.2	14.8	14.5	14.5	14.1	14.5	14.5	15.2	15.3	15.8	16.4	17.0	17.0	17.9
75,0°	14.0	13.6	13.6	13.1	13.0	12.6	12.6	12.3	12.4	12.6	13.1	13.3	13.8	14.3	14.8	14.8	15.8
76,0°	11.9	11.8	11.8	11.4	11.2	10.9	10.9	10.6	10.7	10.7	11.2	11.4	11.9	12.3	12.8	12.8	14.0
77,0°	10.6	10.4	10.2	10.1	9.7	9.5	9.5	9.2	9.4	9.4	9.7	9.9	10.2	10.6	10.9	11.1	12.3
78,0°	9.2	9.0	9.2	8.9	8.7	8.5	8.5	8.0	8.2	8.0	8.4	8.2	8.9	8.9	9.2	9.4	10.6
79,0°	8.2	8.0	8.4	8.0	7.8	7.7	7.5	7.2	7.0	6.8	7.0	7.0	7.2	7.3	7.7	8.0	9.0
80,0°	7.2	6.8	7.0	6.5	6.3	6.1	6.3	6.0	6.1	5.8	5.8	5.8	6.0	6.1	6.5	6.6	7.5
81,0°	5.6	5.5	5.3	4.9	4.8	4.6	4.8	4.6	4.6	4.6	4.6	4.6	4.8	4.9	5.3	5.5	6.1
82,0°	4.4	4.1	3.9	3.7	3.6	3.6	3.6	3.6	3.4	3.4	3.6	3.7	3.7	3.9	4.3	4.4	4.9
83,0°	3.2	3.1	2.9	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.9	3.1	3.2	3.4	3.7
84,0°	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.5	1.7	1.7	1.9	1.9	2.0	2.0	2.2	2.4	2.6
85,0°	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.4	1.4	1.5	1.5	1.7
86,0°	0.7	0.7	0.7	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	1.0
87,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5	0.5	0.5	0.5	0.5
88,0°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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	0.0	0.0	0.0

Photometric test report

Family
Streetlight 21 mini LED

Order number: 5XE2F31Y08GB
EAN: 4058352910092

LP number
59110_552


C- planes	212,5°	215,0°	217,5°	220,0°	222,5°	225,0°	227,5°	230,0°	232,5°	235,0°	237,5°	240,0°	242,5°	245,0°	247,5°	250,0°	252,5°
γ	Luminous intensity in cd/klm																
74,0°	19.3	19.9	20.6	22.8	25.7	28.5	31.4	36.0	39.7	47.0	57.8	61.3	68.7	95.3	138.5	198.2	237.4
75,0°	17.2	17.9	18.2	19.9	22.2	24.7	26.6	27.6	29.3	34.1	45.3	51.8	57.1	77.2	110.8	158.0	188.1
76,0°	15.0	15.7	16.0	17.4	18.7	20.8	22.5	23.3	24.7	27.8	31.9	39.9	44.0	57.4	79.9	118.1	142.6
77,0°	13.1	13.8	14.1	15.3	16.2	17.6	19.1	19.9	20.6	23.0	25.4	29.3	34.6	45.2	61.3	89.6	112.0
78,0°	11.4	12.1	12.3	13.6	14.0	14.7	15.7	16.7	16.7	18.6	20.1	23.7	26.8	34.9	44.8	68.5	79.9
79,0°	9.9	10.4	10.7	11.6	11.9	12.1	12.8	13.3	13.5	14.7	15.8	17.9	20.4	25.6	33.2	46.4	54.2
80,0°	8.4	9.0	9.2	9.7	10.2	9.9	10.4	10.6	10.7	11.4	12.3	13.8	15.7	18.9	23.3	30.5	36.3
81,0°	7.0	7.3	7.5	7.8	8.0	7.7	7.8	8.0	8.0	8.5	9.0	10.2	11.4	13.5	15.8	20.1	20.8
82,0°	5.6	5.8	6.0	6.1	6.0	5.8	6.0	6.0	6.0	6.3	6.6	7.5	8.2	9.4	10.6	11.8	11.8
83,0°	4.1	4.4	4.4	4.4	4.3	4.3	4.3	4.4	4.4	4.6	4.8	5.3	5.6	6.3	6.6	7.2	7.0
84,0°	2.7	2.9	2.9	3.1	2.9	2.9	2.9	2.9	2.9	3.1	3.2	3.4	3.6	3.7	3.7	3.9	4.1
85,0°	1.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.2	2.2	2.4	2.4	2.6	2.4
86,0°	0.9	1.0	1.0	1.2	1.0	1.2	1.2	1.2	1.2	1.4	1.2	1.4	1.4	1.5	1.4	1.5	1.5
87,0°	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
88,0°	0.5	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	1.0
89,0°	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.9	0.9
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	0.0	0.0	0.0

Photometric test report

Family
Streetlight 21 mini LED


Order number: 5XE2F31Y08GB
EAN: 4058352910092

LP number
59110_552

siteco

C-planes	255,0°	257,5°	260,0°	262,5°	265,0°	267,5°	270,0°	272,5°	275,0°	277,5°	280,0°	282,5°	285,0°	287,5°	290,0°	292,5°	295,0°
γ	Luminous intensity in cd/klm																
74,0°	265.2	273.7	272.8	245.6	227.0	205.2	187.4	153.0	120.5	89.1	71.7	58.3	52.7	47.4	44.5	41.6	39.9
75,0°	210.5	217.8	221.2	206.2	187.1	174.3	158.1	127.1	97.6	71.6	56.2	46.7	43.3	40.0	39.0	36.8	35.8
76,0°	163.1	166.1	169.2	152.7	140.8	130.0	119.1	93.0	70.7	51.6	42.4	35.8	34.9	33.2	33.2	31.4	30.7
77,0°	125.3	126.8	123.0	110.6	103.4	93.4	87.4	65.9	50.6	37.1	31.5	27.8	27.6	27.8	28.1	26.2	24.9
78,0°	91.9	82.6	82.6	70.4	65.3	57.6	55.6	38.5	30.8	22.8	21.8	19.4	21.8	22.3	23.3	21.0	20.1
79,0°	56.6	46.0	40.9	32.4	26.9	25.2	23.0	16.0	14.0	12.8	13.0	13.3	15.5	17.4	18.4	17.4	15.5
80,0°	34.3	28.5	25.2	19.1	15.2	12.3	12.1	9.9	8.9	8.7	9.4	9.7	11.6	13.8	14.5	14.1	12.4
81,0°	19.8	16.9	14.0	10.6	9.2	6.5	7.0	5.8	6.0	6.1	6.5	7.0	8.4	9.9	10.7	10.2	9.5
82,0°	11.1	9.5	8.4	6.3	5.8	4.3	4.4	4.1	4.4	4.4	4.9	5.3	6.1	6.8	7.5	7.3	7.2
83,0°	7.0	6.1	5.3	4.4	3.7	3.1	2.6	3.2	3.4	3.6	3.9	4.1	4.4	4.8	5.1	5.1	5.3
84,0°	4.1	3.7	3.2	3.1	2.6	2.4	1.9	2.6	2.6	2.7	2.9	3.1	3.2	3.2	3.4	3.2	3.2
85,0°	2.6	2.2	2.2	2.0	2.0	1.9	1.5	2.0	2.0	2.0	2.2	2.4	2.4	2.4	2.4	2.2	2.4
86,0°	1.5	1.4	1.5	1.4	1.5	1.4	1.4	1.5	1.5	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7
87,0°	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2
88,0°	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
89,0°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.0	1.2	1.0	1.0	1.0	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	0.0	0.0	0.0

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552 
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C- planes	297,5°	300,0°	302,5°	305,0°	307,5°	310,0°	312,5°	315,0°	317,5°	320,0°	322,5°	325,0°	327,5°	330,0°	332,5°	335,0°	337,5°
γ	Luminous intensity in cd/klm																
74,0°	36.1	31.7	27.6	25.1	23.7	23.0	21.6	21.0	20.6	21.0	20.8	20.3	19.3	19.9	21.1	22.3	21.0
75,0°	32.5	28.8	25.2	22.8	21.5	21.0	19.8	19.3	18.6	18.9	18.9	18.4	17.2	17.7	18.6	19.8	18.7
76,0°	28.3	25.2	22.0	20.1	18.9	18.6	17.6	17.0	16.4	16.7	16.7	16.4	15.0	15.3	16.0	16.9	16.0
77,0°	23.9	21.3	19.1	17.2	16.2	16.2	15.3	15.0	14.5	14.8	14.8	14.5	13.3	13.1	13.6	14.3	13.5
78,0°	18.7	17.7	15.5	14.5	13.3	13.6	13.0	12.8	12.3	12.8	12.6	12.6	11.4	11.1	11.1	11.9	11.2
79,0°	14.7	13.8	12.3	11.4	10.7	11.1	10.6	10.4	10.2	10.6	10.7	10.6	9.7	9.2	9.2	9.5	9.4
80,0°	11.4	10.4	9.4	8.9	8.4	8.5	8.4	8.4	8.4	8.7	9.0	9.0	8.2	7.7	7.5	7.7	7.5
81,0°	8.9	8.0	7.2	6.6	6.3	6.5	6.3	6.3	6.3	6.6	7.0	7.0	6.5	6.1	6.0	5.6	5.5
82,0°	6.6	6.1	5.5	5.1	4.8	4.8	4.8	4.8	4.8	4.9	5.1	5.3	5.1	4.9	4.6	4.3	3.7
83,0°	4.8	4.4	4.1	3.7	3.6	3.6	3.6	3.6	3.4	3.6	3.6	3.7	3.7	3.7	3.4	3.2	2.7
84,0°	3.1	3.1	2.9	2.7	2.6	2.6	2.4	2.4	2.4	2.4	2.2	2.4	2.4	2.4	2.2	2.2	1.9
85,0°	2.2	2.2	2.0	1.9	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.2
86,0°	1.5	1.5	1.4	1.4	1.4	1.4	1.2	1.2	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.7	0.7
87,0°	1.2	1.2	1.2	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.5	0.5	0.5
88,0°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3
89,0°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3
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	0.0	0.0	0.0

C- planes	340,0°	342,5°	345,0°	347,5°	350,0°	352,5°	355,0°	357,5°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm								Luminous flux in lm/klm	
74,0°	18.9	17.2	16.5	15.8	15.7	15.7	16.0	16.2	7.5	974.2
75,0°	17.2	15.5	14.8	14.1	14.1	14.1	14.3	14.3	6.3	980.5
76,0°	15.2	13.8	13.0	12.3	12.3	12.3	12.6	12.4	5.0	985.5
77,0°	13.0	12.1	11.4	10.7	10.7	10.7	11.1	10.9	3.9	989.3
78,0°	10.9	10.1	9.7	9.0	9.2	9.0	9.5	9.2	2.9	992.2
79,0°	9.0	8.5	8.2	7.7	7.7	7.7	8.0	7.8	2.1	994.3
80,0°	7.2	6.6	6.6	6.1	6.1	6.1	6.6	6.5	1.6	995.9
81,0°	5.3	4.8	4.9	4.6	4.8	4.8	4.9	4.9	1.3	997.2
82,0°	3.6	3.6	3.4	3.4	4.1	4.1	4.3	4.3	0.9	998.1
83,0°	2.6	2.6	2.6	2.2	2.7	2.7	2.7	2.7	0.7	998.8
84,0°	1.7	1.7	1.7	1.4	1.5	1.5	1.5	1.4	0.5	999.3
85,0°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.3	999.6
86,0°	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	999.7
87,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	999.9
88,0°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	999.9
89,0°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

office	industry	traffic	retail	public	sports
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Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Dimming levels table		environmental temperature: 25°C


siteco

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	5460	39.8	41.2	40.5
95	241	252	5181	37.3	38.6	38.0
90	229	250	4923	35.0	36.3	35.6
85	216	248	4643	32.7	33.8	33.2
80	203	246	4364	30.4	31.4	30.9
75	190	243	4084	28.1	29.1	28.6
70	178	241	3826	26.1	27.0	26.6
65	165	238	3547	24.0	24.8	24.4
60	152	235	3267	21.9	22.7	22.3
55	140	232	3009	20.0	20.7	20.4
50	127	229	2730	18.0	18.7	18.4
45	114	225	2451	16.1	16.6	16.4
40	102	221	2193	14.3	14.8	14.6
35	89	216	1913	12.5	12.9	12.7
30	76	210	1634	10.7	11.0	10.8
25	63	203	1354	8.9	9.2	9.0
20	51	195	1096	7.3	7.5	7.4
15	38	184	817	5.6	5.8	5.7
10	25	169	537	4.0	4.1	4.0
9	24	168	516	3.8	4.0	3.9

Dimming levels table		environmental temperature: 5°C
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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	5460	39.4	40.5	40.0
95	241	252	5180	36.9	38.0	37.4
90	229	250	4922	34.7	35.7	35.2
85	216	248	4643	32.4	33.4	32.9
80	203	246	4363	30.2	31.1	30.6
75	191	244	4106	28.2	29.0	28.6
70	178	241	3826	26.1	26.7	26.4
65	165	238	3547	23.9	24.6	24.2
60	152	235	3267	21.8	22.5	22.2
55	140	232	3009	20.0	20.5	20.2
50	127	229	2730	18.1	18.5	18.3
45	114	225	2450	16.1	16.5	16.3
40	102	221	2192	14.3	14.7	14.5
35	89	216	1913	12.5	12.8	12.6
30	76	210	1634	10.7	11.0	10.8
25	64	204	1376	9.0	9.2	9.1
20	51	195	1096	7.3	7.5	7.4
15	38	184	817	5.7	5.8	5.8
10	25	169	537	4.0	4.1	4.0
9	24	168	516	3.9	3.9	3.9

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Dimming levels table <div>environmental temperature: 15°C</div>		

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	5460	39.5	40.8	40.2
95	241	252	5180	37.0	38.2	37.6
90	229	250	4922	34.8	36.0	35.4
85	216	248	4643	32.6	33.6	33.1
80	203	246	4364	30.2	31.2	30.7
75	191	244	4106	28.2	29.1	28.6
70	178	241	3826	26.0	26.9	26.4
65	165	238	3547	23.9	24.7	24.3
60	152	235	3267	21.9	22.5	22.2
55	140	232	3009	20.0	20.6	20.3
50	127	229	2730	18.0	18.6	18.3
45	114	225	2450	16.1	16.6	16.4
40	102	221	2193	14.3	14.7	14.5
35	89	216	1913	12.5	12.9	12.7
30	76	210	1634	10.7	11.0	10.8
25	64	204	1376	9.1	9.3	9.2
20	51	195	1096	7.3	7.5	7.4
15	38	184	817	5.6	5.7	5.6
10	25	169	537	4.0	4.1	4.0
9	24	168	516	3.8	3.9	3.8

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2F31Y08GB EAN: 4058352910092	LP number 59110_552
Luminousfluxs table		siteco

Temperature °C	Luminous flux lm	Power consumption W
25.0	5460.0	39.8
5.0	5460.0	39.4
15.0	5460.0	39.5