
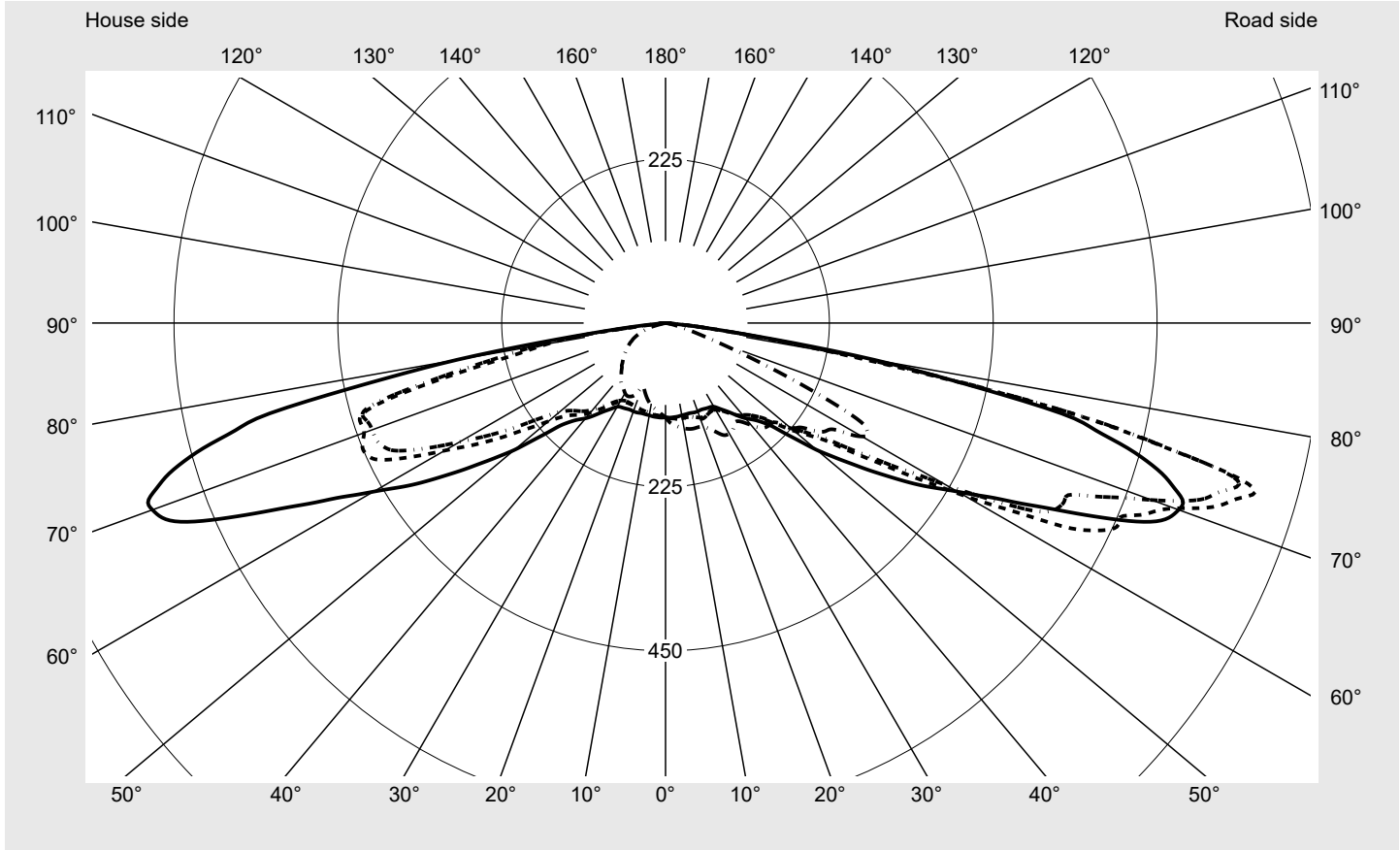


Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
	Version post-top or side-entry mounting Optic asymmetric, extremely wide distribution (P1.0a) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 2870 lm Power consumption = 19.4 W Luminous efficacy = 147.9 lm/W	serial documentation 16.05.2023



Luminous intensity in cd/klm C180-0 C192.5-12.5 C195-15 C270-90 **Imax: 842 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:	---
Imax 70°	827.2
Imax 80°	295.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

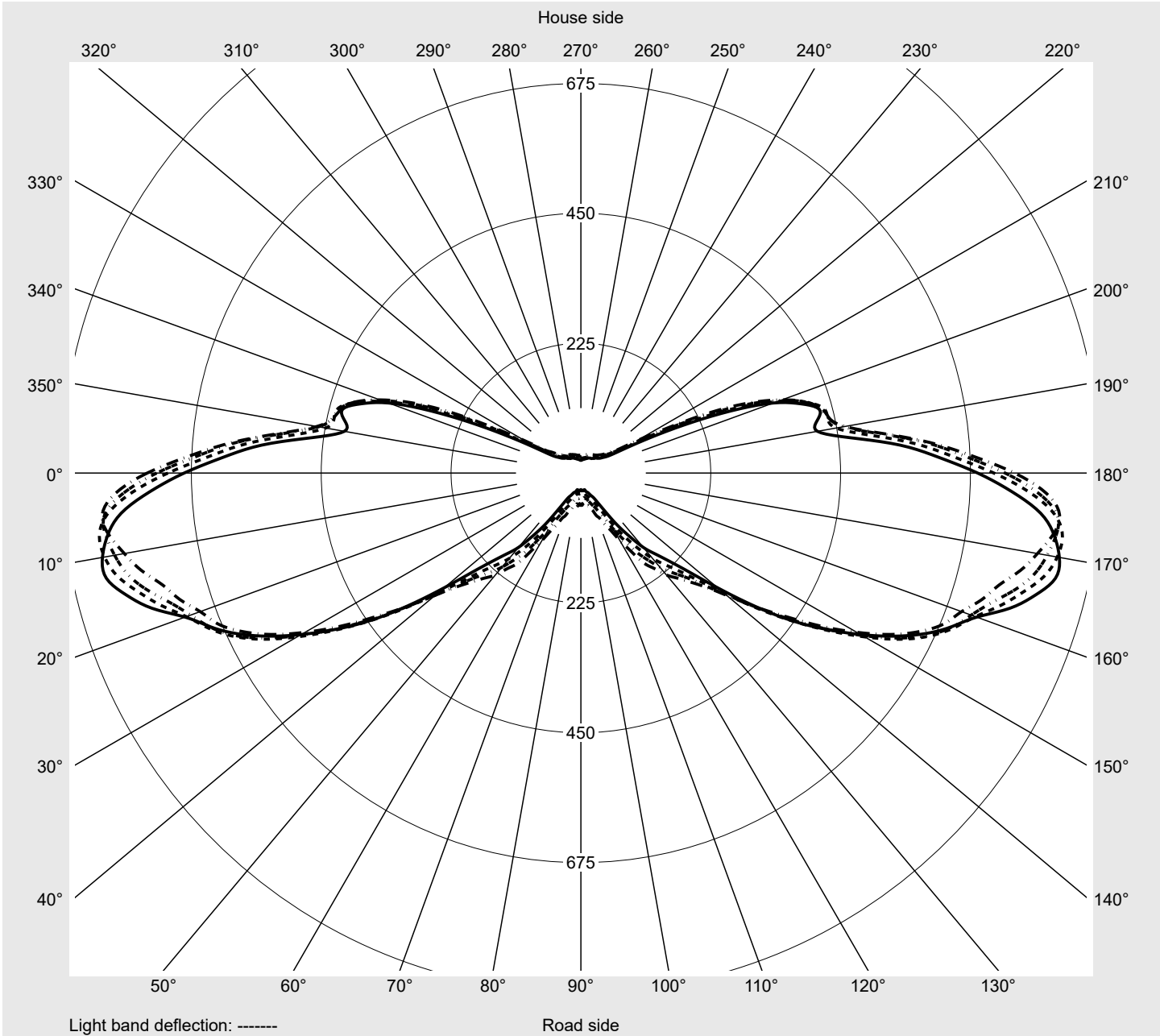
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
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Envelope curve in cd/klm **KMK 74°** **KMK 73°** **KMK 72°** **KMK 71°** **siteco**



Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
0,0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2,5°	130.0	130.1	130.3	130.6	130.7	130.9	131.0	130.9	131.2	131.5	131.5	131.5	132.1	132.1	132.4
5,0°	129.8	130.2	130.2	130.3	130.9	131.5	131.5	132.7	132.7	132.3	133.9	133.9	133.9	133.9	133.9
7,5°	129.5	129.7	130.7	130.9	131.7	132.7	133.3	133.3	133.7	134.3	134.5	134.7	135.0	135.7	136.1
10,0°	128.7	129.4	130.3	131.2	131.8	132.9	133.5	133.4	134.1	134.5	135.0	135.6	135.9	136.5	137.0
12,5°	128.3	129.3	130.4	131.1	131.8	132.7	133.2	134.1	134.3	135.2	136.1	137.1	137.8	138.3	138.8
15,0°	128.1	129.8	131.2	131.9	132.4	133.5	133.6	134.9	135.7	137.1	138.3	139.0	139.8	140.4	141.4
17,5°	128.9	130.6	131.8	133.0	134.2	135.3	136.5	137.9	139.2	140.4	141.6	142.9	143.8	144.6	145.3
20,0°	129.0	131.1	133.1	134.7	136.9	138.3	140.4	142.3	143.6	144.7	145.7	146.7	147.5	148.3	149.5
22,5°	128.7	131.0	133.3	135.2	136.9	138.7	140.4	142.6	144.5	146.0	147.6	149.4	150.9	151.8	152.9
25,0°	129.5	131.5	133.4	134.4	135.5	136.8	137.9	139.1	141.8	144.2	146.7	149.1	151.4	154.4	156.5
27,5°	130.5	131.6	132.2	133.1	134.0	135.3	136.5	138.4	139.6	142.3	143.9	146.5	149.4	152.2	155.3
30,0°	132.7	133.8	134.2	135.4	136.5	136.4	137.5	138.9	139.5	141.3	142.6	144.2	145.6	148.3	152.2
32,5°	139.9	140.6	141.8	141.7	142.3	142.3	143.1	143.2	143.3	143.7	144.3	144.6	145.6	147.1	149.6
35,0°	148.3	149.2	149.7	150.8	151.6	150.5	149.9	150.7	150.4	149.4	148.7	147.3	146.8	147.3	149.2
37,5°	159.3	159.5	159.2	159.1	159.8	159.1	158.7	157.5	156.7	156.1	154.6	152.1	150.4	149.6	150.3
40,0°	170.7	169.7	168.2	167.0	166.3	166.1	164.9	163.2	161.8	160.8	159.4	157.5	155.7	153.6	151.4
42,5°	180.4	178.2	176.3	175.2	174.5	173.0	171.5	169.7	168.1	166.8	165.3	163.3	160.7	157.4	154.6
45,0°	195.4	192.7	189.9	187.8	186.5	185.0	182.8	181.1	178.8	176.6	173.8	169.4	164.9	161.5	157.9
46,0°	204.7	201.7	198.4	195.6	193.6	191.9	189.0	185.3	182.7	181.6	178.3	173.1	168.0	164.1	160.1
47,0°	219.1	215.1	210.6	206.8	203.4	200.3	197.7	194.3	190.5	187.5	183.4	177.4	171.8	167.6	163.2
48,0°	234.4	230.0	224.1	218.4	213.3	209.0	205.0	201.2	197.3	193.9	189.1	182.7	176.9	171.9	167.3
49,0°	252.0	247.1	240.5	232.8	226.0	219.8	214.6	210.1	205.5	201.0	195.7	189.1	182.6	177.0	171.9
50,0°	271.2	264.6	255.6	247.1	238.2	230.4	225.0	220.1	214.4	209.3	203.8	197.4	189.9	183.4	177.7
51,0°	287.4	280.4	270.8	259.5	248.1	239.5	233.6	228.7	222.9	218.5	213.2	206.8	198.2	191.4	186.0
52,0°	304.5	297.1	286.3	273.6	260.8	250.5	243.4	238.2	233.8	229.2	223.6	217.4	209.0	201.2	194.9
53,0°	322.3	314.6	303.6	289.0	273.2	262.0	255.3	249.7	245.0	241.4	235.7	229.6	222.1	214.4	206.3
54,0°	342.2	335.0	324.1	309.5	293.1	277.6	267.5	261.7	259.3	254.8	249.3	243.3	235.8	228.6	220.1
55,0°	361.7	356.4	346.0	333.0	318.1	302.6	289.6	281.4	276.4	271.0	265.2	258.5	250.4	243.4	235.7
56,0°	382.5	379.8	370.6	357.3	342.9	328.9	314.5	302.8	296.4	289.5	282.4	275.5	267.1	259.6	252.5
57,0°	403.7	407.8	402.4	392.4	374.9	358.8	341.0	329.3	318.1	309.3	300.0	292.1	283.2	275.7	267.0
58,0°	423.5	433.3	435.7	429.9	414.5	395.0	373.7	354.8	341.7	330.8	319.4	310.1	299.6	290.0	279.1
59,0°	442.1	458.9	465.8	463.5	452.4	431.7	404.3	382.4	366.8	352.5	338.5	326.1	312.5	300.3	288.5
60,0°	463.0	490.9	504.4	507.6	495.8	474.9	446.0	419.5	393.9	374.5	355.5	337.7	320.7	307.7	296.3
61,0°	486.8	523.8	544.1	550.3	537.9	517.7	486.6	453.7	419.9	393.1	368.4	346.4	327.0	313.1	304.0
62,0°	511.8	557.2	585.4	594.8	585.8	564.0	529.0	487.6	440.2	404.5	374.4	350.2	330.9	319.6	313.7
63,0°	544.5	595.1	624.1	641.8	640.8	617.8	568.0	510.4	453.0	410.8	378.0	355.4	339.2	331.7	326.8
64,0°	577.3	628.9	664.7	682.7	679.6	649.5	588.8	519.2	459.0	416.7	385.9	368.8	357.9	354.0	348.8
65,0°	616.2	672.3	706.3	726.2	715.2	671.5	596.9	519.9	464.8	429.9	405.1	393.4	383.3	378.5	366.7
66,0°	656.9	717.8	753.3	761.9	740.6	680.6	599.8	526.4	481.3	456.0	435.9	426.7	414.0	403.3	384.1
67,0°	696.5	765.3	796.9	790.2	747.7	680.0	603.4	543.4	510.0	491.9	476.9	467.3	447.0	426.5	400.2
68,0°	726.8	796.6	823.4	802.1	760.5	703.3	635.5	585.5	553.5	541.2	527.7	511.3	480.9	451.4	414.7
69,0°	742.6	807.9	826.0	806.4	771.3	720.6	668.9	639.2	610.6	599.9	580.0	553.5	514.6	471.5	422.7
70,0°	749.8	808.5	827.2	810.6	776.0	744.0	710.5	696.5	664.9	649.0	621.1	584.0	536.6	484.6	426.9
71,0°	751.5	807.4	832.7	824.7	803.3	780.0	750.1	728.7	702.0	681.9	649.2	605.7	551.9	494.1	433.6
72,0°	735.1	793.2	828.5	830.5	820.5	805.5	779.4	746.5	719.8	696.3	664.7	619.2	562.9	502.4	441.0

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
0,0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2,5°	132.3	132.2	132.2	132.3	132.6	132.7	133.2	133.0	133.0	132.8	133.3	133.1	133.7	133.7	133.7
5,0°	134.2	134.6	135.0	134.6	135.2	135.3	135.7	136.2	136.3	136.8	137.3	137.4	137.8	138.2	138.8
7,5°	136.4	136.5	136.8	137.0	137.5	137.7	138.4	138.4	138.7	139.1	139.8	140.6	141.3	141.4	142.0
10,0°	137.6	137.7	138.4	138.8	139.3	140.0	139.9	141.0	141.0	140.9	142.3	142.9	144.0	144.6	144.9
12,5°	139.1	139.7	140.6	140.9	141.8	141.8	142.8	143.2	144.0	144.6	145.4	146.0	146.5	147.2	147.8
15,0°	141.7	142.7	143.5	144.3	144.5	145.1	145.7	146.4	146.5	146.8	148.2	148.2	149.0	149.0	149.0
17,5°	146.1	146.6	147.2	147.7	148.1	148.6	148.5	148.9	149.5	150.1	150.8	150.7	150.7	151.1	151.3
20,0°	150.4	151.0	152.0	152.3	152.2	152.0	152.7	152.7	152.7	153.1	153.8	153.7	154.3	154.4	154.4
22,5°	154.1	155.3	155.7	156.2	156.2	156.7	156.6	156.5	156.8	157.0	157.6	158.1	158.2	158.3	157.9
25,0°	158.4	159.8	160.4	160.8	160.8	161.8	161.1	161.5	162.8	163.5	164.6	165.9	165.4	165.3	165.2
27,5°	159.5	163.1	166.1	167.3	168.0	169.5	170.4	171.8	173.6	174.8	175.7	176.0	175.2	174.3	173.7
30,0°	157.8	163.8	170.1	175.4	179.1	181.2	182.8	183.3	184.4	186.1	186.5	185.3	182.1	179.7	179.5
32,5°	153.9	160.6	170.5	179.7	187.5	190.4	189.8	189.2	189.4	190.3	188.6	183.3	178.1	175.1	174.2
35,0°	153.4	159.2	166.6	176.2	185.1	190.5	189.9	186.6	184.1	183.4	181.2	176.9	173.5	170.8	169.7
37,5°	152.5	156.6	160.8	166.3	174.1	178.7	179.7	178.1	177.7	179.6	179.4	176.0	173.8	173.6	173.7
40,0°	150.7	152.6	156.2	158.0	160.9	166.4	172.0	175.8	178.3	180.1	181.2	182.6	185.0	186.8	187.8
42,5°	152.1	151.1	151.9	153.3	155.1	161.2	170.5	179.1	186.4	191.2	196.2	200.4	204.9	207.1	208.8
45,0°	154.4	152.4	151.4	152.2	154.4	161.2	173.9	187.8	197.9	206.4	214.4	219.2	220.4	221.0	220.6
46,0°	156.8	154.2	152.3	152.0	154.4	162.3	176.9	191.9	203.0	212.3	219.3	223.7	225.6	226.0	224.2
47,0°	159.3	155.9	153.5	152.9	155.4	163.2	179.7	196.9	208.7	216.6	223.5	227.8	229.7	229.5	227.0
48,0°	162.9	158.3	154.9	154.4	156.9	164.8	182.8	202.5	214.9	223.0	227.9	230.8	232.1	232.7	229.7
49,0°	167.0	161.6	157.6	156.5	158.6	167.3	186.6	205.1	218.0	227.9	233.7	235.2	235.5	232.7	227.4
50,0°	172.4	166.7	162.1	159.8	162.8	172.1	192.5	210.8	222.3	232.5	240.2	238.7	237.0	231.9	231.0
51,0°	179.5	173.2	168.4	165.8	167.9	178.2	199.4	217.3	228.7	242.7	247.0	242.8	240.7	239.5	240.4
52,0°	188.3	181.1	176.5	174.3	175.4	185.6	206.8	225.7	234.5	250.3	256.2	250.7	251.3	251.7	252.5
53,0°	199.1	192.5	187.3	184.8	187.3	197.4	216.4	234.3	243.1	255.2	262.6	261.0	261.3	261.6	259.5
54,0°	211.4	204.1	198.1	194.7	197.2	207.8	225.6	243.6	252.2	263.2	267.6	265.3	265.7	263.2	265.7
55,0°	225.6	216.7	210.3	205.8	207.3	217.9	235.7	253.0	260.3	267.9	267.4	266.0	264.8	268.9	272.9
56,0°	242.9	231.7	222.7	215.8	216.2	226.9	245.2	260.0	265.8	271.7	267.4	266.6	272.6	279.8	285.0
57,0°	256.6	242.7	230.7	222.5	224.4	237.4	256.6	270.0	275.0	276.9	273.4	278.4	287.1	293.0	294.1
58,0°	267.0	252.5	239.5	231.6	236.3	249.1	269.9	282.1	286.2	286.1	284.8	290.5	296.1	296.1	292.3
59,0°	275.1	261.5	251.5	246.7	251.1	265.1	284.7	293.7	293.8	291.6	290.8	291.7	291.7	287.0	280.5
60,0°	284.0	273.4	267.4	262.1	264.9	275.2	289.6	297.1	293.2	288.3	287.8	283.3	276.8	271.4	267.0
61,0°	295.2	288.3	282.9	276.8	275.2	283.2	292.3	296.7	291.1	284.7	275.8	264.0	256.0	253.0	248.6
62,0°	307.9	303.5	296.1	285.9	281.2	285.6	290.8	294.6	287.8	273.9	253.1	243.4	235.4	229.8	229.9
63,0°	325.0	318.0	303.9	290.6	283.2	285.9	289.3	289.9	273.7	253.6	233.3	221.8	211.9	211.9	209.1
64,0°	341.2	326.9	309.7	293.8	283.9	282.3	281.1	274.7	256.7	235.3	211.7	199.1	193.4	193.6	191.7
65,0°	352.8	333.3	312.2	294.7	281.7	276.4	271.5	261.8	241.0	218.1	194.4	183.9	179.8	185.1	187.2
66,0°	364.1	339.0	312.0	291.3	277.3	269.7	260.5	247.6	227.0	205.5	183.8	172.3	175.8	179.9	177.1
67,0°	372.5	340.2	309.8	288.3	273.9	261.1	249.4	234.9	216.6	195.2	174.3	169.9	169.0	168.7	160.7
68,0°	376.6	339.3	307.3	284.1	267.4	254.8	240.2	224.7	206.7	187.2	169.8	160.5	156.2	150.6	140.6
69,0°	378.0	337.0	303.1	279.7	261.4	248.2	230.0	216.2	197.6	177.5	156.8	143.5	133.4	125.9	112.3
70,0°	379.0	333.2	296.9	274.0	256.2	241.0	221.8	206.9	185.4	161.6	136.5	122.6	110.2	100.6	89.2
71,0°	380.2	329.5	291.8	266.6	246.9	230.4	208.3	190.5	159.5	134.8	111.8	98.3	84.6	78.5	68.0
72,0°	380.9	328.8	285.3	254.5	233.9	212.8	189.2	165.6	135.3	111.5	87.8	75.3	65.1	59.8	54.3

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
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Table of values for luminous intensities Maximum luminous intensity

C-planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
0,0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2,5°	134.2	134.8	135.3	136.1	136.5	137.3	136.6	129.9	129.8	129.6	129.0	128.7	128.7	128.7	128.4
5,0°	139.4	140.0	140.1	140.7	141.4	140.9	140.7	129.5	129.1	128.7	128.3	127.4	127.4	126.6	126.8
7,5°	142.7	143.2	143.2	143.9	143.7	143.7	144.0	129.0	128.6	128.0	127.5	127.0	126.6	125.7	125.6
10,0°	146.5	146.2	146.2	146.6	146.9	147.1	146.8	127.8	127.1	126.8	126.3	125.9	125.2	124.3	123.7
12,5°	148.2	148.4	148.7	148.9	148.9	148.9	149.0	127.2	126.3	125.7	125.1	124.8	124.1	123.1	122.4
15,0°	149.6	149.6	149.8	149.9	149.2	150.1	149.9	126.9	125.7	124.8	124.4	123.7	122.8	121.6	121.8
17,5°	151.3	150.9	150.9	150.4	149.9	149.7	149.9	127.6	126.1	124.9	124.4	123.3	122.3	121.4	121.0
20,0°	153.6	152.6	151.9	151.5	151.4	151.1	151.7	127.5	125.9	124.5	123.3	122.4	121.4	120.7	119.9
22,5°	157.5	157.1	156.5	157.0	156.5	156.9	157.3	126.8	125.2	123.7	122.4	121.5	120.5	119.7	118.7
25,0°	165.1	164.2	164.7	165.5	165.0	165.5	165.2	127.3	125.4	123.8	122.5	121.3	120.1	118.6	117.2
27,5°	173.5	173.9	173.5	173.8	173.0	173.2	173.5	128.5	126.7	124.9	123.5	122.2	120.4	118.8	116.5
30,0°	178.9	177.7	177.0	176.3	176.8	176.0	175.1	131.7	130.5	128.3	126.4	125.1	122.8	120.4	118.1
32,5°	173.5	173.0	173.0	172.8	172.9	173.2	172.6	138.3	137.1	134.9	133.2	130.6	128.0	125.0	122.1
35,0°	170.0	168.9	167.3	167.4	167.1	167.1	166.5	147.9	146.5	144.5	141.9	139.4	136.1	132.2	128.5
37,5°	173.7	173.6	173.2	172.2	171.0	170.3	170.8	158.6	157.7	155.9	153.3	149.6	145.3	140.1	134.5
40,0°	188.8	190.4	190.0	187.7	185.1	185.5	183.1	170.8	170.5	168.8	165.4	160.8	155.4	148.2	140.3
42,5°	208.1	208.2	205.7	202.0	198.6	196.9	195.3	181.9	182.1	180.4	176.3	170.9	164.1	156.0	146.3
45,0°	219.8	219.1	211.9	206.8	202.3	200.3	199.6	196.8	195.8	192.1	185.9	178.7	170.7	161.6	149.9
46,0°	221.6	220.1	215.8	208.2	203.8	199.4	200.2	206.7	205.1	199.7	191.3	182.5	173.3	163.8	151.7
47,0°	225.1	220.0	216.5	208.6	202.4	199.4	200.9	220.4	217.5	209.6	198.4	187.1	176.4	166.0	153.5
48,0°	223.8	218.1	213.4	208.7	205.1	202.2	203.9	234.7	230.7	220.8	207.0	193.0	179.9	168.1	155.3
49,0°	225.4	221.9	218.0	215.3	213.6	213.8	211.3	252.4	247.3	235.2	218.0	200.6	184.6	170.9	156.9
50,0°	232.0	238.3	229.2	229.7	226.0	226.3	221.1	271.6	265.3	251.0	230.9	209.9	190.4	174.0	158.7
51,0°	245.9	254.8	243.7	239.2	234.6	232.2	229.1	288.6	281.5	265.8	244.0	220.5	197.9	178.4	160.7
52,0°	254.1	264.9	251.3	239.5	233.7	227.4	232.8	305.6	297.9	280.8	257.0	232.1	207.7	185.3	163.7
53,0°	260.6	268.5	258.6	250.6	245.3	241.8	240.2	323.0	314.0	295.0	269.5	243.8	218.8	194.4	170.5
54,0°	266.7	278.9	272.6	264.4	256.2	255.8	251.2	341.5	330.2	309.8	283.5	257.6	232.3	206.3	180.8
55,0°	279.0	284.8	282.6	277.9	267.3	266.0	260.4	358.0	344.1	323.7	298.3	273.1	248.0	220.9	192.8
56,0°	285.5	286.4	287.4	277.1	267.9	263.3	265.4	375.9	358.3	336.6	311.7	287.8	263.3	236.6	208.1
57,0°	292.4	287.8	284.1	272.9	266.3	263.3	268.4	393.0	371.9	349.2	325.6	303.1	278.7	252.5	226.6
58,0°	290.7	286.3	291.3	294.4	283.6	280.5	277.6	407.6	384.4	360.6	339.4	318.3	294.1	267.9	240.5
59,0°	278.7	278.8	289.0	302.1	302.5	298.0	297.9	419.7	394.1	371.3	352.6	333.1	309.5	284.0	258.1
60,0°	267.7	269.5	280.0	297.0	305.9	315.0	311.4	434.3	407.6	387.1	369.0	350.3	326.4	301.1	274.3
61,0°	249.9	252.8	265.4	286.0	308.3	317.7	317.6	450.6	421.7	403.7	387.6	370.0	345.0	318.0	288.7
62,0°	232.5	233.4	247.8	271.2	300.1	311.6	313.3	469.5	435.9	420.6	407.3	389.8	363.8	334.8	303.1
63,0°	210.5	214.1	229.5	256.6	289.2	307.1	304.1	497.2	456.6	439.8	427.7	409.9	382.2	351.1	315.1
64,0°	195.8	207.8	221.2	242.0	263.9	272.6	274.0	528.6	481.2	461.4	447.0	428.4	399.5	366.6	330.4
65,0°	193.0	195.0	200.9	209.0	222.4	228.7	232.2	566.7	509.6	482.8	462.0	441.7	413.6	380.6	343.9
66,0°	177.8	172.4	177.5	174.8	187.2	183.4	191.0	603.0	538.5	500.4	472.0	447.3	421.0	391.8	356.2
67,0°	155.5	148.8	147.2	145.6	152.3	149.9	152.3	631.8	566.0	518.3	478.9	450.1	425.8	400.5	365.3
68,0°	134.7	124.7	122.6	119.0	124.7	116.2	119.8	650.9	578.9	525.3	480.4	449.2	428.4	406.4	370.4
69,0°	104.5	96.5	91.9	88.9	92.3	87.9	93.4	662.8	586.6	524.4	475.2	444.8	428.8	409.6	374.1
70,0°	83.3	75.7	73.2	70.2	72.7	68.8	71.9	672.8	595.5	524.6	468.0	440.6	428.8	410.5	374.4
71,0°	64.9	58.0	57.5	54.0	57.0	53.2	55.9	678.9	607.0	526.4	464.7	439.8	429.5	409.7	370.6
72,0°	50.2	46.0	45.0	43.0	44.2	42.7	44.2	666.3	601.5	522.2	461.6	440.6	432.1	409.2	367.4

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
Table of values for luminous intensities		Maximum luminous intensity



C-planes	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Luminous intensity in cd/klm														
0,0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2,5°	128.2	128.1	127.8	127.7	127.7	127.5	127.1	126.8	126.6	126.3	126.2	126.1	126.1	126.0	125.9
5,0°	126.9	126.5	125.9	125.4	125.4	125.3	124.9	124.4	123.9	123.9	123.5	123.2	122.8	122.5	122.5
7,5°	125.3	125.1	124.3	124.0	123.3	122.7	122.2	122.1	121.8	121.1	120.9	120.8	120.4	119.9	119.8
10,0°	123.9	122.6	121.8	121.7	121.7	121.0	120.4	120.1	119.7	119.7	119.6	119.1	118.5	118.3	117.8
12,5°	121.9	121.3	121.1	120.8	120.4	119.8	119.5	118.9	118.6	118.2	117.5	117.1	116.4	115.5	114.8
15,0°	120.4	120.6	119.3	119.3	118.7	118.6	118.2	117.2	116.3	115.7	115.0	114.2	113.2	112.3	111.2
17,5°	120.0	119.1	118.6	118.0	117.4	116.7	116.0	115.2	113.8	112.7	111.6	110.4	109.5	108.1	106.6
20,0°	118.6	118.1	117.7	116.7	115.9	114.6	113.4	112.2	110.8	109.1	107.7	105.8	104.0	102.0	100.2
22,5°	117.5	116.5	115.7	114.4	113.0	111.8	110.5	108.6	106.5	104.3	101.8	99.6	97.4	95.1	93.6
25,0°	116.1	114.9	113.7	112.6	111.4	108.9	106.4	104.0	100.4	97.8	94.9	92.8	91.3	89.7	88.7
27,5°	115.2	113.4	112.3	109.9	107.3	104.3	101.2	97.9	94.8	92.2	90.0	88.4	88.1	90.2	93.8
30,0°	115.2	113.9	110.3	107.0	103.4	99.8	95.6	92.7	89.8	88.1	87.1	89.4	93.5	98.4	103.7
32,5°	118.0	114.2	110.0	104.6	99.4	94.9	91.6	88.5	86.5	86.6	90.0	95.5	101.2	107.9	114.2
35,0°	123.1	117.2	109.8	102.4	96.5	91.5	87.3	85.2	85.9	89.2	94.5	101.0	107.7	114.2	119.5
37,5°	127.1	117.8	108.4	99.9	92.7	87.3	84.5	85.1	87.9	92.2	97.5	103.5	109.5	114.9	118.3
40,0°	130.1	117.6	106.1	95.9	88.2	84.0	84.2	87.3	91.0	94.3	98.5	103.2	107.5	110.8	111.7
42,5°	132.3	116.1	101.5	90.8	84.7	83.6	86.1	89.5	92.7	95.8	98.8	101.4	103.7	105.2	104.8
45,0°	132.9	113.6	97.6	87.9	84.7	86.1	88.9	91.1	93.2	95.3	97.0	98.4	99.1	98.8	97.5
46,0°	134.1	113.8	96.8	87.3	84.8	86.9	89.6	91.1	92.6	94.0	95.2	95.9	96.8	96.5	94.4
47,0°	135.5	114.2	96.4	87.2	86.1	88.2	89.9	91.1	92.1	92.5	93.4	93.9	94.3	93.7	91.4
48,0°	137.4	115.7	97.1	87.7	86.9	89.1	90.5	90.9	91.1	91.4	91.5	91.8	91.6	90.7	88.6
49,0°	139.2	117.5	98.4	88.8	88.0	90.1	90.7	90.3	90.0	89.5	89.6	89.7	89.0	87.9	85.9
50,0°	141.5	119.5	100.2	90.7	89.5	90.7	90.4	89.7	89.0	87.5	87.1	87.1	86.3	85.0	83.0
51,0°	142.6	122.1	103.3	92.8	91.3	92.2	91.0	89.6	87.8	85.9	84.5	84.0	82.7	81.4	80.3
52,0°	145.6	124.9	106.1	95.7	92.9	92.7	91.4	89.7	87.2	83.9	82.1	81.6	80.3	79.0	77.8
53,0°	149.7	128.4	109.4	98.4	95.5	94.1	91.8	89.3	86.0	82.5	80.1	79.3	78.2	76.7	75.5
54,0°	157.7	133.1	112.5	101.5	98.4	95.7	92.5	89.5	85.0	80.6	78.2	77.1	75.5	74.6	73.3
55,0°	166.4	140.2	117.6	104.4	99.6	96.3	92.6	88.2	83.2	78.6	75.7	74.3	73.2	72.3	70.9
56,0°	180.6	149.8	123.8	108.2	102.4	97.5	92.1	87.3	81.3	76.6	74.2	72.5	71.4	70.5	69.1
57,0°	197.8	164.1	133.4	112.4	104.1	97.9	91.6	85.5	79.5	74.6	72.0	70.6	69.4	68.6	66.8
58,0°	211.8	176.2	141.8	118.6	107.4	99.2	90.7	83.5	77.3	72.8	70.1	68.7	67.2	66.6	65.0
59,0°	228.1	190.9	153.0	125.5	110.3	99.6	90.0	82.2	75.5	71.0	68.4	66.8	65.1	64.4	63.2
60,0°	241.7	202.9	163.5	131.9	112.8	99.5	89.2	80.6	74.1	69.3	66.9	64.9	63.0	62.6	61.2
61,0°	255.1	213.4	172.0	139.1	117.1	100.1	87.3	78.2	72.0	68.0	65.1	63.1	61.4	60.5	59.0
62,0°	265.6	221.5	179.9	146.1	120.7	100.3	85.7	77.0	70.2	66.2	63.2	60.8	59.1	58.2	57.3
63,0°	274.1	228.8	185.4	149.5	121.3	99.4	84.2	74.2	68.4	64.3	61.3	59.0	57.2	56.1	55.7
64,0°	285.8	234.4	188.6	149.9	121.0	98.2	81.5	72.4	66.6	62.5	59.5	57.1	55.3	54.1	53.3
65,0°	294.0	239.3	189.9	149.1	116.5	94.6	79.2	70.0	64.2	60.2	57.6	55.3	53.5	52.2	51.1
66,0°	301.8	245.3	191.8	146.3	112.3	90.2	75.9	67.7	61.9	58.3	55.4	53.4	51.6	50.4	49.2
67,0°	310.4	249.2	190.8	139.6	105.4	85.2	72.3	64.4	60.1	56.4	53.4	51.0	49.3	48.6	47.5
68,0°	314.4	251.7	188.5	134.1	99.3	80.0	69.0	61.9	57.0	53.5	51.0	49.1	47.3	46.8	45.9
69,0°	318.7	252.9	183.3	127.5	92.5	76.0	64.9	58.2	53.6	50.9	48.0	46.5	44.4	44.6	43.3
70,0°	319.5	253.1	176.2	117.9	84.0	70.4	60.8	54.6	49.9	47.3	44.9	43.5	41.9	41.5	40.3
71,0°	318.7	249.1	168.2	110.7	75.1	64.1	56.1	50.5	46.9	44.4	42.0	40.6	39.3	38.6	37.4
72,0°	310.0	234.4	154.0	98.2	68.0	57.4	50.8	47.1	44.6	42.6	40.2	38.1	36.5	36.2	35.1

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm													Luminous flux in lm/klm	
0,0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	0.2	0.2
2,5°	125.8	125.7	125.6	125.6	125.5	125.5	125.4	125.3	125.3	125.3	125.3	125.3	125.3	1.6	1.7
5,0°	122.3	122.2	122.0	121.7	121.5	121.4	121.4	121.3	121.1	121.0	121.0	121.0	121.0	3.1	4.8
7,5°	119.5	119.4	119.2	119.1	118.7	118.0	118.0	118.0	118.0	118.0	117.9	117.9	117.9	4.6	9.5
10,0°	117.2	116.8	116.5	116.1	115.6	115.3	114.8	114.8	114.6	114.3	114.3	114.3	114.3	6.2	15.7
12,5°	114.2	113.6	112.6	112.3	111.6	111.2	110.7	110.4	110.0	109.5	109.4	109.3	109.3	7.7	23.3
15,0°	110.2	109.4	108.5	107.6	106.7	105.9	105.3	104.8	104.3	103.8	103.5	103.2	103.2	9.1	32.4
17,5°	105.0	103.8	102.4	101.3	100.2	99.2	98.4	97.6	97.1	96.8	96.9	96.2	96.4	10.6	43.0
20,0°	98.5	97.2	95.7	94.6	93.8	93.3	93.1	93.2	93.4	93.8	94.3	94.6	93.4	12.0	55.0
22,5°	92.4	91.4	91.0	91.6	93.2	95.2	97.4	99.6	101.2	103.2	104.0	104.7	105.0	13.6	68.6
25,0°	89.4	92.0	95.3	98.4	101.6	104.5	106.4	108.0	109.2	110.0	110.6	110.9	111.2	15.2	83.8
27,5°	97.9	102.1	105.9	109.0	111.2	112.5	113.3	113.5	113.5	113.5	113.3	113.0	113.0	17.0	100.7
30,0°	108.8	113.0	116.2	118.3	118.8	118.2	117.2	115.8	114.3	112.9	111.7	111.2	111.2	18.8	119.5
32,5°	118.5	121.1	122.0	121.4	119.9	118.2	115.9	113.3	110.8	109.2	107.8	107.2	107.2	20.4	139.9
35,0°	122.3	122.7	121.1	118.6	115.7	112.5	109.5	107.0	105.3	104.4	103.8	103.8	103.8	21.9	161.7
37,5°	118.4	116.4	113.4	109.6	106.4	103.8	102.0	100.7	100.3	99.9	100.0	100.1	100.4	23.4	185.1
40,0°	110.4	107.1	103.5	100.0	98.4	96.7	95.8	95.3	95.2	94.7	95.2	94.6	94.6	25.1	210.2
42,5°	102.7	99.2	96.2	94.3	92.6	91.2	90.6	89.9	90.0	89.6	89.5	89.2	89.7	27.1	237.3
45,0°	95.4	92.8	90.7	88.7	87.4	86.1	85.7	85.4	84.8	84.8	84.5	84.5	84.8	20.3	257.5
46,0°	92.3	89.9	88.4	86.8	85.3	84.1	83.6	83.2	82.7	82.6	82.6	82.6	83.5	12.0	269.6
47,0°	89.6	87.7	86.2	84.5	83.2	82.3	81.4	81.2	81.1	80.8	81.1	81.1	81.1	12.4	282.0
48,0°	87.0	85.2	83.9	81.8	81.1	79.9	79.3	79.0	79.2	78.7	79.3	79.2	79.2	12.8	294.8
49,0°	84.3	82.9	81.6	79.7	79.1	77.7	77.2	77.2	77.1	76.8	77.1	77.4	77.4	13.4	308.2
50,0°	81.8	80.2	79.0	77.7	77.4	75.9	75.3	75.1	75.3	75.0	75.3	75.9	75.6	14.0	322.2
51,0°	79.4	78.1	76.5	75.6	75.0	74.1	73.5	73.2	73.4	73.2	73.7	73.7	73.7	14.6	336.8
52,0°	77.0	76.0	74.9	73.8	72.9	72.2	71.6	71.4	71.6	71.6	71.9	71.9	71.9	15.3	352.1
53,0°	74.6	73.9	73.3	71.7	71.0	70.3	69.5	69.5	69.8	69.8	70.0	70.3	70.0	16.1	368.2
54,0°	72.3	71.3	71.3	69.8	69.2	68.5	67.6	67.7	67.9	67.9	68.2	68.2	68.2	17.0	385.2
55,0°	70.3	69.4	69.0	68.0	67.6	66.7	65.8	65.3	65.8	66.1	66.3	66.0	66.3	17.9	403.1
56,0°	68.0	67.5	66.8	66.0	65.8	64.6	63.9	63.3	63.6	63.9	64.5	64.2	64.5	18.8	422.0
57,0°	65.7	65.5	64.9	63.7	63.4	62.5	62.4	61.5	61.8	61.8	62.4	62.7	62.7	19.9	441.8
58,0°	63.8	63.3	63.0	61.9	61.2	60.3	60.0	59.4	59.7	59.9	60.2	60.8	60.8	21.0	462.8
59,0°	62.0	61.4	61.0	59.8	59.1	58.1	57.5	57.2	57.5	57.8	58.4	58.7	59.0	22.0	484.8
60,0°	60.1	59.3	58.7	57.6	56.9	56.0	55.6	55.1	55.4	55.9	56.5	56.8	57.1	23.0	507.8
61,0°	58.2	57.3	56.7	55.5	54.8	53.8	53.5	52.9	53.2	54.1	54.4	54.7	55.3	23.8	531.6
62,0°	56.4	55.5	54.3	53.3	52.6	51.7	51.3	50.8	51.3	51.7	52.2	52.8	52.8	24.5	556.1
63,0°	54.5	53.3	52.1	51.2	50.5	49.3	49.2	48.9	49.2	49.5	50.1	51.0	51.0	25.2	581.3
64,0°	52.7	51.2	50.0	48.8	48.3	47.1	47.1	46.8	47.0	47.4	48.2	48.8	49.1	25.7	607.0
65,0°	50.6	49.0	47.9	46.8	46.5	45.5	45.2	44.6	45.2	45.2	46.1	46.7	46.7	26.2	633.2
66,0°	48.4	47.0	46.5	45.1	44.6	43.8	43.3	42.5	43.1	43.1	43.6	44.2	44.2	26.7	659.9
67,0°	46.5	44.8	44.4	43.1	42.5	41.3	41.2	40.3	40.9	40.9	41.5	41.8	41.8	27.1	687.0
68,0°	44.5	42.9	42.3	41.3	40.3	39.1	38.8	38.5	38.7	38.5	39.3	39.3	39.3	27.6	714.6
69,0°	42.1	40.9	40.2	38.9	38.5	37.2	36.6	36.3	36.3	35.7	36.6	36.6	36.9	27.8	742.4
70,0°	39.7	38.4	37.7	36.7	36.4	35.4	34.8	33.9	33.8	33.5	33.5	33.5	33.8	27.9	770.3
71,0°	37.2	36.0	35.5	34.6	34.0	33.3	32.6	31.4	31.4	31.1	31.0	30.7	30.7	27.9	798.2
72,0°	34.8	33.6	33.4	32.2	31.5	30.8	30.2	29.5	29.2	28.6	28.9	28.3	28.3	27.6	825.8

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
73,0°	715.6	779.1	824.2	841.6	838.1	823.1	794.4	762.7	727.5	700.2	667.8	623.7	567.8	507.8	446.5
74,0°	687.5	748.2	799.8	827.2	841.9	842.3	815.9	779.3	729.9	695.6	658.4	612.1	559.6	504.0	445.5
75,0°	651.6	701.3	748.4	774.9	800.0	804.8	799.9	771.0	717.3	674.7	631.6	580.3	534.9	485.6	426.3
76,0°	608.7	647.3	679.5	689.6	708.1	710.0	713.1	701.6	672.4	629.9	588.3	540.1	499.8	449.7	386.9
77,0°	567.9	591.4	613.0	614.5	622.5	621.0	626.0	616.5	596.1	565.6	533.9	486.1	445.6	392.9	336.5
78,0°	472.5	473.8	514.2	501.0	521.9	500.7	505.7	481.3	496.3	476.3	460.8	415.0	376.1	322.9	275.3
79,0°	375.2	360.7	361.2	350.5	357.1	355.1	374.0	364.8	383.9	370.5	367.3	329.3	301.1	249.1	210.3
80,0°	291.2	271.4	261.7	247.3	245.4	241.5	257.1	260.5	281.8	280.8	280.5	257.5	229.9	186.1	151.1
81,0°	190.7	180.2	174.1	167.4	165.9	162.1	162.3	163.6	192.2	200.0	206.8	198.4	180.8	146.2	112.5
82,0°	109.0	99.4	97.8	94.4	98.6	98.3	104.2	106.1	120.4	128.1	136.3	137.1	133.0	115.5	88.6
83,0°	60.8	57.5	59.6	58.3	60.8	58.8	59.1	55.9	72.0	76.5	84.2	85.7	83.9	74.8	66.2
84,0°	29.7	27.9	29.7	29.7	32.8	34.2	37.6	37.0	41.7	44.4	52.4	56.6	55.7	43.5	34.9
85,0°	6.7	6.3	6.4	6.5	8.1	8.4	12.6	14.0	24.2	25.5	28.4	28.0	22.6	11.1	7.3
86,0°	4.9	4.4	4.4	4.4	4.5	4.7	4.8	5.1	10.2	10.5	12.0	11.2	10.9	7.1	5.2
87,0°	3.7	3.8	3.8	3.9	4.0	3.3	3.3	2.5	3.4	2.8	2.8	2.9	2.8	2.4	2.4
88,0°	3.1	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.1	1.7	1.7	1.8
89,0°	2.5	2.5	2.5	2.6	2.5	2.9	2.9	2.1	2.2	1.9	2.0	1.2	1.2	1.2	1.2
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

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
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siteco

C-planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
73,0°	384.7	323.9	274.7	239.4	215.1	193.2	167.1	139.2	111.1	87.1	67.0	58.7	51.8	47.1	43.6
74,0°	377.9	309.4	252.7	215.3	189.7	168.1	138.2	110.5	80.9	60.9	49.0	44.0	40.0	36.3	34.7
75,0°	351.5	282.7	226.5	192.0	166.5	141.4	111.3	81.5	57.4	46.0	37.9	34.6	32.5	31.3	29.1
76,0°	312.4	248.2	198.9	167.2	141.0	114.1	81.3	57.8	41.7	35.9	31.2	27.8	24.7	23.2	20.7
77,0°	268.5	209.2	164.2	137.9	111.2	83.3	56.1	40.2	32.0	27.5	22.3	20.1	17.5	17.1	15.2
78,0°	216.5	171.6	134.8	112.8	83.6	60.3	40.6	30.0	24.3	20.2	17.4	16.0	14.0	12.4	11.2
79,0°	164.5	134.3	106.7	87.7	62.4	43.7	28.4	22.9	16.9	15.1	11.1	10.3	9.0	9.0	7.6
80,0°	121.9	102.2	85.4	65.8	38.8	26.7	20.0	14.8	12.3	9.7	7.5	6.8	6.0	6.0	5.2
81,0°	86.5	76.7	53.2	29.6	21.8	17.2	13.5	10.1	7.4	6.0	5.5	4.8	4.8	4.8	4.8
82,0°	50.7	38.4	30.2	14.8	10.4	10.4	7.9	6.6	5.3	4.7	3.1	3.1	3.5	3.6	3.6
83,0°	36.4	26.3	18.5	10.6	6.5	6.4	6.0	4.8	4.2	3.5	3.5	3.5	1.9	1.8	1.8
84,0°	26.3	9.4	6.3	5.7	4.6	4.6	3.2	2.6	1.9	1.8	1.8	1.8	1.8	1.8	1.8
85,0°	5.9	4.3	3.1	2.5	2.5	2.5	2.6	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.1
86,0°	3.0	2.5	2.5	2.5	1.9	1.9	2.0	1.8	2.0	1.8	2.0	2.1	2.1	2.1	1.2
87,0°	1.9	1.8	1.9	1.9	1.2	1.2	1.2	2.0	1.2	2.0	1.2	1.2	1.5	1.2	1.2
88,0°	1.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.2	0.6	1.5	1.2
89,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	0.4	1.4	0.6	0.6	1.2
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

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
		siteco

C-planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
73,0°	40.9	38.8	35.9	34.7	36.5	35.6	35.6	646.5	582.2	504.2	449.0	438.0	435.0	407.6	362.2
74,0°	32.7	29.7	31.1	30.0	30.4	30.7	28.9	621.1	555.2	469.8	416.2	419.3	427.5	399.2	354.9
75,0°	27.7	24.2	22.7	20.9	20.3	19.7	22.1	592.8	525.7	424.7	366.4	376.8	394.9	376.0	331.4
76,0°	19.8	17.8	17.1	17.2	16.3	15.7	16.6	560.0	489.3	371.9	309.5	318.6	343.2	338.3	301.5
77,0°	15.2	13.8	12.9	13.5	13.2	12.9	12.9	519.9	438.9	306.8	253.0	262.1	291.9	295.5	267.3
78,0°	11.2	10.7	10.7	9.2	9.8	8.3	9.8	440.2	374.7	243.6	203.4	215.0	245.6	254.7	228.1
79,0°	7.9	7.0	7.0	6.1	7.0	6.1	7.4	371.6	318.4	205.4	175.1	187.0	210.9	219.8	201.7
80,0°	4.3	4.6	4.6	4.6	4.6	4.6	4.9	295.3	256.2	170.4	156.9	164.0	177.3	179.6	153.7
81,0°	4.9	4.0	4.0	4.3	4.3	4.3	3.7	196.2	181.0	135.4	134.7	137.2	138.3	133.0	114.9
82,0°	3.6	3.6	3.4	2.5	2.5	2.5	3.1	123.5	127.4	97.7	98.0	93.8	90.5	81.3	58.9
83,0°	1.8	1.8	2.7	2.8	2.8	2.5	2.5	67.1	71.7	45.5	36.9	29.9	35.8	35.3	34.5
84,0°	2.1	1.8	2.1	2.1	2.1	3.1	2.5	31.6	32.3	21.5	12.4	8.9	12.9	14.0	6.8
85,0°	1.0	2.1	1.2	1.2	1.2	1.2	1.8	6.1	7.0	6.4	6.3	5.8	6.0	5.6	5.5
86,0°	2.1	1.2	1.2	1.2	1.2	1.2	1.2	4.8	4.8	4.7	4.6	4.5	4.4	4.4	4.0
87,0°	1.2	1.5	1.2	1.2	1.2	1.2	1.2	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4
88,0°	1.5	0.6	1.2	1.2	1.2	1.2	1.2	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8
89,0°	0.3	0.6	1.2	1.2	1.2	1.2	1.2	2.4	2.4	2.3	2.3	2.3	2.2	2.2	1.8
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

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
		siteco

C-planes	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Luminous intensity in cd/klm														
73,0°	298.6	218.2	138.7	84.4	60.2	52.1	46.6	43.7	42.7	40.7	38.5	35.7	34.5	33.6	33.1
74,0°	281.3	196.9	122.6	72.2	53.6	47.3	42.4	39.9	37.9	36.9	34.5	33.1	31.9	30.8	30.6
75,0°	253.8	172.0	102.0	61.9	48.2	42.3	38.0	35.0	33.6	32.2	30.9	29.7	28.9	28.4	28.0
76,0°	224.6	146.8	83.4	52.6	43.1	38.9	35.1	31.8	30.0	29.2	27.9	27.1	26.0	26.2	25.1
77,0°	192.0	120.5	63.4	43.5	37.1	34.0	29.9	30.0	27.5	26.6	25.3	24.1	23.5	23.3	22.7
78,0°	161.3	92.1	50.8	36.0	30.8	28.7	26.1	25.2	23.2	22.5	21.8	21.6	21.0	20.8	20.2
79,0°	136.9	76.0	40.2	30.0	26.0	23.8	21.8	21.0	20.2	19.4	18.7	18.6	18.3	17.7	17.6
80,0°	100.6	53.0	29.4	23.9	21.0	18.9	18.1	17.3	17.1	15.7	15.1	15.5	14.9	14.7	14.5
81,0°	73.0	38.3	22.0	18.1	16.0	15.2	13.8	13.6	13.4	12.7	12.6	12.4	12.3	11.7	11.7
82,0°	38.4	22.2	15.0	14.0	12.3	11.4	10.7	10.5	10.4	9.7	9.5	9.5	9.2	9.1	9.0
83,0°	22.1	12.6	9.5	8.6	8.5	8.3	7.5	7.4	7.3	7.2	6.5	6.9	6.3	6.2	6.1
84,0°	6.9	6.6	6.1	6.0	5.9	5.8	5.7	5.6	5.5	4.8	4.1	4.0	3.9	3.9	3.8
85,0°	4.8	5.3	3.9	3.8	3.9	3.9	3.8	3.7	3.1	3.6	2.5	2.4	2.3	2.2	2.1
86,0°	3.1	4.1	3.3	3.2	2.5	2.5	2.5	2.5	2.4	2.4	2.4	1.8	1.7	1.2	1.2
87,0°	3.3	2.5	2.5	2.6	2.5	2.5	1.8	1.9	1.8	1.8	1.8	1.2	1.2	1.2	1.2
88,0°	2.7	2.7	2.6	1.9	2.6	1.9	1.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
89,0°	2.1	1.8	1.8	1.8	2.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
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

C-planes	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm													Luminous flux in lm/klm	
73,0°	32.3	31.3	31.0	29.7	29.3	28.4	27.8	27.4	26.8	26.4	26.1	25.5	25.8	27.2	852.9
74,0°	29.9	29.2	28.5	27.3	26.9	25.7	25.3	24.4	24.0	23.4	23.0	22.1	22.7	26.3	879.2
75,0°	27.5	26.6	26.1	24.8	24.1	22.9	22.5	21.0	20.3	18.5	18.1	16.9	17.2	24.6	903.7
76,0°	25.0	23.8	23.6	22.4	21.6	19.6	18.6	16.4	15.1	12.4	11.7	9.8	10.4	22.1	925.9
77,0°	22.5	21.3	20.9	19.6	18.4	15.6	14.0	11.5	10.2	8.0	6.8	4.9	5.5	19.4	945.3
78,0°	20.1	18.8	17.9	16.5	14.6	12.1	10.5	8.3	6.8	5.8	4.0	3.1	3.1	16.0	961.3
79,0°	17.4	16.3	15.0	13.7	11.6	9.4	8.3	6.5	4.9	4.0	2.8	1.8	1.8	12.5	973.9
80,0°	14.6	13.9	12.6	11.3	9.0	7.4	6.5	4.9	4.0	2.5	2.1	1.2	1.2	9.5	983.4
81,0°	11.9	11.0	9.9	8.8	7.4	5.9	5.0	4.0	3.4	1.5	1.5	1.2	1.2	6.8	990.2
82,0°	8.9	7.8	7.1	6.4	5.7	4.4	3.5	3.1	2.5	1.2	1.2	1.2	1.2	4.4	994.6
83,0°	5.8	5.3	4.6	4.2	3.5	2.9	2.2	2.2	1.5	1.2	1.2	1.2	1.2	2.6	997.1
84,0°	3.3	2.9	2.4	2.4	2.2	1.6	1.6	1.6	1.2	1.2	1.2	0.9	1.2	1.4	998.5
85,0°	2.1	1.2	1.2	1.2	1.6	1.2	1.2	1.2	0.9	0.9	0.9	0.6	1.2	0.6	999.1
86,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.9	0.3	0.9	0.3	0.6	0.3	999.4
87,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.3	0.6	0.6	1.2	0.3	0.0	0.2	999.7
88,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.0	0.9	1.2	0.3	0.0	0.2	999.8
89,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.6	0.9	0.9	0.3	0.0	0.2	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
Dimming levels table		siteco
environmental temperature: 25°C		

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	2870	19.4	19.9	19.6
95	241	252	2723	18.2	18.8	18.5
90	229	250	2588	17.2	17.7	17.4
85	216	248	2441	16.2	16.6	16.4
80	203	246	2294	15.1	15.6	15.4
75	190	243	2147	14.2	14.6	14.4
70	178	241	2011	13.2	13.6	13.4
65	165	238	1864	12.3	12.6	12.4
60	152	235	1717	11.3	11.6	11.4
55	140	232	1582	10.4	10.7	10.6
50	127	229	1435	9.5	9.8	9.6
45	114	225	1288	8.6	8.8	8.7
40	102	221	1153	7.8	8.0	7.9
35	89	216	1006	6.9	7.1	7.0
30	76	210	859	6.1	6.3	6.2
25	63	203	712	5.3	5.4	5.4
20	51	195	576	4.5	4.6	4.6
17	42	188	475	4.0	4.1	4.0

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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	2870	19.2	19.8	19.5
95	241	252	2723	18.1	18.7	18.4
90	229	250	2588	17.2	17.7	17.4
85	216	248	2441	16.1	16.6	16.4
80	203	246	2294	15.1	15.6	15.4
75	190	243	2147	14.1	14.5	14.3
70	178	241	2011	13.2	13.7	13.4
65	165	238	1864	12.2	12.6	12.4
60	152	235	1718	11.3	11.6	11.4
55	140	232	1582	10.4	10.7	10.6
50	127	229	1435	9.5	9.8	9.6
45	114	225	1288	8.6	8.9	8.8
40	102	221	1153	7.8	8.1	8.0
35	89	216	1006	6.9	7.1	7.0
30	76	210	859	6.1	6.3	6.2
25	63	203	712	5.4	5.5	5.4
20	51	195	576	4.6	4.7	4.6
17	42	188	475	4.0	4.1	4.0

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
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Dimming levels table	environmental temperature: 15°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	2870	19.2	19.8	19.5
95	241	252	2723	18.1	18.7	18.4
90	229	250	2588	17.2	17.6	17.4
85	216	248	2441	16.1	16.6	16.4
80	203	246	2294	15.1	15.6	15.4
75	190	243	2147	14.1	14.5	14.3
70	178	241	2011	13.2	13.6	13.4
65	165	238	1864	12.2	12.6	12.4
60	152	235	1718	11.3	11.6	11.4
55	140	232	1582	10.4	10.7	10.6
50	127	229	1435	9.4	9.7	9.6
45	114	225	1288	8.6	8.8	8.7
40	102	221	1153	7.8	8.0	7.9
35	89	216	1006	6.9	7.1	7.0
30	76	210	859	6.2	6.3	6.2
25	63	203	712	5.3	5.4	5.4
20	51	195	576	4.6	4.7	4.6
17	42	188	475	4.0	4.2	4.1

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A31D08CB EAN: 4058352739341	LP number 59080_553
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Luminousfluxs table **sITeco**

Temperature °C	Luminous flux lm	Power consumption W
25.0	2870.0	19.4
5.0	2870.0	19.2
15.0	2870.0	19.2