
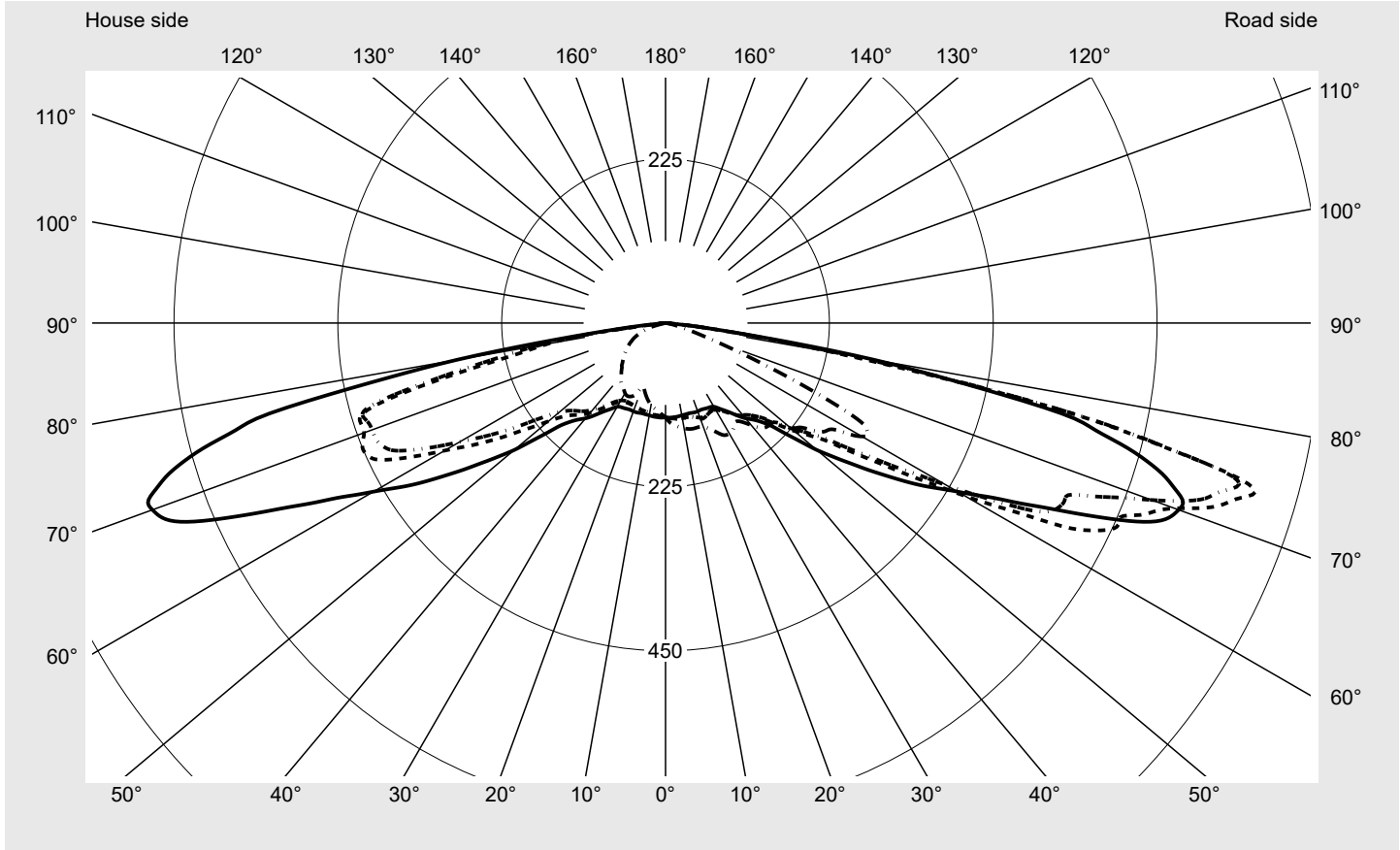


Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
	Version post-top or side-entry mounting Optic asymmetric, extremely wide distribution (P1.0a) Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 5010 lm Power consumption = 36.4 W Luminous efficacy = 137.6 lm/W	serial documentation 26.10.2022



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

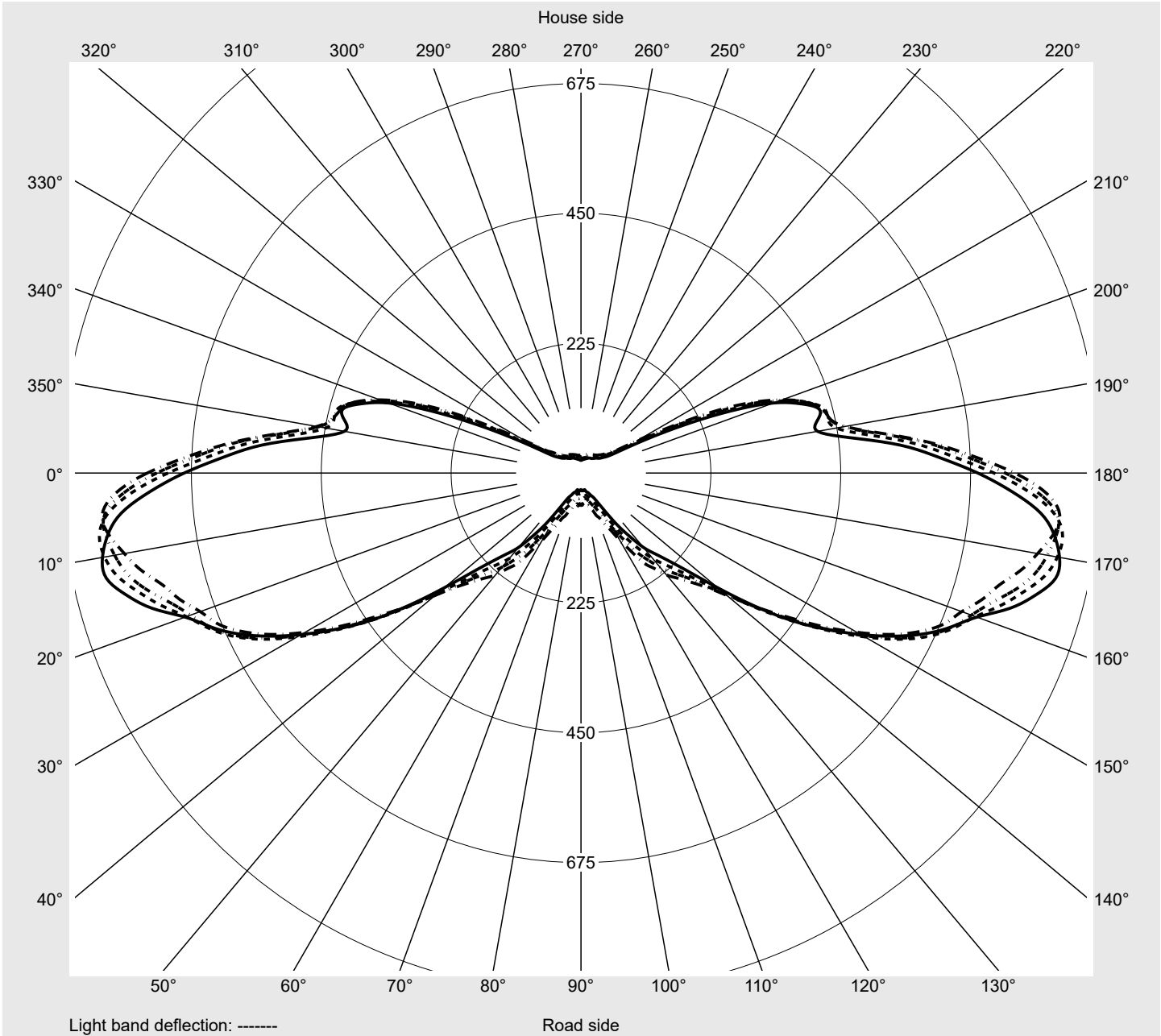
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
Table of values for luminous intensities		Maximum luminous intensity
		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														
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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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Table of values for luminous intensities Maximum luminous intensity

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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
		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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
		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: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	5010	36.4	38.3	37.3
95	241	252	4754	33.9	35.7	34.8
90	229	250	4517	31.8	33.4	32.6
85	216	248	4260	29.5	31.0	30.2
80	203	246	4004	27.3	28.6	28.0
75	190	243	3748	25.2	26.4	25.8
70	178	241	3511	23.3	24.5	23.9
65	165	238	3255	21.3	22.4	21.8
60	152	235	2998	19.4	20.4	19.9
55	140	232	2761	17.7	18.6	18.2
50	127	229	2505	15.9	16.7	16.3
45	114	225	2249	14.3	14.9	14.6
40	102	221	2012	12.7	13.2	13.0
35	89	216	1755	11.1	11.6	11.4
30	76	210	1499	9.6	9.9	9.8
25	63	203	1243	8.0	8.4	8.2
20	51	195	1006	6.7	7.0	6.8
15	38	184	750	5.3	5.5	5.4
10	26	171	513	4.1	4.3	4.2

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	5010	35.7	37.4	36.6
95	241	252	4754	33.3	34.9	34.1
90	229	250	4517	31.3	32.7	32.0
85	216	248	4260	29.1	30.5	29.8
80	203	246	4004	26.9	28.2	27.6
75	190	243	3748	24.9	26.1	25.5
70	178	241	3511	23.1	24.2	23.6
65	165	238	3255	21.2	22.1	21.6
60	152	235	2998	19.4	20.2	19.8
55	140	232	2761	17.7	18.4	18.0
50	127	229	2505	16.0	16.6	16.3
45	114	225	2249	14.2	14.8	14.5
40	102	221	2012	12.7	13.2	13.0
35	89	216	1755	11.1	11.6	11.4
30	76	210	1499	9.5	9.9	9.7
25	63	203	1243	8.1	8.3	8.2
20	51	195	1006	6.7	7.0	6.8
15	38	184	750	5.4	5.6	5.5
11	27	172	533	4.2	4.4	4.3

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	5010	36.0	37.7	36.8
95	241	252	4754	33.6	35.2	34.4
90	229	250	4517	31.5	32.9	32.2
85	216	248	4260	29.2	30.6	29.9
80	203	246	4004	27.1	28.4	27.8
75	190	243	3748	25.0	26.2	25.6
70	178	241	3511	23.1	24.2	23.6
65	165	238	3255	21.2	22.2	21.7
60	152	235	2998	19.3	20.3	19.8
55	140	232	2761	17.7	18.4	18.0
50	127	229	2505	15.9	16.6	16.2
45	114	225	2249	14.2	14.9	14.6
40	102	221	2012	12.7	13.2	13.0
35	89	216	1755	11.1	11.6	11.4
30	76	210	1499	9.6	9.9	9.8
25	63	203	1243	8.1	8.4	8.2
20	51	195	1006	6.8	6.9	6.8
15	38	184	750	5.4	5.5	5.4
11	27	172	533	4.2	4.4	4.3

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1A41G08DB EAN: 4058352739488	LP number 59080_409
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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
25.0	5010.0	36.4
5.0	5010.0	35.7
15.0	5010.0	36.0