

Photometric test report

Family
Streetlight 21 mini LED

Order number: 5XE2A43S08HB
EAN: 4058352724125

LP number
59080_304

serial
documentation
18.07.2022



Version post-top or side-entry mounting, Smart Interface up
Optic asymmetric, extremely wide distribution (P1.0a)
Cover toughened safety glass
Lamps LED 4000 K | CRI ≥ 70
Controlgear EVG-Smart Interface
Rated values Net luminous flux = 9430 lm
 Power consumption = 66.0 W
 Luminous efficacy = 142.9 lm/W

siteco

Luminous intensity in cd/klm

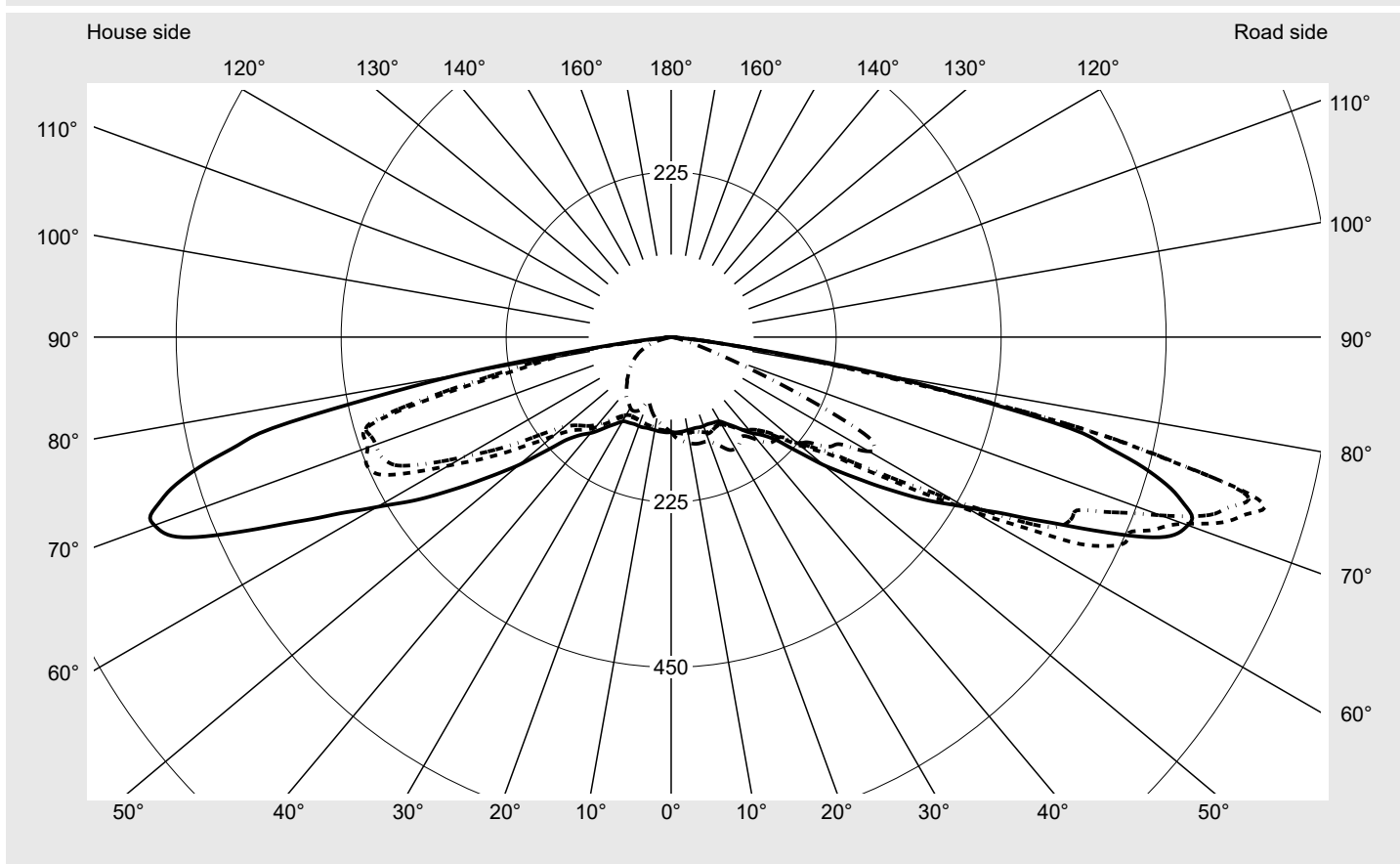
C180-0

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

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Envelope curve in cd/klm

KMK 74°

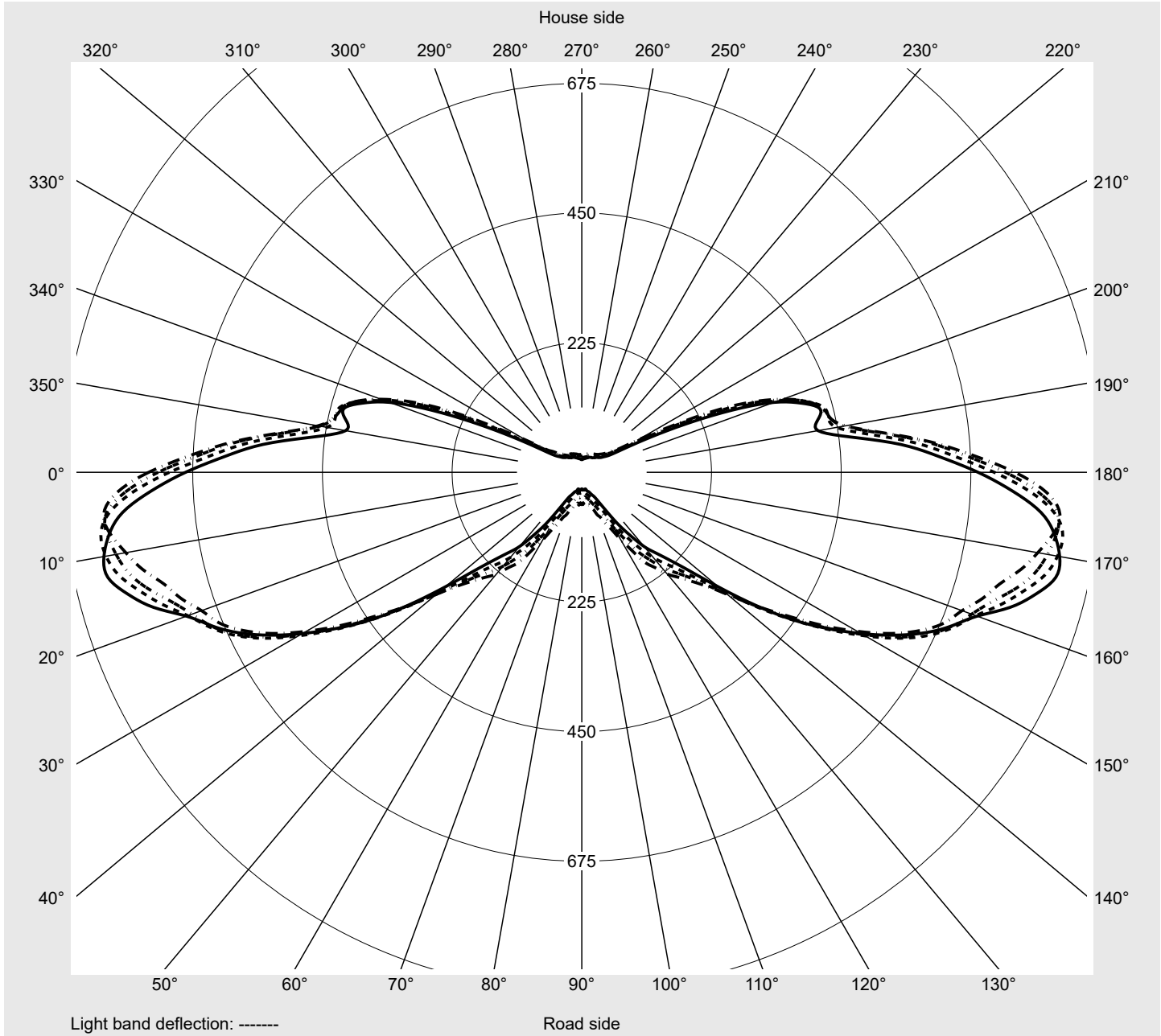
KMK 73°

KMK 72°

KMK 71°

sit

eco



Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2A43S08HB EAN: 4058352724125	LP number 59080_304
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

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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

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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 mini LED	Order number: 5XE2A43S08HB EAN: 4058352724125	LP number 59080_304
Table of values for luminous intensities		Maximum luminous intensity
		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														
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 mini LED	Order number: 5XE2A43S08HB EAN: 4058352724125	LP number 59080_304
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 mini LED	Order number: 5XE2A43S08HB EAN: 4058352724125	LP number 59080_304
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 mini LED	Order number: 5XE2A43S08HB EAN: 4058352724125	LP number 59080_304
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 mini LED

Order number: 5XE2A43S08HB
EAN: 4058352724125

LP number
59080_304

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 mini LED

Order number: 5XE2A43S08HB
EAN: 4058352724125

LP number
59080_304

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

office	industry	traffic	retail	public	sports
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Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2A43S08HB EAN: 4058352724125	LP number 59080_304
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	9430	66.0	68.9	67.4
95	238	252	8958	61.7	64.5	63.1
90	223	249	8497	57.8	60.3	59.0
85	208	247	8019	53.8	56.3	55.0
80	193	244	7534	50.0	52.2	51.1
75	179	241	7063	46.4	48.4	47.4
70	165	238	6584	42.9	44.6	43.8
65	152	235	6129	39.6	41.2	40.4
60	139	232	5666	36.2	37.8	37.0
55	126	228	5191	33.0	34.4	33.7
50	113	224	4707	29.8	31.0	30.4
45	101	220	4250	26.8	27.9	27.4
40	89	216	3785	23.9	24.8	24.4
35	77	210	3308	20.9	21.8	21.4
30	65	204	2823	18.0	18.7	18.4
25	54	197	2371	15.3	15.8	15.6
20	42	188	1869	12.4	12.8	12.6
16	34	180	1529	10.5	10.8	10.6

Dimming levels table		environmental temperature: 5°C				
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	9680	66.8	69.7	68.2
95	238	252	9181	62.5	65.3	63.9
90	223	249	8699	58.6	61.1	59.8
85	209	247	8234	54.8	57.3	56.0
80	194	244	7728	50.9	53.2	52.0
75	181	242	7276	47.5	49.6	48.6
70	167	239	6783	43.9	45.8	44.8
65	153	235	6279	40.3	42.1	41.2
60	140	232	5803	37.0	38.6	37.8
55	127	229	5316	33.8	35.2	34.5
50	115	225	4859	30.7	32.0	31.4
45	102	221	4355	27.5	28.6	28.0
40	90	216	3879	24.4	25.4	24.9
35	78	211	3394	21.5	22.3	21.9
30	66	205	2901	18.5	19.2	18.8
25	54	197	2401	15.5	16.1	15.8
20	43	189	1934	12.8	13.3	13.0
16	34	180	1547	10.7	11.0	10.8

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2A43S08HB EAN: 4058352724125	LP number 59080_304
Dimming levels table		environmental temperature: 15°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	9560	66.4	69.3	67.8
95	238	252	9074	62.1	64.9	63.5
90	223	249	8602	58.2	60.7	59.4
85	208	247	8113	54.2	56.6	55.4
80	194	244	7650	50.6	52.8	51.7
75	180	241	7171	46.9	49.1	48.0
70	166	238	6686	43.3	45.2	44.2
65	153	235	6224	40.0	41.8	40.9
60	139	232	5719	36.5	38.1	37.3
55	127	229	5274	33.5	34.9	34.2
50	114	225	4783	30.3	31.5	30.9
45	101	220	4284	27.0	28.1	27.6
40	89	216	3813	24.0	24.9	24.4
35	77	210	3331	21.1	21.9	21.5
30	66	205	2883	18.4	19.1	18.8
25	54	197	2387	15.4	15.9	15.6
20	43	189	1923	12.7	13.2	13.0
16	34	180	1539	10.6	10.9	10.8

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2A43S08HB EAN: 4058352724125	LP number 59080_304
Luminousfluxs table		siteco

Temperature °C	Luminous flux lm	Power consumption W
25.0	9430.0	66.0
5.0	9680.0	66.8
15.0	9560.0	66.4