

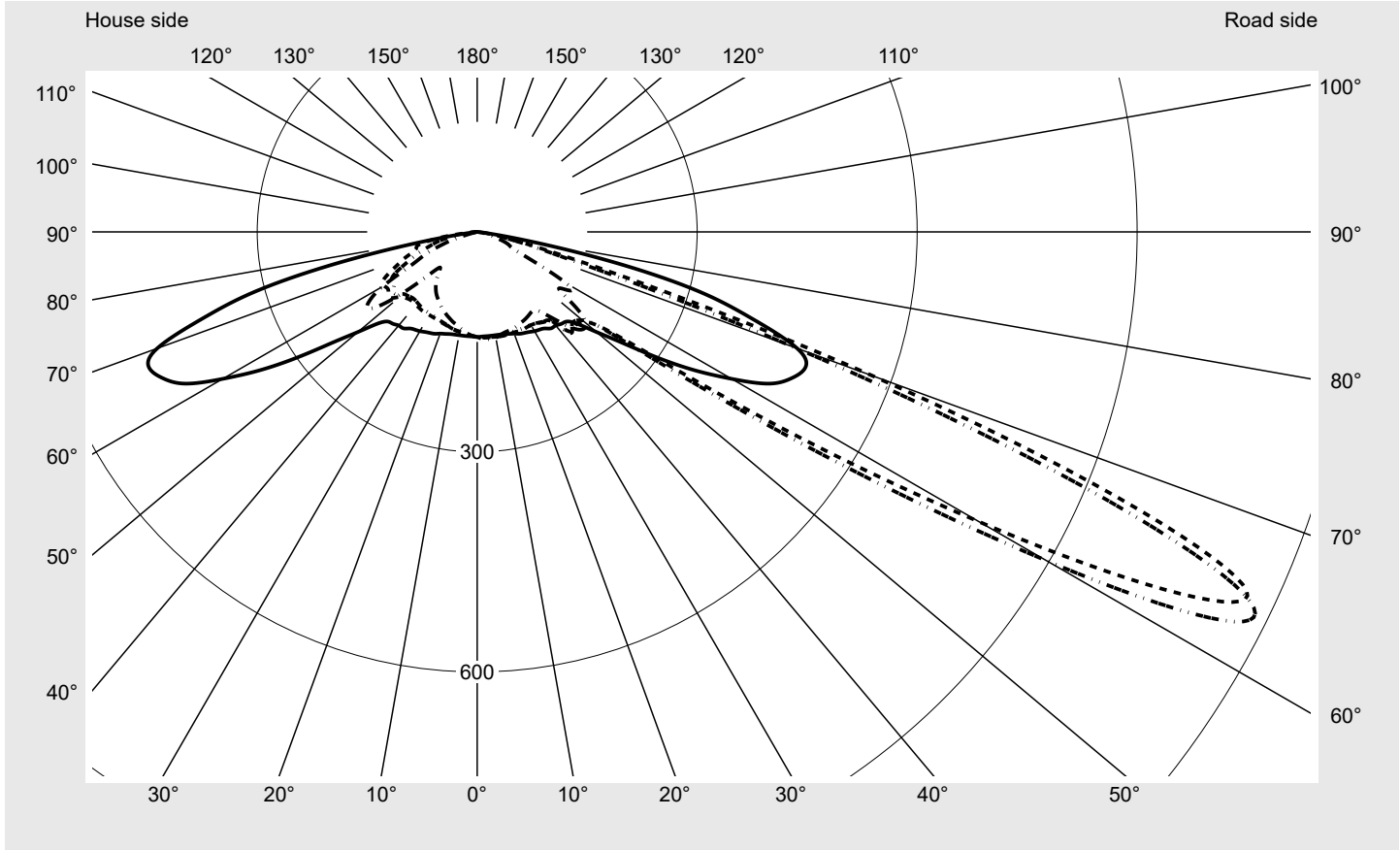


Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
	Version post-top or side-entry mounting Optic asymmetric, wide distribution (ST1.5a) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 19170 lm Power consumption = 146.7 W Luminous efficacy = 130.7 lm/W	serial documentation 18.07.2022

Luminous intensity in cd/klm
C180-0
C215-35
C217,5-37,5
C270-90
Imax: 1158 cd/klm



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

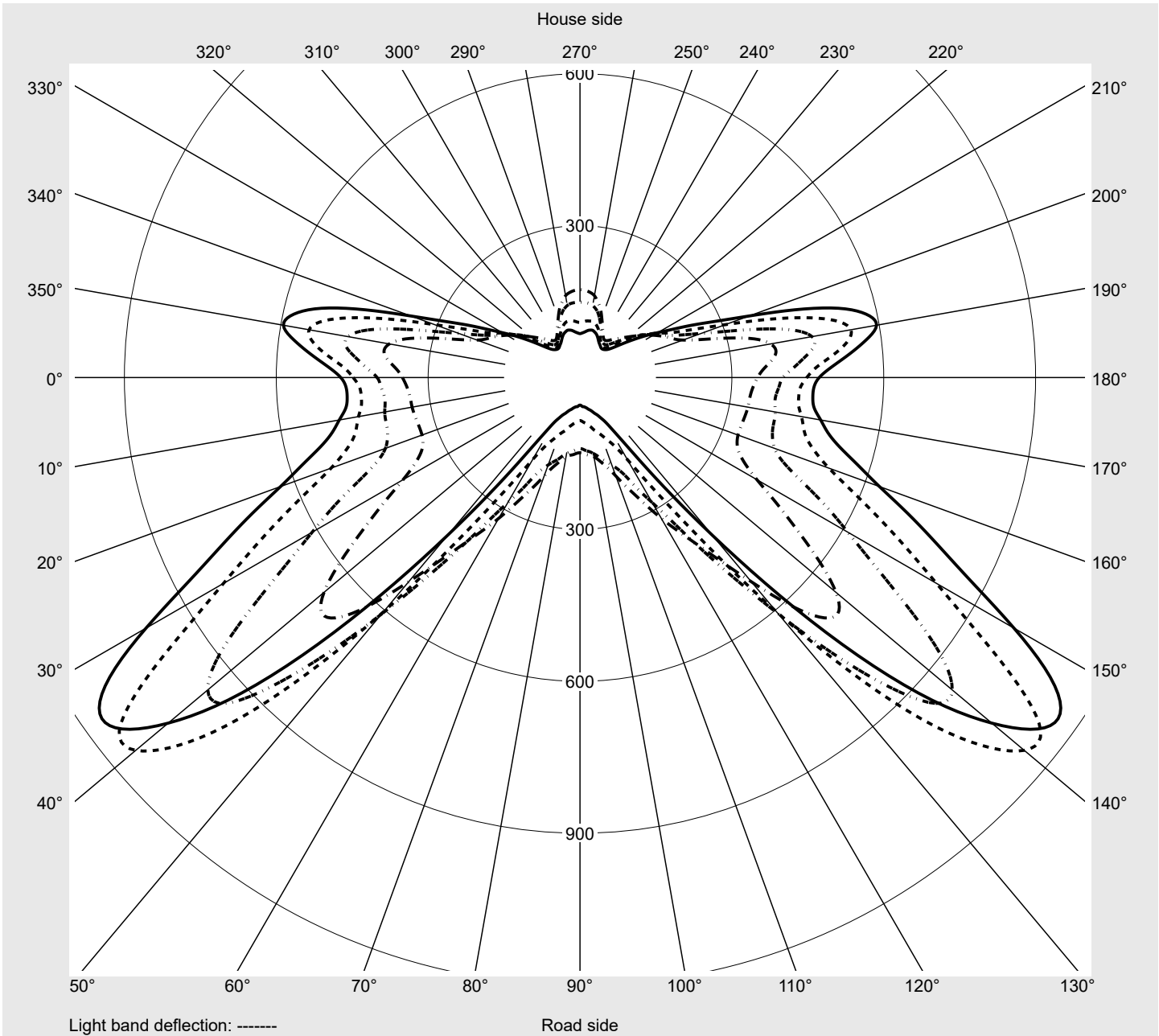
Luminous intensity class acc. to EN13201-2	
Class:	---
Imax 70°	798.1
Imax 80°	214.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
 DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
--	--	-----------------------------

Envelope curve in cd/klm **KMK 65°** **KMK 62.5°** **KMK 60°** **KMK 57.5°** **siteco**



Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
---	--	------------------------------------

siteco

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														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	142.8	142.8	142.8	142.9	143.1	143.1	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9
5,0°	142.7	142.9	143.0	143.1	143.3	143.5	143.6	143.7	143.9	143.9	144.0	144.1	144.2	144.3	144.4
7,5°	142.8	143.0	143.2	143.4	143.5	143.7	143.9	143.9	144.1	144.1	144.2	144.3	144.3	144.4	144.5
10,0°	143.0	143.3	143.5	143.6	143.9	144.0	144.0	144.1	144.2	144.3	144.4	144.5	144.7	144.8	145.1
12,5°	143.4	143.6	143.9	144.1	144.3	144.4	144.4	144.4	144.5	144.7	144.9	145.1	145.3	145.5	145.6
15,0°	144.2	144.5	144.8	144.9	145.1	145.1	145.1	145.2	145.4	145.6	145.7	146.0	146.0	146.1	146.1
17,5°	145.8	146.0	146.1	146.2	146.1	146.1	146.3	146.6	146.9	147.3	147.5	147.4	147.2	146.6	146.1
20,0°	147.6	147.9	147.9	147.8	147.6	147.5	148.0	148.5	149.0	149.4	149.3	149.1	148.4	147.2	145.9
22,5°	150.4	150.6	150.6	150.3	149.8	149.8	150.4	151.2	151.9	152.3	152.2	151.2	150.0	148.4	146.5
25,0°	152.1	152.6	152.7	152.4	151.8	151.8	152.5	153.5	154.3	154.7	154.1	152.8	151.0	149.1	147.2
27,5°	153.8	154.4	154.7	154.3	153.6	153.6	154.1	154.9	155.5	155.5	154.3	152.3	150.0	148.0	146.5
30,0°	156.3	157.0	157.4	156.8	155.7	155.5	155.7	156.0	156.0	155.2	153.4	151.2	149.2	147.9	147.1
32,5°	158.1	158.9	159.8	158.7	157.2	156.8	156.8	156.5	155.9	154.8	153.4	151.9	150.7	149.5	148.5
35,0°	160.7	161.8	162.6	162.2	160.9	160.1	159.4	158.7	158.1	157.0	155.7	154.5	153.2	152.0	151.0
37,5°	165.7	166.1	166.2	165.4	165.0	164.2	162.8	161.5	160.7	160.4	159.8	158.2	156.6	154.8	153.7
40,0°	166.6	168.0	168.8	167.7	167.3	166.7	165.5	164.1	163.2	162.3	161.4	160.3	159.5	159.1	159.4
42,5°	170.0	170.9	171.8	172.1	171.9	171.0	169.4	168.2	166.9	166.4	165.8	167.1	170.6	177.0	183.4
45,0°	172.8	175.4	177.0	177.0	176.3	174.8	173.5	173.2	174.0	177.6	181.1	184.0	186.0	187.8	186.7
47,5°	185.7	187.3	190.2	192.0	190.4	188.4	189.3	191.3	193.7	195.3	194.9	193.8	191.8	189.0	185.1
50,0°	212.4	217.2	220.2	221.6	222.5	223.0	223.3	222.1	219.2	214.6	208.3	202.9	198.2	194.4	191.1
52,5°	247.1	249.7	251.8	252.7	252.4	251.7	249.9	246.8	241.4	234.4	227.7	220.9	214.7	212.4	214.2
55,0°	297.3	297.7	296.4	295.8	295.4	294.0	291.1	286.7	281.1	274.7	268.6	263.1	262.8	276.5	308.0
57,5°	350.8	343.8	339.4	337.4	336.8	335.2	333.3	332.0	332.2	335.9	345.9	367.3	403.6	458.5	522.3
60,0°	400.7	393.9	388.9	388.3	391.7	393.1	394.0	398.8	409.1	433.6	481.3	545.9	610.9	689.2	790.7
62,5°	448.1	436.0	433.8	435.8	444.3	452.1	463.5	487.0	523.4	578.3	647.3	725.1	813.3	924.2	1055.4
65,0°	472.5	462.3	461.7	467.0	482.8	501.3	531.4	575.9	629.5	700.3	778.1	870.7	989.9	1101.5	1157.9
67,5°	484.2	471.1	471.3	481.5	504.1	534.5	585.0	642.0	703.7	780.6	869.3	953.0	995.9	986.1	943.8
70,0°	464.4	449.7	450.7	467.4	493.7	530.1	578.7	634.7	700.5	767.2	798.1	784.8	735.5	664.7	573.7
72,5°	392.8	388.4	393.0	413.7	440.2	469.5	503.0	541.4	565.4	566.1	534.9	483.8	414.8	333.4	252.8
75,0°	312.1	307.6	313.3	327.7	348.5	372.0	389.6	388.5	368.3	332.7	294.3	244.7	190.7	137.0	105.3
77,5°	189.9	195.2	198.5	206.5	221.1	230.8	229.7	213.5	188.8	161.7	132.1	99.8	74.0	60.2	51.1
80,0°	70.3	62.4	59.0	57.6	57.7	62.9	73.3	71.0	58.9	47.0	36.3	30.1	27.5	25.5	23.4
82,5°	14.9	14.1	13.5	13.4	13.9	14.7	15.6	15.7	14.3	11.7	10.5	10.4	10.5	10.5	10.1
85,0°	4.1	4.1	4.0	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8
87,5°	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.8	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 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	144.1	144.2	144.3	144.4	144.4	144.6	144.8	144.9	145.0	145.1	145.1	145.2	145.2	145.2	145.3
5,0°	144.5	144.7	144.8	144.9	144.9	145.1	145.2	145.4	145.6	145.6	145.7	145.8	145.9	146.0	146.1
7,5°	144.7	144.9	145.1	145.2	145.4	145.6	145.8	146.1	146.2	146.5	146.7	146.8	146.9	147.0	147.1
10,0°	145.2	145.5	145.7	145.9	146.1	146.2	146.3	146.5	146.6	146.7	146.7	146.7	146.6	146.6	146.5
12,5°	145.7	145.9	146.1	146.1	146.1	146.0	146.0	145.9	145.6	145.4	145.2	145.0	144.8	144.7	144.6
15,0°	146.1	145.9	145.6	145.1	144.7	144.3	144.0	143.8	143.5	143.3	143.0	142.7	142.5	142.4	142.3
17,5°	145.3	144.7	144.1	143.4	142.7	142.2	141.7	141.5	141.3	141.2	141.2	141.0	141.0	140.9	141.0
20,0°	144.5	143.3	142.3	141.7	141.2	140.9	140.5	140.5	140.3	140.4	140.3	140.3	140.3	140.4	140.3
22,5°	144.7	143.2	142.2	141.4	140.9	140.6	140.5	140.3	140.1	140.1	140.1	140.1	140.1	140.0	140.0
25,0°	145.3	143.8	142.6	141.9	141.4	141.1	140.9	140.7	140.4	140.1	139.9	139.6	139.2	139.0	138.7
27,5°	145.4	144.7	144.0	143.4	142.6	142.1	141.4	140.8	140.1	139.5	138.8	138.3	138.0	137.7	137.4
30,0°	146.6	146.3	146.1	145.6	144.4	143.1	141.8	140.7	139.7	138.9	138.3	137.6	137.1	136.7	136.2
32,5°	147.9	148.3	149.4	149.2	147.7	145.3	143.3	141.7	140.4	139.2	138.3	137.2	136.3	135.5	134.8
35,0°	150.4	150.2	150.8	151.6	149.9	147.1	144.6	142.5	140.6	139.0	137.8	136.6	135.8	134.9	134.1
37,5°	152.8	151.9	150.7	149.7	150.1	149.1	146.8	143.8	141.6	139.8	138.4	136.9	135.7	134.7	134.1
40,0°	161.0	164.5	168.6	171.3	172.7	172.2	170.1	166.1	160.9	154.8	148.7	143.6	140.7	139.7	140.2
42,5°	186.8	187.3	186.7	184.0	179.0	173.8	170.0	166.2	161.1	157.4	154.7	152.9	152.7	153.8	155.1
45,0°	182.8	178.9	174.1	169.8	166.6	164.1	163.1	163.3	163.6	164.9	166.2	167.6	169.7	172.0	174.0
47,5°	180.0	176.2	173.4	171.2	170.1	170.8	172.0	175.4	179.8	184.3	187.4	189.6	191.8	193.5	194.1
50,0°	187.5	185.2	183.9	184.0	187.3	192.4	199.0	205.3	210.0	214.2	216.3	214.8	212.0	209.8	207.2
52,5°	218.8	227.2	239.6	251.9	261.3	267.0	266.2	261.5	253.9	247.3	244.9	235.9	226.3	216.2	206.7
55,0°	351.2	391.6	419.1	432.1	429.9	408.9	375.3	339.6	313.6	292.8	274.7	252.0	228.2	207.5	190.9
57,5°	595.6	660.1	690.6	669.0	605.5	526.5	457.2	401.8	358.6	321.1	285.3	254.5	229.7	207.0	188.8
60,0°	897.1	959.8	952.8	864.4	739.0	609.8	497.0	406.8	334.3	285.2	249.3	216.0	196.1	183.8	174.5
62,5°	1147.2	1145.6	1075.2	953.7	783.7	604.3	437.1	316.8	238.8	187.0	157.2	140.6	129.3	119.9	112.9
65,0°	1140.2	1062.0	943.2	776.3	584.1	406.2	271.7	178.5	129.0	102.9	90.7	82.1	76.9	71.7	67.6
67,5°	852.9	715.2	554.7	398.3	252.6	153.7	106.1	81.9	70.1	64.3	61.5	59.7	59.3	58.8	56.0
70,0°	460.6	337.8	231.0	155.4	103.2	75.1	62.5	55.5	51.5	49.6	48.1	46.9	45.9	46.1	46.2
72,5°	182.3	140.9	106.6	78.2	58.1	47.0	41.2	38.6	37.0	36.0	35.6	34.2	33.6	32.9	27.9
75,0°	85.2	71.5	56.9	44.0	35.4	29.8	27.3	26.0	25.1	24.5	24.2	23.4	22.1	19.8	19.4
77,5°	44.0	38.2	31.8	25.6	21.3	19.0	18.3	17.5	16.9	16.5	16.3	15.8	15.2	14.8	14.4
80,0°	21.2	19.3	16.6	14.1	12.4	11.8	11.6	11.4	11.0	10.9	10.7	10.4	10.1	9.9	9.7
82,5°	9.4	8.9	8.3	7.5	6.9	6.6	6.7	6.7	6.6	6.4	6.3	6.2	6.0	5.8	5.8
85,0°	3.6	3.6	3.5	3.3	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.8	2.8	2.6	2.6
87,5°	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.0	0.9
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
---	--	------------------------------------



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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	145.3	145.4	145.4	145.5	145.6	145.6	145.6	142.6	142.5	142.3	142.2	142.2	142.1	142.1	142.1
5,0°	146.1	146.2	146.3	146.4	146.4	146.5	146.5	142.6	142.3	142.0	141.8	141.7	141.5	141.4	141.3
7,5°	147.2	147.2	147.4	147.4	147.4	147.4	147.4	142.5	142.2	141.9	141.5	141.3	141.0	140.9	140.6
10,0°	146.5	146.6	146.6	146.5	146.5	146.5	146.5	142.6	142.2	141.8	141.4	141.0	140.9	140.5	140.2
12,5°	144.4	144.5	144.4	144.4	144.3	144.3	144.2	142.9	142.4	142.0	141.5	141.1	140.7	140.4	139.9
15,0°	142.2	142.2	142.3	142.3	142.3	142.3	142.2	143.8	143.3	142.8	142.3	141.9	141.5	141.2	140.7
17,5°	141.1	141.2	141.3	141.4	141.4	141.4	141.4	145.2	144.8	144.3	143.6	143.0	142.4	141.8	140.8
20,0°	140.4	140.5	140.5	140.7	140.8	140.8	140.8	147.3	146.5	145.6	144.8	143.9	143.0	141.8	140.5
22,5°	139.9	139.8	139.7	139.7	139.6	139.7	139.6	149.4	148.7	147.6	146.5	145.5	144.1	142.5	140.9
25,0°	138.4	138.1	138.0	137.9	137.9	137.9	137.9	151.2	150.2	149.3	148.4	147.4	145.6	143.9	142.0
27,5°	137.1	136.8	136.6	136.5	136.6	136.5	136.6	152.7	151.8	150.9	149.9	148.7	147.0	145.2	143.3
30,0°	135.8	135.5	135.2	135.0	134.9	134.9	134.9	155.2	153.9	152.7	151.4	149.7	147.9	146.1	144.4
32,5°	134.2	133.8	133.5	133.2	133.0	132.9	133.0	156.7	155.1	153.8	152.3	150.5	148.7	147.0	145.0
35,0°	133.5	133.0	132.6	132.3	132.1	131.9	131.7	159.5	158.1	156.8	154.7	152.5	150.7	148.8	146.6
37,5°	134.1	134.6	135.3	135.8	135.6	135.3	135.3	164.1	162.4	160.4	157.6	155.1	152.7	150.7	148.2
40,0°	141.5	143.4	145.4	147.7	148.3	148.1	148.2	165.1	164.0	162.6	160.2	157.7	155.5	153.2	150.2
42,5°	156.6	158.9	161.5	164.4	166.1	166.3	166.6	167.6	166.7	164.7	162.6	160.7	158.1	155.4	152.1
45,0°	175.6	177.6	179.9	182.7	184.9	185.8	186.2	171.1	169.4	167.5	165.8	163.4	161.1	158.2	154.7
47,5°	193.8	193.5	193.6	194.5	196.0	196.2	196.3	180.0	178.3	175.0	171.8	168.7	165.6	162.4	158.6
50,0°	204.0	200.6	199.2	198.4	196.3	193.5	192.8	212.1	205.3	200.3	195.6	190.4	185.6	180.4	173.7
52,5°	197.6	189.8	183.6	178.6	174.9	172.1	170.8	243.5	242.7	237.2	226.1	212.7	202.8	194.8	186.6
55,0°	177.1	164.9	154.2	146.9	142.0	137.7	136.4	306.3	307.5	309.4	296.7	269.6	235.8	209.4	194.7
57,5°	176.5	166.2	159.0	155.0	152.9	149.8	148.6	362.1	379.4	390.6	382.5	352.8	300.9	249.5	216.4
60,0°	167.1	158.5	152.4	147.8	145.2	141.9	140.3	421.2	444.2	465.8	465.4	432.2	370.1	303.7	255.1
62,5°	107.3	100.2	95.5	91.5	89.0	86.4	85.0	467.6	500.7	531.6	543.3	518.0	456.8	379.0	305.5
65,0°	64.9	61.8	59.7	58.1	57.6	55.5	54.5	498.8	534.5	570.4	594.8	578.8	528.7	445.1	355.5
67,5°	53.4	51.7	50.7	49.7	48.7	47.1	47.2	511.9	544.5	577.9	603.6	591.4	551.6	488.4	410.8
70,0°	43.2	41.3	40.3	39.7	39.7	39.7	39.6	483.2	514.9	547.5	567.8	560.5	538.9	500.0	449.0
72,5°	25.2	23.6	23.4	23.5	30.6	32.6	28.2	418.6	437.7	467.2	483.2	493.6	490.6	479.8	460.1
75,0°	19.3	18.6	18.2	18.1	30.1	24.0	20.9	317.6	333.1	354.8	376.5	394.0	408.6	419.8	423.9
77,5°	13.9	13.6	13.2	13.1	14.9	14.6	14.3	205.9	210.9	224.6	243.3	263.8	286.8	308.4	326.0
80,0°	9.3	8.9	8.7	8.6	8.8	8.9	9.2	74.8	83.6	95.3	110.3	128.9	151.2	174.9	196.6
82,5°	5.5	5.2	5.0	4.9	4.9	5.3	5.5	17.3	18.5	21.3	25.4	31.0	39.7	52.1	68.0
85,0°	2.4	2.4	2.4	2.3	2.4	2.3	2.3	3.8	4.0	4.0	3.9	3.9	3.8	3.8	3.8
87,5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	142.0	141.9	141.9	141.9	141.8	141.8	141.9	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.7
5,0°	141.2	140.9	140.9	140.9	140.8	140.7	140.6	140.4	140.3	140.2	140.1	140.1	140.0	139.8	139.9
7,5°	140.4	140.1	140.0	139.7	139.6	139.3	139.2	139.0	138.8	138.7	138.5	138.4	138.3	138.1	137.9
10,0°	139.9	139.6	139.2	139.0	138.8	138.4	138.1	137.7	137.2	136.9	136.4	136.0	135.7	135.3	134.9
12,5°	139.6	139.3	139.0	138.7	138.1	137.6	137.1	136.4	135.9	135.4	134.9	134.4	133.8	133.2	132.8
15,0°	140.2	139.6	138.8	138.0	137.3	136.6	135.9	135.1	134.3	133.6	132.8	131.9	131.1	130.4	129.8
17,5°	139.7	138.5	137.5	136.4	135.4	134.6	133.9	133.2	132.3	131.4	130.6	129.8	129.0	128.3	127.5
20,0°	139.1	137.8	136.6	135.4	134.4	133.3	132.3	131.4	130.4	129.4	128.5	127.6	126.8	125.9	125.3
22,5°	139.3	137.8	136.4	135.2	133.8	132.4	131.1	129.8	128.5	127.4	126.3	125.4	124.4	123.6	123.0
25,0°	140.1	138.4	136.7	134.9	133.2	131.5	129.9	128.5	126.9	125.5	124.5	123.3	122.4	121.4	120.6
27,5°	141.3	139.2	137.1	134.9	132.8	131.0	129.1	127.2	125.6	124.0	122.8	121.6	120.3	119.1	118.2
30,0°	142.2	140.0	137.6	135.3	132.9	130.7	128.7	126.7	124.8	122.9	121.3	119.9	118.3	116.9	115.6
32,5°	142.9	140.5	138.3	135.8	133.2	130.8	128.5	126.2	123.9	121.9	119.9	118.2	116.5	114.8	113.1
35,0°	144.0	141.3	138.6	135.9	133.3	131.0	128.2	125.6	122.9	120.5	118.2	116.0	114.1	112.2	110.5
37,5°	145.2	142.2	139.2	136.3	133.5	130.3	127.4	124.7	121.8	118.7	116.0	113.6	111.4	109.5	107.9
40,0°	146.9	143.5	140.1	136.9	133.5	129.9	126.4	123.1	120.3	117.3	114.2	111.2	108.6	106.5	104.9
42,5°	148.3	144.3	140.5	137.2	133.5	129.6	125.7	122.1	118.7	115.6	112.2	109.2	106.0	103.3	101.0
45,0°	150.4	146.1	141.8	137.8	134.0	130.3	126.3	122.5	118.4	114.9	111.1	107.4	103.6	99.7	96.4
47,5°	154.1	149.6	145.6	141.5	137.5	132.9	128.8	124.5	120.0	115.9	112.0	107.6	103.4	99.2	94.9
50,0°	166.8	160.9	155.2	149.5	143.5	137.9	131.6	126.4	122.1	117.8	113.2	108.3	104.2	100.6	97.6
52,5°	179.8	174.5	170.1	164.1	156.2	147.8	139.1	130.8	123.7	117.4	111.7	105.9	101.2	98.0	96.6
55,0°	185.2	177.8	170.1	162.7	154.9	147.7	140.2	134.0	127.2	119.1	111.1	103.6	97.7	94.2	93.3
57,5°	199.9	189.5	178.3	167.1	155.5	144.5	134.5	125.1	116.9	109.6	103.4	97.8	92.4	89.1	88.8
60,0°	220.3	197.3	182.2	170.4	157.7	146.8	134.4	121.2	108.5	98.4	90.5	84.7	81.8	81.5	82.9
62,5°	252.5	213.6	190.4	175.7	159.1	144.8	128.9	112.2	98.3	87.7	81.0	76.8	75.3	76.6	78.9
65,0°	290.5	245.2	206.5	177.3	153.7	132.3	113.9	98.3	86.6	78.9	74.8	72.4	71.4	72.1	74.4
67,5°	339.6	279.5	227.5	177.0	142.6	117.7	98.8	85.5	76.4	71.1	68.2	66.4	65.4	65.9	67.6
70,0°	393.3	334.0	256.5	185.8	133.6	105.7	86.3	74.3	67.3	63.1	60.3	58.7	58.0	57.8	59.4
72,5°	430.2	379.5	299.1	206.5	133.5	92.5	71.9	61.6	56.0	52.6	50.3	48.5	47.7	47.8	49.6
75,0°	415.5	386.9	326.1	231.4	141.2	86.0	60.7	50.0	44.1	40.5	38.4	37.2	37.1	37.4	38.3
77,5°	334.1	328.0	299.2	241.7	154.5	82.0	48.4	36.8	31.1	28.1	26.7	25.5	25.2	25.7	26.4
80,0°	211.1	214.2	200.9	168.0	117.3	62.4	29.3	20.8	17.4	15.4	14.2	13.9	13.9	14.3	13.9
82,5°	78.3	80.0	78.5	71.8	58.2	35.0	15.2	8.8	7.4	6.4	5.7	5.3	5.4	5.7	5.6
85,0°	3.8	3.8	4.0	4.1	4.3	4.2	3.4	2.7	2.4	2.3	2.1	2.0	1.9	1.8	1.7
87,5°	1.9	1.8	1.8	1.6	1.6	1.5	1.5	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	0.2	0.2
2,5°	141.8	141.8	141.8	141.8	141.8	141.9	141.8	141.8	141.8	141.8	141.8	141.9	141.9	1.7	1.9
5,0°	139.8	139.7	139.8	139.7	139.7	139.6	139.6	139.7	139.6	139.6	139.7	139.7	139.6	3.4	5.3
7,5°	137.7	137.5	137.4	137.2	137.1	137.0	136.8	136.7	136.7	136.6	136.6	136.6	136.6	5.1	10.4
10,0°	134.7	134.5	134.1	133.9	133.6	133.5	133.3	133.2	133.2	133.2	133.1	133.1	133.2	6.7	17.1
12,5°	132.3	131.9	131.5	131.1	130.8	130.5	130.2	130.0	129.9	129.8	129.8	129.7	129.8	8.3	25.5
15,0°	129.2	128.7	128.1	127.7	127.4	127.2	127.0	126.9	127.0	127.0	127.1	127.2	127.2	9.9	35.3
17,5°	126.8	126.2	125.5	125.1	124.6	124.3	124.2	124.0	124.0	123.9	124.0	123.9	123.9	11.4	46.7
20,0°	124.7	124.2	123.5	122.9	122.3	121.8	121.4	121.1	120.9	120.8	120.8	120.8	120.8	12.9	59.6
22,5°	122.4	121.8	121.2	120.6	119.8	119.1	118.5	118.1	117.8	117.6	117.6	117.5	117.4	14.4	74.0
25,0°	119.7	119.1	118.3	117.7	116.9	116.1	115.6	115.1	114.5	114.3	114.2	114.1	114.2	15.9	89.9
27,5°	117.0	116.1	115.3	114.7	113.9	113.2	112.5	111.8	111.1	110.6	110.3	110.1	110.1	17.3	107.2
30,0°	114.3	113.3	112.4	111.5	110.7	110.0	109.2	108.5	107.8	107.0	106.6	106.5	106.4	18.6	125.8
32,5°	111.8	110.6	109.5	108.5	107.6	106.7	105.9	105.2	104.4	103.6	103.1	102.7	102.7	20.0	145.8
35,0°	109.1	107.8	106.6	105.6	104.4	103.3	102.3	101.5	100.6	99.6	98.8	98.2	98.1	21.4	167.2
37,5°	106.5	105.1	103.7	102.4	101.0	99.3	98.0	96.9	95.9	94.8	93.8	93.0	92.8	22.8	190.0
40,0°	103.2	101.4	99.7	98.0	96.0	93.8	92.0	90.9	89.8	88.6	87.6	86.9	86.8	24.7	214.6
42,5°	98.6	96.1	93.4	90.9	88.6	86.1	84.7	83.9	82.1	80.4	79.4	78.7	78.7	26.6	241.3
45,0°	92.8	89.4	86.2	83.0	80.4	77.9	76.4	75.7	74.4	73.1	72.5	71.9	71.7	28.4	269.7
47,5°	90.8	87.5	84.4	82.0	80.0	78.3	77.1	77.0	76.7	76.5	76.6	76.5	76.4	31.1	300.7
50,0°	95.5	94.6	94.8	96.3	98.8	101.6	104.9	109.2	112.6	115.5	117.9	119.1	119.4	35.8	336.5
52,5°	97.6	100.0	104.4	110.6	118.5	126.5	134.5	142.9	149.7	155.3	159.0	161.2	161.7	41.6	378.2
55,0°	96.1	101.2	108.2	117.3	128.1	139.3	149.5	159.6	168.4	174.7	179.0	181.7	182.0	50.3	428.5
57,5°	92.0	97.7	105.7	115.2	125.6	137.4	147.7	156.0	164.1	168.5	171.3	173.0	173.5	62.1	490.5
60,0°	86.4	92.0	99.3	107.9	116.7	125.7	134.1	140.1	144.4	147.1	148.2	148.8	148.9	73.7	564.2
62,5°	82.3	86.6	92.5	98.5	103.8	108.3	112.0	113.8	113.3	112.8	111.5	109.6	109.0	81.0	645.2
65,0°	77.0	80.1	84.5	88.9	92.5	94.7	96.5	96.0	94.6	92.1	89.7	87.9	86.8	81.9	727.1
67,5°	71.0	74.2	78.2	81.7	83.6	84.2	84.2	82.0	79.9	77.4	74.4	72.9	71.2	75.6	802.6
70,0°	62.4	65.9	69.3	72.3	71.9	69.4	67.1	62.8	60.2	56.1	54.8	52.6	50.9	64.8	867.5
72,5°	51.7	55.1	56.3	57.8	55.6	52.7	49.5	43.5	40.9	37.7	40.4	36.4	33.9	51.4	918.8
75,0°	40.3	40.8	40.7	39.5	38.9	34.0	24.1	14.9	12.9	12.3	18.1	12.0	11.0	38.4	957.2
77,5°	26.4	26.6	26.8	23.3	15.7	8.2	7.0	6.6	6.4	5.6	5.3	4.7	4.7	25.3	982.6
80,0°	14.0	13.2	11.4	6.5	4.5	4.0	3.4	3.2	3.0	2.4	1.9	1.7	1.8	12.1	994.7
82,5°	5.4	4.7	3.5	2.7	2.4	2.1	1.9	1.7	1.5	1.2	1.1	1.1	1.0	4.2	998.8
85,0°	1.5	1.5	1.4	1.2	1.2	1.1	1.0	0.9	0.9	0.7	0.7	0.7	0.6	0.8	999.6
87,5°	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.4	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 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
--	--	-----------------------------

Dimming levels table	environmental temperature: 25°C	siteco
-----------------------------	---------------------------------	---------------

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	19170	146.7	161.2	154.0
95	241	252	18189	135.9	149.3	142.6
90	229	250	17283	126.6	138.9	132.8
85	216	248	16302	117.1	128.4	122.8
80	203	246	15321	107.9	118.3	113.1
75	190	243	14340	99.3	108.6	104.0
70	178	241	13434	91.5	100.1	95.8
65	165	238	12453	83.4	91.3	87.4
60	152	235	11472	75.7	82.7	79.2
55	140	232	10566	68.9	75.2	72.1
50	127	229	9585	61.7	67.3	64.5
45	114	225	8604	54.7	59.6	57.2
40	102	221	7698	48.3	52.8	50.6
35	89	216	6717	41.7	45.4	43.6
30	76	210	5736	35.3	38.5	36.9
25	63	203	4755	29.2	31.7	30.4
20	51	195	3849	23.8	25.8	24.8
15	38	184	2868	18.1	19.5	18.8
11	27	172	2038	13.3	14.3	13.8

Dimming levels table	environmental temperature: 5°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	19170	141.2	147.7	144.4
95	241	252	18189	131.5	137.4	134.4
90	229	250	17283	123.1	128.5	125.8
85	216	248	16302	114.1	119.2	116.6
80	203	246	15321	105.6	110.2	107.9
75	190	243	14340	97.3	101.6	99.4
70	178	241	13434	90.1	94.0	92.0
65	165	238	12453	82.4	85.9	84.2
60	152	235	11472	74.9	78.1	76.5
55	140	232	10566	68.2	71.2	69.7
50	127	229	9585	61.2	63.8	62.5
45	114	225	8604	54.4	56.7	55.6
40	102	221	7698	48.1	50.3	49.2
35	89	216	6717	41.6	43.4	42.5
30	76	210	5736	35.3	36.8	36.0
25	63	203	4755	29.3	30.4	29.8
20	51	195	3849	23.9	24.7	24.3
15	38	184	2868	18.2	18.8	18.5
11	27	172	2038	13.4	13.9	13.6

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
--	--	-----------------------------

Dimming levels table	environmental temperature: 15°C	siteco
-----------------------------	---------------------------------	---------------

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	19170	143.5	152.2	147.8
95	241	252	18189	133.4	141.3	137.4
90	229	250	17283	124.6	131.9	128.2
85	216	248	16302	115.4	122.2	118.8
80	203	246	15321	106.6	112.7	109.6
75	190	243	14340	98.2	103.8	101.0
70	178	241	13434	90.7	95.8	93.2
65	165	238	12453	82.8	87.5	85.2
60	152	235	11472	75.2	79.5	77.4
55	140	232	10566	68.5	72.3	70.4
50	127	229	9585	61.4	64.8	63.1
45	114	225	8604	54.5	57.5	56.0
40	102	221	7698	48.2	50.9	49.6
35	89	216	6717	41.6	43.9	42.8
30	76	210	5736	35.3	37.2	36.2
25	63	203	4755	29.1	30.7	29.9
20	51	195	3849	23.8	24.9	24.4
15	38	184	2868	18.1	18.9	18.5
11	27	172	2038	13.4	14.0	13.7

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3P31G08MB EAN: 4058352729939	LP number 59337_7
--	--	-----------------------------

Luminousfluxs table **sITeco**

Temperature °C	Luminous flux lm	Power consumption W
25.0	19170.0	146.7
5.0	19170.0	141.2
15.0	19170.0	143.5