



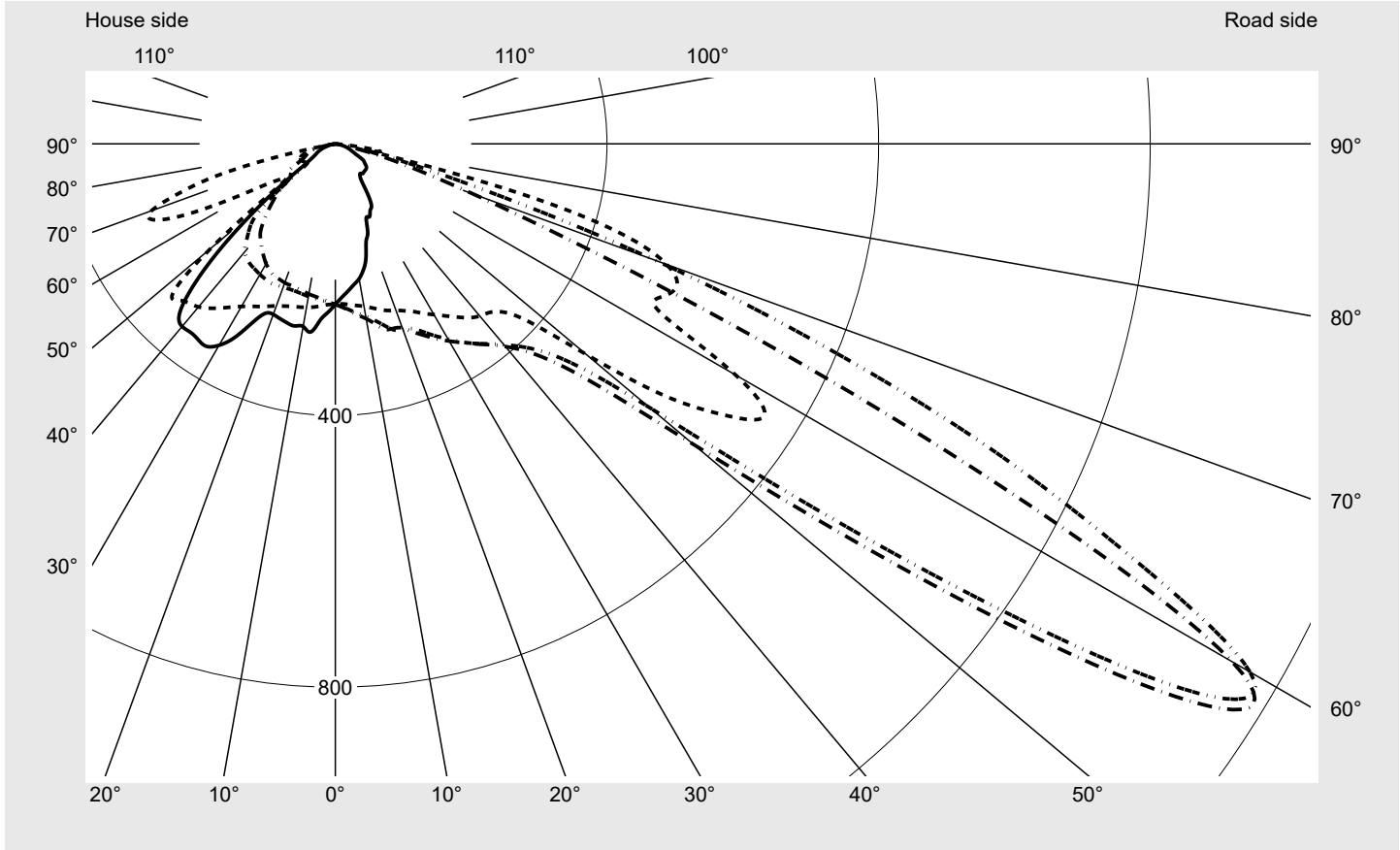
Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
	Version post-top or side-entry mounting Optic pedestrian crossing, asymmetric left distribution (PC-L) Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG DIM Rated values Net luminous flux = 19200 lm Power consumption = 147.0 W Luminous efficacy = 130.6 lm/W	serial documentation 07.02.2024





Luminous intensity in cd/klm C180-0 C270-90 C290-110 C295-115 **Imax: 1555 cd/klm**



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Luminous intensity class acc. to EN13201-2

Class:	G3
Imax 70°	818.0
Imax 80°	67.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

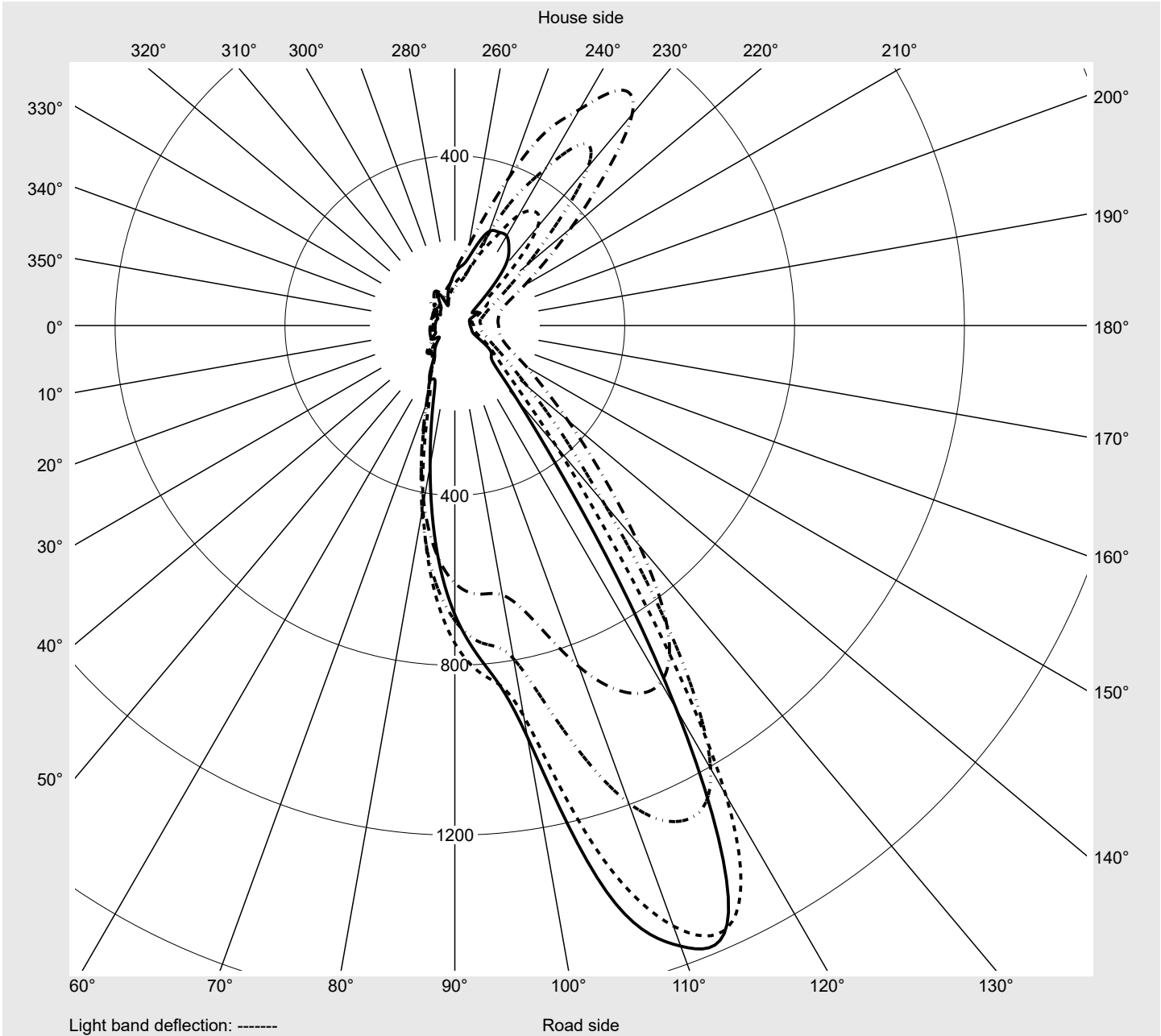
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

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Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



Photometric test report

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Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
γ	Luminous intensity in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	225.9	227.1	227.1	227.5	227.7	227.7	228.1	228.3	228.7	229.7	230.5	231.3	232.3	233.1
5,0°	217.3	216.7	216.9	217.3	217.9	218.5	219.3	220.3	221.3	222.7	224.3	225.9	227.7	229.5
7,5°	209.1	208.9	209.3	209.9	210.9	212.1	213.3	214.5	215.7	217.5	219.5	221.9	224.5	227.5
10,0°	201.7	201.1	201.5	202.5	203.3	203.9	205.5	207.7	210.5	213.1	215.5	217.9	220.9	224.7
12,5°	190.3	190.9	191.9	193.1	195.3	196.9	199.1	202.3	204.7	207.1	211.1	215.1	219.1	223.5
15,0°	174.1	173.3	175.1	177.9	181.7	185.1	188.7	192.5	196.7	201.9	206.9	211.9	218.1	223.3
17,5°	150.7	152.7	154.1	156.7	160.7	166.1	172.5	179.9	186.9	194.1	201.7	209.7	216.9	224.5
20,0°	139.5	139.1	140.7	143.1	146.3	150.3	155.5	163.3	173.7	184.5	194.5	204.7	215.3	224.3
22,5°	118.7	120.3	121.9	125.7	131.5	137.7	143.7	150.9	159.5	171.7	185.7	197.9	211.1	222.7
25,0°	118.5	118.7	118.5	117.9	117.7	120.5	129.5	139.3	148.7	158.7	173.7	190.1	205.3	221.3
27,5°	111.0	112.6	113.9	116.1	118.5	118.3	117.7	123.7	137.5	148.7	161.9	180.3	199.7	218.7
30,0°	106.6	107.0	108.0	108.4	111.0	115.3	118.9	117.3	122.7	138.1	152.7	169.5	191.7	213.5
32,5°	90.8	96.4	101.2	104.8	106.8	108.4	113.6	118.3	117.7	125.5	142.5	159.1	181.9	207.5
35,0°	68.6	71.0	78.4	89.4	101.6	105.8	106.6	112.6	118.9	118.5	130.7	147.5	169.5	198.5
37,5°	59.8	62.4	67.0	74.0	85.8	101.6	106.0	106.6	114.1	118.9	121.5	136.7	158.9	189.5
40,0°	57.0	59.4	63.6	68.8	75.2	86.4	104.8	106.6	108.4	116.7	117.7	128.3	147.1	178.1
42,5°	59.4	61.6	65.0	69.0	73.4	79.0	93.2	109.6	107.4	110.4	116.1	121.7	135.5	165.3
45,0°	59.0	61.0	64.0	68.0	72.8	77.4	83.2	103.0	109.2	106.2	112.0	115.3	121.9	149.3
47,5°	58.8	60.2	62.4	65.0	68.6	73.0	77.4	86.2	107.6	103.6	105.4	109.0	112.0	136.9
50,0°	58.6	59.8	61.2	62.6	64.6	67.2	69.8	73.2	97.2	99.0	96.6	100.4	106.0	130.1
52,5°	57.8	58.8	59.8	60.6	61.8	62.8	64.4	65.4	80.8	91.6	87.0	91.6	102.0	136.1
55,0°	54.8	55.4	56.8	58.2	59.4	59.6	61.8	59.2	66.6	84.0	79.2	84.8	98.6	139.9
57,5°	50.8	51.4	52.6	53.8	55.8	58.4	63.0	53.2	57.2	74.2	76.6	82.6	101.2	140.7
60,0°	46.6	46.4	47.2	47.8	48.2	54.0	64.4	47.6	50.2	61.8	73.0	83.6	108.4	138.7
62,5°	36.0	37.8	38.6	39.6	40.4	48.6	58.0	43.0	45.2	52.8	64.4	84.4	111.8	125.5
65,0°	29.8	30.6	32.0	33.8	35.6	43.6	49.2	39.0	41.2	46.2	56.0	83.4	105.2	109.4
67,5°	25.0	26.6	27.8	29.4	33.0	40.0	40.4	34.6	36.8	39.4	48.8	75.8	87.4	83.2
70,0°	21.8	22.4	23.4	25.2	29.2	35.4	32.8	30.4	30.8	32.2	41.0	61.8	68.0	57.2
72,5°	17.6	18.6	19.2	21.0	25.2	29.8	26.6	24.6	24.8	26.4	33.4	48.6	55.2	41.6
75,0°	14.4	14.6	15.0	16.6	20.4	24.0	20.8	18.8	19.4	20.4	24.8	37.0	42.6	30.8
77,5°	9.8	10.8	11.0	12.6	16.2	17.8	14.6	13.8	13.8	14.4	16.4	23.4	24.8	23.4
80,0°	7.0	7.2	7.2	8.2	11.2	11.0	9.2	8.8	7.8	8.2	9.2	10.2	12.2	15.2
82,5°	4.0	4.4	4.4	4.4	5.2	6.4	4.8	4.2	4.2	4.4	4.8	5.4	6.2	7.8
85,0°	1.2	1.2	1.4	1.6	2.0	1.6	1.6	1.8	1.8	2.0	2.2	2.2	2.6	3.0
87,5°	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.8	0.8	1.0	1.0	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

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
γ	Luminous intensity in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	233.7	234.5	234.9	235.3	235.9	237.3	238.3	239.1	240.3	240.9	241.5	242.1	242.7	243.3
5,0°	231.5	233.5	234.9	236.1	237.7	240.1	242.1	244.3	245.7	246.9	248.1	249.1	250.5	251.7
7,5°	230.3	232.9	235.3	237.5	240.1	243.5	246.7	249.3	251.9	254.1	256.5	258.7	260.7	263.5
10,0°	228.7	232.7	236.1	239.3	242.9	247.3	250.9	254.3	257.9	261.5	265.7	269.7	273.9	277.3
12,5°	228.3	233.5	238.3	242.5	247.3	252.3	256.7	260.9	266.1	271.7	277.3	280.1	276.7	272.7
15,0°	229.1	235.3	241.5	246.9	252.5	257.9	263.3	269.3	276.5	282.7	281.9	276.3	275.5	276.5
17,5°	231.1	237.7	244.5	251.3	257.3	263.3	270.3	279.1	287.3	284.9	281.9	283.5	283.3	281.9
20,0°	232.1	239.3	246.9	254.7	260.9	268.1	277.7	288.5	291.1	288.5	292.1	292.3	289.9	286.3
22,5°	233.1	241.3	249.7	258.3	266.1	274.9	287.9	296.1	294.5	299.7	302.1	300.1	295.1	289.1
25,0°	233.9	244.1	253.3	263.1	272.5	284.5	298.9	301.1	305.3	311.5	312.1	307.7	299.3	290.9
27,5°	234.3	246.7	257.5	268.9	281.5	296.1	308.1	310.3	318.9	323.7	322.7	315.3	304.5	294.7
30,0°	233.1	248.5	261.5	275.1	290.3	307.5	315.1	322.7	331.9	335.3	332.3	322.5	311.3	302.5
32,5°	231.9	250.3	266.7	282.5	300.3	318.1	323.3	335.9	345.8	347.0	341.4	331.7	323.9	317.9
35,0°	227.7	251.1	271.1	290.7	311.3	326.9	334.1	349.0	358.8	359.6	352.8	343.4	340.6	350.0
37,5°	223.5	251.5	275.7	299.7	322.7	336.1	347.4	363.2	371.2	372.8	366.4	360.2	370.8	398.2
40,0°	216.3	248.9	277.7	305.9	330.9	345.8	362.0	378.4	386.2	389.6	386.8	393.0	424.0	456.6
42,5°	204.3	242.3	277.9	310.5	336.7	354.8	375.4	395.2	405.0	413.6	421.8	448.0	492.6	519.0
45,0°	189.1	236.3	282.5	322.3	350.4	370.0	389.6	412.8	432.8	453.8	482.8	532.2	573.9	579.9
47,5°	180.5	241.9	305.7	356.0	388.8	406.0	420.2	444.6	484.6	531.2	583.9	637.5	650.1	612.3
50,0°	183.7	269.9	361.2	435.4	482.4	498.2	500.8	529.8	604.1	688.3	748.7	767.3	703.7	586.5
52,5°	195.3	300.3	421.6	531.2	606.5	634.9	644.3	719.3	854.8	953.0	970.4	874.0	675.5	482.4
55,0°	190.5	296.9	443.6	588.5	694.5	750.9	796.8	984.4	1196.3	1285.0	1204.9	889.0	547.8	349.2
57,5°	171.3	269.9	431.4	606.9	747.9	829.2	933.4	1269.4	1504.9	1547.3	1276.0	724.9	374.6	211.7
60,0°	136.9	202.3	335.1	516.0	680.5	801.2	984.0	1380.4	1555.3	1524.9	1043.9	484.8	230.9	134.5
62,5°	101.2	138.5	239.9	403.6	541.4	663.1	899.8	1252.8	1328.0	1153.3	657.9	260.7	115.1	99.2
65,0°	84.0	106.6	192.3	383.6	531.8	647.7	904.0	1121.9	1069.7	717.7	354.2	157.7	83.4	59.8
67,5°	64.0	71.2	124.7	339.4	544.6	692.3	944.4	1006.8	779.7	391.6	187.7	113.8	64.6	44.8
70,0°	46.0	49.6	70.2	258.5	519.2	668.3	818.0	771.1	501.4	216.5	123.7	83.6	48.0	38.2
72,5°	34.6	36.0	43.6	182.5	444.0	509.2	511.8	440.0	250.7	122.7	80.8	49.4	37.4	38.0
75,0°	25.6	22.4	27.2	108.2	278.7	295.9	230.9	196.7	117.7	68.8	45.8	24.8	29.0	29.8
77,5°	19.0	19.0	19.6	38.0	65.6	75.6	68.2	55.4	40.2	27.4	19.2	16.4	19.8	21.8
80,0°	12.4	17.6	16.6	33.0	65.6	67.6	44.8	24.2	19.4	15.2	11.8	10.6	10.6	14.4
82,5°	7.0	9.4	11.0	20.0	40.6	44.8	29.0	14.6	10.4	8.6	7.2	6.4	5.8	6.2
85,0°	3.6	4.2	4.6	5.6	6.8	8.2	8.6	7.0	4.8	4.0	3.4	3.0	2.8	2.4
87,5°	1.2	1.4	1.4	1.6	1.6	1.6	1.6	1.6	1.4	1.4	1.2	1.2	1.0	1.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
Table of values for luminous intensities		Maximum luminous intensity

C-planes	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
γ	Luminous intensity in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	243.9	244.5	245.1	245.7	246.3	246.7	247.7	248.1	248.3	248.9	248.9	248.5	248.1	247.5
5,0°	252.9	254.1	255.5	256.5	257.7	258.7	259.9	260.9	261.3	262.1	261.9	261.1	260.3	259.3
7,5°	266.1	268.5	270.9	272.9	274.7	275.9	277.5	278.9	279.5	280.1	280.3	279.1	278.3	276.5
10,0°	278.1	276.5	273.9	271.9	270.9	270.7	271.1	272.3	273.1	273.7	274.3	274.3	275.1	276.3
12,5°	271.9	272.3	272.5	272.5	272.7	272.5	272.9	274.1	274.7	275.3	275.9	276.1	277.1	278.1
15,0°	276.3	275.5	274.7	273.5	272.9	271.9	271.7	272.5	273.1	273.3	274.1	274.9	276.5	277.9
17,5°	279.5	277.1	274.9	272.7	271.3	269.7	269.1	269.7	270.1	270.3	271.3	272.7	274.9	277.3
20,0°	281.9	277.9	274.5	271.7	269.3	267.5	266.5	266.9	267.3	267.3	268.1	269.7	271.7	274.5
22,5°	283.1	277.9	273.7	270.5	269.1	268.3	268.5	269.9	270.3	270.1	270.3	270.1	270.7	271.9
25,0°	283.9	278.9	275.7	275.5	277.7	281.9	286.1	289.9	291.5	290.3	287.7	283.3	278.9	276.1
27,5°	287.9	285.7	288.3	296.3	305.9	313.5	318.3	321.1	321.7	320.1	317.7	312.1	303.9	293.7
30,0°	299.3	305.5	318.7	330.3	337.7	341.8	342.6	342.4	342.4	341.2	340.8	339.1	334.3	324.9
32,5°	326.1	343.0	357.2	364.8	365.8	362.4	358.2	354.6	353.4	354.0	356.8	360.6	362.4	358.6
35,0°	370.6	388.0	396.6	392.8	379.6	366.6	357.6	353.0	352.0	353.8	359.4	368.2	378.8	388.6
37,5°	420.8	431.4	422.4	401.0	378.8	364.0	355.2	351.2	350.0	352.6	358.8	368.8	383.0	402.2
40,0°	472.2	462.8	437.0	410.0	386.2	368.4	358.0	352.6	351.0	354.0	362.6	374.4	391.0	413.6
42,5°	515.2	489.2	458.4	425.0	395.2	370.6	353.4	343.2	339.8	344.0	356.4	374.2	398.8	428.0
45,0°	548.6	509.2	460.0	408.2	364.4	332.3	312.1	300.3	296.5	300.5	314.3	334.9	365.4	408.4
47,5°	550.4	474.8	401.0	339.3	295.5	264.9	245.7	235.5	231.9	234.3	244.9	265.1	295.7	341.0
50,0°	483.4	376.4	301.7	246.7	207.3	183.1	169.5	163.3	161.1	161.5	166.9	178.9	201.5	240.3
52,5°	347.2	255.9	195.7	152.5	127.3	114.1	107.0	104.2	103.0	102.0	104.2	109.0	120.1	144.1
55,0°	224.3	158.5	119.5	94.8	80.4	70.0	63.6	62.4	62.2	60.4	60.2	64.6	73.6	86.2
57,5°	143.9	111.4	88.0	68.8	56.0	48.8	45.8	45.2	44.6	42.8	41.8	42.0	47.8	61.0
60,0°	112.2	101.8	72.6	51.8	44.2	41.2	39.4	37.4	36.4	35.4	35.8	35.6	36.8	44.0
62,5°	92.2	85.6	59.2	37.0	35.8	35.6	35.0	33.0	31.8	31.0	31.4	29.8	29.8	30.4
65,0°	65.4	62.8	47.2	33.0	32.8	33.0	31.6	29.8	28.4	28.0	28.4	28.4	26.8	27.0
67,5°	40.6	46.4	40.6	31.4	31.0	29.8	28.0	26.2	24.6	24.6	25.0	26.0	25.6	25.0
70,0°	35.8	36.6	32.8	26.8	26.0	24.8	23.6	21.8	20.4	20.6	21.0	21.2	21.4	21.6
72,5°	28.2	26.8	25.2	21.4	20.2	18.6	17.6	16.8	15.6	15.4	15.4	15.8	16.4	17.4
75,0°	21.6	19.8	19.0	16.2	14.8	13.4	12.6	12.4	11.6	11.2	10.8	11.2	12.0	13.0
77,5°	16.8	13.8	13.8	12.0	10.4	9.8	9.4	9.6	8.8	8.4	8.2	8.0	8.2	8.6
80,0°	13.2	10.6	8.8	8.0	6.8	6.4	6.2	6.2	5.2	5.2	5.2	5.0	5.0	5.4
82,5°	7.4	6.2	5.2	4.4	4.4	3.6	3.4	3.2	2.6	2.6	2.6	2.8	3.0	3.2
85,0°	2.2	2.6	2.0	1.8	1.6	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.2	1.2
87,5°	1.0	0.8	0.8	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
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

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
γ	Luminous intensity in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	246.9	246.3	245.5	244.5	243.5	242.7	241.5	240.5	239.9	239.1	238.3	237.7	236.9	236.1
5,0°	258.3	257.3	255.9	254.3	252.5	250.7	249.1	247.3	246.3	244.3	242.5	240.9	239.5	237.9
7,5°	274.7	272.1	270.3	267.3	263.9	261.3	258.5	255.3	252.9	250.3	247.3	244.5	242.3	240.1
10,0°	278.7	282.1	284.5	282.9	278.3	273.5	268.5	263.5	259.7	255.5	251.5	247.9	244.5	241.3
12,5°	278.7	278.9	278.1	278.1	281.5	284.3	279.5	272.5	266.3	260.9	255.5	250.7	246.1	242.3
15,0°	279.7	280.9	281.7	280.9	279.1	277.1	281.7	281.9	273.5	266.3	259.5	253.1	247.7	243.1
17,5°	279.7	282.1	283.7	284.5	284.7	283.1	279.1	280.9	283.3	273.5	265.1	257.1	250.5	245.3
20,0°	277.9	281.3	284.7	287.3	289.3	289.9	287.7	282.5	283.9	283.5	271.5	261.7	253.9	247.7
22,5°	275.3	279.1	283.3	288.3	293.1	296.5	297.5	293.7	287.1	290.7	281.1	268.9	258.9	251.3
25,0°	275.3	277.7	282.1	288.3	295.5	302.5	306.3	306.1	298.3	293.1	293.7	277.1	264.3	255.3
27,5°	285.1	281.7	284.3	290.5	298.5	307.7	314.9	317.3	310.7	301.3	299.5	285.1	269.7	258.5
30,0°	311.5	297.9	291.7	295.3	303.5	313.1	322.5	326.3	322.3	311.5	302.3	295.1	276.5	262.5
32,5°	347.8	331.1	313.7	305.9	309.7	319.7	330.1	335.5	333.5	322.7	309.3	304.7	285.1	267.5
35,0°	387.4	374.4	353.8	331.7	322.9	329.1	340.6	346.6	345.0	333.9	319.7	311.5	295.1	273.9
37,5°	418.8	420.4	402.4	373.6	347.6	343.8	353.4	359.4	356.2	345.4	331.3	318.5	305.1	280.5
40,0°	438.6	459.0	457.4	431.4	392.0	368.4	371.2	374.4	370.4	361.6	347.2	329.9	313.5	286.7
42,5°	459.6	489.8	509.8	499.4	460.0	414.4	397.8	395.0	390.8	381.0	361.0	338.9	318.3	291.3
45,0°	458.2	506.2	549.2	569.1	547.2	492.8	447.8	430.4	418.6	399.4	372.6	348.8	325.9	297.7
47,5°	401.8	474.6	549.0	609.9	627.9	590.7	528.8	488.6	449.8	416.0	382.0	353.2	323.7	292.5
50,0°	299.7	379.6	481.2	596.9	683.7	681.1	615.3	556.6	467.4	388.2	325.9	279.3	239.3	207.5
52,5°	188.9	255.9	356.8	495.2	649.5	676.7	588.1	500.4	368.6	261.7	191.9	154.1	124.1	103.2
55,0°	110.8	150.3	222.3	339.4	488.6	522.0	426.6	330.9	225.9	146.7	112.2	100.4	87.8	75.2
57,5°	78.4	94.0	103.6	194.3	303.3	327.9	299.9	232.7	185.5	141.1	118.7	110.8	98.4	83.8
60,0°	62.4	52.2	61.6	112.2	185.5	222.1	243.9	243.1	235.9	193.7	153.5	138.5	124.1	103.6
62,5°	39.0	38.0	49.4	83.2	119.1	157.3	201.1	288.9	333.3	299.3	235.3	204.5	183.5	147.3
65,0°	28.4	31.4	42.2	76.0	97.2	115.5	149.5	296.7	419.8	428.0	352.4	292.9	251.9	193.5
67,5°	26.0	26.8	35.6	65.2	78.6	89.6	98.8	229.7	426.4	504.4	448.0	359.6	291.5	207.9
70,0°	22.0	23.8	30.0	43.4	60.0	69.4	71.2	147.3	352.0	477.6	471.6	374.0	288.1	189.5
72,5°	17.8	18.6	22.8	27.2	38.2	51.4	53.0	89.8	228.3	349.0	379.8	309.1	240.5	147.9
75,0°	13.8	14.2	16.4	19.8	20.6	24.2	36.2	54.8	128.1	204.9	236.3	213.7	178.7	104.4
77,5°	10.4	10.6	12.2	13.4	14.4	15.8	19.8	30.4	58.4	94.0	107.2	97.2	84.0	49.0
80,0°	7.2	8.0	9.4	8.6	8.8	9.2	11.4	15.6	22.4	29.4	24.2	15.8	12.4	10.8
82,5°	4.4	4.8	5.0	4.4	4.4	4.8	5.8	7.2	9.0	10.2	8.6	5.2	3.4	4.2
85,0°	1.6	1.6	1.6	1.6	1.8	2.0	2.2	2.4	2.8	3.0	2.6	2.0	1.6	2.0
87,5°	0.4	0.4	0.4	0.6	0.6	0.8	0.8	1.0	1.0	1.0	1.2	1.2	1.2	1.4
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

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
γ	Luminous intensity in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	235.1	234.5	233.3	232.7	231.9	231.3	230.7	229.7	229.1	228.5	228.1	227.9	227.7	227.3
5,0°	235.7	233.9	231.5	229.3	227.5	225.9	224.7	223.3	222.1	220.7	219.7	218.9	218.1	217.5
7,5°	236.7	233.1	229.5	226.7	224.3	221.9	219.5	217.5	216.1	214.7	213.3	212.1	211.1	210.3
10,0°	236.9	232.3	228.1	224.5	221.3	218.5	215.9	213.7	211.3	208.3	205.9	204.3	203.7	203.1
12,5°	236.9	231.3	226.3	221.9	218.5	215.1	211.1	207.3	205.3	202.9	199.5	197.5	195.5	193.3
15,0°	236.9	230.5	224.9	219.9	215.5	210.5	205.9	201.9	197.7	193.1	189.1	185.1	181.5	177.9
17,5°	238.5	230.9	224.3	218.5	212.5	206.3	199.3	193.1	186.1	179.5	172.5	165.5	159.9	156.1
20,0°	240.3	231.7	224.5	217.7	209.3	200.5	190.9	181.7	172.3	162.5	155.1	149.7	145.7	142.5
22,5°	243.3	233.7	225.1	215.7	205.1	192.7	180.7	167.7	156.3	148.7	142.3	136.1	130.3	124.7
25,0°	246.5	235.7	226.1	214.1	199.3	184.3	168.9	154.9	145.5	136.5	126.5	118.5	116.5	117.3
27,5°	248.1	235.9	224.1	209.3	192.1	174.3	156.3	144.7	132.7	119.5	114.7	116.3	116.5	114.7
30,0°	250.3	236.1	222.1	203.9	183.1	161.9	147.5	133.5	118.3	114.3	115.7	112.6	108.2	106.2
32,5°	253.1	237.5	219.5	196.3	172.5	151.1	136.5	120.3	114.5	115.7	109.6	104.4	103.2	102.8
35,0°	257.5	239.3	217.3	188.7	160.7	140.7	124.7	114.5	116.3	108.8	102.8	102.6	99.0	86.4
37,5°	262.3	240.7	213.5	180.1	150.3	129.7	115.7	114.9	110.6	102.6	103.0	97.6	80.4	69.4
40,0°	264.7	238.5	207.1	171.9	141.1	121.5	113.6	113.0	102.6	100.8	99.4	81.2	70.6	65.0
42,5°	263.9	231.5	193.9	157.5	129.5	117.1	112.8	105.0	95.8	100.0	84.4	71.8	67.4	64.8
45,0°	264.1	223.5	179.5	140.9	115.7	112.4	109.8	97.4	90.2	89.4	74.0	69.8	67.4	63.6
47,5°	253.9	209.7	162.3	124.1	104.6	106.0	102.0	91.8	87.4	74.4	69.4	66.6	63.4	61.0
50,0°	180.5	153.3	125.5	107.2	98.2	96.2	90.6	87.0	80.2	66.0	64.0	62.4	60.0	59.0
52,5°	93.2	82.8	73.4	86.0	93.0	86.0	78.2	80.2	65.4	60.0	59.2	57.6	57.0	57.2
55,0°	69.0	58.8	51.0	79.4	88.8	76.2	66.2	69.8	55.2	54.6	54.8	53.8	54.4	54.8
57,5°	73.2	59.2	50.6	82.6	83.8	66.2	57.0	57.8	49.6	47.4	53.8	51.2	49.6	50.6
60,0°	85.6	63.0	52.8	79.0	77.2	58.0	50.4	47.6	44.0	44.0	55.6	45.8	43.6	45.2
62,5°	107.6	72.0	54.8	64.6	63.0	50.4	44.2	41.0	39.2	41.2	51.8	38.4	36.2	36.8
65,0°	127.5	79.6	55.8	53.4	48.2	41.8	39.0	36.2	35.0	37.6	47.2	35.6	30.6	30.2
67,5°	127.9	76.6	55.6	48.0	38.6	32.8	33.4	31.6	31.2	32.0	39.4	33.6	27.2	26.2
70,0°	110.4	70.8	53.6	44.4	34.2	27.2	28.6	27.0	27.2	26.8	31.2	31.0	23.6	22.2
72,5°	82.6	58.0	47.8	40.6	31.2	23.6	24.0	22.0	22.8	22.0	23.6	26.0	20.0	18.0
75,0°	53.2	41.0	39.4	37.2	27.8	20.0	20.0	18.0	17.8	18.0	17.6	19.4	16.2	14.0
77,5°	26.2	24.2	27.0	23.8	19.4	14.8	14.6	13.4	13.0	13.4	12.6	13.6	11.8	10.2
80,0°	9.6	11.2	13.0	12.0	10.4	8.6	8.6	8.2	8.4	9.0	8.2	8.4	7.2	6.8
82,5°	5.0	5.8	6.2	5.8	5.2	4.6	4.4	4.4	4.6	5.0	4.8	4.0	3.2	3.4
85,0°	2.4	2.6	2.4	2.4	2.4	2.4	2.2	2.2	2.0	2.0	1.8	1.6	1.2	1.2
87,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.0	0.8	0.6	0.6	0.4	0.4
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

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
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Table of values for luminous intensities	Maximum luminous intensity
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C-planes	350°	355°	Phi-zone	Total Phi-zone
Luminous intensity in cd / Luminous flux in lm/klm				
0,0°	236.4	236.4	0.4	0.4
2,5°	227.5	227.7	2.8	3.2
5,0°	217.3	217.3	5.7	8.9
7,5°	209.9	209.5	8.7	17.6
10,0°	202.1	201.7	11.5	29.1
12,5°	191.9	191.1	14.3	43.4
15,0°	175.1	173.1	17.0	60.4
17,5°	153.7	152.7	19.4	79.8
20,0°	140.1	138.7	21.8	101.6
22,5°	121.5	120.3	24.2	125.8
25,0°	118.5	118.7	26.8	152.6
27,5°	113.2	112.2	29.8	182.4
30,0°	106.4	106.2	33.1	215.5
32,5°	100.2	95.8	36.5	252.0
35,0°	75.0	68.8	39.7	291.6
37,5°	64.0	60.8	43.0	334.6
40,0°	61.0	58.0	46.8	381.4
42,5°	62.4	60.2	50.9	432.3
45,0°	61.2	59.4	54.2	486.5
47,5°	59.8	58.8	56.3	542.9
50,0°	58.8	58.6	56.6	599.5
52,5°	57.6	57.6	54.6	654.1
55,0°	55.0	54.6	52.6	706.7
57,5°	50.6	50.4	51.6	758.2
60,0°	45.8	45.8	48.4	806.6
62,5°	37.4	37.2	42.1	848.7
65,0°	30.0	29.6	38.6	887.3
67,5°	25.8	25.6	35.2	922.5
70,0°	21.6	21.4	29.7	952.2
72,5°	17.4	17.8	21.5	973.7
75,0°	13.4	13.8	13.5	987.2
77,5°	9.8	10.0	6.5	993.7
80,0°	6.2	6.6	3.5	997.2
82,5°	3.6	4.0	1.9	999.1
85,0°	1.0	1.0	0.7	999.8
87,5°	0.4	0.4	0.2	1000.0
90,0°	0.0	0.0	0.0	1000.0

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	19200	147.0	155.2	151.1
95	93	18192	136.5	144.1	140.3
90	87	17292	127.5	134.7	131.1
85	81	16357	118.8	125.3	122.0
80	75	15386	110.0	116.1	113.0
75	69	14374	101.2	106.8	104.0
70	64	13505	94.1	99.1	96.6
65	58	12435	85.5	90.1	87.8
60	53	11506	78.4	82.6	80.5
55	48	10553	71.3	75.1	73.2
50	43	9573	64.3	67.6	65.9
45	38	8569	57.3	60.2	58.8
40	34	7742	51.8	54.4	53.1
35	29	6689	44.7	47.1	45.9
30	25	5830	39.2	41.2	40.2
25	20	4730	32.4	33.8	33.1
20	16	3831	26.9	28.1	27.5
15	12	2914	21.5	22.4	22.0
13	10	2451	18.7	19.4	19.0

Dimming levels table	environmental temperature: 5°C
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Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	19880	148.5	156.9	152.7
95	94	18949	139.5	147.3	143.4
90	87	17824	129.0	136.2	132.6
85	81	16828	120.2	126.7	123.4
80	76	15973	112.7	119.0	115.8
75	70	14914	103.9	109.6	106.8
70	64	13826	95.3	100.4	97.8
65	59	12897	88.1	92.7	90.4
60	54	11938	80.9	85.2	83.1
55	49	10958	73.8	77.6	75.7
50	44	9953	66.7	70.1	68.4
45	39	8925	59.5	62.5	61.0
40	34	7869	52.5	55.1	53.8
35	30	7009	46.9	49.3	48.1
30	25	5915	39.8	41.8	40.8
25	21	5020	34.2	35.8	35.0
20	16	3881	27.3	28.5	27.9
15	12	2950	21.8	22.7	22.2
12	10	2481	19.0	19.8	19.4

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
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Dimming levels table	environmental temperature: 15°C	sITeco
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Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	19570	147.7	156.0	151.8
95	93	18519	137.3	144.9	141.1
90	87	17583	128.2	135.4	131.8
85	81	16616	119.4	126.0	122.7
80	75	15615	110.7	116.7	113.7
75	70	14750	103.3	109.0	106.2
70	64	13684	94.7	99.7	97.2
65	59	12772	87.5	92.1	89.8
60	54	11831	80.4	84.6	82.5
55	48	10669	71.8	75.6	73.7
50	44	9874	66.2	69.6	67.9
45	39	8859	59.1	62.1	60.6
40	34	7815	52.1	54.7	53.4
34	29	6748	45.1	47.4	46.2
30	25	5879	39.5	41.5	40.5
26	21	4992	34.0	35.5	34.8
20	16	3861	27.1	28.3	27.7
15	12	2936	21.6	22.5	22.0
13	10	2469	18.9	19.6	19.2

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7F43A08MB EAN: 4058352731420	LP number 59559_80
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Luminousfluxs table **sITeco**

Temperature °C	Luminous flux lm	Power consumption W
25.0	19200.0	147.0
5.0	19880.0	148.5
15.0	19570.0	147.7