
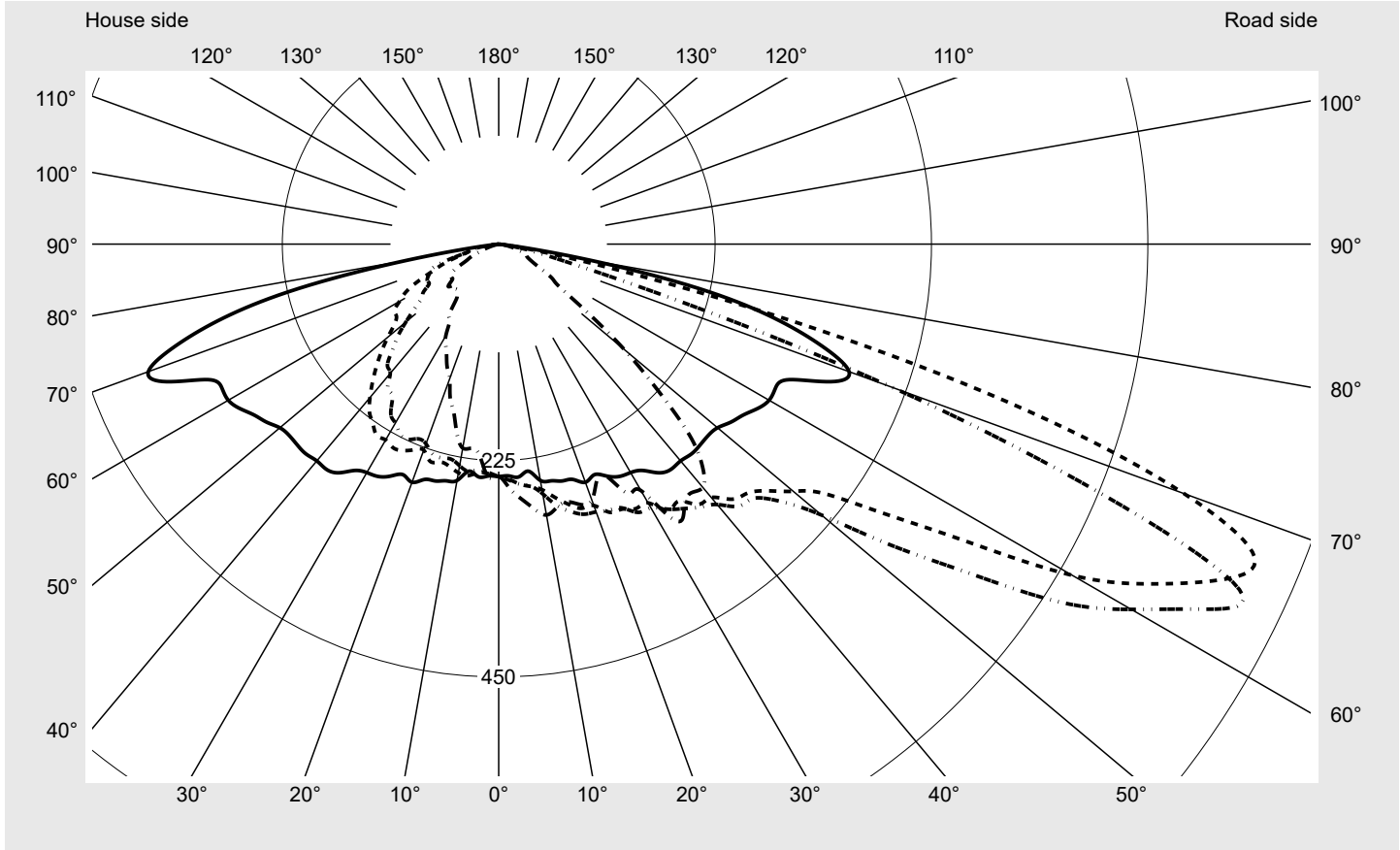


Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5C63A08CB EAN: 4058352785287	LP number 59081_957
	Version post-top or side-entry mounting Optic asymmetric, wide distribution (ST0.8a) Cover toughened safety glass Lamps LED 2700 K CRI ≥ 70 Controlgear ECG DIM Rated values Net luminous flux = 2050 lm Power consumption = 15.8 W Luminous efficacy = 129.7 lm/W	serial documentation 26.10.2022



Luminous intensity in cd/klm C180-0 C200-20 C205-25 C270-90 **Imax: 851 cd/klm**



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

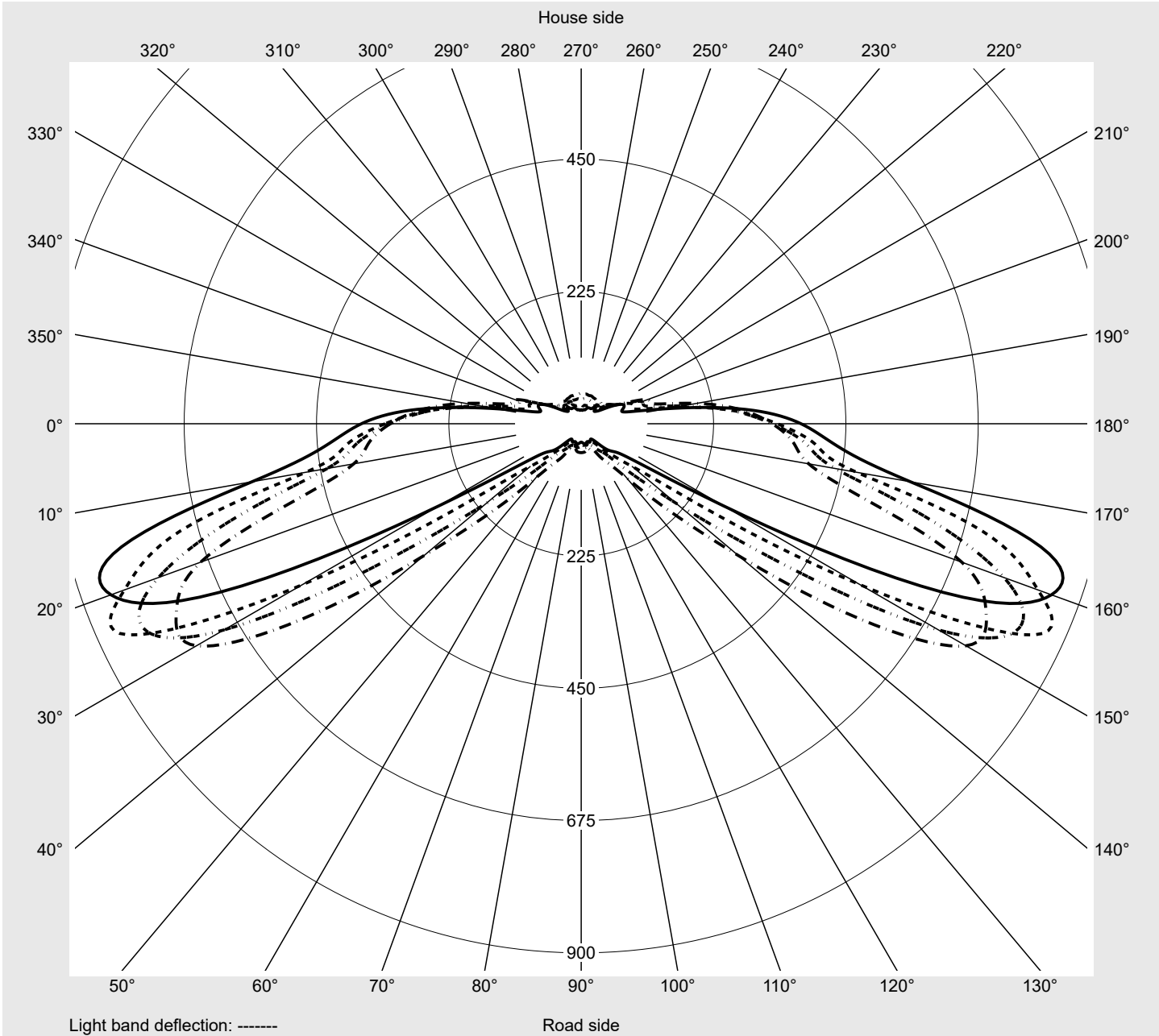
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	826.1
Imax 80°	99.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5C63A08CB EAN: 4058352785287	LP number 59081_957
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5C63A08CB EAN: 4058352785287	LP number 59081_957
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Luminous intensity in cd/klm												
0,0°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6
2,5°	241.2	242.0	242.3	244.6	244.8	245.6	247.5	249.2	247.9	248.6	249.4	249.4	252.1
5,0°	242.8	244.4	246.4	248.5	250.4	250.4	252.4	251.7	252.9	252.6	256.1	257.1	257.8
7,5°	238.1	244.7	246.4	249.3	254.1	253.8	256.3	259.1	262.2	263.1	264.0	270.2	274.3
10,0°	249.5	250.2	252.0	252.1	259.2	263.7	267.3	266.8	269.8	277.2	281.7	280.5	280.0
12,5°	252.1	255.9	263.4	267.0	269.7	278.2	283.8	288.0	292.2	295.4	292.5	284.3	282.5
15,0°	254.9	259.7	266.2	274.9	280.0	287.7	293.3	298.3	295.3	290.9	287.2	283.7	284.2
17,5°	256.6	260.1	271.3	284.8	287.9	294.5	301.9	294.7	290.2	290.7	291.7	283.4	285.5
20,0°	263.5	268.8	274.7	282.1	289.2	296.3	303.4	296.5	296.4	293.4	288.7	286.4	289.0
22,5°	259.6	274.8	287.3	297.4	301.8	299.5	298.4	305.1	306.8	304.8	295.9	292.1	289.5
25,0°	266.1	276.1	285.1	300.8	304.0	302.6	304.5	311.0	310.2	300.7	297.4	287.1	288.5
27,5°	272.3	279.3	296.0	304.9	309.9	314.4	317.9	310.6	307.7	310.4	295.7	288.2	284.2
30,0°	274.3	289.2	300.3	316.6	310.7	316.6	319.9	318.9	312.8	302.3	293.0	291.8	303.0
32,5°	279.1	301.8	308.2	311.8	328.0	326.7	325.8	322.5	315.6	310.9	310.7	313.2	326.1
35,0°	290.3	306.6	313.9	321.4	326.3	335.7	340.7	328.4	326.0	321.2	325.3	345.8	350.0
37,5°	294.9	312.8	318.0	328.7	341.1	344.6	341.9	346.7	346.5	347.6	362.9	374.3	375.4
40,0°	294.3	313.3	322.6	331.9	343.9	353.4	365.0	349.2	364.3	390.5	399.4	410.7	406.8
42,5°	296.2	309.6	325.7	338.2	359.7	369.6	367.0	368.1	396.6	441.2	445.2	430.6	422.9
45,0°	295.8	310.9	331.9	350.3	366.0	373.9	386.4	416.1	448.0	481.0	472.9	440.8	413.9
47,5°	295.0	309.3	335.6	359.3	379.7	395.4	417.5	470.9	503.3	514.4	478.4	422.0	378.4
50,0°	297.1	314.5	341.4	367.3	399.9	438.3	493.0	538.5	552.9	521.1	455.9	389.4	328.3
52,5°	304.1	328.9	343.7	368.4	425.7	514.1	577.6	608.3	578.7	500.9	416.3	327.5	253.0
55,0°	310.1	333.9	356.5	394.4	487.6	595.7	651.0	646.3	561.3	455.6	325.0	237.0	181.1
57,5°	318.6	348.3	372.4	430.0	573.5	693.1	711.4	657.9	500.3	322.7	213.2	147.1	101.6
60,0°	324.7	361.8	392.8	503.4	688.8	759.6	755.3	579.5	348.8	203.5	120.8	83.4	65.9
62,5°	324.4	382.8	438.5	601.3	765.0	821.8	701.7	408.6	209.8	117.2	71.5	56.9	47.8
65,0°	333.4	399.5	475.5	706.3	826.4	849.8	548.2	221.0	113.1	76.8	55.7	41.0	36.7
67,5°	373.8	437.3	568.4	809.1	850.8	678.6	279.2	107.7	74.5	62.1	43.2	32.6	31.2
70,0°	387.7	464.2	653.7	826.1	758.4	435.7	109.8	75.1	59.5	49.6	33.2	30.6	30.4
72,5°	352.6	441.9	676.5	725.8	577.5	196.6	70.4	55.5	45.7	39.8	29.7	22.8	23.7
75,0°	295.8	412.3	568.9	514.5	344.7	80.9	53.8	39.8	29.9	31.3	23.0	17.7	16.7
77,5°	213.1	276.5	324.1	259.9	142.0	43.1	29.2	20.9	19.0	22.5	18.6	15.0	14.8
80,0°	96.9	99.6	98.7	79.6	43.8	20.2	12.7	11.1	13.4	14.1	12.0	9.7	10.4
82,5°	18.6	21.9	19.9	11.4	8.2	6.5	5.2	5.0	6.6	7.4	7.2	5.6	6.1
85,0°	1.2	1.2	1.3	1.4	1.4	1.6	1.6	1.7	2.2	2.8	2.5	2.3	2.1
87,5°	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.5	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

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5C63A08CB EAN: 4058352785287	LP number 59081_957
Table of values for luminous intensities		Maximum luminous intensity



C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Luminous intensity in cd/klm												
0,0°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6
2,5°	252.7	252.3	253.5	253.9	252.0	253.8	240.2	239.2	240.4	239.0	237.8	236.9	238.2
5,0°	261.6	262.9	262.6	262.5	264.1	265.6	242.6	240.6	238.7	238.3	235.4	234.3	235.6
7,5°	275.6	278.5	278.2	277.4	277.8	277.0	238.4	241.3	240.2	242.8	238.2	235.5	230.7
10,0°	284.8	286.5	285.3	284.2	283.5	286.0	246.7	248.1	242.7	241.4	234.0	230.9	226.1
12,5°	282.9	285.3	280.5	275.7	279.2	280.2	254.8	247.0	239.2	236.8	229.0	222.6	221.7
15,0°	281.8	277.5	277.9	279.4	277.7	277.4	244.7	239.6	238.4	234.6	230.0	219.2	214.8
17,5°	283.9	277.3	277.7	278.9	281.6	284.0	248.6	244.3	240.8	236.9	228.6	219.6	210.1
20,0°	284.6	279.3	279.5	278.5	278.6	283.3	250.4	244.8	243.7	227.9	221.0	216.4	210.3
22,5°	284.0	276.8	272.6	269.1	269.6	266.4	255.9	245.3	244.2	231.5	219.1	210.1	200.8
25,0°	275.9	270.8	271.0	266.2	274.3	266.8	255.1	246.9	247.0	236.8	224.1	207.1	197.3
27,5°	277.2	288.3	288.6	296.6	291.7	292.3	261.4	252.5	247.8	238.4	222.4	196.8	187.3
30,0°	300.5	303.6	307.8	308.9	315.5	295.9	263.4	249.0	247.9	235.1	214.7	195.0	180.4
32,5°	328.9	326.4	327.8	332.8	327.9	340.2	269.9	256.6	249.9	235.9	208.8	190.6	172.1
35,0°	351.6	348.3	339.6	342.2	331.1	336.2	268.3	256.9	245.4	228.0	192.6	183.8	161.7
37,5°	368.3	358.0	349.0	341.4	341.3	326.8	275.2	256.7	243.1	220.7	189.6	173.4	144.9
40,0°	386.9	376.4	360.5	348.9	343.2	330.2	273.0	257.9	233.4	208.2	175.4	159.5	133.5
42,5°	394.5	377.0	352.8	342.8	324.4	313.6	277.4	255.6	229.9	194.1	171.3	138.8	126.0
45,0°	373.7	341.2	311.2	287.0	275.0	280.3	269.7	257.0	221.7	179.7	156.7	124.5	119.8
47,5°	332.0	291.1	265.7	241.8	221.6	223.1	275.8	249.1	205.7	165.3	142.6	109.4	111.0
50,0°	269.1	232.1	206.2	184.4	172.7	170.4	273.8	244.3	195.3	150.3	126.0	94.7	101.4
52,5°	205.2	169.9	145.0	128.5	115.1	114.5	281.2	239.7	184.0	136.5	110.2	80.3	85.7
55,0°	131.1	105.8	91.9	86.1	80.5	76.4	280.3	234.7	170.5	129.9	97.7	73.5	69.5
57,5°	73.3	66.6	63.9	61.6	62.7	65.4	278.3	218.0	152.3	128.6	92.8	69.3	60.8
60,0°	48.6	47.2	42.4	46.5	48.7	49.2	272.7	199.4	130.1	119.1	83.8	65.0	57.4
62,5°	40.8	39.5	39.7	41.1	40.0	38.8	256.8	173.8	115.3	109.6	83.4	61.6	54.5
65,0°	37.1	33.9	37.3	36.9	36.5	33.5	258.2	159.9	96.1	94.2	81.3	61.6	46.5
67,5°	34.6	32.3	33.4	34.6	33.0	31.3	280.0	147.2	77.5	76.0	77.6	59.7	40.8
70,0°	32.0	32.4	30.4	31.7	27.2	29.4	247.6	108.4	58.8	62.7	73.3	58.4	38.2
72,5°	25.2	26.4	26.2	25.4	24.8	23.6	184.7	71.9	48.7	47.4	57.3	50.8	34.9
75,0°	18.7	17.1	18.0	18.7	18.1	18.1	95.7	27.7	25.4	34.3	36.0	34.8	26.3
77,5°	14.2	12.3	12.0	12.2	12.3	12.3	55.6	9.6	10.9	31.1	30.8	23.9	17.8
80,0°	9.5	8.8	8.8	7.5	7.9	7.8	31.0	5.8	8.6	24.2	22.9	16.0	10.4
82,5°	5.3	5.0	4.6	4.2	4.0	3.9	6.6	3.0	4.1	6.3	5.3	3.5	3.5
85,0°	2.4	2.0	1.4	1.5	1.4	1.5	1.1	1.0	1.1	0.9	0.9	0.9	0.8
87,5°	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
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

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5C63A08CB EAN: 4058352785287	LP number 59081_957
Table of values for luminous intensities		Maximum luminous intensity
		sITeCO

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	0.4	0.4
2,5°	241.3	240.5	242.5	240.1	240.5	238.9	241.6	240.1	240.9	241.1	242.6	2.9	3.3
5,0°	232.5	230.0	225.5	221.8	226.5	227.3	225.3	224.8	224.3	223.2	221.9	5.8	9.1
7,5°	228.8	226.5	219.5	220.7	219.6	217.7	217.0	215.7	214.0	216.2	214.1	8.8	17.9
10,0°	221.8	216.9	211.2	208.7	206.8	206.5	210.1	210.0	211.5	208.9	215.3	11.8	29.6
12,5°	221.7	219.0	212.0	208.5	206.1	204.8	203.5	204.8	201.1	201.1	201.2	14.8	44.4
15,0°	211.3	207.1	204.4	200.9	196.2	194.7	186.5	183.8	185.7	182.0	180.8	17.4	61.9
17,5°	206.3	200.6	196.9	186.4	183.3	178.8	172.8	169.8	169.5	171.3	167.7	20.1	82.0
20,0°	201.6	192.2	182.0	171.8	168.4	169.4	161.9	159.0	152.8	148.9	148.7	22.6	104.6
22,5°	189.5	176.3	168.2	165.5	154.6	153.5	147.6	143.0	146.7	143.6	139.5	25.0	129.6
25,0°	184.5	169.4	158.8	149.7	145.1	148.3	144.2	138.2	133.4	130.4	128.2	27.4	157.0
27,5°	173.0	162.7	150.4	149.3	152.3	145.3	136.2	132.8	127.0	122.5	119.2	30.2	187.2
30,0°	162.4	143.6	144.2	152.2	146.6	139.1	131.5	121.9	116.8	109.9	110.0	32.9	220.1
32,5°	151.4	142.8	146.9	152.1	141.3	130.1	121.6	111.3	102.8	98.5	94.4	36.1	256.2
35,0°	140.7	148.0	157.5	143.3	130.4	119.8	107.6	101.9	94.1	89.2	89.6	39.0	295.2
37,5°	138.0	151.9	149.9	134.8	118.8	107.3	100.5	88.0	82.4	76.3	72.6	41.9	337.1
40,0°	134.4	154.1	135.3	122.6	107.1	94.1	82.6	75.7	70.2	69.0	67.6	44.8	381.9
42,5°	138.4	139.5	121.1	109.8	93.4	82.5	71.8	67.9	67.8	68.3	64.3	47.4	429.2
45,0°	135.6	129.0	109.2	95.4	84.3	74.3	65.8	66.7	65.5	64.6	65.4	48.8	478.1
47,5°	125.8	116.1	98.6	83.3	73.0	64.2	64.1	63.7	65.2	64.9	63.6	49.6	527.7
50,0°	107.6	99.0	88.5	78.2	64.9	64.1	63.1	62.8	63.9	65.5	68.4	50.0	577.6
52,5°	82.9	78.7	77.0	68.7	62.1	60.2	64.1	62.3	63.2	61.5	60.9	49.5	627.1
55,0°	64.7	64.0	67.3	59.9	58.1	58.2	61.6	60.8	61.2	59.8	60.3	48.5	675.6
57,5°	53.0	55.4	58.6	53.2	55.7	56.3	57.2	58.4	55.2	57.5	58.2	47.1	722.8
60,0°	49.5	48.0	49.5	47.1	48.3	48.9	50.3	49.9	51.1	50.6	52.4	45.5	768.2
62,5°	42.5	42.0	42.1	39.9	42.7	41.6	42.2	42.0	42.4	42.1	39.2	43.6	811.9
65,0°	40.5	35.1	38.1	36.5	35.7	35.7	33.2	31.9	31.9	30.6	32.6	41.7	853.6
67,5°	33.0	31.2	36.8	31.9	30.2	29.8	27.8	24.5	24.4	22.9	23.8	39.4	892.9
70,0°	29.7	26.8	31.6	27.6	24.7	23.0	20.2	19.4	17.5	17.6	16.9	35.6	928.5
72,5°	23.8	22.1	24.3	22.0	18.8	15.9	14.1	13.3	12.0	11.5	10.8	29.6	958.2
75,0°	17.8	15.2	17.8	16.9	13.4	11.6	9.2	7.4	6.2	5.9	5.9	21.6	979.7
77,5°	13.5	11.4	11.0	11.4	10.7	7.7	5.3	3.3	2.5	1.9	1.7	12.8	992.6
80,0°	7.9	5.9	6.5	6.2	5.3	4.4	3.9	1.5	1.0	0.8	0.8	5.5	998.1
82,5°	3.3	2.7	2.5	2.3	2.2	1.7	2.0	0.7	0.3	0.2	0.2	1.5	999.6
85,0°	0.6	0.6	0.5	0.4	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.3	999.9
87,5°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	1000.0

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5C63A08CB EAN: 4058352785287	LP number 59081_957
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siteco

Dimming levels table environmental temperature: 25°C

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	2050	15.8	15.9	15.8
95	95	1956	15.1	15.3	15.2
90	89	1842	14.1	14.3	14.2
85	84	1747	13.5	13.6	13.6
80	78	1632	12.7	12.8	12.8
75	73	1534	11.9	12.0	12.0
70	68	1436	11.2	11.3	11.2
65	63	1337	10.5	10.6	10.6
60	58	1237	9.8	9.9	9.9
55	53	1136	9.1	9.2	9.1
50	47	1015	8.3	8.4	8.4
45	42	913	7.7	7.7	7.7
40	38	830	7.1	7.1	7.1
36	34	746	6.5	6.6	6.6

Dimming levels table environmental temperature: 5°C

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	2080	16.0	16.1	16.0
95	95	1984	15.3	15.5	15.4
90	89	1869	14.4	14.6	14.5
85	84	1771	13.7	13.8	13.8
80	79	1673	13.0	13.2	13.1
75	73	1554	12.1	12.2	12.1
70	68	1455	11.4	11.5	11.4
65	63	1353	10.7	10.8	10.8
60	58	1252	9.9	10.1	10.0
55	53	1151	9.2	9.3	9.2
50	48	1048	8.6	8.7	8.6
45	43	943	7.9	8.0	8.0
40	38	839	7.2	7.2	7.2
36	34	755	6.6	6.7	6.6

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5C63A08CB EAN: 4058352785287	LP number 59081_957
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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	2070	15.9	16.0	16.0
95	95	1976	15.2	15.4	15.3
90	89	1860	14.2	14.4	14.3
85	84	1764	13.6	13.7	13.6
80	78	1646	12.8	12.9	12.8
75	73	1548	12.0	12.1	12.0
70	68	1449	11.3	11.4	11.4
65	63	1349	10.6	10.7	10.6
60	58	1248	9.9	10.0	10.0
55	53	1146	9.2	9.3	9.2
50	48	1044	8.5	8.6	8.6
45	43	940	7.8	7.9	7.8
40	38	837	7.1	7.1	7.1
36	34	752	6.5	6.6	6.6

Photometric test report

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
25.0	2050.0	15.8
5.0	2080.0	16.0
15.0	2070.0	15.9