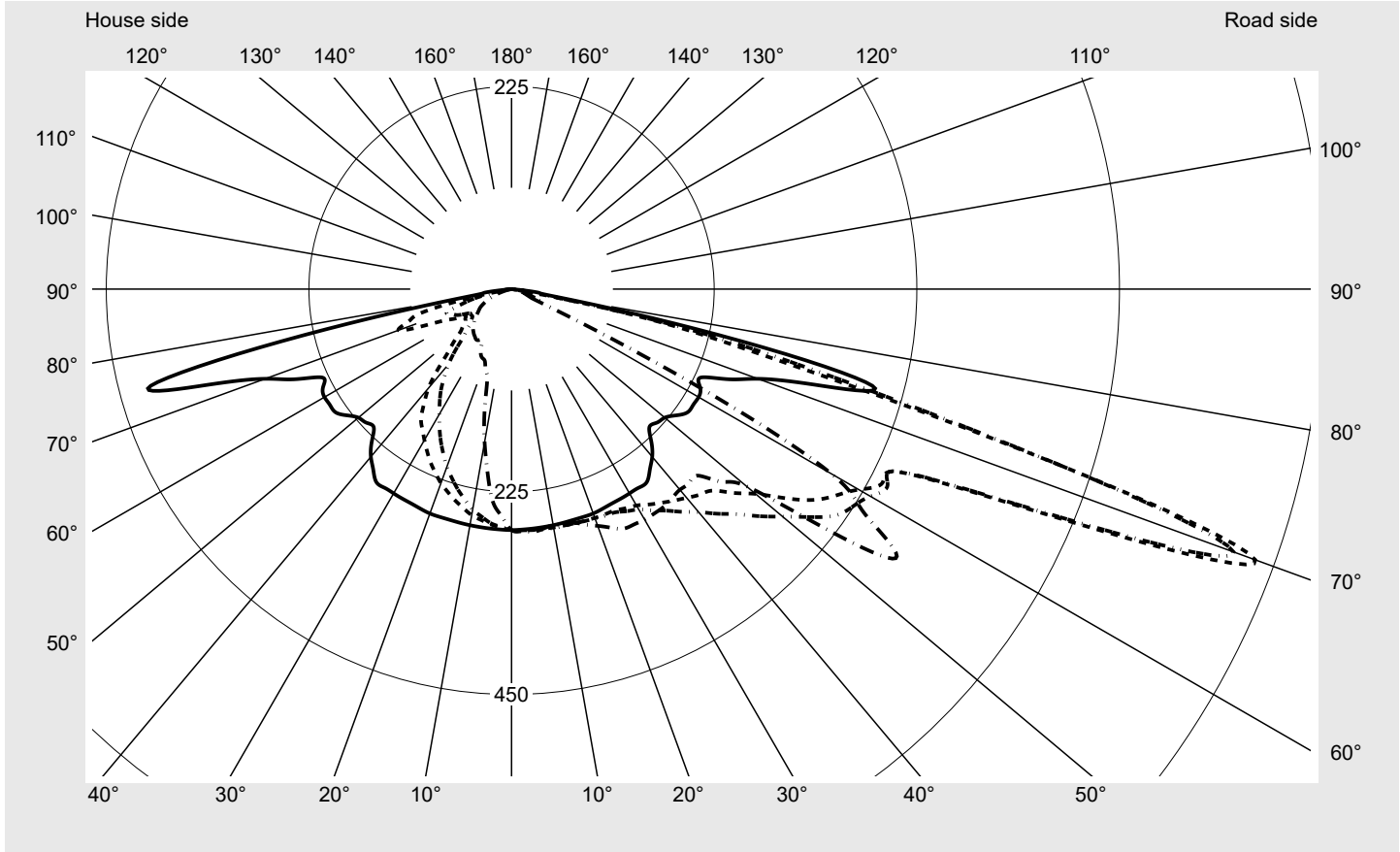


Photometric test report

Family Streetlight 21 mini easy LED	Order number: 5XE6U47N08GB EAN: 4058352995471	LP number 59536_96
	Version post-top or side-entry mounting, NEMA 7 pin (DALI) Optic direct, asymmetric wide distribution P080001 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DALI Plus Rated values Net luminous flux = 6240 lm Power consumption = 40.4 W Luminous efficacy = 154.5 lm/W	serial documentation 18.01.2024



Luminous intensity in cd/klm C180-0 C195-15 C200-20 C270-90 **Imax: 879 cd/klm**



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

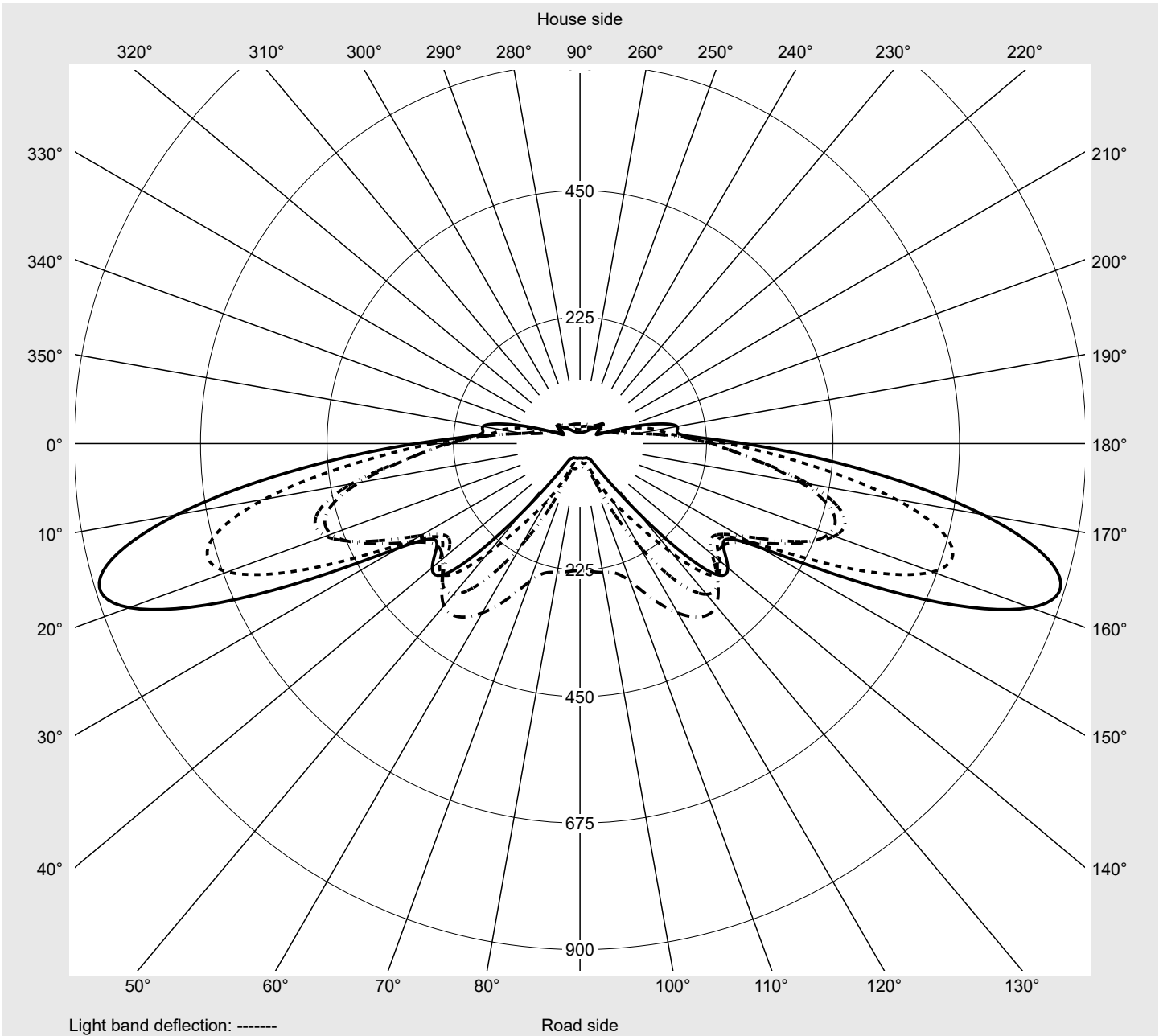
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	878.7
Imax 80°	57.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 21 mini easy LED	Order number: 5XE6U47N08GB EAN: 4058352995471	LP number 59536_96
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Envelope curve in cd/klm **KMK 70°** **KMK 67.5°** **KMK 65°** **KMK 62.5°** **siteco**



Photometric test report

Family Streetlight 21 mini easy LED	Order number: 5XE6U47N08GB EAN: 4058352995471	LP number 59536_96
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°	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5
2,5°	267.2	267.2	267.4	267.7	268.0	268.2	268.3	268.4	268.7	268.6	268.6	268.7	268.7
5,0°	266.9	266.9	267.2	267.8	268.6	268.9	269.1	269.3	269.8	269.6	269.6	269.8	269.9
7,5°	266.5	266.7	267.4	268.3	269.0	269.1	269.0	269.1	269.2	269.0	268.6	268.3	268.2
10,0°	266.2	266.6	267.5	268.8	269.4	269.4	269.0	268.9	268.7	268.3	267.5	266.8	266.5
12,5°	265.7	266.8	267.7	268.9	269.3	269.2	268.7	268.4	268.0	267.7	267.2	266.8	266.7
15,0°	265.2	267.0	267.9	269.1	269.2	269.1	268.3	267.9	267.3	267.0	266.9	266.8	267.0
17,5°	265.2	267.9	268.8	269.7	270.1	270.0	269.8	269.8	269.9	270.4	270.8	271.1	271.6
20,0°	265.1	268.9	269.6	270.3	271.0	270.8	271.2	271.7	272.4	273.8	274.7	275.4	276.3
22,5°	264.0	268.4	269.8	270.7	272.2	273.3	274.8	276.9	278.7	280.6	282.2	283.8	285.0
25,0°	262.8	268.0	269.9	271.2	273.4	275.7	278.4	282.1	285.0	287.4	289.7	292.2	293.7
27,5°	262.3	269.0	271.7	274.3	277.9	281.8	286.1	291.1	295.3	299.0	301.4	302.9	302.7
30,0°	261.9	269.9	273.5	277.4	282.5	287.8	293.9	300.0	305.5	310.6	313.1	313.5	311.7
32,5°	261.8	271.7	277.3	283.5	291.4	299.5	307.7	315.0	321.0	325.6	326.4	323.2	318.0
35,0°	261.7	273.6	281.1	289.6	300.3	311.1	321.4	329.9	336.4	340.6	339.8	332.9	324.3
37,5°	252.3	268.4	281.4	296.0	311.7	326.6	338.9	348.1	353.7	354.6	350.3	339.3	327.6
40,0°	243.0	263.2	281.8	302.4	323.1	342.1	356.4	366.4	370.9	368.7	360.7	345.6	330.9
42,5°	229.8	256.4	281.5	309.4	338.2	363.9	378.3	385.7	385.6	377.9	365.2	348.0	332.0
45,0°	216.5	249.6	281.2	316.3	353.3	385.7	400.3	405.0	400.3	387.0	369.7	350.4	333.1
47,5°	219.3	258.6	295.9	335.0	373.2	403.4	416.6	415.9	404.4	385.7	366.0	350.2	338.2
50,0°	222.0	267.6	310.6	353.7	393.0	421.0	433.0	426.9	408.5	384.3	362.2	350.0	343.3
52,5°	230.3	281.2	331.6	380.9	415.7	432.1	429.8	415.1	391.8	372.1	363.5	370.8	388.4
55,0°	238.5	294.7	352.7	408.1	438.3	443.1	426.6	403.4	375.0	359.8	364.8	391.6	433.4
57,5°	239.2	300.2	368.4	426.7	449.2	436.9	401.3	371.3	353.4	354.2	384.0	423.0	459.6
60,0°	239.9	305.7	384.0	445.2	460.1	430.6	376.1	339.2	331.9	348.6	403.2	454.3	485.7
62,5°	236.0	306.5	398.6	464.7	470.8	420.8	351.7	313.7	319.3	347.2	376.6	376.0	347.7
65,0°	232.2	307.3	413.1	484.1	481.4	410.9	327.3	288.2	306.7	345.7	350.0	297.8	209.7
67,5°	261.7	400.0	570.4	681.4	667.3	523.6	348.4	299.5	324.9	331.4	253.7	172.7	120.4
70,0°	291.2	492.6	727.8	878.7	853.1	636.3	369.5	310.8	343.1	317.0	157.5	47.7	31.0
72,5°	353.0	430.5	526.3	594.6	600.5	549.8	505.8	527.8	350.6	186.2	90.1	34.6	25.1
75,0°	414.8	368.5	324.8	310.5	347.9	463.4	642.1	744.8	358.1	55.4	22.7	21.6	19.3
77,5°	236.0	205.6	178.8	168.2	183.7	239.0	334.0	387.5	184.9	33.3	17.6	16.7	14.7
80,0°	57.3	42.7	32.7	25.9	19.4	14.6	25.9	30.2	11.7	11.3	12.5	11.9	10.0
82,5°	30.0	22.6	17.5	14.0	10.7	8.3	13.9	16.1	6.8	6.6	7.4	7.1	6.4
85,0°	2.7	2.5	2.3	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.3	2.4	2.7
87,5°	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	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

Photometric test report

Family Streetlight 21 mini easy LED	Order number: 5XE6U47N08GB EAN: 4058352995471	LP number 59536_96
Table of values for luminous intensities		Maximum luminous intensity
siteco		

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°	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5
2,5°	268.8	268.7	268.8	268.9	268.9	269.0	266.5	265.7	264.9	264.3	263.2	262.1	260.9
5,0°	270.0	269.8	270.0	270.2	270.3	270.5	265.5	264.0	262.3	261.0	259.0	256.8	254.3
7,5°	268.1	268.0	267.8	268.0	268.1	268.3	264.6	261.7	258.5	254.8	250.1	245.2	240.0
10,0°	266.2	266.2	265.6	265.7	265.9	266.2	263.7	259.4	254.8	248.5	241.2	233.7	225.8
12,5°	266.6	266.7	266.6	266.8	267.1	267.4	262.2	256.2	248.7	239.4	229.0	218.0	206.6
15,0°	267.0	267.3	267.5	267.9	268.3	268.7	260.7	253.0	242.7	230.3	216.7	202.2	187.3
17,5°	271.9	272.4	272.7	273.3	273.7	274.2	260.0	249.6	236.0	220.1	202.7	184.7	166.5
20,0°	276.9	277.5	277.9	278.7	279.1	279.7	259.3	246.2	229.2	209.9	188.8	167.2	145.7
22,5°	285.7	286.0	285.3	285.9	286.0	286.6	256.1	240.7	220.9	197.9	173.1	148.9	124.7
25,0°	294.5	294.4	292.7	293.2	293.0	293.5	253.0	235.1	212.5	186.0	157.4	130.7	103.7
27,5°	301.7	299.6	296.6	295.1	294.3	294.5	249.8	229.0	203.1	173.2	142.1	112.9	90.5
30,0°	308.9	304.7	300.5	297.1	295.6	295.6	246.5	222.9	193.6	160.4	126.8	95.2	77.3
32,5°	313.0	307.3	302.0	297.5	295.4	295.3	243.8	216.9	184.3	148.5	113.2	85.2	75.5
35,0°	317.0	310.0	303.6	298.0	295.1	294.9	241.1	211.0	175.1	136.5	99.5	75.1	73.7
37,5°	317.8	309.7	303.3	296.8	293.1	292.9	227.5	194.9	159.3	122.5	89.6	70.6	71.2
40,0°	318.5	309.4	303.1	295.7	291.1	290.8	213.8	178.8	143.5	108.6	79.7	66.1	68.6
42,5°	318.9	309.7	303.7	297.1	292.4	291.8	194.6	156.5	121.9	92.6	71.9	63.8	66.0
45,0°	319.2	310.1	304.3	298.5	293.8	292.9	175.4	134.2	100.3	76.6	64.1	61.5	63.3
47,5°	329.8	326.0	323.9	321.0	317.3	316.6	170.5	122.9	87.3	67.9	61.3	60.6	62.1
50,0°	340.3	341.9	343.4	343.5	340.8	340.4	165.5	111.6	74.4	59.3	58.4	59.8	60.9
52,5°	405.0	419.9	430.4	434.7	431.6	430.6	167.0	108.2	68.4	56.2	56.5	57.5	57.6
55,0°	469.7	498.0	517.3	525.9	522.3	520.8	168.4	104.8	62.4	53.0	54.6	55.3	54.3
57,5°	478.3	480.2	474.1	472.9	468.6	465.7	167.5	102.3	61.0	53.3	50.4	50.0	50.6
60,0°	486.8	462.4	430.8	419.9	414.9	410.5	166.7	99.7	59.6	53.6	46.2	44.6	46.9
62,5°	304.6	260.5	238.2	232.6	228.3	225.8	164.6	102.3	71.0	60.8	46.8	42.1	46.4
65,0°	122.3	58.5	45.5	45.3	41.7	41.1	162.5	104.9	82.5	68.0	47.5	39.6	45.8
67,5°	75.0	42.9	36.1	36.0	33.8	33.5	171.9	140.1	107.9	72.2	44.8	36.5	43.4
70,0°	27.6	27.3	26.7	26.8	26.0	25.9	181.3	175.3	133.4	76.4	42.1	33.3	41.1
72,5°	22.7	22.0	21.3	21.1	20.5	20.3	265.1	189.7	120.0	62.2	33.7	27.5	35.0
75,0°	17.7	16.6	15.9	15.3	15.0	14.8	348.9	204.0	106.7	47.9	25.3	21.8	29.0
77,5°	13.1	12.5	11.5	11.1	10.8	10.6	193.6	113.1	59.4	29.8	17.4	15.8	20.3
80,0°	8.4	8.3	7.2	6.9	6.6	6.5	38.3	22.1	12.2	11.8	9.4	9.8	11.6
82,5°	5.4	5.2	4.5	4.3	4.1	4.0	20.5	12.5	7.6	7.4	6.0	6.3	7.0
85,0°	2.3	2.1	1.8	1.7	1.6	1.5	2.8	2.8	2.9	2.9	2.7	2.7	2.5
87,5°	1.1	1.0	0.9	0.8	0.8	0.7	1.4	1.4	1.5	1.5	1.4	1.4	1.3
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 mini easy LED	Order number: 5XE6U47N08GB EAN: 4058352995471	LP number 59536_96
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°	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	267.5	0.4	0.4
2,5°	259.6	258.4	257.3	256.2	255.1	254.3	253.6	253.0	252.6	252.4	252.3	3.2	3.6
5,0°	251.7	249.4	247.1	244.9	242.7	241.1	239.8	238.5	237.7	237.3	237.2	6.2	9.8
7,5°	234.8	230.1	225.2	220.5	216.3	213.0	210.1	207.9	206.2	205.4	204.8	9.0	18.7
10,0°	217.9	210.8	203.4	196.1	189.9	184.8	180.4	177.3	174.8	173.4	172.5	11.5	30.2
12,5°	195.6	185.0	175.2	166.1	158.0	151.4	146.3	142.8	140.4	139.1	138.4	13.6	43.8
15,0°	173.3	159.2	147.1	136.1	126.1	118.1	112.2	108.3	106.0	104.7	104.3	15.5	59.4
17,5°	149.3	133.3	121.0	111.9	105.2	100.8	98.1	96.7	95.8	95.3	95.2	17.6	76.9
20,0°	125.4	107.5	94.9	87.6	84.4	83.5	84.0	85.2	85.7	85.9	86.1	19.5	96.4
22,5°	105.4	93.2	87.8	86.3	86.0	85.8	85.4	85.1	84.3	83.6	83.3	21.7	118.1
25,0°	85.5	78.9	80.6	84.9	87.6	88.0	86.8	84.9	82.9	81.2	80.5	23.8	141.9
27,5°	81.2	81.9	85.3	88.0	88.0	85.8	82.5	79.3	76.2	74.0	73.1	26.1	168.0
30,0°	77.0	84.8	90.0	91.2	88.3	83.6	78.3	73.6	69.6	66.7	65.7	28.2	196.2
32,5°	79.1	85.7	88.8	87.8	84.1	79.6	75.2	71.9	69.4	67.7	67.1	30.6	226.8
35,0°	81.2	86.7	87.6	84.5	79.9	75.6	72.2	70.2	69.3	68.6	68.4	32.9	259.7
37,5°	76.3	79.2	78.9	77.1	76.1	74.0	71.1	69.2	67.9	67.1	66.7	34.9	294.6
40,0°	71.3	71.6	70.3	69.7	72.4	72.5	70.0	68.2	66.6	65.5	65.1	36.8	331.3
42,5°	67.4	67.5	68.8	69.1	68.9	68.5	66.8	65.5	64.3	63.3	62.9	38.5	369.8
45,0°	63.5	63.4	67.3	68.6	65.4	64.6	63.6	62.8	62.0	61.1	60.7	40.2	410.1
47,5°	62.2	64.8	65.8	64.2	61.6	61.0	60.1	59.3	58.4	57.5	57.2	42.8	452.8
50,0°	60.9	66.1	64.2	59.8	57.9	57.4	56.6	55.8	54.8	53.9	53.6	45.3	498.1
52,5°	59.8	63.6	59.5	55.6	53.9	53.3	52.6	51.7	50.6	49.9	49.7	50.1	548.1
55,0°	58.6	61.0	54.8	51.4	50.0	49.2	48.5	47.6	46.5	45.9	45.9	55.0	603.1
57,5°	57.5	56.2	50.1	47.2	46.0	45.1	44.4	43.8	43.2	42.8	42.8	55.3	658.4
60,0°	56.4	51.4	45.4	43.1	42.0	41.0	40.4	40.0	39.8	39.7	39.6	55.4	713.8
62,5°	54.0	47.8	42.0	39.7	38.3	37.1	36.5	36.0	35.5	35.1	35.0	47.7	761.5
65,0°	51.6	44.2	38.6	36.3	34.6	33.2	32.5	31.9	31.2	30.5	30.5	39.5	800.9
67,5°	48.3	41.4	36.3	33.4	30.6	28.5	27.4	26.5	25.7	25.0	24.9	43.3	844.2
70,0°	45.1	38.6	34.0	30.6	26.6	23.9	22.2	21.1	20.1	19.6	19.4	47.1	891.3
72,5°	38.7	34.3	30.3	25.9	21.5	18.5	16.7	15.5	14.5	14.0	13.8	42.6	933.9
75,0°	32.4	30.0	26.6	21.3	16.4	13.1	11.3	10.0	9.0	8.3	8.1	37.9	971.7
77,5°	22.7	22.3	20.0	15.8	11.7	9.2	7.7	6.6	5.6	4.9	4.7	21.1	992.8
80,0°	13.0	14.5	13.5	10.3	7.0	5.2	4.2	3.1	2.2	1.5	1.3	4.0	996.9
82,5°	7.7	8.3	7.6	6.0	4.2	3.2	2.6	2.0	1.5	1.0	0.9	2.3	999.2
85,0°	2.3	2.1	1.8	1.7	1.5	1.3	1.0	0.8	0.7	0.6	0.6	0.6	999.7
87,5°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	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 mini easy LED	Order number: 5XE6U47N08GB EAN: 4058352995471	LP number 59536_96
Dimming levels table		siteco
environmental temperature: 25°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	6240	40.4	41.1	40.8
95	240	252	5938	38.1	38.8	38.4
90	225	250	5609	35.8	36.4	36.1
85	211	247	5296	33.5	34.1	33.8
80	198	245	5003	31.5	32.0	31.8
75	184	242	4683	29.3	29.8	29.6
70	170	239	4358	27.1	27.5	27.3
65	157	236	4051	25.1	25.5	25.3
60	144	233	3741	23.2	23.5	23.4
55	131	230	3429	21.2	21.5	21.4
50	118	226	3111	19.2	19.5	19.4
45	106	222	2814	17.4	17.6	17.5
40	93	217	2489	15.4	15.6	15.5
35	81	212	2185	13.6	13.8	13.7
30	69	206	1876	11.8	12.0	11.9
25	57	199	1565	10.1	10.2	10.1
20	45	191	1250	8.3	8.4	8.4
15	33	179	932	6.6	6.7	6.6
11	23	166	663	5.2	5.2	5.2

Dimming levels table	environmental temperature: 5°C
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Luminous flux [%]	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]start of lifetime	Power consumption [W]end of lifetime	Power consumption [W]average
100	254	254	6370	40.9	41.6	41.2
95	240	252	6057	38.7	39.4	39.0
90	226	250	5739	36.4	37.0	36.7
85	212	247	5418	34.2	34.8	34.5
80	198	245	5093	31.9	32.5	32.2
75	185	242	4788	29.9	30.3	30.1
70	171	240	4453	27.7	28.1	27.9
65	158	237	4141	25.7	26.0	25.8
60	145	233	3823	23.6	24.0	23.8
55	132	230	3504	21.6	21.9	21.8
50	119	226	3180	19.6	19.9	19.8
45	107	222	2878	17.7	18.0	17.8
40	94	218	2547	15.8	16.1	16.0
35	82	213	2238	13.9	14.2	14.0
30	69	206	1899	12.0	12.2	12.1
25	57	199	1583	10.2	10.3	10.2
20	45	191	1264	8.5	8.6	8.6
15	34	180	969	6.9	7.0	7.0
11	23	166	670	5.3	5.3	5.3

Photometric test report

Family Streetlight 21 mini easy LED	Order number: 5XE6U47N08GB EAN: 4058352995471	LP number 59536_96
Dimming levels table		siteco
environmental temperature: 15°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	6310	40.6	41.4	41.0
95	240	252	6002	38.4	39.1	38.8
90	226	250	5689	36.1	36.8	36.4
85	212	247	5373	34.0	34.5	34.2
80	198	245	5052	31.7	32.3	32.0
75	184	242	4727	29.5	30.0	29.8
70	171	240	4421	27.5	27.9	27.7
65	158	237	4111	25.5	25.9	25.7
60	145	233	3797	23.4	23.8	23.6
55	132	230	3481	21.4	21.8	21.6
50	119	226	3160	19.4	19.7	19.5
45	106	222	2835	17.5	17.7	17.6
40	94	218	2532	15.6	15.9	15.8
35	81	212	2200	13.7	13.9	13.8
30	69	206	1889	11.9	12.1	12.0
25	57	199	1575	10.1	10.3	10.2
20	45	191	1258	8.4	8.5	8.4
15	33	179	937	6.6	6.7	6.6
11	23	166	668	5.2	5.2	5.2

Photometric test report

Family Streetlight 21 mini easy LED	Order number: 5XE6U47N08GB EAN: 4058352995471	LP number 59536_96
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Luminousfluxs table	siteco
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Temperature °C	Luminous flux lm	Power consumption W
25.0	6240.0	40.4
5.0	6370.0	40.9
15.0	6310.0	40.6