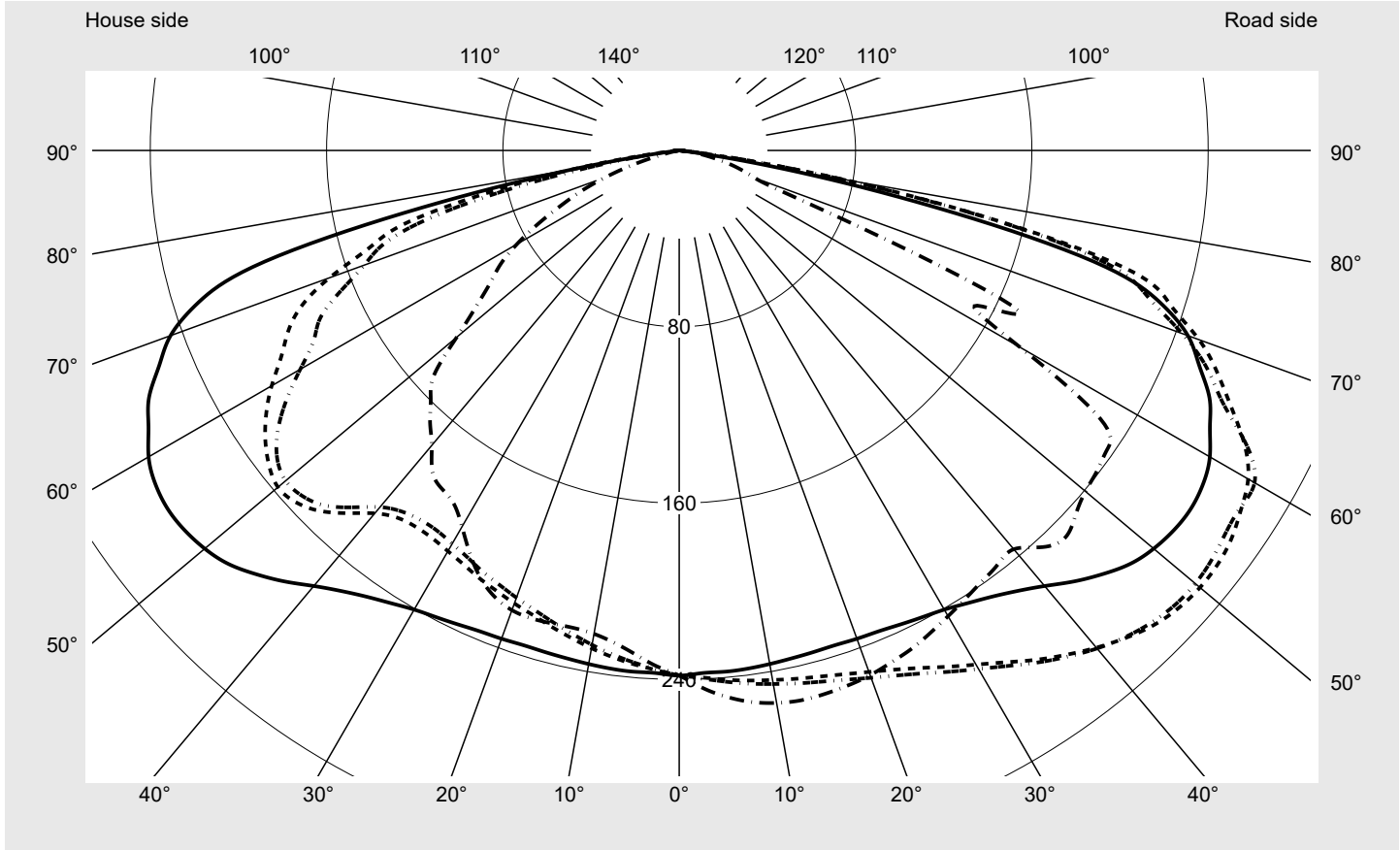


Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3V33T08NB EAN: 4069025151285	LP number 59540_131
	Version post-top or side-entry mounting, Smart Interface up/down Optic asymmetric, extremely wide distribution (P0.5a G) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear EVG-Smart Interface Rated values Net luminous flux = 22310 lm Power consumption = 151.2 W Luminous efficacy = 147.6 lm/W	serial documentation 18.01.2024

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Luminous intensity in cd/klm C180-0 C200-20 C205-25 C270-90 **Imax: 308 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:	G6
Imax 70°	256.5
Imax 80°	74.5
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

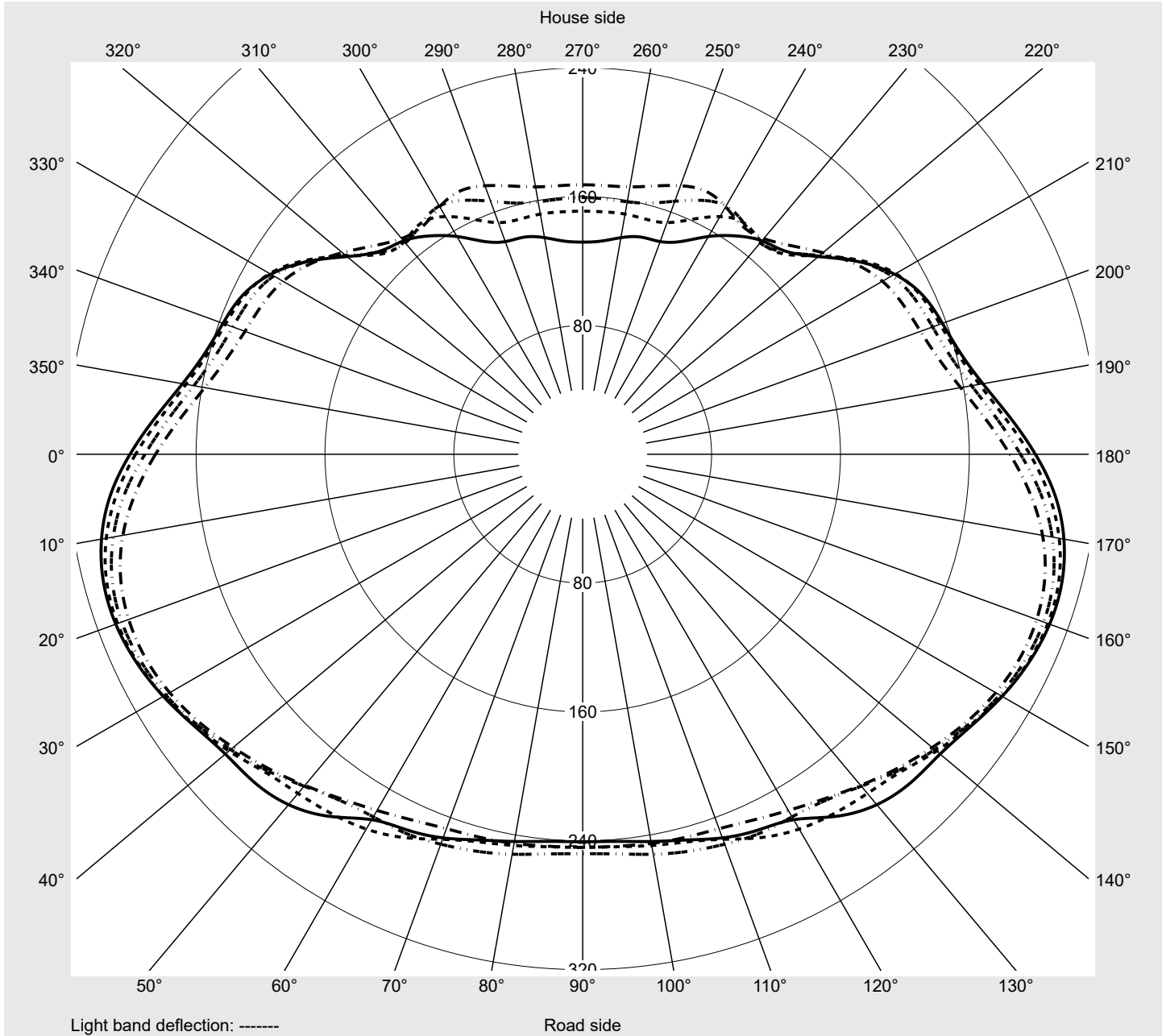
Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3V33T08NB EAN: 4069025151285	LP number 59540_131
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Envelope curve in cd/klm

KMK 50°
 KMK 47.5°
 KMK 45°
 KMK 42.5°

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Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3V33T08NB EAN: 4069025151285	LP number 59540_131
Table of values for luminous intensities		Maximum luminous intensity



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°	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2
2,5°	237.3	237.5	238.1	238.8	239.3	239.9	240.2	240.7	241.5	241.7	242.0	242.5	242.9
5,0°	237.4	238.0	238.8	239.9	241.0	241.9	242.7	243.5	244.6	245.2	245.8	246.5	247.1
7,5°	237.1	238.2	239.5	241.0	242.5	244.0	245.1	246.2	247.5	248.4	249.3	250.0	250.6
10,0°	236.6	238.2	239.9	241.9	243.9	245.8	247.4	248.6	250.0	251.1	252.0	252.6	253.2
12,5°	236.0	238.3	240.4	243.0	245.5	247.6	249.4	250.9	252.2	253.3	254.1	254.7	255.0
15,0°	235.6	238.5	241.1	244.2	247.1	249.5	251.5	253.1	254.1	255.1	255.8	256.2	256.2
17,5°	235.3	239.0	242.1	245.7	249.2	251.8	253.9	255.5	256.4	257.0	257.4	257.2	256.9
20,0°	235.7	240.1	243.9	248.0	251.8	254.6	256.7	258.1	258.5	258.7	258.6	258.0	257.4
22,5°	236.2	241.5	246.0	250.8	255.0	257.8	259.6	260.5	260.4	260.0	259.4	258.4	257.3
25,0°	237.3	243.5	248.9	254.5	259.0	261.8	262.9	262.9	262.2	261.3	260.2	258.6	257.0
27,5°	238.7	246.0	252.9	259.4	264.0	266.6	267.1	266.4	264.7	262.7	260.7	258.6	256.6
30,0°	240.5	249.4	257.8	264.7	269.3	271.6	271.4	269.9	267.6	264.6	261.5	258.8	256.5
32,5°	243.5	253.9	263.5	270.7	275.3	277.3	276.5	274.3	270.9	266.8	262.8	259.6	256.7
35,0°	247.2	259.5	270.1	277.6	282.1	283.6	282.1	279.0	274.6	269.3	264.8	260.4	256.5
37,5°	251.9	265.3	276.5	284.1	288.4	289.4	287.5	283.6	277.9	271.9	266.1	260.9	256.4
40,0°	257.9	272.0	283.3	290.8	294.5	294.9	292.3	287.5	280.9	274.1	267.3	261.3	255.9
42,5°	265.2	278.8	289.9	297.0	299.9	299.5	296.1	290.4	283.2	275.9	268.4	261.2	255.4
45,0°	271.8	285.6	295.9	302.4	304.5	303.0	298.9	292.4	285.3	277.6	269.0	262.5	260.0
47,5°	277.6	290.6	300.3	305.9	307.3	305.1	300.6	293.5	286.7	279.0	274.9	272.2	268.7
50,0°	281.0	294.4	303.3	308.0	308.5	305.7	300.6	294.3	289.6	288.2	284.0	274.4	262.0
52,5°	282.9	296.1	304.6	308.3	308.1	304.7	299.6	297.0	297.9	293.2	280.2	268.9	260.6
55,0°	283.4	296.4	304.5	307.4	306.1	302.7	301.1	302.7	299.0	287.3	277.3	263.0	250.2
57,5°	281.8	294.2	302.3	304.6	302.4	301.8	305.3	302.8	291.1	282.3	265.6	251.7	240.8
60,0°	278.0	289.6	297.4	299.9	298.1	301.4	306.7	298.1	285.4	267.5	252.7	240.4	231.1
62,5°	271.5	282.8	289.9	292.5	289.2	290.5	292.2	289.3	274.8	251.5	238.4	226.6	217.3
65,0°	265.5	275.5	281.2	283.0	276.6	272.6	272.7	269.1	253.6	232.0	217.9	208.5	203.1
67,5°	255.5	265.6	270.2	271.0	264.5	259.5	258.9	247.4	230.6	208.1	193.8	187.1	185.3
70,0°	245.6	253.4	256.5	255.8	251.0	242.8	232.3	218.1	200.6	183.2	168.1	164.4	158.1
72,5°	228.5	234.6	236.2	235.1	233.9	223.7	206.6	186.8	169.6	156.3	143.4	138.9	120.8
75,0°	194.7	195.1	199.0	209.9	213.2	203.6	180.2	156.3	139.6	128.8	118.9	109.7	86.9
77,5°	118.9	121.4	127.9	140.9	149.5	148.0	139.4	124.1	109.0	97.7	88.2	79.3	61.2
80,0°	48.4	49.8	59.9	70.1	74.5	72.8	73.8	68.2	62.2	64.4	61.2	53.2	40.3
82,5°	5.9	5.6	6.9	11.1	15.0	19.9	24.6	26.8	29.1	29.4	28.1	28.6	21.9
85,0°	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.8	5.0	6.4	7.9	7.6	6.5
87,5°	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	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

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3V33T08NB EAN: 4069025151285	LP number 59540_131
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°	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2
2,5°	243.1	243.3	243.5	243.7	244.0	244.1	237.0	236.3	236.1	236.0	235.7	235.4	235.1
5,0°	247.5	247.7	248.2	248.5	248.7	248.9	236.4	235.2	234.6	234.0	233.2	232.7	232.1
7,5°	251.1	251.3	251.7	252.1	252.3	252.4	235.6	234.0	232.8	231.8	230.6	229.8	228.8
10,0°	253.6	253.7	254.0	254.3	254.5	254.5	234.4	232.3	230.7	229.3	227.7	226.4	225.4
12,5°	255.2	255.1	255.2	255.4	255.5	255.5	233.2	230.5	228.3	226.5	224.5	223.1	222.0
15,0°	256.0	255.7	255.5	255.5	255.3	255.2	232.0	228.8	226.1	223.7	221.5	220.0	218.8
17,5°	256.4	255.7	255.2	254.9	254.6	254.5	231.1	227.2	224.0	221.0	218.5	216.8	215.8
20,0°	256.4	255.4	254.5	253.9	253.5	253.3	230.6	226.1	222.2	218.7	215.9	214.1	213.2
22,5°	256.1	254.8	253.4	252.3	251.7	251.4	230.4	225.2	220.5	216.3	213.3	211.4	210.7
25,0°	255.5	253.9	252.2	250.6	249.8	249.4	230.5	224.3	218.9	214.2	210.9	208.9	208.1
27,5°	254.6	252.6	250.7	248.6	247.2	246.8	230.6	223.7	217.2	211.8	208.1	206.1	205.4
30,0°	254.1	251.5	248.9	246.5	244.5	244.0	231.7	223.3	215.8	209.9	206.0	203.9	203.6
32,5°	253.8	250.5	247.2	244.2	242.0	241.4	233.2	223.4	215.0	208.6	204.5	202.8	202.8
35,0°	253.1	249.3	245.3	242.1	239.8	239.0	235.9	224.7	215.1	208.4	204.6	203.2	203.1
37,5°	252.2	248.0	243.9	240.6	237.9	237.1	239.1	226.9	216.7	210.0	206.5	204.9	203.8
40,0°	251.1	246.5	242.5	239.3	236.9	236.2	244.5	231.5	221.4	214.9	211.2	208.5	204.5
42,5°	250.6	247.4	246.2	245.4	244.3	244.1	251.0	238.3	228.9	223.2	219.6	214.8	206.2
45,0°	259.7	257.6	255.2	252.2	249.1	248.0	257.8	245.1	236.2	231.1	227.7	221.4	208.7
47,5°	262.6	254.5	249.2	246.7	244.6	244.1	262.9	250.1	241.1	236.1	232.0	224.4	210.0
50,0°	257.5	253.5	248.0	244.1	241.3	240.6	266.1	252.3	242.8	237.7	233.1	223.6	208.6
52,5°	251.2	244.9	242.1	240.7	239.3	238.9	266.9	251.8	241.0	234.6	229.9	219.4	203.8
55,0°	243.2	238.5	237.3	237.6	236.9	236.9	267.2	250.9	238.0	229.3	222.4	210.0	194.8
57,5°	234.8	231.1	231.4	231.5	228.4	226.6	265.9	248.8	234.0	222.2	211.5	194.5	178.5
60,0°	224.0	222.1	219.2	203.5	185.6	178.7	262.4	244.0	227.9	213.5	198.5	177.2	155.0
62,5°	211.1	203.0	179.8	157.1	151.1	152.4	255.7	235.9	219.2	203.8	187.0	161.9	138.0
65,0°	192.2	167.0	147.6	160.8	169.6	166.4	248.1	226.8	210.5	196.1	179.7	152.0	125.4
67,5°	160.4	132.9	139.7	112.6	79.6	70.0	238.5	217.0	201.7	186.0	166.0	137.5	102.2
70,0°	124.2	113.5	80.1	43.1	37.5	36.7	228.2	207.7	189.6	168.8	152.1	121.0	79.1
72,5°	94.2	70.4	34.4	31.3	30.3	30.0	213.8	196.5	166.3	147.8	140.2	97.8	60.8
75,0°	68.8	33.0	24.9	24.6	23.8	23.5	185.0	166.1	133.3	129.6	114.8	74.9	40.4
77,5°	42.1	18.9	17.8	17.5	16.7	16.4	125.5	104.8	84.8	89.9	72.8	40.0	22.4
80,0°	20.7	11.7	11.4	10.9	10.4	10.2	49.6	44.0	43.6	48.4	32.4	14.5	12.4
82,5°	9.2	6.5	6.2	6.1	5.7	5.6	6.8	6.4	10.9	13.5	8.3	5.6	5.7
85,0°	2.9	2.5	2.5	2.4	2.3	2.2	2.4	2.4	2.4	2.4	2.3	2.2	2.1
87,5°	0.9	0.8	0.9	0.8	0.8	0.8	1.3	1.3	1.3	1.3	1.3	1.3	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

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3V33T08NB EAN: 4069025151285	LP number 59540_131
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°	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	0.4	0.4
2,5°	234.8	234.7	234.6	234.3	234.3	234.4	234.5	234.3	234.3	234.2	234.2	2.8	3.2
5,0°	231.3	231.0	230.6	230.1	229.9	229.8	229.7	229.6	229.4	229.4	229.4	5.7	8.9
7,5°	227.9	227.2	226.7	226.2	225.8	225.7	225.5	225.3	225.2	225.3	225.3	8.5	17.4
10,0°	224.2	223.7	223.2	222.7	222.5	222.5	222.4	222.4	222.5	222.6	222.7	11.3	28.7
12,5°	220.9	220.4	220.2	220.2	220.3	220.5	220.8	221.1	221.4	221.7	221.9	14.1	42.8
15,0°	218.0	217.8	218.1	218.5	219.1	219.7	220.3	220.9	221.6	222.0	222.2	16.8	59.6
17,5°	215.5	215.7	216.3	217.2	218.2	219.2	220.1	221.0	221.9	222.4	222.6	19.5	79.1
20,0°	213.3	213.9	214.9	216.1	217.4	218.4	219.3	220.3	221.1	221.7	221.9	22.2	101.2
22,5°	211.0	211.7	213.0	214.3	215.5	216.4	217.1	217.7	218.3	218.9	219.1	24.7	125.9
25,0°	208.4	209.5	210.8	212.0	212.8	213.1	213.1	213.0	213.1	213.4	213.7	27.2	153.2
27,5°	206.1	207.2	208.3	208.7	208.3	207.6	206.7	206.2	205.8	205.7	205.9	29.6	182.8
30,0°	204.5	205.4	205.3	204.4	202.8	200.8	199.0	197.7	197.2	196.9	197.1	31.9	214.7
32,5°	203.4	203.2	201.5	198.8	195.6	192.4	190.2	189.2	189.2	189.8	190.2	34.2	248.8
35,0°	202.5	199.9	195.9	191.3	186.9	183.7	183.2	184.2	185.8	187.0	187.5	36.4	285.3
37,5°	200.6	195.5	189.2	183.4	179.5	178.6	181.2	183.8	184.5	184.1	183.9	38.8	324.0
40,0°	198.0	189.6	181.5	176.2	175.6	179.2	182.3	180.9	177.6	175.3	174.7	41.1	365.1
42,5°	194.7	183.2	174.9	172.9	177.5	180.3	177.4	172.5	168.6	167.4	167.3	43.5	408.6
45,0°	192.0	177.6	171.3	174.8	178.0	174.0	167.2	161.5	159.2	159.1	159.4	45.9	454.5
47,5°	191.5	176.0	172.4	175.1	170.4	161.0	153.1	151.1	151.4	151.1	150.9	47.9	502.4
50,0°	191.0	178.3	173.0	165.5	156.1	145.9	140.5	139.6	136.6	132.9	131.7	49.3	551.6
52,5°	188.5	178.4	165.3	151.1	137.1	128.7	128.3	125.6	119.8	116.5	116.0	50.0	601.7
55,0°	180.5	166.4	147.4	130.9	119.3	117.7	116.1	110.0	105.8	104.4	104.7	50.3	651.9
57,5°	160.7	141.9	126.3	112.6	107.9	108.0	101.5	97.5	96.5	95.8	96.2	49.8	701.7
60,0°	137.1	120.9	107.9	100.7	100.2	95.4	88.5	86.8	86.3	85.0	85.1	48.3	750.0
62,5°	120.2	105.6	96.5	93.8	89.2	80.7	76.1	75.2	74.5	72.5	72.3	46.0	796.0
65,0°	103.2	92.1	87.2	82.7	74.1	66.9	63.7	62.8	63.5	59.8	59.3	43.9	839.8
67,5°	79.9	73.1	69.4	64.1	58.1	54.4	51.9	51.9	53.0	49.0	48.0	39.6	879.5
70,0°	59.9	55.4	52.2	49.6	47.6	45.3	41.9	41.0	41.2	36.5	35.7	34.9	914.4
72,5°	44.5	42.2	40.2	39.5	38.4	35.2	31.1	29.9	28.7	24.4	23.5	30.4	944.8
75,0°	32.9	31.4	31.0	30.7	29.2	25.4	20.6	18.2	15.7	12.8	12.1	25.2	969.9
77,5°	22.0	21.6	20.9	19.9	17.6	14.7	11.7	9.7	7.7	5.2	5.0	17.3	987.2
80,0°	11.8	11.1	10.5	9.8	8.8	7.5	6.0	4.8	3.6	2.0	1.8	8.9	996.1
82,5°	5.5	5.1	4.9	4.6	4.3	3.7	3.0	2.4	1.8	1.1	1.0	2.9	999.0
85,0°	2.0	1.9	1.9	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.7	999.7
87,5°	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.6	0.6	0.6	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 midi LED	Order number: 5XE3V33T08NB EAN: 4069025151285	LP number 59540_131
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Dimming levels table	environmental temperature: 25°C	siteco
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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	22310	151.2	156.8	154.0
95	239	252	21223	142.3	147.4	144.9
90	224	249	20100	133.3	138.2	135.8
85	209	247	18955	124.5	128.9	126.7
80	195	244	17854	116.2	120.3	118.2
75	181	242	16724	107.9	111.7	109.8
70	168	239	15658	100.4	103.8	102.1
65	154	236	14494	92.2	95.5	93.8
60	141	232	13389	84.7	87.6	86.2
55	128	229	12268	77.3	79.9	78.6
50	115	225	11122	69.9	72.1	71.0
45	103	221	10049	63.0	65.1	64.0
40	91	216	8955	56.1	58.0	57.0
35	79	211	7848	49.3	50.9	50.1
30	67	205	6723	42.5	43.9	43.2
25	55	198	5580	35.7	36.8	36.2
20	43	189	4423	29.0	29.9	29.4
15	32	178	3345	22.8	23.4	23.1
12	25	169	2654	19.0	19.5	19.2

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	23070	153.0	158.6	155.8
95	239	252	21907	143.9	149.1	146.5
90	225	250	20793	135.6	140.4	138.0
85	210	247	19582	126.5	131.1	128.8
80	196	245	18425	118.2	122.4	120.3
75	183	242	17327	110.5	114.4	112.4
70	169	239	16131	102.3	105.8	104.0
65	156	236	15006	94.6	97.9	96.2
60	143	233	13860	87.0	90.0	88.5
55	130	229	12701	79.5	82.2	80.8
50	117	226	11522	71.9	74.4	73.2
45	105	222	10419	65.0	67.2	66.1
40	92	217	9204	57.5	59.4	58.4
35	80	212	8071	50.6	52.2	51.4
30	68	206	6923	43.7	45.1	44.4
25	56	199	5757	36.8	38.0	37.4
20	44	190	4580	30.0	30.9	30.4
15	33	179	3487	23.7	24.4	24.0
12	25	169	2686	19.3	19.8	19.6

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3V33T08NB EAN: 4069025151285	LP number 59540_131
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Dimming levels table	environmental temperature: 15°C	sITeco
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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	22720	152.1	157.7	154.9
95	239	252	21592	143.1	148.2	145.6
90	224	249	20432	134.0	139.0	136.5
85	210	247	19331	125.7	130.3	128.0
80	196	245	18201	117.5	121.7	119.6
75	182	242	17044	109.2	113.0	111.1
70	168	239	15870	101.0	104.5	102.8
65	155	236	14765	93.4	96.7	95.1
60	142	233	13638	85.8	88.8	87.3
55	129	229	12497	78.4	81.1	79.8
50	116	225	11333	70.8	73.2	72.0
45	104	221	10243	64.0	66.2	65.1
40	91	216	9042	56.5	58.4	57.4
35	79	211	7920	49.6	51.2	50.4
30	67	205	6782	42.8	44.2	43.5
25	56	199	5721	36.5	37.7	37.1
20	44	190	4554	29.8	30.6	30.2
15	32	178	3369	23.0	23.6	23.3
12	25	169	2673	19.1	19.7	19.4

Photometric test report

Family Streetlight 21 midi LED	Order number: 5XE3V33T08NB EAN: 4069025151285	LP number 59540_131
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Luminousfluxs table **siteco**

Temperature °C	Luminous flux lm	Power consumption W
25.0	22310.0	151.2
5.0	23070.0	153.0
15.0	22720.0	152.1