



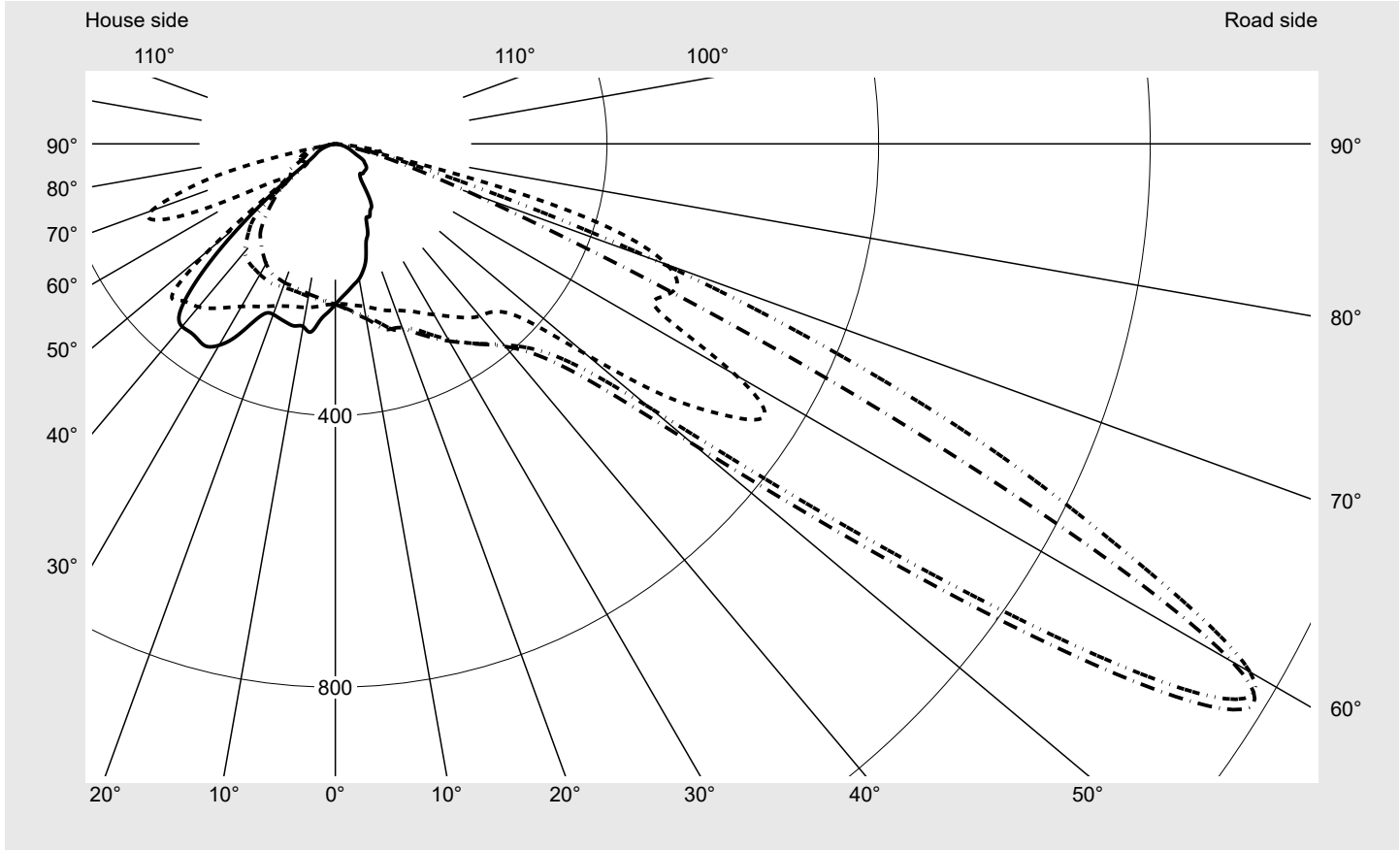
# Photometric test report

<b>Family</b> <b>Streetlight 21 midi easy LED</b>	<b>Order number: 5XE7F33A08MB</b> <b>EAN: 4058352731406</b>	<b>LP number</b> <b>59559_41</b>
	<b>Version</b> post-top or side-entry mounting <b>Optic</b> pedestrian crossing, asymmetric left distribution (PC-L) <b>Cover</b> toughened safety glass <b>Lamps</b> LED 3000 K   CRI ≥ 70 <b>Controlgear</b> ECG DIM <b>Rated values</b> Net luminous flux = 17390 lm Power consumption = 136.0 W Luminous efficacy = 127.9 lm/W	<b>serial documentation</b> <b>07.02.2024</b>





**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

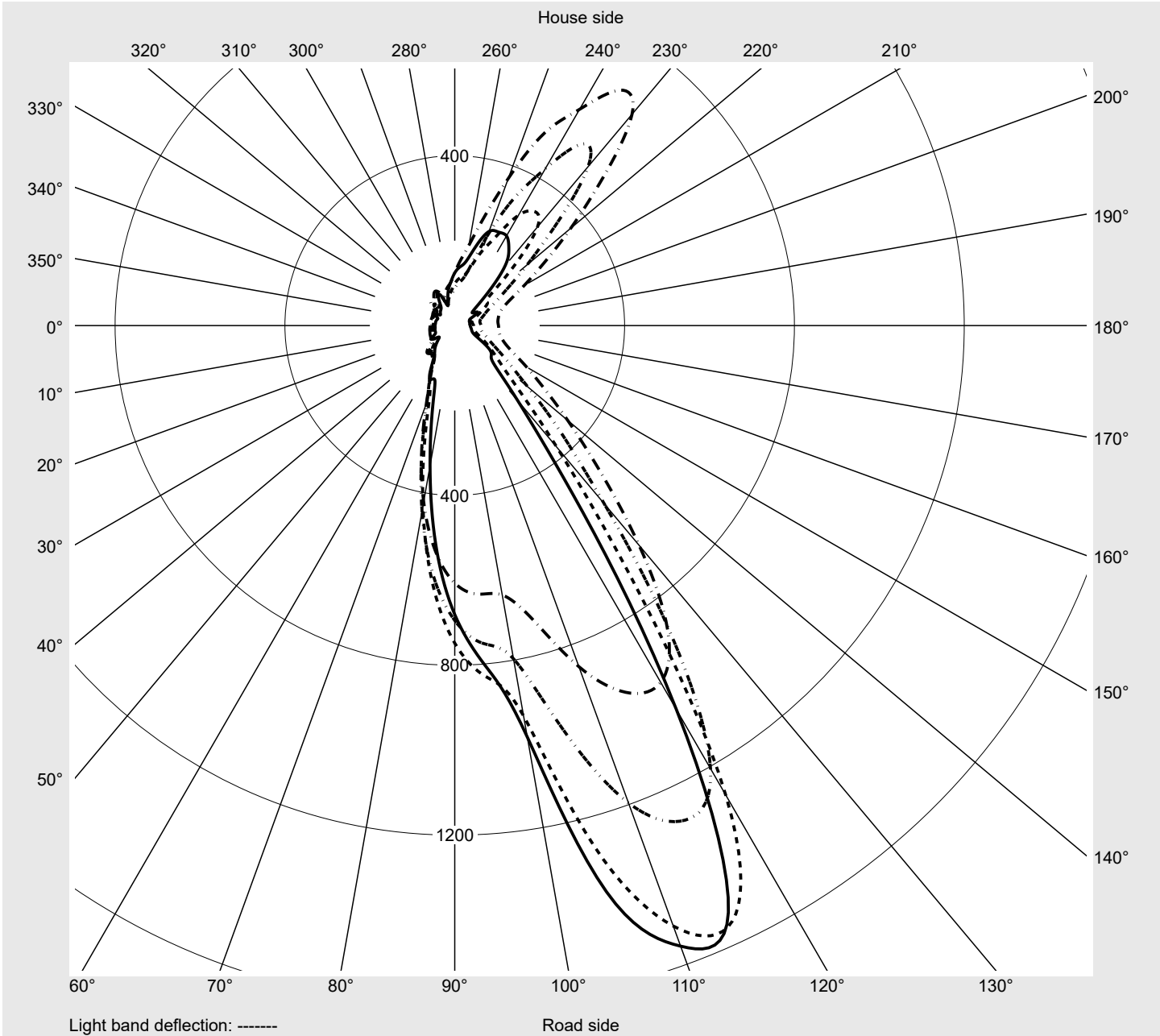
**Measurement conditions**

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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
$\gamma$	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

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
$\gamma$	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

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>

siteco

C-planes	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
$\gamma$	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

<b>Family</b> <b>Streetlight 21 midi easy LED</b>	<b>Order number: 5XE7F33A08MB</b> <b>EAN: 4058352731406</b>	<b>LP number</b> <b>59559_41</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
$\gamma$	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

<b>Family</b> <b>Streetlight 21 midi easy LED</b>	<b>Order number: 5XE7F33A08MB</b> <b>EAN: 4058352731406</b>	<b>LP number</b> <b>59559_41</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
$\gamma$	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

<b>Family</b> Streetlight 21 midi easy LED	<b>Order number: 5XE7F33A08MB</b> <b>EAN: 4058352731406</b>	<b>LP number</b> 59559_41
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
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C-planes	350°	355°	Phi-zone	Total Phi-zone
<b>Luminous intensity in cd/lm</b>				
<b>Luminous flux in lm/klm</b>				
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

<b>Family</b> Streetlight 21 midi easy LED	<b>Order number: 5XE7F33A08MB</b> <b>EAN: 4058352731406</b>	<b>LP number</b> 59559_41
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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	17390	136.0	142.3	139.2
95	93	16456	126.3	132.2	129.2
90	87	15627	118.2	123.6	120.9
85	81	14766	110.1	115.1	112.6
80	75	13871	102.0	106.7	104.4
75	70	13103	95.3	99.6	97.4
70	64	12161	87.4	91.2	89.3
65	59	11347	80.8	84.4	82.6
60	54	10509	74.2	77.5	75.8
55	49	9650	67.7	70.6	69.2
50	44	8769	61.2	63.8	62.5
45	39	7867	54.7	57.0	55.8
40	34	6938	48.4	50.4	49.4
34	29	5992	41.8	43.5	42.6
30	25	5219	36.7	38.2	37.4
25	21	4433	31.6	32.8	32.2
20	16	3428	25.3	26.2	25.8
15	12	2609	20.3	21.0	20.6
14	11	2402	19.0	19.6	19.3

### 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	17980	137.5	143.9	140.7
95	94	17123	129.0	135.1	132.0
90	88	16239	120.9	126.4	123.6
85	82	15329	112.7	118.0	115.4
80	76	14390	104.6	109.3	107.0
75	70	13427	96.5	100.9	98.7
70	65	12607	89.8	93.8	91.8
65	60	11763	83.2	86.8	85.0
60	54	10723	75.2	78.5	76.8
55	49	9836	68.6	71.6	70.1
50	44	8928	62.0	64.6	63.3
45	39	8002	55.5	57.8	56.6
40	35	7240	50.4	52.4	51.4
35	30	6277	43.7	45.5	44.6
31	26	5492	38.6	40.1	39.4
25	21	4493	32.0	33.3	32.6
20	17	3678	27.0	28.0	27.5
15	12	2640	20.6	21.3	21.0
14	11	2430	19.3	20.0	19.6

## Photometric test report

<b>Family</b> Streetlight 21 midi easy LED	<b>Order number: 5XE7F33A08MB</b> <b>EAN: 4058352731406</b>	<b>LP number</b> <b>59559_41</b>
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<b>Dimming levels table</b>	environmental temperature: 15°C	<b>sITeco</b>
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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	17710	136.7	143.1	139.9
95	94	16881	128.3	134.4	131.4
90	87	15880	118.9	124.3	121.6
85	81	14991	110.7	115.7	113.2
80	76	14225	103.9	108.6	106.2
75	70	13282	95.9	100.2	98.1
70	64	12315	88.0	91.8	89.9
65	59	11484	81.4	84.9	83.2
60	54	10628	74.7	78.0	76.4
55	49	9754	68.1	71.1	69.6
50	44	8859	61.6	64.2	62.9
45	39	7943	55.1	57.4	56.2
40	34	7002	48.7	50.7	49.7
35	30	6237	43.4	45.2	44.3
30	25	5262	36.9	38.5	37.7
25	21	4468	31.8	33.0	32.4
20	16	3454	25.5	26.4	26.0
15	12	2627	20.4	21.1	20.8
14	11	2419	19.2	19.8	19.5

**Photometric test report**

<b>Family</b> Streetlight 21 midi easy LED	<b>Order number: 5XE7F33A08MB</b> <b>EAN: 4058352731406</b>	<b>LP number</b> <b>59559_41</b>
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**Luminousfluxs table** **sITeco**

Temperature °C	Luminous flux lm	Power consumption W
25.0	17390.0	136.0
5.0	17980.0	137.5
15.0	17710.0	136.7