



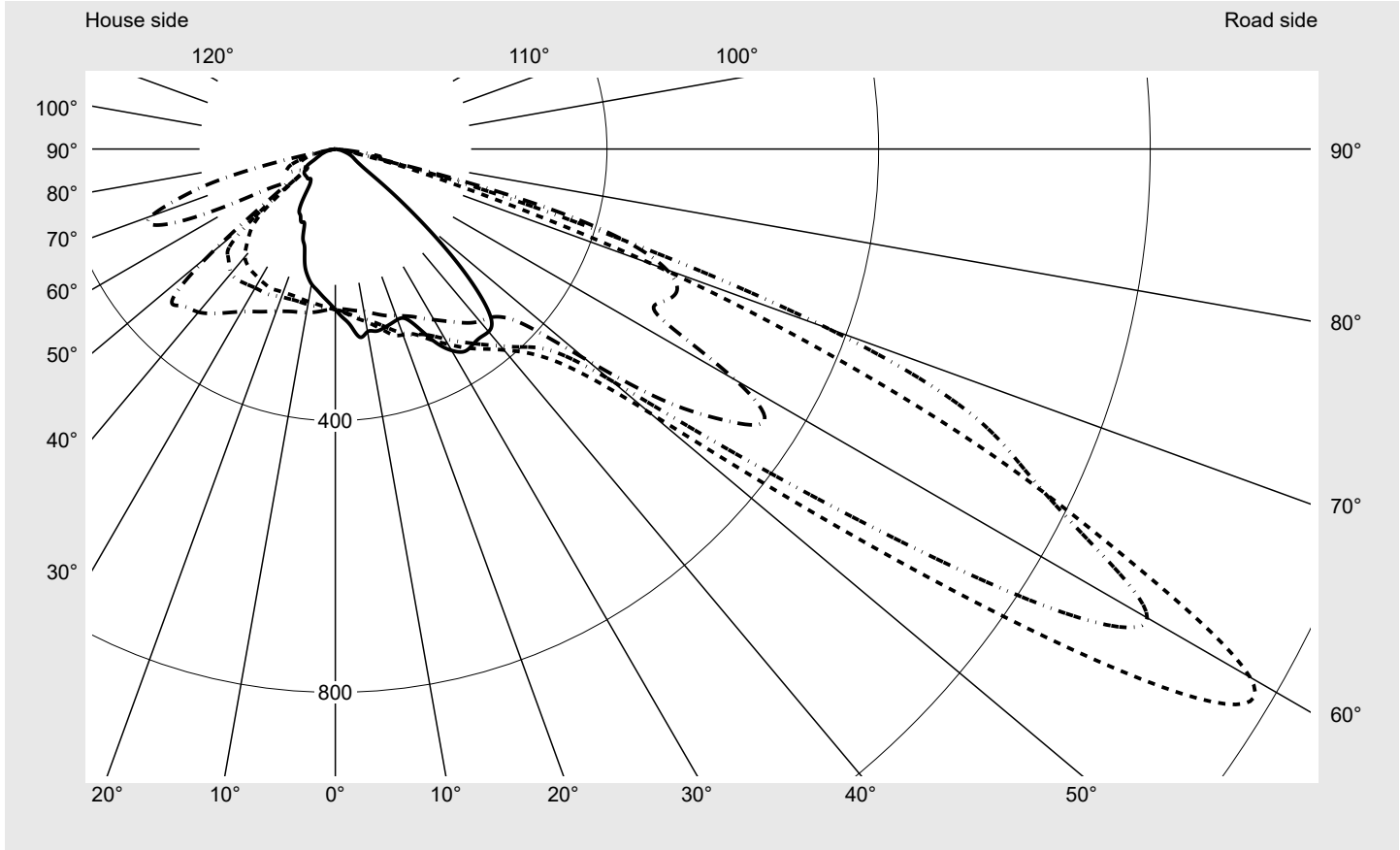
# Photometric test report

<b>Family</b> <b>Streetlight 21 midi LED</b>	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> <b>59560_50</b>
	<b>Version</b> post-top or side-entry mounting <b>Optic</b> pedestrian crossing, asymmetric right distribution (PC-R) <b>Cover</b> toughened safety glass <b>Lamps</b> LED 4000 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 19370 lm Power consumption = 146.7 W Luminous efficacy = 132 lm/W	<b>serial documentation</b> <b>07.02.2024</b>





**Luminous intensity in cd/klm** C180-0 C250-70 C255-75 C270-90 **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

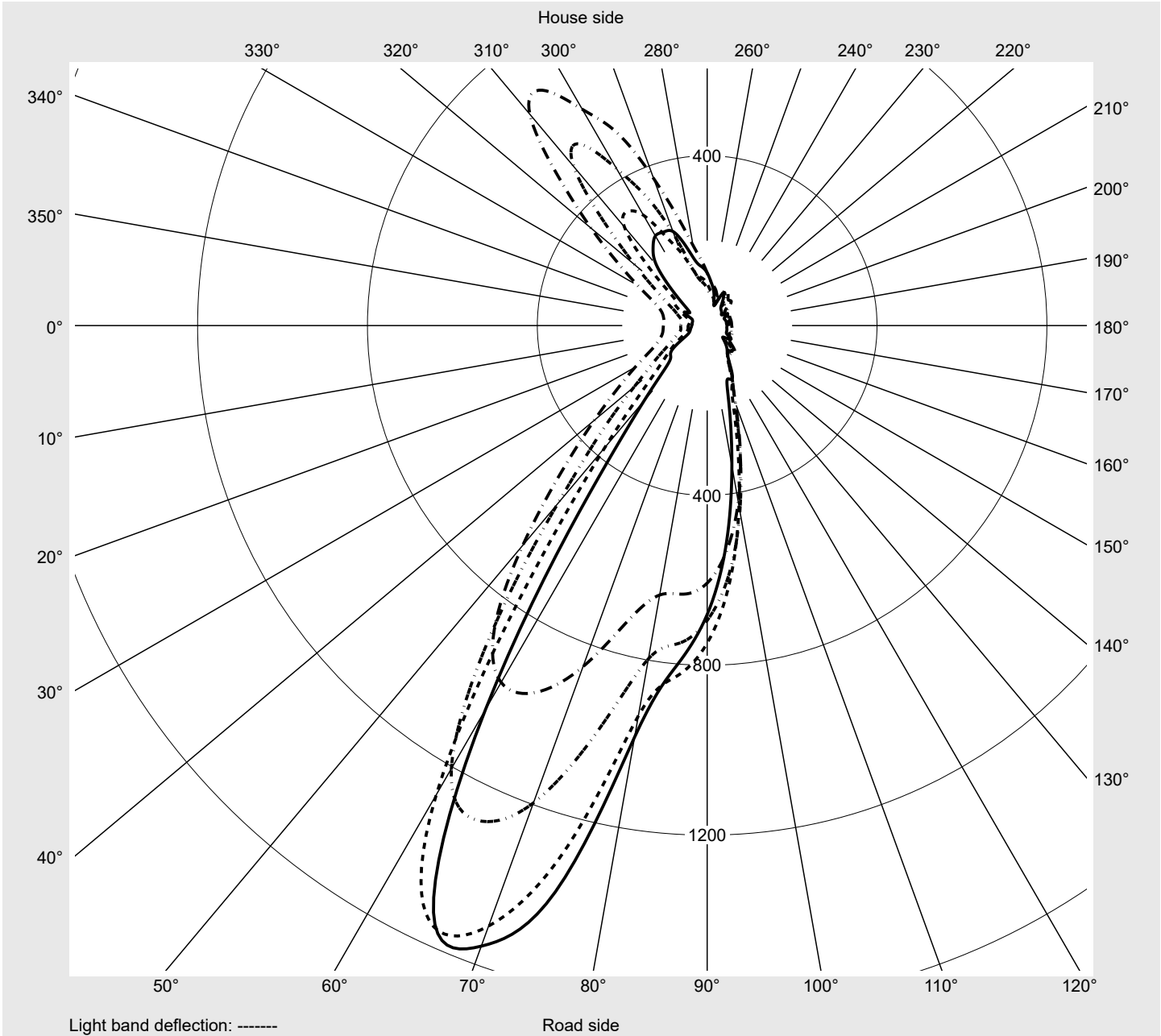
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Streetlight 21 midi LED	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> 59560_50
--	--	------------------------------

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



## Photometric test report

<b>Family</b> <b>Streetlight 21 midi LED</b>	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> <b>59560_50</b>
<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°	248.3	248.1	247.7	246.7	246.3	245.7	245.1	244.5	243.9	243.3	242.7	242.1	241.5	240.9
5,0°	261.3	260.9	259.9	258.7	257.7	256.5	255.5	254.1	252.9	251.7	250.5	249.1	248.1	246.9
7,5°	279.5	278.9	277.5	275.9	274.7	272.9	270.9	268.5	266.1	263.5	260.7	258.7	256.5	254.1
10,0°	273.1	272.3	271.1	270.7	270.9	271.9	273.9	276.5	278.1	277.3	273.9	269.7	265.7	261.5
12,5°	274.7	274.1	272.9	272.5	272.7	272.5	272.5	272.3	271.9	272.7	276.7	280.1	277.3	271.7
15,0°	273.1	272.5	271.7	271.9	272.9	273.5	274.7	275.5	276.3	276.5	275.5	276.3	281.9	282.7
17,5°	270.1	269.7	269.1	269.7	271.3	272.7	274.9	277.1	279.5	281.9	283.3	283.5	281.9	284.9
20,0°	267.3	266.9	266.5	267.5	269.3	271.7	274.5	277.9	281.9	286.3	289.9	292.3	292.1	288.5
22,5°	270.3	269.9	268.5	268.3	269.1	270.5	273.7	277.9	283.1	289.1	295.1	300.1	302.1	299.7
25,0°	291.5	289.9	286.1	281.9	277.7	275.5	275.7	278.9	283.9	290.9	299.3	307.7	312.1	311.5
27,5°	321.7	321.1	318.3	313.5	305.9	296.3	288.3	285.7	287.9	294.7	304.5	315.3	322.7	323.7
30,0°	342.4	342.4	342.6	341.8	337.7	330.3	318.7	305.5	299.3	302.5	311.3	322.5	332.3	335.3
32,5°	353.4	354.6	358.2	362.4	365.8	364.8	357.2	343.0	326.1	317.9	323.9	331.7	341.4	347.0
35,0°	352.0	353.0	357.6	366.6	379.6	392.8	396.6	388.0	370.6	350.0	340.6	343.4	352.8	359.6
37,5°	350.0	351.2	355.2	364.0	378.8	401.0	422.4	431.4	420.8	398.2	370.8	360.2	366.4	372.8
40,0°	351.0	352.6	358.0	368.4	386.2	410.0	437.0	462.8	472.2	456.6	424.0	393.0	386.8	389.6
42,5°	339.8	343.2	353.4	370.6	395.2	425.0	458.4	489.2	515.2	519.0	492.6	448.0	421.8	413.6
45,0°	296.5	300.3	312.1	332.3	364.4	408.2	460.0	509.2	548.6	579.9	573.9	532.2	482.8	453.8
47,5°	231.9	235.5	245.7	264.9	295.5	339.2	401.0	474.8	550.4	612.3	650.1	637.5	583.9	531.2
50,0°	161.1	163.3	169.5	183.1	207.3	246.7	301.7	376.4	483.4	586.5	703.7	767.3	748.7	688.3
52,5°	103.0	104.2	107.0	114.2	127.3	152.5	195.7	255.9	347.2	482.4	675.5	874.0	970.4	953.0
55,0°	62.2	62.4	63.6	70.0	80.4	94.8	119.5	158.5	224.3	349.2	547.8	889.0	1204.9	1285.0
57,5°	44.6	45.2	45.8	48.8	56.0	68.8	88.0	111.4	143.9	211.7	374.6	724.9	1276.0	1547.3
60,0°	36.4	37.4	39.4	41.2	44.2	51.8	72.6	101.8	112.2	134.5	230.9	484.8	1043.9	1524.9
62,5°	31.8	33.0	35.0	35.6	35.8	37.0	59.2	85.6	92.2	99.2	115.1	260.7	657.9	1153.3
65,0°	28.4	29.8	31.6	33.0	32.8	33.0	47.2	62.8	65.4	59.8	83.4	157.7	354.2	717.7
67,5°	24.6	26.2	28.0	29.8	31.0	31.4	40.6	46.4	40.6	44.8	64.6	113.8	187.7	391.6
70,0°	20.4	21.8	23.6	24.8	26.0	26.8	32.8	36.6	35.8	38.2	48.0	83.6	123.7	216.5
72,5°	15.6	16.8	17.6	18.6	20.2	21.4	25.2	26.8	28.2	38.0	37.4	49.4	80.8	122.7
75,0°	11.6	12.4	12.6	13.4	14.8	16.2	19.0	19.8	21.6	29.8	29.0	24.8	45.8	68.8
77,5°	8.8	9.6	9.4	9.8	10.4	12.0	13.8	13.8	16.8	21.8	19.8	16.4	19.2	27.4
80,0°	5.2	6.2	6.2	6.4	6.8	8.0	8.8	10.6	13.2	14.4	10.6	10.6	11.8	15.2
82,5°	2.6	3.2	3.4	3.6	4.4	4.4	5.2	6.2	7.4	6.2	5.8	6.4	7.2	8.6
85,0°	1.0	1.0	1.2	1.2	1.6	1.8	2.0	2.6	2.2	2.4	2.8	3.0	3.4	4.0
87,5°	0.4	0.4	0.4	0.4	0.6	0.6	0.8	0.8	1.0	1.0	1.0	1.2	1.2	1.4
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 LED</b>	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> <b>59560_50</b>
<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°	240.3	239.1	238.3	237.3	235.9	235.3	234.9	234.5	233.7	233.1	232.3	231.3	230.5	229.7
5,0°	245.7	244.3	242.1	240.1	237.7	236.1	234.9	233.5	231.5	229.5	227.7	225.9	224.3	222.7
7,5°	251.9	249.3	246.7	243.5	240.1	237.5	235.3	232.9	230.3	227.5	224.5	221.9	219.5	217.5
10,0°	257.9	254.3	250.9	247.3	242.9	239.3	236.1	232.7	228.7	224.7	220.9	217.9	215.5	213.1
12,5°	266.1	260.9	256.7	252.3	247.3	242.5	238.3	233.5	228.3	223.5	219.1	215.1	211.1	207.1
15,0°	276.5	269.3	263.3	257.9	252.5	246.9	241.5	235.3	229.1	223.3	218.1	211.9	206.9	201.9
17,5°	287.3	279.1	270.3	263.3	257.3	251.3	244.5	237.7	231.1	224.5	216.9	209.7	201.7	194.1
20,0°	291.1	288.5	277.7	268.1	260.9	254.7	246.9	239.3	232.1	224.3	215.3	204.7	194.5	184.5
22,5°	294.5	296.1	287.9	274.9	266.1	258.3	249.7	241.3	233.1	222.7	211.1	197.9	185.7	171.7
25,0°	305.3	301.1	298.9	284.5	272.5	263.1	253.3	244.1	233.9	221.3	205.3	190.1	173.7	158.7
27,5°	318.9	310.3	308.1	296.1	281.5	268.9	257.5	246.7	234.3	218.7	199.7	180.3	161.9	148.7
30,0°	331.9	322.7	315.1	307.5	290.3	275.1	261.5	248.5	233.1	213.5	191.7	169.5	152.7	138.1
32,5°	345.8	335.9	323.3	318.1	300.3	282.5	266.7	250.3	231.9	207.5	181.9	159.1	142.5	125.5
35,0°	358.8	349.0	334.1	326.9	311.3	290.7	271.1	251.1	227.7	198.5	169.5	147.5	130.7	118.5
37,5°	371.2	363.2	347.4	336.1	322.7	299.7	275.7	251.5	223.5	189.5	158.9	136.7	121.5	118.9
40,0°	386.2	378.4	362.0	345.8	330.9	305.9	277.7	248.9	216.3	178.1	147.1	128.3	117.7	116.7
42,5°	405.0	395.2	375.4	354.8	336.7	310.5	277.9	242.3	204.3	165.3	135.5	121.7	116.1	110.4
45,0°	432.8	412.8	389.6	370.0	350.4	322.3	282.5	236.3	189.1	149.3	121.9	115.3	112.0	106.2
47,5°	484.6	444.6	420.2	406.0	388.8	356.0	305.7	241.9	180.5	136.9	112.0	109.0	105.4	103.6
50,0°	604.1	529.8	500.8	498.2	482.4	435.4	361.2	269.9	183.7	130.1	106.0	100.4	96.6	99.0
52,5°	854.8	719.3	644.3	634.9	606.5	531.2	421.6	300.3	195.3	136.1	102.0	91.6	87.0	91.6
55,0°	1196.3	984.4	796.8	750.9	694.5	588.5	443.6	296.9	190.5	139.9	98.6	84.8	79.2	84.0
57,5°	1504.9	1269.4	933.4	829.2	747.9	606.9	431.4	269.9	171.3	140.7	101.2	82.6	76.6	74.2
60,0°	1555.3	1380.4	984.0	801.2	680.5	516.0	335.1	202.3	136.9	138.7	108.4	83.6	73.0	61.8
62,5°	1328.0	1252.8	899.8	663.1	541.4	403.6	239.9	138.5	101.2	125.5	111.8	84.4	64.4	52.8
65,0°	1069.7	1121.9	904.0	647.7	531.8	383.6	192.3	106.6	84.0	109.4	105.2	83.4	56.0	46.2
67,5°	779.7	1006.8	944.4	692.3	544.6	339.4	124.7	71.2	64.0	83.2	87.4	75.8	48.8	39.4
70,0°	501.4	771.1	818.0	668.3	519.2	258.5	70.2	49.6	46.0	57.2	68.0	61.8	41.0	32.2
72,5°	250.7	440.0	511.8	509.2	444.0	182.5	43.6	36.0	34.6	41.6	55.2	48.6	33.4	26.4
75,0°	117.7	196.7	230.9	295.9	278.7	108.2	27.2	22.4	25.6	30.8	42.6	37.0	24.8	20.4
77,5°	40.2	55.4	68.2	75.6	65.6	38.0	19.6	19.0	19.0	23.4	24.8	23.4	16.4	14.4
80,0°	19.4	24.2	44.8	67.6	65.6	33.0	16.6	17.6	12.4	15.2	12.2	10.2	9.2	8.2
82,5°	10.4	14.6	29.0	44.8	40.6	20.0	11.0	9.4	7.0	7.8	6.2	5.4	4.8	4.4
85,0°	4.8	7.0	8.6	8.2	6.8	5.6	4.6	4.2	3.6	3.0	2.6	2.2	2.2	2.0
87,5°	1.4	1.6	1.6	1.6	1.6	1.6	1.4	1.4	1.2	1.2	1.0	1.0	0.8	0.8
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 LED</b>	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> <b>59560_50</b>
<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°	228.7	228.3	228.1	227.7	227.7	227.5	227.1	227.1	225.9	227.7	227.5	227.3	227.7	227.9
5,0°	221.3	220.3	219.3	218.5	217.9	217.3	216.9	216.7	217.3	217.3	217.3	217.5	218.1	218.9
7,5°	215.7	214.5	213.3	212.1	210.9	209.9	209.3	208.9	209.1	209.5	209.9	210.3	211.1	212.1
10,0°	210.5	207.7	205.5	203.9	203.3	202.5	201.5	201.1	201.7	201.7	202.1	203.1	203.7	204.3
12,5°	204.7	202.3	199.1	196.9	195.3	193.1	191.9	190.9	190.3	191.1	191.9	193.3	195.5	197.5
15,0°	196.7	192.5	188.7	185.1	181.7	177.9	175.1	173.3	174.1	173.1	175.1	177.9	181.5	185.1
17,5°	186.9	179.9	172.5	166.1	160.7	156.7	154.1	152.7	150.7	152.7	153.7	156.1	159.9	165.5
20,0°	173.7	163.3	155.5	150.3	146.3	143.1	140.7	139.1	139.5	138.7	140.1	142.5	145.7	149.7
22,5°	159.5	150.9	143.7	137.7	131.5	125.7	121.9	120.3	118.7	120.3	121.5	124.7	130.3	136.1
25,0°	148.7	139.3	129.5	120.5	117.7	117.9	118.5	118.7	118.5	118.7	118.5	117.3	116.5	118.5
27,5°	137.5	123.7	117.7	118.3	118.5	116.1	114.0	112.6	111.0	112.2	113.2	114.8	116.5	116.3
30,0°	122.7	117.3	118.9	115.3	111.0	108.4	108.0	107.0	106.6	106.2	106.4	106.2	108.2	112.6
32,5°	117.7	118.3	113.6	108.4	106.8	104.8	101.2	96.4	90.8	95.8	100.2	102.8	103.2	104.4
35,0°	118.9	112.6	106.6	105.8	101.6	89.4	78.4	71.0	68.6	68.8	75.0	86.4	99.0	102.6
37,5°	114.2	106.6	106.0	101.6	85.8	74.0	67.0	62.4	59.8	60.8	64.0	69.4	80.4	97.6
40,0°	108.4	106.6	104.8	86.4	75.2	68.8	63.6	59.4	57.0	58.0	61.0	65.0	70.6	81.2
42,5°	107.4	109.6	93.2	79.0	73.4	69.0	65.0	61.6	59.4	60.2	62.4	64.8	67.4	71.8
45,0°	109.2	103.0	83.2	77.4	72.8	68.0	64.0	61.0	59.0	59.4	61.2	63.6	67.4	69.8
47,5°	107.6	86.2	77.4	73.0	68.6	65.0	62.4	60.2	58.8	58.8	59.8	61.0	63.4	66.6
50,0°	97.2	73.2	69.8	67.2	64.6	62.6	61.2	59.8	58.6	58.6	58.8	59.0	60.0	62.4
52,5°	80.8	65.4	64.4	62.8	61.8	60.6	59.8	58.8	57.8	57.6	57.6	57.2	57.0	57.6
55,0°	66.6	59.2	61.8	59.6	59.4	58.2	56.8	55.4	54.8	54.6	55.0	54.8	54.4	53.8
57,5°	57.2	53.2	63.0	58.4	55.8	53.8	52.6	51.4	50.8	50.4	50.6	50.6	49.6	51.2
60,0°	50.2	47.6	64.4	54.0	48.2	47.8	47.2	46.4	46.6	45.8	45.8	45.2	43.6	45.8
62,5°	45.2	43.0	58.0	48.6	40.4	39.6	38.6	37.8	36.0	37.2	37.4	36.8	36.2	38.4
65,0°	41.2	39.0	49.2	43.6	35.6	33.8	32.0	30.6	29.8	29.6	30.0	30.2	30.6	35.6
67,5°	36.8	34.6	40.4	40.0	33.0	29.4	27.8	26.6	25.0	25.6	25.8	26.2	27.2	33.6
70,0°	30.8	30.4	32.8	35.4	29.2	25.2	23.4	22.4	21.8	21.4	21.6	22.2	23.6	31.0
72,5°	24.8	24.6	26.6	29.8	25.2	21.0	19.2	18.6	17.6	17.8	17.4	18.0	20.0	26.0
75,0°	19.4	18.8	20.8	24.0	20.4	16.6	15.0	14.6	14.4	13.8	13.4	14.0	16.2	19.4
77,5°	13.8	13.8	14.6	17.8	16.2	12.6	11.0	10.8	9.8	10.0	9.8	10.2	11.8	13.6
80,0°	7.8	8.8	9.2	11.0	11.2	8.2	7.2	7.2	7.0	6.6	6.2	6.8	7.2	8.4
82,5°	4.2	4.2	4.8	6.4	5.2	4.4	4.4	4.4	4.0	4.0	3.6	3.4	3.2	4.0
85,0°	1.8	1.8	1.6	1.6	2.0	1.6	1.4	1.2	1.2	1.0	1.0	1.2	1.2	1.6
87,5°	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6
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 LED</b>	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> <b>59560_50</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°	228.1	228.5	229.1	229.7	230.7	231.3	231.9	232.7	233.3	234.5	235.1	236.1	236.9	237.7
5,0°	219.7	220.7	222.1	223.3	224.7	225.9	227.5	229.3	231.5	233.9	235.7	237.9	239.5	240.9
7,5°	213.3	214.7	216.1	217.5	219.5	221.9	224.3	226.7	229.5	233.1	236.7	240.1	242.3	244.5
10,0°	205.9	208.3	211.3	213.7	215.9	218.5	221.3	224.5	228.1	232.3	236.9	241.3	244.5	247.9
12,5°	199.5	202.9	205.3	207.3	211.1	215.1	218.5	221.9	226.3	231.3	236.9	242.3	246.1	250.7
15,0°	189.1	193.1	197.7	201.9	205.9	210.5	215.5	219.9	224.9	230.5	236.9	243.1	247.7	253.1
17,5°	172.5	179.5	186.1	193.1	199.3	206.3	212.5	218.5	224.3	230.9	238.5	245.3	250.5	257.1
20,0°	155.1	162.5	172.3	181.7	190.9	200.5	209.3	217.7	224.5	231.7	240.3	247.7	253.9	261.7
22,5°	142.3	148.7	156.3	167.7	180.7	192.7	205.1	215.7	225.1	233.7	243.3	251.3	258.9	268.9
25,0°	126.5	136.5	145.5	154.9	168.9	184.3	199.3	214.1	226.1	235.7	246.5	255.3	264.3	277.1
27,5°	114.8	119.5	132.7	144.7	156.3	174.3	192.1	209.3	224.1	235.9	248.1	258.5	269.7	285.1
30,0°	115.7	114.4	118.3	133.5	147.5	161.9	183.1	203.9	222.1	236.1	250.3	262.5	276.5	295.1
32,5°	109.6	115.7	114.6	120.3	136.5	151.1	172.5	196.3	219.5	237.5	253.1	267.5	285.1	304.7
35,0°	102.8	108.8	116.3	114.6	124.7	140.7	160.7	188.7	217.3	239.3	257.5	273.9	295.1	311.5
37,5°	103.0	102.6	110.6	114.9	115.7	129.7	150.3	180.1	213.5	240.7	262.3	280.5	305.1	318.5
40,0°	99.4	100.8	102.6	113.0	113.6	121.5	141.1	171.9	207.1	238.5	264.7	286.7	313.5	329.9
42,5°	84.4	100.0	95.8	105.0	112.8	117.1	129.5	157.5	193.9	231.5	263.9	291.3	318.3	338.9
45,0°	74.0	89.4	90.2	97.4	109.8	112.4	115.7	140.9	179.5	223.5	264.1	297.7	325.9	348.8
47,5°	69.4	74.4	87.4	91.8	102.0	106.0	104.6	124.1	162.3	209.7	253.9	292.5	323.7	353.2
50,0°	64.0	66.0	80.2	87.0	90.6	96.2	98.2	107.2	125.5	153.3	180.5	207.5	239.3	279.3
52,5°	59.2	60.0	65.4	80.2	78.2	86.0	93.0	86.0	73.4	82.8	93.2	103.2	124.1	154.1
55,0°	54.8	54.6	55.2	69.8	66.2	76.2	88.8	79.4	51.0	58.8	69.0	75.2	87.8	100.4
57,5°	53.8	47.4	49.6	57.8	57.0	66.2	83.8	82.6	50.6	59.2	73.2	83.8	98.4	110.8
60,0°	55.6	44.0	44.0	47.6	50.4	58.0	77.2	79.0	52.8	63.0	85.6	103.6	124.1	138.5
62,5°	51.8	41.2	39.2	41.0	44.2	50.4	63.0	64.6	54.8	72.0	107.6	147.3	183.5	204.5
65,0°	47.2	37.6	35.0	36.2	39.0	41.8	48.2	53.4	55.8	79.6	127.5	193.5	251.9	292.9
67,5°	39.4	32.0	31.2	31.6	33.4	32.8	38.6	48.0	55.6	76.6	127.9	207.9	291.5	359.6
70,0°	31.2	26.8	27.2	27.0	28.6	27.2	34.2	44.4	53.6	70.8	110.4	189.5	288.1	374.0
72,5°	23.6	22.0	22.8	22.0	24.0	23.6	31.2	40.6	47.8	58.0	82.6	147.9	240.5	309.1
75,0°	17.6	18.0	17.8	18.0	20.0	20.0	27.8	37.2	39.4	41.0	53.2	104.4	178.7	213.7
77,5°	12.6	13.4	13.0	13.4	14.6	14.8	19.4	23.8	27.0	24.2	26.2	49.0	84.0	97.2
80,0°	8.2	9.0	8.4	8.2	8.6	8.6	10.4	12.0	13.0	11.2	9.6	10.8	12.4	15.8
82,5°	4.8	5.0	4.6	4.4	4.4	4.6	5.2	5.8	6.2	5.8	5.0	4.2	3.4	5.2
85,0°	1.8	2.0	2.0	2.2	2.2	2.4	2.4	2.4	2.4	2.6	2.4	2.0	1.6	2.0
87,5°	0.6	0.8	1.0	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	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

<b>Family</b> <b>Streetlight 21 midi LED</b>	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> <b>59560_50</b>
---	--	-------------------------------------

**siteco**

Table of values for luminous intensities		Maximum luminous intensity													
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°	238.3	239.1	239.9	240.5	241.5	242.7	243.5	244.5	245.5	246.3	246.9	247.5	248.1	248.5	
5,0°	242.5	244.3	246.3	247.3	249.1	250.7	252.5	254.3	255.9	257.3	258.3	259.3	260.3	261.1	
7,5°	247.3	250.3	252.9	255.3	258.5	261.3	263.9	267.3	270.3	272.1	274.7	276.5	278.3	279.1	
10,0°	251.5	255.5	259.7	263.5	268.5	273.5	278.3	282.9	284.5	282.1	278.7	276.3	275.1	274.3	
12,5°	255.5	260.9	266.3	272.5	279.5	284.3	281.5	278.1	278.1	278.9	278.7	278.1	277.1	276.1	
15,0°	259.5	266.3	273.5	281.9	281.7	277.1	279.1	280.9	281.7	280.9	279.7	277.9	276.5	274.9	
17,5°	265.1	273.5	283.3	280.9	279.1	283.1	284.7	284.5	283.7	282.1	279.7	277.3	274.9	272.7	
20,0°	271.5	283.5	283.9	282.5	287.7	289.9	289.3	287.3	284.7	281.3	277.9	274.5	271.7	269.7	
22,5°	281.1	290.7	287.1	293.7	297.5	296.5	293.1	288.3	283.3	279.1	275.3	271.9	270.7	270.1	
25,0°	293.7	293.1	298.3	306.1	306.3	302.5	295.5	288.3	282.1	277.7	275.3	276.1	278.9	283.3	
27,5°	299.5	301.3	310.7	317.3	314.9	307.7	298.5	290.5	284.3	281.7	285.1	293.7	303.9	312.1	
30,0°	302.3	311.5	322.3	326.3	322.5	313.1	303.5	295.3	291.7	297.9	311.5	324.9	334.3	339.1	
32,5°	309.3	322.7	333.5	335.5	330.1	319.7	309.7	305.9	313.7	331.1	347.8	358.6	362.4	360.6	
35,0°	319.7	333.9	345.0	346.6	340.6	329.1	322.9	331.7	353.8	374.4	387.4	388.6	378.8	368.2	
37,5°	331.3	345.4	356.2	359.4	353.4	343.8	347.6	373.6	402.4	420.4	418.8	402.2	383.0	368.8	
40,0°	347.2	361.6	370.4	374.4	371.2	368.4	392.0	431.4	457.4	459.0	438.6	413.6	391.0	374.4	
42,5°	361.0	381.0	390.8	395.0	397.8	414.4	460.0	499.4	509.8	489.8	459.6	428.0	398.8	374.2	
45,0°	372.6	399.4	418.6	430.4	447.8	492.8	547.2	569.1	549.2	506.2	458.2	408.4	365.4	334.9	
47,5°	382.0	416.0	449.8	488.6	528.8	590.7	627.9	609.9	549.0	474.6	401.8	341.0	295.7	265.1	
50,0°	325.9	388.2	467.4	556.6	615.3	681.1	683.7	596.9	481.2	379.6	299.7	240.3	201.5	178.9	
52,5°	191.9	261.7	368.6	500.4	588.1	676.7	649.5	495.2	356.8	255.9	188.9	144.1	120.1	109.0	
55,0°	112.2	146.7	225.9	330.9	426.6	522.0	488.6	339.4	222.3	150.3	110.8	86.2	73.6	64.6	
57,5°	118.7	141.1	185.5	232.7	299.9	327.9	303.3	194.3	103.6	94.0	78.4	61.0	47.8	42.0	
60,0°	153.5	193.7	235.9	243.1	243.9	222.1	185.5	112.2	61.6	52.2	62.4	44.0	36.8	35.6	
62,5°	235.3	299.3	333.3	288.9	201.1	157.3	119.1	83.2	49.4	38.0	39.0	30.4	29.8	29.8	
65,0°	352.4	428.0	419.8	296.7	149.5	115.5	97.2	76.0	42.2	31.4	28.4	27.0	26.8	28.4	
67,5°	448.0	504.4	426.4	229.7	98.8	89.6	78.6	65.2	35.6	26.8	26.0	25.0	25.6	26.0	
70,0°	471.6	477.6	352.0	147.3	71.2	69.4	60.0	43.4	30.0	23.8	22.0	21.6	21.4	21.2	
72,5°	379.8	349.0	228.3	89.8	53.0	51.4	38.2	27.2	22.8	18.6	17.8	17.4	16.4	15.8	
75,0°	236.3	204.9	128.1	54.8	36.2	24.2	20.6	19.8	16.4	14.2	13.8	13.0	12.0	11.2	
77,5°	107.2	94.0	58.4	30.4	19.8	15.8	14.4	13.4	12.2	10.6	10.4	8.6	8.2	8.0	
80,0°	24.2	29.4	22.4	15.6	11.4	9.2	8.8	8.6	9.4	8.0	7.2	5.4	5.0	5.0	
82,5°	8.6	10.2	9.0	7.2	5.8	4.8	4.4	4.4	5.0	4.8	4.4	3.2	3.0	2.8	
85,0°	2.6	3.0	2.8	2.4	2.2	2.0	1.8	1.6	1.6	1.6	1.6	1.2	1.2	1.0	
87,5°	1.2	1.0	1.0	1.0	0.8	0.8	0.6	0.6	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> Streetlight 21 midi LED	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> 59560_50
--	--	------------------------------

**sITeco**

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

C-planes	350°	355°	Phi-zone	Total Phi-zone
<b>Luminous intensity in cd / Luminous flux in lm/klm</b>				
0,0°	236.4	236.4	0.4	0.4
2,5°	248.9	248.9	2.8	3.2
5,0°	261.9	262.1	5.7	8.9
7,5°	280.3	280.1	8.7	17.6
10,0°	274.3	273.7	11.5	29.1
12,5°	275.9	275.3	14.3	43.4
15,0°	274.1	273.3	17.0	60.4
17,5°	271.3	270.3	19.4	79.8
20,0°	268.1	267.3	21.8	101.6
22,5°	270.3	270.1	24.2	125.8
25,0°	287.7	290.3	26.8	152.6
27,5°	317.7	320.1	29.8	182.4
30,0°	340.8	341.2	33.1	215.5
32,5°	356.8	354.0	36.5	252.0
35,0°	359.4	353.8	39.7	291.6
37,5°	358.8	352.6	43.0	334.6
40,0°	362.6	354.0	46.8	381.4
42,5°	356.4	344.0	50.9	432.3
45,0°	314.3	300.5	54.2	486.5
47,5°	244.9	234.3	56.3	542.9
50,0°	166.9	161.5	56.6	599.5
52,5°	104.2	102.0	54.6	654.1
55,0°	60.2	60.4	52.6	706.7
57,5°	41.8	42.8	51.6	758.2
60,0°	35.8	35.4	48.4	806.6
62,5°	31.4	31.0	42.1	848.7
65,0°	28.4	28.0	38.6	887.3
67,5°	25.0	24.6	35.2	922.5
70,0°	21.0	20.6	29.7	952.2
72,5°	15.4	15.4	21.5	973.7
75,0°	10.8	11.2	13.5	987.2
77,5°	8.2	8.4	6.5	993.7
80,0°	5.2	5.2	3.5	997.2
82,5°	2.6	2.6	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 LED	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> 59560_50
--	--	------------------------------

<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	19370	146.7	161.2	154.0
95	241	252	18379	136.0	149.4	142.7
90	229	250	17464	126.7	139.1	132.9
85	216	248	16472	117.2	128.5	122.8
80	203	246	15481	108.0	118.4	113.2
75	190	243	14489	99.4	108.8	104.1
70	178	241	13574	91.7	100.3	96.0
65	165	238	12583	83.6	91.4	87.5
60	152	235	11591	75.9	82.9	79.4
55	140	232	10676	69.0	75.4	72.2
50	127	229	9685	61.9	67.4	64.6
45	114	225	8694	54.9	59.8	57.4
40	102	221	7779	48.5	53.0	50.8
35	89	216	6787	41.9	45.6	43.8
30	76	210	5796	35.4	38.6	37.0
25	63	203	4804	29.3	31.9	30.6
20	51	195	3889	23.9	25.8	24.8
15	38	184	2898	18.1	19.6	18.8
11	27	172	2059	13.4	14.4	13.9

<b>Dimming levels table</b>	environmental temperature: 5°C
-----------------------------	--------------------------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	19370	141.5	147.8	144.6
95	241	252	18378	131.8	137.5	134.6
90	229	250	17463	123.3	128.6	126.0
85	216	248	16471	114.4	119.3	116.8
80	203	246	15480	105.9	110.3	108.1
75	191	244	14565	98.3	102.3	100.3
70	178	241	13574	90.3	94.1	92.2
65	165	238	12582	82.6	86.0	84.3
60	152	235	11591	75.1	78.2	76.6
55	140	232	10676	68.5	71.3	69.9
50	127	229	9685	61.5	63.9	62.7
45	114	225	8693	54.6	56.8	55.7
40	102	221	7778	48.3	50.3	49.3
35	89	216	6787	41.8	43.5	42.6
30	76	210	5796	35.4	36.9	36.2
25	64	204	4880	29.8	30.9	30.4
20	51	195	3889	24.0	24.8	24.4
15	38	184	2898	18.2	18.9	18.5
11	27	172	2059	13.5	13.9	13.7

## Photometric test report

<b>Family</b> Streetlight 21 midi LED	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> 59560_50
--	--	------------------------------

<b>Dimming levels table</b>	environmental temperature: 15°C	<b>siteco</b>
-----------------------------	---------------------------------	---------------

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	19370	143.7	152.2	148.0
95	241	252	18378	133.6	141.4	137.5
90	229	250	17463	124.8	132.0	128.4
85	216	248	16472	115.6	122.2	118.9
80	203	246	15480	106.8	112.8	109.8
75	191	244	14565	99.0	104.6	101.8
70	178	241	13574	90.9	95.9	93.4
65	165	238	12583	83.0	87.7	85.4
60	152	235	11591	75.4	79.6	77.5
55	140	232	10676	68.6	72.4	70.5
50	127	229	9685	61.5	64.9	63.2
45	114	225	8693	54.7	57.6	56.2
40	102	221	7778	48.4	51.1	49.8
35	89	216	6787	41.8	44.0	42.9
30	76	210	5796	35.5	37.3	36.4
25	64	204	4881	29.7	31.3	30.5
20	51	195	3889	23.9	25.0	24.4
15	38	184	2898	18.1	19.0	18.6
11	27	172	2059	13.4	14.0	13.7

**Photometric test report**

<b>Family</b> Streetlight 21 midi LED	<b>Order number: 5XE3G41G08MB</b> <b>EAN: 4058352729427</b>	<b>LP number</b> <b>59560_50</b>
--	--	-------------------------------------

<b>Luminousfluxs table</b>	<b>siteco</b>
----------------------------	---------------

Temperature °C	Luminous flux lm	Power consumption W
25.0	19370.0	146.7
5.0	19370.0	141.5
15.0	19370.0	143.7