

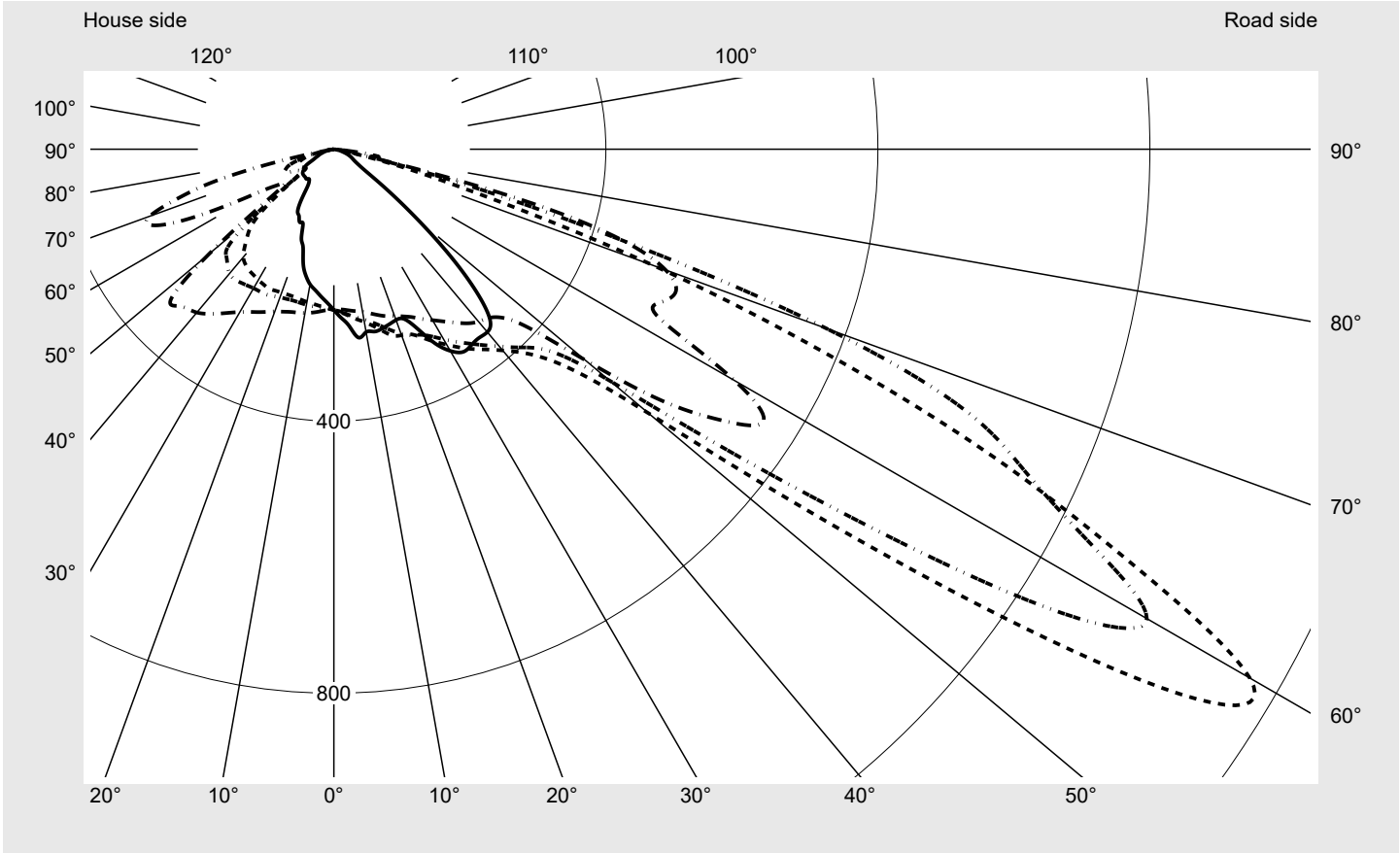


# Photometric test report

<b>Family</b> <b>Streetlight 21 midi LED</b>	<b>Order number: 5XE3G33S08MB</b> <b>EAN: 4058352729373</b>	<b>LP number</b> <b>59560_36</b>
	<b>Version</b> post-top or side-entry mounting, Smart Interface up	<b>serial documentation</b> <b>07.02.2024</b>
	<b>Optic</b> pedestrian crossing, asymmetric right distribution (PC-R)	
	<b>Cover</b> toughened safety glass	
	<b>Lamps</b> LED 3000 K   CRI ≥ 70	
	<b>Controlgear</b> EVG-Smart Interface	
<b>Rated values</b> Net luminous flux = 17390 lm Power consumption = 136.0 W Luminous efficacy = 127.9 lm/W		

**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%

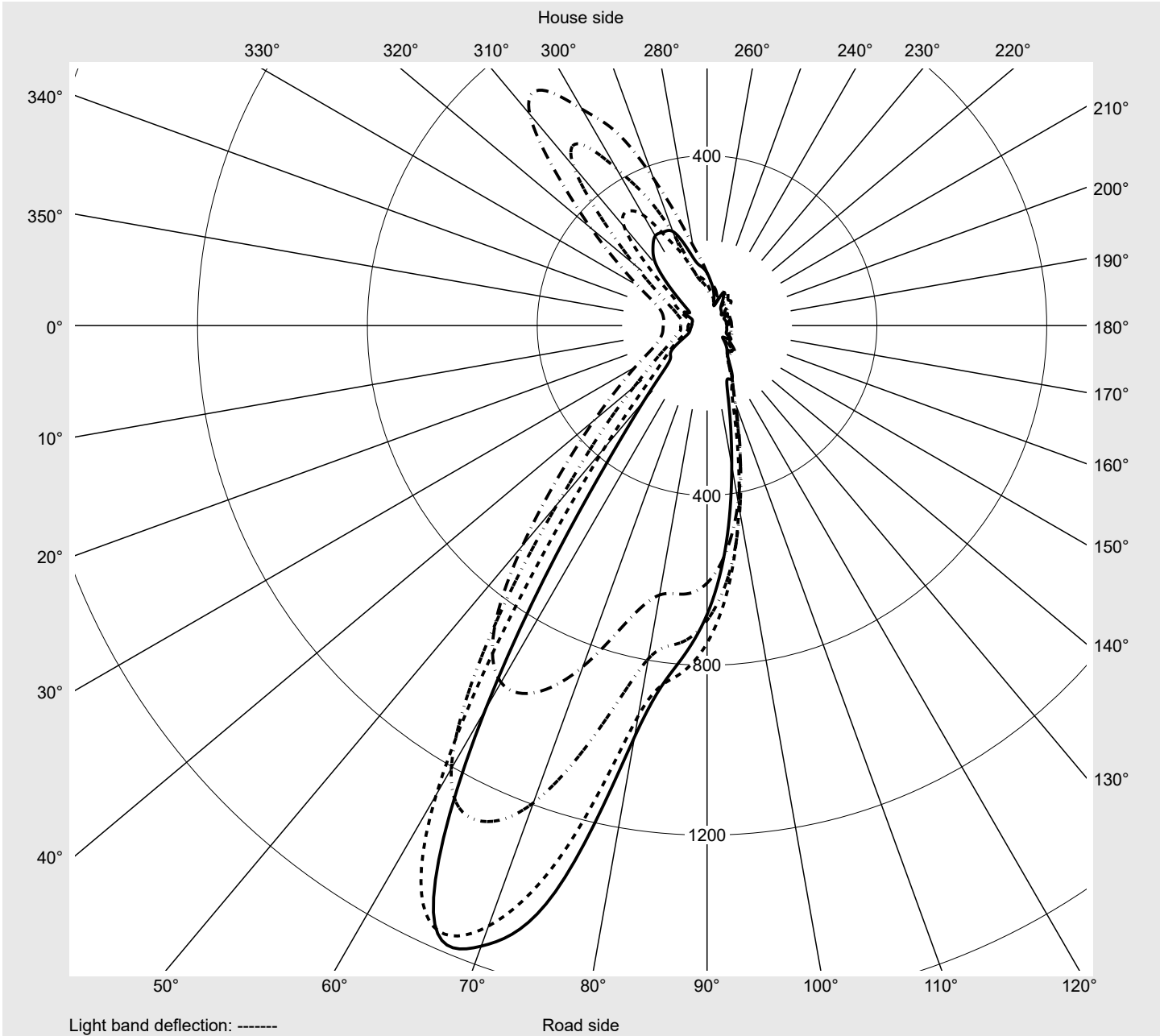
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	818.0
Imax 80°	67.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

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



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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°	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

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**siteco**

Table of values for luminous intensities		Maximum luminous intensity													
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	

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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°	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: 5XE3G33S08MB</b> <b>EAN: 4058352729373</b>	<b>LP number</b> <b>59560_36</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>

siteco

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: 5XE3G33S08MB</b> <b>EAN: 4058352729373</b>	<b>LP number</b> <b>59560_36</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>

siteco

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: 5XE3G33S08MB</b> <b>EAN: 4058352729373</b>	<b>LP number</b> 59560_36
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**siteco**

### Table of values for luminous intensities Maximum luminous intensity

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: 5XE3G33S08MB</b> <b>EAN: 4058352729373</b>	<b>LP number</b> 59560_36
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	17390	136.0	142.3	139.2
95	237	251	16498	126.7	132.6	129.6
90	221	249	15628	118.2	123.6	120.9
85	206	246	14781	110.2	115.3	112.8
80	191	244	13901	102.3	106.9	104.6
75	177	241	13055	94.9	99.2	97.1
70	163	238	12189	87.7	91.5	89.6
65	149	234	11290	80.3	83.9	82.1
60	136	231	10431	73.7	76.8	75.2
55	123	227	9549	67.0	69.8	68.4
50	111	224	8716	60.8	63.4	62.1
45	98	219	7791	54.2	56.5	55.4
40	87	215	6985	48.7	50.7	49.7
35	75	209	6092	42.5	44.2	43.4
30	63	203	5180	36.5	37.9	37.2
25	52	196	4328	30.9	32.1	31.5
20	41	187	3457	25.5	26.4	26.0
15	30	176	2570	20.0	20.7	20.4
13	27	172	2325	18.5	19.1	18.8

<b>Dimming levels table</b>	environmental temperature: 5°C
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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	17980	137.5	143.9	140.7
95	238	252	17079	128.6	134.7	131.6
90	223	249	16209	120.6	126.1	123.4
85	208	247	15312	112.6	117.8	115.2
80	193	244	14388	104.6	109.3	107.0
75	179	241	13503	97.2	101.5	99.4
70	165	238	12601	89.8	93.7	91.8
65	151	235	11669	82.4	86.1	84.2
60	138	232	10781	75.6	79.0	77.3
55	125	228	9875	68.9	71.9	70.4
50	113	224	9017	62.7	65.3	64.0
45	100	220	8071	56.0	58.3	57.2
40	88	215	7173	49.9	51.9	50.9
35	76	210	6262	43.6	45.4	44.5
30	65	204	5411	38.0	39.5	38.8
25	53	197	4466	31.9	33.1	32.5
20	42	188	3583	26.4	27.4	26.9
15	31	177	2683	20.9	21.5	21.2
13	27	172	2353	18.8	19.5	19.2

## Photometric test report

<b>Family</b> Streetlight 21 midi LED	<b>Order number: 5XE3G33S08MB</b> <b>EAN: 4058352729373</b>	<b>LP number</b> 59560_36
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<b>Dimming levels table</b>	environmental temperature: 15°C	<b>siteco</b>
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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	17710	136.7	143.1	139.9
95	238	252	16838	127.9	133.9	130.9
90	222	249	15938	119.4	124.9	122.2
85	207	247	15065	111.3	116.5	113.9
80	192	244	14161	103.4	108.1	105.8
75	178	241	13294	96.0	100.3	98.2
70	164	238	12408	88.7	92.6	90.6
65	150	235	11494	81.4	85.0	83.2
60	137	231	10618	74.6	77.9	76.2
55	124	228	9722	67.9	70.8	69.4
50	112	224	8876	61.7	64.4	63.0
45	99	219	7939	55.1	57.4	56.2
40	87	215	7050	49.0	51.0	50.0
35	76	210	6221	43.3	45.1	44.2
30	64	204	5301	37.2	38.7	38.0
25	53	197	4441	31.7	32.9	32.3
20	42	188	3565	26.2	27.1	26.6
15	31	177	2669	20.7	21.3	21.0
13	27	172	2341	18.7	19.3	19.0

**Photometric test report**

<b>Family</b> Streetlight 21 midi LED	<b>Order number: 5XE3G33S08MB</b> <b>EAN: 4058352729373</b>	<b>LP number</b> 59560_36
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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