

Lichttechnischer Prüfbefund

Familie
Streetlight 21 midi LED

Bestell-Nr.: 5XE3G41G08MB
EAN: 4058352729427

LP-Nummer
59560_50



Ausführung Mastansatz- / Mastaufsatzmontage
Optik Fußgängerüberweg, asymmetrisch rechts strahlend (PC-R)
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 19370 lm
 Systemleistung = 146.7 W
 Lichtausbeute = 132 lm/W

Seriendokumentation
07.02.2024

siteco

Lichtstärke in cd/klm

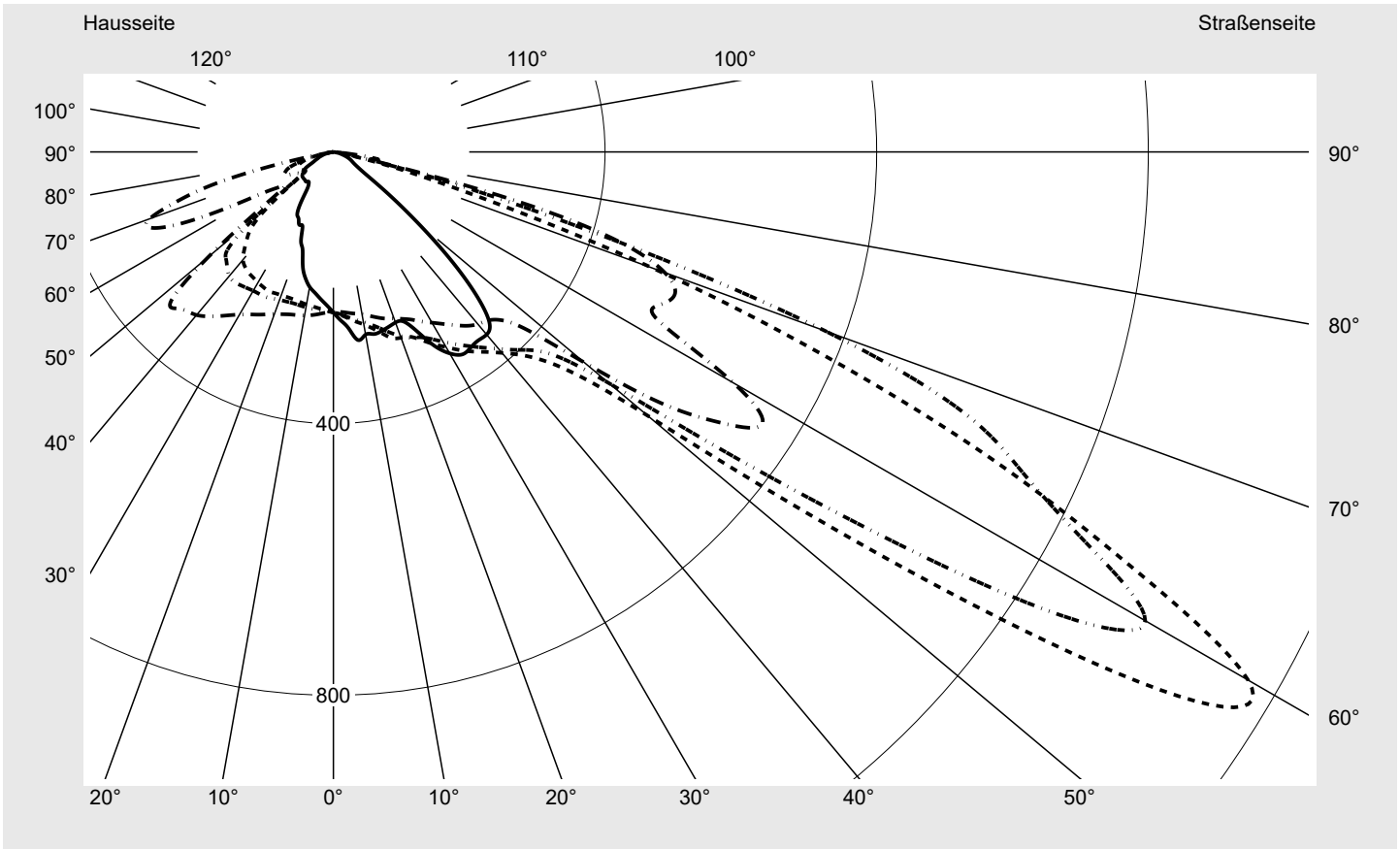
C180-0

C250-70

C255-75

C270-90

Imax: 1555 cd/klm



Leuchtenbetriebswirkungsgrade

Eta 100.0%
 Eta 0° - 90° 100.0%
 Eta 90° - 180° 0.0%

Lichtstärkeklasse nach EN13201-2

Klasse: G3
 Imax 70° 818.0
 Imax 80° 67.6
 Imax 90° 0.0
 Imax >90° 0.0
 Imax >95° 0.0

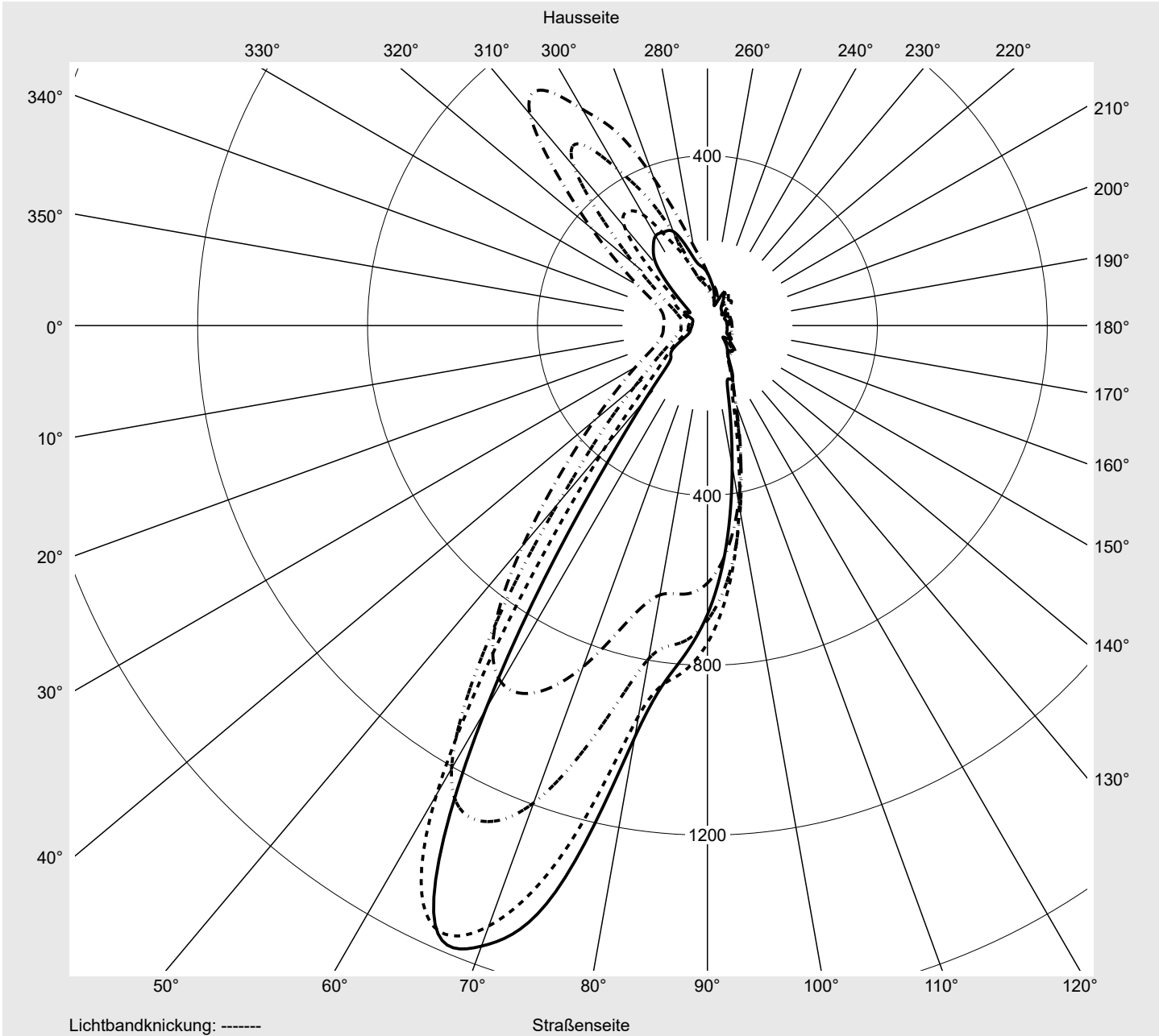
Messbedingungen

DIN EN 13032 und DIN 5032

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Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3G41G08MB EAN: 4058352729427	LP-Nummer 59560_50
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Kegelmantelkurven in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



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Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3G41G08MB EAN: 4058352729427	LP-Nummer 59560_50
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
γ	Lichtstärke 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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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

C- Ebenen	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
γ	Lichtstärke 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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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
γ	Lichtstärke 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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

C- Ebenen	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
γ	Lichtstärke 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

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3G41G08MB EAN: 4058352729427	LP-Nummer 59560_50
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
γ	Lichtstärke 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

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3G41G08MB EAN: 4058352729427	LP-Nummer 59560_50
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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C- Ebenen	350°	355°	Phi-Zone	Summe Phi-Zone
γ Lichtstärke in cd/klm Lichtstrom in lm/klm				
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

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3G41G08MB EAN: 4058352729427	LP-Nummer 59560_50
Dimmstufen-Tabelle		siteco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
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

Dimmstufen-Tabelle	Umgebungstemperatur: 5°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
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

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3G41G08MB EAN: 4058352729427	LP-Nummer 59560_50
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Dimmstufen-Tabelle	Umgebungstemperatur: 15°C	siteco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
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

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3G41G08MB EAN: 4058352729427	LP-Nummer 59560_50
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Lichtstrom-Tabelle	siteco
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Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	19370.0	146.7
5.0	19370.0	141.5
15.0	19370.0	143.7