

Lichttechnischer Prüfbefund

Familie
Streetlight 31 midi

Bestell-Nr.: 5XF3E42N08MA
EAN: 4058352468173

LP-Nummer
59127_19



Ausführung Mastansatz- / Mastaufsatzmontage, Smart Interface NEMA oben
Optik asymmetrisch, breit strahlend (ST1.0a)
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG-DALI Plus
Bemessungswerte Nettolichtstrom = 18000 lm
Systemleistung = 120.0 W
Lichtausbeute = 150 lm/W

Seriendokumentation
19.04.2021

siteco

Lichtstärke in cd/klm

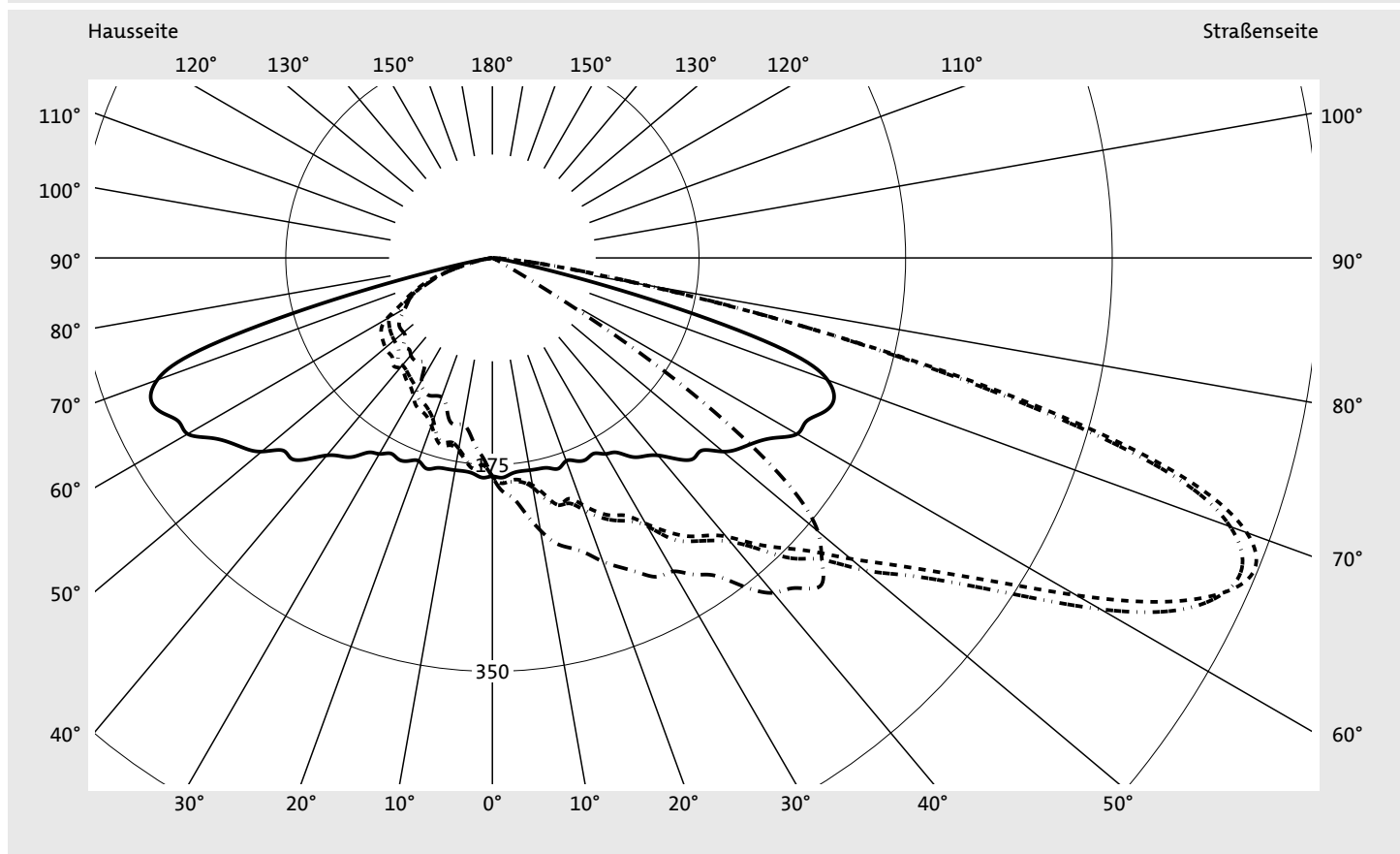
C180-0

C200-20

C202,5-22,5

C270-90

Imax: 697 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	680.0
Imax 80°	130.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Messbedingungen

DIN EN 13032 und DIN 5032

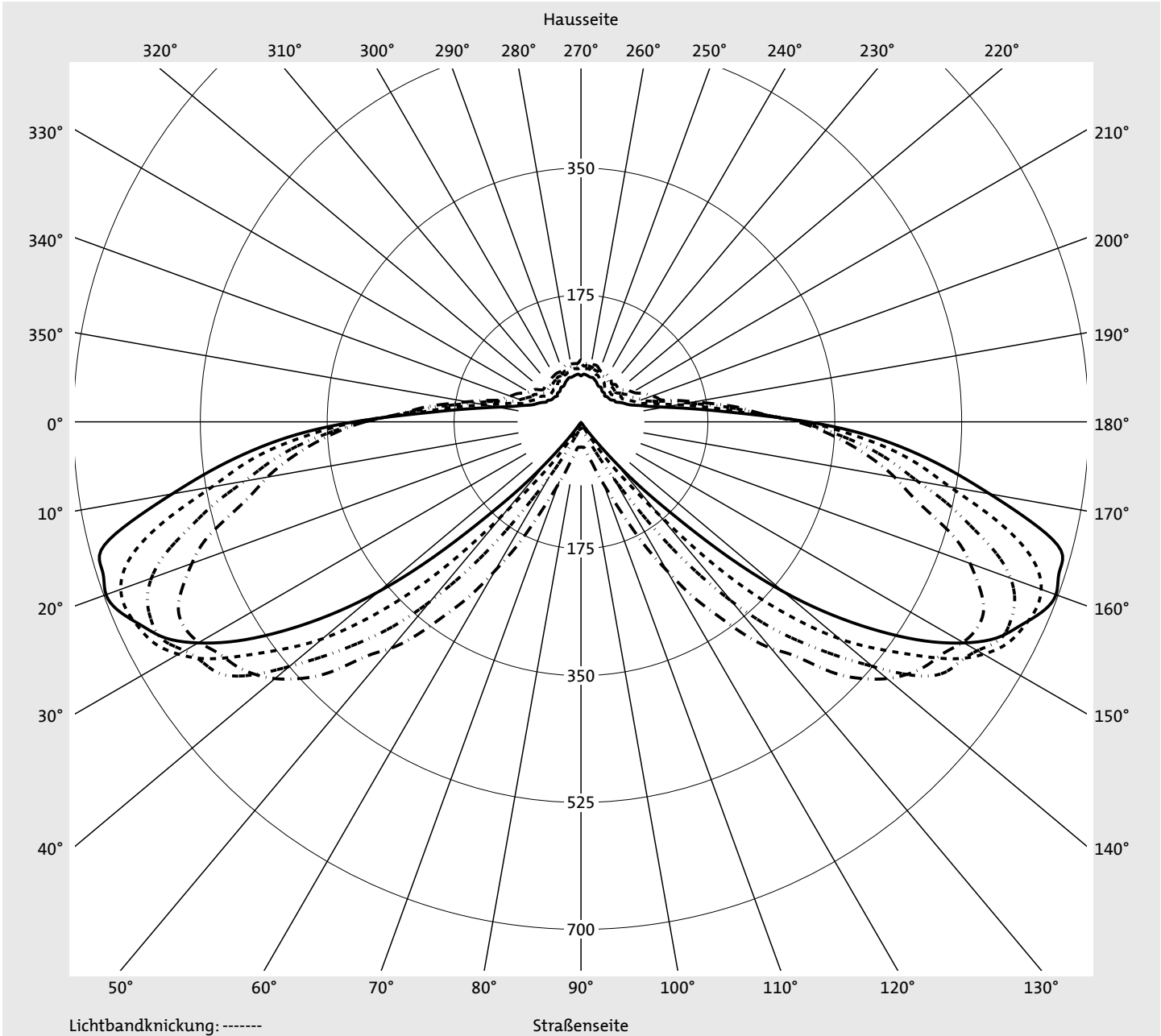
Lichttechnischer Prüfbefund

Familie Streetlight 31 midi	Bestell-Nr.: 5XF3E42N08MA EAN: 4058352468173	LP-Nummer 59127_19
---------------------------------------	---------------------------------------------------------------	------------------------------



Kegelmantelkurven in cd/klm

KMK 67.5° **KMK 65°** **KMK 62.5°** **KMK 60°**



Lichttechnischer Prüfbefund

Familie Streetlight 31 midi	Bestell-Nr.: 5XF3E42N08MA EAN: 4058352468173	LP-Nummer 59127_19
---------------------------------------	---------------------------------------------------------------	------------------------------

siteco

Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C- Ebenen	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Lichtstärke in cd/klm														
0,0°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9
2,5°	186.2	187.4	188.5	189.1	189.0	188.5	189.3	190.5	191.0	190.1	189.6	190.9	192.9	192.3	192.6
5,0°	183.4	184.0	183.6	184.1	185.5	187.0	187.6	188.7	188.9	190.2	191.8	192.3	193.5	194.7	195.9
7,5°	182.1	182.2	182.5	184.3	186.9	188.9	189.7	189.7	190.0	191.4	193.3	194.0	194.4	196.8	198.4
10,0°	182.5	183.1	184.6	186.8	189.2	190.9	192.2	193.7	195.3	197.4	199.7	201.1	202.0	203.2	205.8
12,5°	182.8	185.3	188.8	190.8	191.8	193.7	196.3	201.7	205.4	209.3	212.9	214.2	216.5	215.0	218.6
15,0°	184.1	185.9	190.7	195.9	200.7	205.4	211.4	214.2	216.4	216.8	217.9	220.8	220.3	221.6	226.6
17,5°	186.8	187.6	189.8	193.1	197.4	203.1	209.3	210.4	213.9	217.9	222.0	226.5	229.5	235.1	241.0
20,0°	182.8	188.2	194.5	200.0	205.3	211.3	213.1	219.8	222.1	227.2	234.8	240.4	238.5	241.1	241.9
22,5°	186.1	189.9	198.8	205.8	211.4	218.6	222.3	229.7	232.8	237.4	243.8	249.0	250.9	249.5	248.6
25,0°	188.1	192.3	201.9	208.6	213.4	221.6	229.8	236.8	240.6	245.1	250.7	256.0	260.0	259.9	261.2
27,5°	186.6	195.6	204.0	210.2	215.8	225.5	234.6	241.4	246.0	251.1	257.2	263.8	266.6	270.2	276.8
30,0°	191.6	202.2	209.0	216.3	225.2	236.1	246.3	254.6	259.6	262.2	264.5	270.1	283.5	286.2	284.7
32,5°	195.2	204.8	217.3	227.0	234.2	242.3	256.2	265.7	274.6	281.8	286.8	289.0	289.6	290.4	297.1
35,0°	205.5	211.9	221.4	231.5	241.2	249.8	263.1	276.2	287.5	292.9	294.7	297.9	304.0	312.1	316.2
37,5°	211.5	223.1	234.2	245.2	255.9	266.7	278.9	287.7	296.3	301.6	305.4	313.2	318.0	323.8	329.4
40,0°	218.2	232.1	248.3	262.4	274.5	286.2	298.6	302.5	307.8	313.5	320.4	329.9	335.4	337.8	344.9
42,5°	230.8	238.3	257.2	275.4	291.3	304.7	314.7	320.6	328.1	334.3	339.7	346.4	357.9	360.0	365.7
45,0°	240.5	250.9	270.6	286.4	299.8	317.6	322.9	338.6	347.2	359.7	373.3	377.9	384.8	383.2	388.8
47,5°	241.1	264.7	284.8	302.5	320.1	342.3	352.8	358.9	367.9	378.0	389.5	402.4	407.6	410.3	415.3
50,0°	255.0	279.4	296.6	315.8	336.6	354.9	371.8	378.8	396.3	411.2	422.6	430.7	433.9	438.0	454.0
52,5°	264.6	287.4	310.4	334.4	357.0	373.2	397.1	410.8	426.6	441.2	453.6	463.7	473.2	482.4	489.2
55,0°	272.2	299.0	328.5	356.4	380.6	399.0	427.0	445.8	464.4	480.0	493.3	506.8	518.9	527.4	527.4
57,5°	283.5	317.8	351.0	380.9	407.3	431.4	460.7	483.0	511.9	532.6	546.4	561.6	566.8	566.3	566.4
60,0°	298.0	338.5	374.8	408.6	439.2	466.1	502.7	543.8	571.1	594.7	612.8	615.9	608.2	593.4	584.0
62,5°	299.7	348.2	394.8	434.6	471.3	516.3	557.1	599.7	630.5	647.4	653.1	650.7	631.3	618.0	606.1
65,0°	309.3	369.6	427.2	474.4	516.7	570.5	621.7	657.8	675.5	678.4	672.3	662.5	641.0	608.3	560.7
67,5°	313.1	391.0	455.4	514.5	572.5	635.5	685.4	691.4	697.1	687.1	666.9	645.8	609.8	562.5	503.8
70,0°	302.1	385.7	456.2	519.5	578.7	637.5	677.4	674.6	680.0	665.1	633.4	594.4	542.2	486.3	417.2
72,5°	260.0	331.7	406.7	463.7	506.5	551.6	578.9	599.2	609.7	595.8	561.2	509.9	460.2	397.2	299.8
75,0°	151.5	211.6	283.0	334.5	365.1	388.2	434.2	461.5	462.6	444.9	422.2	406.6	364.4	280.7	185.3
77,5°	53.1	77.8	121.9	158.4	186.2	213.8	254.3	269.4	275.8	275.2	268.1	253.6	219.3	160.1	107.2
80,0°	15.9	23.4	36.7	54.4	74.7	92.4	104.9	116.6	126.0	130.3	128.0	119.9	104.4	82.3	62.4
82,5°	3.8	3.2	4.0	9.2	17.3	26.6	37.0	45.9	52.6	56.3	55.3	49.7	45.3	38.4	32.0
85,0°	0.4	0.1	0.1	0.2	1.2	3.5	7.1	12.5	15.7	17.9	17.9	15.9	15.7	14.1	12.4
87,5°	0.0	0.0	0.0	0.1	0.1	0.2	0.6	1.8	3.2	4.2	4.7	4.8	4.7	4.5	3.7
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	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 31 midi	Bestell-Nr.: 5XF3E42N08MA EAN: 4058352468173	LP-Nummer 59127_19
----------------------------------------------	---------------------------------------------------------------	-------------------------------------

Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
----------------------------------------	-----------------------------	---------------

C- Ebenen	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Lichtstärke in cd/klm														
0,0°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9
2,5°	193.9	194.7	194.4	194.6	195.3	196.7	197.1	196.4	195.5	196.3	195.0	194.9	194.9	195.0	195.3
5,0°	197.6	199.5	200.1	200.8	200.6	201.5	201.9	202.0	202.4	203.8	203.7	203.7	204.8	206.4	207.2
7,5°	201.0	203.9	205.5	209.5	209.8	210.7	212.2	214.3	216.7	218.5	219.8	220.2	221.3	222.8	223.0
10,0°	209.0	212.3	214.5	219.2	219.9	221.5	223.6	226.0	228.3	230.7	232.3	232.9	233.8	234.9	235.3
12,5°	221.9	224.5	227.8	229.0	229.8	230.9	231.7	232.5	234.2	237.0	238.2	238.8	239.6	241.2	242.6
15,0°	228.9	230.4	234.5	238.2	241.7	244.2	244.2	243.0	242.6	242.4	246.4	248.7	250.8	252.7	253.8
17,5°	245.0	247.4	249.7	252.7	252.7	254.2	255.1	256.1	258.3	260.8	260.1	259.1	259.6	260.4	260.7
20,0°	246.8	252.4	255.0	259.9	257.3	259.2	261.1	262.7	265.9	267.5	270.1	271.2	270.3	268.4	267.6
22,5°	252.3	258.0	260.7	265.1	263.0	266.9	271.8	274.6	274.5	272.7	277.7	280.8	280.1	278.7	280.5
25,0°	264.2	267.9	270.5	274.8	274.9	278.9	283.3	284.9	283.1	280.8	285.0	288.0	288.6	289.1	292.1
27,5°	281.7	283.6	285.1	291.1	293.1	294.5	294.3	292.9	291.6	292.7	293.2	293.9	295.9	298.5	300.2
30,0°	289.0	297.4	302.4	301.2	304.5	309.7	311.0	310.1	310.6	312.2	306.8	304.3	303.1	303.5	305.3
32,5°	302.6	305.9	308.7	310.5	312.5	317.8	319.6	318.8	317.6	314.3	312.6	310.8	312.1	315.1	317.5
35,0°	318.5	319.5	320.8	323.4	325.8	326.8	329.0	330.6	329.5	328.1	332.5	334.5	335.0	335.2	336.1
37,5°	333.8	335.9	336.8	338.2	338.9	343.4	346.2	347.5	348.9	347.0	347.4	351.6	353.0	351.6	350.0
40,0°	351.4	355.1	355.9	355.8	357.2	362.1	366.2	368.3	368.2	364.2	365.3	370.3	371.5	369.2	366.8
42,5°	371.9	377.1	378.1	377.1	383.3	382.1	387.6	391.9	385.9	380.5	389.5	393.6	392.1	387.7	385.9
45,0°	392.9	397.4	405.4	406.7	414.5	415.6	417.2	416.3	411.3	413.9	411.0	406.5	401.5	395.9	391.3
47,5°	419.6	424.2	430.0	425.5	427.6	433.3	434.1	430.9	427.0	425.9	418.2	410.5	404.4	402.1	402.8
50,0°	467.0	469.7	464.4	457.0	460.5	461.6	458.8	452.5	442.8	438.6	429.2	413.2	403.3	398.0	388.0
52,5°	494.5	497.3	496.1	487.9	482.8	483.8	473.0	455.2	443.0	427.2	411.7	396.2	384.8	374.9	358.8
55,0°	524.1	521.4	519.6	510.1	495.3	485.5	465.0	439.0	418.7	393.3	370.7	351.8	333.9	316.8	301.1
57,5°	558.2	544.7	531.5	513.0	490.2	459.1	429.0	398.5	362.4	332.5	305.8	281.3	254.1	226.7	207.6
60,0°	570.5	551.0	523.9	487.8	438.7	407.7	369.1	324.1	284.2	236.9	195.8	151.2	116.3	91.8	74.0
62,5°	573.9	524.8	476.9	429.6	381.5	323.0	259.8	193.7	130.8	89.7	59.2	39.2	27.3	21.7	17.8
65,0°	513.9	465.6	404.1	334.5	252.4	166.3	106.4	69.9	38.2	21.3	12.0	7.3	4.9	3.9	3.5
67,5°	438.4	364.5	276.7	187.5	123.6	67.8	30.4	11.1	4.5	2.3	2.2	2.3	2.4	2.4	2.4
70,0°	335.5	243.9	151.9	75.9	37.2	17.1	7.1	4.0	3.1	2.9	2.7	2.8	3.0	2.9	2.7
72,5°	204.3	119.4	57.5	31.9	14.9	7.6	4.8	3.6	3.2	3.4	3.3	3.2	3.1	2.9	2.6
75,0°	108.2	55.3	29.2	14.9	8.7	5.7	3.9	3.2	3.1	3.3	2.8	2.5	2.6	2.6	2.3
77,5°	65.7	36.1	17.7	10.4	6.2	4.3	3.6	3.2	2.6	2.4	1.9	2.1	2.0	1.7	1.7
80,0°	43.3	26.1	14.2	8.3	4.8	3.3	2.5	2.2	1.9	1.5	1.3	1.2	1.1	1.0	0.9
82,5°	24.5	16.5	10.0	5.8	3.3	2.2	1.5	1.1	1.0	0.7	0.7	0.6	0.5	0.5	0.4
85,0°	10.3	7.9	5.0	3.2	1.8	1.2	0.7	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
87,5°	2.9	2.2	1.6	1.0	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
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	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 31 midi	Bestell-Nr.: 5XF3E42N08MA EAN: 4058352468173	LP-Nummer 59127_19
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

C- Ebenen	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Lichtstärke in cd/klm														
0,0°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9
2,5°	196.6	196.2	196.5	196.8	197.0	197.5	197.8	184.6	182.0	179.8	178.2	177.2	176.0	174.8	175.3
5,0°	205.3	206.3	204.9	204.4	204.4	203.8	204.3	182.8	182.9	182.3	181.2	180.3	179.0	178.3	179.1
7,5°	221.4	220.8	220.6	220.5	220.3	219.4	218.7	181.2	181.6	181.7	180.6	178.7	176.7	175.4	173.1
10,0°	233.8	234.8	235.4	235.8	235.3	234.2	234.2	179.6	178.0	177.0	175.5	173.4	171.2	169.3	165.9
12,5°	239.8	245.9	246.3	246.4	245.8	244.2	247.2	178.5	173.4	170.2	168.3	167.0	165.5	163.5	162.4
15,0°	252.9	254.8	256.1	255.4	253.7	253.3	254.1	181.4	178.4	175.3	173.0	171.3	168.0	168.5	164.5
17,5°	264.0	263.6	266.7	267.2	265.6	263.9	261.7	181.3	177.8	175.0	171.4	166.8	164.0	162.6	159.4
20,0°	270.2	274.7	273.7	273.4	274.3	274.4	273.5	179.3	176.2	173.2	169.5	165.1	161.7	156.7	150.9
22,5°	285.5	283.6	283.0	283.4	284.3	284.8	283.5	181.1	174.2	171.2	167.3	160.9	154.4	151.7	145.2
25,0°	297.2	292.5	292.0	291.8	292.5	294.9	294.0	183.4	175.0	170.4	165.1	157.6	150.7	148.9	142.7
27,5°	301.5	302.2	299.9	297.6	298.9	303.8	304.2	183.4	178.4	171.0	163.4	156.6	152.1	147.0	140.5
30,0°	307.8	310.9	312.2	311.8	310.1	307.1	306.4	185.6	180.1	172.5	163.3	153.1	143.7	137.2	134.2
32,5°	320.6	324.4	325.2	323.5	321.0	319.2	317.8	187.7	177.5	167.4	157.5	149.3	147.4	137.6	129.1
35,0°	336.7	336.0	337.7	337.2	334.0	329.4	328.2	190.7	180.3	172.2	162.0	149.3	142.6	134.7	126.6
37,5°	352.2	351.9	349.8	349.0	349.8	350.9	350.9	195.9	185.5	176.0	164.9	152.2	142.3	130.1	123.0
40,0°	369.1	369.7	365.7	363.1	364.5	368.7	370.1	204.0	191.7	177.6	164.5	153.4	141.0	128.2	121.7
42,5°	386.7	387.0	385.5	380.2	375.4	375.7	379.0	214.6	198.2	179.9	164.2	152.2	137.4	129.1	123.9
45,0°	394.5	396.2	399.3	394.0	384.4	382.7	392.8	221.7	205.7	189.7	172.9	155.2	136.6	124.2	119.8
47,5°	401.9	397.6	392.8	386.4	380.0	378.6	378.6	226.0	211.0	190.1	169.0	150.6	139.6	128.2	119.0
50,0°	377.0	373.9	370.3	368.3	366.0	362.2	359.7	235.1	210.6	188.7	169.5	153.0	138.9	128.1	118.2
52,5°	346.4	340.9	334.0	329.8	326.5	319.9	317.7	236.2	215.5	192.6	170.0	149.5	134.7	124.2	116.5
55,0°	287.3	276.2	265.5	257.0	250.7	245.4	238.9	239.9	218.9	193.5	168.3	146.4	131.3	120.3	114.5
57,5°	190.4	172.4	160.3	148.9	142.3	141.9	136.1	248.5	218.9	188.1	162.8	144.9	127.6	117.7	111.5
60,0°	58.3	50.7	41.3	36.2	35.1	35.3	34.6	250.5	221.0	188.3	159.0	136.1	116.0	110.3	103.7
62,5°	12.9	11.6	10.0	9.2	8.8	8.5	8.4	248.4	213.2	178.5	150.1	129.6	109.8	95.9	89.4
65,0°	2.5	2.7	2.8	3.0	3.2	3.0	2.5	241.0	197.5	163.7	135.6	113.1	98.8	83.9	79.7
67,5°	2.3	2.7	2.8	2.9	3.1	3.1	3.0	234.9	181.5	144.0	116.7	97.9	86.3	76.4	69.6
70,0°	2.7	3.2	3.3	3.2	3.0	3.0	3.7	216.0	154.5	117.1	94.0	81.0	71.7	66.1	58.6
72,5°	2.6	3.0	3.1	3.1	2.8	2.5	3.2	174.8	113.3	83.4	68.4	61.0	54.6	48.9	44.3
75,0°	2.1	2.1	2.6	2.6	2.4	2.5	2.2	93.2	65.4	52.1	43.9	39.4	35.2	31.5	29.0
77,5°	1.6	1.5	1.6	1.5	1.5	1.4	1.2	36.1	28.4	23.7	20.6	18.7	16.9	15.2	14.2
80,0°	1.0	1.0	0.9	0.9	0.9	0.8	0.7	13.2	10.9	9.5	8.5	7.6	6.8	6.3	5.7
82,5°	0.5	0.5	0.5	0.5	0.5	0.4	0.5	3.2	2.7	2.5	2.3	2.0	1.7	1.6	1.4
85,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.3	0.2	0.1	0.1
87,5°	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 31 midi	Bestell-Nr.: 5XF3E42N08MA EAN: 4058352468173	LP-Nummer 59127_19
---------------------------------------	---------------------------------------------------------------	------------------------------

siteco

Wertetabelle Lichtstärkemessung		Maximale Lichtstärke													
C- Ebenen	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Lichtstärke in cd/klm														
0,0°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9
2,5°	175.7	174.7	172.0	170.3	169.7	170.8	169.8	168.5	168.9	169.1	167.3	167.9	169.2	169.8	169.0
5,0°	179.0	177.8	176.1	173.7	169.7	167.9	167.6	167.0	165.4	165.1	165.9	164.5	164.6	165.0	164.2
7,5°	171.9	170.5	167.7	166.6	164.7	163.0	162.5	162.6	162.2	160.6	162.0	160.6	158.7	157.4	157.1
10,0°	164.0	162.3	159.7	158.7	158.5	157.6	156.8	156.5	156.2	155.2	155.5	154.1	150.9	148.4	147.7
12,5°	159.9	157.4	156.5	154.9	153.6	153.1	152.5	151.0	149.2	150.7	147.9	145.8	144.9	143.3	140.9
15,0°	161.8	157.4	150.8	148.5	150.2	148.6	147.9	146.9	143.4	140.2	142.5	141.9	142.2	143.0	142.3
17,5°	156.8	151.3	143.9	143.0	139.4	140.5	139.7	138.3	138.8	137.6	138.1	138.4	138.1	137.1	135.9
20,0°	146.4	142.7	139.6	136.9	134.1	132.9	131.4	130.7	131.5	132.2	132.3	132.8	132.9	132.6	132.5
22,5°	140.1	137.0	135.9	133.8	131.2	129.2	127.7	127.1	127.5	127.3	128.2	128.8	128.6	126.7	124.6
25,0°	136.5	132.5	130.9	128.7	126.6	126.4	125.9	124.9	123.8	122.2	124.1	124.1	123.2	120.8	118.1
27,5°	134.7	129.4	124.6	119.8	118.7	120.6	122.0	120.9	118.0	116.9	119.4	117.6	116.1	115.8	116.1
30,0°	128.7	123.3	119.4	116.8	112.0	113.0	114.6	114.7	113.5	114.9	114.1	111.5	110.3	110.6	111.5
32,5°	124.9	121.6	117.5	118.4	116.1	116.4	116.3	114.1	110.7	110.0	108.7	109.0	109.3	108.7	107.4
35,0°	122.4	120.8	118.6	113.1	111.4	109.1	108.2	108.4	108.5	107.9	106.3	106.5	106.1	105.5	106.0
37,5°	119.9	117.2	112.9	110.0	107.1	104.5	104.0	105.2	106.0	103.0	101.5	103.0	102.0	100.2	100.9
40,0°	118.6	114.0	107.9	107.1	103.6	101.4	100.9	101.6	101.9	98.6	97.3	100.2	99.6	97.6	97.9
42,5°	118.0	111.8	105.9	103.5	101.1	98.7	96.3	95.4	96.6	97.6	96.4	98.6	98.7	98.4	100.0
45,0°	112.2	105.9	102.6	100.8	100.5	94.7	92.9	93.9	93.2	92.5	93.4	93.2	92.0	92.4	95.3
47,5°	109.6	102.3	98.6	98.2	96.7	92.6	91.5	91.5	89.6	88.6	89.0	90.0	90.3	90.4	90.3
50,0°	108.6	101.8	99.5	99.8	92.8	89.6	88.3	87.6	87.7	87.7	87.4	88.3	87.9	87.0	87.3
52,5°	107.3	100.6	97.6	95.0	89.2	87.2	84.8	83.4	84.2	85.9	82.9	84.2	84.9	83.7	82.1
55,0°	105.9	99.5	96.5	90.0	85.8	84.1	81.7	79.8	79.7	80.5	78.4	78.7	79.1	78.7	77.8
57,5°	103.8	98.5	95.6	87.6	82.4	80.4	78.3	76.3	74.6	73.0	75.0	73.1	71.9	73.1	75.6
60,0°	98.9	93.2	86.0	82.3	79.6	77.8	72.7	68.9	68.8	69.7	69.9	67.3	68.6	71.8	73.1
62,5°	84.4	80.0	76.3	75.0	70.9	68.8	65.1	62.7	62.9	63.8	64.2	64.5	65.0	66.0	67.2
65,0°	75.7	71.3	67.5	64.9	65.4	61.7	59.2	57.7	56.3	57.1	57.4	58.6	57.6	57.3	60.3
67,5°	65.8	62.2	58.3	55.0	54.7	52.2	50.7	50.3	50.0	49.4	48.4	50.6	51.2	51.1	52.8
70,0°	54.2	51.5	48.2	45.0	43.5	42.0	41.0	41.0	41.9	40.6	39.5	42.0	43.3	43.3	43.8
72,5°	41.2	38.9	36.8	34.6	33.0	32.3	30.7	30.3	31.6	30.5	31.2	32.6	32.9	32.5	32.9
75,0°	26.1	23.5	21.9	21.2	20.0	20.8	20.3	19.4	19.7	19.6	19.1	20.0	21.6	22.7	22.7
77,5°	13.5	12.4	10.8	10.3	10.1	10.0	10.1	10.0	10.0	10.4	10.8	10.7	11.1	11.8	12.2
80,0°	5.5	5.0	4.3	4.2	3.9	4.0	4.2	4.1	3.9	4.2	4.5	4.3	4.5	4.8	4.8
82,5°	1.3	1.3	1.3	1.0	1.1	1.1	1.1	1.0	0.9	1.0	1.1	1.2	1.2	1.3	1.4
85,0°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
87,5°	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	0.0
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	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 31 midi	Bestell-Nr.: 5XF3E42N08MA EAN: 4058352468173	LP-Nummer 59127_19
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm													Lichtstrom in lm/klm	
0,0°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	0.3	0.3
2,5°	169.1	169.0	169.3	169.4	169.4	169.3	168.3	169.2	169.3	169.3	169.1	168.9	170.1	2.2	2.5
5,0°	164.1	163.3	163.6	163.9	163.6	162.8	162.4	161.3	160.9	161.4	161.8	161.1	160.5	4.4	6.8
7,5°	157.0	154.5	154.5	154.3	153.8	153.6	153.0	151.9	152.0	152.3	151.4	149.2	149.1	6.6	13.4
10,0°	147.7	145.6	145.4	145.6	145.8	146.0	145.2	145.1	145.7	145.9	144.9	142.8	143.3	8.8	22.3
12,5°	140.9	141.1	141.3	141.9	142.4	142.4	141.8	142.4	143.2	144.1	144.4	144.1	144.6	11.1	33.4
15,0°	139.2	137.8	136.8	135.1	134.1	134.8	135.5	135.7	137.0	138.6	139.5	139.7	141.5	13.5	46.9
17,5°	134.9	135.6	134.4	133.5	133.3	133.4	133.9	133.4	134.0	133.4	132.3	131.6	130.6	15.9	62.8
20,0°	133.0	131.3	130.8	129.5	128.5	128.5	127.6	129.3	128.8	127.8	126.6	125.2	125.5	18.1	80.9
22,5°	126.4	125.8	124.4	124.1	124.9	125.4	123.6	124.5	123.7	123.5	125.1	127.0	126.4	20.5	101.5
25,0°	120.1	121.8	121.0	121.2	121.8	121.7	121.3	121.1	119.5	119.7	122.8	127.2	128.2	23.0	124.5
27,5°	118.0	119.4	121.0	120.6	118.5	116.9	118.5	118.8	116.3	115.2	117.5	122.3	126.0	25.4	149.9
30,0°	111.4	111.3	111.9	114.0	116.8	118.8	117.5	113.2	112.1	112.4	114.1	117.4	120.3	28.0	177.9
32,5°	107.8	111.2	113.4	114.2	113.9	113.3	113.3	113.6	116.0	116.4	113.2	108.3	106.2	30.7	208.6
35,0°	108.7	109.3	107.7	107.2	108.3	109.4	107.7	108.2	110.3	111.1	109.9	108.0	107.5	33.6	242.2
37,5°	102.8	104.4	103.7	103.6	104.9	106.1	103.5	103.8	106.2	109.7	111.0	109.1	108.8	36.7	278.9
40,0°	99.1	101.1	101.8	102.1	103.0	104.2	102.7	103.3	104.4	108.2	110.4	109.2	107.4	40.1	319.0
42,5°	100.2	100.2	99.9	100.6	102.0	103.4	104.9	105.8	104.6	104.3	105.7	107.2	104.8	43.8	362.8
45,0°	96.4	96.9	95.8	97.0	98.8	99.7	101.8	100.5	99.8	101.4	103.3	104.0	106.2	47.4	410.2
47,5°	87.1	91.1	96.3	96.0	94.0	95.3	96.7	96.7	96.3	99.0	101.1	99.8	100.2	50.6	460.8
50,0°	87.9	88.4	90.5	91.3	92.5	95.9	97.0	95.8	95.4	96.4	97.7	98.3	98.2	53.9	514.7
52,5°	82.2	83.5	86.1	90.5	93.3	93.0	93.3	94.4	93.7	92.5	92.7	95.1	98.2	56.2	570.9
55,0°	76.9	80.0	82.9	87.4	89.9	89.1	88.9	90.4	90.3	89.6	90.0	92.1	96.5	57.0	627.9
57,5°	75.6	78.7	79.0	79.3	81.4	84.8	85.2	83.9	85.8	88.1	89.6	90.3	91.4	56.1	684.0
60,0°	73.8	74.8	75.0	74.8	75.9	78.8	80.8	80.7	80.9	80.8	80.7	81.6	85.4	53.0	737.0
62,5°	67.4	69.5	69.3	70.4	72.2	73.5	74.0	76.0	77.2	78.0	77.8	77.3	80.4	50.1	787.1
65,0°	63.0	63.4	63.0	65.3	68.1	68.6	70.4	70.8	73.1	73.9	73.6	73.5	74.7	47.5	834.6
67,5°	54.8	54.8	55.3	57.5	59.7	61.4	63.1	62.9	63.5	64.7	65.5	65.5	63.5	44.8	879.4
70,0°	45.2	45.2	46.4	47.8	49.5	51.5	52.8	53.2	52.7	53.9	55.5	55.2	53.0	40.5	919.9
72,5°	35.0	35.2	35.6	37.3	38.8	39.1	40.3	41.9	43.4	44.2	44.1	43.5	44.5	33.7	953.6
75,0°	22.4	22.8	24.4	24.5	24.9	27.1	27.9	28.2	29.1	29.4	29.0	28.7	29.5	23.9	977.5
77,5°	12.4	12.7	13.1	13.8	14.9	15.9	16.4	16.2	16.3	16.7	17.3	17.7	17.0	13.4	990.9
80,0°	4.9	5.4	5.5	5.9	6.2	6.4	6.5	6.7	6.8	7.1	7.5	7.6	7.1	6.0	996.9
82,5°	1.5	1.7	1.8	1.9	2.0	2.0	2.0	2.2	2.3	2.4	2.5	2.5	2.3	2.3	999.2
85,0°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.7	999.8
87,5°	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	0.2	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Lichttechnischer Prüfbefund

Familie Streetlight 31 midi	Bestell-Nr.: 5XF3E42N08MA EAN: 4058352468173	LP-Nummer 59127_19
---------------------------------------	---------------------------------------------------------------	-------------------------------------

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	siteco
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	18000	120.0
95	241	252	17079	114.0
90	229	250	16228	108.3
85	216	248	15327	101.8
80	203	246	14425	95.4
75	190	243	13492	89.2
70	178	241	12631	83.4
65	164	238	11692	77.1
60	151	235	10818	71.2
55	138	232	9905	65.4
50	125	228	8992	59.6
45	112	225	8078	54.0
40	99	221	7167	48.3
35	87	217	6334	43.4
30	74	212	5418	37.8
25	62	206	4518	32.7
20	50	200	3623	27.4
15	37	193	2726	22.6