

Lichttechnischer Prüfbefund

Familie
Streetlight 21 midi LED

Bestell-Nr.: 5XE3P31D08MB
EAN: 4058352729915

LP-Nummer
59337_6



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	direkt, asymmetrisch breit strahlend S150002
Abdeckung	Einscheibensicherheitsglas (ESG)
Bestückung	LED 3000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 19170 lm Systemleistung = 146.7 W Lichtausbeute = 130.7 lm/W

Seriendokumentation
18.07.2022

siteco

Lichtstärke in cd/klm

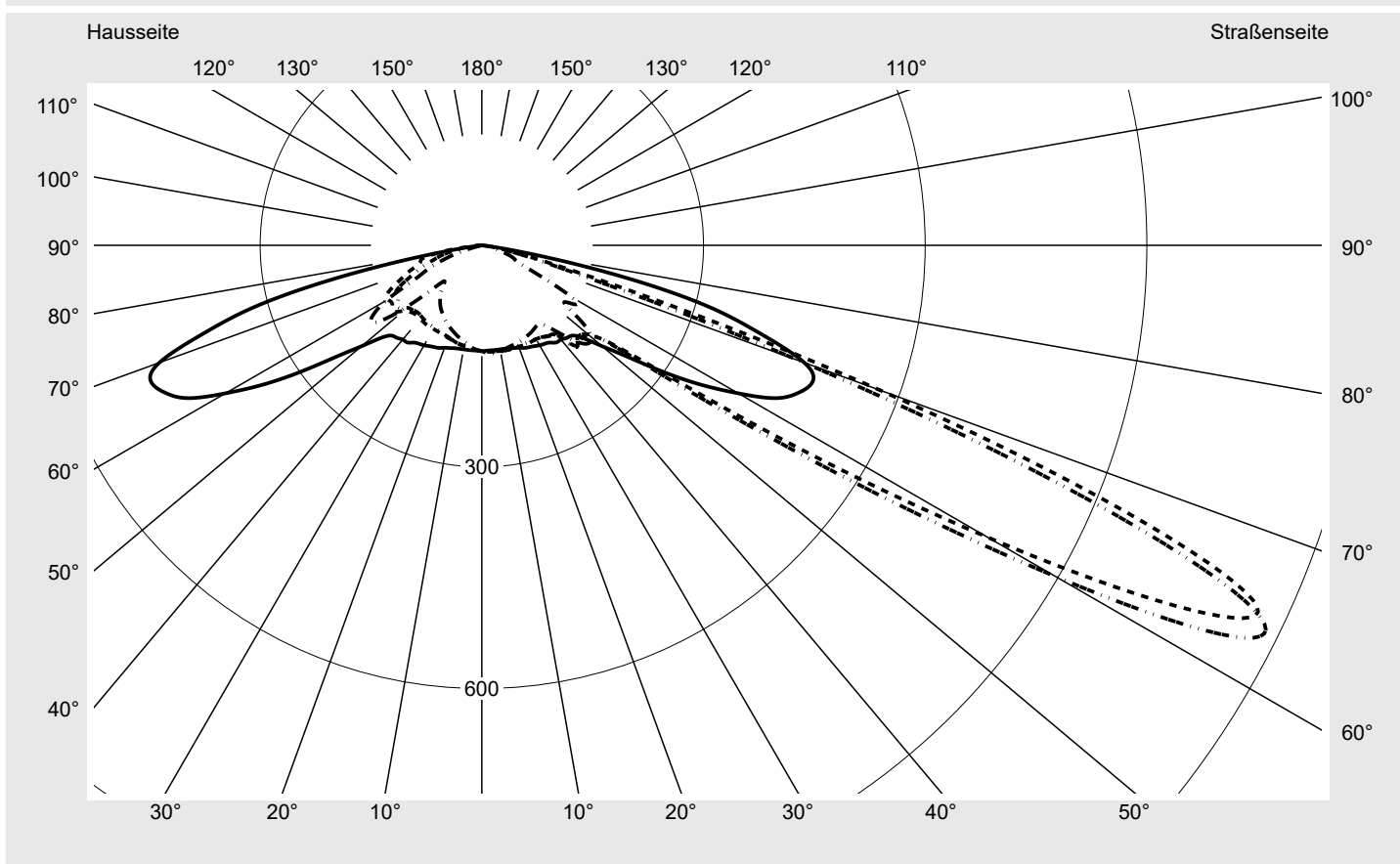
C180-0

C215-35

C217,5-37,5

C270-90

Imax: 1158 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	798.1
Imax 80°	214.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

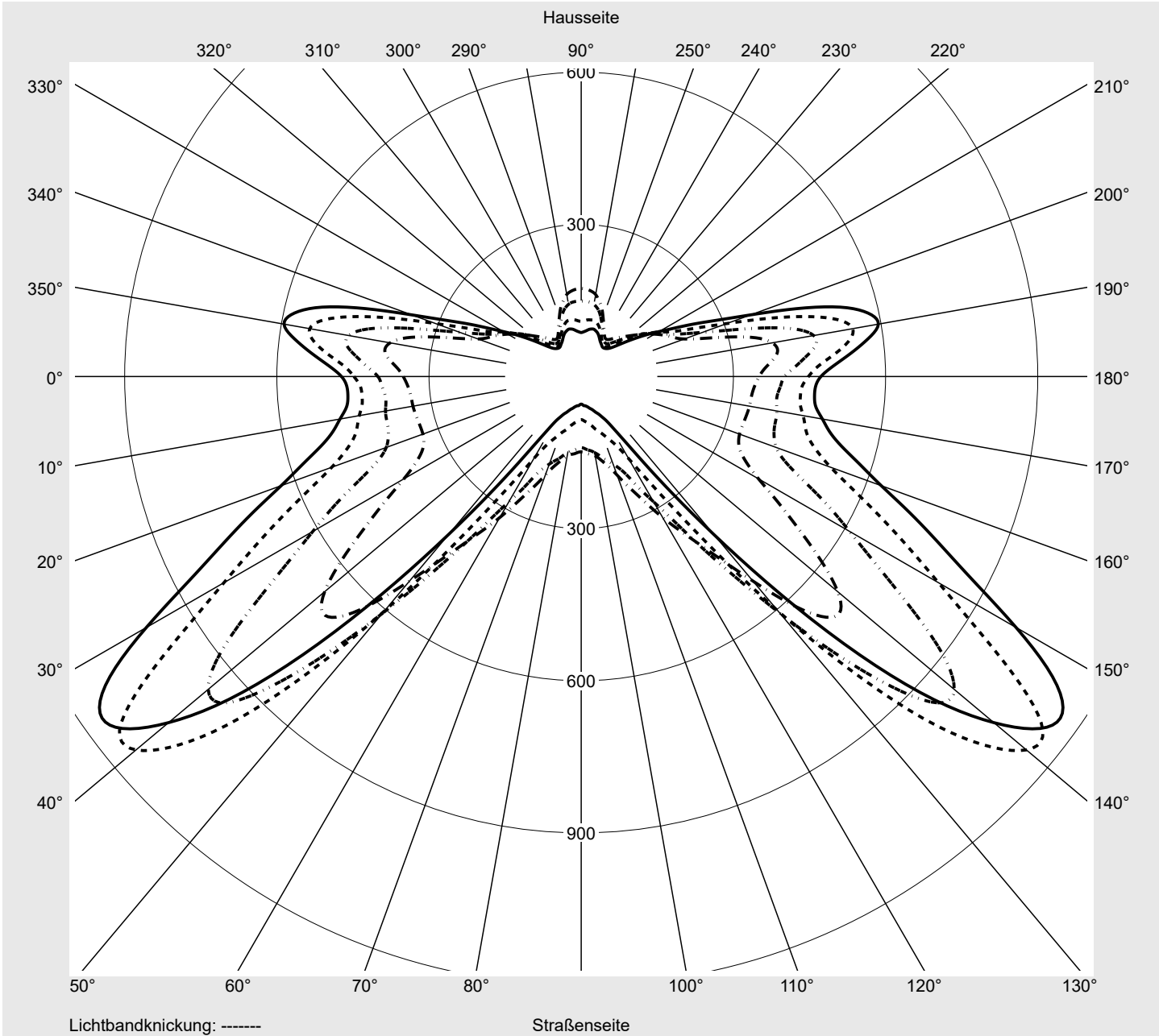
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
---	---	-----------------------------

Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	142.8	142.8	142.8	142.9	143.1	143.1	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9
5,0°	142.7	142.9	143.0	143.1	143.3	143.5	143.6	143.7	143.9	143.9	144.0	144.1	144.2	144.3	144.4
7,5°	142.8	143.0	143.2	143.4	143.5	143.7	143.9	143.9	144.1	144.1	144.2	144.3	144.3	144.4	144.5
10,0°	143.0	143.3	143.5	143.6	143.9	144.0	144.0	144.1	144.2	144.3	144.4	144.5	144.7	144.8	145.1
12,5°	143.4	143.6	143.9	144.1	144.3	144.4	144.4	144.4	144.5	144.7	144.9	145.1	145.3	145.5	145.6
15,0°	144.2	144.5	144.8	144.9	145.1	145.1	145.1	145.2	145.4	145.6	145.7	146.0	146.0	146.1	146.1
17,5°	145.8	146.0	146.1	146.2	146.1	146.1	146.3	146.6	146.9	147.3	147.5	147.4	147.2	146.6	146.1
20,0°	147.6	147.9	147.9	147.8	147.6	147.5	148.0	148.5	149.0	149.4	149.3	149.1	148.4	147.2	145.9
22,5°	150.4	150.6	150.6	150.3	149.8	149.8	150.4	151.2	151.9	152.3	152.2	151.2	150.0	148.4	146.5
25,0°	152.1	152.6	152.7	152.4	151.8	151.8	152.5	153.5	154.3	154.7	154.1	152.8	151.0	149.1	147.2
27,5°	153.8	154.4	154.7	154.3	153.6	153.6	154.1	154.9	155.5	155.5	154.3	152.3	150.0	148.0	146.5
30,0°	156.3	157.0	157.4	156.8	155.7	155.5	155.7	156.0	156.0	155.2	153.4	151.2	149.2	147.9	147.1
32,5°	158.1	158.9	159.8	158.7	157.2	156.8	156.8	156.5	155.9	154.8	153.4	151.9	150.7	149.5	148.5
35,0°	160.7	161.8	162.6	162.2	160.9	160.1	159.4	158.7	158.1	157.0	155.7	154.5	153.2	152.0	151.0
37,5°	165.7	166.1	166.2	165.4	165.0	164.2	162.8	161.5	160.7	160.4	159.8	158.2	156.6	154.8	153.7
40,0°	166.6	168.0	168.8	167.7	167.3	166.7	165.5	164.1	163.2	162.3	161.4	160.3	159.5	159.1	159.4
42,5°	170.0	170.9	171.8	172.1	171.9	171.0	169.4	168.2	166.9	166.4	165.8	167.1	170.6	177.0	183.4
45,0°	172.8	175.4	177.0	177.0	176.3	174.8	173.5	173.2	174.0	177.6	181.1	184.0	186.0	187.8	186.7
47,5°	185.7	187.3	190.2	192.0	190.4	188.4	189.3	191.3	193.7	195.3	194.9	193.8	191.8	189.0	185.1
50,0°	212.4	217.2	220.2	221.6	222.5	223.0	223.3	222.1	219.2	214.6	208.3	202.9	198.2	194.4	191.1
52,5°	247.1	249.7	251.8	252.7	252.4	251.7	249.9	246.8	241.4	234.4	227.7	220.9	214.7	212.4	214.2
55,0°	297.3	297.7	296.4	295.8	295.4	294.0	291.1	286.7	281.1	274.7	268.6	263.1	262.8	276.5	308.0
57,5°	350.8	343.8	339.4	337.4	336.8	335.2	333.3	332.0	332.2	335.9	345.9	367.3	403.6	458.5	522.3
60,0°	400.7	393.9	388.9	388.3	391.7	393.1	394.0	398.8	409.1	433.6	481.3	545.9	610.9	689.2	790.7
62,5°	448.1	436.0	433.8	435.8	444.3	452.1	463.5	487.0	523.4	578.3	647.3	725.1	813.3	924.2	1055.4
65,0°	472.5	462.3	461.7	467.0	482.8	501.3	531.4	575.9	629.5	700.3	778.1	870.7	989.9	1101.5	1157.9
67,5°	484.2	471.1	471.3	481.5	504.1	534.5	585.0	642.0	703.7	780.6	869.3	953.0	995.9	986.1	943.8
70,0°	464.4	449.7	450.7	467.4	493.7	530.1	578.7	634.7	700.5	767.2	798.1	784.8	735.5	664.7	573.7
72,5°	392.8	388.4	393.0	413.7	440.2	469.5	503.0	541.4	565.4	566.1	534.9	483.8	414.8	333.4	252.8
75,0°	312.1	307.6	313.3	327.7	348.5	372.0	389.6	388.5	368.3	332.7	294.3	244.7	190.7	137.0	105.3
77,5°	189.9	195.2	198.5	206.5	221.1	230.8	229.7	213.5	188.8	161.7	132.1	99.8	74.0	60.2	51.1
80,0°	70.3	62.4	59.0	57.6	57.7	62.9	73.3	71.0	58.9	47.0	36.3	30.1	27.5	25.5	23.4
82,5°	14.9	14.1	13.5	13.4	13.9	14.7	15.6	15.7	14.3	11.7	10.5	10.4	10.5	10.5	10.1
85,0°	4.1	4.1	4.0	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8
87,5°	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.8	1.8
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	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	144.1	144.2	144.3	144.4	144.4	144.6	144.8	144.9	145.0	145.1	145.1	145.2	145.2	145.2	145.3
5,0°	144.5	144.7	144.8	144.9	144.9	145.1	145.2	145.4	145.6	145.6	145.7	145.8	145.9	146.0	146.1
7,5°	144.7	144.9	145.1	145.2	145.4	145.6	145.8	146.1	146.2	146.5	146.7	146.8	146.9	147.0	147.1
10,0°	145.2	145.5	145.7	145.9	146.1	146.2	146.3	146.5	146.6	146.7	146.7	146.7	146.6	146.6	146.5
12,5°	145.7	145.9	146.1	146.1	146.1	146.0	146.0	145.9	145.6	145.4	145.2	145.0	144.8	144.7	144.6
15,0°	146.1	145.9	145.6	145.1	144.7	144.3	144.0	143.8	143.5	143.3	143.0	142.7	142.5	142.4	142.3
17,5°	145.3	144.7	144.1	143.4	142.7	142.2	141.7	141.5	141.3	141.2	141.2	141.0	141.0	140.9	141.0
20,0°	144.5	143.3	142.3	141.7	141.2	140.9	140.5	140.5	140.3	140.4	140.3	140.3	140.3	140.4	140.3
22,5°	144.7	143.2	142.2	141.4	140.9	140.6	140.5	140.3	140.1	140.1	140.1	140.1	140.1	140.0	140.0
25,0°	145.3	143.8	142.6	141.9	141.4	141.1	140.9	140.7	140.4	140.1	139.9	139.6	139.2	139.0	138.7
27,5°	145.4	144.7	144.0	143.4	142.6	142.1	141.4	140.8	140.1	139.5	138.8	138.3	138.0	137.7	137.4
30,0°	146.6	146.3	146.1	145.6	144.4	143.1	141.8	140.7	139.7	138.9	138.3	137.6	137.1	136.7	136.2
32,5°	147.9	148.3	149.4	149.2	147.7	145.3	143.3	141.7	140.4	139.2	138.3	137.2	136.3	135.5	134.8
35,0°	150.4	150.2	150.8	151.6	149.9	147.1	144.6	142.5	140.6	139.0	137.8	136.6	135.8	134.9	134.1
37,5°	152.8	151.9	150.7	149.7	150.1	149.1	146.8	143.8	141.6	139.8	138.4	136.9	135.7	134.7	134.1
40,0°	161.0	164.5	168.6	171.3	172.7	172.2	170.1	166.1	160.9	154.8	148.7	143.6	140.7	139.7	140.2
42,5°	186.8	187.3	186.7	184.0	179.0	173.8	170.0	166.2	161.1	157.4	154.7	152.9	152.7	153.8	155.1
45,0°	182.8	178.9	174.1	169.8	166.6	164.1	163.1	163.3	163.6	164.9	166.2	167.6	169.7	172.0	174.0
47,5°	180.0	176.2	173.4	171.2	170.1	170.8	172.0	175.4	179.8	184.3	187.4	189.6	191.8	193.5	194.1
50,0°	187.5	185.2	183.9	184.0	187.3	192.4	199.0	205.3	210.0	214.2	216.3	214.8	212.0	209.8	207.2
52,5°	218.8	227.2	239.6	251.9	261.3	267.0	266.2	261.5	253.9	247.3	244.9	235.9	226.3	216.2	206.7
55,0°	351.2	391.6	419.1	432.1	429.9	408.9	375.3	339.6	313.6	292.8	274.7	252.0	228.2	207.5	190.9
57,5°	595.6	660.1	690.6	669.0	605.5	526.5	457.2	401.8	358.6	321.1	285.3	254.5	229.7	207.0	188.8
60,0°	897.1	959.8	952.8	864.4	739.0	609.8	497.0	406.8	334.3	285.2	249.3	216.0	196.1	183.8	174.5
62,5°	1147.2	1145.6	1075.2	953.7	783.7	604.3	437.1	316.8	238.8	187.0	157.2	140.6	129.3	119.9	112.9
65,0°	1140.2	1062.0	943.2	776.3	584.1	406.2	271.7	178.5	129.0	102.9	90.7	82.1	76.9	71.7	67.6
67,5°	852.9	715.2	554.7	398.3	252.6	153.7	106.1	81.9	70.1	64.3	61.5	59.7	59.3	58.8	56.0
70,0°	460.6	337.8	231.0	155.4	103.2	75.1	62.5	55.5	51.5	49.6	48.1	46.9	45.9	46.1	46.2
72,5°	182.3	140.9	106.6	78.2	58.1	47.0	41.2	38.6	37.0	36.0	35.6	34.2	33.6	32.9	27.9
75,0°	85.2	71.5	56.9	44.0	35.4	29.8	27.3	26.0	25.1	24.5	24.2	23.4	22.1	19.8	19.4
77,5°	44.0	38.2	31.8	25.6	21.3	19.0	18.3	17.5	16.9	16.5	16.3	15.8	15.2	14.8	14.4
80,0°	21.2	19.3	16.6	14.1	12.4	11.8	11.6	11.4	11.0	10.9	10.7	10.4	10.1	9.9	9.7
82,5°	9.4	8.9	8.3	7.5	6.9	6.6	6.7	6.7	6.6	6.4	6.3	6.2	6.0	5.8	5.8
85,0°	3.6	3.6	3.5	3.3	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.8	2.8	2.6	2.6
87,5°	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.0	0.9
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 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	145.3	145.4	145.4	145.5	145.6	145.6	145.6	142.6	142.5	142.3	142.2	142.2	142.1	142.1	142.1
5,0°	146.1	146.2	146.3	146.4	146.4	146.5	146.5	142.6	142.3	142.0	141.8	141.7	141.5	141.4	141.3
7,5°	147.2	147.2	147.4	147.4	147.4	147.4	147.4	142.5	142.2	141.9	141.5	141.3	141.0	140.9	140.6
10,0°	146.5	146.6	146.6	146.5	146.5	146.5	146.5	142.6	142.2	141.8	141.4	141.0	140.9	140.5	140.2
12,5°	144.4	144.5	144.4	144.4	144.3	144.3	144.2	142.9	142.4	142.0	141.5	141.1	140.7	140.4	139.9
15,0°	142.2	142.2	142.3	142.3	142.3	142.3	142.2	143.8	143.3	142.8	142.3	141.9	141.5	141.2	140.7
17,5°	141.1	141.2	141.3	141.4	141.4	141.4	141.4	145.2	144.8	144.3	143.6	143.0	142.4	141.8	140.8
20,0°	140.4	140.5	140.5	140.7	140.8	140.8	140.8	147.3	146.5	145.6	144.8	143.9	143.0	141.8	140.5
22,5°	139.9	139.8	139.7	139.7	139.6	139.7	139.6	149.4	148.7	147.6	146.5	145.5	144.1	142.5	140.9
25,0°	138.4	138.1	138.0	137.9	137.9	137.9	137.9	151.2	150.2	149.3	148.4	147.4	145.6	143.9	142.0
27,5°	137.1	136.8	136.6	136.5	136.6	136.5	136.6	152.7	151.8	150.9	149.9	148.7	147.0	145.2	143.3
30,0°	135.8	135.5	135.2	135.0	134.9	134.9	134.9	155.2	153.9	152.7	151.4	149.7	147.9	146.1	144.4
32,5°	134.2	133.8	133.5	133.2	133.0	132.9	133.0	156.7	155.1	153.8	152.3	150.5	148.7	147.0	145.0
35,0°	133.5	133.0	132.6	132.3	132.1	131.9	131.7	159.5	158.1	156.8	154.7	152.5	150.7	148.8	146.6
37,5°	134.1	134.6	135.3	135.8	135.6	135.3	135.3	164.1	162.4	160.4	157.6	155.1	152.7	150.7	148.2
40,0°	141.5	143.4	145.4	147.7	148.3	148.1	148.2	165.1	164.0	162.6	160.2	157.7	155.5	153.2	150.2
42,5°	156.6	158.9	161.5	164.4	166.1	166.3	166.6	167.6	166.7	164.7	162.6	160.7	158.1	155.4	152.1
45,0°	175.6	177.6	179.9	182.7	184.9	185.8	186.2	171.1	169.4	167.5	165.8	163.4	161.1	158.2	154.7
47,5°	193.8	193.5	193.6	194.5	196.0	196.2	196.3	180.0	178.3	175.0	171.8	168.7	165.6	162.4	158.6
50,0°	204.0	200.6	199.2	198.4	196.3	193.5	192.8	212.1	205.3	200.3	195.6	190.4	185.6	180.4	173.7
52,5°	197.6	189.8	183.6	178.6	174.9	172.1	170.8	243.5	242.7	237.2	226.1	212.7	202.8	194.8	186.6
55,0°	177.1	164.9	154.2	146.9	142.0	137.7	136.4	306.3	307.5	309.4	296.7	269.6	235.8	209.4	194.7
57,5°	176.5	166.2	159.0	155.0	152.9	149.8	148.6	362.1	379.4	390.6	382.5	352.8	300.9	249.5	216.4
60,0°	167.1	158.5	152.4	147.8	145.2	141.9	140.3	421.2	444.2	465.8	465.4	432.2	370.1	303.7	255.1
62,5°	107.3	100.2	95.5	91.5	89.0	86.4	85.0	467.6	500.7	531.6	543.3	518.0	456.8	379.0	305.5
65,0°	64.9	61.8	59.7	58.1	57.6	55.5	54.5	498.8	534.5	570.4	594.8	578.8	528.7	445.1	355.5
67,5°	53.4	51.7	50.7	49.7	48.7	47.1	47.2	511.9	544.5	577.9	603.6	591.4	551.6	488.4	410.8
70,0°	43.2	41.3	40.3	39.7	39.7	39.7	39.6	483.2	514.9	547.5	567.8	560.5	538.9	500.0	449.0
72,5°	25.2	23.6	23.4	23.5	30.6	32.6	28.2	418.6	437.7	467.2	483.2	493.6	490.6	479.8	460.1
75,0°	19.3	18.6	18.2	18.1	30.1	24.0	20.9	317.6	333.1	354.8	376.5	394.0	408.6	419.8	423.9
77,5°	13.9	13.6	13.2	13.1	14.9	14.6	14.3	205.9	210.9	224.6	243.3	263.8	286.8	308.4	326.0
80,0°	9.3	8.9	8.7	8.6	8.8	8.9	9.2	74.8	83.6	95.3	110.3	128.9	151.2	174.9	196.6
82,5°	5.5	5.2	5.0	4.9	4.9	5.3	5.5	17.3	18.5	21.3	25.4	31.0	39.7	52.1	68.0
85,0°	2.4	2.4	2.4	2.3	2.4	2.3	2.3	3.8	4.0	4.0	3.9	3.9	3.8	3.8	3.8
87,5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
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 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	142.0	141.9	141.9	141.9	141.8	141.8	141.9	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.7
5,0°	141.2	140.9	140.9	140.9	140.8	140.7	140.6	140.4	140.3	140.2	140.1	140.1	140.0	139.8	139.9
7,5°	140.4	140.1	140.0	139.7	139.6	139.3	139.2	139.0	138.8	138.7	138.5	138.4	138.3	138.1	137.9
10,0°	139.9	139.6	139.2	139.0	138.8	138.4	138.1	137.7	137.2	136.9	136.4	136.0	135.7	135.3	134.9
12,5°	139.6	139.3	139.0	138.7	138.1	137.6	137.1	136.4	135.9	135.4	134.9	134.4	133.8	133.2	132.8
15,0°	140.2	139.6	138.8	138.0	137.3	136.6	135.9	135.1	134.3	133.6	132.8	131.9	131.1	130.4	129.8
17,5°	139.7	138.5	137.5	136.4	135.4	134.6	133.9	133.2	132.3	131.4	130.6	129.8	129.0	128.3	127.5
20,0°	139.1	137.8	136.6	135.4	134.4	133.3	132.3	131.4	130.4	129.4	128.5	127.6	126.8	125.9	125.3
22,5°	139.3	137.8	136.4	135.2	133.8	132.4	131.1	129.8	128.5	127.4	126.3	125.4	124.4	123.6	123.0
25,0°	140.1	138.4	136.7	134.9	133.2	131.5	129.9	128.5	126.9	125.5	124.5	123.3	122.4	121.4	120.6
27,5°	141.3	139.2	137.1	134.9	132.8	131.0	129.1	127.2	125.6	124.0	122.8	121.6	120.3	119.1	118.2
30,0°	142.2	140.0	137.6	135.3	132.9	130.7	128.7	126.7	124.8	122.9	121.3	119.9	118.3	116.9	115.6
32,5°	142.9	140.5	138.3	135.8	133.2	130.8	128.5	126.2	123.9	121.9	119.9	118.2	116.5	114.8	113.1
35,0°	144.0	141.3	138.6	135.9	133.3	131.0	128.2	125.6	122.9	120.5	118.2	116.0	114.1	112.2	110.5
37,5°	145.2	142.2	139.2	136.3	133.5	130.3	127.4	124.7	121.8	118.7	116.0	113.6	111.4	109.5	107.9
40,0°	146.9	143.5	140.1	136.9	133.5	129.9	126.4	123.1	120.3	117.3	114.2	111.2	108.6	106.5	104.9
42,5°	148.3	144.3	140.5	137.2	133.5	129.6	125.7	122.1	118.7	115.6	112.2	109.2	106.0	103.3	101.0
45,0°	150.4	146.1	141.8	137.8	134.0	130.3	126.3	122.5	118.4	114.9	111.1	107.4	103.6	99.7	96.4
47,5°	154.1	149.6	145.6	141.5	137.5	132.9	128.8	124.5	120.0	115.9	112.0	107.6	103.4	99.2	94.9
50,0°	166.8	160.9	155.2	149.5	143.5	137.9	131.6	126.4	122.1	117.8	113.2	108.3	104.2	100.6	97.6
52,5°	179.8	174.5	170.1	164.1	156.2	147.8	139.1	130.8	123.7	117.4	111.7	105.9	101.2	98.0	96.6
55,0°	185.2	177.8	170.1	162.7	154.9	147.7	140.2	134.0	127.2	119.1	111.1	103.6	97.7	94.2	93.3
57,5°	199.9	189.5	178.3	167.1	155.5	144.5	134.5	125.1	116.9	109.6	103.4	97.8	92.4	89.1	88.8
60,0°	220.3	197.3	182.2	170.4	157.7	146.8	134.4	121.2	108.5	98.4	90.5	84.7	81.8	81.5	82.9
62,5°	252.5	213.6	190.4	175.7	159.1	144.8	128.9	112.2	98.3	87.7	81.0	76.8	75.3	76.6	78.9
65,0°	290.5	245.2	206.5	177.3	153.7	132.3	113.9	98.3	86.6	78.9	74.8	72.4	71.4	72.1	74.4
67,5°	339.6	279.5	227.5	177.0	142.6	117.7	98.8	85.5	76.4	71.1	68.2	66.4	65.4	65.9	67.6
70,0°	393.3	334.0	256.5	185.8	133.6	105.7	86.3	74.3	67.3	63.1	60.3	58.7	58.0	57.8	59.4
72,5°	430.2	379.5	299.1	206.5	133.5	92.5	71.9	61.6	56.0	52.6	50.3	48.5	47.7	47.8	49.6
75,0°	415.5	386.9	326.1	231.4	141.2	86.0	60.7	50.0	44.1	40.5	38.4	37.2	37.1	37.4	38.3
77,5°	334.1	328.0	299.2	241.7	154.5	82.0	48.4	36.8	31.1	28.1	26.7	25.5	25.2	25.7	26.4
80,0°	211.1	214.2	200.9	168.0	117.3	62.4	29.3	20.8	17.4	15.4	14.2	13.9	13.9	14.3	13.9
82,5°	78.3	80.0	78.5	71.8	58.2	35.0	15.2	8.8	7.4	6.4	5.7	5.3	5.4	5.7	5.6
85,0°	3.8	3.8	4.0	4.1	4.3	4.2	3.4	2.7	2.4	2.3	2.1	2.0	1.9	1.8	1.7
87,5°	1.9	1.8	1.8	1.6	1.6	1.5	1.5	1.3	1.3	1.3	1.1	1.1	1.1	1.1	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	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
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°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	0.2	0.2
2,5°	141.8	141.8	141.8	141.8	141.8	141.9	141.8	141.8	141.8	141.8	141.8	141.9	141.9	1.7	1.9
5,0°	139.8	139.7	139.8	139.7	139.7	139.6	139.6	139.7	139.6	139.6	139.7	139.7	139.6	3.4	5.3
7,5°	137.7	137.5	137.4	137.2	137.1	137.0	136.8	136.7	136.7	136.6	136.6	136.6	136.6	5.1	10.4
10,0°	134.7	134.5	134.1	133.9	133.6	133.5	133.3	133.2	133.2	133.2	133.1	133.1	133.2	6.7	17.1
12,5°	132.3	131.9	131.5	131.1	130.8	130.5	130.2	130.0	129.9	129.8	129.8	129.7	129.8	8.3	25.5
15,0°	129.2	128.7	128.1	127.7	127.4	127.2	127.0	126.9	127.0	127.0	127.1	127.2	127.2	9.9	35.3
17,5°	126.8	126.2	125.5	125.1	124.6	124.3	124.2	124.0	124.0	123.9	124.0	123.9	123.9	11.4	46.7
20,0°	124.7	124.2	123.5	122.9	122.3	121.8	121.4	121.1	120.9	120.8	120.8	120.8	120.8	12.9	59.6
22,5°	122.4	121.8	121.2	120.6	119.8	119.1	118.5	118.1	117.8	117.6	117.6	117.5	117.4	14.4	74.0
25,0°	119.7	119.1	118.3	117.7	116.9	116.1	115.6	115.1	114.5	114.3	114.2	114.1	114.2	15.9	89.9
27,5°	117.0	116.1	115.3	114.7	113.9	113.2	112.5	111.8	111.1	110.6	110.3	110.1	110.1	17.3	107.2
30,0°	114.3	113.3	112.4	111.5	110.7	110.0	109.2	108.5	107.8	107.0	106.6	106.5	106.4	18.6	125.8
32,5°	111.8	110.6	109.5	108.5	107.6	106.7	105.9	105.2	104.4	103.6	103.1	102.7	102.7	20.0	145.8
35,0°	109.1	107.8	106.6	105.6	104.4	103.3	102.3	101.5	100.6	99.6	98.8	98.2	98.1	21.4	167.2
37,5°	106.5	105.1	103.7	102.4	101.0	99.3	98.0	96.9	95.9	94.8	93.8	93.0	92.8	22.8	190.0
40,0°	103.2	101.4	99.7	98.0	96.0	93.8	92.0	90.9	89.8	88.6	87.6	86.9	86.8	24.7	214.6
42,5°	98.6	96.1	93.4	90.9	88.6	86.1	84.7	83.9	82.1	80.4	79.4	78.7	78.7	26.6	241.3
45,0°	92.8	89.4	86.2	83.0	80.4	77.9	76.4	75.7	74.4	73.1	72.5	71.9	71.7	28.4	269.7
47,5°	90.8	87.5	84.4	82.0	80.0	78.3	77.1	77.0	76.7	76.5	76.6	76.5	76.4	31.1	300.7
50,0°	95.5	94.6	94.8	96.3	98.8	101.6	104.9	109.2	112.6	115.5	117.9	119.1	119.4	35.8	336.5
52,5°	97.6	100.0	104.4	110.6	118.5	126.5	134.5	142.9	149.7	155.3	159.0	161.2	161.7	41.6	378.2
55,0°	96.1	101.2	108.2	117.3	128.1	139.3	149.5	159.6	168.4	174.7	179.0	181.7	182.0	50.3	428.5
57,5°	92.0	97.7	105.7	115.2	125.6	137.4	147.7	156.0	164.1	168.5	171.3	173.0	173.5	62.1	490.5
60,0°	86.4	92.0	99.3	107.9	116.7	125.7	134.1	140.1	144.4	147.1	148.2	148.8	148.9	73.7	564.2
62,5°	82.3	86.6	92.5	98.5	103.8	108.3	112.0	113.8	113.3	112.8	111.5	109.6	109.0	81.0	645.2
65,0°	77.0	80.1	84.5	88.9	92.5	94.7	96.5	96.0	94.6	92.1	89.7	87.9	86.8	81.9	727.1
67,5°	71.0	74.2	78.2	81.7	83.6	84.2	84.2	82.0	79.9	77.4	74.4	72.9	71.2	75.6	802.6
70,0°	62.4	65.9	69.3	72.3	71.9	69.4	67.1	62.8	60.2	56.1	54.8	52.6	50.9	64.8	867.5
72,5°	51.7	55.1	56.3	57.8	55.6	52.7	49.5	43.5	40.9	37.7	40.4	36.4	33.9	51.4	918.8
75,0°	40.3	40.8	40.7	39.5	38.9	34.0	24.1	14.9	12.9	12.3	18.1	12.0	11.0	38.4	957.2
77,5°	26.4	26.6	26.8	23.3	15.7	8.2	7.0	6.6	6.4	5.6	5.3	4.7	4.7	25.3	982.6
80,0°	14.0	13.2	11.4	6.5	4.5	4.0	3.4	3.2	3.0	2.4	1.9	1.7	1.8	12.1	994.7
82,5°	5.4	4.7	3.5	2.7	2.4	2.1	1.9	1.7	1.5	1.2	1.1	1.1	1.0	4.2	998.8
85,0°	1.5	1.5	1.4	1.2	1.2	1.1	1.0	0.9	0.9	0.7	0.7	0.7	0.6	0.8	999.6
87,5°	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.4	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 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
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	19170	146.7	161.2	154.0
95	241	252	18189	135.9	149.3	142.6
90	229	250	17283	126.6	138.9	132.8
85	216	248	16302	117.1	128.4	122.8
80	203	246	15321	107.9	118.3	113.1
75	190	243	14340	99.3	108.6	104.0
70	178	241	13434	91.5	100.1	95.8
65	165	238	12453	83.4	91.3	87.4
60	152	235	11472	75.7	82.7	79.2
55	140	232	10566	68.9	75.2	72.1
50	127	229	9585	61.7	67.3	64.5
45	114	225	8604	54.7	59.6	57.2
40	102	221	7698	48.3	52.8	50.6
35	89	216	6717	41.7	45.4	43.6
30	76	210	5736	35.3	38.5	36.9
25	63	203	4755	29.2	31.7	30.4
20	51	195	3849	23.8	25.8	24.8
15	38	184	2868	18.1	19.5	18.8
11	27	172	2038	13.3	14.3	13.8

Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	19170	141.2	147.7	144.4
95	241	252	18189	131.5	137.4	134.4
90	229	250	17283	123.1	128.5	125.8
85	216	248	16302	114.1	119.2	116.6
80	203	246	15321	105.6	110.2	107.9
75	190	243	14340	97.3	101.6	99.4
70	178	241	13434	90.1	94.0	92.0
65	165	238	12453	82.4	85.9	84.2
60	152	235	11472	74.9	78.1	76.5
55	140	232	10566	68.2	71.2	69.7
50	127	229	9585	61.2	63.8	62.5
45	114	225	8604	54.4	56.7	55.6
40	102	221	7698	48.1	50.3	49.2
35	89	216	6717	41.6	43.4	42.5
30	76	210	5736	35.3	36.8	36.0
25	63	203	4755	29.3	30.4	29.8
20	51	195	3849	23.9	24.7	24.3
15	38	184	2868	18.2	18.8	18.5
11	27	172	2038	13.4	13.9	13.6

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
Dimmstufen-Tabelle		siteco
Umgebungstemperatur: 15°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	19170	143.5	152.2	147.8
95	241	252	18189	133.4	141.3	137.4
90	229	250	17283	124.6	131.9	128.2
85	216	248	16302	115.4	122.2	118.8
80	203	246	15321	106.6	112.7	109.6
75	190	243	14340	98.2	103.8	101.0
70	178	241	13434	90.7	95.8	93.2
65	165	238	12453	82.8	87.5	85.2
60	152	235	11472	75.2	79.5	77.4
55	140	232	10566	68.5	72.3	70.4
50	127	229	9585	61.4	64.8	63.1
45	114	225	8604	54.5	57.5	56.0
40	102	221	7698	48.2	50.9	49.6
35	89	216	6717	41.6	43.9	42.8
30	76	210	5736	35.3	37.2	36.2
25	63	203	4755	29.1	30.7	29.9
20	51	195	3849	23.8	24.9	24.4
15	38	184	2868	18.1	18.9	18.5
11	27	172	2038	13.4	14.0	13.7

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3P31D08MB EAN: 4058352729915	LP-Nummer 59337_6
---	---	-----------------------------

Lichtstrom-Tabelle	siteco
---------------------------	---------------

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	19170.0	146.7
5.0	19170.0	141.2
15.0	19170.0	143.5