

Lichttechnischer Prüfbefund

Familie
Streetlight 21 micro LED

Bestell-Nr.: 5XE1A41D08CB
EAN: 4058352739419

LP-Nummer
59080_555



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	Einscheibensicherheitsglas (ESG)
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 2980 lm Systemleistung = 19.4 W Lichtausbeute = 153.6 lm/W

Seriendokumentation
16.05.2023

siteco

Lichtstärke in cd/klm

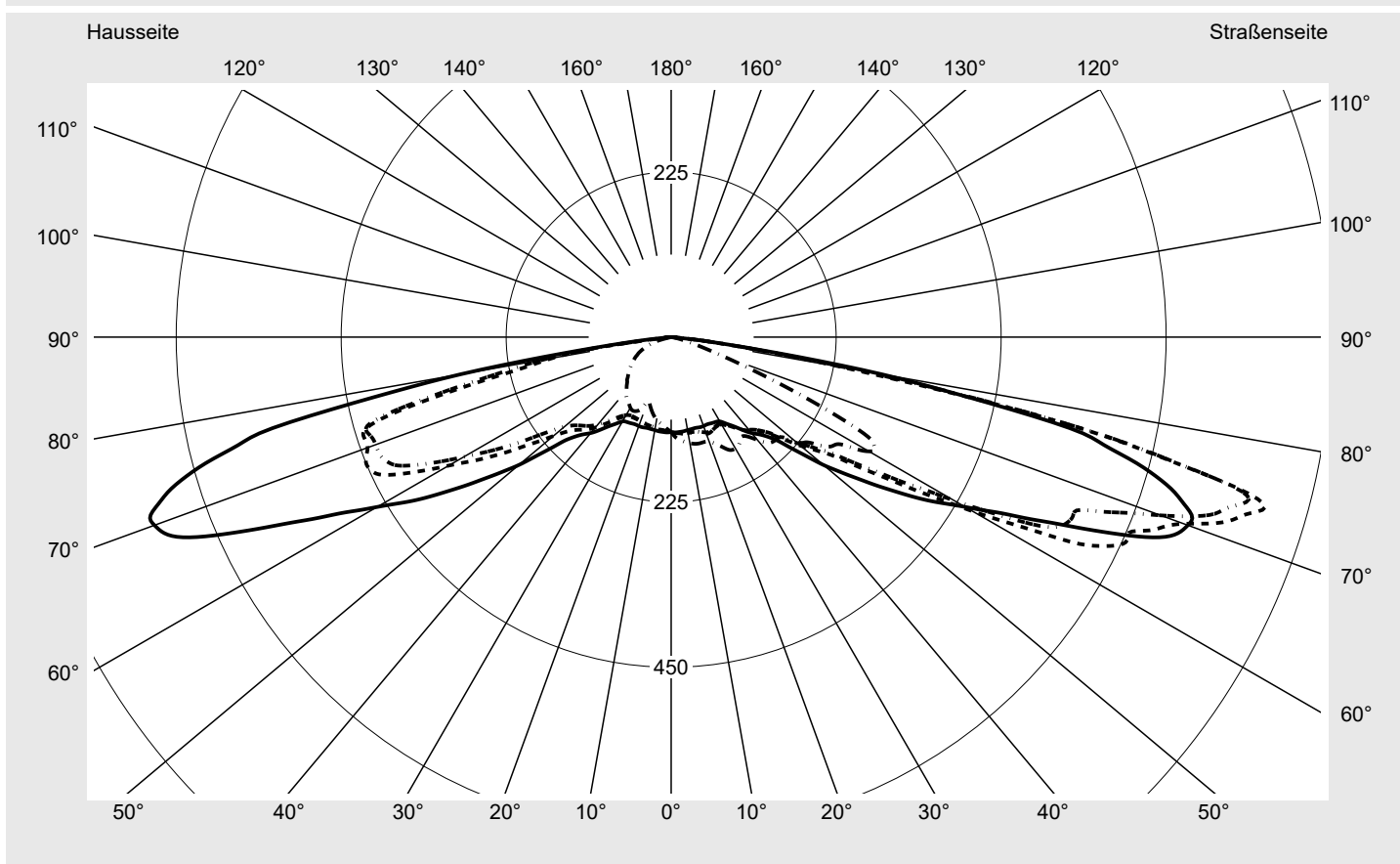
C180-0

C192.5-12.5

C195-15

C270-90

Imax: 842 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	827.2
Imax 80°	295.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

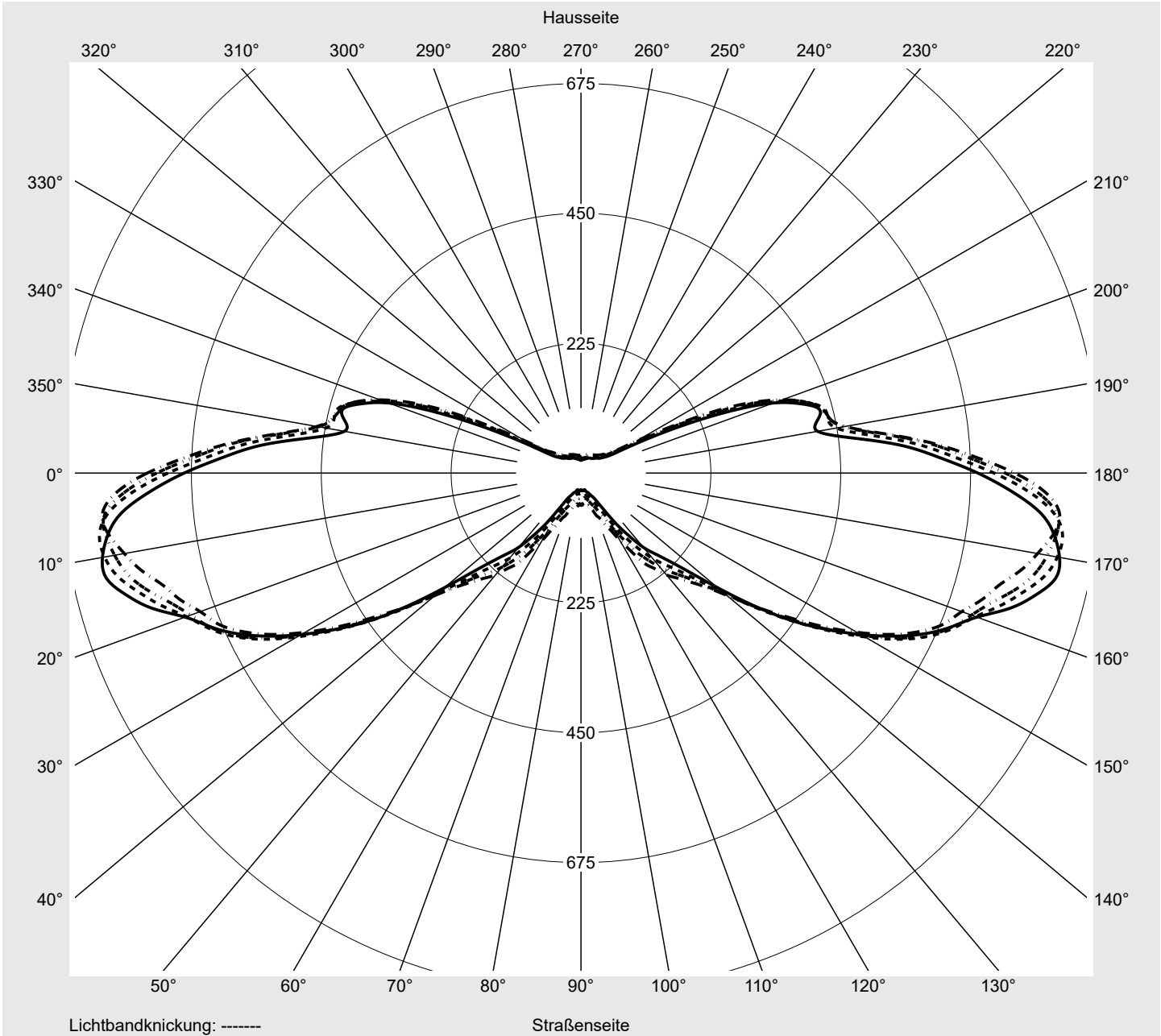
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 74°** **KMK 73°** **KMK 72°** **KMK 71°** **siteco**



Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
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°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2,5°	130.0	130.1	130.3	130.6	130.7	130.9	131.0	130.9	131.2	131.5	131.5	131.5	132.1	132.1	132.4
5,0°	129.8	130.2	130.2	130.3	130.9	131.5	131.5	132.7	132.7	132.3	133.9	133.9	133.9	133.9	133.9
7,5°	129.5	129.7	130.7	130.9	131.7	132.7	133.3	133.3	133.7	134.3	134.5	134.7	135.0	135.7	136.1
10,0°	128.7	129.4	130.3	131.2	131.8	132.9	133.5	133.4	134.1	134.5	135.0	135.6	135.9	136.5	137.0
12,5°	128.3	129.3	130.4	131.1	131.8	132.7	133.2	134.1	134.3	135.2	136.1	137.1	137.8	138.3	138.8
15,0°	128.1	129.8	131.2	131.9	132.4	133.5	133.6	134.9	135.7	137.1	138.3	139.0	139.8	140.4	141.4
17,5°	128.9	130.6	131.8	133.0	134.2	135.3	136.5	137.9	139.2	140.4	141.6	142.9	143.8	144.6	145.3
20,0°	129.0	131.1	133.1	134.7	136.9	138.3	140.4	142.3	143.6	144.7	145.7	146.7	147.5	148.3	149.5
22,5°	128.7	131.0	133.3	135.2	136.9	138.7	140.4	142.6	144.5	146.0	147.6	149.4	150.9	151.8	152.9
25,0°	129.5	131.5	133.4	134.4	135.5	136.8	137.9	139.1	141.8	144.2	146.7	149.1	151.4	154.4	156.5
27,5°	130.5	131.6	132.2	133.1	134.0	135.3	136.5	138.4	139.6	142.3	143.9	146.5	149.4	152.2	155.3
30,0°	132.7	133.8	134.2	135.4	136.5	136.4	137.5	138.9	139.5	141.3	142.6	144.2	145.6	148.3	152.2
32,5°	139.9	140.6	141.8	141.7	142.3	142.3	143.1	143.2	143.3	143.7	144.3	144.6	145.6	147.1	149.6
35,0°	148.3	149.2	149.7	150.8	151.6	150.5	149.9	150.7	150.4	149.4	148.7	147.3	146.8	147.3	149.2
37,5°	159.3	159.5	159.2	159.1	159.8	159.1	158.7	157.5	156.7	156.1	154.6	152.1	150.4	149.6	150.3
40,0°	170.7	169.7	168.2	167.0	166.3	166.1	164.9	163.2	161.8	160.8	159.4	157.5	155.7	153.6	151.4
42,5°	180.4	178.2	176.3	175.2	174.5	173.0	171.5	169.7	168.1	166.8	165.3	163.3	160.7	157.4	154.6
45,0°	195.4	192.7	189.9	187.8	186.5	185.0	182.8	181.1	178.8	176.6	173.8	169.4	164.9	161.5	157.9
46,0°	204.7	201.7	198.4	195.6	193.6	191.9	189.0	185.3	182.7	181.6	178.3	173.1	168.0	164.1	160.1
47,0°	219.1	215.1	210.6	206.8	203.4	200.3	197.7	194.3	190.5	187.5	183.4	177.4	171.8	167.6	163.2
48,0°	234.4	230.0	224.1	218.4	213.3	209.0	205.0	201.2	197.3	193.9	189.1	182.7	176.9	171.9	167.3
49,0°	252.0	247.1	240.5	232.8	226.0	219.8	214.6	210.1	205.5	201.0	195.7	189.1	182.6	177.0	171.9
50,0°	271.2	264.6	255.6	247.1	238.2	230.4	225.0	220.1	214.4	209.3	203.8	197.4	189.9	183.4	177.7
51,0°	287.4	280.4	270.8	259.5	248.1	239.5	233.6	228.7	222.9	218.5	213.2	206.8	198.2	191.4	186.0
52,0°	304.5	297.1	286.3	273.6	260.8	250.5	243.4	238.2	233.8	229.2	223.6	217.4	209.0	201.2	194.9
53,0°	322.3	314.6	303.6	289.0	273.2	262.0	255.3	249.7	245.0	241.4	235.7	229.6	222.1	214.4	206.3
54,0°	342.2	335.0	324.1	309.5	293.1	277.6	267.5	261.7	259.3	254.8	249.3	243.3	235.8	228.6	220.1
55,0°	361.7	356.4	346.0	333.0	318.1	302.6	289.6	281.4	276.4	271.0	265.2	258.5	250.4	243.4	235.7
56,0°	382.5	379.8	370.6	357.3	342.9	328.9	314.5	302.8	296.4	289.5	282.4	275.5	267.1	259.6	252.5
57,0°	403.7	407.8	402.4	392.4	374.9	358.8	341.0	329.3	318.1	309.3	300.0	292.1	283.2	275.7	267.0
58,0°	423.5	433.3	435.7	429.9	414.5	395.0	373.7	354.8	341.7	330.8	319.4	310.1	299.6	290.0	279.1
59,0°	442.1	458.9	465.8	463.5	452.4	431.7	404.3	382.4	366.8	352.5	338.5	326.1	312.5	300.3	288.5
60,0°	463.0	490.9	504.4	507.6	495.8	474.9	446.0	419.5	393.9	374.5	355.5	337.7	320.7	307.7	296.3
61,0°	486.8	523.8	544.1	550.3	537.9	517.7	486.6	453.7	419.9	393.1	368.4	346.4	327.0	313.1	304.0
62,0°	511.8	557.2	585.4	594.8	585.8	564.0	529.0	487.6	440.2	404.5	374.4	350.2	330.9	319.6	313.7
63,0°	544.5	595.1	624.1	641.8	640.8	617.8	568.0	510.4	453.0	410.8	378.0	355.4	339.2	331.7	326.8
64,0°	577.3	628.9	664.7	682.7	679.6	649.5	588.8	519.2	459.0	416.7	385.9	368.8	357.9	354.0	348.8
65,0°	616.2	672.3	706.3	726.2	715.2	671.5	596.9	519.9	464.8	429.9	405.1	393.4	383.3	378.5	366.7
66,0°	656.9	717.8	753.3	761.9	740.6	680.6	599.8	526.4	481.3	456.0	435.9	426.7	414.0	403.3	384.1
67,0°	696.5	765.3	796.9	790.2	747.7	680.0	603.4	543.4	510.0	491.9	476.9	467.3	447.0	426.5	400.2
68,0°	726.8	796.6	823.4	802.1	760.5	703.3	635.5	585.5	553.5	541.2	527.7	511.3	480.9	451.4	414.7
69,0°	742.6	807.9	826.0	806.4	771.3	720.6	668.9	639.2	610.6	599.9	580.0	553.5	514.6	471.5	422.7
70,0°	749.8	808.5	827.2	810.6	776.0	744.0	710.5	696.5	664.9	649.0	621.1	584.0	536.6	484.6	426.9
71,0°	751.5	807.4	832.7	824.7	803.3	780.0	750.1	728.7	702.0	681.9	649.2	605.7	551.9	494.1	433.6
72,0°	735.1	793.2	828.5	830.5	820.5	805.5	779.4	746.5	719.8	696.3	664.7	619.2	562.9	502.4	441.0

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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°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2,5°	132.3	132.2	132.2	132.3	132.6	132.7	133.2	133.0	133.0	132.8	133.3	133.1	133.7	133.7	133.7
5,0°	134.2	134.6	135.0	134.6	135.2	135.3	135.7	136.2	136.3	136.8	137.3	137.4	137.8	138.2	138.8
7,5°	136.4	136.5	136.8	137.0	137.5	137.7	138.4	138.4	138.7	139.1	139.8	140.6	141.3	141.4	142.0
10,0°	137.6	137.7	138.4	138.8	139.3	140.0	139.9	141.0	141.0	140.9	142.3	142.9	144.0	144.6	144.9
12,5°	139.1	139.7	140.6	140.9	141.8	141.8	142.8	143.2	144.0	144.6	145.4	146.0	146.5	147.2	147.8
15,0°	141.7	142.7	143.5	144.3	144.5	145.1	145.7	146.4	146.5	146.8	148.2	148.2	149.0	149.0	149.0
17,5°	146.1	146.6	147.2	147.7	148.1	148.6	148.5	148.9	149.5	150.1	150.8	150.7	150.7	151.1	151.3
20,0°	150.4	151.0	152.0	152.3	152.2	152.0	152.7	152.7	152.7	153.1	153.8	153.7	154.3	154.4	154.4
22,5°	154.1	155.3	155.7	156.2	156.2	156.7	156.6	156.5	156.8	157.0	157.6	158.1	158.2	158.3	157.9
25,0°	158.4	159.8	160.4	160.8	160.8	161.8	161.1	161.5	162.8	163.5	164.6	165.9	165.4	165.3	165.2
27,5°	159.5	163.1	166.1	167.3	168.0	169.5	170.4	171.8	173.6	174.8	175.7	176.0	175.2	174.3	173.7
30,0°	157.8	163.8	170.1	175.4	179.1	181.2	182.8	183.3	184.4	186.1	186.5	185.3	182.1	179.7	179.5
32,5°	153.9	160.6	170.5	179.7	187.5	190.4	189.8	189.2	189.4	190.3	188.6	183.3	178.1	175.1	174.2
35,0°	153.4	159.2	166.6	176.2	185.1	190.5	189.9	186.6	184.1	183.4	181.2	176.9	173.5	170.8	169.7
37,5°	152.5	156.6	160.8	166.3	174.1	178.7	179.7	178.1	177.7	179.6	179.4	176.0	173.8	173.6	173.7
40,0°	150.7	152.6	156.2	158.0	160.9	166.4	172.0	175.8	178.3	180.1	181.2	182.6	185.0	186.8	187.8
42,5°	152.1	151.1	151.9	153.3	155.1	161.2	170.5	179.1	186.4	191.2	196.2	200.4	204.9	207.1	208.8
45,0°	154.4	152.4	151.4	152.2	154.4	161.2	173.9	187.8	197.9	206.4	214.4	219.2	220.4	221.0	220.6
46,0°	156.8	154.2	152.3	152.0	154.4	162.3	176.9	191.9	203.0	212.3	219.3	223.7	225.6	226.0	224.2
47,0°	159.3	155.9	153.5	152.9	155.4	163.2	179.7	196.9	208.7	216.6	223.5	227.8	229.7	229.5	227.0
48,0°	162.9	158.3	154.9	154.4	156.9	164.8	182.8	202.5	214.9	223.0	227.9	230.8	232.1	232.7	229.7
49,0°	167.0	161.6	157.6	156.5	158.6	167.3	186.6	205.1	218.0	227.9	233.7	235.2	235.5	232.7	227.4
50,0°	172.4	166.7	162.1	159.8	162.8	172.1	192.5	210.8	222.3	232.5	240.2	238.7	237.0	231.9	231.0
51,0°	179.5	173.2	168.4	165.8	167.9	178.2	199.4	217.3	228.7	242.7	247.0	242.8	240.7	239.5	240.4
52,0°	188.3	181.1	176.5	174.3	175.4	185.6	206.8	225.7	234.5	250.3	256.2	250.7	251.3	251.7	252.5
53,0°	199.1	192.5	187.3	184.8	187.3	197.4	216.4	234.3	243.1	255.2	262.6	261.0	261.3	261.6	259.5
54,0°	211.4	204.1	198.1	194.7	197.2	207.8	225.6	243.6	252.2	263.2	267.6	265.3	265.7	263.2	265.7
55,0°	225.6	216.7	210.3	205.8	207.3	217.9	235.7	253.0	260.3	267.9	267.4	266.0	264.8	268.9	272.9
56,0°	242.9	231.7	222.7	215.8	216.2	226.9	245.2	260.0	265.8	271.7	267.4	266.6	272.6	279.8	285.0
57,0°	256.6	242.7	230.7	222.5	224.4	237.4	256.6	270.0	275.0	276.9	273.4	278.4	287.1	293.0	294.1
58,0°	267.0	252.5	239.5	231.6	236.3	249.1	269.9	282.1	286.2	286.1	284.8	290.5	296.1	296.1	292.3
59,0°	275.1	261.5	251.5	246.7	251.1	265.1	284.7	293.7	293.8	291.6	290.8	291.7	291.7	287.0	280.5
60,0°	284.0	273.4	267.4	262.1	264.9	275.2	289.6	297.1	293.2	288.3	287.8	283.3	276.8	271.4	267.0
61,0°	295.2	288.3	282.9	276.8	275.2	283.2	292.3	296.7	291.1	284.7	275.8	264.0	256.0	253.0	248.6
62,0°	307.9	303.5	296.1	285.9	281.2	285.6	290.8	294.6	287.8	273.9	253.1	243.4	235.4	229.8	229.9
63,0°	325.0	318.0	303.9	290.6	283.2	285.9	289.3	289.9	273.7	253.6	233.3	221.8	211.9	211.9	209.1
64,0°	341.2	326.9	309.7	293.8	283.9	282.3	281.1	274.7	256.7	235.3	211.7	199.1	193.4	193.6	191.7
65,0°	352.8	333.3	312.2	294.7	281.7	276.4	271.5	261.8	241.0	218.1	194.4	183.9	179.8	185.1	187.2
66,0°	364.1	339.0	312.0	291.3	277.3	269.7	260.5	247.6	227.0	205.5	183.8	172.3	175.8	179.9	177.1
67,0°	372.5	340.2	309.8	288.3	273.9	261.1	249.4	234.9	216.6	195.2	174.3	169.9	169.0	168.7	160.7
68,0°	376.6	339.3	307.3	284.1	267.4	254.8	240.2	224.7	206.7	187.2	169.8	160.5	156.2	150.6	140.6
69,0°	378.0	337.0	303.1	279.7	261.4	248.2	230.0	216.2	197.6	177.5	156.8	143.5	133.4	125.9	112.3
70,0°	379.0	333.2	296.9	274.0	256.2	241.0	221.8	206.9	185.4	161.6	136.5	122.6	110.2	100.6	89.2
71,0°	380.2	329.5	291.8	266.6	246.9	230.4	208.3	190.5	159.5	134.8	111.8	98.3	84.6	78.5	68.0
72,0°	380.9	328.8	285.3	254.5	233.9	212.8	189.2	165.6	135.3	111.5	87.8	75.3	65.1	59.8	54.3

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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°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2,5°	134.2	134.8	135.3	136.1	136.5	137.3	136.6	129.9	129.8	129.6	129.0	128.7	128.7	128.7	128.4
5,0°	139.4	140.0	140.1	140.7	141.4	140.9	140.7	129.5	129.1	128.7	128.3	127.4	127.4	126.6	126.8
7,5°	142.7	143.2	143.2	143.9	143.7	143.7	144.0	129.0	128.6	128.0	127.5	127.0	126.6	125.7	125.6
10,0°	146.5	146.2	146.2	146.6	146.9	147.1	146.8	127.8	127.1	126.8	126.3	125.9	125.2	124.3	123.7
12,5°	148.2	148.4	148.7	148.9	148.9	148.9	149.0	127.2	126.3	125.7	125.1	124.8	124.1	123.1	122.4
15,0°	149.6	149.6	149.8	149.9	149.2	150.1	149.9	126.9	125.7	124.8	124.4	123.7	122.8	121.6	121.8
17,5°	151.3	150.9	150.9	150.4	149.9	149.7	149.9	127.6	126.1	124.9	124.4	123.3	122.3	121.4	121.0
20,0°	153.6	152.6	151.9	151.5	151.4	151.1	151.7	127.5	125.9	124.5	123.3	122.4	121.4	120.7	119.9
22,5°	157.5	157.1	156.5	157.0	156.5	156.9	157.3	126.8	125.2	123.7	122.4	121.5	120.5	119.7	118.7
25,0°	165.1	164.2	164.7	165.5	165.0	165.5	165.2	127.3	125.4	123.8	122.5	121.3	120.1	118.6	117.2
27,5°	173.5	173.9	173.5	173.8	173.0	173.2	173.5	128.5	126.7	124.9	123.5	122.2	120.4	118.8	116.5
30,0°	178.9	177.7	177.0	176.3	176.8	176.0	175.1	131.7	130.5	128.3	126.4	125.1	122.8	120.4	118.1
32,5°	173.5	173.0	173.0	172.8	172.9	173.2	172.6	138.3	137.1	134.9	133.2	130.6	128.0	125.0	122.1
35,0°	170.0	168.9	167.3	167.4	167.1	167.1	166.5	147.9	146.5	144.5	141.9	139.4	136.1	132.2	128.5
37,5°	173.7	173.6	173.2	172.2	171.0	170.3	170.8	158.6	157.7	155.9	153.3	149.6	145.3	140.1	134.5
40,0°	188.8	190.4	190.0	187.7	185.1	185.5	183.1	170.8	170.5	168.8	165.4	160.8	155.4	148.2	140.3
42,5°	208.1	208.2	205.7	202.0	198.6	196.9	195.3	181.9	182.1	180.4	176.3	170.9	164.1	156.0	146.3
45,0°	219.8	219.1	211.9	206.8	202.3	200.3	199.6	196.8	195.8	192.1	185.9	178.7	170.7	161.6	149.9
46,0°	221.6	220.1	215.8	208.2	203.8	199.4	200.2	206.7	205.1	199.7	191.3	182.5	173.3	163.8	151.7
47,0°	225.1	220.0	216.5	208.6	202.4	199.4	200.9	220.4	217.5	209.6	198.4	187.1	176.4	166.0	153.5
48,0°	223.8	218.1	213.4	208.7	205.1	202.2	203.9	234.7	230.7	220.8	207.0	193.0	179.9	168.1	155.3
49,0°	225.4	221.9	218.0	215.3	213.6	213.8	211.3	252.4	247.3	235.2	218.0	200.6	184.6	170.9	156.9
50,0°	232.0	238.3	229.2	229.7	226.0	226.3	221.1	271.6	265.3	251.0	230.9	209.9	190.4	174.0	158.7
51,0°	245.9	254.8	243.7	239.2	234.6	232.2	229.1	288.6	281.5	265.8	244.0	220.5	197.9	178.4	160.7
52,0°	254.1	264.9	251.3	239.5	233.7	227.4	232.8	305.6	297.9	280.8	257.0	232.1	207.7	185.3	163.7
53,0°	260.6	268.5	258.6	250.6	245.3	241.8	240.2	323.0	314.0	295.0	269.5	243.8	218.8	194.4	170.5
54,0°	266.7	278.9	272.6	264.4	256.2	255.8	251.2	341.5	330.2	309.8	283.5	257.6	232.3	206.3	180.8
55,0°	279.0	284.8	282.6	277.9	267.3	266.0	260.4	358.0	344.1	323.7	298.3	273.1	248.0	220.9	192.8
56,0°	285.5	286.4	287.4	277.1	267.9	263.3	265.4	375.9	358.3	336.6	311.7	287.8	263.3	236.6	208.1
57,0°	292.4	287.8	284.1	272.9	266.3	263.3	268.4	393.0	371.9	349.2	325.6	303.1	278.7	252.5	226.6
58,0°	290.7	286.3	291.3	294.4	283.6	280.5	277.6	407.6	384.4	360.6	339.4	318.3	294.1	267.9	240.5
59,0°	278.7	278.8	289.0	302.1	302.5	298.0	297.9	419.7	394.1	371.3	352.6	333.1	309.5	284.0	258.1
60,0°	267.7	269.5	280.0	297.0	305.9	315.0	311.4	434.3	407.6	387.1	369.0	350.3	326.4	301.1	274.3
61,0°	249.9	252.8	265.4	286.0	308.3	317.7	317.6	450.6	421.7	403.7	387.6	370.0	345.0	318.0	288.7
62,0°	232.5	233.4	247.8	271.2	300.1	311.6	313.3	469.5	435.9	420.6	407.3	389.8	363.8	334.8	303.1
63,0°	210.5	214.1	229.5	256.6	289.2	307.1	304.1	497.2	456.6	439.8	427.7	409.9	382.2	351.1	315.1
64,0°	195.8	207.8	221.2	242.0	263.9	272.6	274.0	528.6	481.2	461.4	447.0	428.4	399.5	366.6	330.4
65,0°	193.0	195.0	200.9	209.0	222.4	228.7	232.2	566.7	509.6	482.8	462.0	441.7	413.6	380.6	343.9
66,0°	177.8	172.4	177.5	174.8	187.2	183.4	191.0	603.0	538.5	500.4	472.0	447.3	421.0	391.8	356.2
67,0°	155.5	148.8	147.2	145.6	152.3	149.9	152.3	631.8	566.0	518.3	478.9	450.1	425.8	400.5	365.3
68,0°	134.7	124.7	122.6	119.0	124.7	116.2	119.8	650.9	578.9	525.3	480.4	449.2	428.4	406.4	370.4
69,0°	104.5	96.5	91.9	88.9	92.3	87.9	93.4	662.8	586.6	524.4	475.2	444.8	428.8	409.6	374.1
70,0°	83.3	75.7	73.2	70.2	72.7	68.8	71.9	672.8	595.5	524.6	468.0	440.6	428.8	410.5	374.4
71,0°	64.9	58.0	57.5	54.0	57.0	53.2	55.9	678.9	607.0	526.4	464.7	439.8	429.5	409.7	370.6
72,0°	50.2	46.0	45.0	43.0	44.2	42.7	44.2	666.3	601.5	522.2	461.6	440.6	432.1	409.2	367.4

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
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°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2,5°	128.2	128.1	127.8	127.7	127.7	127.5	127.1	126.8	126.6	126.3	126.2	126.1	126.1	126.0	125.9
5,0°	126.9	126.5	125.9	125.4	125.4	125.3	124.9	124.4	123.9	123.9	123.5	123.2	122.8	122.5	122.5
7,5°	125.3	125.1	124.3	124.0	123.3	122.7	122.2	122.1	121.8	121.1	120.9	120.8	120.4	119.9	119.8
10,0°	123.9	122.6	121.8	121.7	121.7	121.0	120.4	120.1	119.7	119.7	119.6	119.1	118.5	118.3	117.8
12,5°	121.9	121.3	121.1	120.8	120.4	119.8	119.5	118.9	118.6	118.2	117.5	117.1	116.4	115.5	114.8
15,0°	120.4	120.6	119.3	119.3	118.7	118.6	118.2	117.2	116.3	115.7	115.0	114.2	113.2	112.3	111.2
17,5°	120.0	119.1	118.6	118.0	117.4	116.7	116.0	115.2	113.8	112.7	111.6	110.4	109.5	108.1	106.6
20,0°	118.6	118.1	117.7	116.7	115.9	114.6	113.4	112.2	110.8	109.1	107.7	105.8	104.0	102.0	100.2
22,5°	117.5	116.5	115.7	114.4	113.0	111.8	110.5	108.6	106.5	104.3	101.8	99.6	97.4	95.1	93.6
25,0°	116.1	114.9	113.7	112.6	111.4	108.9	106.4	104.0	100.4	97.8	94.9	92.8	91.3	89.7	88.7
27,5°	115.2	113.4	112.3	109.9	107.3	104.3	101.2	97.9	94.8	92.2	90.0	88.4	88.1	90.2	93.8
30,0°	115.2	113.9	110.3	107.0	103.4	99.8	95.6	92.7	89.8	88.1	87.1	89.4	93.5	98.4	103.7
32,5°	118.0	114.2	110.0	104.6	99.4	94.9	91.6	88.5	86.5	86.6	90.0	95.5	101.2	107.9	114.2
35,0°	123.1	117.2	109.8	102.4	96.5	91.5	87.3	85.2	85.9	89.2	94.5	101.0	107.7	114.2	119.5
37,5°	127.1	117.8	108.4	99.9	92.7	87.3	84.5	85.1	87.9	92.2	97.5	103.5	109.5	114.9	118.3
40,0°	130.1	117.6	106.1	95.9	88.2	84.0	84.2	87.3	91.0	94.3	98.5	103.2	107.5	110.8	111.7
42,5°	132.3	116.1	101.5	90.8	84.7	83.6	86.1	89.5	92.7	95.8	98.8	101.4	103.7	105.2	104.8
45,0°	132.9	113.6	97.6	87.9	84.7	86.1	88.9	91.1	93.2	95.3	97.0	98.4	99.1	98.8	97.5
46,0°	134.1	113.8	96.8	87.3	84.8	86.9	89.6	91.1	92.6	94.0	95.2	95.9	96.8	96.5	94.4
47,0°	135.5	114.2	96.4	87.2	86.1	88.2	89.9	91.1	92.1	92.5	93.4	93.9	94.3	93.7	91.4
48,0°	137.4	115.7	97.1	87.7	86.9	89.1	90.5	90.9	91.1	91.4	91.5	91.8	91.6	90.7	88.6
49,0°	139.2	117.5	98.4	88.8	88.0	90.1	90.7	90.3	90.0	89.5	89.6	89.7	89.0	87.9	85.9
50,0°	141.5	119.5	100.2	90.7	89.5	90.7	90.4	89.7	89.0	87.5	87.1	87.1	86.3	85.0	83.0
51,0°	142.6	122.1	103.3	92.8	91.3	92.2	91.0	89.6	87.8	85.9	84.5	84.0	82.7	81.4	80.3
52,0°	145.6	124.9	106.1	95.7	92.9	92.7	91.4	89.7	87.2	83.9	82.1	81.6	80.3	79.0	77.8
53,0°	149.7	128.4	109.4	98.4	95.5	94.1	91.8	89.3	86.0	82.5	80.1	79.3	78.2	76.7	75.5
54,0°	157.7	133.1	112.5	101.5	98.4	95.7	92.5	89.5	85.0	80.6	78.2	77.1	75.5	74.6	73.3
55,0°	166.4	140.2	117.6	104.4	99.6	96.3	92.6	88.2	83.2	78.6	75.7	74.3	73.2	72.3	70.9
56,0°	180.6	149.8	123.8	108.2	102.4	97.5	92.1	87.3	81.3	76.6	74.2	72.5	71.4	70.5	69.1
57,0°	197.8	164.1	133.4	112.4	104.1	97.9	91.6	85.5	79.5	74.6	72.0	70.6	69.4	68.6	66.8
58,0°	211.8	176.2	141.8	118.6	107.4	99.2	90.7	83.5	77.3	72.8	70.1	68.7	67.2	66.6	65.0
59,0°	228.1	190.9	153.0	125.5	110.3	99.6	90.0	82.2	75.5	71.0	68.4	66.8	65.1	64.4	63.2
60,0°	241.7	202.9	163.5	131.9	112.8	99.5	89.2	80.6	74.1	69.3	66.9	64.9	63.0	62.6	61.2
61,0°	255.1	213.4	172.0	139.1	117.1	100.1	87.3	78.2	72.0	68.0	65.1	63.1	61.4	60.5	59.0
62,0°	265.6	221.5	179.9	146.1	120.7	100.3	85.7	77.0	70.2	66.2	63.2	60.8	59.1	58.2	57.3
63,0°	274.1	228.8	185.4	149.5	121.3	99.4	84.2	74.2	68.4	64.3	61.3	59.0	57.2	56.1	55.7
64,0°	285.8	234.4	188.6	149.9	121.0	98.2	81.5	72.4	66.6	62.5	59.5	57.1	55.3	54.1	53.3
65,0°	294.0	239.3	189.9	149.1	116.5	94.6	79.2	70.0	64.2	60.2	57.6	55.3	53.5	52.2	51.1
66,0°	301.8	245.3	191.8	146.3	112.3	90.2	75.9	67.7	61.9	58.3	55.4	53.4	51.6	50.4	49.2
67,0°	310.4	249.2	190.8	139.6	105.4	85.2	72.3	64.4	60.1	56.4	53.4	51.0	49.3	48.6	47.5
68,0°	314.4	251.7	188.5	134.1	99.3	80.0	69.0	61.9	57.0	53.5	51.0	49.1	47.3	46.8	45.9
69,0°	318.7	252.9	183.3	127.5	92.5	76.0	64.9	58.2	53.6	50.9	48.0	46.5	44.4	44.6	43.3
70,0°	319.5	253.1	176.2	117.9	84.0	70.4	60.8	54.6	49.9	47.3	44.9	43.5	41.9	41.5	40.3
71,0°	318.7	249.1	168.2	110.7	75.1	64.1	56.1	50.5	46.9	44.4	42.0	40.6	39.3	38.6	37.4
72,0°	310.0	234.4	154.0	98.2	68.0	57.4	50.8	47.1	44.6	42.6	40.2	38.1	36.5	36.2	35.1

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
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°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	0.2	0.2
2,5°	125.8	125.7	125.6	125.6	125.5	125.5	125.4	125.3	125.3	125.3	125.3	125.3	125.3	1.6	1.7
5,0°	122.3	122.2	122.0	121.7	121.5	121.4	121.4	121.3	121.1	121.0	121.0	121.0	121.0	3.1	4.8
7,5°	119.5	119.4	119.2	119.1	118.7	118.0	118.0	118.0	118.0	118.0	117.9	117.9	117.9	4.6	9.5
10,0°	117.2	116.8	116.5	116.1	115.6	115.3	114.8	114.8	114.6	114.3	114.3	114.3	114.3	6.2	15.7
12,5°	114.2	113.6	112.6	112.3	111.6	111.2	110.7	110.4	110.0	109.5	109.4	109.3	109.3	7.7	23.3
15,0°	110.2	109.4	108.5	107.6	106.7	105.9	105.3	104.8	104.3	103.8	103.5	103.2	103.2	9.1	32.4
17,5°	105.0	103.8	102.4	101.3	100.2	99.2	98.4	97.6	97.1	96.8	96.9	96.2	96.4	10.6	43.0
20,0°	98.5	97.2	95.7	94.6	93.8	93.3	93.1	93.2	93.4	93.8	94.3	94.6	93.4	12.0	55.0
22,5°	92.4	91.4	91.0	91.6	93.2	95.2	97.4	99.6	101.2	103.2	104.0	104.7	105.0	13.6	68.6
25,0°	89.4	92.0	95.3	98.4	101.6	104.5	106.4	108.0	109.2	110.0	110.6	110.9	111.2	15.2	83.8
27,5°	97.9	102.1	105.9	109.0	111.2	112.5	113.3	113.5	113.5	113.5	113.3	113.0	113.0	17.0	100.7
30,0°	108.8	113.0	116.2	118.3	118.8	118.2	117.2	115.8	114.3	112.9	111.7	111.2	111.2	18.8	119.5
32,5°	118.5	121.1	122.0	121.4	119.9	118.2	115.9	113.3	110.8	109.2	107.8	107.2	107.2	20.4	139.9
35,0°	122.3	122.7	121.1	118.6	115.7	112.5	109.5	107.0	105.3	104.4	103.8	103.8	103.8	21.9	161.7
37,5°	118.4	116.4	113.4	109.6	106.4	103.8	102.0	100.7	100.3	99.9	100.0	100.1	100.4	23.4	185.1
40,0°	110.4	107.1	103.5	100.0	98.4	96.7	95.8	95.3	95.2	94.7	95.2	94.6	94.6	25.1	210.2
42,5°	102.7	99.2	96.2	94.3	92.6	91.2	90.6	89.9	90.0	89.6	89.5	89.2	89.7	27.1	237.3
45,0°	95.4	92.8	90.7	88.7	87.4	86.1	85.7	85.4	84.8	84.8	84.5	84.5	84.8	20.3	257.5
46,0°	92.3	89.9	88.4	86.8	85.3	84.1	83.6	83.2	82.7	82.6	82.6	82.6	83.5	12.0	269.6
47,0°	89.6	87.7	86.2	84.5	83.2	82.3	81.4	81.2	81.1	80.8	81.1	81.1	81.1	12.4	282.0
48,0°	87.0	85.2	83.9	81.8	81.1	79.9	79.3	79.0	79.2	78.7	79.3	79.2	79.2	12.8	294.8
49,0°	84.3	82.9	81.6	79.7	79.1	77.7	77.2	77.2	77.1	76.8	77.1	77.4	77.4	13.4	308.2
50,0°	81.8	80.2	79.0	77.7	77.4	75.9	75.3	75.1	75.3	75.0	75.3	75.9	75.6	14.0	322.2
51,0°	79.4	78.1	76.5	75.6	75.0	74.1	73.5	73.2	73.4	73.2	73.7	73.7	73.7	14.6	336.8
52,0°	77.0	76.0	74.9	73.8	72.9	72.2	71.6	71.4	71.6	71.6	71.9	71.9	71.9	15.3	352.1
53,0°	74.6	73.9	73.3	71.7	71.0	70.3	69.5	69.5	69.8	69.8	70.0	70.3	70.0	16.1	368.2
54,0°	72.3	71.3	71.3	69.8	69.2	68.5	67.6	67.7	67.9	67.9	68.2	68.2	68.2	17.0	385.2
55,0°	70.3	69.4	69.0	68.0	67.6	66.7	65.8	65.3	65.8	66.1	66.3	66.0	66.3	17.9	403.1
56,0°	68.0	67.5	66.8	66.0	65.8	64.6	63.9	63.3	63.6	63.9	64.5	64.2	64.5	18.8	422.0
57,0°	65.7	65.5	64.9	63.7	63.4	62.5	62.4	61.5	61.8	61.8	62.4	62.7	62.7	19.9	441.8
58,0°	63.8	63.3	63.0	61.9	61.2	60.3	60.0	59.4	59.7	59.9	60.2	60.8	60.8	21.0	462.8
59,0°	62.0	61.4	61.0	59.8	59.1	58.1	57.5	57.2	57.5	57.8	58.4	58.7	59.0	22.0	484.8
60,0°	60.1	59.3	58.7	57.6	56.9	56.0	55.6	55.1	55.4	55.9	56.5	56.8	57.1	23.0	507.8
61,0°	58.2	57.3	56.7	55.5	54.8	53.8	53.5	52.9	53.2	54.1	54.4	54.7	55.3	23.8	531.6
62,0°	56.4	55.5	54.3	53.3	52.6	51.7	51.3	50.8	51.3	51.7	52.2	52.8	52.8	24.5	556.1
63,0°	54.5	53.3	52.1	51.2	50.5	49.3	49.2	48.9	49.2	49.5	50.1	51.0	51.0	25.2	581.3
64,0°	52.7	51.2	50.0	48.8	48.3	47.1	47.1	46.8	47.0	47.4	48.2	48.8	49.1	25.7	607.0
65,0°	50.6	49.0	47.9	46.8	46.5	45.5	45.2	44.6	45.2	45.2	46.1	46.7	46.7	26.2	633.2
66,0°	48.4	47.0	46.5	45.1	44.6	43.8	43.3	42.5	43.1	43.1	43.6	44.2	44.2	26.7	659.9
67,0°	46.5	44.8	44.4	43.1	42.5	41.3	41.2	40.3	40.9	40.9	41.5	41.8	41.8	27.1	687.0
68,0°	44.5	42.9	42.3	41.3	40.3	39.1	38.8	38.5	38.7	38.5	39.3	39.3	39.3	27.6	714.6
69,0°	42.1	40.9	40.2	38.9	38.5	37.2	36.6	36.3	36.3	35.7	36.6	36.6	36.9	27.8	742.4
70,0°	39.7	38.4	37.7	36.7	36.4	35.4	34.8	33.9	33.8	33.5	33.5	33.5	33.8	27.9	770.3
71,0°	37.2	36.0	35.5	34.6	34.0	33.3	32.6	31.4	31.4	31.1	31.0	30.7	30.7	27.9	798.2
72,0°	34.8	33.6	33.4	32.2	31.5	30.8	30.2	29.5	29.2	28.6	28.9	28.3	28.3	27.6	825.8

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
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														
73,0°	715.6	779.1	824.2	841.6	838.1	823.1	794.4	762.7	727.5	700.2	667.8	623.7	567.8	507.8	446.5
74,0°	687.5	748.2	799.8	827.2	841.9	842.3	815.9	779.3	729.9	695.6	658.4	612.1	559.6	504.0	445.5
75,0°	651.6	701.3	748.4	774.9	800.0	804.8	799.9	771.0	717.3	674.7	631.6	580.3	534.9	485.6	426.3
76,0°	608.7	647.3	679.5	689.6	708.1	710.0	713.1	701.6	672.4	629.9	588.3	540.1	499.8	449.7	386.9
77,0°	567.9	591.4	613.0	614.5	622.5	621.0	626.0	616.5	596.1	565.6	533.9	486.1	445.6	392.9	336.5
78,0°	472.5	473.8	514.2	501.0	521.9	500.7	505.7	481.3	496.3	476.3	460.8	415.0	376.1	322.9	275.3
79,0°	375.2	360.7	361.2	350.5	357.1	355.1	374.0	364.8	383.9	370.5	367.3	329.3	301.1	249.1	210.3
80,0°	291.2	271.4	261.7	247.3	245.4	241.5	257.1	260.5	281.8	280.8	280.5	257.5	229.9	186.1	151.1
81,0°	190.7	180.2	174.1	167.4	165.9	162.1	162.3	163.6	192.2	200.0	206.8	198.4	180.8	146.2	112.5
82,0°	109.0	99.4	97.8	94.4	98.6	98.3	104.2	106.1	120.4	128.1	136.3	137.1	133.0	115.5	88.6
83,0°	60.8	57.5	59.6	58.3	60.8	58.8	59.1	55.9	72.0	76.5	84.2	85.7	83.9	74.8	66.2
84,0°	29.7	27.9	29.7	29.7	32.8	34.2	37.6	37.0	41.7	44.4	52.4	56.6	55.7	43.5	34.9
85,0°	6.7	6.3	6.4	6.5	8.1	8.4	12.6	14.0	24.2	25.5	28.4	28.0	22.6	11.1	7.3
86,0°	4.9	4.4	4.4	4.4	4.5	4.7	4.8	5.1	10.2	10.5	12.0	11.2	10.9	7.1	5.2
87,0°	3.7	3.8	3.8	3.9	4.0	3.3	3.3	2.5	3.4	2.8	2.8	2.9	2.8	2.4	2.4
88,0°	3.1	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.1	1.7	1.7	1.8
89,0°	2.5	2.5	2.5	2.6	2.5	2.9	2.9	2.1	2.2	1.9	2.0	1.2	1.2	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	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
		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														
73,0°	384.7	323.9	274.7	239.4	215.1	193.2	167.1	139.2	111.1	87.1	67.0	58.7	51.8	47.1	43.6
74,0°	377.9	309.4	252.7	215.3	189.7	168.1	138.2	110.5	80.9	60.9	49.0	44.0	40.0	36.3	34.7
75,0°	351.5	282.7	226.5	192.0	166.5	141.4	111.3	81.5	57.4	46.0	37.9	34.6	32.5	31.3	29.1
76,0°	312.4	248.2	198.9	167.2	141.0	114.1	81.3	57.8	41.7	35.9	31.2	27.8	24.7	23.2	20.7
77,0°	268.5	209.2	164.2	137.9	111.2	83.3	56.1	40.2	32.0	27.5	22.3	20.1	17.5	17.1	15.2
78,0°	216.5	171.6	134.8	112.8	83.6	60.3	40.6	30.0	24.3	20.2	17.4	16.0	14.0	12.4	11.2
79,0°	164.5	134.3	106.7	87.7	62.4	43.7	28.4	22.9	16.9	15.1	11.1	10.3	9.0	9.0	7.6
80,0°	121.9	102.2	85.4	65.8	38.8	26.7	20.0	14.8	12.3	9.7	7.5	6.8	6.0	6.0	5.2
81,0°	86.5	76.7	53.2	29.6	21.8	17.2	13.5	10.1	7.4	6.0	5.5	4.8	4.8	4.8	4.8
82,0°	50.7	38.4	30.2	14.8	10.4	10.4	7.9	6.6	5.3	4.7	3.1	3.1	3.5	3.6	3.6
83,0°	36.4	26.3	18.5	10.6	6.5	6.4	6.0	4.8	4.2	3.5	3.5	3.5	1.9	1.8	1.8
84,0°	26.3	9.4	6.3	5.7	4.6	4.6	3.2	2.6	1.9	1.8	1.8	1.8	1.8	1.8	1.8
85,0°	5.9	4.3	3.1	2.5	2.5	2.5	2.6	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.1
86,0°	3.0	2.5	2.5	2.5	1.9	1.9	2.0	1.8	2.0	1.8	2.0	2.1	2.1	2.1	1.2
87,0°	1.9	1.8	1.9	1.9	1.2	1.2	1.2	2.0	1.2	2.0	1.2	1.2	1.5	1.2	1.2
88,0°	1.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.2	0.6	1.5	1.2
89,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	0.4	1.4	0.6	0.6	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	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
		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														
73,0°	40.9	38.8	35.9	34.7	36.5	35.6	35.6	646.5	582.2	504.2	449.0	438.0	435.0	407.6	362.2
74,0°	32.7	29.7	31.1	30.0	30.4	30.7	28.9	621.1	555.2	469.8	416.2	419.3	427.5	399.2	354.9
75,0°	27.7	24.2	22.7	20.9	20.3	19.7	22.1	592.8	525.7	424.7	366.4	376.8	394.9	376.0	331.4
76,0°	19.8	17.8	17.1	17.2	16.3	15.7	16.6	560.0	489.3	371.9	309.5	318.6	343.2	338.3	301.5
77,0°	15.2	13.8	12.9	13.5	13.2	12.9	12.9	519.9	438.9	306.8	253.0	262.1	291.9	295.5	267.3
78,0°	11.2	10.7	10.7	9.2	9.8	8.3	9.8	440.2	374.7	243.6	203.4	215.0	245.6	254.7	228.1
79,0°	7.9	7.0	7.0	6.1	7.0	6.1	7.4	371.6	318.4	205.4	175.1	187.0	210.9	219.8	201.7
80,0°	4.3	4.6	4.6	4.6	4.6	4.6	4.9	295.3	256.2	170.4	156.9	164.0	177.3	179.6	153.7
81,0°	4.9	4.0	4.0	4.3	4.3	4.3	3.7	196.2	181.0	135.4	134.7	137.2	138.3	133.0	114.9
82,0°	3.6	3.6	3.4	2.5	2.5	2.5	3.1	123.5	127.4	97.7	98.0	93.8	90.5	81.3	58.9
83,0°	1.8	1.8	2.7	2.8	2.8	2.5	2.5	67.1	71.7	45.5	36.9	29.9	35.8	35.3	34.5
84,0°	2.1	1.8	2.1	2.1	2.1	3.1	2.5	31.6	32.3	21.5	12.4	8.9	12.9	14.0	6.8
85,0°	1.0	2.1	1.2	1.2	1.2	1.2	1.8	6.1	7.0	6.4	6.3	5.8	6.0	5.6	5.5
86,0°	2.1	1.2	1.2	1.2	1.2	1.2	1.2	4.8	4.8	4.7	4.6	4.5	4.4	4.4	4.0
87,0°	1.2	1.5	1.2	1.2	1.2	1.2	1.2	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4
88,0°	1.5	0.6	1.2	1.2	1.2	1.2	1.2	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8
89,0°	0.3	0.6	1.2	1.2	1.2	1.2	1.2	2.4	2.4	2.3	2.3	2.3	2.2	2.2	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 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
		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°
	Lichtstärke in cd/klm														
γ															
73,0°	298.6	218.2	138.7	84.4	60.2	52.1	46.6	43.7	42.7	40.7	38.5	35.7	34.5	33.6	33.1
74,0°	281.3	196.9	122.6	72.2	53.6	47.3	42.4	39.9	37.9	36.9	34.5	33.1	31.9	30.8	30.6
75,0°	253.8	172.0	102.0	61.9	48.2	42.3	38.0	35.0	33.6	32.2	30.9	29.7	28.9	28.4	28.0
76,0°	224.6	146.8	83.4	52.6	43.1	38.9	35.1	31.8	30.0	29.2	27.9	27.1	26.0	26.2	25.1
77,0°	192.0	120.5	63.4	43.5	37.1	34.0	29.9	30.0	27.5	26.6	25.3	24.1	23.5	23.3	22.7
78,0°	161.3	92.1	50.8	36.0	30.8	28.7	26.1	25.2	23.2	22.5	21.8	21.6	21.0	20.8	20.2
79,0°	136.9	76.0	40.2	30.0	26.0	23.8	21.8	21.0	20.2	19.4	18.7	18.6	18.3	17.7	17.6
80,0°	100.6	53.0	29.4	23.9	21.0	18.9	18.1	17.3	17.1	15.7	15.1	15.5	14.9	14.7	14.5
81,0°	73.0	38.3	22.0	18.1	16.0	15.2	13.8	13.6	13.4	12.7	12.6	12.4	12.3	11.7	11.7
82,0°	38.4	22.2	15.0	14.0	12.3	11.4	10.7	10.5	10.4	9.7	9.5	9.5	9.2	9.1	9.0
83,0°	22.1	12.6	9.5	8.6	8.5	8.3	7.5	7.4	7.3	7.2	6.5	6.9	6.3	6.2	6.1
84,0°	6.9	6.6	6.1	6.0	5.9	5.8	5.7	5.6	5.5	4.8	4.1	4.0	3.9	3.9	3.8
85,0°	4.8	5.3	3.9	3.8	3.9	3.9	3.8	3.7	3.1	3.6	2.5	2.4	2.3	2.2	2.1
86,0°	3.1	4.1	3.3	3.2	2.5	2.5	2.5	2.5	2.4	2.4	2.4	1.8	1.7	1.2	1.2
87,0°	3.3	2.5	2.5	2.6	2.5	2.5	1.8	1.9	1.8	1.8	1.8	1.2	1.2	1.2	1.2
88,0°	2.7	2.7	2.6	1.9	2.6	1.9	1.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
89,0°	2.1	1.8	1.8	1.8	2.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	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	0.0

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
	Lichtstärke in cd/klm													Lichtstrom in lm/klm	
γ															
73,0°	32.3	31.3	31.0	29.7	29.3	28.4	27.8	27.4	26.8	26.4	26.1	25.5	25.8	27.2	852.9
74,0°	29.9	29.2	28.5	27.3	26.9	25.7	25.3	24.4	24.0	23.4	23.0	22.1	22.7	26.3	879.2
75,0°	27.5	26.6	26.1	24.8	24.1	22.9	22.5	21.0	20.3	18.5	18.1	16.9	17.2	24.6	903.7
76,0°	25.0	23.8	23.6	22.4	21.6	19.6	18.6	16.4	15.1	12.4	11.7	9.8	10.4	22.1	925.9
77,0°	22.5	21.3	20.9	19.6	18.4	15.6	14.0	11.5	10.2	8.0	6.8	4.9	5.5	19.4	945.3
78,0°	20.1	18.8	17.9	16.5	14.6	12.1	10.5	8.3	6.8	5.8	4.0	3.1	3.1	16.0	961.3
79,0°	17.4	16.3	15.0	13.7	11.6	9.4	8.3	6.5	4.9	4.0	2.8	1.8	1.8	12.5	973.9
80,0°	14.6	13.9	12.6	11.3	9.0	7.4	6.5	4.9	4.0	2.5	2.1	1.2	1.2	9.5	983.4
81,0°	11.9	11.0	9.9	8.8	7.4	5.9	5.0	4.0	3.4	1.5	1.5	1.2	1.2	6.8	990.2
82,0°	8.9	7.8	7.1	6.4	5.7	4.4	3.5	3.1	2.5	1.2	1.2	1.2	1.2	4.4	994.6
83,0°	5.8	5.3	4.6	4.2	3.5	2.9	2.2	2.2	1.5	1.2	1.2	1.2	1.2	2.6	997.1
84,0°	3.3	2.9	2.4	2.4	2.2	1.6	1.6	1.6	1.2	1.2	1.2	0.9	1.2	1.4	998.5
85,0°	2.1	1.2	1.2	1.2	1.6	1.2	1.2	1.2	0.9	0.9	0.9	0.6	1.2	0.6	999.1
86,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.9	0.3	0.9	0.3	0.6	0.3	999.4
87,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.3	0.6	0.6	1.2	0.3	0.0	0.2	999.7
88,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.0	0.9	1.2	0.3	0.0	0.2	999.8
89,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.6	0.9	0.9	0.3	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 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
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	2980	19.4	19.9	19.6
95	241	252	2827	18.2	18.8	18.5
90	229	250	2687	17.2	17.7	17.4
85	216	248	2534	16.2	16.7	16.4
80	203	246	2382	15.1	15.6	15.4
75	190	243	2229	14.2	14.6	14.4
70	178	241	2088	13.2	13.6	13.4
65	165	238	1936	12.3	12.6	12.4
60	152	235	1783	11.3	11.6	11.4
55	140	232	1643	10.4	10.7	10.6
50	127	229	1490	9.5	9.8	9.6
45	114	225	1337	8.6	8.8	8.7
40	102	221	1197	7.8	8.0	7.9
35	89	216	1044	6.9	7.1	7.0
30	76	210	892	6.1	6.3	6.2
25	63	203	739	5.3	5.5	5.4
20	51	195	598	4.5	4.6	4.6
17	42	188	493	4.0	4.1	4.0

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	2980	19.2	19.8	19.5
95	241	252	2827	18.1	18.7	18.4
90	229	250	2687	17.2	17.7	17.4
85	216	248	2534	16.1	16.6	16.4
80	203	246	2382	15.2	15.6	15.4
75	191	244	2241	14.2	14.6	14.4
70	178	241	2088	13.2	13.7	13.4
65	165	238	1936	12.3	12.6	12.4
60	152	235	1783	11.3	11.6	11.4
55	140	232	1642	10.4	10.7	10.6
50	127	229	1490	9.5	9.8	9.6
45	114	225	1337	8.6	8.9	8.8
40	102	221	1197	7.8	8.1	8.0
35	89	216	1044	6.9	7.1	7.0
30	76	210	892	6.1	6.3	6.2
25	64	204	751	5.4	5.6	5.5
20	51	195	598	4.6	4.7	4.6
17	42	188	493	4.0	4.1	4.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
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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	2980	19.3	19.8	19.6
95	241	252	2827	18.1	18.7	18.4
90	229	250	2687	17.2	17.7	17.4
85	216	248	2534	16.1	16.6	16.4
80	203	246	2382	15.1	15.6	15.4
75	191	244	2241	14.2	14.6	14.4
70	178	241	2088	13.2	13.6	13.4
65	165	238	1936	12.2	12.6	12.4
60	152	235	1783	11.3	11.6	11.4
55	140	232	1642	10.4	10.7	10.6
50	127	229	1490	9.5	9.8	9.6
45	114	225	1337	8.6	8.8	8.7
40	102	221	1197	7.8	8.0	7.9
35	89	216	1044	6.9	7.1	7.0
30	76	210	892	6.2	6.3	6.2
25	64	204	751	5.3	5.5	5.4
20	51	195	598	4.6	4.7	4.6
17	42	188	493	4.1	4.2	4.2

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1A41D08CB EAN: 4058352739419	LP-Nummer 59080_555
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Lichtstrom-Tabelle	siteco
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Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	2980.0	19.4
5.0	2980.0	19.2
15.0	2980.0	19.3