

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2G51Y08HE
EAN: 4058352919002

LP-Nummer
58294_468

Seriendokumentation
17.06.2024



Ausführung Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten

Optik asymmetrisch, breit strahlend mit zusätzlichem Lichtanteil für rückwärtige Wege (ST1.2P1.0)

Abdeckung klar, PMMA

Bestückung LED 3000 K | CRI ≥ 70

Betriebsgerät EVG SITECO iQ - DALI2

Bemessungswerte Nettolichtstrom = 8240 lm
Systemleistung = 56.5 W
Lichtausbeute = 145.8 lm/W

siteco

Lichtstärke in cd/klm

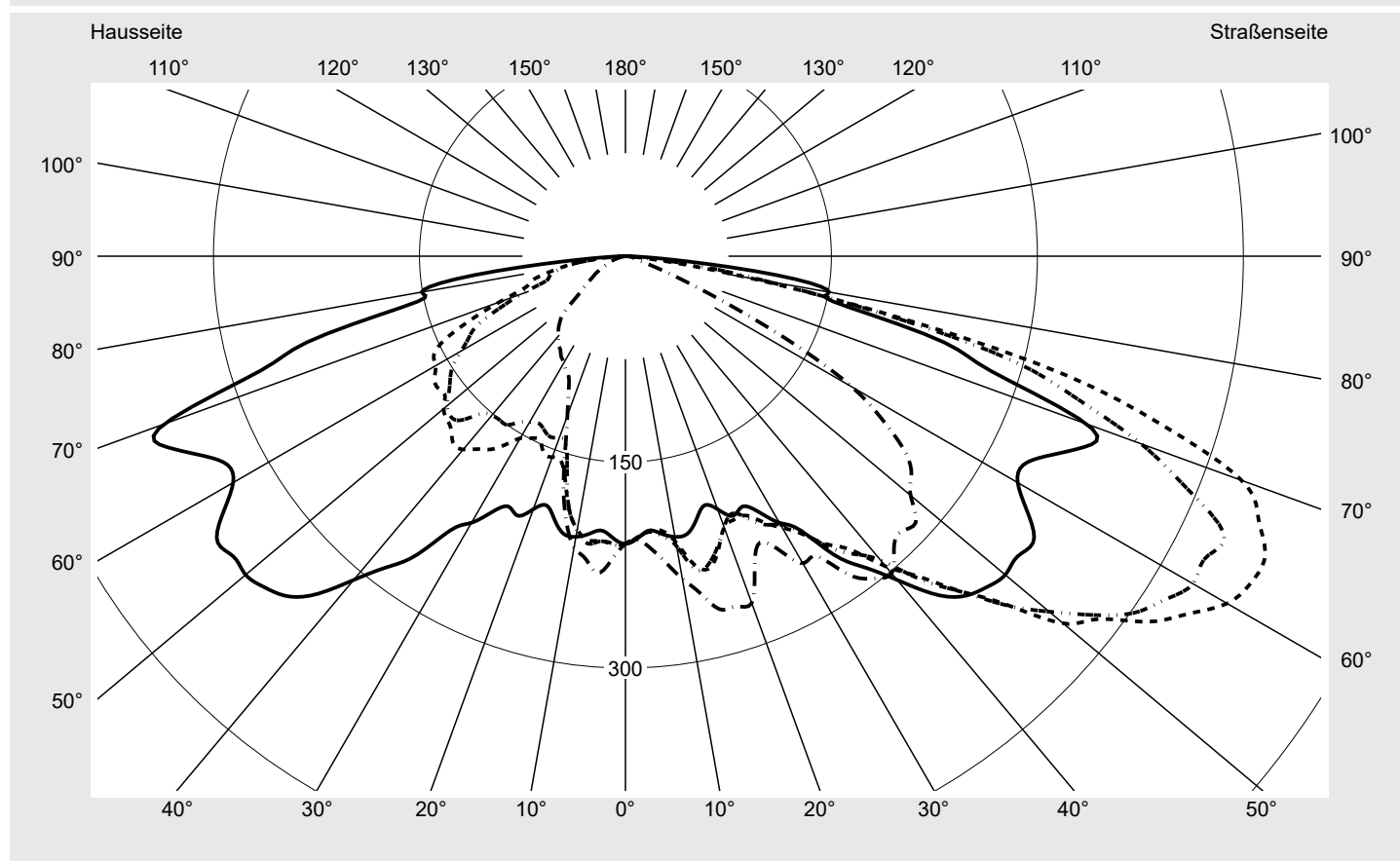
C180-0

C205-25

C210-30

C270-90

Imax: 514 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G1
Imax 70°	477.9
Imax 80°	150.6
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

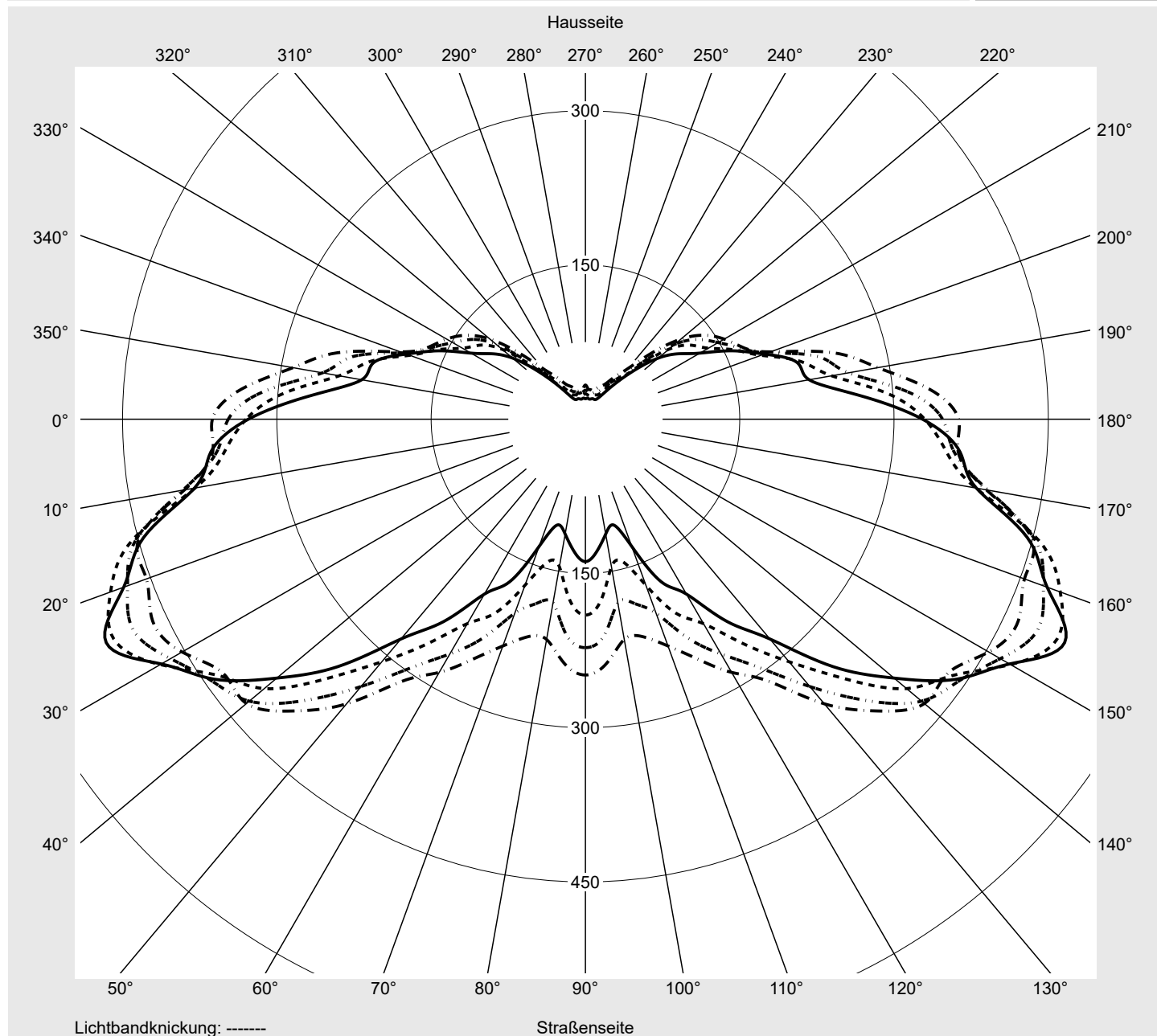
KMK 62,5°

KMK 60°

KMK 57,5°

KMK 55°

siteco



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Familie				Bestell-Nr.: 5XC2G51Y08HE								LP-Nummer			
Streetlight 11 mini LED				EAN: 4058352919002								58294_468			
Wertetabelle Lichtstärkemessung										Maximale Lichtstärke				siteco	
C- Ebenen	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°		
γ	Lichtstärke in cd/klm														
0,0°	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	
2,5°	205.6	205.7	205.1	204.9	205.0	204.7	205.4	206.0	205.3	204.4	203.8	203.2	203.2	203.2	
5,0°	200.6	200.0	200.2	201.0	201.0	200.8	201.6	203.7	204.4	207.0	208.6	208.8	209.5	209.5	
7,5°	204.1	204.0	201.6	200.1	200.5	201.7	205.6	211.5	213.9	215.7	216.6	218.7	220.9	220.9	
10,0°	207.6	209.2	209.7	209.8	209.4	211.5	214.5	217.2	219.6	222.1	226.6	230.1	232.8	232.8	
12,5°	207.3	213.8	219.7	222.4	226.4	229.8	233.4	232.9	229.9	232.2	233.3	236.0	235.0	235.0	
15,0°	199.0	200.3	211.5	229.6	237.5	235.5	232.7	228.6	224.1	226.5	229.3	229.9	235.7	235.7	
17,5°	190.4	197.3	210.2	222.7	225.6	224.7	222.5	217.1	223.5	219.7	214.6	212.5	217.6	217.6	
20,0°	196.1	203.0	207.3	214.6	213.8	210.1	210.1	216.7	224.8	216.2	208.8	208.6	214.3	214.3	
22,5°	204.7	210.2	206.9	215.4	212.0	207.6	202.9	210.8	212.9	212.7	211.4	211.9	212.6	212.6	
25,0°	201.2	207.7	211.1	218.3	214.4	208.4	210.5	217.3	217.4	220.3	221.0	220.3	222.0	222.0	
27,5°	210.0	215.2	216.1	218.3	219.0	218.7	220.5	224.0	230.0	232.2	238.2	239.3	248.8	248.8	
30,0°	224.2	230.6	232.5	231.7	231.8	228.4	225.6	229.7	241.6	250.9	258.1	265.1	275.3	275.3	
32,5°	236.4	239.9	242.1	243.2	242.8	240.1	238.5	242.0	259.4	270.0	276.8	284.1	289.7	289.7	
35,0°	266.1	266.9	261.8	256.5	252.6	256.3	258.8	263.1	271.7	283.6	290.8	306.4	310.7	310.7	
37,5°	285.6	282.4	281.9	272.6	261.9	269.5	273.5	280.9	289.8	295.2	309.0	335.0	331.2	331.2	
40,0°	307.8	307.6	298.3	291.3	284.3	295.0	289.2	296.4	304.1	319.2	325.8	343.3	347.7	347.7	
42,5°	334.2	326.4	325.3	318.4	314.5	316.6	320.2	318.3	317.8	333.8	340.8	351.7	353.4	353.4	
45,0°	349.9	346.2	344.7	343.7	341.8	345.2	345.6	339.4	342.9	358.9	350.5	347.1	349.5	349.5	
47,5°	356.8	353.9	367.5	388.9	362.0	375.2	376.5	367.6	369.2	367.0	359.1	339.7	345.5	345.5	
50,0°	361.1	368.7	382.5	428.7	381.0	416.2	402.8	390.6	393.2	377.3	353.6	334.3	323.6	323.6	
52,5°	359.6	357.8	391.5	430.5	422.3	434.1	429.4	415.4	416.5	391.3	357.8	320.9	299.8	299.8	
55,0°	362.7	363.8	395.8	449.4	454.2	464.3	452.8	430.3	430.2	401.3	361.3	311.3	284.3	284.3	
57,5°	347.2	359.5	397.5	452.4	473.7	485.1	465.8	443.6	426.6	387.0	339.4	294.9	263.7	263.7	
60,0°	329.9	351.7	385.3	456.5	491.3	506.0	477.3	434.9	407.6	357.1	307.9	266.0	229.6	229.6	
62,5°	327.7	365.6	386.0	444.8	477.7	514.1	476.0	440.8	391.7	340.2	279.0	240.2	196.4	196.4	
65,0°	342.5	392.5	389.2	425.5	456.9	514.1	481.3	416.2	364.1	317.6	257.1	222.8	161.8	161.8	
67,5°	362.5	436.1	382.5	401.8	447.8	498.9	442.9	393.8	331.6	288.5	228.0	195.2	143.3	143.3	
70,0°	357.4	420.3	359.9	368.3	453.9	477.9	399.8	347.8	309.6	257.3	197.9	158.9	124.3	124.3	
72,5°	280.3	372.1	312.1	330.4	401.3	410.8	344.5	287.0	267.7	217.5	167.3	129.5	110.8	110.8	
75,0°	237.1	318.5	240.6	282.1	301.1	327.3	288.7	220.4	187.0	164.0	134.5	116.5	98.1	98.1	
77,5°	158.0	221.9	166.9	207.0	172.4	196.4	186.9	147.0	122.7	116.0	90.3	82.7	70.0	70.0	
80,0°	150.6	123.0	102.1	123.8	86.4	93.9	102.8	105.1	85.9	78.7	44.1	38.5	30.3	30.3	
82,5°	120.2	63.8	40.9	40.4	26.6	34.2	53.9	70.5	52.4	35.3	21.3	16.9	11.9	11.9	
85,0°	49.4	23.6	13.4	9.2	7.5	9.3	11.5	16.7	14.6	10.6	10.4	8.0	6.3	6.3	
87,5°	11.8	8.1	5.5	4.8	4.2	4.6	4.8	5.1	5.3	4.8	4.2	4.0	3.5	3.5	
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	
100,0°	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	
110,0°	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	
120,0°	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	
130,0°	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	
140,0°	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	
150,0°	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	
160,0°	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	
170,0°	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	
180,0°	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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Familie Streetlight 11 mini LED				Bestell-Nr.: 5XC2G51Y08HE EAN: 4058352919002								LP-Nummer 58294_468	
Wertetabelle Lichtstärkemessung													
Maximale Lichtstärke												siteco	
C- Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°		
γ	Lichtstärke in cd/klm												
0,0°	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6
2,5°	203.1	203.0	204.6	205.3	206.0	206.9	205.5	206.6	207.7	208.7	209.5	210.3	210.8
5,0°	209.5	210.0	210.5	212.3	214.2	213.9	201.5	202.7	202.5	204.3	208.1	208.4	207.5
7,5°	222.3	225.1	226.3	226.7	226.6	225.1	204.0	203.4	204.4	205.7	208.7	211.2	210.9
10,0°	232.0	231.2	232.4	233.6	235.5	238.6	202.7	201.4	201.3	202.7	202.3	202.6	205.2
12,5°	238.9	241.7	245.2	248.7	252.4	251.4	199.3	198.0	192.9	190.6	189.2	189.1	189.2
15,0°	236.9	243.3	249.4	258.1	262.3	266.4	194.4	191.9	184.6	178.8	169.3	164.2	160.6
17,5°	229.2	238.9	247.9	257.1	263.7	267.5	189.4	185.9	180.3	171.1	156.3	143.4	139.0
20,0°	221.0	231.2	243.0	255.2	265.6	268.8	191.0	182.0	174.2	167.5	155.8	140.7	134.8
22,5°	221.6	232.4	245.3	250.3	249.5	245.8	191.4	178.6	167.4	160.1	155.3	142.5	129.7
25,0°	228.0	237.5	241.9	238.9	237.8	230.6	192.1	174.4	168.7	155.9	147.8	139.9	126.5
27,5°	249.4	250.2	249.0	248.4	241.2	240.7	196.6	184.1	170.0	160.9	149.5	137.1	126.3
30,0°	274.3	269.2	254.3	256.1	254.8	258.3	216.4	204.4	186.6	170.7	153.1	139.5	127.1
32,5°	284.4	271.3	265.0	270.9	265.3	259.0	230.9	220.2	200.6	179.6	162.9	143.3	130.1
35,0°	305.2	293.7	290.6	292.2	285.6	283.0	265.8	250.6	220.5	193.1	171.9	150.0	132.3
37,5°	319.7	309.7	294.0	286.7	287.8	296.0	285.3	272.2	235.5	205.4	177.1	150.4	133.1
40,0°	337.7	321.9	291.1	275.9	284.7	301.7	313.3	292.7	247.2	217.3	183.8	151.3	139.1
42,5°	348.9	316.1	291.3	275.9	286.3	289.4	326.8	308.0	255.6	226.7	185.4	155.6	143.3
45,0°	352.6	315.7	285.9	274.4	284.0	283.7	347.3	328.5	269.4	236.2	179.4	168.9	149.4
47,5°	346.6	306.7	270.7	272.1	287.2	286.8	361.2	325.8	276.9	229.4	176.2	172.7	157.7
50,0°	323.6	284.0	254.7	255.4	280.5	271.1	358.8	318.5	269.0	216.6	172.8	169.4	157.1
52,5°	288.6	264.3	237.6	247.2	255.4	262.4	346.6	305.4	258.6	200.4	165.8	161.9	149.4
55,0°	257.2	234.7	219.2	217.5	238.2	248.8	335.7	288.7	249.7	191.5	167.0	155.8	142.3
57,5°	234.4	200.7	185.7	181.4	210.8	222.2	313.1	259.6	234.8	188.7	164.8	149.0	135.2
60,0°	208.2	171.9	144.2	145.7	176.3	190.5	293.5	243.1	216.8	181.7	159.6	138.1	125.5
62,5°	174.5	131.7	106.6	113.4	128.8	138.5	266.9	220.9	213.1	185.2	157.4	128.5	111.0
65,0°	137.2	94.0	76.8	79.0	87.3	81.9	252.2	222.4	206.5	180.2	146.4	119.0	100.4
67,5°	107.2	66.9	52.5	43.4	43.5	43.9	242.0	221.7	206.9	161.7	123.0	99.6	85.2
70,0°	90.4	52.1	32.8	21.8	21.0	21.8	214.0	256.9	208.7	129.3	97.7	80.3	74.0
72,5°	76.2	30.7	18.8	12.2	11.0	10.5	204.4	243.7	153.8	99.0	76.8	61.5	58.7
75,0°	60.2	19.9	12.8	9.5	8.5	8.3	180.0	179.3	126.0	89.8	71.5	57.5	49.9
77,5°	25.1	13.9	9.2	7.5	7.0	6.6	142.6	126.0	117.7	76.6	60.8	52.4	41.5
80,0°	13.4	9.4	6.7	5.7	5.4	5.4	107.1	124.7	99.0	59.9	47.4	45.6	27.2
82,5°	8.6	6.4	4.8	4.1	4.1	4.3	61.7	98.1	69.3	43.9	35.9	33.0	21.7
85,0°	5.2	4.0	3.0	2.6	2.2	2.2	35.4	45.5	27.0	19.3	18.2	15.9	11.8
87,5°	2.9	2.2	1.6	1.3	1.0	1.0	11.6	11.8	8.3	5.6	5.7	5.8	3.8
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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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												siteco	
C- Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
γ	Maximale Lichtstärke Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	0.3	0.3
2,5°	212.0	213.1	214.4	216.5	219.1	220.0	220.3	220.4	221.1	221.3	220.8	2.5	2.8
5,0°	207.3	208.6	210.0	212.4	215.2	220.1	224.3	228.1	230.5	232.3	231.7	5.0	7.8
7,5°	207.1	207.6	207.9	208.0	210.6	214.3	217.8	219.4	220.6	222.9	222.3	7.6	15.4
10,0°	201.9	197.4	196.1	197.8	200.7	203.1	205.8	209.1	213.9	215.2	215.6	10.1	25.6
12,5°	188.7	186.8	187.2	188.9	189.0	192.0	194.9	202.2	202.9	199.9	198.5	12.7	38.2
15,0°	163.2	166.1	166.8	168.0	167.6	169.0	171.8	175.5	177.6	177.5	174.3	14.5	52.7
17,5°	142.4	145.3	148.6	146.6	142.2	141.3	142.5	140.5	139.6	141.9	145.2	15.7	68.4
20,0°	132.1	133.9	136.1	131.7	126.2	120.3	118.7	117.2	119.3	123.0	123.6	17.1	85.4
22,5°	121.6	123.3	127.5	122.6	117.2	111.3	108.1	104.4	104.1	105.1	108.4	18.6	104.0
25,0°	116.4	116.4	122.3	114.9	111.8	108.8	104.8	99.9	98.0	96.3	97.5	20.4	124.4
27,5°	113.5	110.4	106.0	104.2	104.7	100.3	99.3	95.7	92.3	93.2	93.9	22.8	147.2
30,0°	118.2	110.9	106.7	103.5	94.1	91.0	88.4	87.2	88.7	89.6	89.4	25.8	173.0
32,5°	121.5	114.0	109.5	100.2	88.8	83.6	80.0	80.0	84.3	86.3	87.0	28.8	201.9
35,0°	128.0	116.1	107.5	90.6	81.0	75.6	72.2	73.3	78.1	83.0	82.8	32.7	234.6
37,5°	127.5	116.2	104.9	90.3	73.2	71.2	67.5	68.7	74.1	79.7	80.7	36.1	270.7
40,0°	131.4	114.2	99.6	87.6	68.0	64.4	63.9	66.0	70.0	75.2	75.7	39.6	310.3
42,5°	134.7	114.2	96.0	77.4	69.2	62.4	60.4	61.5	65.2	69.3	72.3	43.1	353.4
45,0°	137.7	114.0	90.2	69.6	65.6	62.2	54.8	55.1	57.7	63.4	67.4	46.5	400.0
47,5°	135.7	108.6	82.1	66.4	62.0	58.8	49.4	45.7	48.7	56.3	60.7	49.4	449.4
50,0°	128.4	106.2	77.5	63.1	56.8	52.0	46.1	38.7	40.5	45.7	47.2	51.3	500.6
52,5°	126.2	101.8	73.6	57.3	47.5	43.0	38.5	34.1	34.3	36.5	39.1	52.3	552.9
55,0°	121.3	90.9	64.3	50.8	40.1	35.5	32.1	28.8	29.1	29.6	33.2	53.2	606.0
57,5°	113.2	77.9	54.8	44.2	35.4	30.0	28.4	26.1	26.1	26.7	28.2	52.6	658.6
60,0°	105.8	72.5	47.5	38.0	29.4	26.0	25.2	23.4	23.3	23.8	24.7	51.0	709.6
62,5°	92.5	67.2	45.6	30.4	23.1	21.1	21.2	20.4	20.0	20.6	19.9	49.0	758.6
65,0°	79.4	59.7	44.2	23.4	17.5	17.2	17.8	16.9	17.4	17.0	16.6	46.9	805.5
67,5°	69.4	52.0	33.4	16.8	12.4	12.9	14.2	13.4	14.0	14.0	13.3	44.2	849.8
70,0°	61.2	45.1	26.0	12.9	9.9	9.5	10.2	10.0	10.9	11.8	11.2	41.0	890.8
72,5°	54.5	37.0	17.5	9.7	7.6	7.4	7.3	7.4	7.9	9.1	8.6	35.2	926.1
75,0°	37.2	22.5	10.7	7.7	6.2	6.0	5.5	5.7	5.5	6.1	6.1	28.7	954.8
77,5°	24.6	13.7	8.0	6.1	4.8	4.3	4.0	3.9	3.0	2.8	2.6	20.1	974.8
80,0°	17.5	8.2	5.8	4.7	3.7	3.1	2.8	2.2	1.3	0.9	0.7	13.3	988.1
82,5°	13.4	6.6	4.4	3.5	2.9	2.2	1.8	1.6	0.9	0.4	0.5	7.7	995.8
85,0°	6.1	3.6	3.0	2.3	2.0	1.6	1.0	0.8	0.6	0.3	0.3	3.1	998.9
87,5°	2.8	2.2	1.6	1.3	1.1	0.9	0.7	0.6	0.4	0.3	0.3	1.1	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	1000.0
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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 11 mini LED	Bestell-Nr.: 5XC2G51Y08HE EAN: 4058352919002	LP-Nummer 58294_468
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
		siteco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	8240	56.5	58.6	57.6
95	241	252	7818	53.1	55.0	54.0
90	229	250	7429	50.1	51.9	51.0
85	216	248	7007	46.8	48.5	47.6
80	203	246	6586	43.7	45.3	44.5
75	190	243	6164	40.6	42.0	41.3
70	178	241	5774	37.8	39.1	38.4
65	165	238	5353	34.9	36.0	35.4
60	152	235	4931	32.0	33.0	32.5
55	140	232	4542	29.3	30.3	29.8
50	127	229	4120	26.5	27.4	27.0
45	114	225	3698	23.7	24.5	24.1
40	102	221	3309	21.2	21.9	21.5
35	89	216	2887	18.6	19.2	18.9
30	76	210	2466	16.0	16.6	16.3
25	63	203	2044	13.5	13.9	13.7
20	51	195	1654	11.1	11.5	11.3
15	38	184	1233	8.6	8.8	8.7
14	36	182	1168	8.2	8.4	8.3