

Lichttechnischer Prüfbefund

Familie
Streetlight 21 mini LED

Bestell-Nr.: 5XE2E61G08HB
EAN: 4058352725689

LP-Nummer
59077_854



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, breit strahlend (STW1.0a)
Abdeckung	Einscheibensicherheitsglas (ESG)
Bestückung	LED 2700 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 8480 lm Systemleistung = 70.9 W Lichtausbeute = 119.6 lm/W

Seriendokumentation
12.09.2022

siteco

Lichtstärke in cd/klm

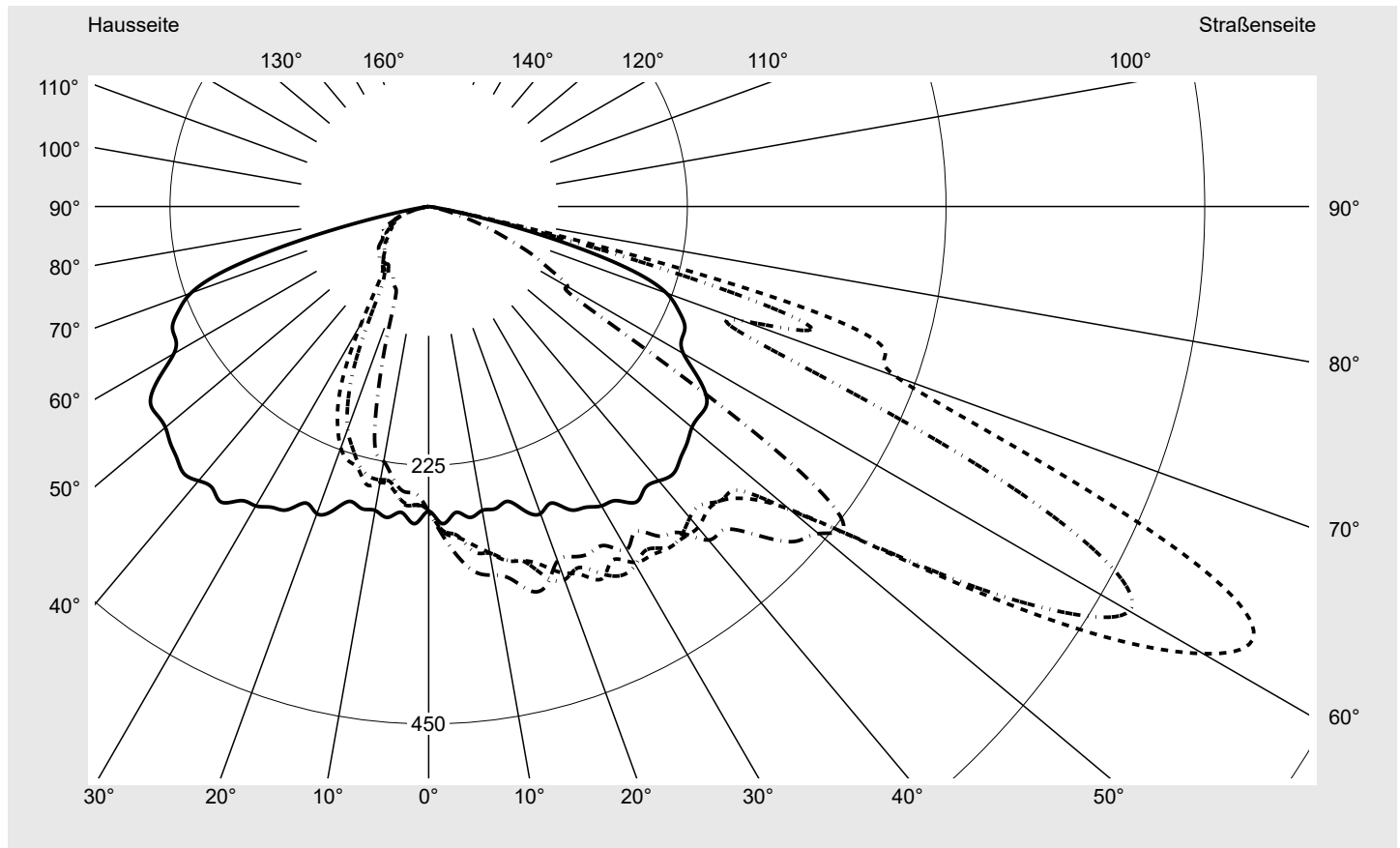
C180-0

C210-30

C215-35

C270-90

Imax: 809 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G4
Imax 70°	498.7
Imax 80°	32.8
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 Streetlight 21 mini LED	Bestell-Nr.: 5XE2E61G08HB EAN: 4058352725689	LP-Nummer 59077_854
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°	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0
2,5°	276.1	278.2	279.9	280.7	282.6	280.9	282.9	282.1	283.9	285.0	286.7	288.0	286.1
5,0°	267.2	269.0	274.7	278.5	279.8	286.4	288.9	287.4	290.8	292.6	294.2	300.0	298.6
7,5°	272.7	275.9	280.1	284.4	288.5	292.4	296.9	303.0	303.7	307.0	310.0	310.1	313.3
10,0°	268.4	272.2	277.4	291.4	300.9	306.8	305.9	306.1	302.0	308.4	313.7	316.2	320.5
12,5°	269.1	273.9	287.4	294.7	304.6	314.3	315.6	314.8	322.9	327.5	331.4	330.3	330.5
15,0°	265.5	276.8	296.7	300.8	305.0	315.9	318.9	319.5	329.6	338.0	337.2	339.7	342.1
17,5°	277.4	287.6	299.4	305.4	315.7	326.6	326.9	337.2	336.9	335.5	339.7	341.4	338.5
20,0°	284.3	295.0	304.2	313.5	321.0	328.4	338.9	345.5	343.3	344.8	347.8	341.7	334.4
22,5°	279.1	294.0	312.1	323.0	327.7	341.0	346.5	340.0	341.6	352.4	351.9	343.1	331.1
25,0°	291.0	303.1	317.1	327.0	339.5	348.9	357.1	351.7	350.1	347.4	339.5	333.6	333.4
27,5°	295.0	309.9	321.7	338.0	351.4	356.8	346.6	361.8	356.7	344.1	331.2	337.6	339.9
30,0°	300.7	317.1	328.5	349.8	355.9	355.9	357.4	359.7	352.9	344.8	333.1	337.4	338.9
32,5°	303.3	318.9	336.3	353.9	359.5	349.5	359.8	353.7	348.0	346.4	340.3	346.7	346.0
35,0°	314.0	326.8	340.1	355.5	360.5	357.7	363.1	362.1	346.9	343.3	345.1	341.2	346.2
37,5°	308.9	327.9	347.5	353.8	357.0	355.0	363.3	360.9	349.1	347.9	346.4	345.8	346.0
40,0°	311.4	332.1	344.0	358.4	357.1	363.3	364.4	353.3	357.7	355.2	353.1	353.4	356.3
42,5°	315.1	342.3	354.5	357.4	364.8	358.6	358.8	351.6	354.4	362.5	363.5	361.8	376.7
45,0°	309.7	352.0	364.3	364.3	367.8	375.0	361.3	360.8	367.0	373.0	384.1	397.1	402.7
47,5°	304.8	361.9	365.7	366.2	379.0	381.6	376.2	365.3	379.3	404.4	419.2	437.2	429.1
50,0°	298.9	376.3	386.3	389.3	397.8	415.1	409.9	410.7	417.6	449.6	467.2	465.5	448.8
52,5°	297.8	384.5	408.5	405.9	426.8	460.3	481.7	479.2	484.8	487.2	491.5	476.7	441.4
55,0°	295.5	381.4	430.2	417.6	471.4	530.1	586.0	573.2	535.9	502.5	479.9	443.5	390.5
57,5°	278.4	380.3	445.9	451.7	523.6	645.7	695.9	657.7	567.6	486.1	424.4	359.9	308.3
60,0°	255.9	384.0	479.3	483.8	599.0	757.2	777.7	703.6	540.3	384.0	295.1	265.7	261.6
62,5°	248.4	402.0	516.6	535.0	675.3	808.8	809.0	659.9	419.1	256.1	220.5	220.2	192.6
65,0°	245.9	422.0	553.6	573.4	711.3	776.7	738.3	510.2	243.5	208.7	192.4	191.3	104.6
67,5°	235.0	425.3	575.2	564.4	621.8	656.3	565.5	314.5	192.3	176.6	153.1	147.2	65.3
70,0°	220.0	417.0	498.7	490.7	467.4	475.7	432.4	290.7	186.4	147.5	119.0	82.6	48.3
72,5°	186.1	339.1	400.0	304.5	275.2	335.3	416.1	348.4	176.7	109.9	75.5	56.3	39.4
75,0°	123.0	169.2	172.4	105.2	89.8	211.1	330.5	216.4	77.4	39.2	49.9	41.1	30.5
77,5°	56.5	71.0	62.1	33.2	30.7	82.6	105.1	73.0	43.5	25.3	37.7	26.1	20.2
80,0°	17.1	18.7	17.1	12.0	10.0	32.8	16.7	12.3	11.9	13.6	24.3	14.2	12.9
82,5°	2.8	2.6	2.8	2.7	4.2	12.7	4.3	4.9	3.6	2.7	7.1	7.5	9.0
85,0°	0.6	1.0	0.8	0.7	0.9	0.6	1.1	1.6	1.2	1.0	1.0	1.0	0.9
87,5°	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	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

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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C- Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Lichtstärke in cd/klm												
0,0°	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0
2,5°	287.5	287.6	287.1	287.4	287.0	287.0	273.3	268.1	264.9	264.2	262.9	260.1	259.7
5,0°	298.8	299.6	303.6	304.8	306.2	307.1	263.9	264.0	263.7	260.2	262.6	257.7	259.0
7,5°	311.1	312.7	314.2	315.4	319.9	321.2	264.6	260.9	257.4	253.9	248.6	246.6	243.3
10,0°	322.2	321.1	324.7	324.1	330.8	325.5	261.4	256.1	251.1	248.3	244.7	244.0	241.3
12,5°	332.1	335.3	335.1	332.5	329.2	332.0	262.3	260.1	252.5	246.3	242.6	247.9	240.3
15,0°	337.6	337.3	338.6	345.5	346.4	346.4	261.0	256.5	253.2	248.3	245.2	236.4	233.1
17,5°	341.6	341.9	341.5	339.9	341.6	343.8	270.2	262.3	253.8	247.9	241.6	232.0	220.2
20,0°	335.0	333.0	331.7	327.6	328.6	327.9	267.8	260.8	255.7	239.3	232.0	223.3	206.1
22,5°	329.0	328.2	327.2	332.2	325.7	329.6	271.4	267.7	246.7	240.9	224.1	206.9	183.3
25,0°	334.2	338.9	333.4	328.8	331.6	332.3	273.9	267.1	247.9	230.6	210.1	185.4	153.1
27,5°	345.0	340.9	338.0	336.9	330.6	332.5	281.1	265.5	244.5	212.3	189.3	154.5	114.5
30,0°	347.4	348.6	347.5	338.6	338.7	344.5	287.4	263.9	231.2	198.3	160.4	116.8	84.4
32,5°	348.4	347.2	343.8	343.5	341.8	335.2	290.9	256.1	220.6	179.3	126.7	86.3	72.1
35,0°	347.0	345.2	346.6	347.5	342.5	350.1	287.0	243.6	204.1	146.9	96.2	70.3	66.8
37,5°	350.1	351.8	356.0	359.3	353.9	357.4	278.7	226.5	179.7	108.7	69.8	65.7	65.1
40,0°	361.0	366.3	369.3	373.6	367.6	378.6	271.5	211.0	146.0	80.9	62.4	61.5	61.5
42,5°	385.5	380.9	382.4	379.9	385.9	381.1	253.2	192.1	110.3	60.5	58.0	57.7	57.7
45,0°	410.8	397.6	391.9	399.7	411.0	404.2	243.1	159.0	76.9	55.3	55.2	53.6	54.0
47,5°	433.6	414.0	411.4	415.7	420.3	431.3	227.6	126.7	55.1	50.4	51.7	51.7	52.1
50,0°	445.6	425.7	419.8	449.5	443.7	442.5	210.7	88.3	49.0	47.6	47.1	49.3	47.6
52,5°	416.0	395.0	398.9	443.8	448.1	454.9	180.9	59.1	45.7	45.0	43.8	45.3	45.8
55,0°	351.0	328.5	323.8	337.9	333.0	364.6	154.6	48.8	43.8	42.1	39.9	41.0	43.9
57,5°	282.3	263.7	206.2	182.5	171.1	170.4	121.8	44.9	41.6	41.3	39.9	40.0	43.9
60,0°	229.7	151.7	135.7	165.2	139.3	139.5	86.6	41.6	37.8	38.2	38.7	36.9	40.7
62,5°	120.0	107.2	116.5	138.1	117.6	119.8	77.0	39.6	36.3	35.0	36.5	37.2	37.1
65,0°	83.4	91.6	95.7	104.6	97.6	100.3	69.3	36.7	32.8	31.9	34.4	37.0	32.8
67,5°	67.6	73.1	74.5	77.1	78.6	76.2	54.0	28.7	29.8	27.7	32.7	34.8	32.1
70,0°	52.0	55.8	56.0	55.7	56.2	56.3	41.4	23.6	24.9	23.4	27.3	28.8	27.1
72,5°	39.0	39.0	37.7	39.2	37.6	36.6	39.4	19.2	19.3	19.8	21.9	22.2	21.5
75,0°	24.8	24.3	23.5	23.2	21.8	20.8	33.9	14.3	14.8	15.1	17.1	14.6	15.3
77,5°	14.2	13.2	12.7	11.4	11.4	9.5	22.2	10.4	8.7	9.2	11.9	11.0	10.9
80,0°	7.8	5.8	5.4	4.1	4.0	2.8	9.0	5.5	5.3	4.7	5.5	5.6	6.8
82,5°	3.8	1.6	1.4	1.0	1.4	0.9	2.5	2.3	2.2	2.3	2.5	2.8	3.4
85,0°	0.6	0.4	0.3	0.3	0.3	0.4	0.8	0.7	0.8	0.8	0.7	0.9	1.0
87,5°	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
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

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Familie Streetlight 21 mini LED	Bestell-Nr.: 5XE2E61G08HB EAN: 4058352725689	LP-Nummer 59077_854
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	265.0	0.4	0.4
2,5°	256.9	256.0	255.6	256.1	254.6	252.5	250.9	249.4	248.9	249.4	250.4	3.2	3.6
5,0°	255.7	253.9	254.1	252.3	249.0	249.7	248.6	248.0	246.8	248.4	248.8	6.5	10.2
7,5°	240.3	241.6	243.4	240.7	241.4	239.6	241.1	240.8	239.1	237.5	238.3	9.8	20.0
10,0°	240.0	236.3	237.0	232.8	230.3	226.3	227.2	227.7	229.3	228.1	225.1	13.0	33.0
12,5°	232.1	228.4	226.2	223.2	220.3	215.5	208.4	206.4	206.3	212.3	215.0	16.3	49.3
15,0°	228.7	218.0	206.6	202.2	200.2	193.2	184.1	176.9	174.8	172.2	172.4	19.2	68.5
17,5°	209.4	198.3	189.0	174.2	161.0	148.0	139.2	129.3	122.8	121.0	123.7	21.6	90.1
20,0°	192.2	169.1	150.1	131.9	115.1	104.2	97.2	89.9	88.2	86.4	85.0	23.5	113.6
22,5°	156.5	129.9	107.3	94.2	82.7	77.8	78.4	76.9	75.2	76.8	76.1	25.4	139.0
25,0°	117.5	93.4	80.0	74.6	74.6	73.9	73.1	74.0	72.0	74.0	72.3	27.6	166.6
27,5°	87.2	75.8	71.2	72.6	73.4	71.9	71.0	71.6	70.4	71.1	67.8	29.8	196.4
30,0°	73.6	70.2	72.9	71.5	70.4	71.0	69.8	70.1	68.1	67.3	68.0	32.0	228.4
32,5°	67.8	68.1	67.7	70.5	70.7	68.2	67.0	65.7	64.1	63.6	65.2	33.9	262.4
35,0°	66.4	67.3	66.7	66.1	65.8	64.8	64.9	64.1	64.6	62.1	61.4	35.8	298.2
37,5°	67.0	67.1	66.4	64.8	64.1	62.0	62.1	63.5	62.3	64.1	62.6	37.7	335.9
40,0°	65.2	69.2	62.8	60.8	59.4	59.4	62.3	62.4	60.3	60.0	60.4	39.8	375.7
42,5°	64.4	66.3	68.6	56.9	57.5	58.5	59.4	60.7	57.9	58.0	62.3	42.0	417.7
45,0°	61.0	62.0	77.2	58.2	58.6	59.2	60.0	59.8	60.6	60.1	60.3	44.9	462.5
47,5°	53.1	53.8	65.9	58.5	59.2	58.8	59.9	60.0	59.8	59.0	57.8	47.8	510.3
50,0°	49.0	52.4	58.1	59.5	60.2	57.5	58.4	56.2	56.5	55.8	56.8	51.7	562.1
52,5°	47.6	51.8	55.7	54.3	55.8	54.5	53.9	54.8	53.8	53.5	53.4	54.9	616.9
55,0°	47.0	49.2	51.3	53.6	53.4	51.8	52.2	51.8	51.3	49.3	48.8	55.2	672.1
57,5°	45.4	44.7	46.5	47.9	48.4	48.5	47.8	47.7	47.4	46.4	47.2	53.2	725.3
60,0°	41.2	41.2	43.3	43.3	43.7	45.9	44.1	44.4	44.6	44.1	43.7	51.8	777.1
62,5°	37.1	39.0	39.1	39.8	38.6	39.5	41.5	41.8	42.1	42.8	44.1	49.6	826.7
65,0°	33.4	34.7	37.0	36.8	35.8	36.8	38.8	37.6	40.4	42.1	41.9	46.0	872.7
67,5°	29.7	31.0	32.3	32.5	32.0	32.6	33.8	36.5	37.1	35.6	34.6	40.0	912.8
70,0°	25.9	28.0	28.5	28.5	28.1	28.2	29.6	31.2	31.7	30.2	29.9	33.5	946.3
72,5°	21.7	23.7	24.6	25.3	25.5	26.0	25.4	26.6	27.1	26.8	25.0	26.9	973.2
75,0°	17.0	18.4	21.4	20.6	20.1	20.9	20.3	21.1	22.0	20.0	20.2	15.6	988.8
77,5°	12.3	14.7	16.6	16.7	16.2	16.3	15.3	12.3	9.2	7.0	6.0	7.1	995.9
80,0°	7.5	8.6	11.2	12.9	13.0	11.5	9.3	6.4	3.8	1.9	1.2	2.8	998.7
82,5°	3.8	4.4	5.7	8.4	8.1	7.0	4.2	2.7	1.4	0.5	0.4	1.1	999.7
85,0°	1.4	1.4	1.6	1.6	1.8	1.5	0.8	0.5	0.4	0.1	0.1	0.2	1000.0
87,5°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	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

Lichttechnischer Prüfbefund

Familie Streetlight 21 mini LED	Bestell-Nr.: 5XE2E61G08HB EAN: 4058352725689	LP-Nummer 59077_854
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	8480	70.9	75.1	73.0
95	241	252	8046	65.9	69.9	67.9
90	229	250	7645	61.6	65.2	63.4
85	216	248	7211	57.1	60.5	58.8
80	203	246	6777	52.7	55.8	54.2
75	190	243	6343	48.7	51.5	50.1
70	178	241	5943	45.0	47.5	46.2
65	165	238	5509	41.1	43.5	42.3
60	152	235	5075	37.4	39.5	38.4
55	140	232	4674	34.2	36.0	35.1
50	127	229	4240	30.7	32.3	31.5
45	114	225	3806	27.4	28.8	28.1
40	102	221	3405	24.3	25.6	25.0
35	89	216	2971	21.2	22.3	21.8
30	76	210	2537	18.2	19.1	18.6
25	63	203	2103	15.3	16.0	15.6
20	51	195	1703	12.7	13.2	13.0
15	38	184	1269	9.9	10.3	10.1
11	27	172	901	7.8	8.0	7.9

Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	8480	68.9	71.9	70.4
95	241	252	8046	64.3	67.1	65.7
90	229	250	7645	60.3	62.9	61.6
85	216	248	7211	56.0	58.4	57.2
80	203	246	6777	51.9	54.1	53.0
75	190	243	6343	48.0	50.0	49.0
70	178	241	5943	44.4	46.3	45.3
65	165	238	5509	40.8	42.4	41.6
60	152	235	5075	37.1	38.6	37.8
55	140	232	4674	33.9	35.3	34.6
50	127	229	4240	30.6	31.8	31.2
45	114	225	3806	27.3	28.3	27.8
40	102	221	3405	24.3	25.3	24.8
35	89	216	2971	21.2	22.0	21.6
30	76	210	2537	18.2	18.9	18.5
25	63	203	2103	15.3	15.9	15.6
20	51	195	1703	12.7	13.1	12.9
15	38	184	1269	9.9	10.2	10.0
11	27	172	901	8.0	8.1	8.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 mini LED	Bestell-Nr.: 5XE2E61G08HB EAN: 4058352725689	LP-Nummer 59077_854
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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	8480	69.7	72.8	71.2
95	241	252	8046	65.0	67.8	66.4
90	229	250	7645	60.8	63.5	62.2
85	216	248	7211	56.5	58.8	57.6
80	203	246	6777	52.3	54.4	53.4
75	190	243	6343	48.3	50.2	49.2
70	178	241	5943	44.6	46.4	45.5
65	165	238	5509	40.9	42.5	41.7
60	152	235	5075	37.3	38.6	38.0
55	140	232	4674	34.0	35.3	34.6
50	127	229	4240	30.6	31.8	31.2
45	114	225	3806	27.3	28.3	27.8
40	102	221	3405	24.3	25.2	24.8
35	89	216	2971	21.2	22.0	21.6
30	76	210	2537	18.2	18.8	18.5
25	63	203	2103	15.3	15.8	15.6
20	51	195	1703	12.7	13.1	12.9
15	38	184	1269	10.0	10.2	10.1
11	27	172	901	7.9	8.0	8.0

office

industry

traffic

retail

public

sports

Lichttechnischer Prüfbefund

Familie
Streetlight 21 mini LED

Bestell-Nr.: 5XE2E61G08HB
EAN: 4058352725689

LP-Nummer
59077_854

Lichtstrom-Tabelle

siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	8480.0	70.9
5.0	8480.0	68.9
15.0	8480.0	69.7