

Lichttechnischer Prüfbefund

Familie
Streetlight 21 mini easy LED

Bestell-Nr.: 5XE6C43A08GB
EAN: 4058352730454

LP-Nummer
59081_810



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, breit strahlend (ST0.8a)
Abdeckung	Einscheibensicherheitsglas (ESG)
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG DIM
Bemessungswerte	Nettolichtstrom = 6180 lm Systemleistung = 40.4 W Lichtausbeute = 153 lm/W

Seriendokumentation
18.07.2022

siteco

Lichtstärke in cd/klm

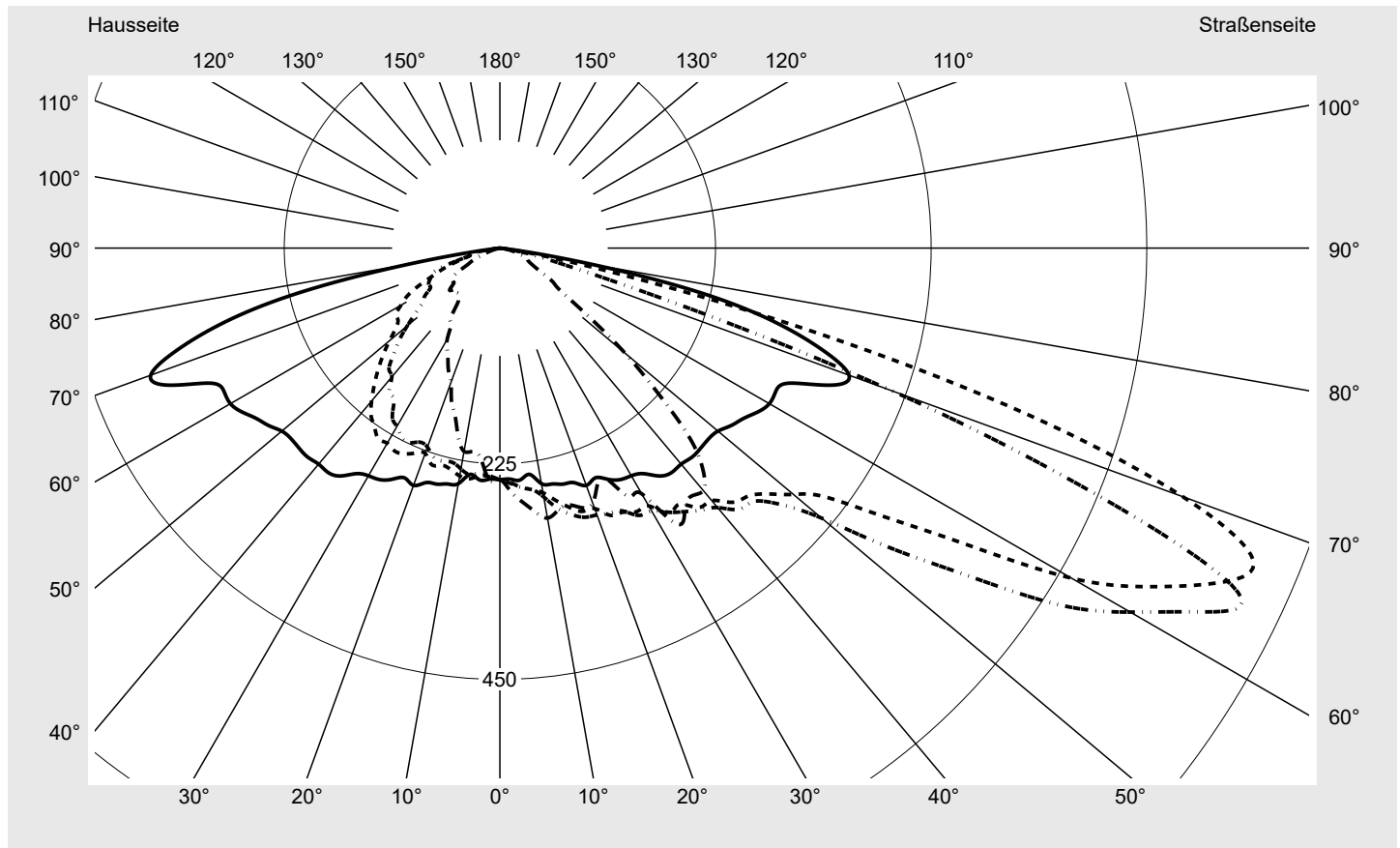
C180-0

C200-20

C205-25

C270-90

Imax: 851 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	826.1
Imax 80°	99.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

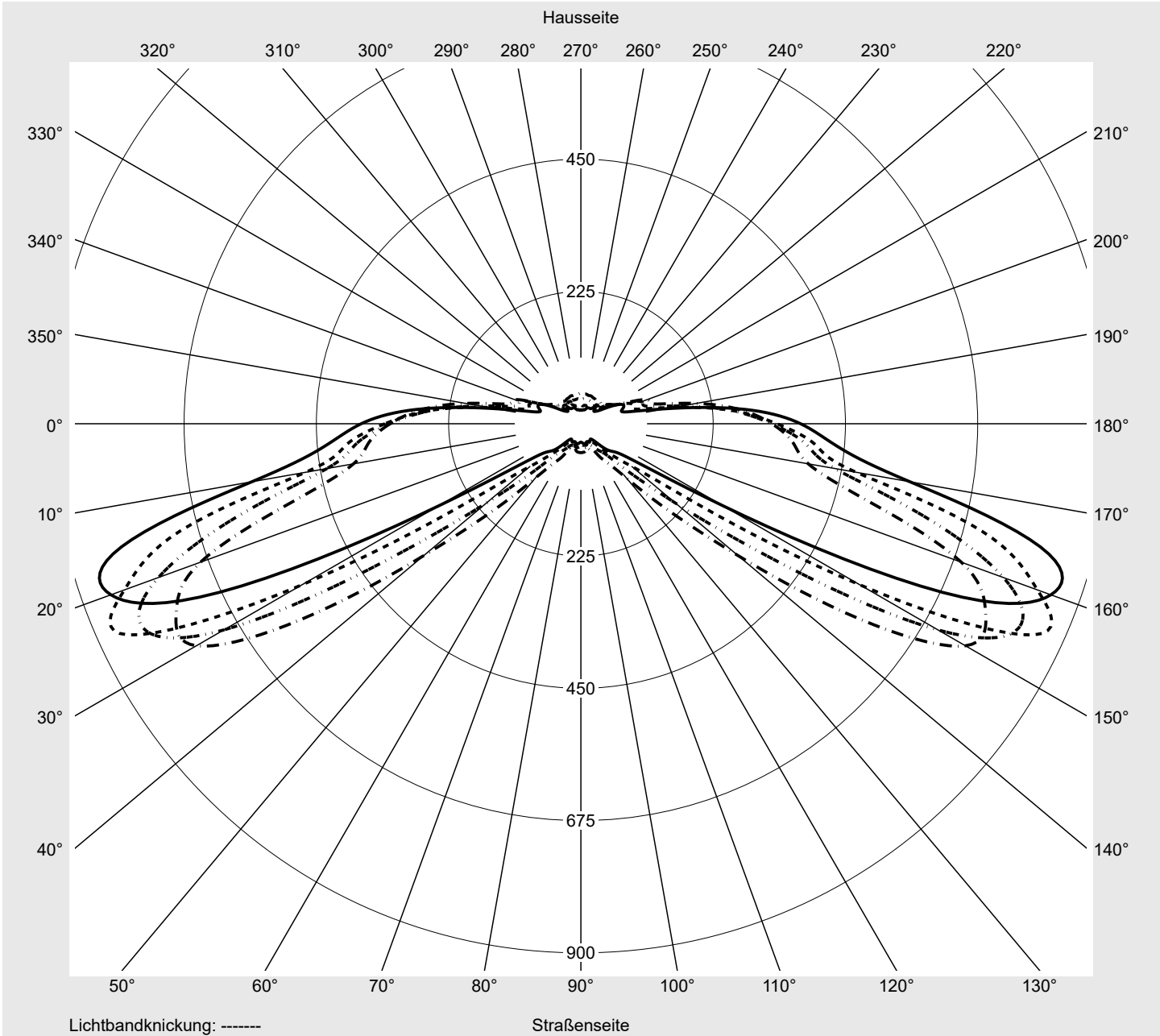
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°** **siteco**



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Familie Streetlight 21 mini easy LED	Bestell-Nr.: 5XE6C43A08GB EAN: 4058352730454	LP-Nummer 59081_810
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°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6
2,5°	241.2	242.0	242.3	244.6	244.8	245.6	247.5	249.2	247.9	248.6	249.4	249.4	252.1
5,0°	242.8	244.4	246.4	248.5	250.4	250.4	252.4	251.7	252.9	252.6	256.1	257.1	257.8
7,5°	238.1	244.7	246.4	249.3	254.1	253.8	256.3	259.1	262.2	263.1	264.0	270.2	274.3
10,0°	249.5	250.2	252.0	252.1	259.2	263.7	267.3	266.8	269.8	277.2	281.7	280.5	280.0
12,5°	252.1	255.9	263.4	267.0	269.7	278.2	283.8	288.0	292.2	295.4	292.5	284.3	282.5
15,0°	254.9	259.7	266.2	274.9	280.0	287.7	293.3	298.3	295.3	290.9	287.2	283.7	284.2
17,5°	256.6	260.1	271.3	284.8	287.9	294.5	301.9	294.7	290.2	290.7	291.7	283.4	285.5
20,0°	263.5	268.8	274.7	282.1	289.2	296.3	303.4	296.5	296.4	293.4	288.7	286.4	289.0
22,5°	259.6	274.8	287.3	297.4	301.8	299.5	298.4	305.1	306.8	304.8	295.9	292.1	289.5
25,0°	266.1	276.1	285.1	300.8	304.0	302.6	304.5	311.0	310.2	300.7	297.4	287.1	288.5
27,5°	272.3	279.3	296.0	304.9	309.9	314.4	317.9	310.6	307.7	310.4	295.7	288.2	284.2
30,0°	274.3	289.2	300.3	316.6	310.7	316.6	319.9	318.9	312.8	302.3	293.0	291.8	303.0
32,5°	279.1	301.8	308.2	311.8	328.0	326.7	325.8	322.5	315.6	310.9	310.7	313.2	326.1
35,0°	290.3	306.6	313.9	321.4	326.3	335.7	340.7	328.4	326.0	321.2	325.3	345.8	350.0
37,5°	294.9	312.8	318.0	328.7	341.1	344.6	341.9	346.7	346.5	347.6	362.9	374.3	375.4
40,0°	294.3	313.3	322.6	331.9	343.9	353.4	365.0	349.2	364.3	390.5	399.4	410.7	406.8
42,5°	296.2	309.6	325.7	338.2	359.7	369.6	367.0	368.1	396.6	441.2	445.2	430.6	422.9
45,0°	295.8	310.9	331.9	350.3	366.0	373.9	386.4	416.1	448.0	481.0	472.9	440.8	413.9
47,5°	295.0	309.3	335.6	359.3	379.7	395.4	417.5	470.9	503.3	514.4	478.4	422.0	378.4
50,0°	297.1	314.5	341.4	367.3	399.9	438.3	493.0	538.5	552.9	521.1	455.9	389.4	328.3
52,5°	304.1	328.9	343.7	368.4	425.7	514.1	577.6	608.3	578.7	500.9	416.3	327.5	253.0
55,0°	310.1	333.9	356.5	394.4	487.6	595.7	651.0	646.3	561.3	455.6	325.0	237.0	181.1
57,5°	318.6	348.3	372.4	430.0	573.5	693.1	711.4	657.9	500.3	322.7	213.2	147.1	101.6
60,0°	324.7	361.8	392.8	503.4	688.8	759.6	755.3	579.5	348.8	203.5	120.8	83.4	65.9
62,5°	324.4	382.8	438.5	601.3	765.0	821.8	701.7	408.6	209.8	117.2	71.5	56.9	47.8
65,0°	333.4	399.5	475.5	706.3	826.4	849.8	548.2	221.0	113.1	76.8	55.7	41.0	36.7
67,5°	373.8	437.3	568.4	809.1	850.8	678.6	279.2	107.7	74.5	62.1	43.2	32.6	31.2
70,0°	387.7	464.2	653.7	826.1	758.4	435.7	109.8	75.1	59.5	49.6	33.2	30.6	30.4
72,5°	352.6	441.9	676.5	725.8	577.5	196.6	70.4	55.5	45.7	39.8	29.7	22.8	23.7
75,0°	295.8	412.3	568.9	514.5	344.7	80.9	53.8	39.8	29.9	31.3	23.0	17.7	16.7
77,5°	213.1	276.5	324.1	259.9	142.0	43.1	29.2	20.9	19.0	22.5	18.6	15.0	14.8
80,0°	96.9	99.6	98.7	79.6	43.8	20.2	12.7	11.1	13.4	14.1	12.0	9.7	10.4
82,5°	18.6	21.9	19.9	11.4	8.2	6.5	5.2	5.0	6.6	7.4	7.2	5.6	6.1
85,0°	1.2	1.2	1.3	1.4	1.4	1.6	1.6	1.7	2.2	2.8	2.5	2.3	2.1
87,5°	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.4
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

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°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6
2,5°	252.7	252.3	253.5	253.9	252.0	253.8	240.2	239.2	240.4	239.0	237.8	236.9	238.2
5,0°	261.6	262.9	262.6	262.5	264.1	265.6	242.6	240.6	238.7	238.3	235.4	234.3	235.6
7,5°	275.6	278.5	278.2	277.4	277.8	277.0	238.4	241.3	240.2	242.8	238.2	235.5	230.7
10,0°	284.8	286.5	285.3	284.2	283.5	286.0	246.7	248.1	242.7	241.4	234.0	230.9	226.1
12,5°	282.9	285.3	280.5	275.7	279.2	280.2	254.8	247.0	239.2	236.8	229.0	222.6	221.7
15,0°	281.8	277.5	277.9	279.4	277.7	277.4	244.7	239.6	238.4	234.6	230.0	219.2	214.8
17,5°	283.9	277.3	277.7	278.9	281.6	284.0	248.6	244.3	240.8	236.9	228.6	219.6	210.1
20,0°	284.6	279.3	279.5	278.5	278.6	283.3	250.4	244.8	243.7	227.9	221.0	216.4	210.3
22,5°	284.0	276.8	272.6	269.1	269.6	266.4	255.9	245.3	244.2	231.5	219.1	210.1	200.8
25,0°	275.9	270.8	271.0	266.2	274.3	266.8	255.1	246.9	247.0	236.8	224.1	207.1	197.3
27,5°	277.2	288.3	288.6	296.6	291.7	292.3	261.4	252.5	247.8	238.4	222.4	196.8	187.3
30,0°	300.5	303.6	307.8	308.9	315.5	295.9	263.4	249.0	247.9	235.1	214.7	195.0	180.4
32,5°	328.9	326.4	327.8	332.8	327.9	340.2	269.9	256.6	249.9	235.9	208.8	190.6	172.1
35,0°	351.6	348.3	339.6	342.2	331.1	336.2	268.3	256.9	245.4	228.0	192.6	183.8	161.7
37,5°	368.3	358.0	349.0	341.4	341.3	326.8	275.2	256.7	243.1	220.7	189.6	173.4	144.9
40,0°	386.9	376.4	360.5	348.9	343.2	330.2	273.0	257.9	233.4	208.2	175.4	159.5	133.5
42,5°	394.5	377.0	352.8	342.8	324.4	313.6	277.4	255.6	229.9	194.1	171.3	138.8	126.0
45,0°	373.7	341.2	311.2	287.0	275.0	280.3	269.7	257.0	221.7	179.7	156.7	124.5	119.8
47,5°	332.0	291.1	265.7	241.8	221.6	223.1	275.8	249.1	205.7	165.3	142.6	109.4	111.0
50,0°	269.1	232.1	206.2	184.4	172.7	170.4	273.8	244.3	195.3	150.3	126.0	94.7	101.4
52,5°	205.2	169.9	145.0	128.5	115.1	114.5	281.2	239.7	184.0	136.5	110.2	80.3	85.7
55,0°	131.1	105.8	91.9	86.1	80.5	76.4	280.3	234.7	170.5	129.9	97.7	73.5	69.5
57,5°	73.3	66.6	63.9	61.6	62.7	65.4	278.3	218.0	152.3	128.6	92.8	69.3	60.8
60,0°	48.6	47.2	42.4	46.5	48.7	49.2	272.7	199.4	130.1	119.1	83.8	65.0	57.4
62,5°	40.8	39.5	39.7	41.1	40.0	38.8	256.8	173.8	115.3	109.6	83.4	61.6	54.5
65,0°	37.1	33.9	37.3	36.9	36.5	33.5	258.2	159.9	96.1	94.2	81.3	61.6	46.5
67,5°	34.6	32.3	33.4	34.6	33.0	31.3	280.0	147.2	77.5	76.0	77.6	59.7	40.8
70,0°	32.0	32.4	30.4	31.7	27.2	29.4	247.6	108.4	58.8	62.7	73.3	58.4	38.2
72,5°	25.2	26.4	26.2	25.4	24.8	23.6	184.7	71.9	48.7	47.4	57.3	50.8	34.9
75,0°	18.7	17.1	18.0	18.7	18.1	18.1	95.7	27.7	25.4	34.3	36.0	34.8	26.3
77,5°	14.2	12.3	12.0	12.2	12.3	12.3	55.6	9.6	10.9	31.1	30.8	23.9	17.8
80,0°	9.5	8.8	8.8	7.5	7.9	7.8	31.0	5.8	8.6	24.2	22.9	16.0	10.4
82,5°	5.3	5.0	4.6	4.2	4.0	3.9	6.6	3.0	4.1	6.3	5.3	3.5	3.5
85,0°	2.4	2.0	1.4	1.5	1.4	1.5	1.1	1.0	1.1	0.9	0.9	0.9	0.8
87,5°	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	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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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°	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	241.6	0.4	0.4
2,5°	241.3	240.5	242.5	240.1	240.5	238.9	241.6	240.1	240.9	241.1	242.6	2.9	3.3
5,0°	232.5	230.0	225.5	221.8	226.5	227.3	225.3	224.8	224.3	223.2	221.9	5.8	9.1
7,5°	228.8	226.5	219.5	220.7	219.6	217.7	217.0	215.7	214.0	216.2	214.1	8.8	17.9
10,0°	221.8	216.9	211.2	208.7	206.8	206.5	210.1	210.0	211.5	208.9	215.3	11.8	29.6
12,5°	221.7	219.0	212.0	208.5	206.1	204.8	203.5	204.8	201.1	201.1	201.2	14.8	44.4
15,0°	211.3	207.1	204.4	200.9	196.2	194.7	186.5	183.8	185.7	182.0	180.8	17.4	61.9
17,5°	206.3	200.6	196.9	186.4	183.3	178.8	172.8	169.8	169.5	171.3	167.7	20.1	82.0
20,0°	201.6	192.2	182.0	171.8	168.4	169.4	161.9	159.0	152.8	148.9	148.7	22.6	104.6
22,5°	189.5	176.3	168.2	165.5	154.6	153.5	147.6	143.0	146.7	143.6	139.5	25.0	129.6
25,0°	184.5	169.4	158.8	149.7	145.1	148.3	144.2	138.2	133.4	130.4	128.2	27.4	157.0
27,5°	173.0	162.7	150.4	149.3	152.3	145.3	136.2	132.8	127.0	122.5	119.2	30.2	187.2
30,0°	162.4	143.6	144.2	152.2	146.6	139.1	131.5	121.9	116.8	109.9	110.0	32.9	220.1
32,5°	151.4	142.8	146.9	152.1	141.3	130.1	121.6	111.3	102.8	98.5	94.4	36.1	256.2
35,0°	140.7	148.0	157.5	143.3	130.4	119.8	107.6	101.9	94.1	89.2	89.6	39.0	295.2
37,5°	138.0	151.9	149.9	134.8	118.8	107.3	100.5	88.0	82.4	76.3	72.6	41.9	337.1
40,0°	134.4	154.1	135.3	122.6	107.1	94.1	82.6	75.7	70.2	69.0	67.6	44.8	381.9
42,5°	138.4	139.5	121.1	109.8	93.4	82.5	71.8	67.9	67.8	68.3	64.3	47.4	429.2
45,0°	135.6	129.0	109.2	95.4	84.3	74.3	65.8	66.7	65.5	64.6	65.4	48.8	478.1
47,5°	125.8	116.1	98.6	83.3	73.0	64.2	64.1	63.7	65.2	64.9	63.6	49.6	527.7
50,0°	107.6	99.0	88.5	78.2	64.9	64.1	63.1	62.8	63.9	65.5	68.4	50.0	577.6
52,5°	82.9	78.7	77.0	68.7	62.1	60.2	64.1	62.3	63.2	61.5	60.9	49.5	627.1
55,0°	64.7	64.0	67.3	59.9	58.1	58.2	61.6	60.8	61.2	59.8	60.3	48.5	675.6
57,5°	53.0	55.4	58.6	53.2	55.7	56.3	57.2	58.4	55.2	57.5	58.2	47.1	722.8
60,0°	49.5	48.0	49.5	47.1	48.3	48.9	50.3	49.9	51.1	50.6	52.4	45.5	768.2
62,5°	42.5	42.0	42.1	39.9	42.7	41.6	42.2	42.0	42.4	42.1	39.2	43.6	811.9
65,0°	40.5	35.1	38.1	36.5	35.7	35.7	33.2	31.9	31.9	30.6	32.6	41.7	853.6
67,5°	33.0	31.2	36.8	31.9	30.2	29.8	27.8	24.5	24.4	22.9	23.8	39.4	892.9
70,0°	29.7	26.8	31.6	27.6	24.7	23.0	20.2	19.4	17.5	17.6	16.9	35.6	928.5
72,5°	23.8	22.1	24.3	22.0	18.8	15.9	14.1	13.3	12.0	11.5	10.8	29.6	958.2
75,0°	17.8	15.2	17.8	16.9	13.4	11.6	9.2	7.4	6.2	5.9	5.9	21.6	979.7
77,5°	13.5	11.4	11.0	11.4	10.7	7.7	5.3	3.3	2.5	1.9	1.7	12.8	992.6
80,0°	7.9	5.9	6.5	6.2	5.3	4.4	3.9	1.5	1.0	0.8	0.8	5.5	998.1
82,5°	3.3	2.7	2.5	2.3	2.2	1.7	2.0	0.7	0.3	0.2	0.2	1.5	999.6
85,0°	0.6	0.6	0.5	0.4	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.3	999.9
87,5°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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

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Familie Streetlight 21 mini easy LED	Bestell-Nr.: 5XE6C43A08GB EAN: 4058352730454	LP-Nummer 59081_810
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	6180	40.4	41.1	40.8
95	94	5854	37.9	38.6	38.2
90	89	5577	35.9	36.6	36.2
85	83	5241	33.5	34.1	33.8
80	78	4957	31.5	32.0	31.8
75	72	4613	29.1	29.6	29.4
70	67	4320	27.2	27.6	27.4
65	62	4024	25.2	25.6	25.4
60	57	3724	23.3	23.6	23.5
55	52	3422	21.3	21.6	21.5
50	47	3115	19.4	19.7	19.5
45	42	2804	17.5	17.7	17.6
40	37	2489	15.5	15.8	15.6
35	32	2171	13.6	13.8	13.7
30	27	1848	11.8	11.9	11.9
25	22	1521	9.9	10.1	10.0
20	18	1256	8.4	8.5	8.4
15	13	923	6.6	6.7	6.6

Dimmstufen-Tabelle		Umgebungstemperatur: 5°C
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Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	6320	40.9	41.6	41.2
95	94	5982	38.5	39.2	38.8
90	89	5695	36.4	37.1	36.8
85	83	5348	34.0	34.5	34.2
80	78	5055	31.9	32.5	32.2
75	73	4760	30.0	30.4	30.2
70	67	4399	27.6	28.0	27.8
65	62	4096	25.6	25.9	25.8
60	57	3788	23.6	24.0	23.8
55	52	3479	21.6	21.9	21.8
50	47	3165	19.7	20.0	19.8
45	42	2847	17.7	17.9	17.8
40	37	2526	15.8	16.1	16.0
35	32	2202	13.8	14.1	14.0
30	27	1873	12.0	12.1	12.0
25	23	1608	10.4	10.6	10.5
20	18	1274	8.6	8.7	8.6
15	13	935	6.7	6.8	6.8

Lichttechnischer Prüfbefund

Familie Streetlight 21 mini easy LED	Bestell-Nr.: 5XE6C43A08GB EAN: 4058352730454	LP-Nummer 59081_810
Dimmstufen-Tabelle		Umgebungstemperatur: 15°C
siteco		

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	6260	40.6	41.4	41.0
95	94	5928	38.2	38.9	38.6
90	89	5646	36.1	36.9	36.5
85	83	5303	33.7	34.3	34.0
80	78	5015	31.7	32.3	32.0
75	73	4723	29.7	30.2	30.0
70	67	4366	27.4	27.8	27.6
65	62	4066	25.4	25.8	25.6
60	57	3762	23.4	23.8	23.6
55	52	3455	21.4	21.8	21.6
50	47	3145	19.5	19.8	19.6
45	42	2830	17.6	17.8	17.7
40	37	2511	15.6	15.9	15.8
35	32	2190	13.7	13.9	13.8
30	27	1863	11.9	12.0	12.0
24	22	1533	9.9	10.1	10.0
20	18	1267	8.5	8.6	8.6
15	13	930	6.6	6.7	6.6

Lichttechnischer Prüfbefund**Familie****Streetlight 21 mini easy LED****Bestell-Nr.: 5XE6C43A08GB****EAN: 4058352730454****LP-Nummer****59081_810****Lichtstrom-Tabelle****siteco**

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	6180.0	40.4
5.0	6320.0	40.9
15.0	6260.0	40.6