

## Lichttechnischer Prüfbefund

**Familie**  
Streetlight 21 mini easy LED

**Bestell-Nr.:** 5XE6E23A08HB  
**EAN:** 4058352730546

**LP-Nummer**  
59077\_805



<b>Ausführung</b>	Mastansatz- / Mastaufsatzmontage
<b>Optik</b>	asymmetrisch, breit strahlend (STW1.0a)
<b>Abdeckung</b>	Einscheibensicherheitsglas (ESG)
<b>Bestückung</b>	LED 2200 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG DIM
<b>Bemessungswerte</b>	Nettolichtstrom = 7490 lm Systemleistung = 66.0 W Lichtausbeute = 113.5 lm/W

**Seriendokumentation**  
18.07.2022

siteco

**Lichtstärke in cd/klm**

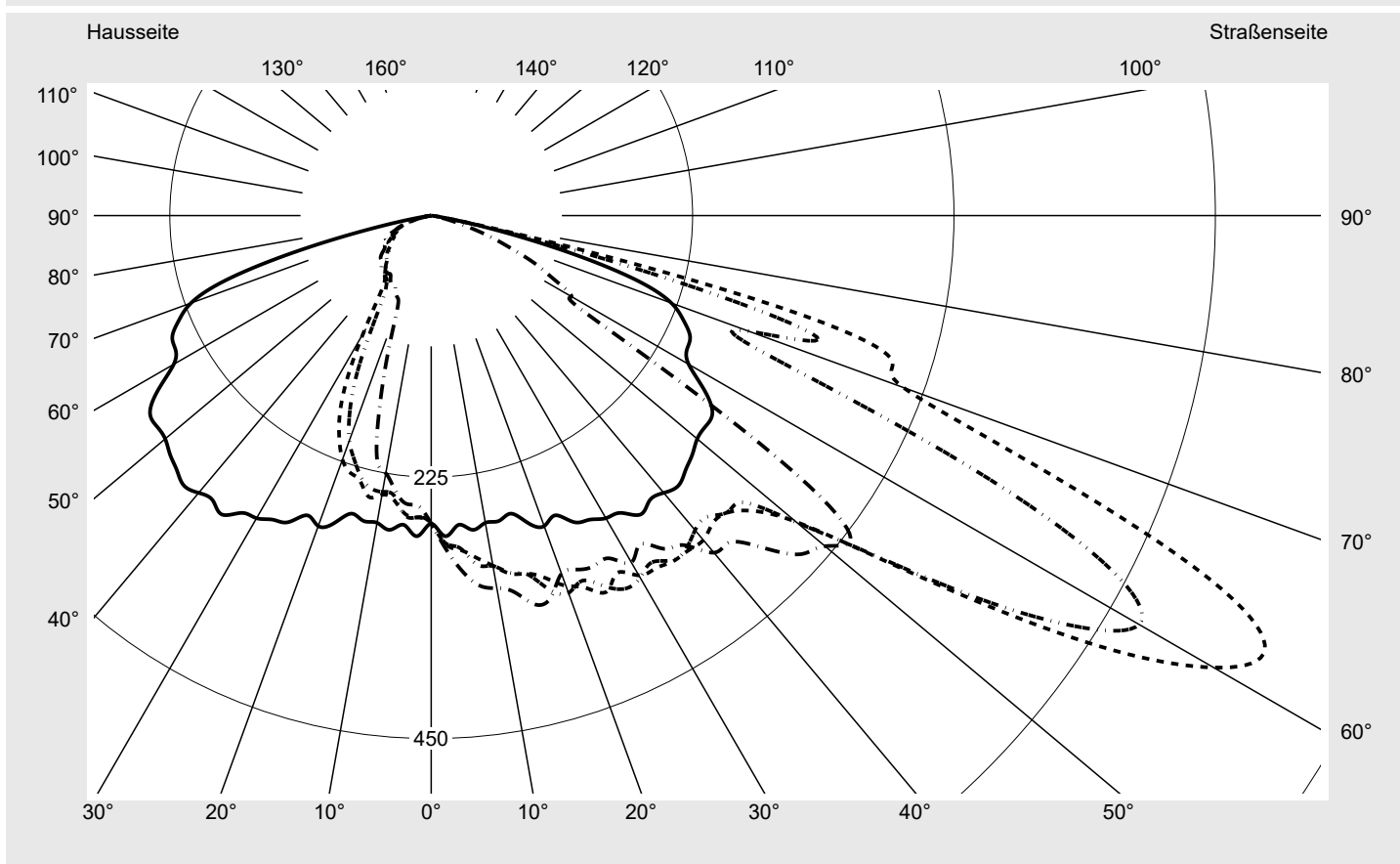
**C180-0**

**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

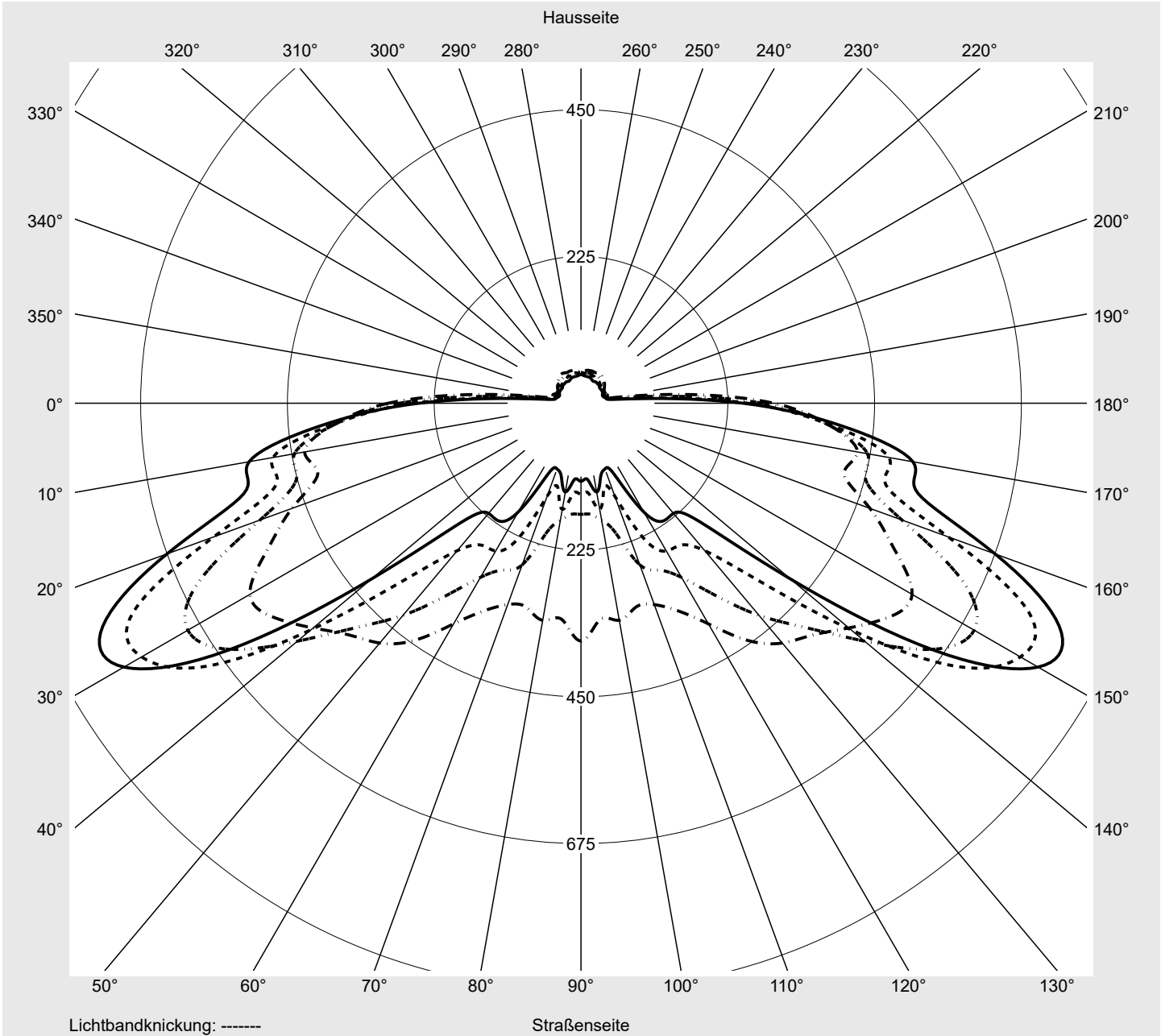
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> Streetlight 21 mini easy LED	<b>Bestell-Nr.:</b> 5XE6E23A08HB <b>EAN:</b> 4058352730546	<b>LP-Nummer</b> 59077_805
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**Kegelmantelkurven in cd/klm**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**    **KMK 55°**    **siteco**



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<b>Familie</b> <b>Streetlight 21 mini easy LED</b>	<b>Bestell-Nr.: 5XE6E23A08HB</b> <b>EAN: 4058352730546</b>	<b>LP-Nummer</b> <b>59077_805</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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

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<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 25°C</b>
<b>siteco</b>		

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	7490	66.0	68.9	67.4
95	94	7137	61.9	64.7	63.3
90	88	6766	57.9	60.5	59.2
85	82	6383	53.9	56.3	55.1
80	76	5992	50.0	52.2	51.1
75	70	5586	46.1	48.1	47.1
70	65	5241	42.9	44.7	43.8
65	60	4890	39.7	41.3	40.5
60	54	4458	35.8	37.3	36.6
55	49	4089	32.7	34.0	33.4
50	44	3713	29.5	30.7	30.1
45	40	3406	27.0	28.0	27.5
40	35	3014	23.9	24.8	24.4
35	30	2613	20.7	21.6	21.2
31	26	2286	18.3	18.9	18.6
25	21	1871	15.1	15.7	15.4
20	17	1532	12.7	13.2	13.0
15	12	1101	9.7	10.0	9.8
14	11	1013	9.1	9.4	9.2

## Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	7700	66.8	69.7	68.2
95	94	7324	62.6	65.5	64.0
90	88	6935	58.6	61.2	59.9
85	82	6534	54.6	57.1	55.8
80	76	6126	50.7	52.8	51.8
75	71	5775	47.3	49.4	48.3
70	66	5420	44.1	46.0	45.0
65	60	4984	40.2	41.9	41.0
60	55	4615	36.9	38.4	37.6
55	50	4236	33.8	35.1	34.4
50	45	3851	30.5	31.8	31.2
45	40	3459	27.4	28.4	27.9
40	35	3059	24.2	25.1	24.6
35	31	2732	21.7	22.5	22.1
30	26	2316	18.5	19.2	18.8
25	21	1894	15.4	16.0	15.7
20	17	1550	12.9	13.4	13.2
14	12	1113	9.8	10.1	10.0
13	11	1025	9.2	9.5	9.4

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 mini easy LED</b>	<b>Bestell-Nr.: 5XE6E23A08HB</b> <b>EAN: 4058352730546</b>	<b>LP-Nummer</b> <b>59077_805</b>
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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 15°C	<b>siteco</b>
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Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	7600	66.4	69.3	67.8
95	94	7236	62.3	65.1	63.7
90	88	6855	58.3	60.9	59.6
85	82	6462	54.3	56.7	55.5
80	76	6063	50.3	52.5	51.4
75	71	5718	47.0	49.1	48.0
70	65	5298	43.1	45.0	44.0
65	60	4940	39.9	41.6	40.8
60	55	4575	36.7	38.2	37.4
55	50	4202	33.5	34.9	34.2
50	45	3822	30.3	31.5	30.9
45	40	3435	27.2	28.2	27.7
40	35	3038	24.0	24.9	24.4
35	30	2632	20.8	21.7	21.2
30	26	2302	18.4	19.1	18.8
25	21	1883	15.2	15.8	15.5
20	17	1542	12.8	13.3	13.0
15	12	1107	9.7	10.0	9.8
13	11	1019	9.1	9.5	9.3

## Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 21 mini easy LED**

**Bestell-Nr.: 5XE6E23A08HB**  
**EAN: 4058352730546**

**LP-Nummer**  
**59077\_805**

### Lichtstrom-Tabelle

**sITeco**

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	7490.0	66.0
5.0	7700.0	66.8
15.0	7600.0	66.4