

## Lichttechnischer Prüfbefund

**Familie**  
Streetlight 21 mini easy LED

**Bestell-Nr.:** 5XE6C33A08JB  
**EAN:** 4058352730447

**LP-Nummer**  
59082\_72



<b>Ausführung</b>	Mastansatz- / Mastaufsatzmontage
<b>Optik</b>	asymmetrisch, breit strahlend (ST0.8a G)
<b>Abdeckung</b>	Einscheibensicherheitsglas (ESG)
<b>Bestückung</b>	LED 3000 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG DIM
<b>Bemessungswerte</b>	Nettolichtstrom = 12830 lm Systemleistung = 87.3 W Lichtausbeute = 147 lm/W

**Seriendokumentation**  
23.08.2022

siteco

**Lichtstärke in cd/klm**

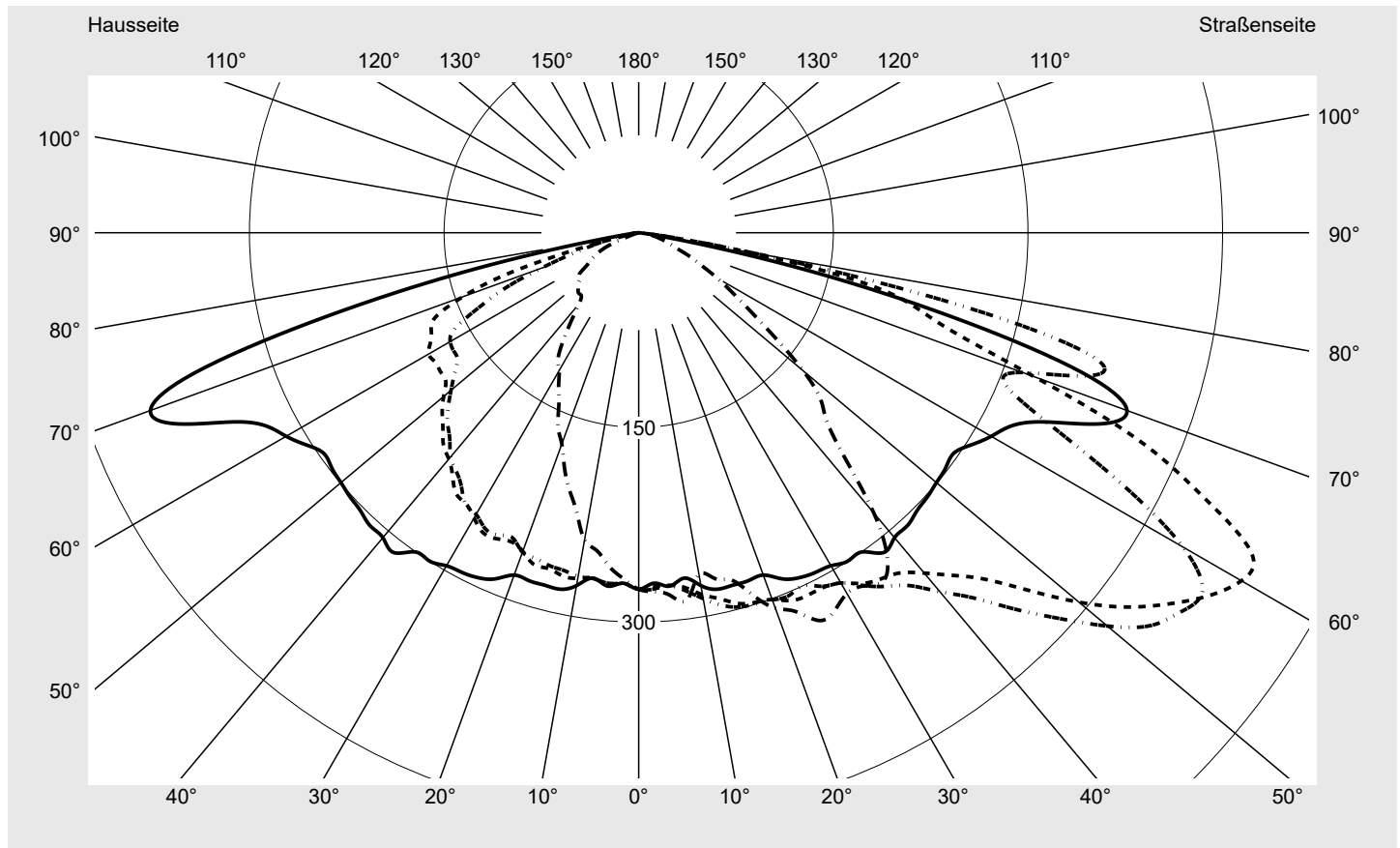
C180-0

C195-15

C200-20

C270-90

**Imax: 536 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G4
Imax 70°	493.9
Imax 80°	97.8
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Messbedingungen**

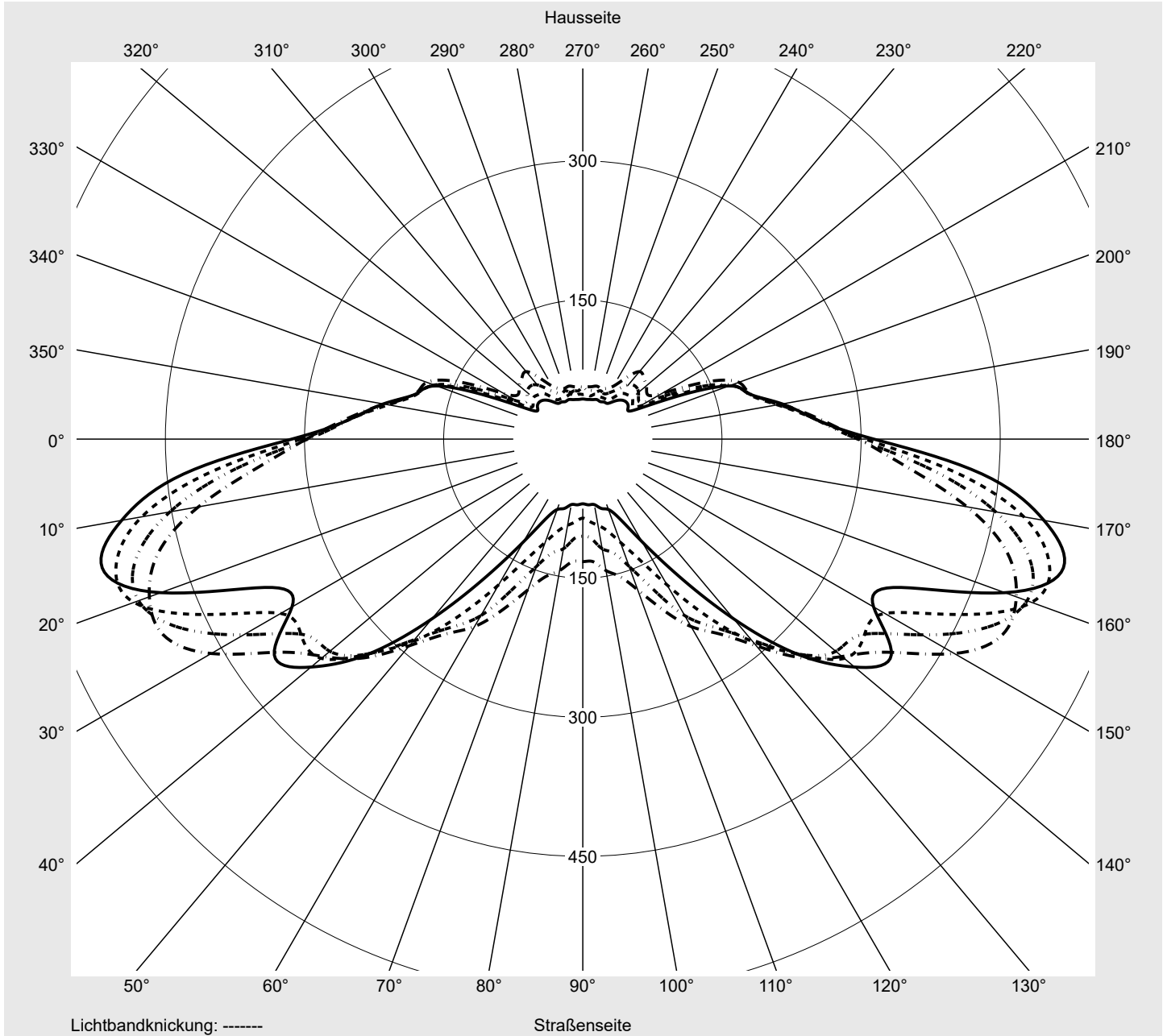
DIN EN 13032 und DIN 5032

### Lichttechnischer Prüfbefund

<b>Familie</b> Streetlight 21 mini easy LED	<b>Bestell-Nr.:</b> 5XE6C33A08JB <b>EAN:</b> 4058352730447	<b>LP-Nummer</b> 59082_72
--	---	------------------------------



**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**



## Lichttechnischer Prüfbefund

<b>Familie</b> Streetlight 21 mini easy LED	<b>Bestell-Nr.: 5XE6C33A08JB</b> <b>EAN: 4058352730447</b>	<b>LP-Nummer</b> 59082_72
<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°	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7
2,5°	270.3	270.4	271.5	273.2	274.7	274.7	274.1	274.2	274.4	274.0	277.0	277.1	276.6
5,0°	273.4	274.3	273.6	272.7	273.3	272.3	273.5	276.6	278.8	280.3	282.6	283.8	283.6
7,5°	268.4	272.0	274.5	275.9	278.4	281.1	280.9	281.1	283.3	281.4	281.4	282.2	283.4
10,0°	276.1	275.9	278.7	283.3	286.3	286.9	286.0	284.7	284.2	281.9	279.6	277.1	277.3
12,5°	281.3	282.2	283.7	288.9	293.9	293.8	293.7	291.9	286.3	284.1	279.7	275.7	274.4
15,0°	281.1	288.0	292.4	295.7	298.6	296.0	289.7	288.1	284.8	282.9	277.7	276.9	276.0
17,5°	281.1	290.6	297.2	298.7	299.8	298.7	288.5	285.6	284.8	283.6	284.4	283.4	282.6
20,0°	280.7	292.1	296.6	300.8	301.1	293.8	288.4	289.1	289.4	289.7	292.3	294.8	294.6
22,5°	288.7	295.6	305.2	306.8	302.6	291.6	294.7	298.4	296.3	302.0	304.4	307.3	310.9
25,0°	293.3	302.1	310.2	308.2	300.0	304.4	300.3	306.0	314.5	315.8	322.6	327.6	328.1
27,5°	295.1	304.0	315.6	308.2	307.2	309.0	311.5	316.2	322.4	331.3	341.0	342.3	347.8
30,0°	296.3	310.5	318.6	311.7	311.7	317.3	321.0	328.4	335.1	348.1	357.8	362.2	361.1
32,5°	300.0	316.4	321.2	320.4	322.3	332.0	333.6	347.0	358.3	367.3	373.3	381.7	372.6
35,0°	300.3	319.7	321.7	325.6	332.6	343.0	357.1	367.9	377.8	390.3	388.6	387.7	369.4
37,5°	310.5	323.4	327.5	330.5	342.7	360.8	372.5	392.7	414.1	412.2	402.6	386.6	372.5
40,0°	306.7	330.8	334.6	342.4	361.1	375.6	400.5	408.6	435.7	427.5	406.4	389.1	370.1
42,5°	306.3	335.9	340.9	358.1	381.7	400.9	421.0	435.6	445.3	435.6	399.0	382.7	355.5
45,0°	303.2	331.0	352.9	377.7	410.2	434.3	445.3	455.7	442.6	423.9	389.8	341.8	303.3
47,5°	301.6	336.5	377.0	408.1	440.1	460.6	469.6	457.4	422.0	387.5	349.8	300.0	258.6
50,0°	299.6	347.6	392.2	442.9	471.5	482.6	470.8	441.6	392.0	354.8	309.2	269.5	243.1
52,5°	298.1	351.8	420.7	473.8	497.3	499.2	462.5	400.7	364.8	333.6	290.9	256.4	233.4
55,0°	296.4	377.3	452.0	498.7	509.7	480.6	422.2	367.6	356.1	327.6	282.3	247.9	219.8
57,5°	304.1	401.5	482.8	520.7	515.0	447.7	376.1	370.2	367.9	327.8	285.1	233.0	181.5
60,0°	313.7	432.1	504.8	536.4	484.2	378.6	362.0	406.0	382.5	328.5	253.1	180.4	127.9
62,5°	323.0	454.5	522.9	531.9	420.3	344.5	406.4	437.2	400.9	298.6	180.8	103.7	72.0
65,0°	344.9	474.6	534.2	478.7	349.3	355.5	461.5	463.3	369.4	197.1	86.0	60.4	50.6
67,5°	384.9	502.1	523.3	416.2	305.9	418.2	501.2	453.1	243.9	95.6	57.8	47.3	41.7
70,0°	400.5	466.7	464.5	324.8	314.9	493.9	484.0	328.4	125.6	60.9	45.2	38.8	34.8
72,5°	358.5	358.7	351.8	254.6	365.9	485.2	394.2	184.1	76.3	45.4	33.5	30.2	27.1
75,0°	248.8	218.0	225.7	220.3	356.9	392.4	267.8	98.5	34.6	31.5	29.4	24.9	21.7
77,5°	130.6	113.0	145.7	175.3	240.1	233.3	127.5	42.6	21.2	23.4	23.0	16.7	15.6
80,0°	34.5	28.3	60.6	84.1	88.8	97.8	40.6	17.8	14.2	16.4	14.0	11.1	11.6
82,5°	7.5	5.6	9.8	16.6	21.5	20.4	10.9	7.9	8.8	8.6	8.9	5.8	7.0
85,0°	1.1	1.2	1.1	1.3	1.4	1.9	2.3	2.1	2.2	2.7	3.5	2.8	2.3
87,5°	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.6	0.5
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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 mini easy LED</b>	<b>Bestell-Nr.: 5XE6C33A08JB</b> <b>EAN: 4058352730447</b>	<b>LP-Nummer</b> <b>59082_72</b>
<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°	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7
2,5°	277.3	277.3	277.6	276.6	277.0	276.8	270.8	271.1	270.4	270.8	270.2	268.3	267.7
5,0°	281.9	281.9	278.2	280.1	281.1	280.6	273.6	273.0	271.7	271.1	269.1	268.2	265.4
7,5°	283.5	282.9	281.4	281.0	282.1	285.4	268.8	268.8	268.5	268.8	266.7	267.0	264.4
10,0°	279.2	274.9	270.8	268.5	269.2	267.3	274.9	272.6	270.4	268.7	265.5	260.5	259.1
12,5°	272.1	272.1	273.6	269.2	269.2	273.1	277.7	274.5	270.9	266.6	261.3	260.1	257.8
15,0°	276.2	274.6	273.2	280.0	279.6	277.2	274.9	270.0	268.0	265.6	261.1	253.1	248.9
17,5°	285.8	287.0	285.3	286.6	289.2	292.9	272.7	272.3	268.1	263.3	259.7	253.3	247.5
20,0°	299.1	299.4	301.3	300.1	304.9	307.8	276.8	266.0	261.2	262.0	255.9	246.8	236.8
22,5°	313.3	316.0	319.4	316.6	317.2	315.9	280.7	268.4	257.6	254.4	250.0	238.1	227.3
25,0°	332.9	331.7	329.1	327.2	327.4	329.8	278.2	269.4	260.1	257.0	246.4	228.9	216.0
27,5°	347.9	343.4	339.0	334.3	330.1	327.7	279.9	264.3	260.3	256.8	239.8	225.1	209.4
30,0°	360.9	348.0	335.3	330.2	324.7	321.0	279.0	262.4	253.7	250.7	238.4	217.0	198.0
32,5°	362.6	347.1	334.4	330.4	326.1	322.8	284.1	262.1	247.8	248.2	226.8	210.6	193.3
35,0°	356.8	346.6	334.7	336.8	328.1	328.1	280.8	258.0	245.4	238.4	219.8	203.2	186.8
37,5°	357.5	341.5	333.2	324.9	314.7	314.6	279.2	255.9	235.7	231.4	214.7	193.6	178.6
40,0°	343.5	323.7	301.8	292.7	285.0	281.8	278.8	246.9	227.6	225.6	204.9	186.4	162.2
42,5°	311.3	283.7	259.6	245.5	240.5	235.1	275.8	245.2	222.6	215.5	197.8	175.8	147.6
45,0°	263.6	240.0	225.9	210.9	205.5	204.7	269.5	235.2	213.4	208.3	188.9	160.6	131.2
47,5°	233.5	212.2	205.2	196.9	185.3	190.2	264.3	230.8	205.4	199.3	173.8	140.3	115.6
50,0°	214.5	200.5	186.8	176.0	167.7	165.6	259.0	220.9	196.2	188.8	159.4	120.1	101.4
52,5°	202.4	173.0	153.3	144.0	132.9	132.1	254.9	217.3	187.5	179.0	145.3	98.1	84.8
55,0°	178.1	146.2	127.0	120.0	107.8	104.8	250.8	214.4	186.5	170.5	129.2	82.5	73.4
57,5°	142.5	118.4	102.4	94.4	89.3	85.3	251.0	212.9	185.8	169.2	115.7	71.1	65.4
60,0°	95.2	80.8	77.5	71.8	71.2	69.8	251.1	218.4	187.0	167.7	103.8	61.3	59.6
62,5°	58.0	54.8	52.2	54.7	53.3	54.6	253.1	214.1	180.6	159.5	93.9	56.2	53.4
65,0°	44.4	44.5	46.9	43.2	43.6	44.1	259.8	218.3	176.5	135.3	87.7	51.0	49.2
67,5°	38.9	35.1	35.0	34.1	33.4	32.4	277.4	228.7	169.2	111.0	72.7	44.8	40.8
70,0°	31.2	27.0	26.8	26.1	26.1	26.6	284.4	224.8	144.3	80.0	58.1	39.0	36.7
72,5°	24.4	22.5	22.5	20.4	21.1	21.5	265.5	198.7	107.9	53.5	43.1	34.7	32.8
75,0°	18.8	17.1	17.9	17.0	16.6	16.3	204.9	133.2	50.6	34.4	32.4	29.0	26.8
77,5°	14.7	13.5	12.8	12.5	12.8	12.8	119.2	54.2	11.6	23.6	21.2	18.0	18.4
80,0°	10.6	10.1	9.1	8.6	8.6	8.1	33.5	11.1	7.6	13.9	11.9	10.5	10.2
82,5°	7.3	6.2	6.1	5.6	4.9	5.4	5.5	2.7	2.8	3.8	4.3	3.5	2.3
85,0°	3.5	3.6	2.8	2.5	2.0	2.1	1.1	1.0	0.9	0.9	0.8	0.7	0.4
87,5°	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 mini easy LED</b>	<b>Bestell-Nr.: 5XE6C33A08JB</b> <b>EAN: 4058352730447</b>	<b>LP-Nummer</b> <b>59082_72</b>
---	---	-------------------------------------

<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°	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	0.4	0.4
2,5°	266.9	268.1	268.2	268.7	268.5	267.1	267.0	267.7	267.4	266.6	267.0	3.3	3.7
5,0°	263.6	262.9	262.0	260.1	259.5	259.0	256.6	256.8	259.2	257.8	258.3	6.5	10.1
7,5°	260.8	257.0	250.7	249.7	247.6	246.8	246.7	245.8	245.3	247.7	247.1	9.6	19.8
10,0°	252.8	249.3	247.8	246.7	248.4	244.5	243.4	240.2	241.8	240.9	240.4	12.7	32.4
12,5°	253.4	252.4	245.5	238.4	237.7	235.4	233.8	229.5	224.3	224.0	220.7	15.7	48.2
15,0°	244.8	237.8	231.9	225.9	220.6	215.3	208.8	208.3	207.9	205.7	205.7	18.5	66.7
17,5°	234.5	223.9	215.9	208.8	204.9	202.3	197.0	195.4	195.9	193.7	190.2	21.4	88.1
20,0°	225.2	218.0	205.4	199.6	193.3	189.7	186.4	179.5	178.4	175.2	173.3	24.2	112.4
22,5°	216.7	204.6	199.4	191.6	182.0	178.9	173.7	168.4	165.9	162.8	162.3	27.2	139.6
25,0°	204.9	195.2	187.0	178.8	174.1	164.7	158.3	153.2	148.3	147.1	145.5	30.2	169.8
27,5°	196.3	186.4	178.9	166.9	161.7	149.4	143.4	139.0	134.8	135.6	133.7	33.1	202.9
30,0°	190.9	177.5	163.1	156.2	146.5	137.9	134.3	127.6	124.1	121.6	122.6	35.7	238.6
32,5°	181.0	165.6	154.2	144.9	134.1	130.0	128.2	124.1	121.8	116.9	115.9	38.6	277.2
35,0°	167.7	157.4	146.1	134.8	131.4	126.8	124.8	120.5	110.3	104.9	101.4	41.3	318.5
37,5°	156.7	145.7	133.9	129.2	129.2	125.7	115.5	103.4	94.2	86.0	85.0	43.7	362.2
40,0°	146.9	134.3	126.9	126.3	125.9	115.4	98.8	88.6	77.3	72.8	71.3	45.3	407.5
42,5°	136.5	122.6	122.7	123.6	114.3	99.3	84.3	75.2	69.8	69.3	65.6	46.2	453.8
45,0°	120.9	117.7	119.9	119.0	104.2	85.2	72.0	67.4	65.3	64.5	65.6	46.5	500.3
47,5°	109.1	110.0	113.2	107.7	88.8	73.6	66.8	64.8	64.8	63.5	63.4	46.7	547.0
50,0°	97.5	101.6	105.2	92.5	74.5	65.6	61.9	61.6	59.1	61.3	61.0	46.7	593.7
52,5°	89.6	92.9	95.0	80.0	65.9	60.3	58.1	59.1	57.5	56.6	56.1	46.3	640.0
55,0°	78.3	80.4	76.2	65.5	57.9	54.0	55.5	52.2	52.9	52.4	56.0	45.7	685.7
57,5°	69.5	67.7	63.9	52.8	49.8	49.5	49.4	50.2	47.3	48.6	48.1	45.3	730.9
60,0°	61.6	59.4	53.6	47.0	46.1	44.6	45.2	44.1	43.4	43.0	43.3	44.1	775.0
62,5°	55.6	50.3	44.1	41.3	40.6	40.9	40.9	39.6	40.9	39.1	37.9	42.3	817.3
65,0°	46.5	42.0	38.0	35.8	35.8	36.1	35.5	33.9	31.7	32.0	31.7	40.2	857.5
67,5°	39.5	36.1	31.5	29.7	29.9	29.1	27.9	25.5	23.3	22.3	22.6	38.2	895.8
70,0°	34.2	29.3	27.2	25.7	24.5	22.3	19.1	14.7	12.3	10.1	9.4	34.5	930.3
72,5°	27.0	24.4	22.8	20.1	17.7	12.1	9.4	6.3	4.4	4.3	4.3	28.9	959.1
75,0°	21.4	18.1	16.5	13.1	8.9	5.4	3.9	2.7	2.0	1.9	2.4	21.1	980.3
77,5°	15.3	10.9	8.3	5.4	3.5	2.1	1.3	1.0	0.9	1.0	1.4	12.6	992.9
80,0°	7.1	3.9	2.2	1.4	0.8	0.5	0.4	0.4	0.3	0.4	0.4	5.2	998.0
82,5°	1.4	0.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	1.5	999.6
85,0°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	999.9
87,5°	0.0	0.0	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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 mini easy LED</b>	<b>Bestell-Nr.: 5XE6C33A08JB</b> <b>EAN: 4058352730447</b>	<b>LP-Nummer</b> <b>59082_72</b>
---	---	-------------------------------------

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

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	12830	87.3	90.3	88.8
95	94	12195	82.1	84.8	83.4
90	88	11543	76.8	79.3	78.0
85	82	10876	71.5	73.9	72.7
80	77	10302	67.0	69.3	68.2
75	71	9595	61.9	63.9	62.9
70	66	9000	57.5	59.4	58.4
65	61	8396	53.4	55.0	54.2
60	55	7655	48.2	49.7	49.0
55	50	7025	44.0	45.3	44.6
50	45	6380	39.8	41.0	40.4
45	40	5724	35.7	36.7	36.2
40	36	5190	32.2	33.2	32.7
35	31	4514	28.1	28.9	28.5
30	26	3826	24.0	24.7	24.4
25	22	3267	20.7	21.3	21.0
20	17	2560	16.6	17.0	16.8
15	13	1987	13.3	13.7	13.5
10	8	1258	9.0	9.3	9.2

<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 5°C
---------------------------	--------------------------

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	13250	88.3	91.4	89.8
95	94	12573	83.0	85.8	84.4
90	88	11882	77.7	80.2	79.0
85	83	11296	73.2	75.7	74.4
80	77	10573	67.9	70.2	69.1
75	72	9959	63.6	65.6	64.6
70	66	9214	58.3	60.2	59.2
65	61	8584	54.1	55.7	54.9
60	56	7944	49.8	51.3	50.6
55	51	7295	45.4	46.9	46.2
50	46	6632	41.2	42.4	41.8
45	41	5960	37.0	38.1	37.6
40	36	5277	32.7	33.7	33.2
35	31	4584	28.5	29.3	28.9
30	27	4023	25.2	26.0	25.6
25	22	3312	21.0	21.6	21.3
20	17	2593	16.9	17.3	17.1
15	13	2011	13.5	13.9	13.7
10	8	1272	9.1	9.4	9.2

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 mini easy LED</b>	<b>Bestell-Nr.: 5XE6C33A08JB</b> <b>EAN: 4058352730447</b>	<b>LP-Nummer</b> <b>59082_72</b>
---	---	-------------------------------------

<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 15°C	<b>sITeco</b>
---------------------------	---------------------------	---------------

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	13060	87.8	90.8	89.3
95	94	12403	82.5	85.2	83.8
90	88	11730	77.2	79.7	78.4
85	83	11157	72.7	75.2	74.0
80	77	10452	67.5	69.8	68.6
75	72	9850	63.2	65.2	64.2
70	66	9120	57.9	59.8	58.8
65	61	8502	53.7	55.4	54.6
60	56	7871	49.4	50.9	50.2
55	51	7233	45.1	46.6	45.8
50	46	6579	40.9	42.2	41.6
45	41	5915	36.7	37.8	37.2
40	36	5240	32.5	33.5	33.0
35	31	4555	28.3	29.1	28.7
30	26	3859	24.2	24.9	24.5
25	22	3294	20.8	21.5	21.2
20	17	2580	16.7	17.1	16.9
15	13	2001	13.4	13.8	13.6
10	8	1267	9.1	9.3	9.2

## Lichttechnischer Prüfbefund

Familie

Streetlight 21 mini easy LED

Bestell-Nr.: 5XE6C33A08JB

EAN: 4058352730447

LP-Nummer

59082\_72

### Lichtstrom-Tabelle

SITECO

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	12830.0	87.3
5.0	13250.0	88.3
15.0	13060.0	87.8