

Lichttechnischer Prüfbefund

Familie
Streetlight 21 mini easy LED

Bestell-Nr.: 5XE6D43A08JB
EAN: 4058352730522

LP-Nummer
59078_73



Ausführung Mastansatz- / Mastaufsatzmontage
Optik asymmetrisch, breit strahlend (ST1.0a G)
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG DIM
Bemessungswerte Nettolichtstrom = 13390 lm
Systemleistung = 87.3 W
Lichtausbeute = 153.4 lm/W

Seriendokumentation
23.08.2022

siteco

Lichtstärke in cd/klm

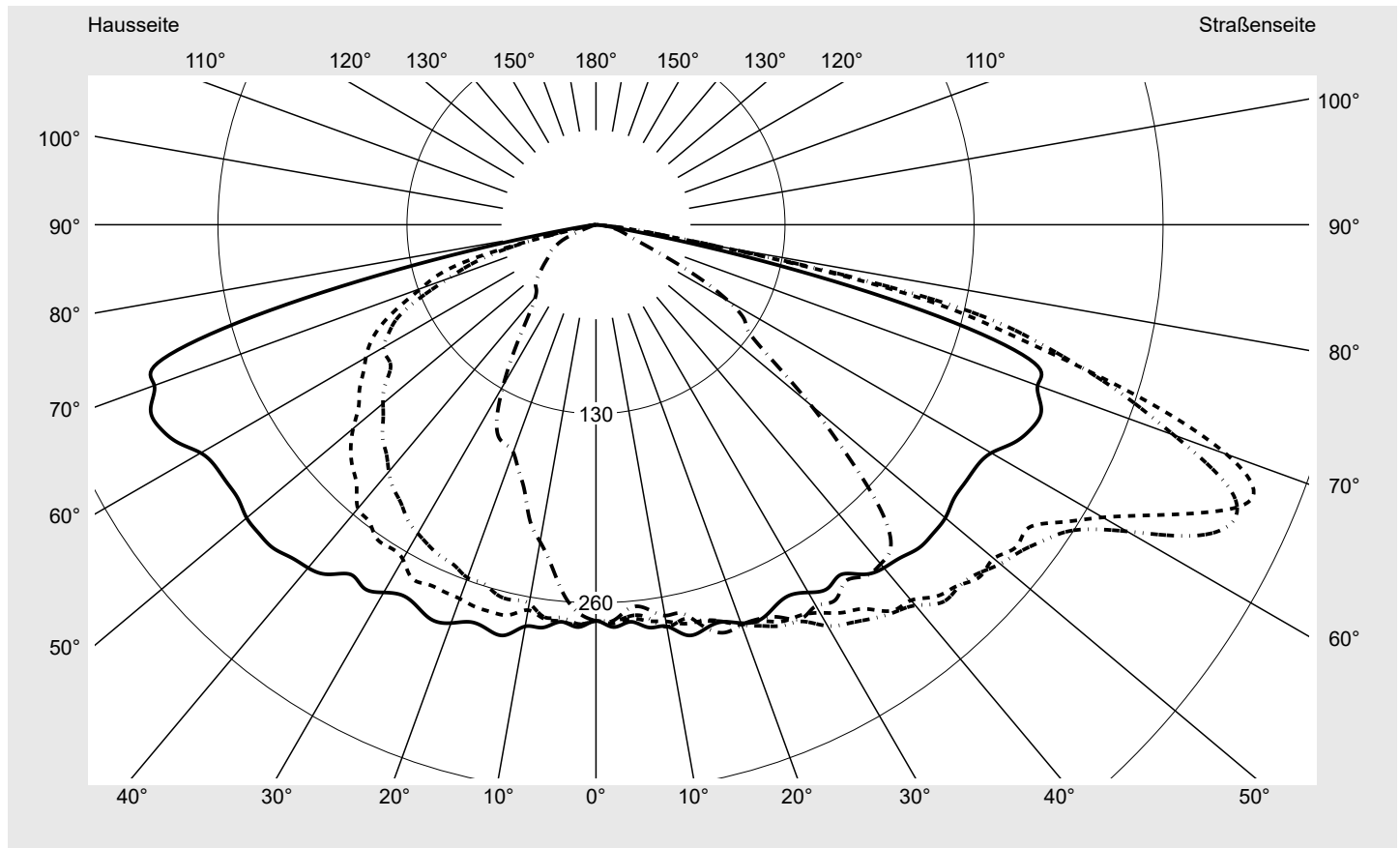
C180-0

C195-15

C200-20

C270-90

Imax: 489 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G4
Imax 70°	461.5
Imax 80°	96.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

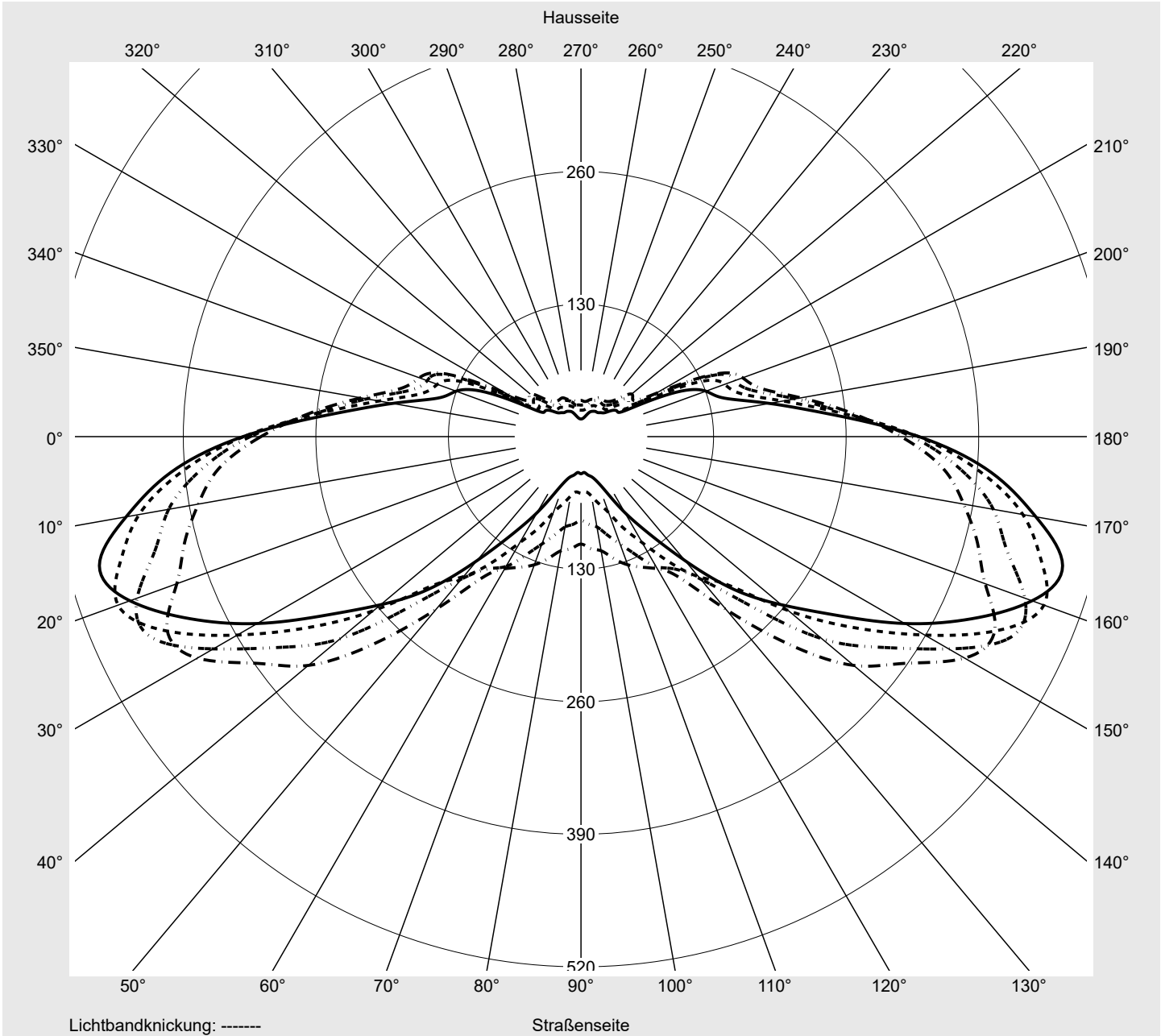
Messbedingungen

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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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°	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5
2,5°	277.0	276.4	275.2	274.5	273.0	273.7	272.9	273.0	271.2	271.2	271.1	271.2	271.4
5,0°	274.1	274.0	274.4	271.9	270.1	269.9	268.3	270.2	270.2	270.8	270.6	270.2	268.6
7,5°	279.4	277.3	274.8	274.9	272.6	273.0	273.3	271.7	269.4	269.4	269.0	268.1	269.4
10,0°	280.5	276.6	274.8	277.0	280.8	278.6	272.2	269.6	269.1	273.3	273.9	275.3	275.6
12,5°	289.2	286.8	282.7	281.0	277.9	277.4	280.6	282.2	279.8	279.6	278.5	279.4	279.1
15,0°	288.1	289.0	288.6	282.0	281.9	284.6	284.1	287.9	291.2	290.4	290.4	287.4	286.6
17,5°	286.5	287.8	285.5	285.9	286.0	290.2	291.3	295.8	292.3	291.9	293.7	291.6	289.1
20,0°	291.5	292.4	288.6	292.7	293.0	298.5	297.4	298.5	297.9	297.2	297.4	296.1	295.5
22,5°	294.2	287.4	289.6	295.1	298.6	301.7	301.5	304.4	301.6	303.0	304.1	302.2	302.9
25,0°	290.1	291.1	297.6	301.1	304.1	306.9	304.1	310.9	311.8	314.8	310.7	306.6	305.0
27,5°	287.5	292.3	300.5	303.1	307.5	314.6	310.4	317.0	314.8	313.0	306.9	305.5	309.4
30,0°	292.0	294.2	306.8	308.2	318.6	321.3	321.7	325.9	317.9	312.7	313.6	314.2	314.2
32,5°	296.6	303.4	310.5	316.2	324.8	328.0	325.1	324.3	321.7	320.6	319.3	318.8	318.9
35,0°	293.7	307.9	314.0	322.5	330.7	330.2	333.2	331.9	324.2	323.3	323.9	327.2	329.1
37,5°	303.1	313.9	324.1	334.6	336.2	339.9	336.6	332.6	330.2	336.0	331.7	335.5	336.0
40,0°	308.1	323.2	333.3	337.1	341.8	344.1	345.3	335.2	345.8	340.1	337.1	341.4	336.8
42,5°	310.4	331.9	338.8	346.6	352.2	343.4	360.7	346.8	357.8	348.2	345.1	344.2	337.4
45,0°	314.3	336.1	345.1	351.3	352.5	350.5	355.5	355.4	363.9	365.9	352.7	349.6	341.3
47,5°	314.4	339.7	350.1	358.2	355.5	358.5	354.9	364.8	369.6	371.3	360.1	351.7	330.9
50,0°	313.6	338.4	355.7	357.1	362.9	365.7	359.9	376.6	390.1	379.0	360.1	337.0	305.4
52,5°	310.1	339.8	351.2	364.1	368.6	376.4	380.3	400.7	411.0	378.8	346.4	308.8	268.0
55,0°	309.7	336.3	357.1	363.3	377.6	395.3	407.2	415.4	395.9	359.4	318.0	267.3	223.8
57,5°	310.0	338.2	361.6	380.5	390.8	408.7	436.4	415.4	373.0	331.3	278.8	218.4	176.1
60,0°	313.9	356.4	381.1	402.5	421.8	447.8	434.4	387.7	349.1	287.7	221.2	169.0	149.6
62,5°	324.3	374.3	410.6	432.6	463.2	465.3	416.3	360.4	308.4	234.2	182.3	158.2	147.0
65,0°	330.8	392.8	440.0	467.1	483.1	450.2	389.2	326.5	265.4	207.0	179.3	149.5	120.1
67,5°	331.5	403.9	453.0	489.0	470.7	422.7	366.6	305.3	256.5	211.8	158.8	115.9	86.0
70,0°	323.2	394.9	447.7	461.5	422.9	385.2	351.0	344.3	283.9	188.9	118.3	74.2	48.5
72,5°	316.1	359.3	401.7	388.4	373.1	363.3	394.6	409.8	286.0	144.6	69.3	39.5	28.1
75,0°	244.1	257.5	289.2	299.7	316.8	366.8	438.0	374.9	196.5	72.3	32.2	23.3	21.1
77,5°	127.1	147.2	181.9	217.4	238.2	288.7	316.5	219.1	70.5	28.0	20.6	17.9	17.0
80,0°	33.5	53.0	71.3	80.0	84.1	96.1	90.3	66.5	20.1	17.3	16.8	12.6	12.6
82,5°	6.2	9.7	17.5	24.9	29.9	37.4	35.4	17.1	10.8	10.9	11.3	8.2	8.1
85,0°	1.2	1.4	2.0	2.7	3.3	4.8	5.6	4.1	4.1	4.6	5.2	4.0	3.9
87,5°	0.3	0.4	0.5	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.5	1.2	1.2
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	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°	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5
2,5°	271.5	272.2	271.7	270.4	271.3	272.5	277.7	275.7	275.6	274.8	274.5	271.8	269.8
5,0°	268.1	267.6	267.2	266.5	266.4	264.7	276.0	275.8	273.8	271.3	270.7	265.9	261.6
7,5°	270.3	271.6	268.7	269.2	266.8	266.3	278.8	275.9	273.3	272.2	266.5	262.4	258.5
10,0°	279.4	277.9	273.7	272.9	271.2	273.0	280.7	276.5	269.2	264.4	259.9	255.3	249.5
12,5°	278.6	280.8	279.4	279.3	278.5	273.8	288.2	284.0	274.9	264.3	256.9	253.0	246.5
15,0°	285.1	284.0	283.9	287.7	288.0	286.1	289.0	286.8	275.9	263.3	253.3	246.3	239.9
17,5°	290.0	288.1	290.0	288.8	291.7	294.1	287.2	284.3	275.6	258.5	253.6	241.8	228.9
20,0°	293.4	292.3	296.4	290.0	290.0	292.8	293.7	285.3	273.7	258.3	246.8	237.9	222.9
22,5°	298.9	295.2	298.5	293.0	293.5	293.4	291.1	289.6	273.2	253.8	240.0	225.4	215.1
25,0°	303.5	300.9	298.5	297.3	296.1	297.7	289.2	283.4	273.0	251.9	234.0	219.6	206.1
27,5°	304.9	305.2	302.5	301.1	299.3	305.5	291.3	285.0	274.1	248.8	231.4	212.9	194.9
30,0°	312.7	305.3	305.5	302.9	307.6	302.7	288.7	284.3	265.7	245.1	225.0	207.3	188.4
32,5°	319.2	313.3	310.5	312.2	306.2	306.2	283.1	279.6	263.4	240.9	219.4	196.1	184.6
35,0°	323.5	319.3	312.4	309.8	305.1	299.3	286.6	274.8	263.2	233.8	209.8	191.2	183.1
37,5°	329.9	320.0	318.1	311.8	303.1	304.5	285.3	273.8	256.8	228.8	203.4	183.6	178.0
40,0°	326.8	319.2	316.0	314.5	307.7	304.6	283.4	268.2	254.7	221.7	195.2	181.8	177.4
42,5°	328.9	324.7	313.0	313.8	302.9	300.2	281.7	262.2	243.7	213.5	188.7	181.1	170.7
45,0°	329.9	314.5	297.4	287.6	275.9	276.6	282.8	256.2	236.6	207.6	182.1	178.0	160.5
47,5°	308.8	280.5	261.8	246.2	234.1	234.1	281.8	246.6	228.8	198.6	177.3	171.6	143.5
50,0°	269.9	239.9	221.1	206.5	191.4	192.8	272.7	241.8	218.0	191.2	173.4	161.4	125.2
52,5°	227.6	201.2	180.4	164.6	155.8	152.3	269.6	232.4	205.8	183.3	167.5	141.2	105.0
55,0°	184.5	161.5	142.3	135.6	131.5	128.0	268.2	229.8	198.7	172.6	162.6	121.1	89.1
57,5°	150.6	141.1	134.8	129.7	120.0	120.9	267.6	224.3	189.9	170.2	151.9	105.1	75.3
60,0°	141.3	133.7	123.7	113.7	110.2	105.4	266.2	219.0	182.8	168.7	145.2	84.3	62.4
62,5°	128.2	112.1	99.9	90.0	86.2	82.4	261.4	213.3	174.7	160.5	141.7	72.1	56.8
65,0°	99.2	79.4	68.2	59.3	54.4	55.5	258.5	201.1	162.6	150.0	126.5	62.8	50.1
67,5°	61.3	47.3	40.9	38.1	35.3	36.4	247.6	187.6	145.7	130.3	103.1	53.3	43.3
70,0°	35.3	31.8	30.3	27.9	27.8	26.8	240.7	174.2	128.1	108.1	85.0	47.0	35.7
72,5°	25.9	25.3	24.5	22.6	23.1	21.7	230.1	158.9	112.6	89.8	64.6	36.7	31.7
75,0°	20.7	20.5	19.8	18.7	18.3	18.0	194.3	130.2	78.9	63.6	43.0	28.7	26.2
77,5°	16.6	16.2	15.3	14.6	14.3	14.6	118.7	58.0	20.8	29.3	25.7	17.5	17.8
80,0°	11.9	12.1	11.0	10.7	10.4	10.4	32.3	9.7	6.1	12.2	12.9	9.1	9.1
82,5°	8.0	7.6	7.6	7.4	6.9	6.2	5.0	2.7	2.9	3.9	4.1	3.0	1.6
85,0°	3.7	4.1	4.1	3.7	3.3	3.0	1.2	1.0	1.0	0.7	0.6	0.5	0.2
87,5°	1.1	1.3	1.2	1.1	1.0	1.0	0.3	0.2	0.2	0.2	0.1	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

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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°	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	272.5	0.4	0.4
2,5°	268.5	268.9	268.2	267.9	268.1	267.2	267.4	267.3	267.8	267.2	267.4	3.2	3.7
5,0°	258.3	254.5	252.2	250.1	250.6	249.2	250.4	252.1	254.6	253.9	255.1	6.3	10.0
7,5°	253.2	249.6	246.9	243.4	241.8	240.1	238.5	238.0	237.2	236.5	235.9	9.4	19.4
10,0°	246.6	241.3	236.8	232.4	231.2	227.8	225.6	222.2	220.8	221.0	221.4	12.4	31.8
12,5°	242.7	233.6	227.3	222.1	217.3	215.3	212.9	212.5	209.4	207.8	209.0	15.4	47.2
15,0°	233.0	224.6	215.3	210.9	206.2	200.4	196.3	196.0	195.2	190.0	189.7	18.4	65.6
17,5°	223.4	215.6	205.0	198.1	192.0	188.0	182.3	180.3	179.7	177.1	177.0	21.1	86.7
20,0°	214.7	202.7	194.1	186.2	181.6	179.9	175.0	171.4	172.3	169.2	166.4	23.9	110.6
22,5°	204.1	193.6	184.4	178.0	171.6	170.7	170.7	168.1	164.5	164.2	163.2	26.7	137.3
25,0°	189.5	182.2	178.9	173.9	167.7	164.7	164.2	162.4	163.3	162.0	159.6	29.4	166.7
27,5°	186.1	181.6	171.6	167.3	164.1	158.7	157.7	154.0	150.5	149.0	147.0	32.0	198.7
30,0°	181.3	178.3	168.4	164.0	159.7	154.5	144.9	141.4	133.3	128.4	127.6	34.5	233.3
32,5°	177.7	168.8	163.3	159.4	151.2	146.4	135.1	123.5	114.9	107.7	107.0	36.9	270.1
35,0°	178.3	165.2	156.5	148.1	142.4	131.6	119.3	106.1	96.7	90.9	87.8	39.0	309.1
37,5°	171.2	159.1	148.6	141.6	129.9	113.6	100.4	89.5	80.3	75.0	73.4	41.2	350.3
40,0°	161.1	148.6	139.0	131.3	114.8	96.2	81.8	73.1	68.4	65.6	64.8	43.1	393.4
42,5°	151.2	140.3	126.0	117.4	100.5	81.3	70.4	66.6	62.3	61.2	60.6	45.0	438.4
45,0°	137.4	125.8	116.7	102.3	84.9	69.6	62.1	58.5	57.5	58.4	58.8	46.2	484.6
47,5°	122.6	111.6	104.9	87.4	70.5	62.3	56.9	55.3	55.3	54.1	55.2	46.5	531.1
50,0°	105.9	101.5	94.5	74.3	62.2	56.1	53.6	51.7	51.0	50.8	49.9	46.3	577.4
52,5°	92.1	89.6	74.0	62.8	54.7	52.6	50.1	48.1	46.4	46.3	45.2	45.6	623.0
55,0°	80.1	75.2	59.7	53.1	49.2	47.3	46.2	43.5	42.4	41.7	40.8	44.6	667.6
57,5°	72.2	65.6	52.2	46.3	45.2	44.5	42.2	40.0	38.3	37.8	37.8	43.9	711.6
60,0°	64.9	53.5	45.3	42.3	42.0	42.0	39.0	37.8	35.5	34.7	35.5	43.4	755.0
62,5°	58.2	46.5	40.2	38.0	38.7	38.9	37.6	35.3	31.6	31.2	30.9	42.7	797.7
65,0°	48.5	38.6	35.4	35.0	33.2	33.2	32.2	30.1	27.6	26.1	25.9	41.1	838.8
67,5°	40.0	33.3	30.7	28.8	28.4	27.4	25.8	22.4	19.4	17.8	17.3	38.7	877.5
70,0°	33.9	28.1	26.6	25.0	23.5	19.0	16.2	11.9	9.1	7.5	6.5	36.0	913.6
72,5°	26.8	22.8	22.0	19.8	14.7	10.1	6.8	4.3	3.5	3.1	3.2	33.2	946.7
75,0°	21.1	16.5	14.5	11.7	7.0	3.9	2.7	1.7	1.5	1.6	1.9	27.1	973.8
77,5°	13.6	9.9	6.4	3.8	2.2	1.3	1.2	0.7	0.6	0.8	1.1	17.1	991.0
80,0°	5.6	2.8	1.3	0.3	0.4	0.2	0.2	0.3	0.2	0.3	0.5	6.1	997.1
82,5°	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	2.2	999.3
85,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	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

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Familie Streetlight 21 mini easy LED	Bestell-Nr.: 5XE6D43A08JB EAN: 4058352730522	LP-Nummer 59078_73
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	13390	87.3	90.3	88.8
95	94	12725	82.1	84.8	83.4
90	88	12042	76.8	79.3	78.0
85	82	11343	71.5	73.9	72.7
80	77	10743	67.0	69.3	68.2
75	71	10004	61.9	63.9	62.9
70	66	9382	57.6	59.4	58.5
65	61	8750	53.4	55.0	54.2
60	55	7975	48.2	49.7	49.0
55	50	7317	44.0	45.3	44.6
50	45	6644	39.8	41.0	40.4
45	40	5959	35.7	36.7	36.2
40	36	5402	32.2	33.2	32.7
35	31	4697	28.1	28.9	28.5
30	26	3980	24.0	24.7	24.4
25	22	3398	20.7	21.3	21.0
20	17	2662	16.6	17.0	16.8
15	13	2065	13.3	13.7	13.5
10	8	1307	9.0	9.3	9.2

Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	13810	88.4	91.4	89.9
95	94	13103	83.0	85.8	84.4
90	88	12382	77.7	80.2	79.0
85	83	11769	73.2	75.7	74.4
80	77	11016	67.9	70.2	69.1
75	72	10375	63.6	65.6	64.6
70	67	9730	59.2	61.1	60.2
65	61	8940	54.1	55.8	55.0
60	56	8272	49.8	51.3	50.6
55	51	7595	45.5	46.9	46.2
50	46	6903	41.2	42.5	41.8
45	41	6202	37.0	38.1	37.6
40	36	5490	32.7	33.7	33.2
35	31	4769	28.5	29.3	28.9
30	27	4184	25.2	26.0	25.6
25	22	3444	21.0	21.6	21.3
20	17	2696	16.9	17.3	17.1
15	13	2090	13.5	13.9	13.7
10	8	1322	9.1	9.4	9.2

Lichttechnischer Prüfbefund

Familie Streetlight 21 mini easy LED	Bestell-Nr.: 5XE6D43A08JB EAN: 4058352730522	LP-Nummer 59078_73
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Dimmstufen-Tabelle	Umgebungstemperatur: 15°C	sITeco
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Lichtstrom [%]	Output EVG [%]	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	100	13620	87.8	90.8	89.3
95	94	12932	82.5	85.3	83.9
90	88	12229	77.2	79.7	78.4
85	83	11631	72.7	75.2	74.0
80	77	10894	67.5	69.8	68.6
75	72	10265	63.2	65.2	64.2
70	66	9502	57.9	59.8	58.8
65	61	8857	53.7	55.4	54.6
60	56	8199	49.4	51.0	50.2
55	51	7532	45.1	46.6	45.8
50	46	6849	40.9	42.2	41.6
45	41	6157	36.7	37.8	37.2
40	36	5453	32.5	33.5	33.0
35	31	4739	28.3	29.1	28.7
31	27	4159	25.0	25.8	25.4
25	22	3425	20.8	21.5	21.2
20	17	2682	16.7	17.2	17.0
15	13	2080	13.4	13.8	13.6
10	8	1316	9.1	9.3	9.2

Lichttechnischer Prüfbefund

Familie
Streetlight 21 mini easy LED

Bestell-Nr.: 5XE6D43A08JB
EAN: 4058352730522

LP-Nummer
59078_73

Lichtstrom-Tabelle

sITeco

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	13390.0	87.3
5.0	13810.0	88.4
15.0	13620.0	87.8