

Lichttechnischer Prüfbefund

Familie
Streetlight 21 midi LED

Bestell-Nr.: 5XE3C63T08NB
EAN: 4058352727799

LP-Nummer
59082_115



Ausführung Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten
Optik asymmetrisch, breit strahlend (ST0.8a G)
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 2700 K | CRI ≥ 70
Betriebsgerät EVG-Smart Interface
Bemessungswerte Nettolichtstrom = 20350 lm
Systemleistung = 151.2 W
Lichtausbeute = 134.6 lm/W

Seriendokumentation
23.08.2022

siteco

Lichtstärke in cd/klm

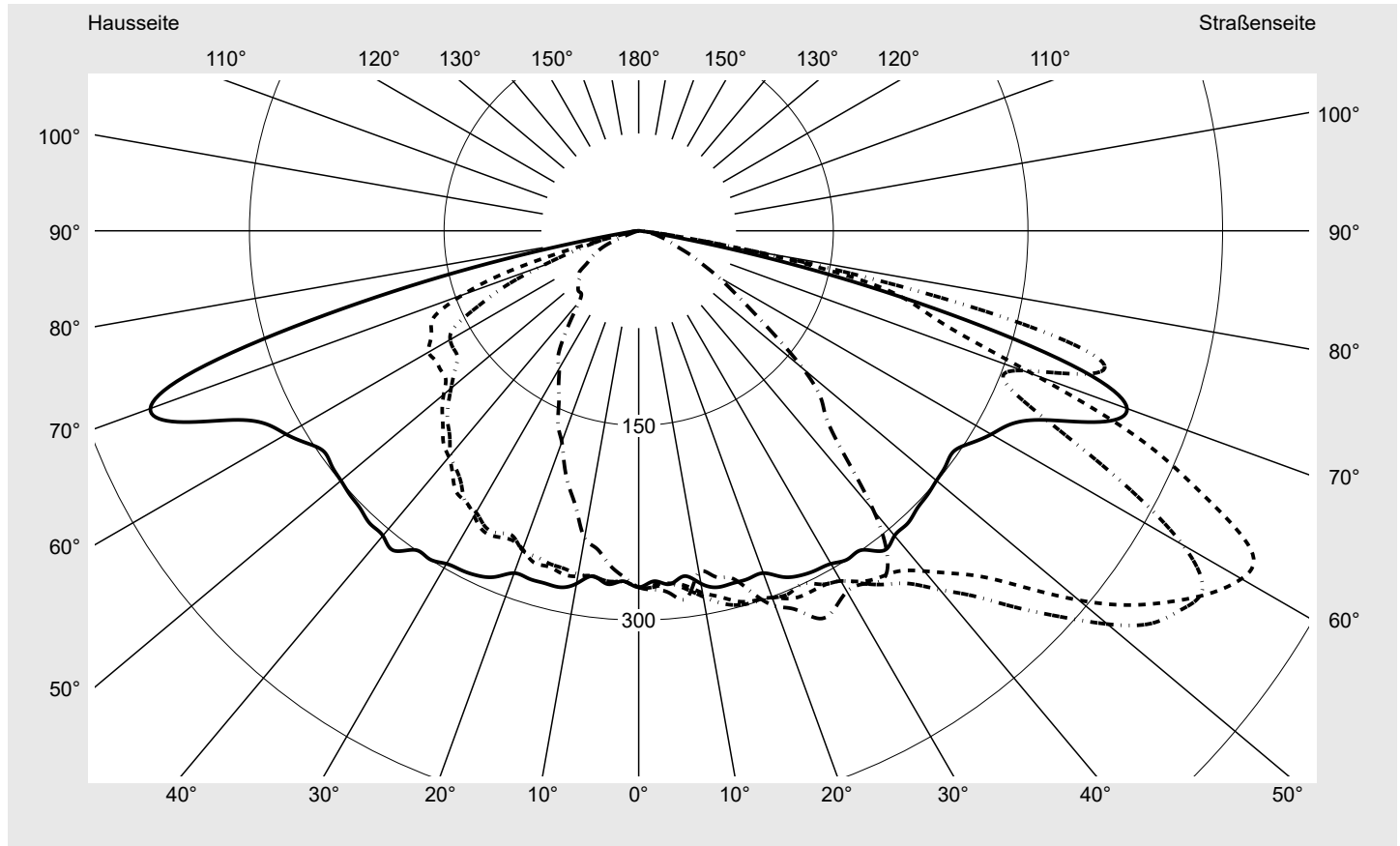
C180-0

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

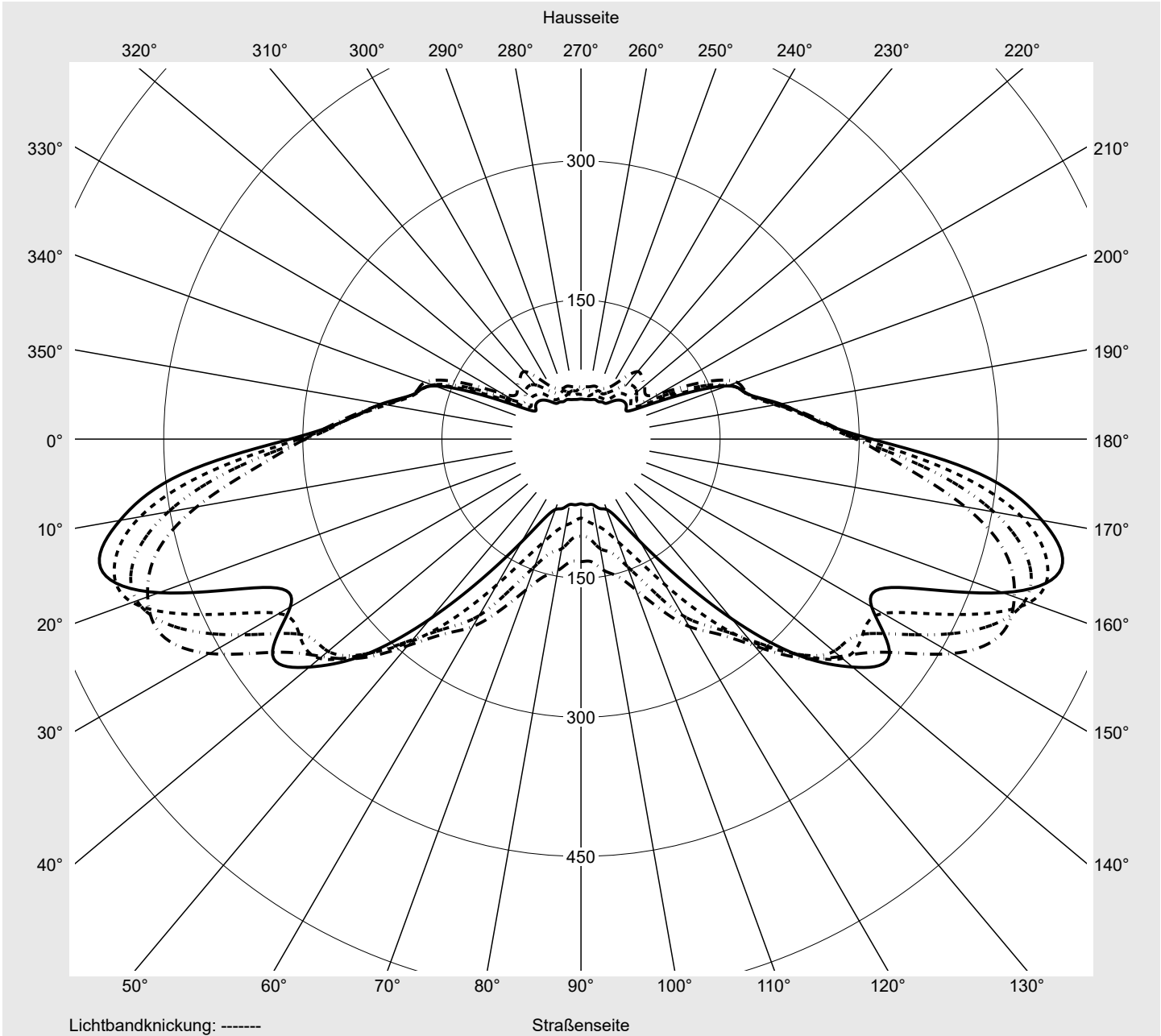
Messbedingungen

DIN EN 13032 und DIN 5032

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



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Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3C63T08NB EAN: 4058352727799	LP-Nummer 59082_115
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°	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

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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°	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

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Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3C63T08NB EAN: 4058352727799	LP-Nummer 59082_115
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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

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Dimmstufen-Tabelle		siteco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	20350	151.2	156.8	154.0
95	239	252	19359	142.3	147.4	144.9
90	224	249	18337	133.3	138.2	135.8
85	209	247	17293	124.5	128.9	126.7
80	195	244	16289	116.2	120.3	118.2
75	181	242	15260	107.9	111.7	109.8
70	167	239	14213	99.8	103.2	101.5
65	154	236	13227	92.2	95.5	93.8
60	141	232	12219	84.7	87.6	86.2
55	128	229	11196	77.3	79.9	78.6
50	115	225	10152	69.9	72.1	71.0
45	103	221	9173	63.0	65.1	64.0
40	91	216	8175	56.1	58.0	57.0
35	79	211	7165	49.3	50.9	50.1
30	67	205	6139	42.5	43.9	43.2
25	55	198	5094	35.7	36.8	36.2
20	43	189	4038	29.0	29.9	29.4
15	32	178	3055	22.8	23.4	23.1
12	25	169	2424	19.0	19.5	19.2

Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	21020	153.0	158.7	155.8
95	239	252	19964	144.0	149.2	146.6
90	225	250	18952	135.6	140.5	138.0
85	210	247	17852	126.6	131.1	128.8
80	196	245	16800	118.3	122.5	120.4
75	183	242	15801	110.6	114.5	112.6
70	169	239	14713	102.3	105.8	104.0
65	156	236	13689	94.6	98.0	96.3
60	143	233	12646	87.0	90.1	88.6
55	130	229	11590	79.6	82.2	80.9
50	117	226	10515	72.0	74.4	73.2
45	104	221	9425	64.4	66.7	65.6
40	92	217	8402	57.6	59.4	58.5
35	80	212	7369	50.6	52.2	51.4
30	68	206	6322	43.7	45.1	44.4
25	56	199	5257	36.8	38.0	37.4
20	44	190	4184	30.0	30.9	30.4
15	33	179	3185	23.7	24.4	24.0
12	25	169	2453	19.3	19.8	19.6

Lichttechnischer Prüfbefund

Familie Streetlight 21 midi LED	Bestell-Nr.: 5XE3C63T08NB EAN: 4058352727799	LP-Nummer 59082_115
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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	20710	152.1	157.7	154.9
95	239	252	19685	143.1	148.3	145.7
90	224	249	18630	134.1	139.0	136.6
85	210	247	17627	125.8	130.3	128.0
80	196	245	16599	117.5	121.7	119.6
75	182	242	15546	109.2	113.1	111.2
70	168	239	14477	101.0	104.5	102.8
65	155	236	13470	93.4	96.7	95.1
60	142	233	12444	85.8	88.8	87.3
55	129	229	11403	78.4	81.1	79.8
50	116	225	10343	70.9	73.3	72.1
45	104	221	9350	64.0	66.2	65.1
40	91	216	8254	56.5	58.4	57.4
35	79	211	7230	49.6	51.3	50.4
30	67	205	6191	42.8	44.2	43.5
25	55	198	5136	36.0	37.1	36.6
20	44	190	4159	29.8	30.6	30.2
15	32	178	3077	23.0	23.6	23.3
12	25	169	2441	19.1	19.7	19.4

office

industry

traffic

retail

public

sports

Lichttechnischer Prüfbefund

Familie
Streetlight 21 midi LED

Bestell-Nr.: 5XE3C63T08NB
EAN: 4058352727799

LP-Nummer
59082_115

Lichtstrom-Tabelle

sITeco

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	20350.0	151.2
5.0	21020.0	153.0
15.0	20710.0	152.1