

Lichttechnischer Prüfbefund

Familie
Streetlight 21 mini easy LED

Bestell-Nr.: 5XE6D37N08GB
EAN: 4058352897492

LP-Nummer
59076_1203



Ausführung Mastansatz- / Mastaufsatzmontage, NEMA 7 pin (DALI)
Optik direkt, asymmetrisch breit strahlend S100003
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG-DALI Plus
Bemessungswerte Nettolichtstrom = 5940 lm
 Systemleistung = 40.4 W
 Lichtausbeute = 147 lm/W

Seriendokumentation
16.06.2023

siteco

Lichtstärke in cd/klm

C180-0

C205-25

C210-30

C270-90

Imax: 758 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G3
 Imax 70° 757.8
 Imax 80° 95.1
 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 70° KMK 67,5° KMK 65° KMK 62,5° **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°	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2
2,5°	237.2	240.2	243.6	247.1	250.1	253.3	251.5	253.0	253.9	252.9	249.2	247.7	247.6
5,0°	244.6	247.2	246.5	245.5	245.0	244.3	240.5	238.5	236.3	236.3	235.1	233.7	233.4
7,5°	239.7	245.1	248.3	244.6	238.3	235.0	234.8	231.4	230.3	234.8	234.3	239.5	238.7
10,0°	240.7	249.2	251.4	243.9	239.9	238.9	238.4	242.1	240.6	240.8	243.3	249.6	251.2
12,5°	258.0	251.3	242.2	234.8	236.0	241.7	247.8	251.1	250.2	252.7	253.4	256.8	257.4
15,0°	262.2	249.0	244.4	246.5	247.0	249.2	257.5	261.4	264.2	266.4	265.5	261.6	261.2
17,5°	258.3	251.3	248.4	253.2	259.5	262.9	266.6	264.1	266.6	271.6	270.9	268.4	275.4
20,0°	251.9	249.8	249.6	255.8	262.8	269.8	275.4	276.2	274.3	273.3	279.4	281.1	281.7
22,5°	250.2	252.4	255.0	266.6	270.7	266.2	278.1	280.2	283.2	284.7	277.3	280.4	284.0
25,0°	258.8	258.1	263.4	267.5	275.0	285.0	283.0	287.9	292.3	291.9	288.1	291.2	291.4
27,5°	258.1	259.3	264.2	271.8	275.5	283.2	282.1	292.3	297.8	295.7	295.0	295.6	295.2
30,0°	261.0	264.7	278.4	274.8	287.8	295.8	295.6	301.4	307.5	307.5	302.4	301.2	298.5
32,5°	259.5	271.5	275.0	285.5	290.4	303.8	296.9	312.8	318.7	323.5	314.1	299.9	297.4
35,0°	270.2	277.9	282.4	285.4	294.7	301.1	315.2	320.4	320.7	320.8	310.6	315.9	307.3
37,5°	280.1	288.9	291.9	300.1	302.5	320.5	327.1	330.1	327.2	324.3	312.1	312.9	322.0
40,0°	288.0	294.9	294.8	301.0	311.0	326.6	348.4	339.0	340.9	323.5	314.9	336.9	331.0
42,5°	296.1	297.5	298.1	316.3	327.4	334.0	350.7	340.8	336.4	326.9	332.4	337.9	345.0
45,0°	293.4	307.2	308.2	316.1	329.3	345.7	356.8	343.0	340.7	351.3	353.6	361.0	358.7
47,5°	300.6	307.3	314.8	328.8	344.9	352.0	355.2	354.7	351.0	370.6	372.7	358.6	351.6
50,0°	303.5	304.1	310.6	329.1	357.1	366.7	357.0	357.9	374.0	384.7	373.8	352.0	342.3
52,5°	313.1	308.3	311.4	326.1	362.1	373.6	363.6	377.1	396.3	399.9	374.1	343.5	326.4
55,0°	307.1	316.8	324.7	337.2	363.3	390.4	392.0	402.7	402.8	386.8	366.3	344.1	310.0
57,5°	313.1	325.8	337.5	353.8	370.6	400.3	415.2	426.0	418.2	382.6	371.0	318.2	258.7
60,0°	320.0	336.4	356.7	382.3	399.2	434.6	444.2	455.3	436.4	397.2	321.8	253.6	192.9
62,5°	306.5	339.5	378.1	425.8	457.4	476.0	511.2	489.6	447.5	347.0	255.1	175.8	103.5
65,0°	299.6	340.0	408.3	483.0	540.4	580.6	589.8	543.1	386.3	266.9	165.4	84.9	43.0
67,5°	285.8	348.9	439.6	545.0	615.1	681.0	669.3	499.2	304.3	169.4	77.8	34.0	31.0
70,0°	263.6	344.2	467.8	600.6	683.4	757.8	601.6	373.8	175.0	76.2	32.7	27.1	25.4
72,5°	260.2	352.1	495.4	595.6	690.0	674.7	438.4	194.3	80.1	34.9	24.8	22.8	22.3
75,0°	251.4	355.3	453.9	502.5	563.4	449.7	222.3	65.9	33.6	23.0	18.2	18.2	18.1
77,5°	197.9	250.8	269.9	280.6	272.8	192.3	58.2	20.2	16.5	16.7	17.0	14.7	13.0
80,0°	95.1	86.3	83.1	87.4	87.1	61.8	14.5	10.9	9.9	10.1	14.8	9.2	8.4
82,5°	19.9	14.9	10.6	15.6	24.6	15.4	6.7	8.0	5.4	4.5	5.7	4.8	5.3
85,0°	1.2	1.1	1.6	1.3	1.6	1.7	1.9	2.0	2.1	1.8	1.8	1.6	1.8
87,5°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.5	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°	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2
2,5°	246.5	245.6	245.8	243.2	241.6	241.0	237.5	234.9	231.4	229.7	229.1	229.7	228.7
5,0°	231.5	228.9	230.8	232.5	234.2	232.7	235.6	233.9	229.2	227.3	227.0	226.3	224.2
7,5°	238.9	237.7	239.2	239.1	238.8	243.3	233.9	231.9	226.6	222.4	224.0	223.5	219.5
10,0°	251.1	250.4	247.0	246.6	242.9	244.2	232.6	230.0	230.1	225.8	221.6	221.1	218.9
12,5°	255.3	254.8	254.6	255.0	256.4	256.8	251.6	236.9	233.3	228.9	228.6	223.7	220.7
15,0°	261.0	263.4	264.6	269.2	266.7	266.5	251.8	236.5	234.4	231.8	232.1	226.4	214.7
17,5°	273.5	269.8	271.0	269.3	274.0	278.7	254.8	236.7	230.6	229.6	223.0	220.4	211.5
20,0°	277.0	273.8	278.5	273.5	277.4	289.2	253.6	246.1	236.7	232.5	231.4	221.3	218.5
22,5°	283.3	280.0	281.4	274.0	278.9	284.1	258.2	245.1	237.3	231.5	223.1	220.1	214.1
25,0°	291.6	289.2	282.7	284.9	281.8	276.4	256.1	253.5	245.1	231.6	230.7	222.1	220.2
27,5°	291.0	297.1	284.7	284.4	283.7	294.6	253.8	262.2	247.2	243.6	233.3	225.6	220.2
30,0°	299.4	285.0	290.4	287.0	284.1	276.6	260.1	262.3	252.5	242.6	235.0	232.1	216.3
32,5°	303.1	294.9	292.6	291.3	291.6	291.4	267.1	268.3	257.6	249.2	239.9	227.8	207.5
35,0°	305.6	303.8	309.8	304.1	309.8	299.5	265.1	272.9	264.3	257.9	237.6	224.2	192.7
37,5°	327.6	321.4	316.6	327.0	311.9	314.4	267.5	273.9	266.0	253.1	240.5	209.6	171.7
40,0°	335.6	329.6	322.7	314.6	317.2	302.1	280.5	272.5	268.4	257.7	233.1	190.7	159.6
42,5°	344.1	323.1	317.5	312.8	305.5	291.3	285.6	276.8	274.2	255.0	220.5	173.7	147.1
45,0°	334.8	321.1	311.8	310.6	303.9	304.9	290.4	275.0	272.0	249.5	211.3	158.5	132.3
47,5°	329.8	320.9	301.3	306.7	283.3	299.9	289.6	280.3	276.9	239.7	185.9	140.8	119.7
50,0°	322.5	303.3	286.7	277.3	266.1	264.8	299.6	279.3	263.2	226.2	163.0	115.2	100.4
52,5°	304.5	279.5	254.9	243.3	227.8	220.6	304.6	284.5	261.5	202.5	144.2	95.6	87.7
55,0°	271.9	232.3	195.4	182.8	167.1	154.6	302.4	281.2	248.9	189.5	126.0	87.0	82.7
57,5°	205.3	164.9	136.9	107.6	100.1	94.8	295.7	276.1	229.0	169.2	112.1	76.9	69.4
60,0°	135.3	91.2	69.1	54.0	51.1	48.0	295.6	255.4	206.1	148.6	104.2	69.2	64.4
62,5°	63.8	41.6	38.3	37.4	35.9	35.9	276.8	246.4	194.9	133.5	95.3	67.9	56.0
65,0°	34.8	33.0	36.1	33.5	33.3	33.3	259.4	228.7	165.0	116.1	89.9	62.4	52.0
67,5°	28.3	30.3	30.4	29.0	28.2	27.1	237.7	204.2	142.9	89.0	74.0	56.7	44.9
70,0°	26.6	24.6	25.1	24.3	23.4	24.3	214.1	178.1	117.5	71.7	65.1	49.6	35.8
72,5°	20.9	22.8	22.1	20.1	20.0	18.5	199.3	149.2	98.9	60.6	55.2	45.6	31.0
75,0°	18.0	17.9	18.1	15.7	15.1	15.9	176.2	102.0	69.4	40.3	40.9	34.6	28.7
77,5°	14.2	13.9	12.6	12.2	11.3	11.2	100.8	18.4	18.7	26.1	24.0	21.5	20.6
80,0°	9.5	8.9	8.4	8.0	6.9	6.7	38.7	5.8	7.9	14.6	11.5	12.5	10.7
82,5°	4.7	5.0	4.6	3.8	3.5	3.5	7.8	3.4	3.6	6.4	5.1	4.4	4.3
85,0°	2.1	1.9	1.8	1.5	1.1	1.5	1.2	1.1	1.1	1.1	1.1	1.1	0.9
87,5°	0.4	0.4	0.4	0.3	0.3	0.7	0.3	0.2	0.3	0.3	0.2	0.2	0.1
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°	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	0.4	0.4
2,5°	228.8	228.3	228.5	228.0	228.0	228.7	228.7	231.0	230.4	231.6	230.0	2.9	3.2
5,0°	224.8	225.1	221.3	223.3	220.3	219.6	217.9	216.2	216.4	215.3	218.6	5.5	8.7
7,5°	220.9	217.1	216.6	214.6	211.5	209.0	207.0	206.4	212.3	211.0	212.9	8.2	16.9
10,0°	212.8	212.3	211.5	209.7	207.2	204.3	201.1	201.2	202.8	204.7	205.0	10.9	27.9
12,5°	217.1	216.0	210.6	208.5	204.9	207.1	208.1	204.9	204.6	202.9	203.9	13.9	41.8
15,0°	211.1	211.6	209.7	208.3	208.4	199.1	197.1	199.6	201.2	197.7	197.5	16.9	58.7
17,5°	211.3	207.4	206.9	203.8	201.8	202.0	195.0	187.2	191.9	191.4	187.7	19.7	78.4
20,0°	213.6	205.7	202.9	195.4	190.5	187.5	184.4	179.4	172.2	171.5	176.2	22.5	100.9
22,5°	212.9	210.7	194.4	186.3	177.3	171.4	168.7	164.9	160.5	160.6	159.6	25.0	125.9
25,0°	207.0	196.3	186.3	173.2	173.2	166.6	162.4	151.7	148.3	140.9	134.3	27.8	153.7
27,5°	205.7	183.9	171.4	164.0	160.4	151.4	145.5	135.8	126.3	118.7	117.1	30.1	183.8
30,0°	186.6	174.1	167.0	162.4	148.6	139.7	122.7	116.4	109.9	107.3	105.9	32.6	216.3
32,5°	175.3	165.5	162.0	143.4	132.8	123.0	112.7	104.0	100.1	96.4	92.3	35.0	251.3
35,0°	168.9	162.9	151.7	132.5	123.6	110.4	102.5	95.4	88.8	88.3	86.2	37.5	288.8
37,5°	154.1	150.9	143.5	124.9	111.8	100.4	94.1	85.8	82.5	77.7	79.4	40.1	328.9
40,0°	146.7	143.1	129.9	114.4	102.6	93.9	81.3	76.5	72.4	72.8	70.8	42.4	371.3
42,5°	142.1	129.9	121.4	103.1	90.1	80.9	72.5	69.7	70.3	66.8	63.1	44.2	415.5
45,0°	124.3	119.9	105.6	93.4	78.6	73.7	68.4	68.6	64.0	63.1	64.5	46.2	461.7
47,5°	112.2	105.5	95.1	80.2	69.5	67.1	63.7	61.0	61.9	62.9	58.3	47.7	509.4
50,0°	97.1	86.2	81.0	69.9	65.2	62.2	59.9	57.5	58.2	56.9	55.7	48.2	557.6
52,5°	81.4	76.9	71.9	64.5	61.2	57.0	55.7	54.0	52.9	51.0	53.4	48.5	606.2
55,0°	72.4	66.4	64.2	58.5	55.6	52.3	52.1	49.6	48.4	46.8	46.3	47.9	654.0
57,5°	63.8	60.2	56.0	51.2	50.2	51.5	48.3	47.3	44.5	43.7	41.9	46.4	700.4
60,0°	52.9	50.5	50.6	46.0	48.1	46.5	47.5	42.4	40.8	41.6	38.9	44.7	745.2
62,5°	49.0	44.0	43.6	43.5	43.0	44.9	42.5	41.4	36.9	37.8	35.1	43.7	788.8
65,0°	46.0	41.2	39.4	40.3	38.3	37.3	38.4	37.2	34.9	32.2	31.0	43.4	832.2
67,5°	36.6	34.3	35.2	34.3	34.4	34.1	34.2	31.5	29.4	25.2	25.2	42.6	874.8
70,0°	32.1	30.4	31.6	29.6	27.9	26.0	25.2	21.7	19.5	17.0	15.7	39.8	914.6
72,5°	26.7	27.4	25.8	25.7	21.0	20.1	16.5	13.8	12.3	12.4	11.0	35.2	949.9
75,0°	21.8	21.8	21.8	20.0	15.4	14.0	12.0	9.0	7.9	7.7	7.0	27.3	977.2
77,5°	15.9	14.8	13.6	12.0	9.9	8.9	7.1	5.2	3.1	2.1	2.4	15.0	992.2
80,0°	7.8	7.4	6.6	6.1	5.8	5.3	3.8	2.4	1.3	0.7	1.0	5.8	998.0
82,5°	3.2	2.6	2.4	3.5	2.9	2.3	1.6	0.9	0.4	0.3	0.2	1.7	999.6
85,0°	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.3	999.9
87,5°	0.1	0.1	0.1	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

Familie Streetlight 21 mini easy LED	Bestell-Nr.: 5XE6D37N08GB EAN: 4058352897492	LP-Nummer 59076_1203
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	5940	40.4	41.1	40.8
95	240	252	5653	38.1	38.8	38.4
90	225	250	5341	35.8	36.4	36.1
85	211	247	5043	33.5	34.1	33.8
80	197	245	4743	31.3	31.9	31.6
75	184	242	4461	29.3	29.8	29.6
70	170	239	4151	27.1	27.5	27.3
65	157	236	3860	25.1	25.5	25.3
60	144	233	3565	23.2	23.5	23.4
55	131	230	3267	21.2	21.5	21.4
50	118	226	2965	19.2	19.5	19.4
45	106	222	2683	17.4	17.6	17.5
40	93	217	2373	15.4	15.6	15.5
35	81	212	2083	13.6	13.8	13.7
30	69	206	1790	11.8	12.0	11.9
25	57	199	1492	10.1	10.2	10.1
20	45	191	1192	8.3	8.4	8.4
15	33	179	889	6.6	6.7	6.6
11	23	166	633	5.2	5.2	5.2

Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	6070	40.9	41.6	41.2
95	240	252	5773	38.6	39.3	39.0
90	226	250	5470	36.4	37.0	36.7
85	212	247	5165	34.2	34.8	34.5
80	198	245	4855	31.9	32.5	32.2
75	184	242	4542	29.8	30.2	30.0
70	171	240	4247	27.7	28.1	27.9
65	158	237	3948	25.7	26.0	25.8
60	145	233	3647	23.6	24.0	23.8
55	132	230	3342	21.6	21.9	21.8
50	119	226	3034	19.6	19.9	19.8
45	106	222	2721	17.6	17.8	17.7
40	94	218	2430	15.8	16.1	16.0
35	82	213	2135	13.9	14.2	14.0
30	69	206	1812	12.0	12.2	12.1
25	57	199	1511	10.2	10.3	10.2
20	45	191	1207	8.5	8.6	8.6
15	33	179	899	6.7	6.8	6.8
11	23	166	640	5.3	5.3	5.3

Lichttechnischer Prüfbefund

Familie Streetlight 21 mini easy LED	Bestell-Nr.: 5XE6D37N08GB EAN: 4058352897492	LP-Nummer 59076_1203
Dimmstufen-Tabelle		Umgebungstemperatur: 15°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	6010	40.6	41.4	41.0
95	240	252	5718	38.4	39.1	38.8
90	225	250	5399	36.0	36.7	36.4
85	212	247	5119	34.0	34.5	34.2
80	198	245	4814	31.7	32.3	32.0
75	184	242	4505	29.5	30.0	29.8
70	171	240	4214	27.5	27.9	27.7
65	157	236	3896	25.3	25.7	25.5
60	144	233	3597	23.3	23.7	23.5
55	131	230	3295	21.3	21.6	21.5
50	119	226	3014	19.4	19.7	19.5
45	106	222	2704	17.5	17.7	17.6
40	94	218	2415	15.6	15.9	15.8
35	81	212	2098	13.7	13.9	13.8
30	69	206	1802	11.9	12.1	12.0
25	57	199	1503	10.1	10.3	10.2
20	45	191	1200	8.4	8.5	8.4
15	33	179	894	6.6	6.7	6.6
11	23	166	637	5.2	5.2	5.2

Lichttechnischer Prüfbefund

Familie

Streetlight 21 mini easy LED

Bestell-Nr.: 5XE6D37N08GB

EAN: 4058352897492

LP-Nummer

59076_1203

Lichtstrom-Tabelle

SITECO

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	5940.0	40.4
5.0	6070.0	40.9
15.0	6010.0	40.6