

Lichttechnischer Prüfbefund

Familie
Streetlight 31 mini toolless

Bestell-Nr.: 5XH614AT08JA
EAN: 4069025513786

LP-Nummer
59798_2102



Ausführung Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten
Optik asymmetrisch strahlend (PL32G)
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG SITECO - Smart Interface
Bemessungswerte Nettolichtstrom = 12630 lm
Systemleistung = 82.5 W
Lichtausbeute = 153.1 lm/W

Seriendokumentation
25.08.2025

siteco

Lichtstärke in cd/klm

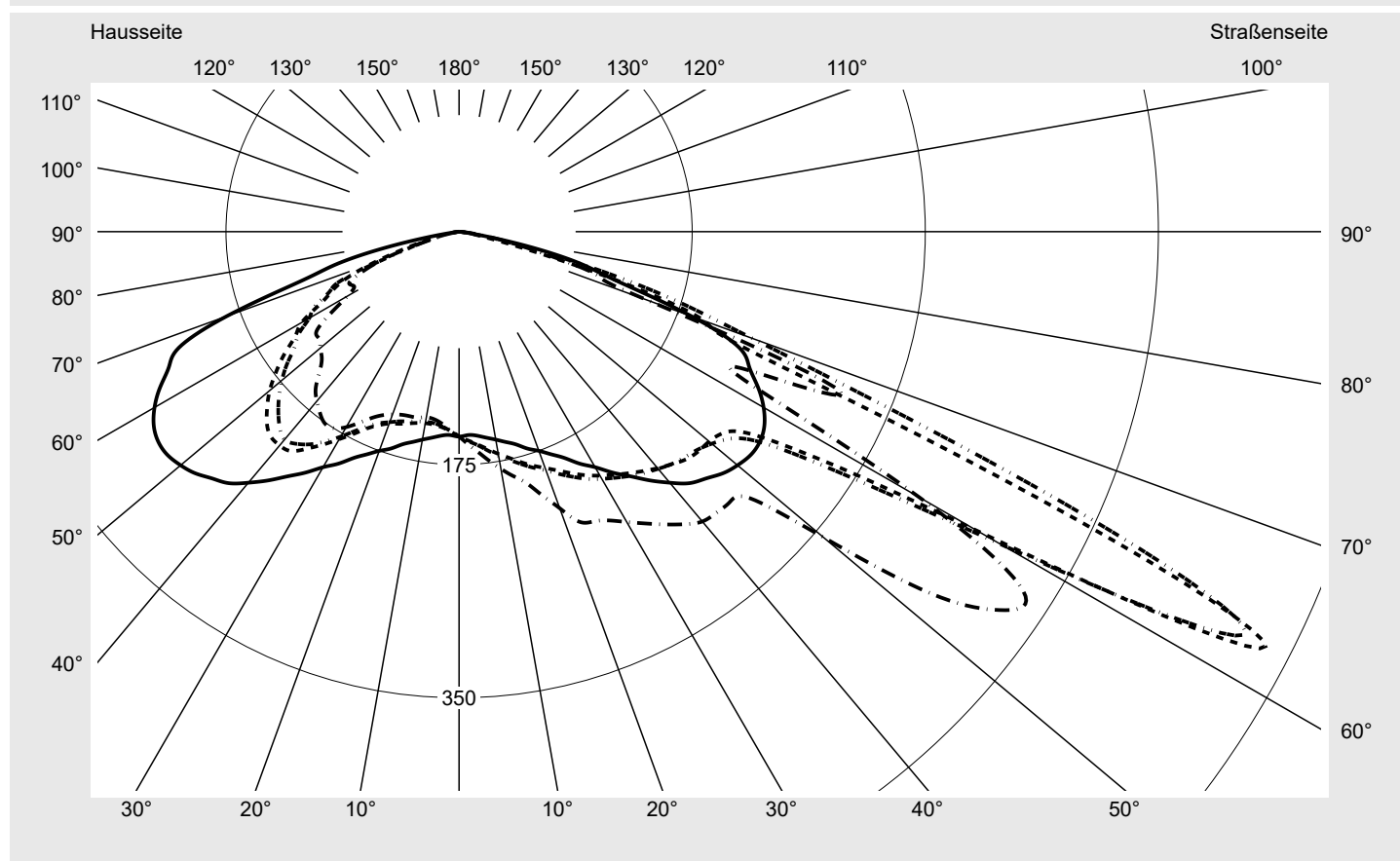
C180-0

C220-40

C225-45

C270-90

Imax: 678 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	623.9
Imax 80°	57.0
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

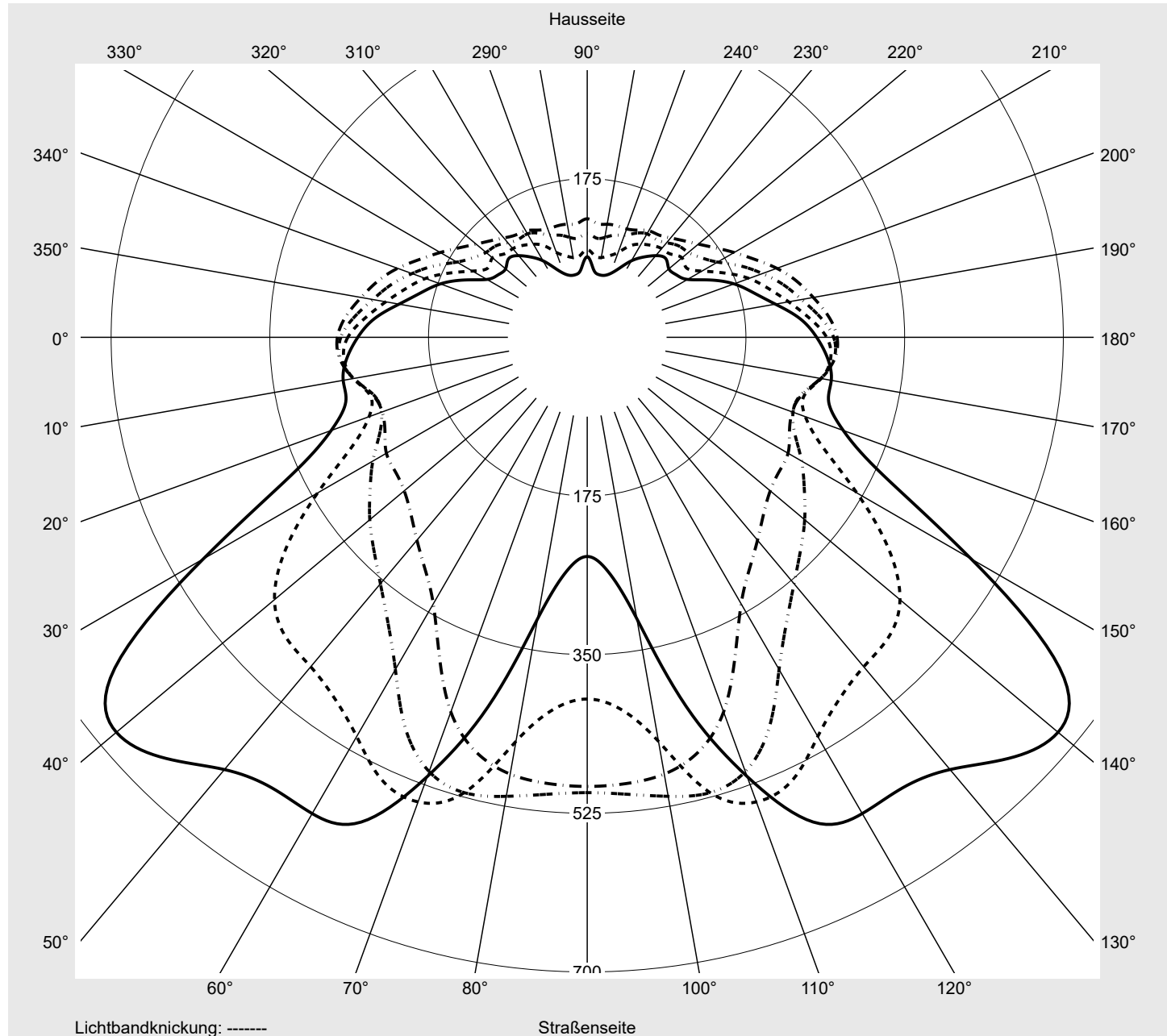
KMK 62,5°

KMK 60°

KMK 57,5°

KMK 55°

siteco



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Familie Streetlight 31 mini toolless				Bestell-Nr.: 5XH614AT08JA EAN: 4069025513786								LP-Nummer 59798_2102	
Wertetabelle Lichtstärkemessung												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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
2,5°	152.9	153.3	153.8	154.4	154.9	155.4	156.0	156.5	157.0	157.5	157.9	158.3	158.7
5,0°	153.8	154.6	155.4	156.5	157.5	158.3	158.9	159.7	160.5	161.0	161.6	162.2	162.9
7,5°	156.0	157.1	158.0	159.2	160.3	161.4	162.4	163.6	164.7	165.8	166.8	167.8	168.6
10,0°	158.6	159.8	160.7	162.1	163.6	165.0	166.3	167.8	169.4	170.8	172.3	173.6	174.7
12,5°	161.8	162.9	164.3	166.1	167.9	169.6	171.0	172.5	174.0	175.6	177.3	178.9	180.3
15,0°	165.4	166.9	168.3	170.4	172.5	174.3	176.0	177.5	179.2	180.7	182.1	184.2	186.5
17,5°	170.8	172.0	173.2	175.2	177.0	179.0	180.8	182.5	184.2	185.9	187.6	189.5	193.3
20,0°	175.2	177.6	179.4	180.6	182.3	183.8	185.4	187.0	188.9	190.8	193.3	195.6	198.8
22,5°	181.0	183.3	185.4	187.4	188.4	189.3	190.5	192.0	194.2	197.0	200.2	203.5	206.3
25,0°	187.6	190.1	191.6	193.7	195.1	195.1	195.8	197.7	200.2	203.2	206.9	210.2	213.0
27,5°	196.4	198.0	199.0	200.0	201.5	201.5	201.7	203.7	206.2	209.3	212.5	215.7	218.7
30,0°	204.2	206.2	206.7	206.7	207.3	207.7	207.4	209.4	211.5	214.4	217.0	219.4	222.1
32,5°	214.5	215.1	214.9	213.5	212.7	212.7	212.5	214.6	216.5	219.1	221.3	223.8	226.6
35,0°	224.3	224.9	223.5	220.7	217.8	217.6	217.3	220.0	221.5	223.9	226.4	229.1	232.2
37,5°	235.5	234.4	231.5	226.7	222.7	222.0	221.6	224.9	226.7	228.3	230.7	233.9	237.1
40,0°	246.1	244.1	238.9	231.2	227.0	225.6	225.6	229.6	231.8	232.5	234.7	237.4	240.3
42,5°	256.1	251.5	243.7	234.8	230.4	228.4	229.6	234.7	236.8	236.6	237.3	239.0	242.2
45,0°	262.1	258.4	248.9	238.5	233.4	230.6	232.6	238.8	241.5	239.6	239.3	241.4	245.8
47,5°	268.6	264.5	253.2	241.5	235.7	233.5	235.8	240.9	243.9	242.5	242.8	246.1	252.5
50,0°	272.9	269.4	256.7	243.7	237.1	236.9	240.1	244.1	245.1	247.7	250.1	255.0	265.8
52,5°	275.7	272.4	259.2	245.1	239.2	241.2	245.9	248.1	248.9	255.6	263.8	274.7	290.4
55,0°	275.5	273.8	261.2	245.1	240.6	246.1	255.7	258.3	263.4	275.1	292.1	311.9	339.5
57,5°	271.7	273.1	261.7	244.1	241.5	252.6	273.0	292.3	313.0	332.6	354.8	383.3	423.1
60,0°	264.0	269.5	261.9	247.8	256.0	286.6	343.4	405.3	450.2	469.1	474.4	485.9	508.4
62,5°	253.0	266.1	273.3	275.7	300.5	360.4	488.8	635.9	677.8	656.9	622.4	606.6	606.6
65,0°	240.3	274.2	286.5	273.7	264.1	275.7	311.3	384.1	511.5	564.9	556.9	590.7	600.5
67,5°	227.7	249.1	236.1	196.9	168.4	167.8	182.1	207.7	249.4	360.6	503.8	535.0	349.3
70,0°	185.7	185.4	184.1	169.0	150.8	152.0	157.7	172.3	195.9	234.0	284.0	366.9	498.5
72,5°	126.9	155.2	171.0	150.9	111.5	93.7	90.0	103.8	134.0	166.6	192.6	201.1	236.6
75,0°	96.9	117.8	119.7	83.1	44.1	31.7	30.5	39.5	61.7	98.4	139.1	154.4	150.9
77,5°	60.5	54.0	41.1	25.1	13.3	11.4	11.3	14.3	24.0	44.4	79.4	107.8	98.4
80,0°	22.7	9.2	5.9	6.4	6.7	6.7	6.6	7.4	10.8	16.5	36.0	55.9	57.0
82,5°	4.1	2.8	3.0	3.2	3.4	3.5	3.5	3.8	4.8	7.4	13.0	24.0	27.7
85,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.4	1.5	2.0	2.7	5.0	6.9
87,5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
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			
C- Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°		
γ	Lichtstärke in cd/klm												
0,0°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
2,5°	159.1	159.4	159.7	159.8	159.9	160.0	152.4	151.8	151.6	151.3	150.9	150.6	150.4
5,0°	163.7	164.5	165.1	165.6	166.1	166.3	152.8	151.7	150.9	150.3	149.5	148.7	148.0
7,5°	169.4	170.2	171.2	172.3	173.2	173.6	154.4	152.8	151.7	150.4	149.3	148.1	147.1
10,0°	175.5	176.3	177.2	178.7	180.2	180.9	156.5	154.6	153.1	151.7	150.1	148.7	147.4
12,5°	181.6	182.5	183.3	184.9	187.0	188.0	159.7	157.3	155.6	153.7	152.0	150.4	148.5
15,0°	188.7	190.7	191.4	192.4	194.5	195.4	163.4	160.8	158.9	156.9	154.7	152.7	150.9
17,5°	198.0	202.0	204.3	204.2	206.1	207.7	168.2	165.4	162.6	160.0	157.6	155.4	153.3
20,0°	206.1	212.8	217.8	217.6	218.8	221.0	172.1	169.3	166.3	163.1	160.2	157.5	155.2
22,5°	211.5	220.9	227.4	228.6	229.6	235.8	177.3	174.5	171.9	168.2	164.7	161.6	159.2
25,0°	216.0	224.8	231.2	232.8	233.2	240.0	184.4	180.8	178.1	174.8	170.8	167.5	165.0
27,5°	220.8	226.8	232.8	234.6	234.6	244.5	192.9	189.3	185.7	183.1	179.7	176.3	173.6
30,0°	224.8	229.3	236.4	238.7	238.5	251.8	201.8	198.4	194.5	190.6	188.8	185.4	182.4
32,5°	229.5	233.4	241.7	245.6	245.0	259.8	211.7	208.7	205.0	201.0	197.7	196.5	192.8
35,0°	234.9	238.7	246.3	252.1	252.4	268.4	222.9	220.0	216.2	212.5	208.5	205.4	204.0
37,5°	240.1	243.6	251.3	261.6	263.1	277.0	234.2	231.2	227.2	223.4	219.2	215.1	210.2
40,0°	243.8	247.9	256.6	273.9	278.8	284.1	245.3	242.2	237.9	233.5	228.7	223.0	216.7
42,5°	246.4	252.9	262.7	285.1	288.5	286.1	255.1	251.8	247.3	241.9	235.3	227.8	219.2
45,0°	251.6	260.7	270.1	282.6	289.1	287.3	261.5	259.0	254.5	247.6	239.1	229.2	216.9
47,5°	261.0	273.6	281.2	289.3	296.3	296.3	266.6	262.3	257.3	249.7	238.9	225.6	210.4
50,0°	279.0	298.4	311.8	330.3	349.0	357.1	270.0	263.8	255.6	246.5	233.4	217.1	200.4
52,5°	315.1	351.1	385.6	420.3	441.3	446.2	270.7	260.9	250.0	237.0	221.3	205.0	187.3
55,0°	386.3	439.7	473.6	489.2	494.1	495.4	267.0	253.2	239.2	222.5	203.6	187.1	172.2
57,5°	474.9	509.7	520.2	514.1	506.0	502.2	257.7	240.1	224.0	205.6	186.4	165.9	153.3
60,0°	537.7	545.3	519.2	452.5	411.2	399.0	245.7	225.6	207.2	189.8	167.7	146.1	133.5
62,5°	590.0	515.5	421.5	315.3	258.8	241.7	235.6	210.7	189.9	172.3	149.6	127.7	120.1
65,0°	483.5	302.1	187.1	194.0	243.5	258.9	209.5	187.8	172.2	155.2	131.6	112.6	104.5
67,5°	189.2	219.9	403.6	398.0	335.1	304.9	192.4	159.6	147.1	135.6	113.1	96.5	91.2
70,0°	623.9	488.5	293.6	190.4	158.1	150.3	173.4	146.1	127.2	114.7	96.8	80.7	75.9
72,5°	266.8	208.4	157.0	131.3	114.1	109.4	118.5	122.0	114.7	96.9	76.6	64.1	54.6
75,0°	143.3	125.1	104.9	89.5	77.5	73.1	62.5	68.5	86.0	79.6	61.7	45.1	32.8
77,5°	87.4	73.2	61.5	52.2	46.1	43.5	37.1	27.9	43.3	49.7	37.5	21.9	11.8
80,0°	48.8	40.2	34.1	29.5	25.5	23.9	17.2	9.9	14.2	20.5	16.7	6.9	6.2
82,5°	23.2	19.1	15.7	13.5	11.6	10.9	3.9	3.1	3.7	4.7	4.1	3.1	3.1
85,0°	7.4	6.0	4.9	4.0	3.5	3.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
87,5°	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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												sīteco	
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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	0.2	0.2
2,5°	150.1	149.8	149.7	149.6	149.4	149.3	149.3	149.3	149.3	149.4	149.4	1.8	2.1
5,0°	147.4	146.7	146.1	145.7	145.4	145.0	144.8	144.8	144.8	144.9	144.9	3.7	5.8
7,5°	146.1	145.0	144.3	143.6	143.0	142.5	142.1	142.1	142.1	142.2	142.1	5.6	11.3
10,0°	146.1	145.0	143.9	143.2	142.4	141.8	141.3	141.2	141.3	141.4	141.5	7.5	18.9
12,5°	147.1	145.9	144.8	143.9	143.2	142.7	142.5	142.6	142.8	142.9	143.0	9.6	28.5
15,0°	149.1	147.5	146.3	145.0	144.1	143.4	142.9	142.9	143.0	143.3	143.4	11.7	40.2
17,5°	151.3	149.3	147.8	147.0	146.1	145.1	144.5	144.0	143.9	143.9	144.2	14.0	54.2
20,0°	153.3	152.2	151.1	150.0	149.0	148.1	147.2	146.4	145.9	145.8	146.1	16.4	70.7
22,5°	157.3	155.7	154.9	154.3	153.1	152.0	150.8	149.8	149.0	148.7	149.1	19.0	89.6
25,0°	162.9	161.3	160.4	159.5	158.9	157.6	156.3	155.0	154.1	153.6	154.2	21.6	111.3
27,5°	171.1	168.6	168.0	167.0	166.0	165.1	163.7	162.7	161.7	161.1	161.6	24.4	135.7
30,0°	179.9	177.7	176.3	175.3	174.1	172.9	171.9	170.8	169.7	169.1	169.5	27.4	163.1
32,5°	189.5	186.7	185.2	183.1	181.4	180.1	179.0	177.4	176.0	175.1	175.0	30.5	193.6
35,0°	198.9	194.9	192.0	189.5	186.2	183.6	181.9	179.0	176.9	175.6	175.8	33.6	227.2
37,5°	207.6	200.8	196.1	191.4	185.8	181.2	178.5	175.5	173.1	171.7	171.5	36.5	263.8
40,0°	209.5	203.8	195.1	187.8	180.7	175.2	171.9	169.1	166.9	165.8	166.0	39.3	303.0
42,5°	209.0	199.4	190.8	181.1	173.4	167.7	164.3	161.7	159.7	159.1	159.3	41.7	344.7
45,0°	204.0	191.9	183.0	172.6	165.1	159.6	156.3	152.5	149.3	147.7	147.8	43.7	388.4
47,5°	195.4	183.3	173.3	165.6	156.8	149.0	143.9	140.5	138.4	138.2	139.8	45.6	434.0
50,0°	185.6	173.6	164.0	154.2	144.2	138.5	137.0	136.0	134.9	134.8	136.0	48.2	482.2
52,5°	173.2	162.6	152.2	141.9	140.0	135.1	132.1	130.8	129.2	128.9	132.2	52.1	534.3
55,0°	160.0	150.6	143.1	137.8	135.7	130.5	127.3	127.3	126.6	126.0	130.8	56.4	590.7
57,5°	145.7	142.6	136.2	132.0	131.8	126.7	119.8	116.6	111.9	110.1	114.6	60.7	651.4
60,0°	136.4	129.9	127.7	123.8	118.6	111.3	99.7	93.1	89.3	90.6	96.7	65.1	716.5
62,5°	117.5	122.6	117.6	108.0	97.4	84.2	74.8	70.7	70.4	75.9	88.8	70.5	787.0
65,0°	105.1	107.7	103.0	86.6	70.4	62.2	58.9	58.0	57.6	65.6	91.0	59.1	846.2
67,5°	91.4	95.9	78.9	58.2	51.3	50.5	50.5	45.2	40.7	48.6	78.6	48.7	894.8
70,0°	68.4	57.8	51.5	42.6	42.2	44.3	38.5	25.7	21.0	30.1	60.3	43.2	938.0
72,5°	43.3	34.9	32.5	34.1	37.1	35.6	20.9	16.3	17.0	20.4	34.9	27.8	965.8
75,0°	25.0	22.6	25.6	29.5	28.0	20.4	14.3	12.0	11.5	12.4	17.2	17.6	983.3
77,5°	11.6	14.3	17.1	18.0	15.2	11.7	10.3	8.3	6.8	6.6	10.8	9.5	992.9
80,0°	6.5	7.0	8.1	8.5	8.0	7.4	6.3	4.9	3.3	2.0	1.6	4.4	997.3
82,5°	3.3	3.6	4.1	4.1	4.3	4.1	3.3	2.5	1.9	1.2	1.0	1.9	999.2
85,0°	1.4	1.5	1.6	1.6	1.7	1.7	1.5	1.3	1.0	0.9	0.9	0.6	999.8
87,5°	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.2	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 Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	12630	82.5	90.1	86.3
95	238	252	11985	77.0	84.1	80.6
90	223	249	11358	71.9	78.4	75.2
85	209	247	10752	67.2	73.2	70.2
80	194	244	10088	62.3	67.8	65.0
75	180	241	9455	57.6	62.8	60.2
70	167	239	8851	53.3	58.1	55.7
65	153	235	8188	48.9	53.1	51.0
60	140	232	7561	44.7	48.6	46.7
55	128	229	6970	40.9	44.4	42.6
50	115	225	6318	36.8	39.9	38.3
45	103	221	5705	33.1	35.8	34.4
40	90	216	5031	29.0	31.4	30.2
35	78	211	4399	25.3	27.4	26.4
30	67	205	3811	22.0	23.7	22.8
25	55	198	3161	18.4	19.8	19.1
20	43	189	2502	15.0	16.0	15.5
15	32	178	1891	11.8	12.6	12.2
10	21	163	1273	8.4	9.1	8.8
9	18	157	1103	7.2	7.8	7.5

Dimmstufen-Tabelle Umgebungstemperatur: 5°C	
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	13000	83.5	91.2	87.4
95	239	252	12357	78.3	85.5	81.9
90	224	249	11696	73.2	79.8	76.5
85	210	247	11064	68.4	74.6	71.5
80	196	245	10416	63.7	69.4	66.6
75	182	242	9758	59.1	64.3	61.7
70	168	239	9085	54.5	59.2	56.8
65	155	236	8448	50.2	54.6	52.4
60	142	233	7801	45.9	50.0	48.0
55	129	229	7145	41.8	45.3	43.6
50	116	225	6475	37.6	40.8	39.2
45	104	221	5849	33.9	36.7	35.3
40	92	217	5213	30.0	32.6	31.3
35	80	212	4569	26.3	28.4	27.4
30	68	206	3917	22.6	24.4	23.5
25	56	199	3256	19.0	20.5	19.8
20	44	190	2588	15.5	16.6	16.0
15	33	179	1969	12.3	13.1	12.7
10	21	163	1287	8.5	9.2	8.8
9	18	157	1115	7.3	8.0	7.6

Lichttechnischer Prüfbefund

Familie Streetlight 31 mini toolless	Bestell-Nr.: 5XH614AT08JA EAN: 4069025513786	LP-Nummer 59798_2102
Dimmstufen-Tabelle Umgebungstemperatur: 15°C		sit eco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	12830	83.0	90.6	86.8
95	239	252	12206	77.8	84.9	81.4
90	224	249	11561	72.7	79.3	76.0
85	209	247	10898	67.7	73.7	70.7
80	195	244	10263	63.0	68.6	65.8
75	181	242	9615	58.3	63.5	60.9
70	168	239	9001	54.1	58.8	56.4
65	154	236	8326	49.5	53.8	51.6
60	141	232	7689	45.3	49.2	47.2
55	128	229	7039	41.2	44.7	43.0
50	116	225	6428	37.3	40.5	38.9
45	103	221	5756	33.3	36.1	34.7
40	91	216	5126	29.5	31.9	30.7
35	79	211	4487	25.8	27.9	26.8
30	67	205	3840	22.2	23.9	23.0
25	55	198	3184	18.6	20.0	19.3
20	44	190	2575	15.4	16.5	16.0
15	32	178	1904	11.9	12.7	12.3
10	21	163	1281	8.5	9.2	8.8
9	18	157	1110	7.2	7.9	7.6

Lichttechnischer Prüfbefund

Familie Streetlight 31 mini toolless	Bestell-Nr.: 5XH614AT08JA EAN: 4069025513786	LP-Nummer 59798_2102
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	12630.0	82.5
5.0	13000.0	83.5
15.0	12830.0	83.0