

Lichttechnischer Prüfbefund

Familie
Streetlight 21 mini LED

Bestell-Nr.: 5XE2V33S08HB
EAN: 4069025150547

LP-Nummer
59539_283



Ausführung Mastansatz- / Mastaufsatzmontage, Smart Interface oben

Optik direkt, asymmetrisch breit strahlend P050001

Abdeckung Einscheibensicherheitsglas (ESG)

Bestückung LED 3000 K | CRI ≥ 70

Betriebsgerät EVG-Smart Interface

Bemessungswerte Nettolichtstrom = 8890 lm
Systemleistung = 66.0 W
Lichtausbeute = 134.7 lm/W

Seriendokumentation
18.01.2024

siteco

Lichtstärke in cd/klm

C180-0

C190-10

C195-15

C270-90

Imax: 326 cd/klm



Leuchtenbetriebswirkungsgrade

Eta 100.0%

Eta 0° - 90° 100.0%

Eta 90° - 180° 0.0%

Lichtstärkeklasse nach EN13201-2

Klasse: G6

Imax 70° 300.7

Imax 80° 79.4

Imax 90° 0.0

Imax >90° 0.0

Imax >95° 0.0

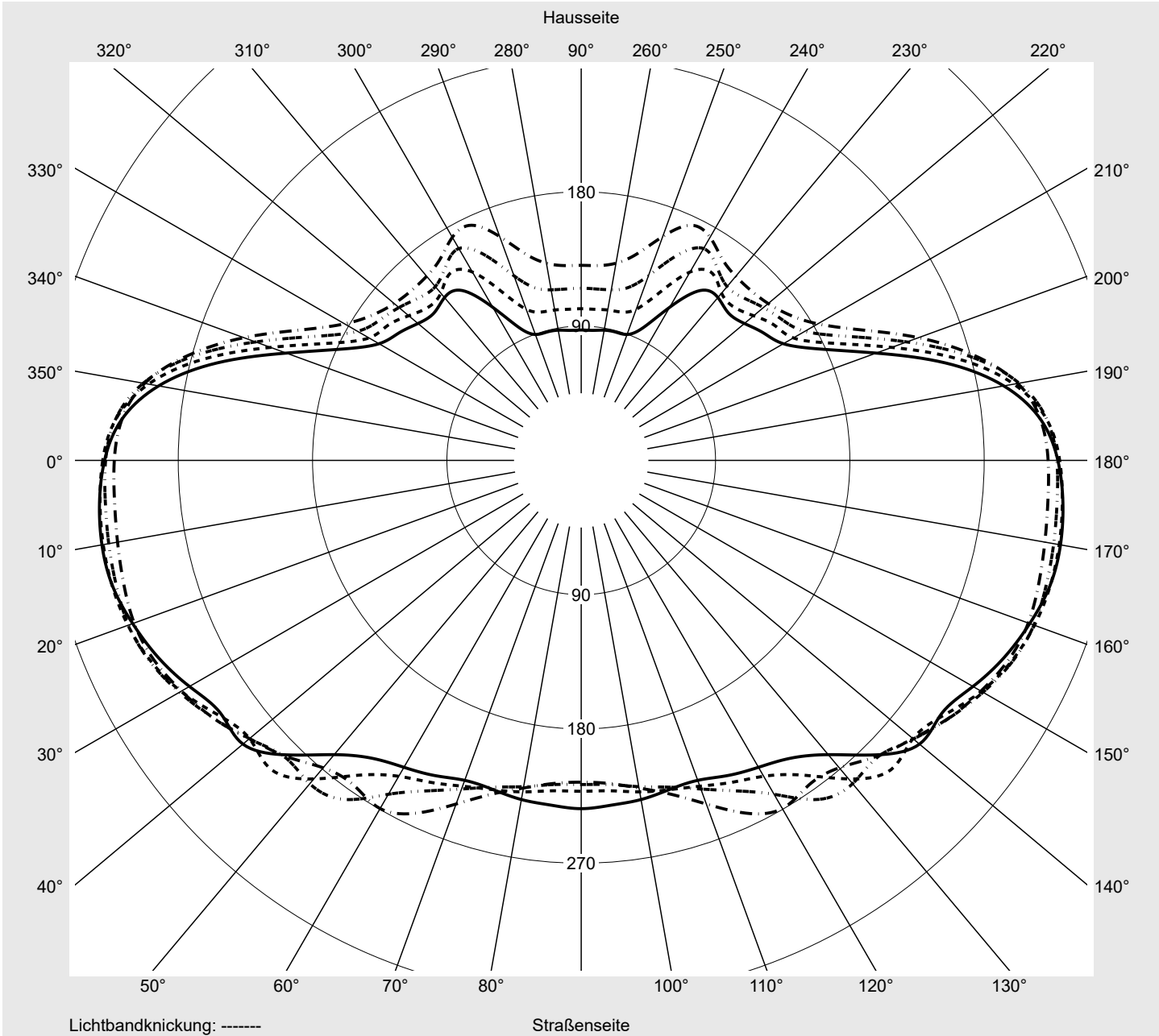
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 57,5°** **KMK 55°** **KMK 52,5°** **KMK 50°** **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°	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0
2,5°	250.0	250.0	250.1	250.3	250.7	251.0	251.0	251.2	251.5	251.6	251.7	252.0	252.3
5,0°	249.9	249.8	249.8	250.2	250.6	250.8	251.0	251.2	251.6	251.6	251.8	252.1	252.3
7,5°	249.5	249.5	249.4	249.8	250.3	250.6	250.8	250.9	251.2	251.3	251.4	251.6	251.7
10,0°	249.0	248.9	248.9	249.3	249.7	250.0	250.2	250.3	250.5	250.6	250.7	250.7	250.6
12,5°	248.6	248.5	248.3	248.8	249.3	249.5	249.6	249.6	249.6	249.6	249.6	249.6	249.4
15,0°	248.3	248.3	248.1	248.6	249.0	249.0	249.0	248.9	248.7	248.7	248.5	248.2	247.7
17,5°	248.3	248.2	247.9	248.3	248.7	248.8	248.8	248.6	248.1	247.7	247.3	246.6	245.9
20,0°	248.9	249.0	248.5	249.0	249.2	249.1	249.0	248.5	247.8	247.2	246.4	245.4	244.2
22,5°	250.1	250.1	249.8	250.3	250.5	250.3	249.9	249.1	248.0	246.9	245.8	244.0	242.5
25,0°	251.4	251.8	251.8	252.3	252.4	252.0	251.1	249.9	248.3	246.5	244.7	242.8	240.9
27,5°	253.4	254.0	254.8	255.4	255.5	255.0	253.7	252.1	249.6	247.0	244.5	242.2	239.4
30,0°	255.0	256.9	258.5	259.3	259.3	258.5	257.2	254.9	251.6	248.3	245.1	241.9	238.5
32,5°	258.2	260.9	263.0	263.9	264.2	263.3	261.6	258.6	254.5	250.7	246.4	242.2	238.0
35,0°	261.7	266.1	269.0	269.9	270.0	269.4	267.1	263.1	258.6	254.1	248.8	243.6	238.9
37,5°	266.8	271.5	274.9	276.5	276.5	275.8	273.3	268.9	263.8	258.0	251.8	246.1	240.6
40,0°	274.5	279.0	282.4	284.1	284.4	283.4	280.9	275.8	270.4	263.3	256.0	249.1	242.3
42,5°	285.1	287.7	290.9	293.0	293.3	292.0	288.8	283.0	276.7	268.6	260.2	252.3	244.4
45,0°	294.5	296.9	299.4	301.9	302.8	301.6	297.2	290.6	283.0	273.7	264.6	255.2	246.2
47,5°	304.8	305.7	307.7	310.1	311.4	309.8	304.3	297.0	287.8	277.8	267.8	257.0	248.7
50,0°	312.8	313.9	315.5	317.5	318.8	316.1	309.3	300.9	290.1	280.4	269.0	265.7	269.5
52,5°	318.7	320.1	321.5	322.6	322.8	318.8	310.8	301.1	290.5	281.1	282.9	277.4	258.4
55,0°	320.6	323.6	325.2	325.3	323.2	318.2	309.6	297.3	290.1	293.3	278.7	257.5	244.5
57,5°	319.4	324.0	326.1	325.1	319.8	312.7	303.1	295.2	295.9	279.2	257.5	243.8	237.5
60,0°	315.5	321.1	323.5	322.0	313.2	302.4	294.6	297.8	286.2	257.4	242.9	234.2	227.4
62,5°	307.0	315.3	318.5	316.7	303.4	288.4	283.0	286.1	266.8	239.5	228.9	220.3	213.3
65,0°	298.5	308.0	313.6	310.8	293.9	274.5	258.2	254.1	246.7	219.3	210.7	200.1	196.9
67,5°	282.4	297.5	307.6	304.5	284.9	260.4	237.6	233.8	224.5	196.1	181.4	175.2	177.5
70,0°	265.3	283.6	300.7	296.7	273.8	244.0	215.8	202.6	190.5	173.9	157.0	152.6	154.2
72,5°	243.6	269.1	292.8	286.6	258.3	222.1	190.7	169.6	160.0	149.0	134.1	128.7	126.5
75,0°	216.2	240.5	264.2	259.5	228.1	191.8	159.7	140.2	129.3	121.7	108.1	103.8	102.5
77,5°	145.0	162.5	166.8	154.2	137.4	126.2	120.6	109.9	99.3	92.4	79.4	77.3	75.9
80,0°	69.5	56.9	56.8	60.7	61.0	60.2	65.4	60.8	54.6	59.0	55.1	55.2	45.6
82,5°	6.3	5.3	5.3	7.2	14.9	17.9	23.4	25.2	24.8	26.7	24.9	30.5	22.9
85,0°	2.5	2.5	2.4	2.4	2.3	2.3	2.1	2.2	3.8	5.7	6.8	8.1	5.9
87,5°	1.4	1.4	1.4	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0
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	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°	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0
2,5°	252.3	252.3	252.7	252.9	253.1	253.3	250.0	249.6	249.6	249.8	249.7	249.6	249.6
5,0°	252.3	252.4	252.6	252.9	253.0	253.1	249.5	249.0	248.8	248.8	248.3	248.1	247.8
7,5°	251.6	251.6	251.7	252.1	252.3	252.3	249.0	248.2	247.8	247.4	246.7	245.9	245.0
10,0°	250.3	250.2	250.3	250.4	250.5	250.5	248.3	247.4	246.8	245.8	244.4	242.9	241.2
12,5°	248.9	248.6	248.4	248.3	248.3	248.3	247.6	246.5	245.5	244.0	241.7	239.3	236.5
15,0°	247.0	246.2	245.8	245.4	245.2	244.9	247.3	245.8	244.5	242.2	239.2	235.6	231.8
17,5°	244.7	243.5	242.5	241.7	241.2	241.1	247.2	245.6	243.7	240.6	236.5	232.0	226.9
20,0°	242.7	241.0	239.5	238.3	237.5	237.1	247.7	245.9	243.3	239.2	234.0	228.1	221.9
22,5°	240.8	238.9	236.9	234.9	234.1	233.5	248.7	246.6	243.2	237.9	231.2	224.1	216.7
25,0°	239.0	236.8	234.2	231.8	230.7	230.1	250.0	247.4	243.1	236.4	228.5	220.4	212.1
27,5°	236.8	234.2	231.6	229.1	227.5	227.0	251.3	247.9	242.3	234.8	225.8	216.6	207.6
30,0°	235.1	231.9	229.1	226.5	224.6	223.9	252.4	248.4	241.6	232.7	222.7	212.6	203.0
32,5°	234.4	230.8	227.1	224.2	221.9	221.3	254.5	249.3	241.1	230.7	219.4	208.0	197.7
35,0°	234.7	230.0	225.7	222.3	219.4	218.5	257.2	250.7	240.7	228.3	215.2	202.1	191.5
37,5°	235.1	229.6	224.5	220.5	217.8	217.1	260.8	252.7	240.9	226.3	210.7	196.0	185.4
40,0°	235.7	229.1	223.6	219.4	216.7	215.7	268.8	260.3	247.2	229.4	209.2	191.2	180.0
42,5°	237.0	229.2	222.7	218.0	214.7	213.8	279.8	271.8	257.3	236.8	212.4	190.4	176.4
45,0°	238.2	230.1	224.1	220.4	218.0	217.4	290.5	281.9	265.7	242.9	216.1	191.3	174.9
47,5°	246.9	247.6	243.5	237.5	231.8	229.8	300.6	290.3	270.0	243.5	214.7	189.5	173.3
50,0°	260.9	245.1	231.6	223.0	217.4	215.7	309.1	297.1	272.4	240.5	207.0	183.1	170.2
52,5°	244.4	234.4	226.8	222.1	218.1	217.3	313.3	298.0	269.5	232.2	196.7	173.0	164.4
55,0°	238.2	232.4	228.5	225.6	222.3	221.8	313.2	294.4	262.1	221.4	185.8	164.2	158.0
57,5°	233.0	228.2	228.4	230.8	232.0	233.5	309.4	287.5	252.5	210.3	176.6	156.4	149.0
60,0°	223.2	221.3	227.4	239.2	253.0	259.4	304.3	280.9	244.1	201.6	167.7	146.0	137.4
62,5°	206.8	211.0	228.8	255.9	259.3	251.4	295.4	271.1	233.9	189.1	153.8	128.8	122.0
65,0°	191.1	200.2	214.8	159.1	99.5	81.1	284.6	258.6	219.5	173.2	136.8	113.8	106.5
67,5°	173.1	177.0	104.3	45.0	40.1	39.3	268.1	239.7	201.3	160.9	126.0	98.9	86.9
70,0°	153.9	102.1	38.9	34.7	33.3	32.7	246.7	221.4	192.0	159.1	115.1	78.0	67.2
72,5°	111.9	41.5	29.4	28.3	27.3	27.0	224.7	207.4	190.7	144.1	81.8	52.9	48.5
75,0°	61.2	23.5	22.1	21.8	21.5	21.6	197.8	193.8	171.7	100.8	45.9	35.1	33.8
77,5°	29.7	16.3	15.8	15.8	15.3	15.1	138.8	139.4	99.3	39.4	22.0	21.2	22.0
80,0°	13.6	10.4	10.2	9.9	9.6	9.4	79.4	70.3	36.0	12.7	11.5	11.9	12.6
82,5°	6.5	5.7	5.7	5.6	5.2	5.2	10.5	13.4	8.3	5.6	5.6	5.7	6.0
85,0°	2.4	2.3	2.3	2.2	2.1	2.1	2.5	2.5	2.5	2.4	2.4	2.3	2.3
87,5°	0.9	0.9	0.9	0.8	0.9	0.9	1.4	1.4	1.5	1.4	1.3	1.3	1.3
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
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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°	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	251.0	0.4	0.4
2,5°	249.5	249.6	249.6	249.4	249.5	249.6	249.9	249.8	249.8	249.8	250.0	3.0	3.4
5,0°	247.3	247.0	246.7	246.3	246.1	245.9	245.8	245.6	245.4	245.5	245.5	6.0	9.3
7,5°	243.8	242.8	241.6	240.6	239.8	239.1	238.5	237.9	237.5	237.3	237.3	8.8	18.2
10,0°	239.2	237.1	235.1	233.3	231.6	230.3	229.2	228.1	227.5	227.3	227.2	11.6	29.8
12,5°	233.5	230.3	227.4	224.7	222.2	220.1	218.5	217.4	216.5	216.1	216.0	14.2	44.0
15,0°	227.8	223.5	219.5	216.0	213.0	210.5	208.6	207.2	206.3	205.9	205.8	16.8	60.8
17,5°	221.8	216.7	211.9	207.7	204.2	201.5	199.5	198.2	197.5	197.2	197.1	19.2	80.0
20,0°	215.8	210.0	205.0	200.6	197.2	194.7	193.1	192.4	192.1	192.1	192.2	21.6	101.6
22,5°	210.0	204.1	199.0	194.9	192.2	190.6	190.1	190.3	190.7	191.4	191.7	24.0	125.5
25,0°	204.8	198.6	194.1	191.3	190.1	190.3	191.3	192.8	194.3	195.5	195.9	26.4	151.9
27,5°	199.8	194.0	190.6	189.8	190.5	192.5	195.2	197.9	200.0	201.7	202.1	28.9	180.8
30,0°	195.2	190.2	188.5	189.8	192.7	196.4	200.1	203.5	206.3	208.3	209.1	31.3	212.2
32,5°	190.1	186.9	187.5	190.9	195.4	199.9	204.5	208.4	211.9	214.2	215.0	33.8	246.0
35,0°	185.4	184.1	186.9	191.8	197.2	202.0	207.3	211.8	215.6	218.4	219.5	36.3	282.3
37,5°	180.7	181.6	185.8	191.4	196.6	201.5	207.1	212.4	217.4	221.0	222.3	38.8	321.1
40,0°	176.7	178.7	183.2	188.2	193.3	198.3	204.5	211.1	216.0	218.7	219.7	41.2	362.3
42,5°	172.5	174.4	178.4	183.2	188.3	194.4	202.4	209.1	210.7	209.0	208.0	43.7	406.0
45,0°	168.5	169.0	172.8	177.7	183.6	192.3	199.7	198.2	190.3	183.1	180.9	46.0	452.0
47,5°	165.7	164.8	167.4	172.3	179.5	187.1	185.5	173.5	160.7	153.4	151.6	48.2	500.1
50,0°	163.6	160.9	161.1	164.8	172.7	173.9	159.6	143.1	134.2	131.1	130.7	49.4	549.6
52,5°	159.4	154.0	152.1	158.4	164.0	151.5	131.7	119.8	116.1	115.3	115.4	50.2	599.8
55,0°	150.8	145.1	146.3	153.1	145.8	124.0	107.8	103.0	102.4	101.7	101.7	50.5	650.3
57,5°	142.8	139.6	142.5	139.0	118.5	98.1	89.8	89.0	88.6	87.5	87.4	50.3	700.6
60,0°	133.7	133.9	130.8	113.2	90.4	79.0	76.1	75.9	75.7	74.4	74.2	49.7	750.2
62,5°	121.6	118.6	103.6	83.7	70.2	66.2	64.9	64.9	65.1	63.8	63.5	48.1	798.4
65,0°	104.0	95.2	77.1	64.1	59.9	58.1	56.9	56.9	57.6	55.8	55.5	43.5	841.8
67,5°	82.3	70.1	58.1	53.2	52.4	50.9	49.3	49.4	50.1	47.9	46.8	38.6	880.4
70,0°	61.0	51.7	46.0	45.5	45.4	43.4	40.4	39.0	38.7	35.7	35.0	34.6	915.0
72,5°	43.8	39.1	37.3	37.4	36.9	33.9	30.2	28.6	27.5	24.9	24.2	30.4	945.4
75,0°	32.1	30.1	29.5	29.0	27.9	24.8	21.3	19.4	16.5	13.2	12.4	25.4	970.8
77,5°	22.1	21.5	20.5	20.2	18.7	15.1	11.1	9.0	7.4	5.4	5.2	17.0	987.8
80,0°	12.1	11.9	10.1	9.0	8.4	7.2	5.8	4.6	3.8	2.1	1.9	8.5	996.3
82,5°	5.8	5.3	4.7	4.5	4.4	3.7	3.0	2.4	1.7	1.2	1.0	2.7	999.0
85,0°	2.1	2.1	1.9	1.8	1.7	1.5	1.3	1.1	0.9	0.8	0.7	0.7	999.7
87,5°	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.3	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	8890	66.0	68.9	67.4
95	238	252	8447	61.7	64.5	63.1
90	223	249	8013	57.8	60.3	59.0
85	208	247	7564	53.8	56.3	55.0
80	193	244	7107	50.0	52.2	51.1
75	179	241	6664	46.4	48.4	47.4
70	165	238	6213	42.9	44.6	43.8
65	152	235	5785	39.6	41.2	40.4
60	139	232	5349	36.2	37.8	37.0
55	126	228	4902	33.0	34.4	33.7
50	113	224	4445	29.8	31.0	30.4
45	101	220	4015	26.8	27.9	27.4
40	88	215	3538	23.6	24.6	24.1
35	77	210	3125	20.9	21.8	21.4
30	65	204	2668	18.0	18.7	18.4
25	54	197	2241	15.3	15.8	15.6
20	42	188	1767	12.4	12.8	12.6
16	34	180	1446	10.5	10.8	10.6

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	9130	66.8	69.7	68.2
95	238	252	8661	62.4	65.3	63.8
90	223	249	8206	58.6	61.1	59.8
85	209	247	7768	54.8	57.3	56.0
80	194	244	7292	50.9	53.1	52.0
75	180	241	6833	47.2	49.4	48.3
70	167	239	6402	43.9	45.8	44.8
65	153	235	5926	40.3	42.1	41.2
60	140	232	5478	36.9	38.5	37.7
55	127	229	5019	33.8	35.1	34.4
50	114	225	4552	30.5	31.8	31.2
45	102	221	4112	27.5	28.5	28.0
40	90	216	3664	24.4	25.4	24.9
35	78	211	3207	21.5	22.3	21.9
30	66	205	2741	18.5	19.2	18.8
25	54	197	2269	15.5	16.1	15.8
20	43	189	1828	12.8	13.3	13.0
16	34	180	1462	10.7	11.0	10.8

Lichttechnischer Prüfbefund

Familie Streetlight 21 mini LED	Bestell-Nr.: 5XE2V33S08HB EAN: 4069025150547	LP-Nummer 59539_283
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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	9020	66.4	69.3	67.8
95	238	252	8564	62.1	64.9	63.5
90	223	249	8118	58.2	60.7	59.4
85	208	247	7658	54.2	56.6	55.4
80	194	244	7222	50.6	52.8	51.7
75	180	241	6771	46.9	49.1	48.0
70	166	238	6313	43.3	45.2	44.2
65	153	235	5878	40.0	41.8	40.9
60	139	232	5401	36.5	38.1	37.3
55	126	228	4947	33.2	34.6	33.9
50	114	225	4520	30.3	31.5	30.9
45	101	220	4049	27.0	28.1	27.6
40	89	216	3604	24.0	24.9	24.4
35	77	210	3149	21.1	21.9	21.5
30	65	204	2688	18.1	18.8	18.5
25	54	197	2257	15.4	15.9	15.6
20	43	189	1819	12.7	13.2	13.0
16	34	180	1455	10.6	10.9	10.8

Lichttechnischer Prüfbefund

Familie
Streetlight 21 mini LED

Bestell-Nr.: 5XE2V33S08HB
EAN: 4069025150547

LP-Nummer
59539_283

Lichtstrom-Tabelle

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Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	8890.0	66.0
5.0	9130.0	66.8
15.0	9020.0	66.4