

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255EF14H**
EAN: **4058352635933**

LP-Nummer
57121_31



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 3000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 1540 lm Systemleistung = 10.5 W Lichtausbeute = 146.7 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

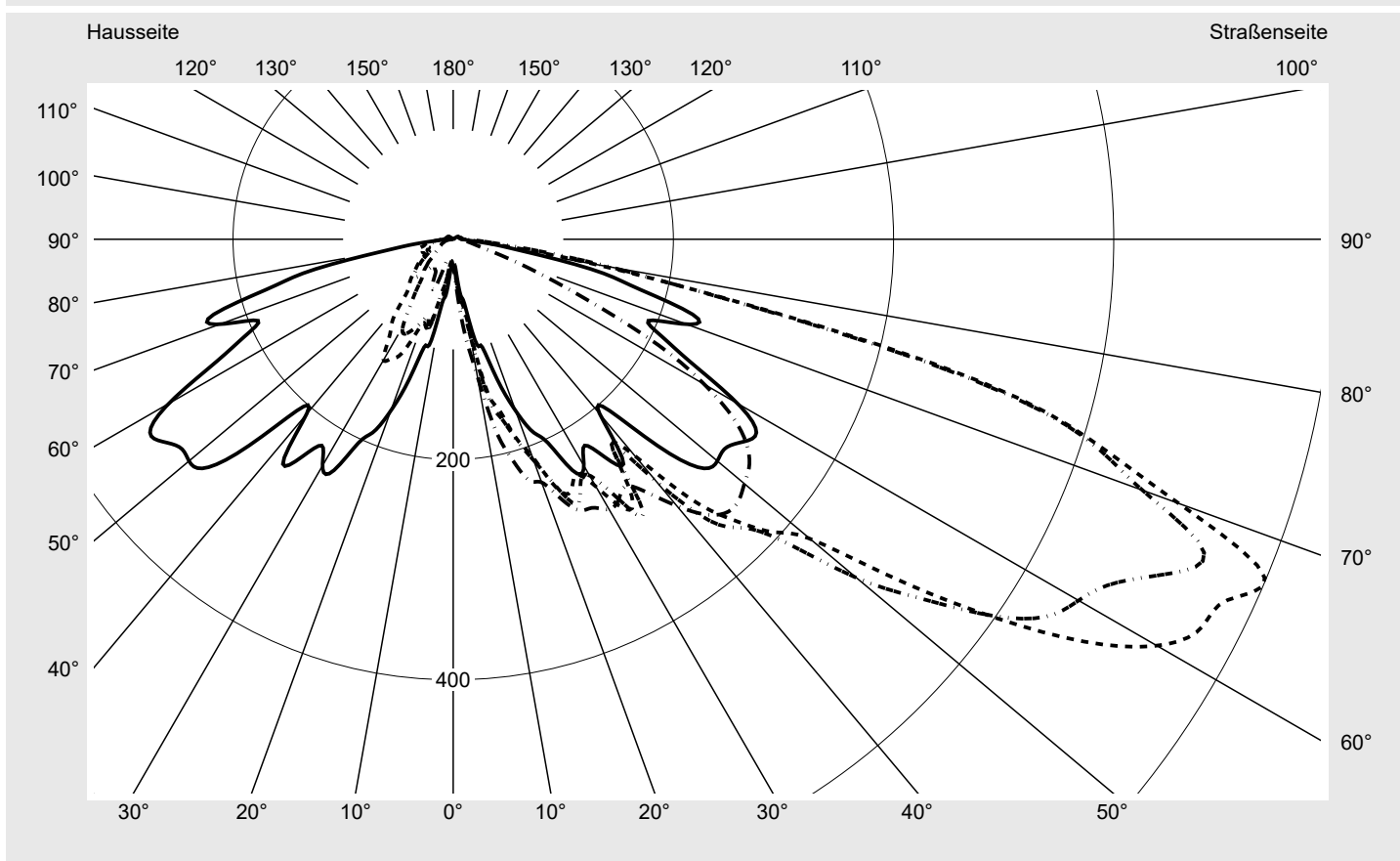
C180-0

C205-25

C210-30

C270-90

Imax: **797 cd/klm**



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	97.8%
Eta 90° - 180°	2.2%

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	701.3
Imax 80°	144.7
Imax 90°	9.2
Imax >90°	8.3
Imax >95°	7.6

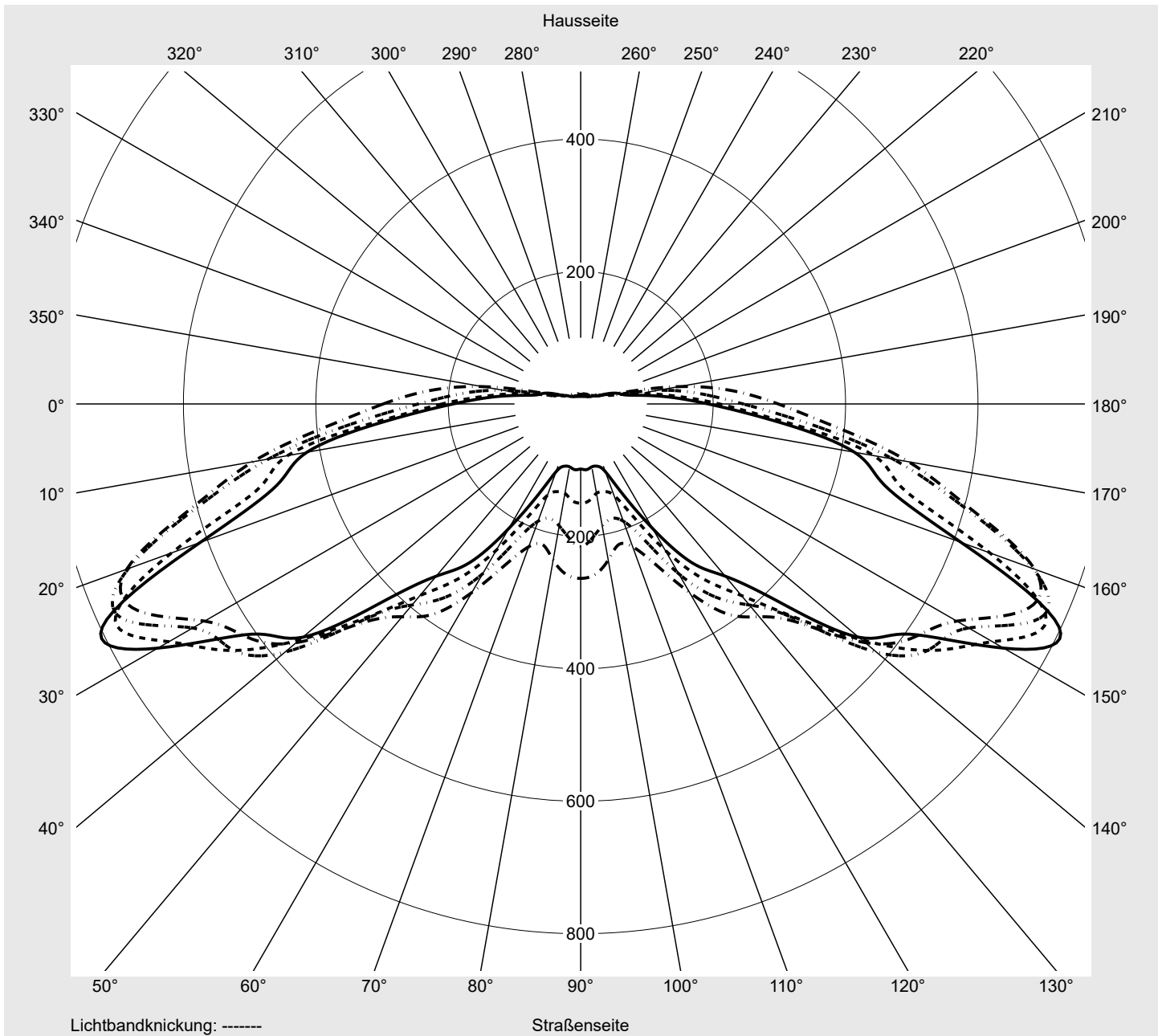
Messbedingungen

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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Familie LATERNE LED	Bestell-Nr.: 5XA5255EF14H EAN: 4058352635933	LP-Nummer 57121_31
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
2,5°	24.1	24.8	25.1	26.0	27.0	27.3	27.9	28.6	29.5	30.5	31.4	31.7	32.4
5,0°	28.9	30.8	32.7	35.9	39.0	41.6	43.5	45.7	47.6	49.5	51.1	52.7	54.3
7,5°	51.1	53.3	53.6	54.6	55.2	57.1	60.0	63.2	68.2	73.6	78.4	85.0	91.7
10,0°	60.6	61.6	64.4	66.3	70.5	77.4	88.2	102.5	116.1	127.9	129.2	127.9	127.6
12,5°	96.8	90.8	99.6	112.3	133.0	140.3	147.2	156.5	153.3	157.4	149.2	149.2	149.8
15,0°	100.9	109.8	137.7	143.4	152.6	159.6	167.9	167.9	186.9	197.4	185.0	191.7	185.6
17,5°	134.2	153.6	164.7	165.3	174.2	188.8	191.0	194.2	206.0	206.9	213.3	212.9	206.3
20,0°	165.7	182.8	199.6	208.8	212.6	209.8	213.6	206.6	203.1	213.6	219.6	219.0	217.1
22,5°	189.5	213.3	226.6	239.3	241.8	243.7	241.5	234.5	217.1	219.0	225.0	240.2	245.3
25,0°	204.4	227.9	245.9	256.4	252.9	252.6	265.6	262.1	246.3	237.7	231.7	247.2	262.4
27,5°	238.0	238.6	255.8	253.2	249.8	241.2	250.4	266.9	273.6	267.8	258.6	258.6	271.6
30,0°	237.4	255.8	264.0	272.9	265.9	259.3	247.5	263.1	279.6	297.7	292.0	283.4	285.0
32,5°	222.1	245.0	245.3	265.9	280.2	290.4	279.9	289.1	299.6	312.6	329.1	316.7	292.3
35,0°	242.8	253.6	265.3	276.1	278.6	281.5	300.5	296.4	289.7	297.7	320.5	320.5	302.4
37,5°	253.6	265.6	260.2	268.5	255.1	237.1	235.8	273.9	312.9	311.0	309.1	324.6	330.0
40,0°	207.2	208.2	208.2	216.4	242.5	256.7	287.5	296.4	315.1	337.7	340.5	359.2	363.7
42,5°	212.6	227.2	255.1	269.7	290.7	320.5	348.1	357.0	356.1	381.4	386.5	378.6	378.3
45,0°	270.4	284.3	318.6	332.6	352.6	360.8	370.3	391.9	402.4	396.0	413.2	395.4	389.4
47,5°	307.8	328.8	379.9	402.7	408.4	393.5	404.9	423.7	440.2	429.7	425.6	419.2	405.2
50,0°	313.2	338.0	438.3	433.2	461.1	423.0	478.2	484.9	464.6	448.1	454.8	435.4	409.1
52,5°	311.6	339.9	423.3	456.3	513.5	506.2	536.0	543.0	491.9	460.5	457.3	441.7	402.4
55,0°	320.8	357.6	431.9	503.0	587.1	597.2	595.3	574.1	517.0	464.6	456.0	439.5	383.4
57,5°	326.5	388.1	470.3	564.2	670.9	680.1	637.9	587.4	539.5	472.2	441.7	421.1	364.0
60,0°	298.3	383.4	503.0	608.7	729.6	738.1	656.0	614.4	560.7	467.8	419.5	387.5	328.8
62,5°	245.3	347.5	478.9	597.9	727.0	765.4	676.6	644.8	583.3	459.2	396.4	356.4	296.1
65,0°	209.4	308.8	449.7	507.8	657.5	775.6	718.2	649.0	554.4	454.8	377.6	322.4	255.1
67,5°	192.6	294.2	419.8	475.4	611.5	797.2	737.5	606.1	548.1	421.8	339.6	292.6	217.1
70,0°	225.6	327.8	433.5	483.3	562.3	701.3	666.1	563.3	477.3	377.3	306.6	260.5	181.8
72,5°	229.1	332.3	404.3	464.0	541.4	608.4	603.3	493.8	378.0	304.7	241.8	208.8	148.2
75,0°	174.9	292.3	363.0	400.5	472.2	488.7	479.8	346.2	253.2	212.3	198.3	182.2	132.0
77,5°	134.6	194.2	216.1	257.4	281.8	272.0	264.3	188.2	158.0	152.3	156.5	154.5	113.9
80,0°	71.4	82.5	104.4	137.4	131.1	131.1	144.7	127.3	103.5	74.9	66.0	75.5	46.3
82,5°	39.7	42.5	47.0	72.4	58.7	48.6	71.1	86.6	69.2	47.3	30.8	21.9	16.2
85,0°	16.8	17.8	17.8	21.3	15.6	21.6	34.6	40.6	26.7	19.4	13.6	12.7	11.4
87,5°	11.7	11.7	11.4	12.1	12.7	15.6	19.0	15.6	16.2	13.3	10.8	10.2	9.8
90,0°	7.6	7.9	8.3	8.6	8.9	8.9	9.2	9.2	8.9	8.9	8.9	8.9	8.3
92,5°	7.3	7.6	7.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
95,0°	7.0	7.3	7.6	7.6	7.9	8.3	7.6	7.6	7.6	7.9	7.6	7.9	7.9
97,5°	7.0	7.0	7.0	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
100,0°	6.3	6.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.6
102,5°	5.7	6.3	6.3	6.3	6.3	6.3	6.3	6.7	7.0	7.0	7.0	7.0	7.0
105,0°	5.7	5.7	5.7	6.0	6.0	6.3	6.3	6.3	6.3	6.3	6.3	6.7	6.7
107,5°	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.3	6.3	6.3	6.3	6.3
110,0°	5.7	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.3	6.3	6.3	6.3
112,5°	5.1	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.3	6.3

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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°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
2,5°	32.4	32.7	33.3	33.0	33.3	33.0	23.8	23.8	23.5	22.8	23.2	23.2	22.5
5,0°	55.2	56.2	56.8	57.4	58.1	58.4	27.3	26.0	25.1	24.1	23.5	23.5	23.2
7,5°	94.9	96.8	95.8	92.7	92.3	92.7	47.6	40.9	34.9	29.2	25.7	23.5	22.8
10,0°	131.4	128.2	127.9	124.4	125.0	125.7	56.2	60.9	55.5	54.6	48.9	40.9	31.1
12,5°	157.1	165.0	166.9	176.4	178.0	177.1	86.3	76.5	60.0	57.1	54.3	52.7	52.7
15,0°	189.1	193.3	199.6	202.1	204.7	206.9	87.6	81.9	86.0	67.3	79.3	82.2	67.3
17,5°	207.9	212.3	216.7	221.2	226.6	229.8	119.6	103.1	86.0	78.1	83.1	74.6	64.7
20,0°	217.7	218.3	225.0	232.3	232.0	234.8	161.5	141.2	117.1	104.4	81.6	77.4	67.3
22,5°	243.1	242.5	245.6	252.3	255.8	254.5	159.6	153.0	139.9	120.3	100.0	85.7	68.9
25,0°	262.4	262.4	266.3	271.0	272.0	271.6	180.3	163.8	142.8	127.9	117.1	92.3	79.7
27,5°	284.0	283.4	276.1	276.4	275.1	274.8	225.3	186.3	158.4	142.8	122.2	96.8	70.1
30,0°	296.4	286.9	275.1	277.7	280.2	283.1	231.3	195.8	167.6	143.1	126.6	91.4	65.7
32,5°	300.8	294.2	280.9	276.1	279.3	279.9	213.9	191.7	164.4	141.9	110.4	74.3	51.1
35,0°	292.9	303.4	292.6	283.1	276.7	273.6	231.7	184.4	151.4	129.2	98.4	61.2	44.7
37,5°	325.0	321.5	299.6	288.1	288.8	290.1	247.5	196.1	155.8	129.5	88.2	49.8	43.8
40,0°	343.1	327.5	303.1	304.7	312.3	316.1	196.1	163.8	136.8	111.7	69.5	43.2	41.6
42,5°	354.2	334.2	321.2	328.5	334.5	338.9	191.7	160.9	117.1	103.8	59.7	45.4	40.0
45,0°	378.9	349.7	339.9	343.7	348.8	351.0	268.8	200.6	152.6	108.2	55.9	48.6	42.8
47,5°	387.8	354.2	346.2	347.8	350.3	351.6	296.4	221.8	171.7	101.2	51.4	48.2	43.2
50,0°	382.4	344.0	339.2	342.7	345.0	345.3	307.2	226.3	177.7	79.0	46.3	44.4	39.7
52,5°	358.0	321.8	322.1	330.7	337.0	338.9	302.7	223.1	164.1	61.9	42.2	39.0	35.9
55,0°	329.4	294.2	298.0	309.1	320.8	325.6	298.6	211.7	147.9	48.6	38.7	35.2	31.4
57,5°	297.7	263.1	265.3	279.9	294.8	301.5	280.9	190.4	103.5	43.5	34.3	30.8	28.6
60,0°	267.2	229.4	220.2	239.3	258.0	263.4	229.8	150.7	68.2	41.6	30.5	27.0	25.4
62,5°	225.3	188.5	179.3	186.9	203.1	215.2	180.3	118.1	52.0	38.4	29.2	24.4	22.2
65,0°	187.6	146.9	137.1	137.1	146.6	149.8	140.6	90.4	51.7	39.7	29.5	25.1	20.6
67,5°	150.4	108.8	97.4	96.5	99.6	98.4	127.6	76.2	60.3	46.3	30.1	25.4	20.0
70,0°	122.5	82.5	58.7	59.0	60.6	62.2	146.6	81.2	65.4	43.8	29.8	23.5	18.7
72,5°	94.9	65.1	39.7	35.5	35.2	36.8	136.1	80.6	60.6	37.4	31.7	23.2	18.4
75,0°	71.4	38.7	28.9	25.1	23.8	23.5	86.3	63.8	52.0	34.3	32.1	23.8	18.7
77,5°	50.8	24.4	20.6	18.4	17.8	17.8	68.9	48.2	42.5	34.3	27.3	22.8	18.4
80,0°	20.6	16.2	14.9	14.3	14.0	14.0	49.2	41.6	36.5	31.1	25.7	21.6	16.8
82,5°	13.0	11.7	11.4	11.1	11.4	11.4	29.5	28.9	26.0	21.6	20.0	17.1	14.0
85,0°	10.8	10.2	9.8	10.2	10.2	10.2	14.9	16.2	19.4	18.7	16.8	14.3	12.1
87,5°	9.2	8.9	8.9	8.9	9.2	8.9	11.7	12.7	14.3	12.4	10.8	9.8	8.9
90,0°	8.3	8.3	8.3	8.3	8.3	8.3	7.3	6.7	6.7	6.0	5.7	5.4	5.4
92,5°	8.3	8.3	8.3	8.3	8.3	8.3	7.0	6.3	6.0	5.7	5.4	5.4	5.1
95,0°	7.9	7.9	7.6	7.6	7.6	7.6	6.7	6.3	6.0	5.7	5.4	5.1	5.1
97,5°	7.6	7.6	7.6	7.6	7.6	7.6	6.3	6.3	5.7	5.4	5.4	5.1	4.8
100,0°	7.0	7.3	7.3	7.0	7.3	7.0	6.3	5.7	5.7	5.1	5.1	4.8	4.4
102,5°	7.0	7.0	7.0	7.0	7.0	7.0	5.7	5.7	5.1	5.1	4.8	4.4	4.4
105,0°	6.7	7.0	7.0	6.7	7.0	6.3	5.7	5.1	5.1	4.8	4.4	4.4	4.4
107,5°	6.3	6.3	6.3	6.3	6.3	6.3	5.1	5.1	5.1	4.8	4.4	4.4	4.1
110,0°	6.3	6.3	6.3	6.3	6.3	5.7	5.1	5.1	5.1	4.4	4.4	4.4	3.8
112,5°	6.3	6.3	6.3	6.3	5.7	3.2	5.1	5.1	5.1	4.4	4.4	4.4	4.1

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		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°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	0.0	0.0
2,5°	22.5	22.2	21.6	20.9	20.9	20.9	20.6	20.6	20.9	20.6	20.9	0.3	0.3
5,0°	22.8	22.5	21.6	21.3	20.6	20.3	20.0	20.0	19.7	19.4	19.7	0.8	1.2
7,5°	22.5	22.5	21.6	20.9	20.6	20.3	20.0	20.0	19.7	19.4	19.7	1.8	3.0
10,0°	24.8	23.2	22.5	22.2	20.6	19.7	19.4	19.4	19.0	18.7	18.4	3.3	6.3
12,5°	50.1	42.2	31.1	22.8	22.2	22.2	21.9	19.4	18.4	18.7	18.4	5.6	11.8
15,0°	58.4	52.7	49.8	46.0	37.1	26.7	26.0	25.1	21.3	20.3	19.7	8.1	19.9
17,5°	59.0	47.9	44.7	44.4	45.1	42.5	37.8	32.4	26.0	24.8	23.5	10.6	30.6
20,0°	54.9	43.8	40.3	39.0	38.7	39.7	38.7	38.7	36.8	40.9	43.8	13.3	43.8
22,5°	52.0	39.4	37.1	36.2	36.5	36.5	38.4	40.0	45.7	45.7	48.9	16.3	60.2
25,0°	54.9	39.4	35.5	35.2	34.9	36.5	42.2	44.7	45.7	43.2	43.8	19.3	79.5
27,5°	52.7	41.9	38.7	37.4	38.1	38.4	39.4	41.9	41.3	39.7	34.9	22.1	101.6
30,0°	49.8	47.6	43.8	42.5	40.0	38.7	39.7	38.1	36.2	34.6	32.4	24.8	126.4
32,5°	50.5	49.2	47.3	47.0	43.5	39.7	38.1	35.2	32.7	31.7	31.1	27.1	153.4
35,0°	45.7	47.9	47.9	49.2	47.0	44.4	39.4	35.5	30.5	28.9	29.2	29.0	182.4
37,5°	42.8	43.8	47.3	49.5	49.2	45.1	41.6	38.1	34.3	30.5	30.5	30.8	213.3
40,0°	40.9	40.3	39.4	43.2	44.1	43.8	43.5	42.2	39.7	37.1	36.2	32.2	245.5
42,5°	37.4	36.8	35.5	34.0	35.5	38.4	38.7	40.0	40.9	39.7	39.4	36.6	282.1
45,0°	36.8	33.6	32.1	31.7	31.1	31.4	33.0	35.2	34.3	34.9	34.3	42.2	324.4
47,5°	36.8	32.1	29.8	28.6	28.2	27.6	28.2	28.2	27.9	29.2	29.8	47.0	371.4
50,0°	35.2	30.8	27.9	26.0	24.8	24.8	24.4	24.8	24.8	23.2	22.8	50.8	422.2
52,5°	32.4	29.2	26.3	24.1	22.8	21.6	20.6	20.6	20.3	20.6	20.3	53.4	475.6
55,0°	28.9	26.0	23.8	22.2	20.6	20.0	18.7	18.4	17.8	17.8	17.8	56.0	531.6
57,5°	25.7	22.8	20.9	19.7	19.0	18.7	17.5	17.1	15.9	15.6	15.2	58.0	589.6
60,0°	22.5	20.0	18.1	17.5	17.1	16.5	16.2	15.9	14.9	14.6	14.6	58.0	647.6
62,5°	20.0	17.8	16.5	15.9	15.2	14.9	14.3	14.3	13.3	13.6	13.3	56.0	703.6
65,0°	18.1	16.2	15.2	14.9	14.3	13.6	13.3	13.3	12.4	12.4	12.1	52.6	756.1
67,5°	17.5	15.6	14.6	13.6	13.0	12.4	12.1	12.1	11.4	11.4	11.4	49.8	806.0
70,0°	16.8	14.6	13.6	13.0	12.4	11.4	11.1	10.8	10.5	10.2	10.2	46.7	852.6
72,5°	15.6	14.0	12.7	11.7	11.1	10.5	10.2	9.8	9.5	9.5	8.9	41.8	894.4
75,0°	15.2	13.0	11.4	10.5	10.2	9.5	8.9	8.9	8.3	8.3	8.3	33.9	928.3
77,5°	14.6	12.4	10.2	9.2	8.6	8.3	7.6	7.6	7.3	7.3	7.0	22.6	951.0
80,0°	14.0	11.1	8.6	7.9	7.3	6.7	6.3	5.7	5.7	5.7	5.7	12.7	963.6
82,5°	12.1	9.5	7.3	6.7	6.0	5.4	5.1	4.8	4.4	4.4	4.4	7.1	970.7
85,0°	9.8	7.9	6.3	5.4	5.1	4.4	4.4	3.8	3.8	3.8	3.8	3.8	974.5
87,5°	7.3	6.7	5.4	4.8	4.4	3.8	3.5	3.5	3.2	3.2	3.2	2.6	977.1
90,0°	4.8	4.4	4.1	4.1	3.8	3.5	3.2	3.2	3.2	2.9	2.5	1.8	979.0
92,5°	4.8	4.4	4.4	4.1	3.8	3.8	3.2	3.2	3.2	3.2	3.2	1.8	980.7
95,0°	4.8	4.4	4.4	4.1	3.8	3.8	3.5	3.2	3.2	3.2	3.2	1.7	982.4
97,5°	4.4	4.4	4.1	3.8	3.8	3.8	3.5	3.2	3.2	3.2	3.2	1.6	984.0
100,0°	4.4	4.1	4.1	3.8	3.8	3.8	3.2	3.2	3.2	3.2	3.2	1.5	985.6
102,5°	4.1	3.8	3.8	3.8	3.5	3.2	3.2	3.2	2.9	2.9	2.5	1.4	987.0
105,0°	3.8	3.8	3.8	3.5	3.2	3.2	3.2	2.9	2.9	2.5	2.5	1.4	988.4
107,5°	3.8	3.8	3.8	3.5	3.2	3.2	3.2	2.9	2.9	2.5	2.5	1.3	989.7
110,0°	3.8	3.8	3.8	3.5	3.2	3.2	3.2	3.2	2.9	2.5	2.5	1.3	991.0
112,5°	3.8	3.8	3.8	3.5	3.2	3.2	3.2	3.2	2.9	2.5	1.9	1.2	992.2

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255EF14H EAN: 4058352635933	LP-Nummer 57121_31
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												
115,0°	5.1	5.1	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.3
117,5°	5.1	5.1	5.1	5.1	5.4	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7
120,0°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.7	5.7	5.7	5.7	5.7
122,5°	4.4	4.4	4.4	4.4	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.7
125,0°	3.8	3.8	3.8	3.8	4.1	3.8	4.1	4.4	4.4	4.4	4.4	4.4	4.4
127,5°	2.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
130,0°	2.5	2.5	2.2	2.2	2.2	2.2	2.5	1.9	1.9	2.2	1.9	2.2	2.2
132,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
135,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.9	1.9
137,5°	1.9	1.6	1.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	1.0	1.0	0.6	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150,0°	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
165,0°	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
180,0°	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

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255EF14H EAN: 4058352635933	LP-Nummer 57121_31
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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												
115,0°	6.3	6.3	6.3	6.3	5.1	2.5	5.1	5.1	4.4	4.4	4.4	4.4	4.1
117,5°	6.0	6.0	6.0	6.3	4.8	2.5	5.1	5.1	4.4	4.4	4.4	4.1	3.8
120,0°	5.7	5.7	5.7	5.7	3.8	1.9	4.4	4.4	4.4	4.4	4.4	3.8	3.8
122,5°	5.7	5.7	5.7	5.7	3.5	1.9	4.4	4.4	4.1	3.8	3.8	3.8	3.5
125,0°	4.4	4.4	4.4	4.4	3.2	1.9	3.8	3.8	3.5	3.2	3.2	3.2	3.2
127,5°	3.5	3.5	3.5	3.2	1.9	1.3	3.2	2.5	2.5	2.5	2.5	2.5	2.5
130,0°	2.5	2.5	2.5	1.9	1.3	1.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5
132,5°	1.9	1.9	1.9	1.9	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
135,0°	1.9	1.9	1.9	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
137,5°	1.3	1.3	1.3	1.3	0.6	0.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9
140,0°	1.3	1.3	1.0	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.0	1.3	1.0
150,0°	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
165,0°	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
180,0°	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

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	
115,0°	3.8	3.8	3.8	3.5	3.5	3.2	3.2	3.2	3.2	2.5	1.9	1.2	993.4
117,5°	3.8	3.8	3.5	3.5	3.5	3.2	3.2	2.9	2.9	2.2	1.9	1.1	994.5
120,0°	3.8	3.8	3.5	3.2	3.2	3.2	3.2	2.5	2.5	1.9	1.9	1.0	995.6
122,5°	3.5	3.2	3.2	3.2	2.9	2.9	2.5	2.5	2.5	1.9	1.9	1.0	996.5
125,0°	3.2	3.2	2.9	2.5	2.5	2.5	2.5	2.5	1.9	1.9	1.9	0.8	997.3
127,5°	2.5	2.5	2.5	2.5	2.5	2.2	1.9	1.9	1.9	1.6	1.9	0.6	997.9
130,0°	2.5	2.5	1.9	2.2	1.9	1.9	1.9	1.9	1.9	1.6	1.9	0.5	998.3
132,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.9	0.4	998.7
135,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.3	1.3	0.4	999.1
137,5°	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.3	1.3	1.3	1.3	0.3	999.4
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.6
142,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.7
145,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	999.9
147,5°	1.3	1.0	1.0	1.3	1.3	1.3	1.0	1.3	1.0	1.3	0.6	0.1	1000.0
150,0°	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
165,0°	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
180,0°	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 LATERNE LED	Bestell-Nr.: 5XA5255EF14H EAN: 4058352635933	LP-Nummer 57121_31
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°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	1540	10.5	10.8	10.6
95	241	252	1461	10.0	10.3	10.2
90	229	250	1388	9.4	9.8	9.6
85	216	248	1310	8.9	9.2	9.0
80	203	246	1231	8.3	8.7	8.5
75	190	243	1152	7.8	8.1	8.0
70	178	241	1079	7.3	7.6	7.4
65	165	238	1000	6.9	7.1	7.0
60	152	235	922	6.4	6.6	6.5
55	140	232	849	5.9	6.1	6.0
50	127	229	770	5.4	5.6	5.5
45	114	225	691	5.0	5.2	5.1
40	102	221	618	4.6	4.7	4.6
35	89	216	540	4.1	4.3	4.2
30	76	210	461	3.7	3.8	3.8
28	72	208	437	3.5	3.7	3.6