

Lichttechnischer Prüfbefund

Familie
LATERNE LED



Bestell-Nr.: **5XA5255AF14H + 5XA54000XBL**
EAN: **4058352833384 + 4050737971421**

LP-Nummer
59068_19

Ausführung Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2200 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1530 lm
Systemleistung = 12.9 W
Lichtausbeute = 118.6 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

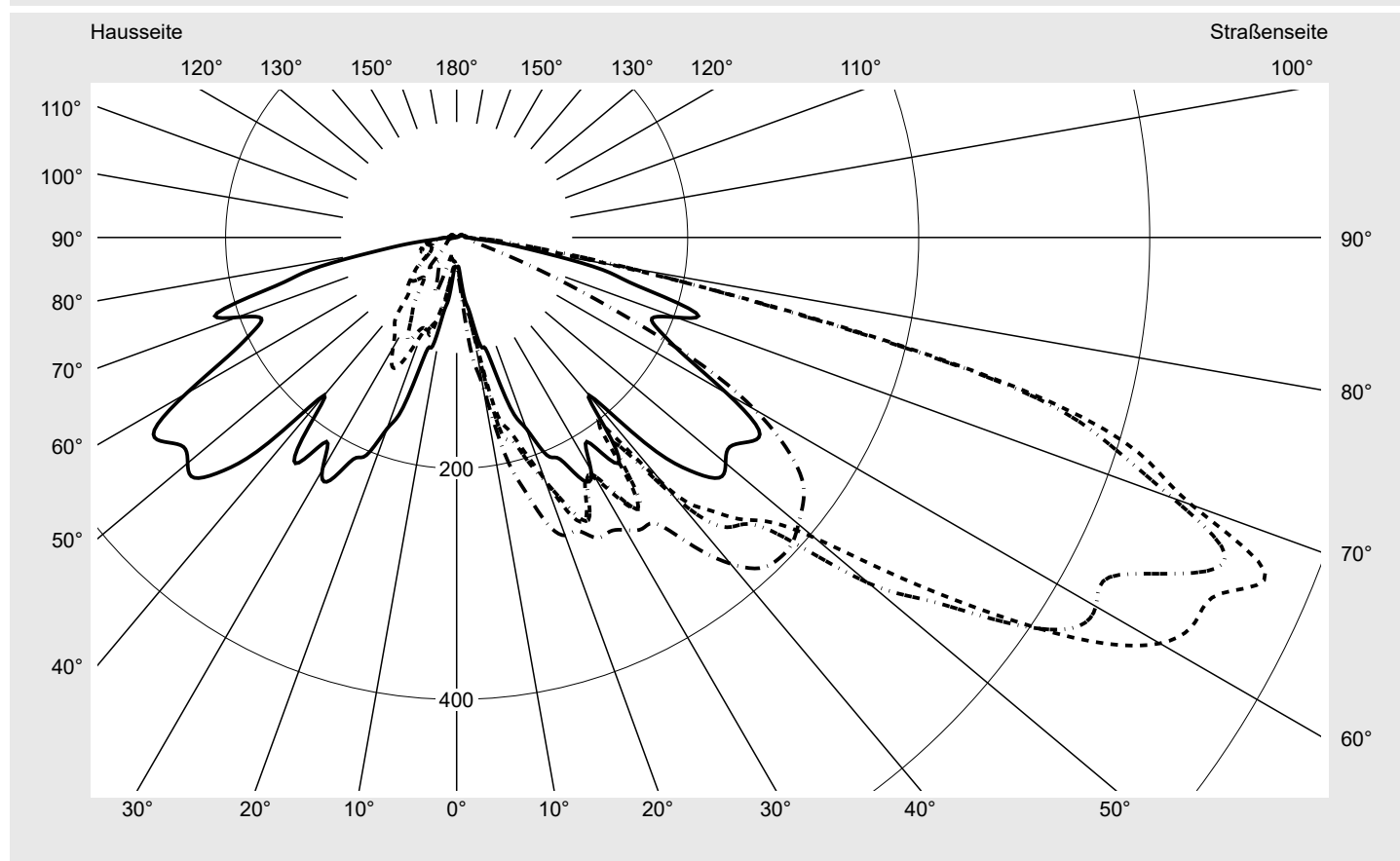
C180-0

C205-25

C210-30

C270-90

Imax: 758 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	97.9%
Eta 90° - 180°	2.1%

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	677.1
Imax 80°	149.8
Imax 90°	9.5
Imax >90°	9.0
Imax >95°	8.2

Messbedingungen

DIN EN 13032 und DIN 5032

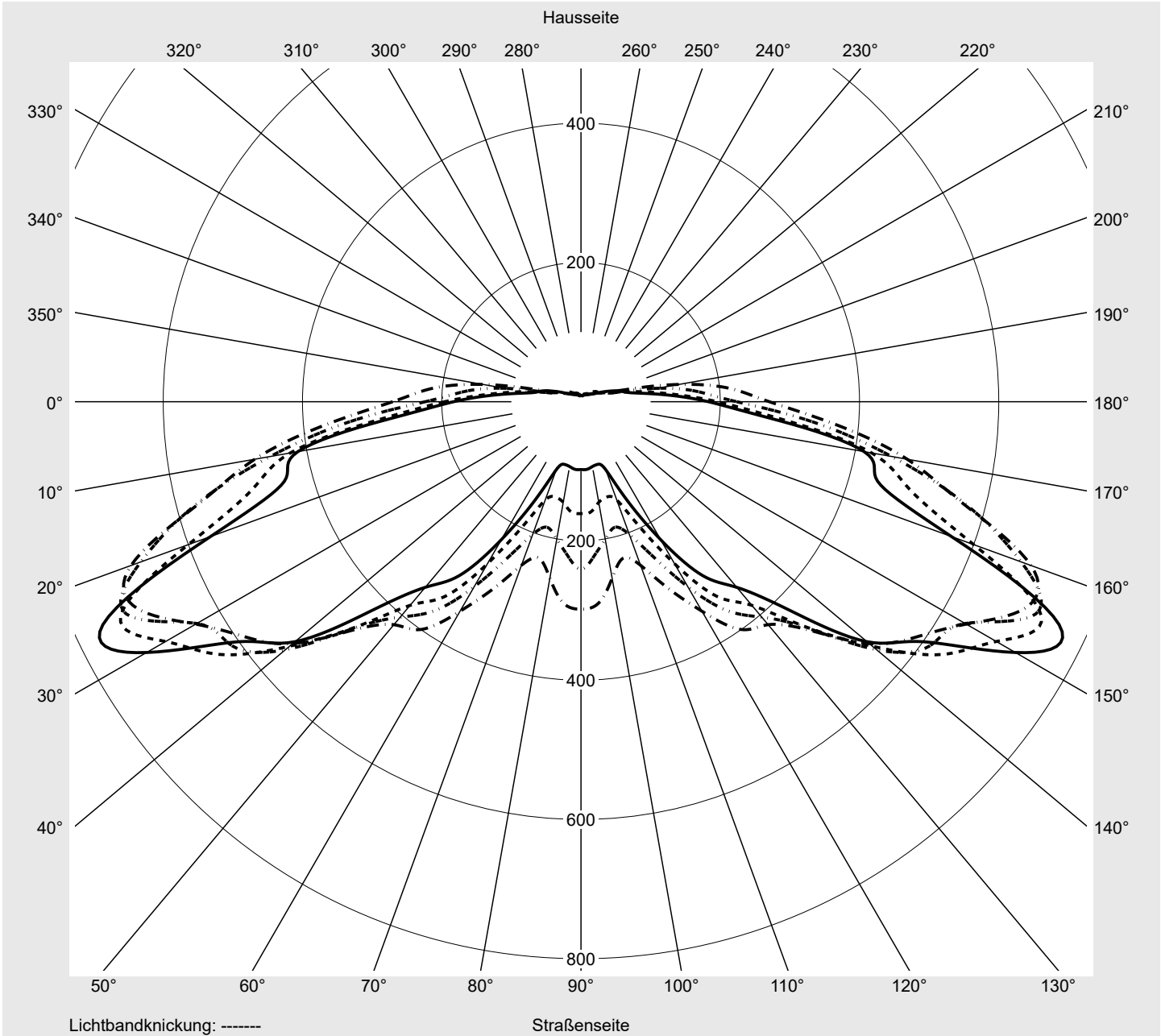
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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°**



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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke



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°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
2,5°	25.3	25.6	26.1	26.7	27.2	27.8	28.3	28.9	29.7	30.5	31.0	31.6	32.1
5,0°	30.5	32.1	34.0	36.2	37.9	40.0	41.4	43.9	46.0	48.2	49.8	50.9	52.0
7,5°	54.2	57.5	60.2	60.7	61.6	63.7	66.2	69.2	72.4	76.0	79.0	84.2	86.9
10,0°	67.0	70.5	72.2	72.2	76.0	79.5	85.8	93.4	103.8	113.3	121.5	125.0	127.5
12,5°	96.4	95.6	99.4	106.5	132.6	149.5	167.0	171.6	161.0	156.9	153.6	153.1	162.9
15,0°	103.2	118.5	138.4	162.9	172.1	171.9	180.8	179.8	191.5	189.0	195.6	194.5	194.5
17,5°	154.4	162.1	169.7	170.8	184.7	193.9	201.8	210.8	214.3	214.3	215.4	213.0	217.6
20,0°	176.2	189.8	211.6	214.9	218.7	223.6	225.0	221.4	218.4	221.7	234.0	234.2	230.7
22,5°	204.0	220.9	242.1	244.6	253.3	261.5	252.7	247.8	223.1	225.5	237.0	250.8	254.7
25,0°	211.9	237.8	244.9	254.9	262.8	265.8	269.9	259.3	247.0	229.9	228.5	249.2	275.4
27,5°	237.0	239.7	244.6	242.4	232.6	240.5	244.9	262.0	264.5	260.6	258.2	263.4	284.1
30,0°	232.6	238.0	240.2	251.1	257.1	241.6	238.0	255.5	277.8	288.7	284.9	284.3	298.0
32,5°	209.7	222.2	236.4	250.3	269.1	274.8	271.5	270.2	284.1	318.4	335.8	323.8	315.7
35,0°	238.0	236.4	243.5	242.9	248.9	266.4	275.4	276.7	275.4	281.3	307.8	318.1	309.1
37,5°	219.5	214.1	229.1	211.6	207.8	202.4	224.4	256.8	289.0	318.4	329.6	359.8	360.9
40,0°	178.4	180.3	198.3	223.3	264.2	280.8	292.8	302.6	333.1	352.7	353.5	372.6	393.8
42,5°	241.0	238.3	261.5	286.0	300.7	318.9	339.6	349.4	351.6	384.0	392.2	392.5	406.1
45,0°	285.4	283.8	315.7	334.7	344.0	344.5	351.1	382.9	394.4	410.2	431.7	415.6	426.2
47,5°	308.0	310.5	372.0	390.6	388.7	363.9	384.0	422.7	443.9	431.1	448.3	455.9	449.4
50,0°	304.0	314.3	419.2	408.0	461.4	404.7	466.0	491.1	456.7	445.9	466.0	467.6	445.9
52,5°	298.0	314.6	408.5	417.8	513.9	483.2	517.2	542.8	479.9	455.4	471.2	472.5	439.9
55,0°	308.6	331.5	404.5	463.3	566.5	569.2	581.5	569.2	511.5	465.7	468.5	463.6	418.3
57,5°	310.2	366.3	446.1	520.2	655.3	650.7	630.2	558.6	536.3	470.6	452.7	439.0	391.1
60,0°	270.5	364.7	475.8	569.5	687.7	703.0	639.0	588.8	540.4	464.1	418.1	399.3	347.5
62,5°	223.6	334.7	453.2	573.6	672.7	720.9	637.0	611.4	554.2	459.5	403.9	366.3	306.9
65,0°	195.8	289.5	424.1	489.4	600.3	729.6	688.8	633.0	546.4	457.8	381.8	341.8	268.5
67,5°	183.0	273.2	412.9	440.9	566.2	757.7	720.4	601.1	536.3	423.5	348.1	305.0	228.8
70,0°	202.1	301.8	413.7	435.8	523.5	677.1	659.4	560.8	481.5	388.1	314.0	267.5	185.7
72,5°	217.3	341.5	402.0	442.6	506.0	618.5	590.5	493.5	383.2	314.6	270.5	224.7	149.5
75,0°	162.6	293.9	362.0	378.0	438.0	502.0	493.5	366.3	268.8	207.8	200.5	180.3	126.4
77,5°	129.6	202.9	236.4	269.9	279.2	296.1	287.6	210.0	163.4	149.0	152.2	155.0	107.6
80,0°	77.1	89.1	105.9	147.6	147.1	138.1	149.8	137.5	117.7	85.2	72.7	76.3	48.8
82,5°	43.9	47.9	52.8	70.5	67.3	53.1	72.2	86.3	80.3	46.8	32.4	23.7	16.3
85,0°	18.5	22.1	23.2	26.1	20.4	25.9	41.7	47.4	31.3	21.2	14.4	12.8	12.0
87,5°	12.3	12.3	12.0	12.8	12.8	15.3	20.4	18.5	17.2	12.3	11.2	10.9	10.4
90,0°	7.9	8.2	8.7	9.0	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.3
92,5°	7.4	7.9	8.2	8.4	8.4	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0
95,0°	7.1	7.4	7.6	7.9	7.9	8.2	8.4	8.7	8.7	8.7	8.7	8.7	8.7
97,5°	6.8	7.1	7.1	7.4	7.6	7.6	7.9	7.9	8.2	8.2	8.2	8.2	8.2
100,0°	6.3	6.5	6.8	6.8	7.1	7.1	7.4	7.6	7.6	7.6	7.6	7.6	7.6
102,5°	6.0	6.3	6.3	6.5	6.5	6.5	6.8	7.1	7.1	7.1	7.1	7.1	7.1
105,0°	5.7	5.7	6.0	6.0	6.3	6.3	6.3	6.5	6.5	6.5	6.5	6.5	6.8
107,5°	5.4	5.7	5.7	5.7	6.0	6.0	6.0	6.0	6.3	6.5	6.5	6.5	6.5
110,0°	5.4	5.4	5.7	5.7	5.7	5.7	6.0	6.0	6.0	6.0	6.3	6.3	6.5
112,5°	5.2	5.4	5.4	5.4	5.7	5.7	6.0	6.0	6.0	6.0	6.3	6.3	6.3

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		

C-Ebenen γ	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°
Lichtstärke in cd/klm													
0,0°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
2,5°	32.7	33.0	33.2	33.5	33.5	33.8	25.1	24.5	24.2	24.2	24.0	24.0	23.7
5,0°	52.6	52.8	53.4	54.2	54.7	54.5	30.2	28.3	27.2	26.1	25.6	25.1	24.5
7,5°	90.4	95.6	98.3	99.7	100.8	104.0	48.8	44.4	38.7	34.3	31.6	29.7	28.1
10,0°	126.9	129.4	131.0	132.9	132.1	130.7	62.6	61.3	59.1	58.3	55.8	49.0	39.5
12,5°	168.3	175.9	180.6	184.1	188.2	191.2	84.2	79.3	71.4	62.6	65.4	70.5	60.5
15,0°	205.1	209.7	215.7	219.5	222.8	226.1	96.4	97.0	90.2	90.2	86.6	77.6	75.2
17,5°	222.5	234.0	241.9	251.1	257.7	259.3	127.5	109.8	98.0	89.9	83.1	83.9	84.2
20,0°	237.5	250.3	256.3	264.2	272.1	274.5	165.3	141.4	128.3	107.3	90.2	83.3	76.5
22,5°	253.8	257.4	274.3	276.4	273.4	275.1	175.1	165.3	142.7	132.6	109.5	89.1	68.4
25,0°	268.5	274.0	281.9	284.9	287.1	287.1	187.4	180.8	154.7	143.5	124.5	98.6	74.4
27,5°	291.2	294.1	292.0	292.0	286.5	287.1	206.4	184.9	159.9	144.9	122.0	89.1	66.5
30,0°	306.7	301.5	293.6	293.3	295.5	292.5	208.4	178.7	148.2	131.3	110.0	77.4	56.1
32,5°	326.8	319.5	303.1	297.1	298.5	299.0	193.4	163.7	143.5	124.7	99.7	68.9	47.1
35,0°	316.8	326.3	323.0	314.0	306.9	302.9	212.2	177.6	152.2	126.4	93.4	56.7	43.9
37,5°	353.2	356.8	332.5	324.1	332.0	337.2	224.7	166.1	151.4	133.2	85.2	47.1	42.8
40,0°	368.8	365.2	340.4	346.7	359.8	368.8	173.5	148.2	123.9	102.4	66.5	44.9	40.3
42,5°	388.1	374.8	359.2	370.1	381.3	388.4	211.4	161.5	138.4	103.2	61.8	49.0	43.0
45,0°	425.7	389.2	373.1	382.9	390.0	393.8	276.7	197.2	159.6	109.2	59.6	53.4	46.8
47,5°	434.7	386.7	376.4	383.2	391.4	393.3	291.7	218.2	165.6	94.2	54.5	52.8	46.8
50,0°	425.2	375.0	366.6	372.3	385.1	386.2	290.6	211.4	162.6	72.2	48.8	47.1	41.7
52,5°	394.9	353.2	351.3	359.2	377.2	378.0	282.4	211.4	149.3	56.7	44.1	41.4	36.5
55,0°	360.9	326.0	324.9	336.9	361.1	365.0	280.0	198.3	129.9	45.8	38.1	35.7	32.1
57,5°	328.5	287.1	284.6	304.8	331.2	337.7	264.5	176.8	94.8	43.3	32.4	30.8	28.3
60,0°	295.5	250.0	232.9	257.4	290.3	298.0	216.0	143.0	67.8	43.0	29.7	27.2	25.6
62,5°	245.7	202.9	186.8	200.7	221.7	240.2	168.0	110.9	50.9	39.5	28.9	25.1	22.9
65,0°	196.9	150.3	141.9	146.8	159.1	160.7	128.6	83.1	51.2	37.9	29.1	24.0	20.4
67,5°	155.5	104.0	93.1	94.5	97.5	97.5	117.9	73.8	59.1	44.7	32.7	23.4	19.1
70,0°	126.6	78.2	56.4	52.3	52.0	53.4	126.4	77.4	65.6	42.8	31.6	22.1	17.7
72,5°	95.1	67.0	37.0	28.6	27.2	27.8	124.2	76.8	60.7	39.8	31.6	22.3	17.2
75,0°	69.5	38.7	25.3	19.6	18.2	18.0	77.6	62.9	51.7	36.5	33.5	25.1	17.4
77,5°	51.5	23.2	18.0	15.3	14.7	14.7	66.2	49.6	43.0	33.0	28.1	22.6	17.4
80,0°	22.3	14.7	13.3	12.8	12.5	13.1	48.8	41.7	38.7	30.8	24.8	22.6	18.0
82,5°	13.1	11.7	11.4	11.4	11.4	11.4	32.4	30.8	30.2	23.4	20.7	17.7	13.9
85,0°	11.2	10.6	10.4	10.6	10.6	10.4	15.8	17.7	20.7	21.2	18.2	14.7	11.7
87,5°	10.1	9.8	9.8	9.8	9.8	9.8	11.7	13.1	14.4	14.4	13.3	10.9	9.3
90,0°	9.3	9.3	9.3	9.3	9.3	9.3	7.4	7.1	6.5	6.0	5.4	5.4	4.9
92,5°	9.0	8.7	8.7	8.7	8.7	8.7	7.1	6.8	6.3	6.0	5.4	4.9	4.9
95,0°	8.7	8.7	8.7	8.7	8.7	8.7	6.8	6.3	6.0	5.7	5.4	4.9	4.4
97,5°	8.2	8.2	8.2	8.2	8.2	8.2	6.5	6.3	5.7	5.4	4.9	4.9	4.4
100,0°	7.6	7.6	7.6	7.6	7.6	7.6	6.0	5.7	5.4	5.2	4.9	4.6	4.4
102,5°	7.1	7.1	7.1	7.1	7.1	7.1	5.7	5.4	5.2	4.9	4.6	4.4	4.4
105,0°	6.8	6.8	6.8	7.1	6.8	6.5	5.4	5.2	4.9	4.6	4.4	4.4	3.8
107,5°	6.5	6.5	6.5	6.5	6.5	6.0	5.2	5.2	4.9	4.6	4.4	4.1	3.8
110,0°	6.5	6.5	6.5	6.5	6.5	5.4	5.2	5.2	4.9	4.6	4.4	4.4	3.8
112,5°	6.5	6.5	6.5	6.5	5.7	3.3	5.2	4.9	4.9	4.6	4.4	4.1	3.8

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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°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	0.0	0.0
2,5°	23.4	23.2	23.2	22.6	22.6	22.6	22.6	22.6	22.3	22.1	22.3	0.3	0.4
5,0°	24.0	23.7	23.7	22.6	22.1	21.5	21.2	21.0	21.0	21.0	20.7	0.8	1.2
7,5°	27.5	25.6	24.5	23.4	22.6	21.8	21.2	21.0	20.7	20.4	20.7	1.9	3.1
10,0°	30.8	26.7	24.5	23.2	22.1	21.2	20.7	20.2	19.9	19.9	19.6	3.4	6.5
12,5°	60.2	52.3	38.7	28.3	24.2	21.2	20.4	19.6	19.3	18.8	18.5	5.9	12.4
15,0°	69.2	58.3	55.8	53.9	48.5	38.1	22.9	21.0	19.3	19.1	18.5	8.7	21.1
17,5°	61.8	51.2	45.8	44.9	45.2	46.0	45.8	41.1	29.7	22.9	21.2	11.4	32.5
20,0°	61.0	43.6	40.0	39.5	38.1	38.1	38.4	38.1	40.6	44.9	48.5	14.3	46.8
22,5°	49.6	39.5	36.8	35.7	35.4	34.9	37.3	37.3	41.9	47.1	47.4	17.2	63.9
25,0°	51.7	39.2	34.6	33.5	33.8	34.3	39.8	39.8	39.5	40.6	39.2	19.8	83.7
27,5°	49.0	39.8	36.5	35.7	34.9	36.5	39.5	37.9	33.8	34.3	34.9	21.9	105.7
30,0°	46.0	44.4	41.7	39.2	37.3	36.5	36.2	34.0	30.2	31.3	31.0	24.1	129.8
32,5°	46.8	46.3	45.5	43.3	38.9	35.1	32.1	31.0	28.3	28.3	28.3	26.6	156.4
35,0°	41.9	44.1	44.9	45.8	42.5	38.1	33.8	30.5	27.0	26.1	26.1	28.4	184.8
37,5°	41.9	41.1	42.5	42.8	40.3	38.4	35.7	33.2	29.4	27.0	26.1	30.3	215.1
40,0°	39.8	38.1	36.2	36.8	38.7	37.0	36.2	35.4	33.0	32.1	31.6	33.1	248.2
42,5°	37.0	33.5	32.4	30.5	29.4	30.0	31.9	31.9	33.0	34.6	34.3	38.3	286.5
45,0°	37.9	31.3	28.3	27.0	26.4	25.1	24.5	25.3	27.0	27.0	25.1	43.5	330.0
47,5°	38.7	31.3	26.4	24.2	23.2	22.3	21.8	20.7	20.2	18.5	18.5	47.8	377.8
50,0°	35.7	30.8	26.1	22.6	21.0	19.6	18.5	17.2	15.5	14.2	13.6	51.2	428.9
52,5°	31.9	27.8	24.2	21.2	19.6	18.0	15.8	14.4	12.5	12.5	12.5	53.6	482.5
55,0°	28.3	24.8	21.5	19.3	18.0	16.9	15.0	13.1	11.4	11.4	11.4	55.9	538.4
57,5°	25.1	21.8	18.8	17.2	16.1	15.3	13.9	12.0	10.9	10.9	10.9	57.6	596.0
60,0°	22.1	18.8	16.3	15.0	14.4	13.6	12.5	10.6	10.4	10.4	10.4	57.0	653.0
62,5°	19.3	16.3	14.4	13.9	13.1	12.5	11.4	9.8	9.3	9.3	9.3	54.6	707.6
65,0°	17.4	15.3	13.6	12.8	12.3	11.4	10.9	9.3	9.0	8.7	8.7	51.2	758.8
67,5°	16.3	14.4	13.1	12.0	11.4	10.4	9.8	8.7	8.7	8.7	8.7	48.4	807.2
70,0°	15.5	13.9	12.5	11.4	10.6	9.8	9.3	8.4	8.2	8.2	8.2	45.1	852.2
72,5°	14.4	12.5	11.4	10.9	9.8	9.3	8.4	7.9	7.6	7.6	7.6	41.4	893.6
75,0°	14.2	12.0	10.4	9.5	9.0	8.4	7.9	7.4	7.1	7.1	6.5	33.5	927.2
77,5°	13.1	11.2	9.3	8.2	7.6	7.4	6.8	6.5	6.3	6.0	6.0	23.1	950.3
80,0°	13.3	9.8	7.6	6.5	6.3	6.0	5.4	4.9	4.9	4.4	4.4	13.3	963.6
82,5°	11.7	8.7	6.5	5.4	4.9	4.9	4.4	3.8	3.8	3.3	3.3	7.4	971.1
85,0°	8.7	6.8	5.4	4.9	4.4	3.8	3.3	3.3	2.7	2.7	2.7	4.1	975.2
87,5°	7.4	6.0	4.9	4.1	3.8	3.3	2.7	2.7	2.7	2.2	2.7	2.7	977.9
90,0°	4.4	4.1	3.8	3.5	3.3	3.0	2.7	2.5	2.2	2.2	2.2	1.9	979.8
92,5°	4.4	4.1	3.8	3.5	3.3	2.7	2.7	2.5	2.2	2.2	2.2	1.8	981.6
95,0°	4.4	3.8	3.8	3.3	3.3	2.7	2.7	2.7	2.2	2.2	2.2	1.7	983.3
97,5°	4.4	3.8	3.8	3.3	3.3	2.7	2.7	2.7	2.2	2.2	2.2	1.6	984.9
100,0°	4.1	3.8	3.8	3.3	3.3	2.7	2.7	2.7	2.2	2.2	2.2	1.5	986.5
102,5°	3.8	3.8	3.5	3.3	3.3	2.7	2.7	2.7	2.2	2.2	2.2	1.4	987.9
105,0°	3.8	3.8	3.3	3.3	3.3	2.7	2.7	2.7	2.2	2.2	2.2	1.3	989.2
107,5°	3.8	3.8	3.3	3.3	3.3	2.7	2.7	2.7	2.5	2.2	2.2	1.3	990.5
110,0°	3.8	3.8	3.3	3.3	3.3	2.7	2.7	2.7	2.7	2.2	2.2	1.3	991.8
112,5°	3.8	3.8	3.3	3.3	3.3	2.7	2.7	2.7	2.7	2.2	1.6	1.2	993.0

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255AF14H + 5XA54000XBL EAN: 4058352833384 + 4050737971421	LP-Nummer 59068_19
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°	5.2	5.2	5.4	5.4	5.7	5.7	5.7	5.7	6.0	6.0	6.0	6.0	6.0
117,5°	5.2	5.2	5.2	5.4	5.4	5.4	5.4	5.7	5.7	5.7	6.0	6.0	6.0
120,0°	4.9	4.9	4.9	4.9	5.2	5.2	5.2	5.4	5.4	5.4	5.4	5.7	5.7
122,5°	4.4	4.4	4.4	4.6	4.6	4.6	4.9	4.9	4.9	4.9	4.9	4.9	5.2
125,0°	3.5	3.5	3.5	3.5	3.5	3.8	3.8	3.8	3.8	3.8	4.1	4.1	4.1
127,5°	2.5	2.7	2.5	2.7	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
130,0°	1.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
132,5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
135,0°	1.6	1.6	1.6	1.6	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
137,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.8	0.5	0.5	0.5	0.5	0.5
142,5°	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
145,0°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
147,5°	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
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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.: 5XA5255AF14H + 5XA54000XBL EAN: 4058352833384 + 4050737971421	LP-Nummer 59068_19
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°	210° 330°	215° 325°
γ	Lichtstärke in cd/klm												
115,0°	6.3	6.3	6.3	6.5	5.2	2.2	4.9	4.9	4.6	4.4	4.4	4.4	3.8
117,5°	6.0	6.0	6.0	6.0	4.4	2.2	4.9	4.9	4.6	4.4	4.4	4.1	3.8
120,0°	6.0	6.0	6.0	6.0	3.8	1.6	4.6	4.4	4.4	4.1	4.1	3.8	3.8
122,5°	5.2	5.4	5.4	5.4	3.3	1.6	4.1	4.1	3.8	3.8	3.8	3.5	3.3
125,0°	4.4	4.4	4.4	4.4	2.7	1.6	3.3	3.3	3.3	3.3	3.0	2.7	2.7
127,5°	2.7	2.7	2.7	2.7	1.6	1.1	2.5	2.5	2.5	2.2	2.5	2.2	2.2
130,0°	1.6	1.6	1.6	1.6	1.1	1.1	1.9	1.9	2.2	2.2	2.2	1.9	1.9
132,5°	1.4	1.6	1.6	1.1	1.1	0.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
135,0°	1.1	1.1	1.1	1.1	0.5	0.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
137,5°	1.1	1.1	1.1	0.5	0.5	0.5	1.1	1.4	1.4	1.4	1.4	1.4	1.6
140,0°	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.8	1.1	1.1	1.1	1.1	1.1	1.1
145,0°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	1.1	1.1	1.1
147,5°	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
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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.: 5XA5255AF14H + 5XA54000XBL EAN: 4058352833384 + 4050737971421	LP-Nummer 59068_19										
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	
115,0°	3.8	3.8	3.3	3.3	3.3	3.0	2.7	2.7	2.7	2.2	1.6	1.2	994.2
117,5°	3.8	3.5	3.3	3.3	3.3	2.7	2.7	2.7	2.7	2.2	1.6	1.1	995.3
120,0°	3.8	3.3	3.3	3.3	3.0	2.7	2.7	2.7	2.5	1.9	1.6	1.0	996.3
122,5°	3.3	3.3	2.7	2.7	2.7	2.7	2.5	2.2	2.2	1.6	1.6	0.9	997.2
125,0°	2.7	2.7	2.7	2.5	2.2	2.2	2.2	2.2	1.6	1.6	1.6	0.7	997.9
127,5°	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.6	1.6	1.6	1.6	0.5	998.4
130,0°	1.9	2.2	1.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.4	998.8
132,5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.3	999.1
135,0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1	1.1	0.3	999.4
137,5°	1.4	1.6	1.4	1.6	1.4	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.6
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.7
142,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	999.9
145,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	1000.0
147,5°	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
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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.: 5XA5255AF14H + 5XA54000XBL EAN: 4058352833384 + 4050737971421	LP-Nummer 59068_19
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	1530	12.9	13.3	13.1
95	241	252	1452	12.2	12.6	12.4
90	229	250	1379	11.5	11.9	11.7
85	216	248	1301	10.7	11.1	10.9
80	203	246	1223	10.1	10.5	10.3
75	190	243	1144	9.4	9.8	9.6
70	178	241	1072	8.9	9.1	9.0
65	165	238	994	8.2	8.4	8.3
60	152	235	916	7.6	7.8	7.7
55	140	232	843	7.0	7.2	7.1
50	127	229	765	6.4	6.6	6.5
45	114	225	687	5.8	6.0	5.9
40	102	221	614	5.3	5.4	5.4
35	89	216	536	4.8	4.9	4.8
30	76	210	458	4.3	4.3	4.3
25	63	203	379	3.7	3.8	3.8
24	60	201	361	3.5	3.7	3.6