

## Lichttechnischer Prüfbefund

Familie  
**LATERNE LED**



Bestell-Nr.: **5XA5255MF14H + 5XA54000XBL**  
EAN: **4058352833568 + 4050737971421**

LP-Nummer  
**59068\_23**

**Ausführung** Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig  
**Optik** asymmetrisch, breit strahlend (ST1.2a)  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 2700 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 1530 lm  
Systemleistung = 11.8 W  
Lichtausbeute = 129.7 lm/W

Seriendokumentation  
**04.11.2022**

siteco

Lichtstärke in cd/klm

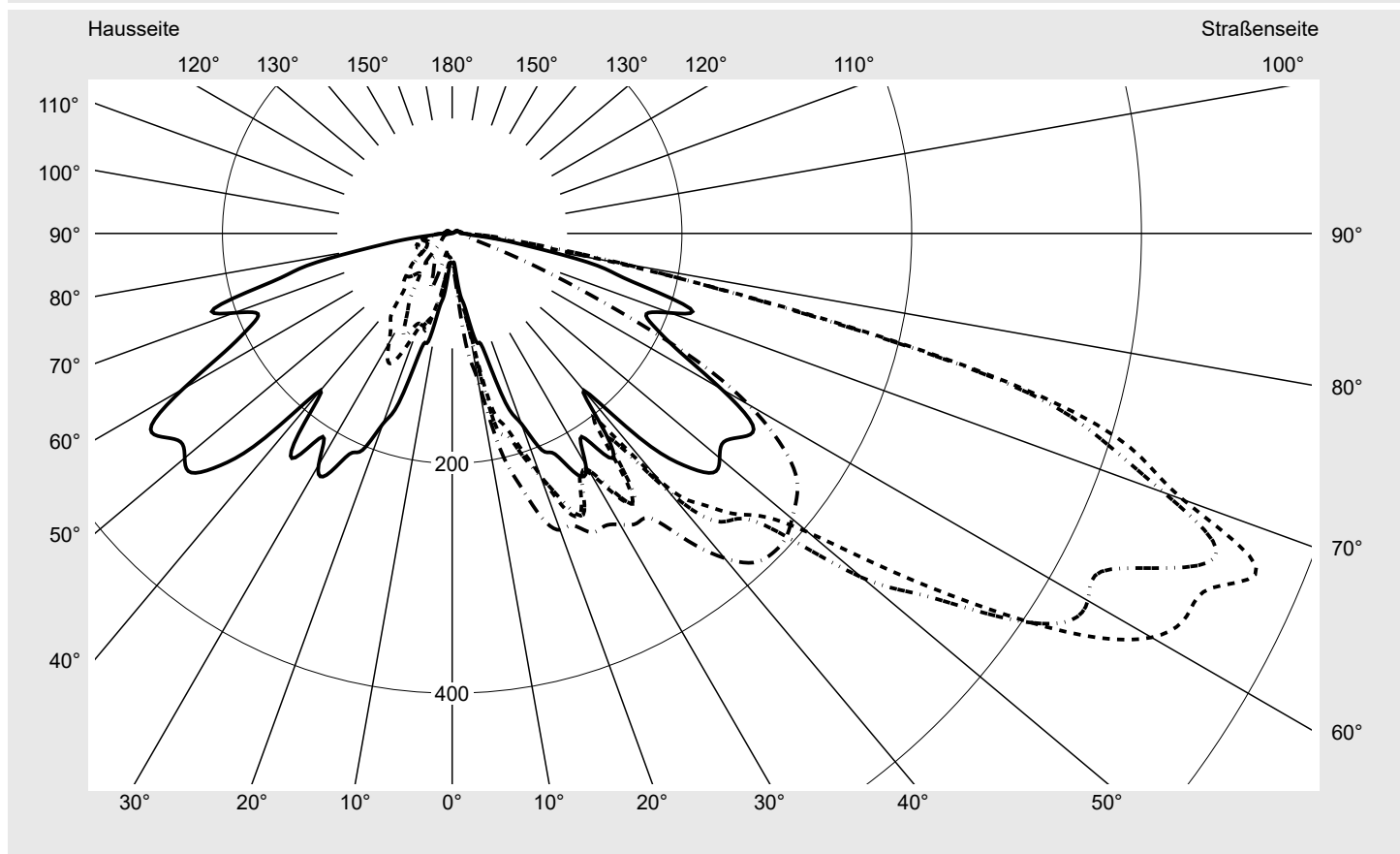
C180-0

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

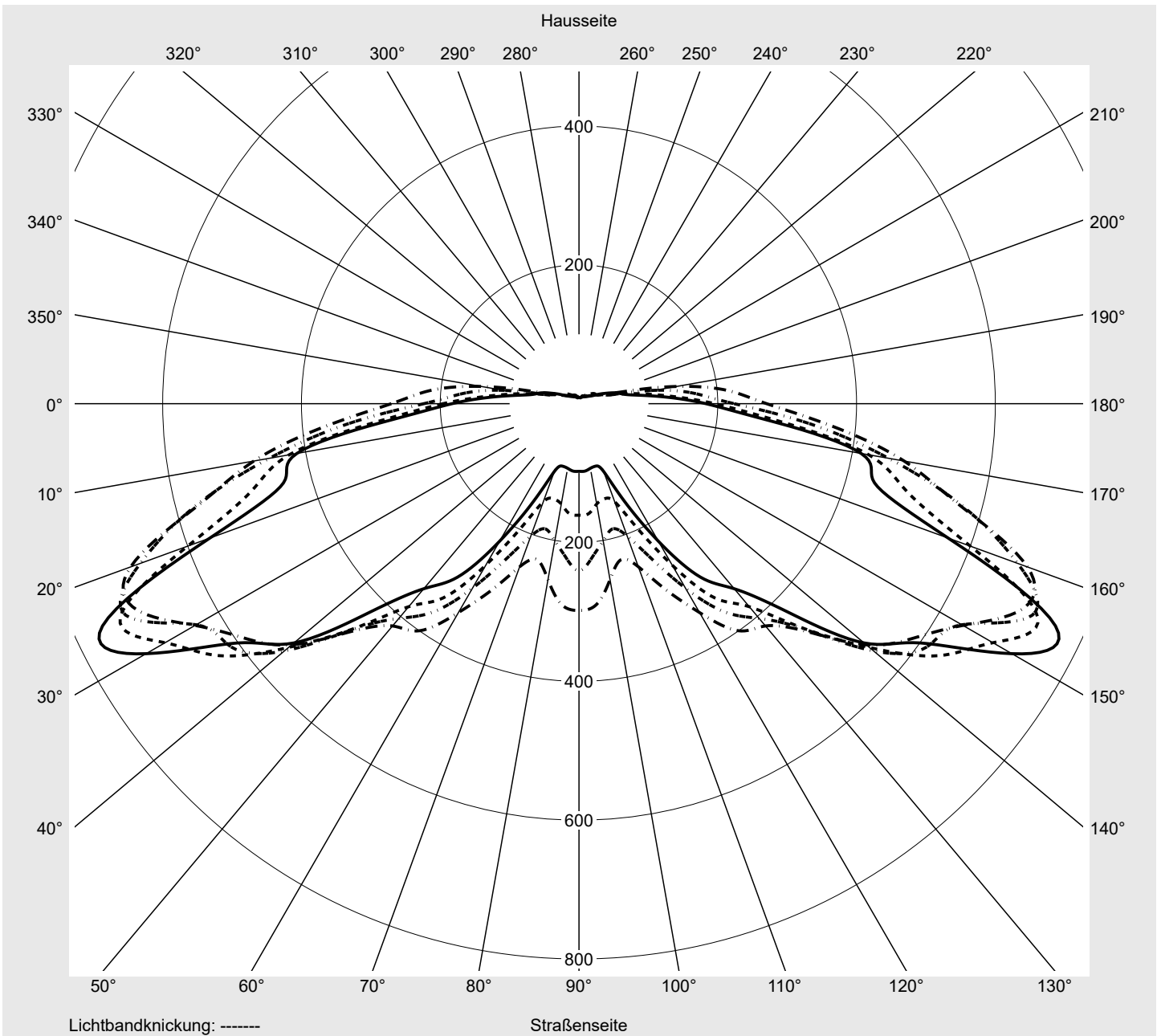
## Messbedingungen

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14H + 5XA54000XBL</b> <b>EAN: 4058352833568 + 4050737971421</b>	<b>LP-Nummer</b> <b>59068_23</b>
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**Kegelmantelkurven in cd/klm**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **siteco**



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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	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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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14H + 5XA54000XBL</b> <b>EAN: 4058352833568 + 4050737971421</b>	<b>LP-Nummer</b> <b>59068_23</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°
$\gamma$	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

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14H + 5XA54000XBL</b> <b>EAN: 4058352833568 + 4050737971421</b>	<b>LP-Nummer</b> <b>59068_23</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°
$\gamma$	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

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14H + 5XA54000XBL</b> <b>EAN: 4058352833568 + 4050737971421</b>	<b>LP-Nummer</b> <b>59068_23</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14H + 5XA54000XBL</b> <b>EAN: 4058352833568 + 4050737971421</b>	<b>LP-Nummer</b> <b>59068_23</b>
<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 25°C</b>
<b>siteco</b>		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1530	11.8	12.1	12.0
95	241	252	1452	11.1	11.4	11.2
90	229	250	1379	10.6	10.8	10.7
85	216	248	1301	9.9	10.2	10.0
80	203	246	1223	9.3	9.6	9.4
75	190	243	1144	8.7	9.0	8.8
70	178	241	1072	8.2	8.4	8.3
65	165	238	994	7.6	7.7	7.6
60	152	235	916	7.0	7.2	7.1
55	140	232	843	6.5	6.6	6.6
50	127	229	765	6.0	6.1	6.0
45	114	225	687	5.4	5.6	5.5
40	102	221	614	5.0	5.1	5.0
35	89	216	536	4.5	4.6	4.6
30	76	210	458	4.0	4.0	4.0
26	65	204	392	3.6	3.7	3.6