

## Lichttechnischer Prüfbefund

Familie  
**LATERNE LED**



Bestell-Nr.: **5XA5255MF14H + 5XA54000XS**  
EAN: **4058352833568 + 4050737730073**

LP-Nummer  
**59067\_29**

**Ausführung** Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, strukturiert  
**Optik** asymmetrisch, breit strahlend (ST1.2a)  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 2700 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 1450 lm  
Systemleistung = 11.8 W  
Lichtausbeute = 122.9 lm/W

Seriendokumentation  
**04.11.2022**

siteco

Lichtstärke in cd/klm

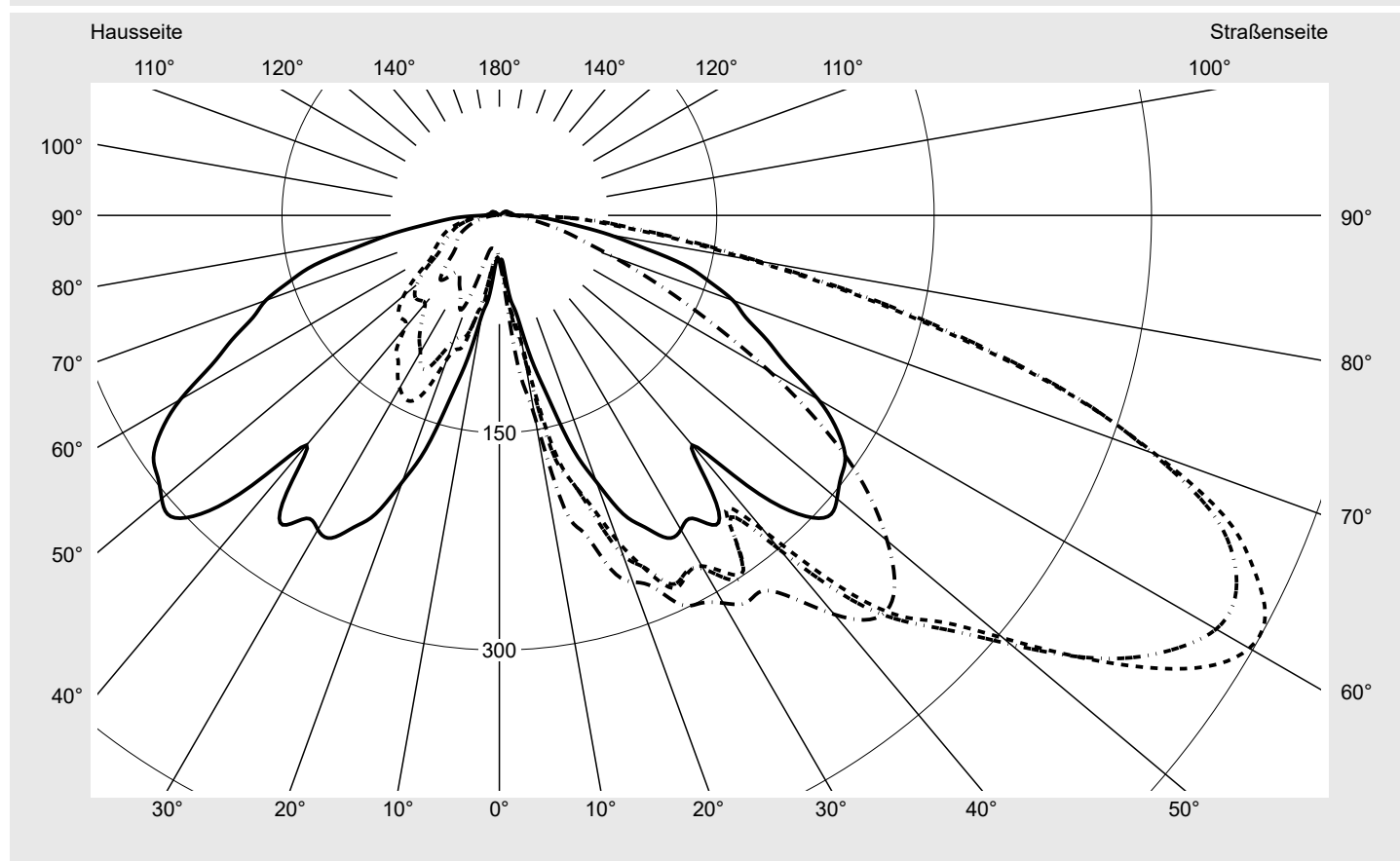
**C180-0**

C205-25

C210-30

C270-90

**Imax: 598 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	97.6%
Eta 90° - 180°	2.4%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G1
Imax 70°	481.7
Imax 80°	181.8
Imax 90°	18.2
Imax >90°	9.9
Imax >95°	8.8

**Messbedingungen**

DIN EN 13032 und DIN 5032

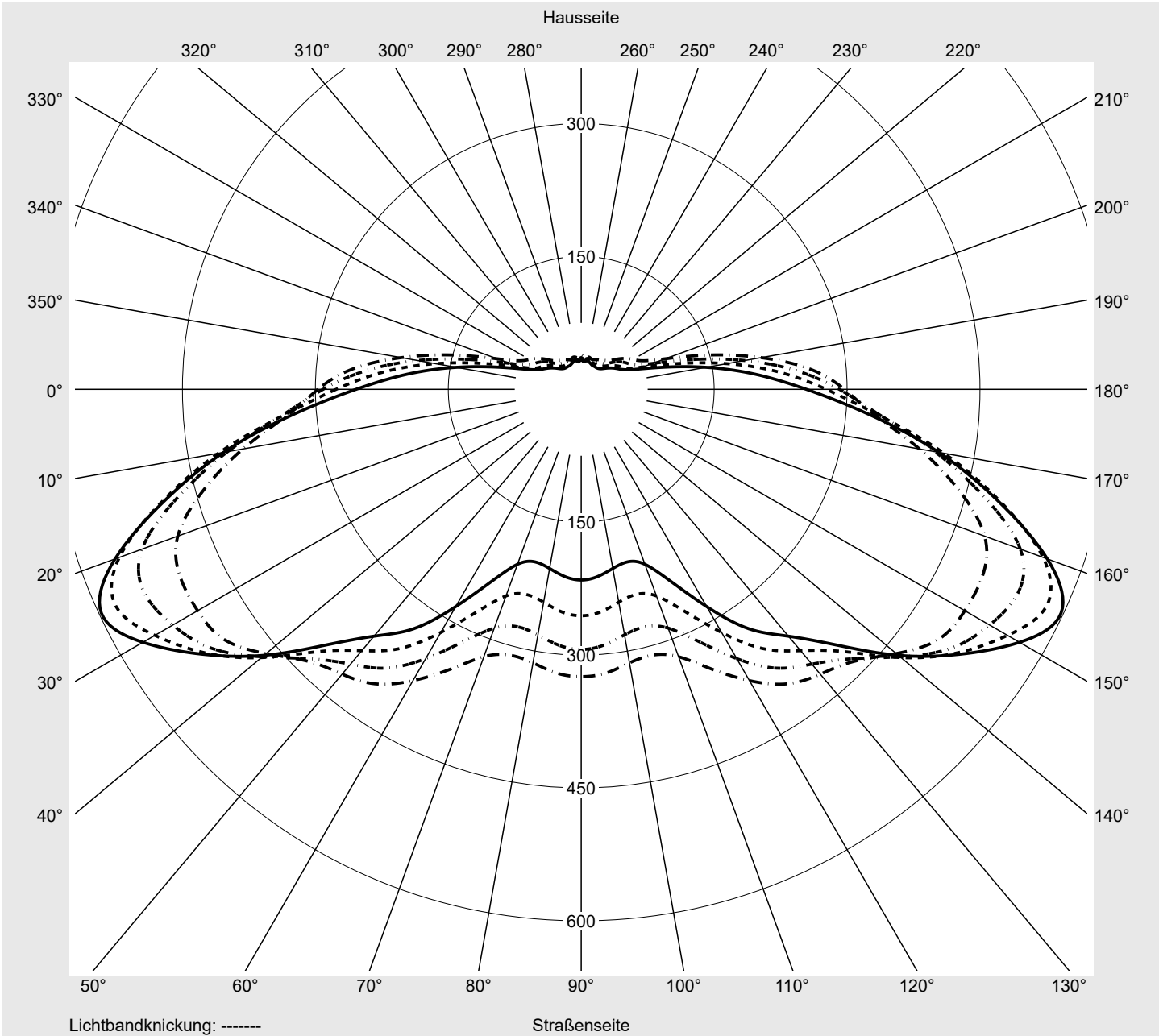
**Lichttechnischer Prüfbefund**

**Familie**  
**LATERNE LED**

**Bestell-Nr.: 5XA5255MF14H + 5XA54000XS**  
**EAN: 4058352833568 + 4050737730073**

**LP-Nummer**  
**59067\_29**

**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57,5°**    **KMK 55°**    **KMK 52,5°**



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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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2,5°	30.4	30.7	31.2	31.5	32.7	32.9	33.5	34.1	34.9	36.1	36.9	37.8	38.1
5,0°	36.9	39.2	40.6	42.9	45.4	47.1	49.1	51.4	54.0	56.5	58.8	59.9	61.6
7,5°	58.2	61.6	64.5	66.5	67.6	70.1	74.7	78.1	80.7	85.2	88.3	92.9	96.8
10,0°	70.1	73.8	78.1	81.2	86.1	92.3	99.1	108.8	118.7	127.2	132.9	134.9	136.0
12,5°	101.1	124.4	123.8	124.7	139.2	154.2	165.0	165.9	163.9	166.1	169.3	172.4	174.4
15,0°	130.1	140.0	152.2	171.2	186.3	189.1	188.9	194.0	194.8	201.1	200.8	205.6	208.5
17,5°	169.3	180.6	195.4	201.9	204.5	209.9	216.7	220.4	225.5	228.0	226.1	228.3	230.6
20,0°	195.7	209.9	225.2	233.7	235.1	239.7	249.6	239.7	235.1	240.5	242.0	242.5	242.5
22,5°	222.9	232.3	248.2	259.9	263.3	265.0	263.5	260.4	254.7	258.4	257.6	259.9	266.4
25,0°	237.4	252.2	266.1	276.9	284.3	284.0	280.9	275.2	268.4	269.5	270.1	277.2	282.6
27,5°	251.1	262.4	275.2	275.5	278.0	279.7	278.0	280.9	282.0	284.3	290.2	293.9	298.5
30,0°	250.5	258.7	267.8	271.5	277.5	279.5	281.7	286.0	294.8	301.0	307.6	310.1	314.1
32,5°	247.9	256.7	268.9	276.3	287.1	292.8	298.5	307.0	312.7	323.2	332.0	333.7	329.2
35,0°	260.7	269.8	278.0	283.4	290.2	293.4	291.9	301.0	305.3	314.4	329.4	331.1	330.0
37,5°	241.1	242.2	246.2	254.2	257.6	256.7	262.4	281.7	304.7	322.9	334.0	342.8	351.3
40,0°	207.0	213.0	229.5	253.3	272.1	284.6	301.9	325.2	342.2	354.1	362.1	374.6	377.7
42,5°	252.8	273.8	298.2	315.0	332.3	347.3	360.1	370.3	378.0	382.8	389.9	396.2	391.9
45,0°	291.4	313.0	342.8	365.8	382.0	391.1	396.5	402.4	404.4	407.8	409.5	406.1	402.1
47,5°	307.6	328.3	361.2	392.8	410.7	415.8	424.6	432.5	429.1	420.9	420.0	417.8	409.2
50,0°	304.2	330.0	374.6	414.1	443.6	453.8	460.6	464.9	453.3	435.6	425.7	417.8	401.3
52,5°	297.1	332.6	387.7	441.6	484.5	499.5	499.8	492.2	464.0	434.5	419.7	405.8	379.7
55,0°	291.4	339.1	405.3	471.4	527.4	543.9	532.2	509.5	469.7	430.3	405.0	384.2	351.0
57,5°	276.6	337.4	415.8	489.6	554.6	579.4	555.5	518.6	471.1	418.6	385.1	357.3	316.9
60,0°	254.2	326.3	409.8	487.1	559.8	597.5	571.1	521.4	467.2	408.4	363.8	330.0	283.1
62,5°	224.1	302.7	389.9	465.5	543.3	595.8	572.3	515.5	456.1	391.9	338.5	298.5	247.9
65,0°	203.9	279.2	364.1	434.8	511.5	573.7	558.9	497.0	433.4	368.6	314.1	267.0	217.0
67,5°	184.0	262.4	340.2	401.6	471.4	541.0	530.5	465.8	401.0	338.8	285.1	237.4	186.0
70,0°	171.5	243.1	313.0	360.7	418.0	481.7	479.1	419.5	360.7	305.0	255.0	206.7	168.4
72,5°	151.9	219.2	282.0	320.3	362.7	415.5	417.5	365.2	309.0	257.3	216.4	183.2	138.9
75,0°	132.1	190.0	234.0	265.0	295.6	331.1	338.0	297.9	249.3	209.0	176.6	152.8	115.0
77,5°	100.0	141.4	177.8	203.6	228.6	250.8	258.2	228.0	189.1	158.2	139.7	130.4	114.7
80,0°	77.2	102.8	127.5	146.5	160.7	175.2	181.8	164.7	141.7	119.8	106.5	101.7	80.4
82,5°	54.2	72.1	87.2	101.7	112.5	121.8	128.9	122.7	108.5	89.7	75.8	70.4	52.5
85,0°	38.9	49.4	59.9	68.2	73.6	79.8	86.3	86.3	77.5	63.0	53.1	47.4	37.8
87,5°	26.4	34.1	40.6	47.4	50.3	54.0	58.5	57.9	52.5	44.0	37.8	34.6	29.8
90,0°	10.8	11.4	11.9	12.8	13.6	14.5	16.2	17.6	17.6	17.6	17.6	18.2	17.3
92,5°	8.5	8.5	9.1	9.1	9.4	9.7	9.7	9.7	9.9	9.9	9.9	9.9	9.9
95,0°	8.0	8.0	8.5	8.5	8.8	9.1	9.1	9.1	9.1	9.1	9.4	9.4	9.4
97,5°	7.4	7.4	8.0	8.0	8.0	8.2	8.2	8.5	8.5	8.5	8.8	8.8	8.8
100,0°	6.8	7.1	7.4	7.4	7.7	7.7	8.0	8.0	8.0	8.0	8.0	8.2	8.2
102,5°	6.5	6.8	6.8	6.8	6.8	7.1	7.4	7.4	7.4	7.4	7.4	7.7	8.0
105,0°	6.2	6.2	6.2	6.5	6.8	6.8	6.8	6.8	6.8	7.1	7.4	7.4	7.4
107,5°	6.0	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8	6.8	6.8	6.8	7.4
110,0°	5.7	6.0	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8	6.8	6.8
112,5°	5.7	5.7	6.0	6.0	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8

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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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2,5°	38.3	38.9	39.2	39.2	39.5	39.8	30.1	29.5	29.5	29.0	29.0	28.7	28.4
5,0°	62.2	63.0	63.3	63.3	63.3	63.6	36.4	34.4	32.9	31.8	31.0	30.4	29.8
7,5°	102.8	107.4	111.3	112.7	111.9	111.3	53.4	49.4	43.5	38.9	34.9	32.7	32.1
10,0°	136.3	139.2	140.6	143.1	142.0	141.4	67.9	66.2	67.3	66.2	62.2	52.8	41.7
12,5°	177.2	181.2	187.7	197.7	204.5	206.7	88.6	81.5	73.6	69.3	68.2	69.6	67.0
15,0°	213.3	216.4	222.4	224.9	226.6	227.2	116.4	106.2	101.7	95.7	90.6	85.2	82.9
17,5°	235.4	240.0	245.4	251.6	254.5	256.2	141.4	126.1	113.0	104.5	96.8	88.0	79.2
20,0°	249.6	254.2	257.6	262.7	265.8	269.2	178.3	167.8	146.8	120.1	105.4	92.0	80.1
22,5°	270.1	272.4	275.2	276.3	276.9	277.7	201.9	188.6	168.4	149.1	128.9	103.4	84.3
25,0°	286.6	290.0	292.8	294.5	295.9	296.5	219.5	207.3	180.6	161.3	141.1	116.2	95.4
27,5°	303.0	307.3	307.9	305.3	303.0	301.6	234.0	214.1	188.0	166.1	142.0	117.3	92.3
30,0°	316.1	313.8	310.7	309.8	309.6	309.0	236.3	211.0	182.6	163.6	137.5	109.1	88.6
32,5°	325.2	319.2	314.1	313.5	315.0	316.9	232.3	205.0	177.5	153.9	130.6	102.8	81.5
35,0°	331.4	331.4	328.6	324.0	318.6	316.4	242.8	210.4	182.3	152.2	121.8	94.9	77.0
37,5°	354.7	350.5	339.7	333.1	331.4	332.8	232.3	203.9	178.6	153.9	116.7	86.6	72.4
40,0°	371.5	359.0	347.9	348.5	355.0	359.5	197.9	177.5	149.9	128.7	101.4	79.8	66.7
42,5°	379.7	367.2	361.2	365.8	373.5	378.3	226.6	192.3	159.6	126.9	97.7	79.8	68.4
45,0°	391.3	376.9	367.8	370.3	377.1	381.1	271.5	222.7	178.9	133.2	98.0	81.2	71.6
47,5°	391.6	371.5	359.8	361.8	367.2	369.8	279.7	229.8	178.9	128.1	93.7	79.2	70.7
50,0°	376.3	350.2	339.1	341.4	347.6	349.3	272.6	222.1	165.9	115.6	86.1	74.4	66.2
52,5°	348.5	321.2	310.7	313.5	321.5	324.3	259.9	206.2	149.7	100.8	76.4	67.6	60.8
55,0°	314.1	286.8	277.5	281.4	290.0	293.7	243.4	187.4	130.1	85.5	65.9	59.4	54.2
57,5°	276.6	248.2	239.7	244.0	252.2	255.6	224.1	167.0	112.5	73.6	56.8	51.4	46.6
60,0°	239.1	210.2	201.6	205.3	212.1	215.3	196.8	143.1	96.6	66.5	52.8	46.9	42.0
62,5°	201.1	172.7	163.3	166.4	172.1	173.8	169.5	122.1	83.5	61.1	50.3	44.3	39.2
65,0°	170.1	141.1	131.5	133.2	138.6	138.6	144.3	103.9	74.1	56.8	47.1	41.5	36.9
67,5°	141.4	113.3	103.7	103.7	106.2	108.5	127.8	90.3	68.2	53.1	44.6	38.6	34.1
70,0°	117.6	91.2	81.5	80.1	81.2	83.5	114.5	81.8	62.8	50.0	42.0	36.1	31.5
72,5°	96.3	72.1	62.8	60.5	61.6	63.6	101.1	72.4	57.4	46.0	38.9	33.2	28.4
75,0°	80.1	58.2	49.1	46.6	48.0	51.1	86.6	64.2	51.7	42.9	35.8	30.7	26.1
77,5°	66.7	45.7	37.5	35.2	36.9	39.8	68.7	51.7	43.2	36.1	31.0	27.0	23.0
80,0°	50.6	36.1	29.8	27.5	27.8	29.5	52.3	41.5	35.5	30.1	26.4	23.3	20.2
82,5°	37.8	27.5	22.7	21.3	21.6	22.2	39.8	32.4	28.1	24.4	21.6	19.3	16.8
85,0°	29.0	22.2	18.5	17.3	17.0	17.0	28.7	24.4	21.6	19.3	17.3	15.6	13.9
87,5°	23.9	19.0	16.2	14.8	14.2	14.2	21.3	18.2	16.5	15.1	13.6	12.5	11.1
90,0°	15.6	13.6	12.2	11.4	11.4	10.8	9.1	9.1	8.5	8.0	7.7	6.8	6.5
92,5°	9.9	9.9	9.7	9.7	9.9	9.7	8.0	7.4	7.1	6.8	6.2	6.0	5.7
95,0°	9.4	9.4	9.4	9.4	9.4	9.1	7.4	7.4	6.8	6.2	6.2	5.7	5.4
97,5°	8.8	8.8	8.8	8.8	8.8	8.5	7.1	6.8	6.2	6.2	5.7	5.7	5.1
100,0°	8.2	8.2	8.5	8.5	8.5	8.5	6.8	6.2	6.2	5.7	5.7	5.1	5.1
102,5°	8.0	8.0	8.0	8.0	8.0	8.0	6.2	6.0	5.7	5.7	5.1	5.1	4.5
105,0°	7.4	7.4	7.4	7.4	7.4	6.8	6.0	5.7	5.7	5.1	5.1	4.5	4.5
107,5°	7.4	7.4	7.4	7.4	7.4	6.8	5.7	5.7	5.4	5.1	5.1	4.5	4.5
110,0°	6.8	6.8	7.4	7.4	6.8	6.2	5.7	5.4	5.1	5.1	4.5	4.5	4.5
112,5°	6.8	6.8	6.8	6.8	6.2	4.0	5.4	5.4	5.1	5.1	4.5	4.5	4.5

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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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	0.0	0.0
2,5°	28.1	27.8	27.5	27.0	26.7	26.7	26.4	26.4	26.1	25.8	25.6	0.4	0.4
5,0°	29.3	28.7	27.5	26.7	26.1	25.6	25.3	25.0	24.7	24.4	24.4	1.0	1.4
7,5°	31.2	30.1	29.0	27.8	26.7	25.8	25.3	24.7	24.1	24.1	23.9	2.1	3.6
10,0°	33.8	30.4	29.3	27.8	26.4	25.3	24.4	23.9	23.6	23.6	23.3	3.7	7.3
12,5°	65.0	55.9	39.8	31.5	27.8	25.6	24.1	23.6	23.3	23.0	23.3	6.4	13.6
15,0°	74.1	68.7	66.5	62.8	54.2	39.8	31.8	28.4	26.7	24.7	24.4	9.4	23.0
17,5°	70.4	63.3	59.6	58.2	57.1	56.8	54.8	48.8	42.0	35.8	34.1	12.4	35.4
20,0°	69.0	61.1	57.1	55.4	54.8	54.5	54.5	54.8	55.4	59.1	60.2	15.5	50.9
22,5°	68.4	58.8	54.8	54.0	54.2	55.4	56.5	55.7	59.6	67.9	70.4	18.8	69.7
25,0°	75.0	59.6	54.0	53.4	54.8	56.8	61.3	59.1	59.9	63.3	63.6	22.2	91.9
27,5°	74.4	62.2	57.1	55.9	56.8	59.1	61.6	58.2	55.1	57.7	58.5	24.9	116.8
30,0°	73.6	65.9	61.6	59.9	59.4	58.8	58.8	55.7	52.3	54.0	55.1	27.3	144.1
32,5°	72.7	67.0	65.0	63.6	60.8	58.2	55.7	53.7	49.4	50.6	51.1	29.9	174.1
35,0°	66.7	64.8	64.2	65.0	63.9	60.5	56.2	52.8	47.7	48.0	48.8	32.2	206.2
37,5°	64.5	60.5	61.6	63.0	61.6	59.9	57.7	55.4	50.3	48.8	49.4	33.5	239.7
40,0°	60.8	57.1	55.1	57.1	59.4	59.1	57.9	57.4	54.8	54.5	56.2	36.0	275.8
42,5°	57.7	51.4	50.0	49.7	50.8	52.5	54.0	55.7	55.9	57.9	60.2	41.4	317.1
45,0°	60.5	50.6	46.9	47.1	46.9	46.6	47.7	50.6	51.4	52.5	55.1	46.2	363.3
47,5°	60.8	51.4	46.6	44.0	44.0	43.2	43.2	44.9	45.4	45.7	48.8	49.2	412.5
50,0°	57.7	50.0	45.4	43.2	40.9	39.5	39.5	40.3	40.6	40.0	42.6	51.2	463.6
52,5°	53.1	46.0	42.6	40.0	38.6	36.9	35.8	37.2	36.9	36.1	38.6	52.3	516.0
55,0°	47.7	41.5	38.1	36.4	35.8	34.9	34.6	35.5	35.2	33.8	35.8	52.9	568.8
57,5°	41.7	37.2	34.1	32.9	32.7	32.7	32.7	33.8	33.8	32.4	34.6	52.4	621.2
60,0°	37.2	32.9	30.7	29.8	29.8	29.8	31.0	32.4	32.7	31.2	33.5	51.0	672.2
62,5°	34.4	30.1	28.1	27.0	27.3	27.5	28.4	30.4	31.0	29.5	31.8	48.5	720.7
65,0°	32.1	28.1	26.1	25.3	25.3	25.3	26.1	27.5	28.4	27.3	29.5	45.5	766.3
67,5°	29.8	26.1	24.1	23.0	23.0	23.0	23.6	25.3	25.6	24.7	26.7	42.1	808.4
70,0°	27.5	24.4	22.4	21.3	21.0	21.0	21.3	22.4	23.3	22.4	23.9	38.2	846.6
72,5°	25.0	21.9	20.4	19.3	19.3	18.7	19.0	19.9	20.4	19.6	21.0	33.5	880.1
75,0°	22.4	19.9	18.2	17.3	17.0	16.8	16.8	17.3	17.6	17.0	18.2	28.1	908.2
77,5°	19.6	17.6	16.2	15.3	14.8	14.5	14.2	14.8	14.8	14.5	15.3	22.4	930.5
80,0°	17.3	15.1	13.9	12.8	12.5	11.9	11.6	11.6	11.9	11.4	11.9	16.8	947.3
82,5°	14.5	12.8	11.6	10.8	10.2	9.7	9.7	9.1	9.1	8.8	9.1	12.3	959.7
85,0°	12.2	10.8	9.9	9.1	8.5	8.0	7.4	7.4	7.1	6.8	6.8	8.8	968.5
87,5°	9.9	8.8	8.0	7.4	6.8	6.5	6.2	5.7	5.4	5.1	5.1	6.4	974.9
90,0°	6.2	5.7	5.7	5.1	5.1	4.5	4.3	4.0	4.0	3.4	3.4	2.8	977.7
92,5°	5.1	5.1	4.8	4.5	4.5	4.0	4.0	4.0	3.4	3.4	3.4	2.0	979.8
95,0°	5.1	4.8	4.5	4.3	4.0	4.0	4.0	3.4	3.4	3.4	3.4	1.9	981.7
97,5°	4.8	4.5	4.5	4.0	4.0	3.7	3.7	3.4	3.4	2.8	3.4	1.8	983.5
100,0°	4.5	4.5	4.3	4.0	4.0	4.0	3.4	3.4	3.4	3.1	3.4	1.7	985.2
102,5°	4.5	4.0	4.0	4.0	3.4	3.4	3.4	3.1	2.8	2.8	2.8	1.6	986.8
105,0°	4.3	4.0	4.0	3.7	3.4	3.4	3.4	3.1	2.8	2.8	2.8	1.5	988.3
107,5°	4.0	4.0	4.0	4.0	3.4	3.4	3.4	2.8	2.8	2.8	2.8	1.4	989.7
110,0°	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.8	2.8	2.3	1.4	991.1
112,5°	4.0	4.0	4.0	3.7	3.4	3.4	3.4	3.1	2.8	2.6	2.3	1.3	992.4

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14H + 5XA54000XS</b> <b>EAN: 4058352833568 + 4050737730073</b>	<b>LP-Nummer</b> <b>59067_29</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°
γ	Lichtstärke in cd/klm												
115,0°	5.7	5.7	5.7	6.0	6.2	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8
117,5°	5.1	5.7	5.7	5.7	5.7	6.0	6.0	6.2	6.2	6.2	6.2	6.2	6.2
120,0°	5.1	5.1	5.4	5.4	5.7	5.7	5.7	5.7	5.7	5.7	6.2	6.2	6.2
122,5°	4.5	4.8	4.8	4.8	5.1	5.1	5.1	5.1	5.1	5.4	5.7	5.7	5.7
125,0°	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5
127,5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
130,0°	2.0	2.0	2.0	2.0	1.7	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.7	1.7	1.7	1.7	1.4	1.4	1.4	1.4	1.1	1.1	1.4	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	1.1	0.9	0.9	0.9	0.9	0.6	0.6
142,5°	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
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°	0.0	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 + 5XA54000XS</b> <b>EAN: 4058352833568 + 4050737730073</b>	<b>LP-Nummer</b> <b>59067_29</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°	6.8	6.8	6.8	6.8	5.4	2.3	5.4	5.1	5.1	5.1	4.5	4.5	4.3
117,5°	6.5	6.8	6.8	6.8	4.8	2.3	5.1	5.1	4.8	4.8	4.5	4.5	4.0
120,0°	6.2	6.2	6.2	6.2	4.0	1.7	5.1	4.8	4.5	4.5	4.5	4.0	4.0
122,5°	5.7	5.7	5.7	5.7	3.7	1.7	4.5	4.5	4.3	4.0	4.0	4.0	3.7
125,0°	4.5	4.5	4.5	4.5	2.8	1.7	3.7	3.7	3.4	3.4	3.4	3.1	2.8
127,5°	2.8	2.8	3.4	2.8	1.7	1.1	2.8	2.6	2.6	2.6	2.6	2.6	2.3
130,0°	1.7	1.7	1.7	1.7	1.1	1.1	2.0	2.0	2.0	2.0	2.0	2.0	2.3
132,5°	1.7	1.7	1.7	1.4	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.1	1.1	1.1	1.1	0.9	0.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
137,5°	1.1	1.1	1.1	1.1	0.6	0.6	1.1	1.4	1.1	1.4	1.4	1.7	1.4
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.1	1.1	1.1	1.1	1.1
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	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 + 5XA54000XS</b> <b>EAN: 4058352833568 + 4050737730073</b>	<b>LP-Nummer</b> <b>59067_29</b>
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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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
$\gamma$	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	4.0	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.3	1.7	1.3	993.7
117,5°	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.8	2.3	1.7	1.2	994.9
120,0°	4.0	4.0	3.4	3.4	3.4	3.1	2.8	2.8	2.8	2.3	1.7	1.1	996.0
122,5°	3.4	3.4	3.4	3.1	2.8	2.8	2.8	2.8	2.8	2.3	1.7	1.0	997.0
125,0°	2.8	2.8	2.8	2.8	2.6	2.6	2.3	2.3	2.3	1.7	1.7	0.8	997.8
127,5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.7	1.7	1.7	0.6	998.3
130,0°	2.3	2.3	2.3	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.4	998.7
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1	1.7	0.3	999.1
135,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1	1.1	0.3	999.3
137,5°	1.7	1.7	1.7	1.1	1.4	1.7	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°	0.9	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 + 5XA54000XS</b> <b>EAN: 4058352833568 + 4050737730073</b>	<b>LP-Nummer</b> <b>59067_29</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	1450	11.8	12.1	12.0
95	241	252	1376	11.1	11.4	11.2
90	229	250	1307	10.6	10.8	10.7
85	216	248	1233	9.9	10.2	10.0
80	203	246	1159	9.3	9.6	9.4
75	190	243	1085	8.7	9.0	8.8
70	178	241	1016	8.2	8.4	8.3
65	165	238	942	7.6	7.7	7.6
60	152	235	868	7.0	7.2	7.1
55	140	232	799	6.5	6.6	6.6
50	127	229	725	6.0	6.1	6.0
45	114	225	651	5.4	5.6	5.5
40	102	221	582	5.0	5.1	5.0
35	89	216	508	4.5	4.6	4.6
30	76	210	434	4.0	4.0	4.0
26	65	204	371	3.6	3.7	3.6