

## Lichttechnischer Prüfbefund

Familie  
**LATERNE LED**

Bestell-Nr.: **5XA5255MF14HP**  
EAN: **4058352833582**

LP-Nummer  
**58714\_22**



<b>Ausführung</b>	Mastaufsatz- oder Montage am Wandausleger
<b>Optik</b>	asymmetrisch, breit strahlend (ST1.2a)
<b>Abdeckung</b>	Abdeckung klar, PMMA
<b>Bestückung</b>	LED 2700 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG SITECO iQ
<b>Bemessungswerte</b>	Nettolichtstrom = 4240 lm Systemleistung = 33.6 W Lichtausbeute = 126.2 lm/W

Seriendokumentation  
**04.11.2022**

siteco

Lichtstärke in cd/klm

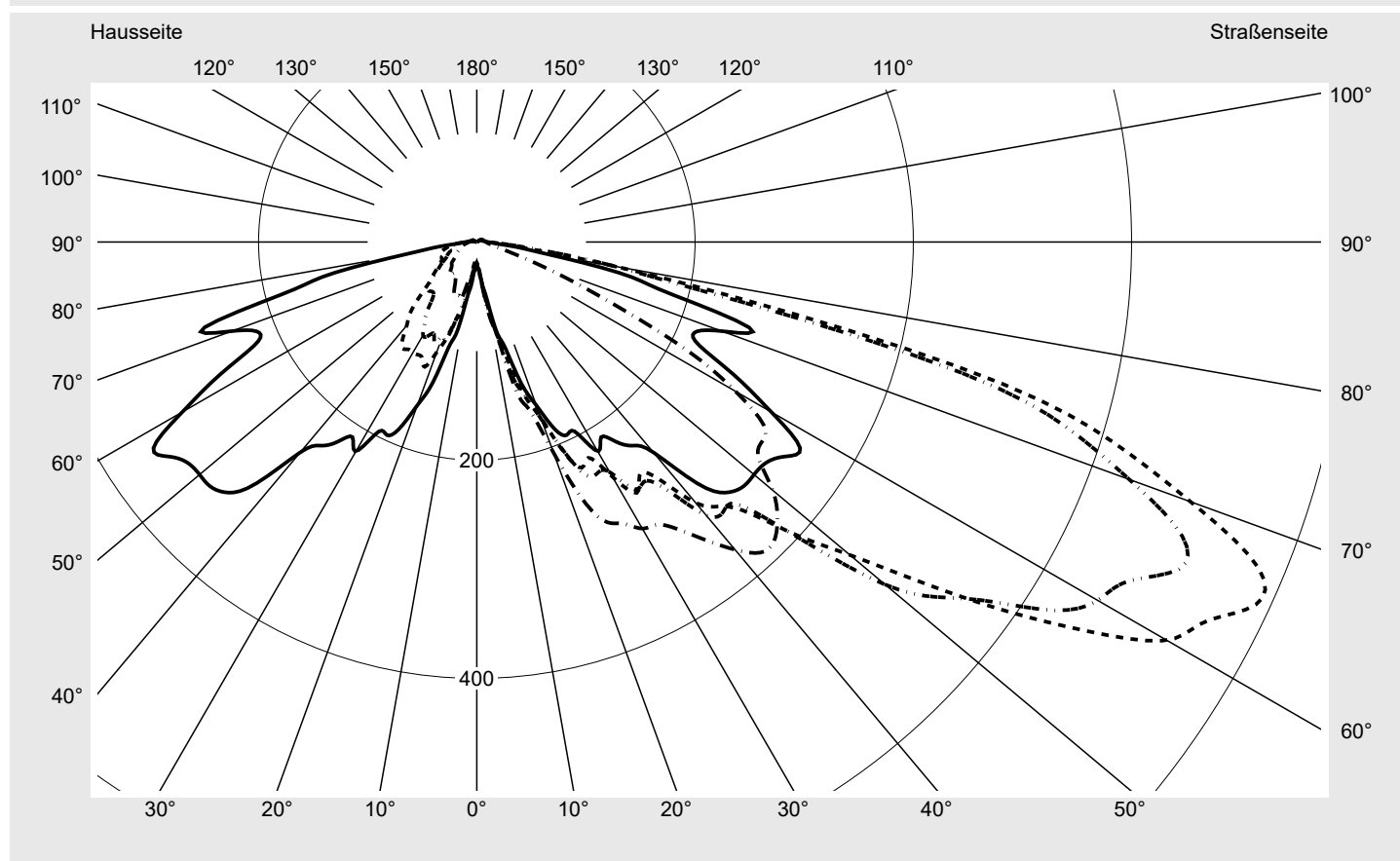
**C180-0**

C205-25

C210-30

C270-90

**Imax: 787 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	98.0%
Eta 90° - 180°	2.0%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G2
Imax 70°	696.0
Imax 80°	140.1
Imax 90°	10.7
Imax >90°	9.6
Imax >95°	7.3

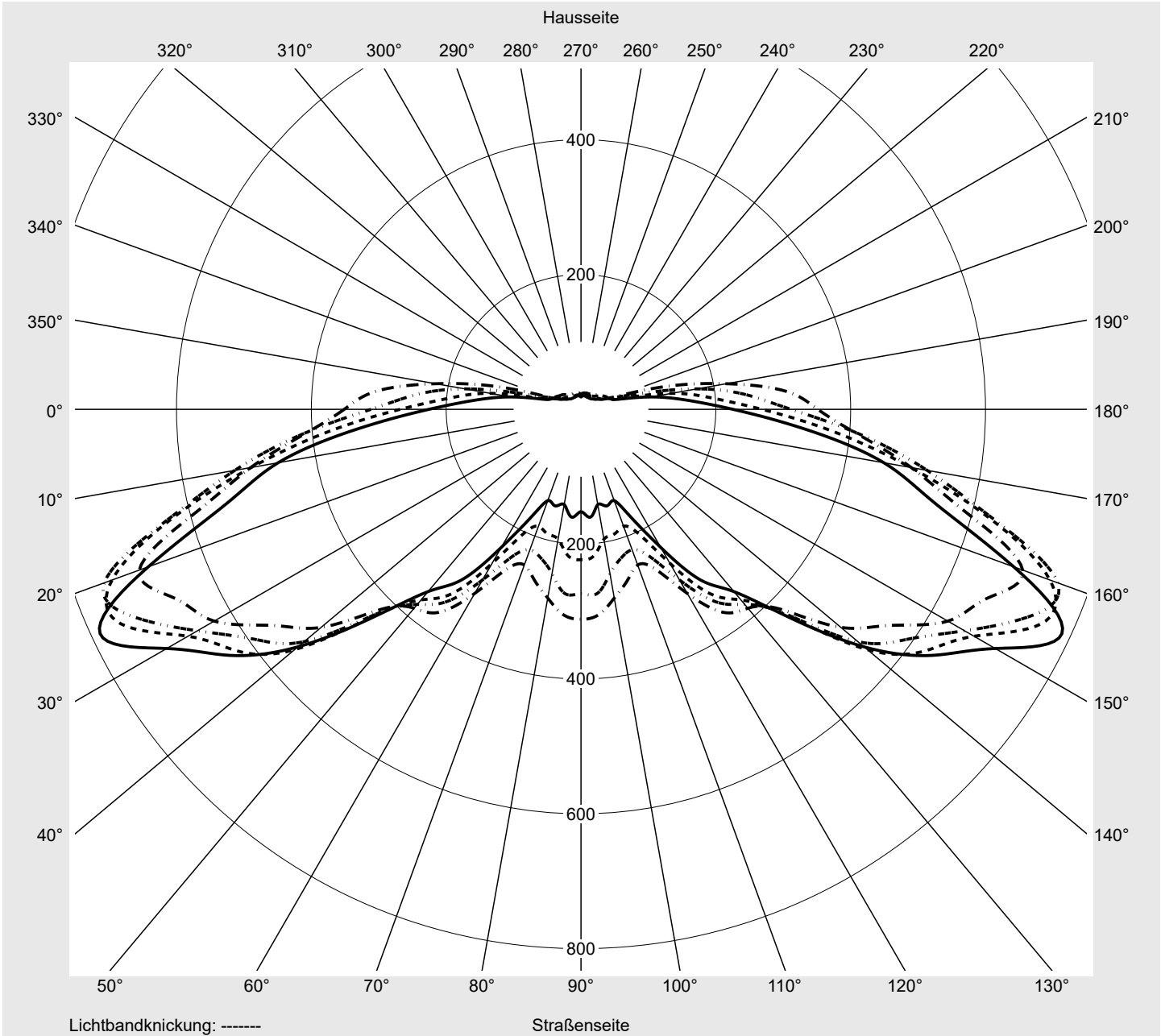
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP-Nummer</b> <b>58714_22</b>
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**Kegelmantelkurven in cd/klm**    **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**    **siteco**



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP-Nummer</b> <b>58714_22</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												
0,0°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
2,5°	24.9	23.9	24.4	23.7	24.1	23.5	24.1	23.9	24.6	24.6	25.1	24.7	25.2
5,0°	25.9	27.5	28.8	29.3	30.7	30.0	30.7	29.9	29.7	29.0	30.0	29.3	30.5
7,5°	40.6	40.1	42.1	40.6	40.6	40.8	40.9	40.9	41.5	40.9	42.0	39.9	44.9
10,0°	53.2	50.2	55.1	58.0	61.8	63.0	69.1	66.0	71.7	69.9	69.9	67.6	67.9
12,5°	84.8	90.8	101.3	95.5	100.0	89.4	89.1	88.9	91.1	94.2	97.4	93.7	100.1
15,0°	100.1	116.9	123.7	122.0	113.1	115.5	129.5	133.8	130.7	130.7	130.7	118.4	118.9
17,5°	136.5	134.9	144.7	140.4	150.1	149.8	146.9	137.3	143.1	162.2	163.1	149.8	154.6
20,0°	159.2	167.7	178.3	175.9	174.9	171.6	173.0	165.8	168.6	175.7	190.7	178.4	185.1
22,5°	184.9	198.2	205.4	203.9	211.9	208.5	206.6	193.8	190.7	186.6	198.2	209.7	213.1
25,0°	195.2	196.5	201.6	212.2	214.1	228.1	235.4	231.3	234.4	215.3	204.9	208.5	219.2
27,5°	196.5	202.5	216.7	216.3	216.7	223.0	239.0	248.9	263.9	245.0	221.4	210.7	229.6
30,0°	221.4	230.0	233.7	238.7	244.6	248.2	243.4	248.7	277.4	281.5	257.3	225.2	240.7
32,5°	212.1	230.8	245.7	254.7	264.1	272.6	268.5	259.8	276.0	290.4	276.2	246.9	257.8
35,0°	224.0	229.5	238.0	250.8	250.6	260.3	267.8	266.0	274.5	285.1	298.9	285.8	283.2
37,5°	235.3	232.2	223.7	244.1	251.8	273.8	286.3	292.6	308.4	313.1	313.2	319.9	317.7
40,0°	251.6	255.6	264.8	264.6	294.3	312.0	326.9	314.8	329.6	339.2	319.9	329.8	338.3
42,5°	301.3	302.1	317.8	307.8	324.0	328.7	334.7	337.4	332.2	352.8	336.9	324.5	345.0
45,0°	324.7	330.8	360.5	358.1	366.8	349.9	340.7	334.7	349.9	361.7	356.2	340.9	357.4
47,5°	331.5	351.9	410.6	409.1	417.6	397.8	403.8	374.3	377.2	359.6	349.2	347.7	348.9
50,0°	331.6	369.4	450.6	441.3	479.7	446.3	488.6	457.6	420.0	386.8	371.2	342.6	334.5
52,5°	333.2	372.4	460.5	477.5	542.5	511.1	534.8	507.0	454.7	409.4	390.0	353.3	318.5
55,0°	343.1	386.2	464.9	526.6	619.3	587.9	574.2	531.6	476.7	416.3	390.0	361.0	314.1
57,5°	351.3	410.1	497.5	591.8	697.2	664.0	628.3	558.9	503.3	419.7	385.2	367.6	315.3
60,0°	311.5	413.0	521.5	636.0	752.5	730.0	657.0	593.9	536.2	429.4	377.7	348.5	292.2
62,5°	268.4	375.2	496.6	629.3	740.2	753.0	673.2	624.2	554.6	432.6	369.0	333.9	263.7
65,0°	225.5	332.5	456.2	546.3	683.1	787.2	709.5	636.3	548.1	436.2	353.0	309.0	236.5
67,5°	216.3	327.0	442.0	500.5	642.7	773.3	698.1	593.5	536.9	412.7	326.4	282.0	205.7
70,0°	238.7	337.4	431.3	497.8	592.2	696.0	636.3	550.2	463.7	376.7	291.6	250.8	169.7
72,5°	262.7	360.0	404.3	484.0	575.6	612.5	568.1	481.9	366.8	306.2	233.7	203.5	137.2
75,0°	184.1	298.4	330.1	390.0	472.4	491.7	452.4	348.2	243.6	213.8	196.9	182.7	127.6
77,5°	140.2	207.8	216.2	262.2	276.9	275.0	230.1	181.7	147.4	136.0	142.1	144.7	100.8
80,0°	70.8	92.1	109.4	140.1	118.1	130.2	128.6	120.6	98.6	77.3	55.8	73.5	42.0
82,5°	39.8	45.0	48.3	67.7	48.5	50.5	64.8	82.9	62.6	46.7	28.5	21.2	13.8
85,0°	19.3	22.5	20.8	25.4	18.6	25.9	32.1	40.1	24.1	20.6	13.8	12.6	11.1
87,5°	14.0	14.3	13.6	15.0	14.5	17.1	17.2	16.5	14.3	13.5	10.9	10.6	9.7
90,0°	10.1	10.4	10.4	10.7	10.4	10.6	9.9	9.9	9.6	9.6	9.0	9.0	8.5
92,5°	8.9	9.2	9.0	9.6	9.2	9.4	8.9	8.9	8.5	8.5	8.2	8.2	8.2
95,0°	7.5	7.8	7.8	8.2	8.2	8.2	8.0	8.0	7.7	7.7	7.5	7.7	7.5
97,5°	6.5	6.8	6.8	7.0	7.2	7.3	7.0	7.2	7.2	7.2	6.8	7.2	7.0
100,0°	5.8	5.8	5.8	6.1	6.1	6.1	6.1	6.3	6.1	6.5	6.3	6.5	6.5
102,5°	5.1	5.1	5.1	5.5	5.5	5.5	5.6	5.8	5.8	5.8	5.8	5.8	6.0
105,0°	4.8	4.8	4.8	4.9	5.1	5.3	5.3	5.5	5.5	5.5	5.5	5.8	5.8
107,5°	4.6	4.8	4.8	4.8	4.9	5.1	5.1	5.3	5.3	5.5	5.5	5.5	5.6
110,0°	4.6	4.6	4.8	4.8	4.9	4.9	5.3	5.3	5.3	5.3	5.5	5.5	5.5
112,5°	4.4	4.6	4.6	4.6	4.9	4.9	5.1	5.3	5.3	5.3	5.5	5.3	5.5

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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°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
2,5°	24.7	25.2	24.6	24.9	24.6	24.9	24.9	24.4	24.2	22.9	22.7	21.2	21.0
5,0°	30.4	31.2	30.2	31.2	29.9	31.0	25.1	24.1	23.4	22.7	22.2	21.7	21.3
7,5°	44.4	45.9	41.5	43.2	44.5	45.7	40.3	34.0	35.1	30.9	33.1	28.1	30.7
10,0°	63.3	63.1	60.7	65.5	66.0	71.7	55.6	58.5	55.4	56.8	47.1	42.1	38.0
12,5°	91.8	97.1	90.6	94.5	91.4	92.1	73.7	76.4	72.0	73.9	67.9	59.0	63.3
15,0°	115.5	121.8	115.8	132.6	125.7	143.6	98.1	87.3	83.3	75.1	73.0	73.9	71.0
17,5°	154.6	167.5	174.4	163.9	151.8	161.7	126.1	121.8	109.0	106.1	92.6	94.0	81.5
20,0°	179.1	189.0	190.7	200.3	198.1	205.4	147.6	130.9	130.5	118.4	107.6	91.4	88.5
22,5°	214.4	220.9	227.9	245.5	246.0	257.9	171.5	166.8	149.6	133.2	123.7	100.0	84.4
25,0°	232.7	244.0	258.6	279.8	284.0	283.5	176.7	170.1	156.6	145.2	118.1	93.0	77.8
27,5°	248.4	257.1	274.5	293.8	292.2	291.0	191.8	173.3	139.9	126.8	116.5	97.2	79.3
30,0°	263.7	273.1	287.3	300.3	300.3	303.3	193.3	167.4	140.4	130.9	117.0	98.6	72.5
32,5°	279.4	298.6	304.2	307.6	305.5	307.1	190.2	167.5	155.9	137.5	116.7	89.1	59.7
35,0°	295.5	312.7	317.5	318.9	317.1	321.4	225.7	194.1	169.1	148.9	118.9	81.2	54.6
37,5°	305.2	322.8	327.0	338.0	340.7	344.3	232.4	211.9	171.8	151.2	111.4	68.2	52.2
40,0°	322.3	336.1	344.4	357.2	363.0	368.2	245.2	206.4	170.6	138.5	99.8	61.6	52.5
42,5°	345.8	351.8	358.3	370.5	379.2	385.9	291.4	237.0	185.8	147.7	92.0	61.4	56.6
45,0°	365.4	354.0	365.8	377.2	385.7	385.9	321.8	260.3	196.2	149.6	80.0	62.8	58.0
47,5°	357.1	345.0	363.5	369.7	375.2	373.6	328.9	267.0	202.8	133.1	66.0	59.7	54.4
50,0°	334.9	320.7	341.2	347.3	356.7	353.8	325.3	262.6	198.9	107.1	56.1	53.9	49.5
52,5°	301.1	291.0	317.5	323.6	329.8	325.5	322.9	254.4	192.3	85.5	50.8	48.3	44.7
55,0°	279.1	264.8	290.9	303.0	315.8	319.0	325.3	246.2	172.6	66.7	46.1	43.2	39.9
57,5°	261.7	245.8	263.7	284.2	305.5	311.5	305.7	218.9	131.9	56.3	42.3	39.2	36.5
60,0°	240.7	221.8	228.8	247.5	274.3	273.6	246.7	174.9	89.9	51.9	38.7	35.5	33.3
62,5°	204.6	184.6	191.4	195.7	218.2	223.1	194.5	136.5	62.4	46.6	36.2	31.9	29.5
65,0°	177.9	144.2	148.3	143.5	160.5	151.8	157.1	105.9	57.8	46.2	35.5	30.0	25.9
67,5°	144.5	106.5	103.4	99.1	106.6	97.9	149.4	91.1	65.5	49.5	34.6	28.5	23.5
70,0°	118.9	81.0	63.6	58.5	64.8	60.1	163.3	95.4	68.2	48.1	32.2	26.4	21.2
72,5°	91.6	63.1	40.6	35.0	35.8	34.8	152.9	92.1	62.6	41.6	32.4	25.4	20.3
75,0°	70.3	36.2	28.7	23.5	23.5	22.2	95.2	66.4	53.4	37.0	33.3	25.8	20.8
77,5°	48.8	22.5	20.5	17.2	17.2	16.4	69.8	51.7	45.2	35.8	30.2	25.8	21.5
80,0°	20.6	14.2	14.0	13.3	13.6	13.3	49.5	43.0	38.0	33.6	27.3	24.4	20.5
82,5°	12.3	10.9	10.9	10.9	11.1	10.9	29.5	29.9	27.8	24.6	22.9	20.8	17.7
85,0°	10.2	9.9	9.9	9.9	9.9	9.9	18.4	20.6	22.2	22.7	19.6	17.9	15.5
87,5°	9.2	9.2	9.2	9.0	9.2	8.9	14.0	15.4	14.8	15.5	13.5	13.6	12.3
90,0°	8.5	8.5	8.5	8.5	8.5	8.5	10.1	9.9	9.6	9.6	9.4	9.0	9.0
92,5°	8.2	7.8	8.2	8.2	8.2	8.2	8.5	8.7	8.2	8.2	7.8	8.0	7.7
95,0°	7.5	7.5	7.7	7.7	7.8	7.8	7.3	7.2	6.8	6.8	6.5	6.5	6.3
97,5°	7.2	6.8	7.2	7.2	7.2	7.2	6.3	6.3	6.1	5.8	5.6	5.5	5.3
100,0°	6.5	6.5	6.5	6.5	6.5	6.5	5.5	5.5	5.1	5.1	4.8	4.8	4.6
102,5°	6.1	6.0	6.1	6.0	6.1	6.1	5.1	4.8	4.8	4.8	4.4	4.4	4.1
105,0°	5.8	5.8	5.8	5.8	5.8	5.8	4.8	4.8	4.4	4.4	4.3	4.1	3.9
107,5°	5.5	5.6	5.5	5.5	5.6	5.8	4.6	4.4	4.4	4.1	4.1	3.9	3.8
110,0°	5.5	5.5	5.5	5.6	5.5	5.5	4.4	4.4	4.3	4.1	4.1	3.9	3.8
112,5°	5.5	5.5	5.5	5.5	5.5	5.5	4.4	4.4	4.1	4.1	3.9	3.8	3.4

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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°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	0.0	0.0
2,5°	20.6	20.5	20.5	20.3	20.3	20.5	20.5	20.5	20.5	20.3	20.5	0.3	0.3
5,0°	20.8	20.5	20.3	20.1	20.1	20.1	20.1	20.0	20.0	20.0	20.1	0.6	0.9
7,5°	27.0	27.8	24.4	25.1	23.5	23.0	21.8	22.9	21.8	22.0	21.8	1.3	2.2
10,0°	35.7	35.8	36.2	35.0	34.5	30.7	32.6	33.3	33.4	38.2	34.5	2.5	4.7
12,5°	61.9	57.5	50.8	50.3	46.6	50.2	48.6	47.3	41.8	39.1	37.2	4.5	9.2
15,0°	72.2	61.2	59.9	59.0	56.6	53.4	43.5	45.2	51.5	53.7	53.2	6.7	15.9
17,5°	75.4	70.5	61.9	59.2	56.8	55.8	55.8	52.2	53.4	52.9	52.2	9.5	25.4
20,0°	78.5	65.5	58.9	56.0	56.1	55.3	51.7	48.6	50.7	49.3	52.9	12.3	37.7
22,5°	67.7	54.3	52.4	51.0	51.4	51.2	51.0	47.9	49.1	52.9	53.2	15.7	53.4
25,0°	63.5	51.7	49.5	48.5	47.9	48.8	50.3	47.3	46.7	49.0	49.1	18.4	71.8
27,5°	61.9	51.0	48.8	47.8	46.4	45.6	46.2	44.0	43.0	43.2	43.0	20.6	92.4
30,0°	58.5	52.0	49.1	48.8	45.4	44.2	44.0	40.9	39.1	39.6	38.9	23.5	115.9
32,5°	49.0	48.8	48.8	49.1	47.3	45.0	42.3	39.8	36.3	36.3	35.5	26.1	142.0
35,0°	49.8	47.8	47.9	47.3	45.7	43.7	41.6	39.9	36.2	36.0	34.5	28.8	170.7
37,5°	50.2	47.3	44.7	43.7	44.9	42.7	42.0	40.8	37.7	38.4	36.5	31.8	202.6
40,0°	50.0	46.9	43.7	41.5	39.9	39.2	40.1	39.6	38.9	40.3	39.2	35.5	238.1
42,5°	50.7	46.7	43.8	41.5	39.9	38.4	37.5	36.9	36.5	37.0	35.8	39.8	278.0
45,0°	52.4	47.1	43.3	40.8	39.2	37.7	36.7	35.8	34.1	34.0	32.8	43.7	321.7
47,5°	50.2	45.0	41.5	38.7	37.5	36.0	35.5	34.3	32.8	32.2	31.0	47.1	368.8
50,0°	46.1	42.0	38.6	35.8	34.8	33.3	32.9	32.1	31.2	30.4	30.0	50.3	419.1
52,5°	41.5	37.5	35.0	32.6	31.7	30.7	30.4	29.5	28.8	27.6	27.0	52.7	471.8
55,0°	37.2	33.6	31.2	29.0	28.7	27.8	27.8	27.0	26.4	25.4	24.2	55.2	527.0
57,5°	34.0	30.7	28.5	26.4	26.1	25.6	25.6	25.1	24.7	23.9	22.5	57.9	584.9
60,0°	30.7	27.5	25.8	24.2	24.2	23.7	23.9	23.5	23.2	22.5	21.2	58.6	643.5
62,5°	27.5	24.4	23.2	22.3	22.2	22.0	22.2	22.0	21.8	21.2	20.1	56.7	700.2
65,0°	23.9	21.8	21.0	20.5	20.5	20.1	20.6	20.5	20.5	19.6	18.4	53.7	754.0
67,5°	21.5	19.8	19.3	18.8	18.9	18.6	19.1	18.9	18.9	18.6	17.1	50.7	804.7
70,0°	19.8	18.3	17.7	17.2	17.4	17.2	17.6	17.6	17.7	17.2	16.0	47.2	851.8
72,5°	18.4	17.2	16.5	16.0	16.2	16.2	16.5	16.5	16.4	16.2	14.7	42.7	894.5
75,0°	18.1	16.2	15.4	14.8	15.2	15.0	15.2	15.2	15.4	15.0	13.6	34.0	928.5
77,5°	17.9	15.7	14.3	13.8	13.8	13.8	13.8	13.8	14.0	13.6	12.6	22.5	951.0
80,0°	17.7	15.2	13.6	13.0	12.8	12.5	12.5	12.1	12.5	12.1	10.9	12.9	963.9
82,5°	16.2	14.0	12.8	11.8	11.6	11.1	11.3	11.1	10.9	10.6	9.6	7.4	971.3
85,0°	14.0	12.5	11.6	10.7	10.6	10.4	10.4	10.1	10.2	9.9	8.5	4.5	975.8
87,5°	12.3	10.7	10.4	9.7	9.7	9.6	9.6	9.4	9.6	9.2	7.8	3.3	979.1
90,0°	9.0	9.0	8.9	8.7	8.7	8.7	8.7	8.7	8.5	8.5	7.2	2.5	981.6
92,5°	7.7	7.3	7.7	7.2	7.5	7.2	7.5	7.2	7.2	6.8	6.1	2.2	983.9
95,0°	6.1	6.0	6.0	5.8	5.8	5.6	5.8	5.5	5.8	5.3	4.8	1.9	985.8
97,5°	5.3	5.1	5.1	4.8	4.8	4.6	4.8	4.6	4.4	4.3	4.1	1.7	987.4
100,0°	4.4	4.4	4.3	4.1	4.1	3.9	3.9	3.8	3.8	3.8	3.4	1.4	988.9
102,5°	4.1	3.9	3.8	3.8	3.8	3.4	3.4	3.4	3.4	3.4	3.1	1.3	990.2
105,0°	3.8	3.8	3.6	3.4	3.4	3.4	3.4	3.2	3.1	3.1	3.1	1.2	991.4
107,5°	3.8	3.6	3.4	3.4	3.2	3.1	3.1	3.1	3.1	3.1	3.1	1.2	992.6
110,0°	3.6	3.4	3.4	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	1.1	993.7
112,5°	3.4	3.4	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	1.1	994.8

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP-Nummer</b> <b>58714_22</b>
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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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°
$\gamma$	Lichtstärke in cd/klm												
115,0°	4.3	4.6	4.6	4.6	4.8	4.8	4.9	5.1	5.3	5.5	5.5	5.3	5.3
117,5°	4.1	4.3	4.4	4.6	4.6	4.8	4.9	5.1	5.3	5.3	5.3	5.3	5.3
120,0°	3.6	3.9	4.1	4.3	4.1	4.4	4.6	4.9	4.9	4.9	4.9	5.1	4.8
122,5°	2.7	3.2	3.1	3.4	3.4	3.6	3.8	4.1	4.1	4.1	4.1	4.1	3.9
125,0°	1.7	2.2	2.2	2.4	2.4	2.6	2.7	2.9	2.9	3.1	2.7	2.9	2.6
127,5°	1.0	1.4	1.4	1.7	1.5	1.7	1.9	2.2	2.2	2.2	2.0	1.9	1.9
130,0°	1.0	1.2	1.2	1.4	1.4	1.5	1.7	1.9	1.9	1.9	1.7	1.7	1.5
132,5°	0.7	0.9	1.0	1.0	1.2	1.4	1.4	1.5	1.7	1.5	1.5	1.4	1.2
135,0°	0.3	0.7	0.7	0.9	1.0	1.0	1.2	1.5	1.5	1.4	1.5	1.4	1.0
137,5°	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
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142,5°	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
145,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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
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

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP-Nummer</b> <b>58714_22</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°	5.3	5.5	5.5	5.5	5.5	5.5	4.1	4.1	3.9	3.8	3.8	3.4	3.4
117,5°	5.3	5.1	5.1	5.1	5.1	5.1	4.1	3.8	3.8	3.4	3.4	3.4	3.1
120,0°	4.9	4.8	4.8	4.8	4.8	4.8	3.4	3.4	3.1	3.1	3.1	3.1	2.7
122,5°	4.1	3.9	3.9	3.8	3.9	3.8	2.7	2.7	2.4	2.4	2.4	2.4	2.2
125,0°	2.7	2.4	2.6	2.4	2.4	2.4	1.7	1.7	1.7	1.7	1.5	1.5	1.4
127,5°	1.7	1.5	1.5	1.4	1.4	1.4	1.2	1.2	1.0	1.0	1.0	1.0	1.0
130,0°	1.5	1.4	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
132,5°	1.2	1.0	0.9	0.9	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
135,0°	1.0	0.7	0.7	0.5	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5
137,5°	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
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142,5°	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
145,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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
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
$\gamma$	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	3.4	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	1.1	995.9
117,5°	3.1	3.1	2.9	2.9	3.1	3.1	3.1	2.9	3.1	3.1	3.1	1.0	996.9
120,0°	2.7	2.6	2.7	2.7	2.7	2.9	2.7	2.9	2.9	3.1	3.1	0.9	997.8
122,5°	2.0	2.0	2.0	2.0	2.2	2.4	2.4	2.6	2.7	2.7	3.1	0.7	998.5
125,0°	1.4	1.4	1.4	1.4	1.7	1.7	1.9	2.0	2.2	2.6	2.7	0.5	999.0
127,5°	1.0	1.0	1.0	1.2	1.4	1.4	1.7	1.9	2.0	2.4	2.4	0.3	999.3
130,0°	0.9	0.9	1.0	1.2	1.2	1.5	1.7	1.9	2.0	2.4	2.4	0.3	999.6
132,5°	0.7	0.7	0.7	0.9	1.2	1.2	1.5	1.9	1.9	2.2	2.4	0.2	999.8
135,0°	0.5	0.5	0.7	0.9	0.9	1.2	1.5	1.7	1.9	2.2	2.4	0.2	1000.0
137,5°	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
140,0°	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
142,5°	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
145,0°	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
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
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

<b>Familie</b> <b>LATERNE LED</b>	<b>Bestell-Nr.: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP-Nummer</b> <b>58714_22</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	4240	33.6	35.9	34.8
95	241	252	4023	31.3	33.5	32.4
90	229	250	3823	29.4	31.4	30.4
85	216	248	3606	27.3	29.2	28.2
80	203	246	3389	25.4	27.1	26.2
75	190	243	3172	23.5	25.1	24.3
70	178	241	2971	21.9	23.3	22.6
65	165	238	2754	20.1	21.4	20.8
60	152	235	2537	18.4	19.5	19.0
55	140	232	2337	16.8	17.9	17.4
50	127	229	2120	15.2	16.2	15.7
45	114	225	1903	13.6	14.5	14.0
40	102	221	1703	12.2	13.0	12.6
35	89	216	1486	10.7	11.3	11.0
30	76	210	1269	9.2	9.7	9.4
25	63	203	1052	7.8	8.2	8.0
20	51	195	851	6.6	6.9	6.8
15	38	184	634	5.2	5.5	5.4
11	28	173	467	4.1	4.4	4.2