

## Lichttechnischer Prüfbefund

**Familie**  
**LATERNE CLASSIC LED**

**Bestell-Nr.: 5XA5245EF14H**  
**EAN: 4058352635841**

**LP-Nummer**  
**57124\_30**



<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 3000 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG SITECO iQ
<b>Bemessungswerte</b>	Nettolichtstrom = 1380 lm Systemleistung = 10.5 W Lichtausbeute = 131.4 lm/W

**Seriendokumentation**  
**08.07.2022**

**siteco**

**Lichtstärke in cd/klm**

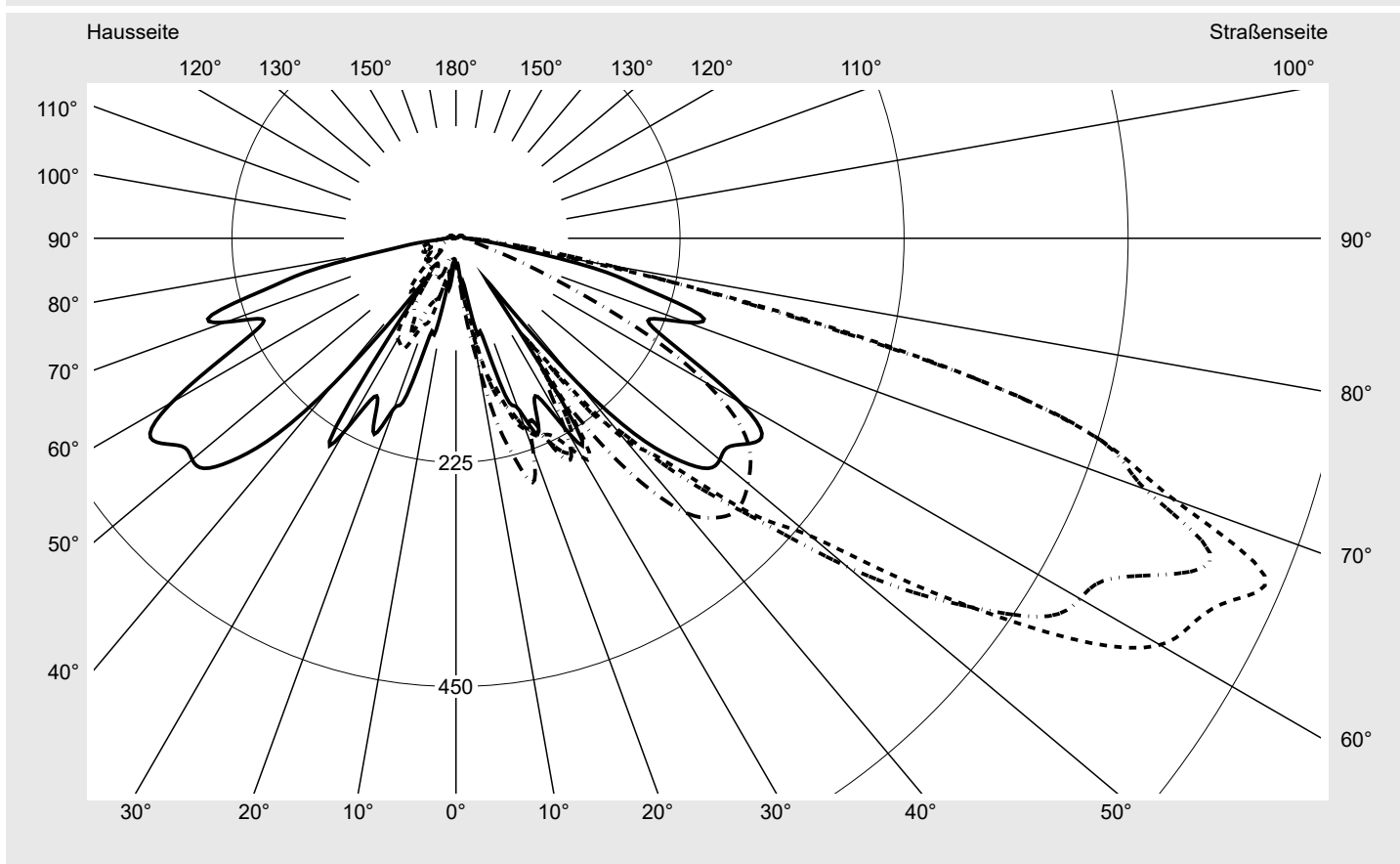
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 877 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	97.4%
Eta 90° - 180°	2.6%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G1
Imax 70°	767.4
Imax 80°	154.8
Imax 90°	11.0
Imax >90°	10.7
Imax >95°	10.0

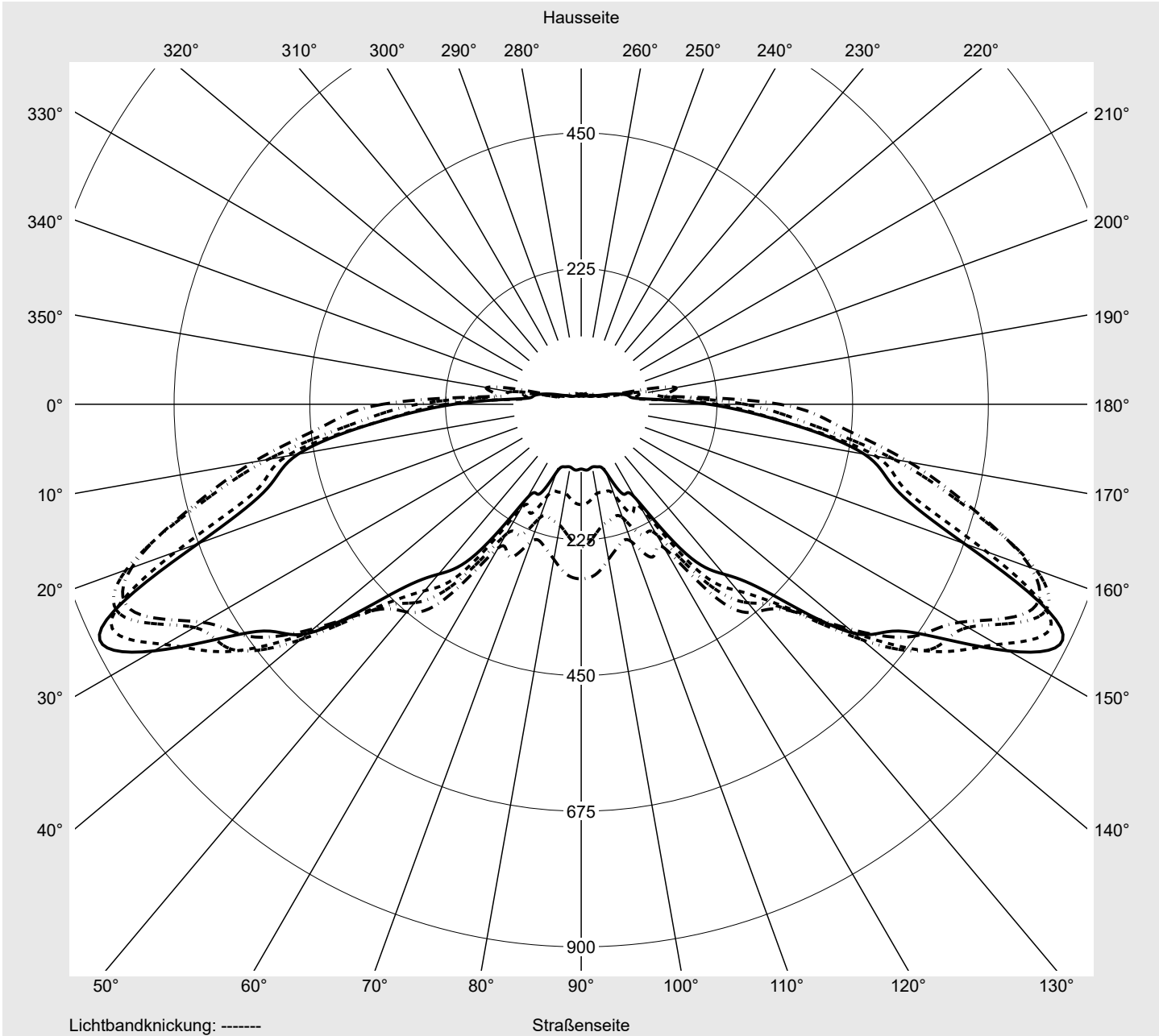
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

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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°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
2,5°	25.6	25.6	26.0	26.3	26.7	27.0	27.8	28.5	29.2	29.9	30.6	31.0	31.0
5,0°	30.6	32.4	33.8	35.6	36.6	37.0	38.4	39.5	40.2	41.3	40.9	40.9	41.3
7,5°	50.5	52.7	52.3	54.4	57.6	57.3	60.8	60.8	63.0	64.8	64.0	62.3	60.8
10,0°	49.5	59.1	68.7	79.0	80.8	86.1	98.2	105.7	113.1	114.9	111.4	97.8	91.8
12,5°	97.8	107.8	118.5	122.7	135.9	136.3	137.7	141.3	142.7	139.1	132.7	126.3	127.4
15,0°	100.0	143.7	148.7	175.8	170.4	155.5	169.0	180.7	191.1	198.5	177.9	169.4	161.5
17,5°	166.5	142.7	153.3	183.6	190.7	188.6	181.1	197.8	204.6	205.6	213.8	191.8	191.4
20,0°	181.5	198.5	214.9	222.7	250.8	204.6	201.7	189.3	197.1	194.3	209.6	190.4	189.6
22,5°	212.8	232.7	239.1	227.0	232.3	214.9	209.2	198.9	202.4	192.1	217.7	204.6	200.3
25,0°	188.9	181.8	180.0	186.1	200.3	217.4	228.1	224.5	241.6	214.5	233.8	227.7	214.9
27,5°	180.4	192.5	208.9	217.0	225.9	230.2	243.4	233.4	258.7	229.8	233.0	209.6	210.3
30,0°	223.4	233.8	261.9	264.4	256.5	253.7	236.2	215.3	258.0	243.7	258.3	218.5	198.2
32,5°	224.5	218.5	217.7	200.0	216.7	239.1	189.6	151.2	167.9	160.8	192.5	194.3	189.6
35,0°	72.2	68.0	69.0	76.5	93.9	138.0	122.4	119.9	169.4	154.4	207.8	206.4	218.1
37,5°	82.2	94.3	127.4	148.7	170.1	189.3	213.8	209.2	227.7	215.6	250.8	232.7	228.8
40,0°	187.1	196.8	224.2	241.9	247.3	263.3	248.0	238.4	262.2	285.7	290.0	262.6	282.9
42,5°	268.3	270.4	285.3	287.5	285.3	295.3	306.7	303.8	309.9	355.1	380.7	328.8	354.0
45,0°	313.8	311.7	341.9	343.0	345.1	349.7	365.4	366.5	408.5	405.6	449.7	377.9	385.3
47,5°	341.9	355.8	408.5	418.1	428.7	416.3	429.1	412.7	450.8	447.9	474.6	405.2	396.0
50,0°	345.8	375.0	479.3	467.5	508.8	465.0	513.1	482.1	470.4	460.4	499.5	424.8	393.2
52,5°	344.4	375.0	472.9	499.9	572.1	559.3	587.1	558.2	487.8	474.6	496.7	424.8	377.5
55,0°	359.4	401.3	481.7	555.8	655.4	659.6	651.1	603.4	510.6	479.6	491.4	435.1	344.1
57,5°	364.3	436.9	523.4	618.4	746.5	756.4	705.9	629.4	542.6	489.2	474.3	410.2	322.0
60,0°	329.5	431.6	552.2	672.8	793.4	816.5	723.7	671.4	579.2	482.8	449.7	394.2	275.0
62,5°	271.5	381.8	527.3	662.8	802.7	835.4	740.4	708.4	607.7	479.6	429.8	360.1	249.1
65,0°	224.9	339.8	496.3	559.7	715.5	860.0	797.0	715.1	589.9	473.9	403.8	335.5	198.9
67,5°	211.3	338.7	476.8	538.7	676.0	877.4	818.3	657.2	591.3	445.5	367.9	302.4	180.0
70,0°	246.2	365.4	479.3	532.3	625.1	767.4	736.5	627.6	520.9	404.9	328.0	273.2	131.6
72,5°	258.0	381.1	446.2	523.7	619.8	683.5	682.8	547.9	417.3	335.5	262.6	219.2	120.6
75,0°	197.8	327.0	402.8	435.8	514.5	533.3	530.5	388.9	269.0	227.7	218.1	194.6	89.3
77,5°	149.1	227.7	250.1	290.3	323.4	309.2	292.1	207.8	175.4	164.4	160.1	159.0	91.1
80,0°	76.5	91.8	106.0	145.5	134.5	127.0	154.8	138.8	114.9	82.9	69.7	82.5	36.6
82,5°	44.5	48.4	53.0	80.8	65.8	54.8	77.6	95.7	74.0	50.9	31.0	23.1	16.0
85,0°	18.9	21.0	21.7	24.2	19.2	25.6	39.8	46.6	28.5	22.4	14.6	13.5	12.1
87,5°	12.8	13.2	13.2	14.2	15.3	16.7	21.7	18.5	17.4	14.6	11.7	11.4	10.7
90,0°	8.5	9.3	10.0	10.7	11.0	11.0	11.0	11.0	11.0	10.3	10.3	9.6	9.3
92,5°	8.5	9.3	9.6	10.3	10.3	10.7	10.3	10.3	10.3	10.0	9.6	9.6	9.3
95,0°	8.5	9.3	9.3	10.0	10.0	10.3	10.3	10.0	10.0	10.0	9.6	9.6	9.3
97,5°	8.5	8.5	9.3	9.3	9.6	10.0	10.0	9.6	9.3	9.3	9.3	9.3	9.3
100,0°	7.8	8.5	8.5	8.9	8.9	9.3	9.3	9.3	9.3	9.3	8.9	8.9	8.5
102,5°	7.1	7.8	7.8	8.2	8.2	8.5	8.5	8.5	8.2	8.5	8.5	8.5	8.5
105,0°	6.8	7.1	7.5	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
107,5°	6.4	6.4	7.1	7.1	7.1	7.5	7.5	7.1	7.1	7.8	7.5	7.5	7.8
110,0°	5.7	6.4	6.4	6.4	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
112,5°	5.7	5.7	6.0	6.4	6.4	6.8	6.8	6.8	6.8	6.4	6.4	6.4	6.4

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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°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
2,5°	31.3	31.3	31.7	31.7	31.3	31.3	25.3	25.3	24.9	24.5	24.5	24.2	24.2
5,0°	44.8	45.9	47.0	46.6	45.9	45.5	29.2	28.1	27.0	26.7	26.0	25.3	25.3
7,5°	59.4	61.2	67.6	74.4	82.5	85.4	45.2	40.2	35.6	31.7	28.8	26.7	24.9
10,0°	82.5	85.4	104.6	115.6	125.2	128.8	47.7	47.7	51.6	53.4	50.5	39.1	30.2
12,5°	127.4	134.8	154.4	169.0	181.8	188.6	73.3	79.3	69.7	52.7	43.1	30.2	34.2
15,0°	165.8	164.7	181.1	210.6	224.9	229.1	85.0	68.0	60.1	60.5	55.1	55.1	68.0
17,5°	195.7	195.0	207.8	239.4	253.3	256.9	139.1	80.4	103.9	89.7	84.7	64.4	75.4
20,0°	201.0	186.8	182.2	214.5	225.9	226.3	165.8	86.1	128.1	113.1	92.2	68.7	72.2
22,5°	211.7	188.2	169.4	187.9	196.0	197.1	187.1	103.9	144.1	119.9	103.5	81.1	65.8
25,0°	223.1	213.1	204.9	232.0	234.8	232.7	173.6	80.8	143.4	142.7	122.0	104.2	72.9
27,5°	232.0	219.5	211.7	243.0	251.2	249.8	142.7	59.8	132.7	119.5	120.6	89.3	65.8
30,0°	212.4	197.5	189.3	206.4	213.1	214.9	174.0	49.1	133.1	117.8	116.7	83.6	58.7
32,5°	188.9	183.2	185.0	190.7	181.1	172.9	173.3	70.8	154.4	120.3	103.9	71.5	44.1
35,0°	226.6	197.1	195.7	228.1	240.5	244.8	86.8	53.7	94.3	75.8	65.5	43.4	35.9
37,5°	243.0	237.0	249.1	295.0	310.6	314.5	73.6	52.7	53.0	49.5	43.1	33.1	27.0
40,0°	309.2	293.5	306.3	342.6	355.8	360.1	139.8	60.1	105.7	90.4	68.0	38.8	29.2
42,5°	378.9	335.5	336.6	371.1	377.9	380.7	176.1	104.2	145.9	114.9	67.6	38.8	35.9
45,0°	411.3	343.7	367.5	383.5	389.2	391.4	229.5	131.3	179.7	126.7	56.6	37.0	42.7
47,5°	414.9	355.8	373.6	385.0	389.2	390.7	193.9	137.7	183.9	108.9	44.5	37.7	45.5
50,0°	407.7	344.1	370.4	377.1	382.1	382.8	200.0	145.5	190.7	82.9	33.4	36.3	42.3
52,5°	373.2	325.6	354.0	363.3	371.8	372.9	195.3	145.9	184.7	62.3	34.9	36.3	38.4
55,0°	345.8	301.7	327.3	339.4	353.7	357.9	190.7	166.2	163.0	48.7	32.0	37.0	35.6
57,5°	312.4	274.0	292.8	307.4	324.8	330.9	182.5	150.5	115.6	43.8	29.9	33.8	32.0
60,0°	279.7	242.3	242.3	261.2	282.9	289.6	149.4	159.0	73.3	43.4	30.6	30.6	28.8
62,5°	239.4	200.3	196.8	203.9	222.4	236.2	141.3	119.2	54.1	38.4	31.3	28.5	25.6
65,0°	199.6	160.1	150.5	150.1	161.2	166.5	98.2	97.1	55.9	39.8	32.7	28.5	24.2
67,5°	164.4	120.3	107.5	105.7	109.6	107.5	103.5	80.1	65.5	48.4	35.6	28.8	23.1
70,0°	134.1	90.4	64.4	64.4	65.8	67.6	104.2	88.2	70.1	46.6	33.8	26.7	22.1
72,5°	102.8	71.5	44.5	39.5	38.4	39.8	124.5	88.6	61.6	40.2	35.6	26.7	21.3
75,0°	76.5	42.0	31.7	27.8	26.3	26.3	80.8	69.7	52.3	39.8	37.0	27.0	21.7
77,5°	57.6	27.8	23.1	21.0	19.9	19.9	71.5	51.9	40.9	37.4	31.3	25.6	21.0
80,0°	21.0	17.4	16.7	16.0	16.4	16.4	48.7	41.3	33.1	34.2	28.5	25.3	20.6
82,5°	14.2	13.2	13.2	12.8	13.5	13.5	31.0	28.8	24.2	24.5	23.1	19.9	16.7
85,0°	12.1	11.7	11.7	11.7	12.1	12.1	16.4	16.0	19.9	21.7	19.2	16.7	13.9
87,5°	10.7	10.7	10.7	10.7	11.4	11.4	12.5	11.7	13.2	14.2	12.1	11.7	11.0
90,0°	10.0	10.0	10.0	10.0	10.0	10.0	8.2	7.8	7.8	7.1	7.1	6.8	6.4
92,5°	9.3	10.0	10.0	10.0	10.0	10.0	7.8	7.8	7.8	7.1	7.1	7.1	6.8
95,0°	9.3	9.3	9.6	10.0	10.0	10.0	7.8	7.8	7.8	7.1	7.1	7.1	6.8
97,5°	9.3	9.3	9.3	9.3	9.6	10.0	7.8	7.8	7.5	7.1	7.1	7.1	6.8
100,0°	8.9	8.9	8.9	9.3	9.3	9.3	7.5	7.1	7.1	7.1	6.8	6.4	6.4
102,5°	8.5	8.5	8.5	8.5	8.9	8.5	7.1	6.4	6.4	6.4	6.4	6.4	5.7
105,0°	7.8	8.5	8.5	8.5	8.5	8.5	6.4	6.4	6.4	6.0	5.7	5.7	5.7
107,5°	7.8	7.8	7.8	7.8	7.8	7.1	6.0	5.7	5.7	5.7	5.0	5.0	5.0
110,0°	7.1	7.1	7.5	7.1	7.5	7.1	5.7	5.0	5.0	5.0	5.0	5.0	5.0
112,5°	6.8	7.1	7.1	7.1	6.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.3

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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
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	0.0	0.0
2,5°	23.8	23.1	22.4	22.4	21.7	21.7	21.7	21.3	21.3	21.0	21.3	0.3	0.4
5,0°	24.5	24.2	23.1	22.4	22.1	21.7	21.7	21.3	21.3	21.0	21.3	0.8	1.1
7,5°	24.2	23.5	22.4	21.7	21.7	21.3	21.3	21.3	21.0	21.0	20.6	1.6	2.7
10,0°	24.9	23.5	22.8	21.7	21.0	21.0	20.6	20.6	20.3	20.3	19.9	3.0	5.7
12,5°	39.8	39.8	31.0	24.9	22.1	21.3	20.3	19.9	19.6	19.6	19.2	5.2	11.0
15,0°	54.4	43.4	47.0	51.2	42.3	32.0	23.5	21.7	21.0	20.3	19.9	7.9	18.9
17,5°	64.4	53.4	45.2	41.6	37.7	35.6	39.5	34.2	29.2	23.8	20.6	10.7	29.6
20,0°	59.8	51.2	43.1	43.1	42.7	39.8	36.6	32.0	26.3	31.7	37.7	12.8	42.4
22,5°	56.2	43.1	40.2	39.1	39.5	38.1	38.4	37.0	31.7	36.3	41.3	14.7	57.2
25,0°	59.8	42.0	37.7	37.7	38.1	39.1	44.1	43.4	34.9	42.7	47.0	16.9	74.1
27,5°	51.6	43.4	39.8	39.8	39.8	41.3	42.7	40.2	35.9	38.4	40.6	18.7	92.8
30,0°	48.0	45.9	42.3	40.9	40.6	39.8	41.6	40.2	33.1	35.6	37.0	20.6	113.4
32,5°	48.0	51.6	51.2	49.5	45.5	41.3	39.1	36.3	30.6	31.7	33.4	19.5	132.8
35,0°	42.0	47.7	49.5	51.2	48.7	45.5	41.3	37.4	29.9	29.5	31.3	16.7	149.5
37,5°	28.8	38.1	44.1	49.1	48.7	45.9	43.1	39.5	31.0	29.9	32.7	21.5	171.0
40,0°	26.0	26.0	31.0	37.7	43.1	43.1	43.4	40.2	33.8	36.3	41.3	29.0	200.0
42,5°	34.5	28.1	24.9	24.2	29.2	34.2	37.7	37.0	35.6	38.8	41.3	36.3	236.3
45,0°	41.3	35.2	30.2	26.0	25.6	24.9	26.0	28.5	29.5	31.3	33.4	42.9	279.2
47,5°	41.6	35.2	31.3	28.8	27.8	24.2	22.8	22.4	21.7	23.1	24.2	48.0	327.2
50,0°	38.8	34.5	30.2	27.8	25.6	24.9	22.8	21.0	18.9	18.9	19.2	52.3	379.4
52,5°	35.6	32.0	29.2	26.7	25.3	22.8	21.3	20.3	19.2	19.6	20.6	55.4	434.8
55,0°	32.4	28.8	26.7	24.5	23.8	22.8	21.3	19.6	17.4	18.1	19.2	58.6	493.4
57,5°	29.2	26.3	23.8	22.4	22.1	21.3	20.3	18.5	17.1	17.4	17.8	61.1	554.5
60,0°	26.0	23.5	21.3	20.3	20.3	19.6	18.5	17.1	16.7	17.4	17.1	61.7	616.2
62,5°	23.1	21.0	19.6	18.9	18.5	18.1	17.1	15.3	15.7	16.0	16.4	59.9	676.0
65,0°	21.3	19.2	18.1	17.4	17.1	16.4	15.7	14.2	14.9	14.9	14.2	56.4	732.4
67,5°	20.3	18.5	17.4	16.7	16.0	14.9	14.2	13.5	13.9	13.5	13.5	54.1	786.5
70,0°	19.2	17.4	16.0	15.3	14.2	13.5	12.8	12.1	12.8	12.1	12.1	50.3	836.9
72,5°	18.5	16.0	14.6	13.9	12.8	12.1	11.4	11.0	11.0	10.7	10.7	46.1	883.0
75,0°	17.8	15.3	13.2	12.1	11.4	10.7	10.0	9.6	10.0	9.6	9.3	36.8	919.8
77,5°	17.1	14.2	11.7	11.0	10.3	9.6	8.9	8.5	8.5	8.5	8.5	24.9	944.7
80,0°	16.4	13.5	11.0	9.6	8.9	8.2	7.1	7.1	7.1	7.1	7.1	13.4	958.1
82,5°	14.6	11.7	9.6	8.2	7.5	6.8	6.0	5.7	5.7	5.0	5.0	7.9	966.0
85,0°	11.4	9.6	8.2	7.1	6.0	5.7	5.0	5.0	5.0	4.3	4.3	4.3	970.3
87,5°	9.3	7.8	6.8	6.0	5.3	5.0	4.3	4.3	4.3	3.6	3.6	3.0	973.3
90,0°	6.4	6.0	5.7	5.0	5.0	4.6	4.3	4.3	3.9	3.9	3.6	2.2	975.5
92,5°	6.4	6.4	6.0	5.7	5.3	5.3	5.0	5.0	4.3	4.3	4.3	2.2	977.7
95,0°	6.4	6.4	6.0	5.7	5.7	5.3	5.0	5.0	4.6	4.3	5.0	2.2	979.9
97,5°	6.4	6.0	6.4	6.0	5.7	5.3	5.0	5.0	4.3	4.3	4.3	2.1	982.0
100,0°	6.0	6.4	5.7	5.7	5.7	5.0	5.0	5.0	4.3	4.3	4.3	2.0	984.0
102,5°	5.7	5.7	5.7	5.0	5.0	5.0	4.3	4.3	4.3	3.9	4.3	1.9	985.9
105,0°	5.3	5.0	5.0	5.0	5.0	4.3	4.3	3.9	3.6	3.6	3.6	1.7	987.6
107,5°	5.0	5.0	4.3	4.3	4.3	3.9	3.6	3.6	2.8	2.8	2.8	1.6	989.1
110,0°	4.6	4.3	4.3	4.3	3.9	3.6	3.6	2.8	2.8	2.8	2.8	1.5	990.6
112,5°	4.3	4.3	4.3	3.9	3.6	3.6	3.2	2.8	2.8	2.8	2.1	1.3	991.9

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LATERNE CLASSIC LED</b>	<b>Bestell-Nr.: 5XA5245EF14H</b> <b>EAN: 4058352635841</b>	<b>LP-Nummer</b> <b>57124_30</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°	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
117,5°	6.0	8.2	5.7	5.7	5.7	6.0	6.0	6.0	5.7	5.7	6.0	6.4	6.4
120,0°	5.0	5.0	5.0	5.0	5.3	5.7	5.3	5.3	5.3	5.3	5.7	5.7	5.7
122,5°	4.3	5.0	5.0	5.0	5.0	5.0	5.3	5.0	5.0	5.0	5.3	5.7	5.7
125,0°	4.6	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.6
127,5°	2.8	3.2	3.2	3.2	2.8	3.6	3.2	3.6	3.2	3.6	3.6	3.6	3.6
130,0°	2.5	2.8	2.5	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.5
132,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	2.1	2.1	2.1	2.1	2.1	2.1	1.8	1.8	2.1	2.1	1.8	2.1	2.1
137,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	1.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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 CLASSIC LED</b>	<b>Bestell-Nr.: 5XA5245EF14H</b> <b>EAN: 4058352635841</b>	<b>LP-Nummer</b> <b>57124_30</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°	6.4	6.4	6.8	7.1	5.7	2.8	5.0	5.0	5.0	4.6	4.3	4.3	4.3
117,5°	6.4	6.4	6.4	6.4	5.0	2.8	5.0	5.0	4.3	4.3	4.3	4.3	4.3
120,0°	5.7	5.7	5.7	5.7	4.3	2.1	4.3	4.3	4.3	4.3	4.3	4.3	3.6
122,5°	5.7	5.7	5.7	5.7	3.6	1.4	4.3	4.3	4.3	3.9	3.6	3.6	3.6
125,0°	5.0	5.0	5.0	5.0	2.8	1.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
127,5°	3.6	3.6	3.6	3.6	2.1	1.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8
130,0°	2.5	2.5	2.1	2.1	1.4	1.4	2.5	2.1	2.8	2.1	2.1	2.1	2.1
132,5°	2.1	2.1	2.1	2.1	1.4	0.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	2.1	2.1	1.8	1.4	1.1	0.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
137,5°	1.4	1.4	1.4	1.4	0.7	0.7	1.8	1.8	1.8	1.4	1.8	1.8	2.1
140,0°	1.1	1.4	1.4	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.1	1.4	1.4	1.4	1.4	1.4
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.1
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°	4.3	4.3	4.3	3.9	3.6	3.6	3.2	2.8	2.8	2.5	2.1	1.3	993.2
117,5°	4.3	4.3	3.6	3.6	3.6	3.6	2.8	2.8	2.8	2.1	2.1	1.2	994.4
120,0°	3.6	3.6	3.6	3.6	3.6	2.8	2.8	2.8	2.1	2.1	2.1	1.0	995.4
122,5°	3.6	3.6	3.6	3.6	3.2	2.8	2.8	2.8	2.1	1.8	1.4	1.0	996.4
125,0°	3.6	2.8	2.8	2.8	2.8	2.8	2.5	2.1	2.1	1.8	1.4	0.8	997.2
127,5°	2.8	2.8	2.8	2.8	2.5	2.5	2.1	2.1	1.8	1.4	1.4	0.6	997.9
130,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	0.5	998.3
132,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	0.4	998.7
135,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	1.4	0.4	999.1
137,5°	1.8	1.8	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.3	999.4
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.4	0.7	0.2	999.6
142,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.1	1.1	0.7	0.7	0.2	999.8
145,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.7	0.7	0.7	0.7	0.1	999.9
147,5°	1.1	1.1	0.7	0.7	1.1	0.7	0.7	0.7	0.7	0.7	0.7	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

<b>Familie</b> <b>LATERNE CLASSIC LED</b>	<b>Bestell-Nr.: 5XA5245EF14H</b> <b>EAN: 4058352635841</b>	<b>LP-Nummer</b> <b>57124_30</b>
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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>siteco</b>
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1380	10.5	10.8	10.6
95	241	252	1309	10.0	10.3	10.2
90	229	250	1244	9.4	9.8	9.6
85	216	248	1174	8.9	9.2	9.0
80	203	246	1103	8.3	8.7	8.5
75	190	243	1032	7.8	8.1	8.0
70	178	241	967	7.3	7.6	7.4
65	165	238	896	6.9	7.1	7.0
60	152	235	826	6.4	6.6	6.5
55	140	232	761	5.9	6.1	6.0
50	127	229	690	5.4	5.6	5.5
45	114	225	619	5.0	5.2	5.1
40	102	221	554	4.6	4.7	4.6
35	89	216	484	4.1	4.3	4.2
30	76	210	413	3.7	3.8	3.8
28	72	208	391	3.5	3.7	3.6