

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 5XA5245KF14HP**  
**EAN: 4058352834572**

**LP-Nummer**  
**58716\_19**



**Ausführung** Mastaufsatz- oder Montage am Wandausleger  
**Optik** asymmetrisch, breit strahlend (ST1.2a)  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 4000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 4430 lm  
 Systemleistung = 33.6 W  
 Lichtausbeute = 131.8 lm/W

**Seriendokumentation**  
24.05.2022

siteco

**Lichtstärke in cd/klm**

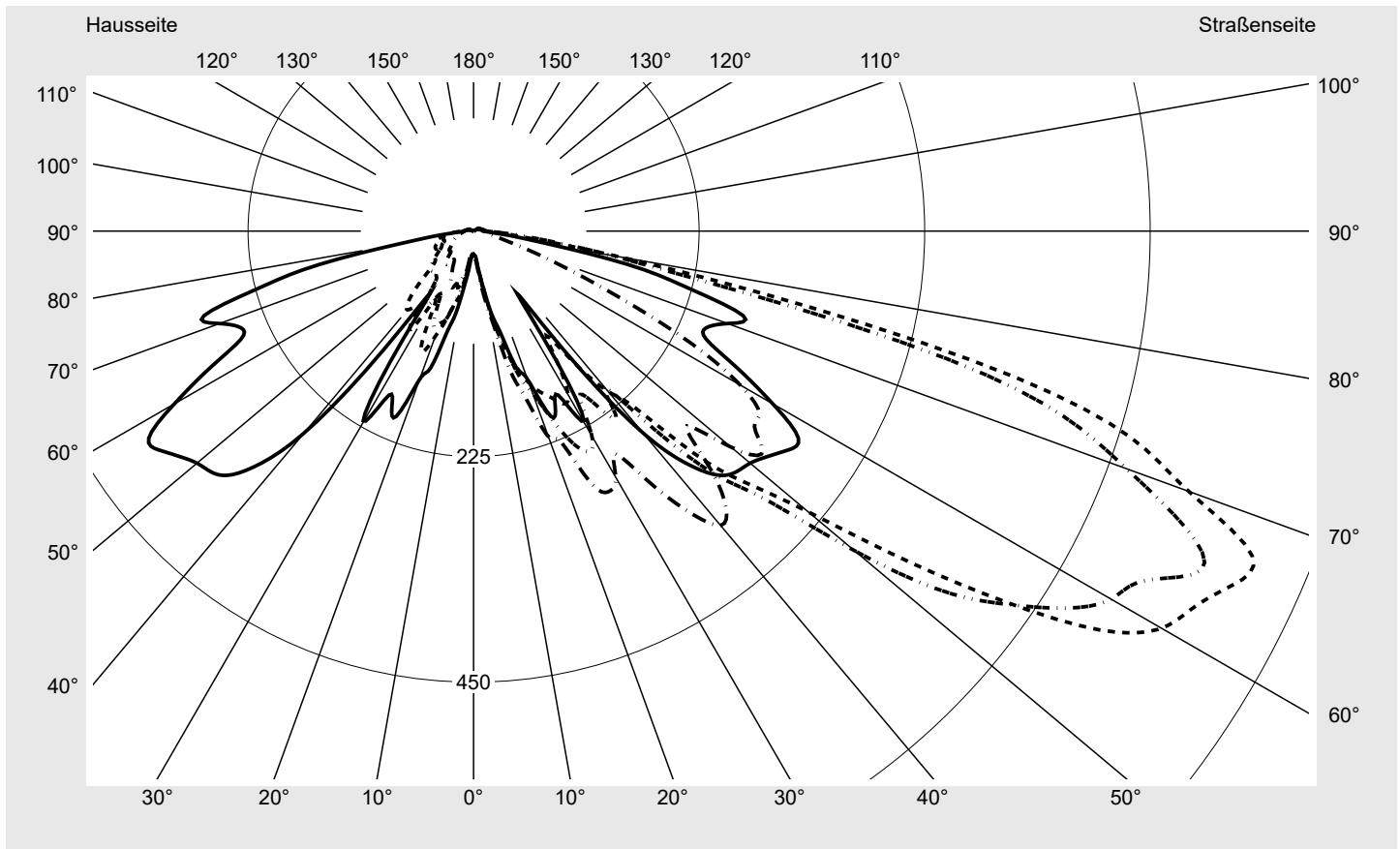
C180-0

C205-25

C210-30

C270-90

**Imax: 839 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta 100.0%  
 Eta 0° - 90° 97.5%  
 Eta 90° - 180° 2.5%

**Lichtstärkeklasse nach EN13201-2**

Klasse: G1  
 Imax 70° 759.0  
 Imax 80° 170.3  
 Imax 90° 12.9  
 Imax >90° 11.8  
 Imax >95° 9.9

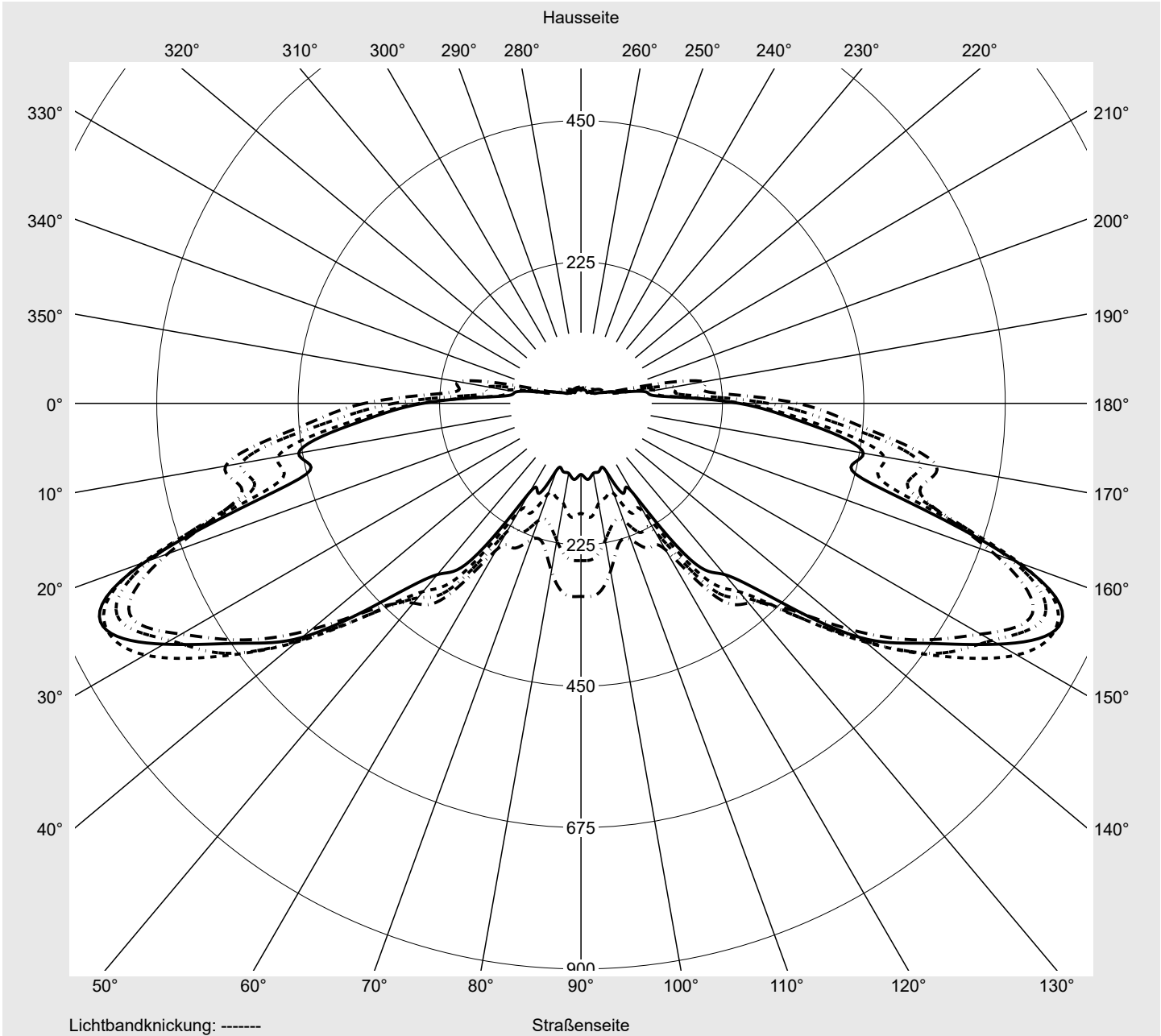
**Messbedingungen**

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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2,5°	24.9	24.9	25.3	24.9	25.3	25.3	25.4	25.4	26.0	25.6	26.4	26.0	26.4
5,0°	26.6	26.8	27.7	27.9	29.4	29.4	31.1	30.4	31.9	30.6	31.7	30.2	32.1
7,5°	41.0	39.5	42.7	41.0	41.2	41.0	42.2	42.7	44.2	43.3	42.5	38.7	40.6
10,0°	59.8	49.9	54.9	55.6	60.2	61.0	66.7	65.5	71.4	66.3	69.7	65.3	64.8
12,5°	86.8	86.0	91.2	88.9	97.4	93.2	91.5	94.2	96.1	98.6	100.1	91.9	95.7
15,0°	107.1	108.6	111.1	115.6	120.6	119.4	117.5	136.2	149.3	136.0	133.5	124.0	115.3
17,5°	143.8	136.2	130.3	138.8	155.1	142.4	151.9	151.7	162.4	162.4	162.7	157.8	156.1
20,0°	157.2	177.0	170.7	175.1	196.4	160.8	171.5	171.9	177.6	169.2	172.8	166.5	175.8
22,5°	199.0	203.0	201.7	214.2	211.7	173.8	201.9	184.6	188.6	178.9	190.7	199.6	195.0
25,0°	192.7	179.8	178.5	187.4	202.6	183.2	232.8	223.1	220.3	208.9	215.9	205.1	209.5
27,5°	186.1	193.5	199.8	215.0	229.6	194.3	248.0	253.7	249.9	232.4	214.8	205.5	205.3
30,0°	219.3	229.4	238.7	240.4	238.7	188.6	236.2	233.0	258.6	248.6	232.2	209.5	208.5
32,5°	155.7	196.5	212.1	226.5	211.0	156.3	197.3	175.3	195.6	203.8	210.0	207.0	220.8
35,0°	75.8	60.6	73.5	123.1	156.9	127.4	209.8	191.8	210.4	207.7	234.7	225.8	235.9
37,5°	164.8	124.8	118.7	105.4	140.9	167.9	234.0	250.7	266.6	246.3	252.8	238.7	242.5
40,0°	262.8	256.2	256.7	228.8	235.5	209.3	202.6	204.3	242.3	294.9	292.1	264.5	271.6
42,5°	314.7	305.5	324.7	303.3	290.4	240.4	272.7	223.7	251.8	263.2	273.1	271.7	295.7
45,0°	344.3	340.5	372.4	357.8	310.7	319.8	346.7	315.4	338.0	318.6	302.5	275.2	282.8
47,5°	355.5	375.8	429.2	419.5	329.3	374.7	398.0	359.9	360.6	346.9	353.6	321.9	296.4
50,0°	360.2	409.6	479.3	471.5	351.1	435.8	496.0	444.7	399.0	356.2	356.2	324.2	303.3
52,5°	369.5	417.2	501.1	519.4	456.9	533.6	589.8	531.5	453.1	414.4	395.6	362.7	316.9
55,0°	381.5	431.3	507.4	530.0	553.7	641.8	649.1	575.2	487.8	449.7	419.1	384.0	302.1
57,5°	384.2	449.3	542.5	571.6	638.4	740.6	700.1	604.8	522.0	460.3	422.7	386.8	293.2
60,0°	344.7	454.2	574.2	559.8	700.0	792.4	734.5	656.3	560.0	461.3	414.9	376.9	269.1
62,5°	297.6	423.7	548.0	544.1	729.2	811.2	754.8	693.3	587.5	474.9	404.1	357.8	236.0
65,0°	256.5	378.5	489.9	506.3	742.9	835.5	800.8	701.5	591.1	473.2	391.0	333.6	200.9
67,5°	251.6	359.1	456.1	464.3	738.3	839.3	766.4	665.6	579.6	444.7	355.7	303.6	163.9
70,0°	269.7	379.8	407.7	455.2	681.9	759.0	693.1	616.2	511.4	397.8	320.2	273.3	131.6
72,5°	282.8	395.0	358.9	487.5	634.8	689.3	619.4	530.0	410.0	332.7	264.9	225.8	106.2
75,0°	224.8	325.9	296.8	427.6	522.6	551.8	481.4	381.9	273.1	228.8	207.7	189.7	89.6
77,5°	166.5	219.7	191.8	297.2	321.5	321.9	252.2	213.1	167.1	158.0	157.2	162.4	66.7
80,0°	81.7	103.7	91.0	170.3	151.9	147.4	138.2	139.2	115.6	90.8	72.0	84.7	31.3
82,5°	41.4	54.5	51.8	84.5	61.9	60.0	76.7	94.9	72.2	47.1	31.7	23.9	14.6
85,0°	19.7	26.0	26.0	31.7	23.9	34.8	41.8	44.2	28.5	23.0	16.1	14.6	12.2
87,5°	12.9	15.6	15.4	17.5	17.5	19.7	20.9	20.3	17.5	14.8	13.1	12.5	10.4
90,0°	9.5	12.0	12.3	12.7	12.9	12.9	12.5	12.2	11.6	11.8	11.2	10.6	9.9
92,5°	9.3	11.0	11.2	11.8	11.6	11.8	11.4	11.2	10.6	10.6	10.4	10.1	9.7
95,0°	8.5	9.5	9.7	10.3	10.6	10.8	10.4	10.3	9.9	9.7	9.7	9.5	9.3
97,5°	7.8	8.5	8.9	8.9	9.3	9.7	9.7	9.5	9.1	9.3	9.1	8.7	8.9
100,0°	7.0	7.4	7.8	8.2	8.2	8.5	8.5	8.5	8.2	8.5	8.4	8.4	8.2
102,5°	6.3	6.6	7.0	7.0	7.4	7.8	7.8	7.8	7.6	7.6	7.6	7.6	7.6
105,0°	5.9	5.9	6.3	6.6	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.2
107,5°	5.3	5.5	5.7	6.1	6.3	6.6	6.6	6.5	6.6	6.6	6.6	6.6	6.8
110,0°	5.1	5.1	5.5	5.9	6.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
112,5°	4.7	5.1	5.3	5.5	5.9	6.1	6.3	6.1	6.1	6.1	6.1	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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2,5°	25.8	26.4	26.0	26.8	26.2	27.0	25.1	24.7	24.7	24.3	24.5	23.7	23.7
5,0°	31.1	32.7	31.3	32.1	31.0	31.5	26.0	25.4	25.3	25.1	24.9	24.5	24.3
7,5°	40.4	42.2	42.0	46.5	47.5	50.1	41.2	35.7	38.9	33.6	38.7	31.7	36.3
10,0°	58.1	59.2	63.4	71.2	68.0	74.1	61.1	65.5	59.2	58.5	52.6	47.9	44.4
12,5°	83.7	89.6	92.5	100.6	99.9	102.5	80.9	82.8	82.6	73.7	67.8	62.3	62.5
15,0°	108.4	111.8	122.9	140.7	138.8	148.5	102.5	83.6	92.5	83.6	76.5	77.3	77.7
17,5°	153.8	162.2	164.4	169.2	167.1	176.6	135.0	105.0	120.0	106.9	94.9	92.9	92.3
20,0°	176.0	180.8	167.3	185.9	211.0	218.4	148.9	115.1	134.1	122.1	111.8	98.0	94.4
22,5°	209.6	205.7	183.6	194.6	214.8	227.5	185.5	130.3	149.4	145.7	129.7	103.3	83.7
25,0°	224.5	227.9	221.0	240.0	265.5	277.6	178.5	126.3	146.2	150.0	121.0	89.3	68.4
27,5°	230.3	236.4	244.6	260.2	285.8	292.8	182.3	116.8	121.2	98.7	86.6	71.2	60.6
30,0°	234.9	239.6	252.4	250.7	274.6	283.7	160.7	66.5	98.0	87.4	83.9	79.4	70.3
32,5°	245.2	251.8	263.2	236.4	257.9	263.6	122.9	52.4	121.9	123.1	116.2	88.1	57.7
35,0°	270.6	254.1	267.4	256.9	288.3	306.1	109.0	122.7	135.2	127.8	102.9	78.2	51.8
37,5°	267.8	261.3	298.3	297.0	337.3	353.6	182.1	159.1	135.2	117.0	95.3	61.5	44.4
40,0°	294.0	288.5	331.2	330.4	369.0	383.2	245.3	168.6	171.9	135.4	102.5	58.1	47.5
42,5°	332.3	305.5	347.1	337.3	367.4	372.2	293.2	192.0	195.0	151.5	97.0	54.5	53.9
45,0°	307.1	282.6	316.7	307.3	331.7	332.3	306.1	232.6	204.1	151.9	83.2	56.2	58.5
47,5°	295.5	269.7	293.8	277.4	291.9	288.3	292.1	245.7	210.2	139.2	65.3	57.5	57.5
50,0°	309.9	282.6	299.3	287.3	321.1	335.4	275.0	260.9	212.5	120.8	52.8	54.5	53.2
52,5°	312.0	293.4	317.9	323.4	358.3	363.1	265.9	279.5	202.2	102.2	48.0	51.8	48.6
55,0°	295.1	285.6	312.9	317.5	343.3	342.2	262.6	275.9	182.5	82.4	46.9	47.9	44.8
57,5°	272.5	254.3	267.9	301.6	330.8	338.0	248.6	248.2	148.5	63.0	45.4	43.5	41.2
60,0°	254.1	230.7	232.1	271.2	304.2	307.3	204.7	197.9	111.7	56.2	43.5	39.9	38.0
62,5°	226.7	198.6	197.5	221.6	246.9	250.3	160.5	151.5	78.2	52.2	41.8	36.7	33.4
65,0°	193.1	153.2	154.2	161.6	181.5	175.1	133.5	120.0	67.2	49.6	41.6	34.9	30.4
67,5°	158.0	112.8	111.8	113.0	121.5	113.2	128.7	105.0	69.3	54.7	41.4	33.8	27.5
70,0°	132.0	87.0	75.0	67.8	75.8	71.0	138.6	111.5	73.7	54.5	39.5	31.3	25.1
72,5°	106.7	68.2	47.9	41.4	43.5	41.8	128.7	107.1	68.0	51.7	37.2	30.6	24.1
75,0°	79.8	45.0	34.0	28.5	28.1	27.0	87.5	76.7	55.4	44.8	37.8	31.5	25.1
77,5°	54.9	26.2	23.9	21.1	20.9	20.1	74.6	62.1	48.4	41.6	36.3	30.6	25.4
80,0°	25.4	16.7	17.1	16.3	16.7	16.3	49.0	46.3	40.6	37.6	31.7	28.7	24.7
82,5°	13.9	12.7	13.1	12.9	13.5	13.3	31.0	32.9	32.3	30.8	27.2	25.4	21.1
85,0°	12.0	11.4	11.6	11.6	12.2	12.2	19.9	21.5	23.5	25.1	22.4	20.7	18.4
87,5°	10.6	10.3	10.8	10.8	11.0	11.0	14.8	16.0	16.0	17.1	15.6	15.8	14.6
90,0°	9.9	9.9	10.4	10.4	10.4	10.6	11.6	11.8	11.4	11.6	11.6	11.6	11.6
92,5°	9.7	9.7	10.3	10.3	10.4	10.6	10.6	10.6	10.1	10.6	10.4	10.6	10.3
95,0°	9.5	9.3	9.7	9.9	10.1	10.3	9.1	9.3	8.7	9.1	8.7	9.1	8.7
97,5°	9.1	9.1	9.3	9.5	9.7	9.9	8.2	8.2	7.6	7.8	7.8	8.0	7.8
100,0°	8.5	8.5	8.9	8.7	9.1	9.1	7.0	7.0	6.6	6.8	6.6	6.8	6.6
102,5°	8.0	8.0	8.2	8.2	8.4	8.4	6.3	6.3	5.9	6.3	5.9	6.1	5.9
105,0°	7.4	7.6	7.6	7.6	7.8	7.6	5.7	5.5	5.3	5.5	5.3	5.5	5.3
107,5°	6.8	6.8	7.0	7.0	7.2	7.2	5.3	5.1	4.7	4.7	4.7	4.9	4.7
110,0°	6.5	6.5	6.6	6.8	6.8	7.2	4.9	4.7	4.4	4.6	4.4	4.6	4.4
112,5°	6.3	6.5	6.5	6.5	6.6	6.8	4.7	4.7	4.2	4.4	4.2	4.4	4.0

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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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	0.0	0.0
2,5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.4	23.5	23.5	0.3	0.3
5,0°	23.9	23.9	23.7	23.5	23.7	23.7	23.7	23.5	23.5	23.4	23.5	0.7	1.0
7,5°	31.9	33.8	29.2	30.8	27.3	26.6	25.3	25.3	24.3	23.7	23.5	1.3	2.3
10,0°	40.3	36.7	40.1	38.5	40.1	36.8	37.8	38.2	39.5	43.7	40.3	2.6	4.9
12,5°	59.1	59.1	54.9	54.3	53.4	54.1	45.2	41.8	44.4	45.0	43.7	4.6	9.5
15,0°	72.7	59.4	65.7	64.6	63.6	58.9	39.7	40.6	54.1	58.9	58.1	6.9	16.4
17,5°	78.2	64.6	68.9	65.7	62.9	60.2	53.7	51.5	54.9	57.3	55.1	9.7	26.1
20,0°	76.7	60.0	63.4	60.4	60.2	58.5	49.9	49.0	49.4	54.5	59.6	12.3	38.4
22,5°	65.5	53.6	56.2	54.1	53.9	53.4	49.2	48.8	46.5	57.3	59.2	15.0	53.4
25,0°	56.8	49.9	51.5	49.2	49.4	49.2	49.8	47.9	45.4	51.7	53.6	17.3	70.7
27,5°	53.7	49.4	49.8	47.9	47.3	46.3	46.7	44.1	43.1	45.2	46.7	19.2	89.9
30,0°	56.6	50.3	50.5	47.9	45.4	44.4	44.2	40.4	39.3	39.7	41.4	20.9	110.8
32,5°	48.6	48.0	48.8	46.9	45.0	43.3	41.4	37.8	35.9	35.1	36.1	20.8	131.6
35,0°	49.6	49.8	49.8	48.2	45.0	43.3	41.4	38.9	35.7	33.8	34.6	21.0	152.6
37,5°	44.2	46.3	47.1	45.8	44.4	43.5	43.3	40.4	38.2	37.8	39.5	25.2	177.8
40,0°	43.7	40.3	40.3	39.9	39.7	40.1	41.2	39.7	40.1	41.0	43.3	31.2	209.1
42,5°	50.3	44.2	39.1	36.7	35.9	35.5	36.7	36.3	37.6	37.6	39.9	35.8	244.8
45,0°	53.7	48.4	43.3	38.5	35.5	33.6	32.3	32.3	33.4	33.6	34.9	40.0	284.8
47,5°	52.6	47.1	43.3	39.7	36.8	34.9	31.5	31.5	31.3	31.0	30.8	43.5	328.4
50,0°	48.6	44.8	41.4	37.6	35.5	34.0	31.3	32.3	31.1	31.5	30.8	48.2	376.6
52,5°	44.4	24.1	38.5	34.9	32.9	31.9	29.4	31.7	30.6	31.3	30.8	54.3	430.9
55,0°	40.4	37.4	35.1	31.5	30.0	29.6	28.3	29.8	28.7	29.1	28.1	58.1	489.1
57,5°	37.4	34.0	31.9	29.1	27.2	27.2	26.8	27.9	27.0	27.2	26.2	60.8	549.8
60,0°	34.8	31.0	29.4	26.8	25.1	25.4	25.6	26.0	26.0	26.0	24.7	61.5	611.3
62,5°	31.5	27.7	27.0	24.7	23.0	23.9	24.5	24.5	25.1	24.7	23.5	60.1	671.4
65,0°	27.9	24.9	24.5	23.2	21.1	22.2	23.2	23.2	23.7	23.2	22.0	57.7	729.1
67,5°	25.3	23.0	22.6	21.5	19.6	20.7	21.8	21.8	22.4	21.8	20.5	54.5	783.6
70,0°	23.4	21.3	21.1	19.7	17.7	19.0	20.3	20.3	21.1	20.5	19.0	50.5	834.2
72,5°	22.0	20.3	19.6	18.8	16.3	18.0	19.2	19.4	19.6	19.4	17.9	45.9	880.0
75,0°	21.6	19.6	18.2	17.5	15.4	17.1	18.0	18.2	18.4	18.2	16.7	36.6	916.6
77,5°	21.8	19.4	17.5	16.7	14.2	16.0	16.5	16.9	17.1	16.7	15.2	24.9	941.6
80,0°	21.6	18.8	16.9	15.8	12.9	14.4	15.0	15.0	15.2	14.8	13.3	14.6	956.1
82,5°	19.6	16.9	15.6	14.1	11.2	12.9	13.5	13.5	13.5	13.3	11.4	8.6	964.7
85,0°	16.9	15.0	13.9	12.9	9.7	12.0	12.3	12.3	12.3	12.2	10.6	5.3	970.0
87,5°	14.2	13.1	12.5	11.8	8.7	11.0	11.6	11.6	11.6	11.4	9.5	3.8	973.8
90,0°	11.8	11.4	11.6	11.2	8.7	10.8	11.2	11.4	11.2	11.0	9.5	3.1	976.9
92,5°	10.4	9.9	10.3	9.9	8.4	9.5	9.9	9.7	10.1	9.7	8.7	2.8	979.7
95,0°	8.7	8.2	8.7	8.4	7.4	7.8	8.2	7.8	8.2	8.0	7.6	2.5	982.2
97,5°	7.4	7.4	7.4	7.0	6.6	6.6	7.0	6.6	6.8	6.8	6.5	2.2	984.4
100,0°	6.6	6.3	6.3	6.3	5.9	5.9	5.9	5.7	5.7	5.7	5.7	2.0	986.4
102,5°	5.9	5.5	5.5	5.5	5.1	5.1	5.1	4.9	4.9	4.9	4.9	1.8	988.2
105,0°	5.1	4.9	4.9	4.7	4.6	4.4	4.4	4.4	4.4	4.2	3.8	1.6	989.8
107,5°	4.7	4.4	4.4	4.0	4.0	3.8	3.6	3.4	3.4	3.6	3.4	1.4	991.2
110,0°	4.4	3.6	3.8	3.6	3.6	3.4	3.4	3.4	3.4	3.2	3.4	1.3	992.5
112,5°	4.0	3.6	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.2	3.4	1.3	993.8

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LATERNE CLASSIC LED</b>	<b>Bestell-Nr.: 5XA5245KF14HP</b> <b>EAN: 4058352834572</b>	<b>LP-Nummer</b> <b>58716_19</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°	4.7	4.9	5.1	5.3	5.5	5.7	6.1	6.1	5.7	6.1	5.9	6.1	5.9
117,5°	4.4	4.7	4.9	4.9	5.3	5.5	5.7	5.5	5.5	5.5	5.7	5.7	5.7
120,0°	4.2	4.6	4.9	4.9	4.9	5.3	5.5	5.5	5.3	5.5	5.5	5.5	5.7
122,5°	3.4	3.8	4.0	4.2	4.4	4.7	4.9	5.1	5.1	5.3	4.9	5.1	5.1
125,0°	2.5	2.7	2.8	3.2	3.2	3.6	3.8	4.0	4.0	4.2	3.8	4.0	3.8
127,5°	1.7	1.7	1.9	2.1	2.1	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.5
130,0°	1.3	1.7	1.9	1.9	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.1	2.3
132,5°	1.1	1.3	1.3	1.5	1.7	1.9	1.9	2.1	2.3	2.1	2.1	1.7	1.7
135,0°	0.8	0.9	1.1	1.3	1.3	1.5	1.5	1.7	1.9	1.9	1.7	1.5	1.5
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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LATERNE CLASSIC LED</b>	<b>Bestell-Nr.: 5XA5245KF14HP</b> <b>EAN: 4058352834572</b>	<b>LP-Nummer</b> <b>58716_19</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°	6.1	6.1	6.1	6.1	6.5	6.5	4.4	4.4	4.0	4.0	4.0	4.0	4.0
117,5°	5.9	5.9	5.7	5.7	5.9	6.1	4.2	4.0	3.6	3.6	3.6	3.6	3.6
120,0°	5.7	5.5	5.5	5.5	5.7	5.7	3.8	3.8	3.4	3.4	3.4	3.4	3.2
122,5°	5.1	5.1	5.1	4.9	5.1	4.9	3.2	3.2	2.8	2.8	2.7	2.8	2.8
125,0°	4.0	3.6	3.8	3.6	3.8	3.8	2.3	2.5	1.9	2.1	1.9	2.1	2.1
127,5°	2.5	2.3	2.3	2.1	2.1	2.3	1.5	1.5	1.3	1.5	1.5	1.5	1.5
130,0°	2.3	2.1	1.9	1.7	1.7	1.5	1.5	1.5	1.1	1.3	1.1	1.1	1.1
132,5°	1.9	1.5	1.5	1.3	1.3	1.1	1.1	1.1	1.1	1.1	0.9	0.8	0.9
135,0°	1.3	1.3	1.1	0.9	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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°	3.6	3.4	3.4	3.4	3.4	3.4	3.2	3.2	3.2	3.2	3.4	1.2	995.0
117,5°	3.4	3.0	3.2	3.2	3.2	3.4	3.2	3.0	3.2	3.2	3.4	1.1	996.1
120,0°	3.2	3.0	3.0	3.0	3.0	3.2	3.2	3.0	3.2	3.4	3.4	1.0	997.1
122,5°	2.8	2.3	2.7	2.5	2.7	2.8	2.8	2.7	3.0	3.4	3.4	0.9	998.0
125,0°	1.9	1.7	1.9	1.9	2.1	2.3	2.5	2.3	2.7	3.0	3.0	0.7	998.6
127,5°	1.5	1.3	1.5	1.5	1.7	1.9	2.3	2.3	2.5	3.0	3.0	0.5	999.1
130,0°	1.1	0.9	1.3	1.5	1.7	1.9	2.3	2.3	2.5	2.8	3.0	0.4	999.5
132,5°	0.9	0.9	1.1	0.9	1.3	1.7	1.9	2.1	2.3	2.5	2.7	0.3	999.8
135,0°	0.8	0.8	0.9	0.9	1.3	1.3	1.7	1.9	2.1	2.5	2.7	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 CLASSIC LED</b>	<b>Bestell-Nr.: 5XA5245KF14HP</b> <b>EAN: 4058352834572</b>	<b>LP-Nummer</b> <b>58716_19</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	4430	33.6	35.9	34.8
95	241	252	4203	31.4	33.5	32.4
90	229	250	3994	29.4	31.4	30.4
85	216	248	3767	27.4	29.2	28.3
80	203	246	3541	25.5	27.1	26.3
75	190	243	3314	23.6	25.2	24.4
70	178	241	3104	21.9	23.3	22.6
65	165	238	2878	20.2	21.5	20.8
60	152	235	2651	18.5	19.6	19.0
55	140	232	2442	16.9	18.0	17.4
50	127	229	2215	15.3	16.2	15.8
45	114	225	1988	13.7	14.5	14.1
40	102	221	1779	12.3	13.0	12.6
35	89	216	1552	10.8	11.4	11.1
30	76	210	1326	9.3	9.8	9.6
25	63	203	1099	7.8	8.2	8.0
20	51	195	889	6.6	6.9	6.8
15	38	184	663	5.2	5.5	5.4
11	28	173	488	4.1	4.4	4.2