

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255KF14H + 5XA54000XBL**
EAN: **4058352833483 + 4050737971421**

LP-Nummer
59068_21



Ausführung Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1530 lm
Systemleistung = 10.0 W
Lichtausbeute = 153 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

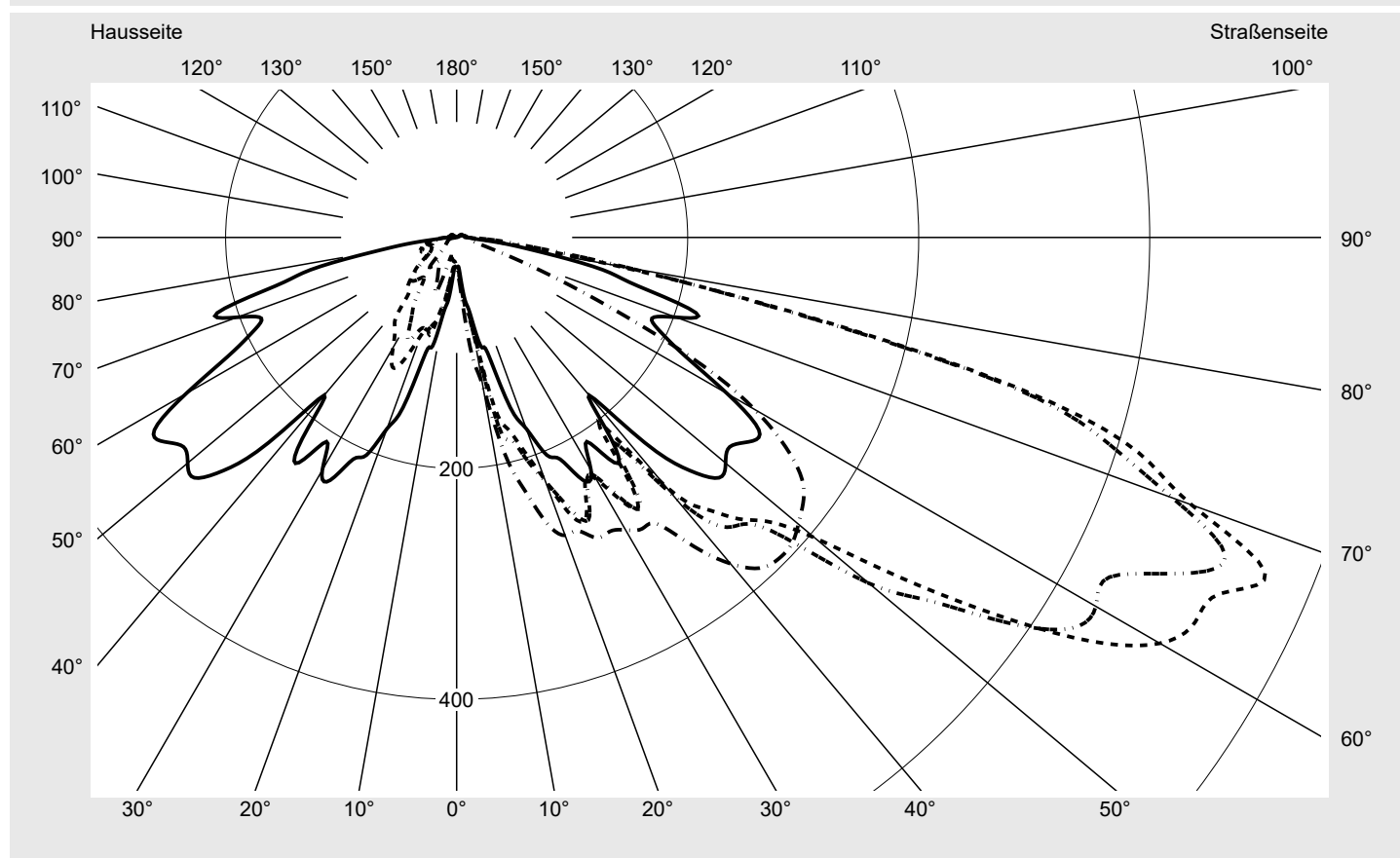
C180-0

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

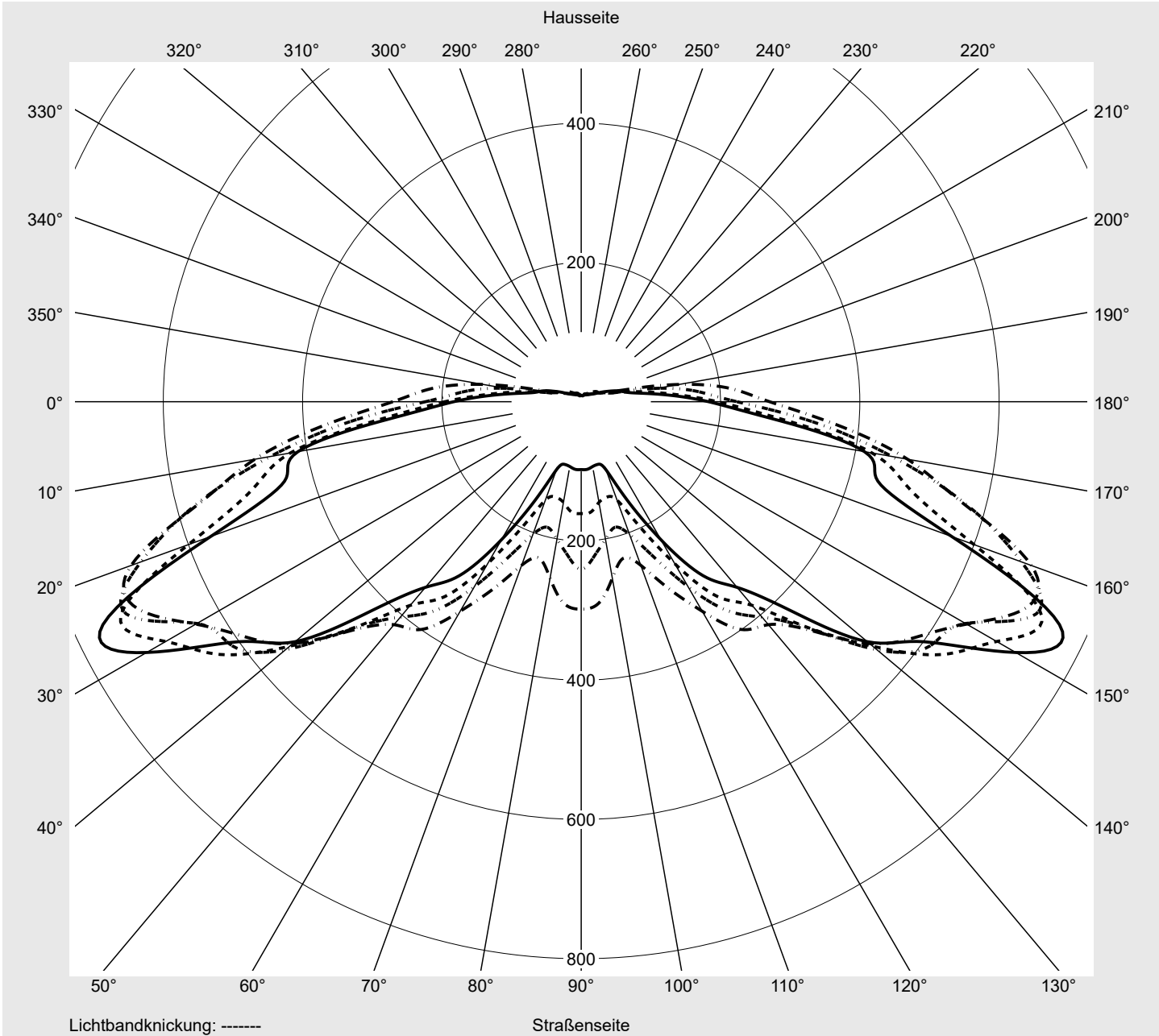
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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°**



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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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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		sitEco

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

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14H + 5XA54000XBL EAN: 4058352833483 + 4050737971421	LP-Nummer 59068_21
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	5.2	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

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14H + 5XA54000XBL EAN: 4058352833483 + 4050737971421	LP-Nummer 59068_21
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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												
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

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14H + 5XA54000XBL EAN: 4058352833483 + 4050737971421	LP-Nummer 59068_21
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14H + 5XA54000XBL EAN: 4058352833483 + 4050737971421	LP-Nummer 59068_21
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1530	10.0	10.4	10.2
95	241	252	1452	9.5	9.9	9.7
90	229	250	1379	9.0	9.3	9.2
85	216	248	1301	8.5	8.8	8.6
80	203	246	1223	8.0	8.3	8.2
75	190	243	1144	7.6	7.7	7.6
70	178	241	1072	7.1	7.3	7.2
65	165	238	994	6.6	6.8	6.7
60	152	235	916	6.1	6.4	6.2
55	140	232	843	5.7	5.9	5.8
50	127	229	765	5.3	5.5	5.4
45	114	225	687	4.8	5.0	4.9
40	102	221	614	4.4	4.6	4.5
35	89	216	536	4.0	4.1	4.0
30	76	210	458	3.6	3.7	3.6
30	75	209	452	3.5	3.7	3.6