

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: 5XA5255MF14H + 5XA54000XBXL
EAN: 4058352833568 + 4058352415573

LP-Nummer
59358_5

Ausführung Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2700 K | CRI \geq 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1520 lm
Systemleistung = 11.8 W
Lichtausbeute = 128.8 lm/W

Seriendokumentation
04.11.2022

siteco

Lichtstärke in cd/klm

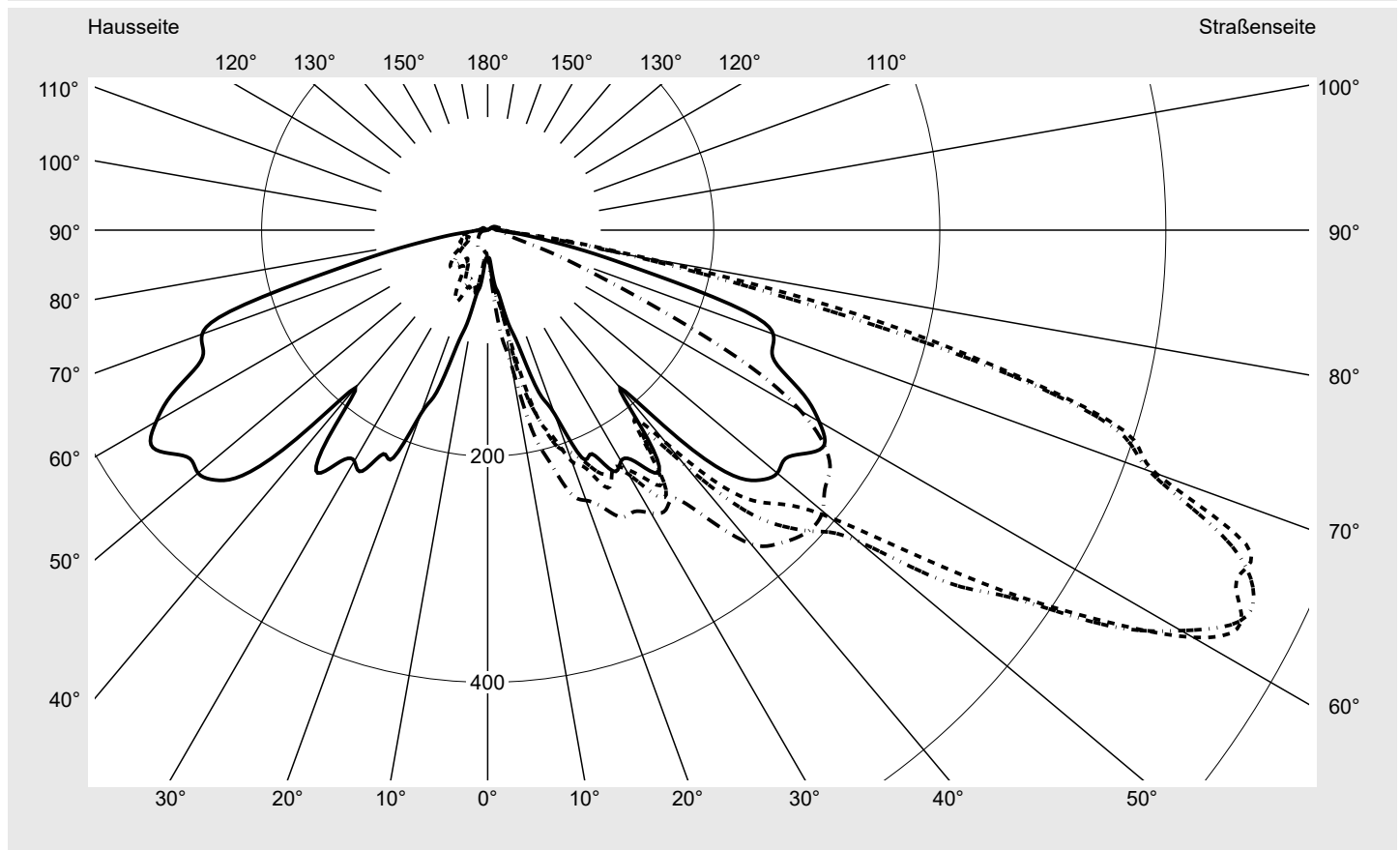
C180-0

C200-20

C205-25

C270-90

Imax: 751 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	97.9%
Eta 90° - 180°	2.1%

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	629.5
Imax 80°	143.0
Imax 90°	13.1
Imax >90°	12.9
Imax >95°	11.4

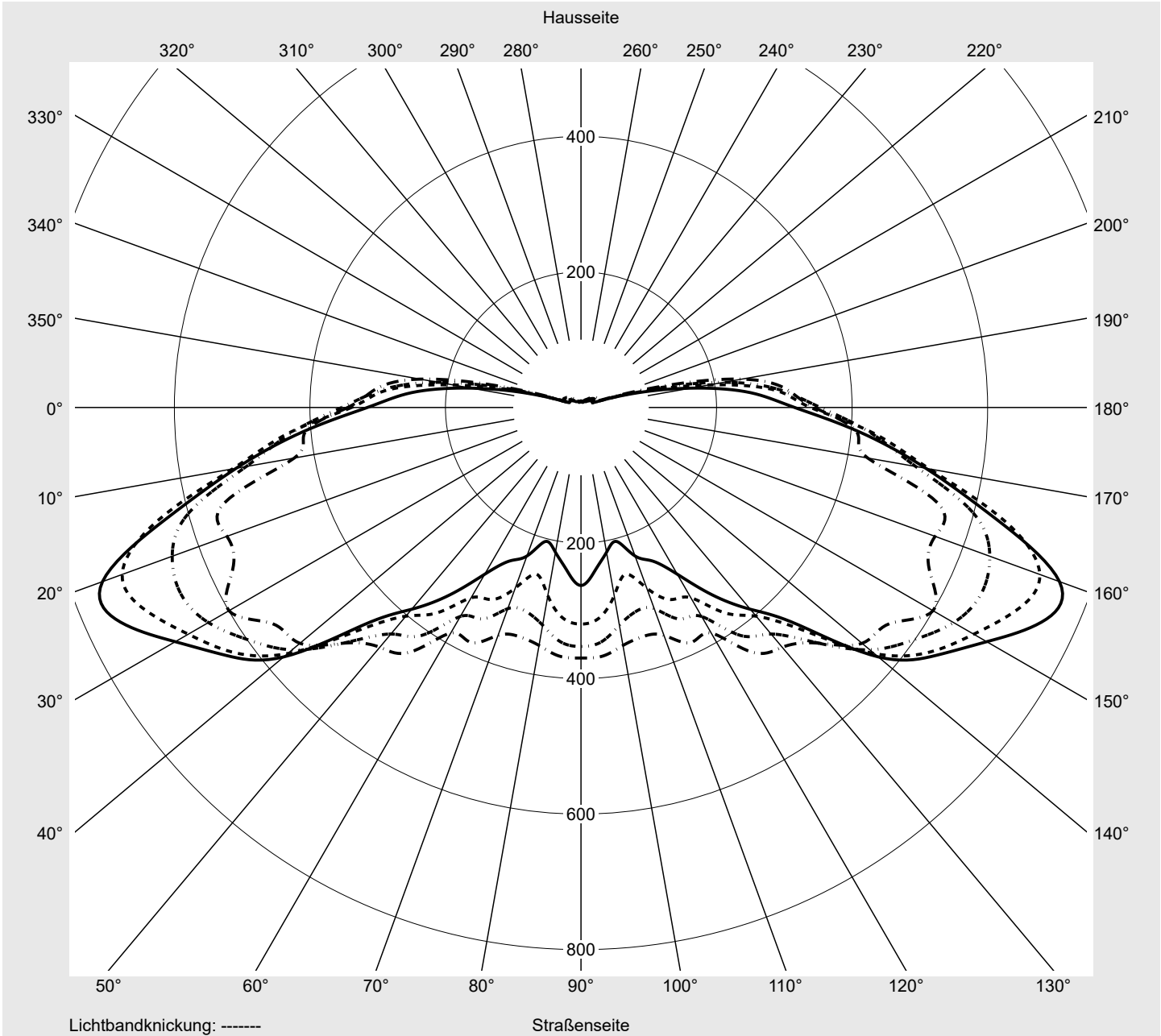
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 62,5°** **KMK 60°** **KMK 57,5°** **KMK 55°** **siteco**



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Familie LATERNE LED	Bestell-Nr.: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP-Nummer 59358_5
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°	24.8	25.1	25.5	26.3	27.0	27.5	28.2	28.9	29.7	30.4	30.9	31.6	31.9
5,0°	29.9	31.6	33.6	36.0	37.9	39.9	41.4	43.1	45.0	46.0	47.2	48.6	49.9
7,5°	49.6	54.2	55.7	56.7	57.4	60.3	62.5	64.5	66.4	68.8	72.7	77.3	80.8
10,0°	58.6	60.3	64.2	68.6	74.7	75.6	81.0	89.0	100.5	111.2	117.2	118.2	116.3
12,5°	84.9	93.2	95.6	108.2	119.4	136.9	150.8	159.6	159.6	154.2	149.6	149.6	152.5
15,0°	106.5	118.9	144.0	168.6	172.2	171.2	182.9	177.1	182.9	181.7	182.9	186.6	186.6
17,5°	150.3	162.0	175.4	182.7	191.4	198.7	203.6	205.3	203.3	206.0	207.7	205.3	207.5
20,0°	172.9	190.7	195.8	201.6	217.7	208.5	212.6	206.8	209.9	221.6	222.1	222.3	222.8
22,5°	217.9	223.3	216.2	226.7	228.4	220.6	225.0	229.9	227.4	225.5	232.3	237.4	244.2
25,0°	218.4	227.2	240.8	248.8	251.5	237.6	231.1	231.3	232.0	238.9	247.9	258.6	261.7
27,5°	240.3	237.2	240.8	235.9	239.1	240.3	247.6	248.3	245.7	259.3	273.2	282.6	281.2
30,0°	235.9	244.5	243.0	248.8	243.7	249.3	247.4	264.9	269.7	276.8	290.4	303.8	298.0
32,5°	242.8	247.4	244.5	252.5	261.2	278.5	273.4	282.2	307.7	320.3	327.4	326.7	315.2
35,0°	262.2	268.8	262.7	273.6	267.1	271.5	268.8	273.2	291.6	315.7	321.3	318.6	321.6
37,5°	232.3	215.3	214.5	207.0	212.8	224.8	244.7	265.1	305.0	327.4	330.6	335.9	345.4
40,0°	182.2	198.5	207.0	226.5	246.4	271.0	306.7	336.2	355.6	369.5	368.0	373.6	380.2
42,5°	250.3	265.4	278.5	286.3	307.5	335.7	358.0	371.4	382.9	395.0	403.5	400.1	386.3
45,0°	307.0	309.6	323.7	316.7	340.0	370.7	371.9	393.8	412.3	430.3	435.9	407.2	414.0
47,5°	327.2	333.2	351.7	350.7	359.7	394.5	414.2	441.0	442.7	444.9	455.1	435.2	442.7
50,0°	334.5	354.4	389.9	391.4	395.3	428.1	479.7	480.4	475.0	460.9	464.8	452.9	445.1
52,5°	332.0	370.7	411.1	475.8	464.8	511.5	533.7	536.3	507.6	486.7	470.9	456.6	425.4
55,0°	344.2	408.2	429.6	545.1	556.0	567.2	599.8	556.0	541.4	491.6	461.9	441.0	384.3
57,5°	353.2	429.1	501.6	598.6	641.9	651.4	634.8	598.4	556.3	490.6	436.4	410.8	356.1
60,0°	338.6	433.0	522.2	647.3	720.5	708.5	669.1	629.0	564.8	465.6	402.1	370.0	324.2
62,5°	315.2	412.0	516.6	633.1	751.4	749.7	691.3	638.3	572.6	453.6	388.7	337.6	284.1
65,0°	282.9	356.6	500.6	630.5	731.2	747.0	706.8	622.0	537.8	438.8	364.6	308.4	249.6
67,5°	272.7	313.5	482.1	609.6	726.3	702.0	684.7	604.2	500.6	402.8	343.2	281.2	212.3
70,0°	268.8	335.7	459.2	597.4	629.5	622.7	613.9	546.8	444.2	370.9	308.2	244.2	179.5
72,5°	239.1	345.6	401.6	556.0	590.6	580.8	480.9	451.0	359.0	283.1	236.4	189.5	150.6
75,0°	154.2	262.5	336.4	447.6	464.1	445.4	344.7	300.2	218.9	179.5	182.2	167.8	136.7
77,5°	96.8	160.1	224.0	297.5	313.5	254.9	194.1	168.8	150.8	127.7	135.2	130.4	120.6
80,0°	56.4	77.1	102.2	131.3	143.0	126.7	120.9	121.4	95.6	74.7	60.6	54.0	59.4
82,5°	33.1	40.1	48.2	58.6	66.9	53.8	71.8	83.9	63.2	47.9	28.5	24.8	19.9
85,0°	15.8	18.2	17.0	18.0	18.2	22.9	43.8	51.3	41.8	25.5	19.0	18.0	15.6
87,5°	11.2	11.2	11.9	13.1	14.8	17.8	23.4	22.6	19.2	16.1	15.3	14.6	14.1
90,0°	7.8	8.8	9.5	10.2	11.4	12.2	12.6	12.9	13.1	13.1	13.1	13.1	13.1
92,5°	7.3	8.3	8.8	9.5	10.5	11.2	11.7	11.9	12.2	12.4	12.6	12.6	12.9
95,0°	6.8	7.8	8.3	8.8	9.7	10.5	10.9	11.2	11.4	11.9	11.9	11.9	11.9
97,5°	6.6	7.3	7.8	8.3	8.8	9.5	10.0	10.2	10.7	10.9	11.2	11.2	11.2
100,0°	5.8	6.6	7.3	7.8	8.3	8.8	9.2	9.5	9.7	10.2	10.2	10.5	10.7
102,5°	5.6	5.8	6.6	6.8	7.3	7.8	8.3	8.5	8.8	9.2	9.5	9.7	9.7
105,0°	5.1	5.8	5.8	6.3	6.8	7.3	7.5	7.8	8.3	8.3	8.8	8.8	9.2
107,5°	4.9	5.4	5.8	5.8	6.3	6.8	6.8	7.3	7.8	7.8	8.3	8.3	8.3
110,0°	4.9	5.1	5.4	5.8	5.8	6.3	6.6	6.8	7.3	7.3	7.8	7.8	8.3
112,5°	4.4	4.9	5.4	5.4	5.8	5.8	6.3	6.6	6.8	7.3	7.3	7.5	7.8

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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°	32.4	32.4	32.6	32.6	32.8	32.6	24.6	24.1	23.6	23.6	23.1	23.1	22.9
5,0°	51.1	52.3	53.0	53.8	54.7	55.5	28.2	27.0	26.0	25.5	24.8	24.6	23.8
7,5°	85.9	91.2	94.1	94.6	97.8	95.3	45.2	39.9	35.8	31.6	28.7	26.5	25.1
10,0°	117.0	120.6	120.4	122.1	120.9	121.6	56.4	56.4	56.2	55.5	53.3	44.0	32.8
12,5°	153.0	159.3	167.3	176.3	186.1	181.0	79.3	65.9	55.9	52.8	51.8	52.5	55.7
15,0°	196.0	195.6	205.0	208.0	212.6	212.6	96.8	86.8	70.1	54.5	49.6	47.2	46.9
17,5°	212.1	223.5	230.6	236.9	241.3	244.2	124.3	108.5	71.3	52.5	46.9	45.2	42.8
20,0°	224.3	232.3	237.6	247.6	253.2	254.4	154.2	135.0	90.7	55.9	46.5	41.8	40.4
22,5°	243.7	247.9	254.9	261.7	264.9	265.1	193.1	178.3	115.8	67.1	52.5	39.2	36.2
25,0°	261.2	262.0	270.5	279.0	278.5	280.2	211.1	188.3	134.3	67.4	46.2	35.8	34.5
27,5°	285.6	288.2	290.7	286.0	280.7	280.7	234.7	213.1	144.0	59.6	39.4	34.3	32.8
30,0°	303.8	297.0	288.2	286.3	288.0	289.0	237.4	217.2	137.2	45.7	34.5	30.9	30.9
32,5°	318.6	302.3	288.5	287.7	290.9	293.3	235.2	218.2	130.1	39.6	33.3	30.2	29.2
35,0°	327.4	325.0	314.7	302.6	294.1	289.9	253.2	224.8	138.2	38.4	30.9	30.6	30.4
37,5°	353.7	348.6	325.0	313.0	316.5	324.0	234.2	211.6	134.8	41.1	32.4	29.4	30.6
40,0°	378.7	362.4	335.4	335.9	351.7	362.4	169.5	159.8	105.3	43.3	37.2	33.3	28.7
42,5°	391.9	377.7	353.9	363.4	373.4	377.0	232.0	204.8	120.6	45.7	40.6	38.2	34.1
45,0°	418.9	399.4	375.6	380.7	385.0	385.3	294.3	240.6	142.8	46.2	41.1	40.9	38.9
47,5°	440.5	402.3	380.7	386.7	391.9	389.7	309.9	255.6	142.8	44.5	39.4	40.1	37.7
50,0°	441.0	392.1	373.1	378.0	387.5	386.7	306.0	250.5	139.1	40.9	35.3	36.0	33.3
52,5°	416.7	378.7	363.6	369.5	379.2	376.0	300.9	246.6	133.5	39.4	31.1	31.1	28.9
55,0°	382.9	357.8	350.3	356.6	368.3	369.7	305.0	241.0	116.0	34.1	27.7	27.5	25.8
57,5°	344.4	316.0	311.8	326.2	347.1	352.7	295.5	214.0	100.0	27.5	23.8	23.8	22.9
60,0°	312.8	283.6	254.7	281.9	311.6	319.6	289.0	191.9	89.0	24.8	20.7	20.7	20.2
62,5°	250.0	233.3	204.8	217.0	241.0	262.7	251.0	164.2	79.5	25.5	19.2	18.2	17.3
65,0°	196.0	181.7	147.4	161.5	177.3	176.1	207.2	139.9	78.3	25.8	19.7	18.0	16.1
67,5°	163.0	127.0	96.3	104.1	113.3	107.0	191.9	120.9	71.0	26.3	19.2	17.0	14.8
70,0°	132.3	96.8	58.1	55.0	58.9	66.2	177.3	121.1	68.8	24.6	17.8	15.6	14.1
72,5°	106.8	66.9	38.4	30.2	29.7	32.6	153.7	110.9	65.7	26.3	19.9	16.1	14.1
75,0°	86.8	35.8	26.3	22.4	21.6	21.4	111.6	78.8	56.4	26.8	23.4	19.0	14.6
77,5°	55.5	24.8	20.4	18.2	18.0	17.5	64.5	49.1	46.7	25.8	22.1	17.8	13.4
80,0°	22.9	18.7	17.0	16.3	16.1	16.1	44.0	42.1	34.3	22.1	19.9	18.5	14.8
82,5°	16.8	15.6	15.3	15.1	15.1	15.1	28.9	26.3	24.3	18.2	16.8	14.1	10.9
85,0°	15.1	14.6	14.4	14.4	14.1	14.1	15.1	15.6	17.3	17.0	15.1	12.9	9.5
87,5°	14.1	13.9	13.9	13.6	13.6	13.6	10.7	10.2	10.7	10.2	10.0	7.8	7.1
90,0°	13.1	13.1	12.9	12.9	12.6	12.6	6.8	5.8	5.4	4.4	4.1	3.6	3.2
92,5°	12.6	12.4	12.4	12.4	12.4	12.2	6.6	5.8	4.9	4.4	3.6	3.4	3.2
95,0°	12.2	12.2	11.9	11.9	11.9	12.2	6.3	5.4	4.9	4.1	3.6	3.2	2.9
97,5°	11.4	11.4	11.2	11.2	11.2	11.2	5.8	5.4	4.4	3.9	3.4	3.2	2.9
100,0°	10.7	10.7	10.7	10.7	10.7	10.7	5.4	4.9	4.4	3.6	3.4	2.9	2.7
102,5°	10.0	10.2	10.0	10.0	10.0	10.2	4.9	4.4	3.9	3.4	2.9	2.9	2.4
105,0°	9.2	9.2	9.2	9.2	9.2	9.2	4.6	4.1	3.6	3.4	2.9	2.4	2.4
107,5°	8.8	8.8	8.5	8.3	8.5	8.8	4.4	3.9	3.4	3.2	2.9	2.4	2.4
110,0°	8.3	8.3	8.0	7.5	8.0	8.3	4.4	3.9	3.4	3.2	2.9	2.4	2.4
112,5°	7.8	7.8	7.1	5.8	7.1	7.8	4.4	3.9	3.4	3.2	2.9	2.4	2.2

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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°	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°	22.6	22.4	22.1	21.9	21.4	21.6	21.4	21.2	21.2	21.2	20.9	0.3	0.4
5,0°	23.1	22.9	21.9	21.4	20.9	20.7	20.4	20.2	20.2	20.2	19.9	0.8	1.2
7,5°	24.3	23.4	22.9	22.1	21.4	20.9	20.4	20.2	19.5	19.5	19.5	1.8	2.9
10,0°	26.3	24.1	23.1	22.1	21.2	20.2	19.5	18.7	18.5	18.2	18.0	3.1	6.1
12,5°	56.7	49.6	31.4	22.6	20.7	19.5	18.5	17.8	17.5	17.3	17.5	5.5	11.6
15,0°	44.8	46.0	47.7	39.6	25.3	19.7	18.0	17.5	17.3	17.3	17.0	8.0	19.6
17,5°	40.4	39.2	38.9	32.6	24.6	20.2	18.0	17.5	17.3	17.0	17.0	10.4	29.9
20,0°	40.4	39.4	36.0	29.4	23.4	19.7	17.8	17.3	17.0	16.8	17.0	12.7	42.6
22,5°	35.3	34.5	31.9	26.3	22.1	19.7	18.5	18.2	17.5	17.3	17.0	15.4	58.0
25,0°	33.8	32.4	28.9	24.8	21.6	19.7	18.7	18.5	18.0	17.5	17.0	17.9	76.0
27,5°	33.1	32.8	30.6	26.3	22.6	20.2	18.5	18.0	17.5	16.8	17.0	20.6	96.5
30,0°	33.8	34.1	32.6	28.0	23.1	19.7	18.0	17.5	17.0	16.8	17.0	22.9	119.4
32,5°	32.4	35.8	35.8	28.7	22.4	18.5	17.0	16.8	15.8	15.6	15.6	25.7	145.1
35,0°	30.4	32.8	33.1	27.5	21.2	17.5	15.8	15.6	14.8	14.8	14.6	28.0	173.0
37,5°	30.4	28.5	28.7	25.3	19.7	15.8	14.8	14.4	13.9	13.9	13.6	28.8	201.8
40,0°	29.4	28.2	25.1	21.6	18.7	15.1	13.6	13.1	13.1	13.1	13.1	32.0	233.8
42,5°	28.7	26.0	23.6	19.7	17.5	14.1	12.6	12.4	12.6	12.4	12.6	37.9	271.7
45,0°	32.1	25.3	20.2	18.7	16.3	13.4	11.9	11.7	11.7	11.9	12.2	43.1	314.9
47,5°	31.9	26.0	20.9	16.8	15.3	12.6	11.2	11.2	11.2	11.4	11.7	47.4	362.2
50,0°	29.2	24.8	19.9	17.0	14.8	12.4	10.7	10.7	10.7	10.9	10.7	50.9	413.1
52,5°	25.5	22.4	18.7	16.1	14.1	12.2	10.2	10.2	10.2	10.2	10.2	54.6	467.8
55,0°	22.9	20.2	17.0	14.6	13.1	11.4	9.7	9.5	9.5	9.7	9.7	57.7	525.4
57,5°	20.4	17.8	14.6	13.1	12.2	10.5	9.2	9.0	9.0	9.0	9.2	59.8	585.3
60,0°	17.8	15.1	12.6	11.7	10.9	10.0	8.5	8.5	8.5	8.5	8.8	60.5	645.8
62,5°	15.1	13.1	11.2	10.7	10.0	9.0	8.0	8.0	8.0	8.0	8.3	58.8	704.5
65,0°	13.6	11.9	10.9	10.0	9.5	8.8	8.0	7.5	7.5	7.5	7.8	55.4	760.0
67,5°	13.1	11.4	10.7	9.5	8.8	8.3	7.5	7.5	7.5	7.5	7.3	51.7	811.7
70,0°	12.6	11.2	10.0	9.2	8.8	7.8	7.3	7.1	7.1	7.1	7.3	47.1	858.8
72,5°	11.9	10.2	9.2	8.8	8.0	7.5	6.8	6.8	6.6	6.6	6.8	41.0	899.8
75,0°	11.9	9.5	8.0	7.8	7.3	6.6	6.3	6.3	6.3	5.8	5.8	31.3	931.1
77,5°	10.5	8.3	7.1	6.6	6.1	5.8	5.4	5.4	5.4	5.1	5.4	21.0	952.1
80,0°	10.2	6.8	5.6	5.1	4.9	4.4	4.4	3.9	3.9	3.9	3.9	11.8	963.9
82,5°	8.8	5.6	4.4	3.9	3.6	3.4	3.2	2.9	2.9	2.4	2.4	6.9	970.8
85,0°	6.6	4.6	3.6	3.2	2.9	2.7	2.4	2.2	1.9	1.9	1.9	4.1	974.9
87,5°	5.1	3.6	2.9	2.7	2.4	2.2	1.9	1.9	1.7	1.5	1.5	2.8	977.7
90,0°	3.2	2.7	2.4	2.2	1.9	1.9	1.7	1.5	1.5	1.5	1.5	2.1	979.8
92,5°	2.7	2.4	2.2	2.2	1.9	1.9	1.7	1.5	1.5	1.5	1.5	2.0	981.8
95,0°	2.7	2.4	2.2	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.9	983.7
97,5°	2.7	2.4	2.2	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.8	985.5
100,0°	2.4	2.2	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.6	987.1
102,5°	2.4	2.2	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.5	988.6
105,0°	1.9	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.2	1.0	1.0	1.4	990.0
107,5°	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.0	1.3	991.3
110,0°	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.0	1.2	992.5
112,5°	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.0	1.1	993.6

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP-Nummer 59358_5
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°	4.4	4.9	5.1	5.4	5.6	5.8	5.8	6.3	6.3	6.8	6.8	7.1	7.3
117,5°	4.4	4.6	4.9	5.1	5.4	5.4	5.8	5.8	6.1	6.3	6.3	6.3	6.8
120,0°	3.9	4.4	4.4	4.9	4.9	5.4	5.4	5.4	5.6	5.8	5.8	5.8	6.3
122,5°	3.6	3.9	4.1	4.4	4.4	4.4	4.9	4.9	4.9	4.9	5.4	5.4	5.4
125,0°	2.9	3.2	3.4	3.4	3.4	3.4	3.9	3.9	3.9	3.9	3.9	4.1	4.4
127,5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.9	2.9	2.9	2.9
130,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
132,5°	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
135,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.5	1.2	1.2	1.5
137,5°	1.5	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
140,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.5	0.7	0.5
142,5°	0.7	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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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.: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP-Nummer 59358_5
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°	7.3	7.3	6.6	5.1	6.8	7.3	4.1	3.9	3.4	2.9	2.9	2.4	2.4
117,5°	6.8	6.8	5.8	4.6	6.1	6.8	3.9	3.6	3.4	2.9	2.9	2.4	2.4
120,0°	6.3	6.3	5.4	4.1	5.1	6.3	3.9	3.6	3.2	2.9	2.9	2.4	2.4
122,5°	5.4	5.4	4.4	3.9	4.6	5.4	3.4	3.4	2.9	2.9	2.4	2.4	2.4
125,0°	4.4	4.4	3.4	2.9	3.4	4.4	2.9	2.7	2.4	2.4	2.4	2.2	1.9
127,5°	2.9	2.9	2.4	1.9	2.4	2.9	2.2	1.9	1.9	1.9	1.9	1.9	1.9
130,0°	1.9	1.7	1.5	1.5	1.5	1.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9
132,5°	1.5	1.5	1.2	1.0	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
135,0°	1.5	1.0	1.2	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
137,5°	1.0	1.0	0.7	0.7	0.7	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
140,0°	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142,5°	0.5	0.5	0.5	0.2	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
145,0°	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.7	0.5	0.5	1.0	1.0	1.0
147,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	1.0	1.0
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.: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP-Nummer 59358_5
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°	1.9	1.9	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.1	994.6
117,5°	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	995.6
120,0°	1.9	1.9	1.9	1.9	1.5	1.5	1.5	1.5	1.5	1.0	1.5	0.9	996.5
122,5°	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.2	1.0	0.8	997.3
125,0°	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.0	1.0	0.6	997.9
127,5°	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	0.5	998.4
130,0°	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.0	0.4	998.8
132,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	0.3	999.0
135,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.2	1.0	1.0	0.3	999.3
137,5°	1.5	1.5	1.5	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.5
140,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
142,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	999.8
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	999.9
147,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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
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.: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP-Nummer 59358_5
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	1520	11.8	12.1	12.0
95	241	252	1442	11.1	11.4	11.2
90	229	250	1370	10.6	10.8	10.7
85	216	248	1293	9.9	10.2	10.0
80	203	246	1215	9.3	9.6	9.4
75	190	243	1137	8.7	9.0	8.8
70	178	241	1065	8.2	8.4	8.3
65	165	238	987	7.6	7.7	7.6
60	152	235	910	7.0	7.2	7.1
55	140	232	838	6.5	6.6	6.6
50	127	229	760	6.0	6.1	6.0
45	114	225	682	5.4	5.6	5.5
40	102	221	610	5.0	5.1	5.0
35	89	216	533	4.5	4.6	4.6
30	76	210	455	4.0	4.0	4.0
26	65	204	389	3.6	3.7	3.6