

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255LF14H + 5XA54000XSA**
EAN: **4058352833520 + 4058352161326**

LP-Nummer
59285_21



Ausführung Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, amber
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1060 lm
Systemleistung = 10.0 W
Lichtausbeute = 106 lm/W

Seriendokumentation
08.07.2022



siteco

Lichtstärke in cd/klm

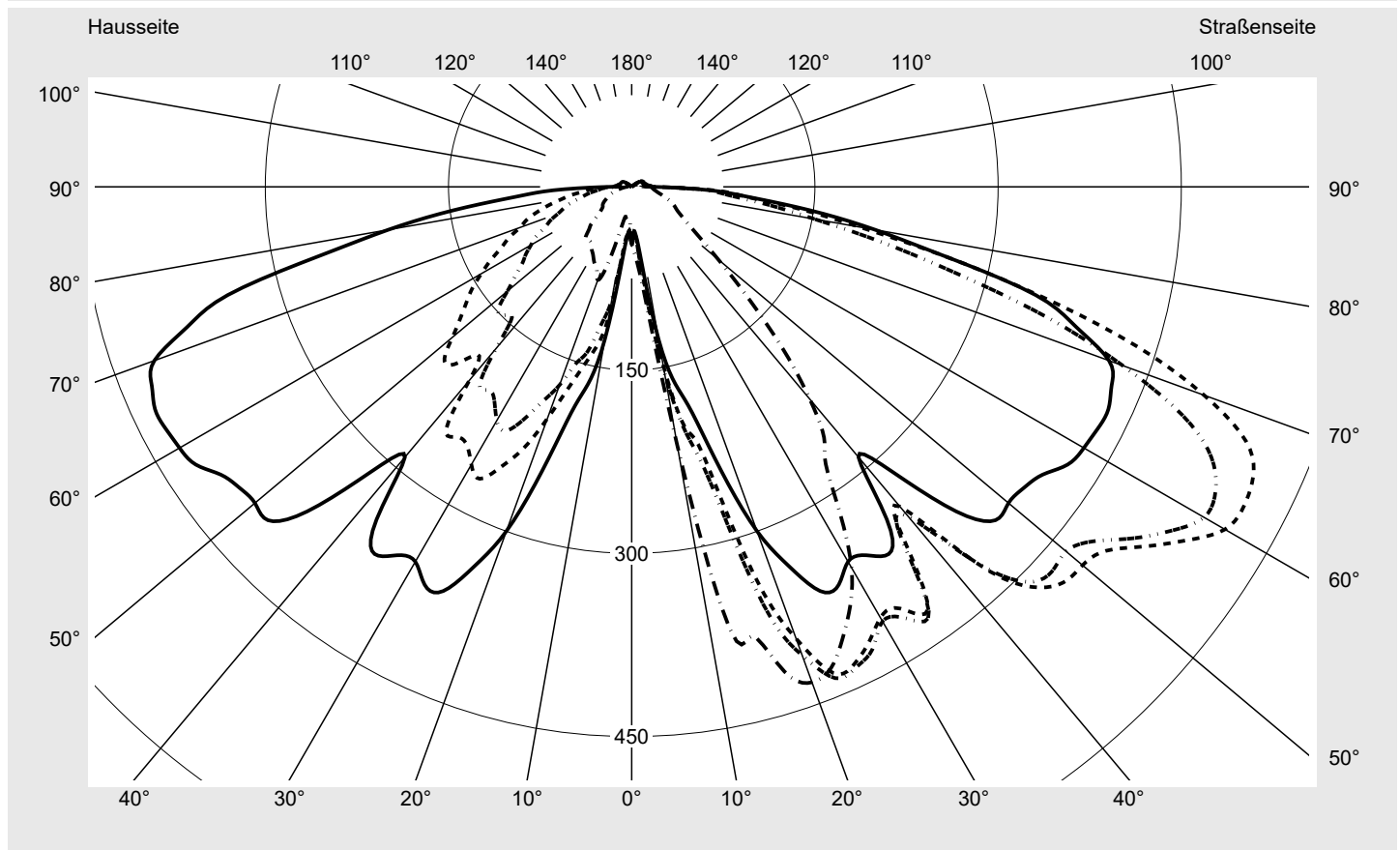
C180-0

C195-15

C200-20

C270-90

Imax: **565 cd/klm**



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	96.4%
Eta 90° - 180°	3.6%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	535.8
Imax 80°	224.3
Imax 90°	17.8
Imax >90°	15.1
Imax >95°	14.5

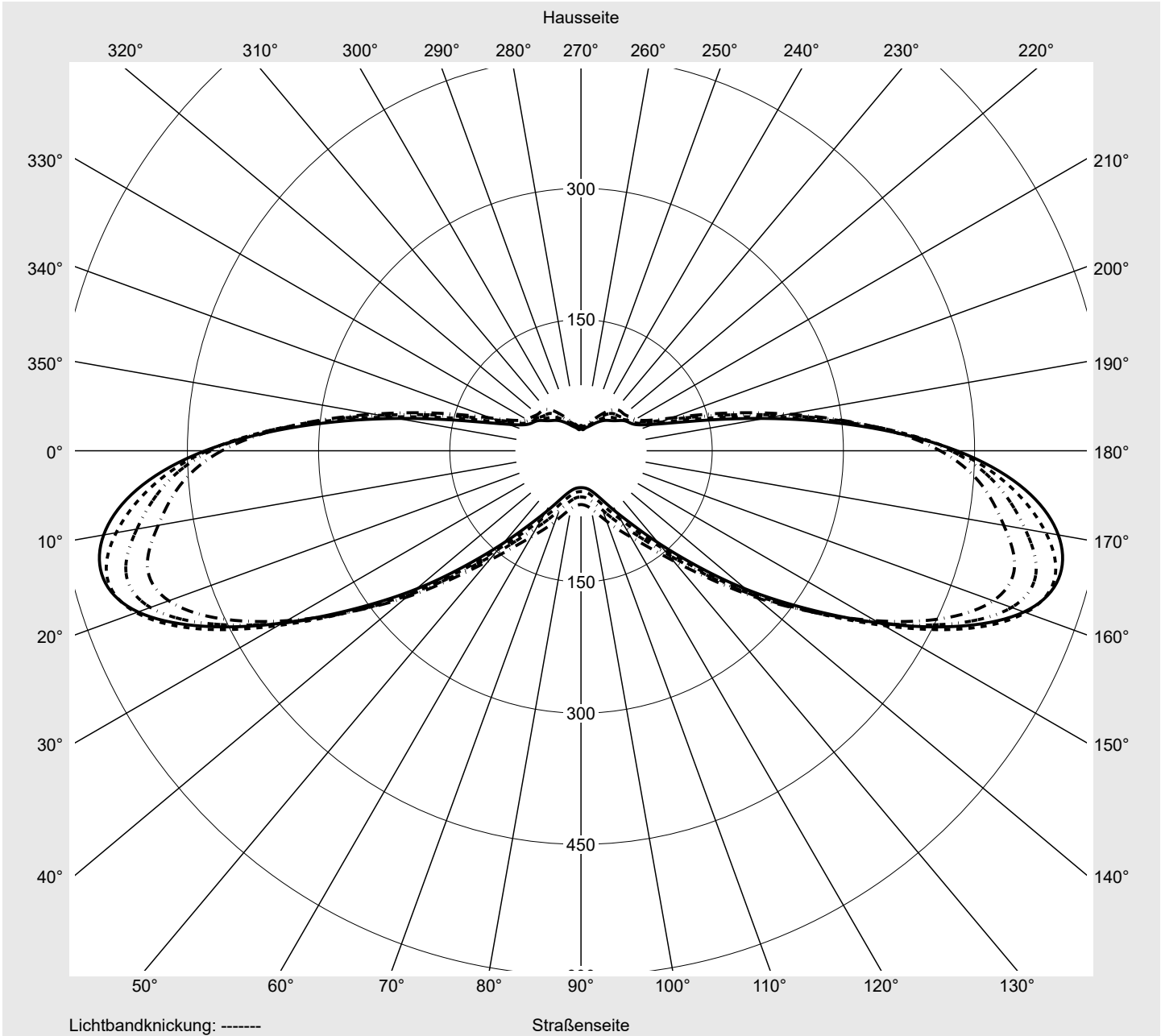
Messbedingungen

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.: 5XA5255LF14H + 5XA54000XSA EAN: 4058352833520 + 4058352161326	LP-Nummer 59285_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												
0,0°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
2,5°	37.0	37.0	37.2	37.6	38.1	39.1	40.6	42.9	45.4	48.0	50.3	51.5	52.6
5,0°	40.4	40.9	41.6	42.2	43.2	45.5	48.4	51.7	55.1	58.8	61.7	63.6	64.9
7,5°	63.3	69.3	74.9	81.3	87.6	94.0	101.5	106.5	107.7	108.7	111.1	110.4	110.8
10,0°	126.9	134.9	141.1	147.4	154.9	161.8	167.8	174.7	183.3	187.2	194.3	197.1	202.7
12,5°	165.5	181.7	194.9	201.8	207.0	212.9	220.2	235.3	248.4	265.8	278.7	299.9	312.4
15,0°	191.6	202.5	213.5	228.7	253.3	281.3	314.1	323.5	335.3	366.5	381.9	386.2	387.3
17,5°	243.8	265.9	300.1	333.0	358.6	384.3	395.1	400.8	406.9	404.2	408.0	412.4	416.2
20,0°	299.9	342.6	366.1	393.5	408.1	413.5	420.2	420.4	425.2	426.3	436.2	436.9	435.1
22,5°	335.9	367.9	402.2	430.6	435.3	433.2	435.6	431.1	436.8	439.3	438.9	438.6	445.5
25,0°	365.1	397.1	426.6	431.1	434.2	438.0	436.4	435.7	437.5	431.1	438.3	432.7	429.6
27,5°	367.2	391.7	411.4	420.4	426.8	424.7	422.9	420.1	415.1	412.7	407.9	406.4	398.6
30,0°	354.3	380.2	398.1	407.3	410.7	409.1	404.8	398.9	390.3	384.8	376.2	365.9	361.3
32,5°	357.6	381.3	396.7	409.3	419.0	418.3	412.0	402.1	385.1	374.4	357.6	342.8	326.5
35,0°	366.9	392.9	415.8	422.6	424.1	413.9	399.6	378.9	357.8	343.1	321.4	304.0	293.5
37,5°	343.1	360.6	370.9	368.9	362.7	356.4	348.6	334.0	323.5	308.1	291.8	276.8	264.8
40,0°	288.9	304.7	322.6	341.6	352.2	355.2	350.0	336.6	313.3	287.3	263.1	241.1	226.3
42,5°	317.1	355.5	394.6	417.2	416.3	405.7	384.0	354.5	320.6	286.8	256.4	227.5	210.4
45,0°	375.8	420.2	449.7	463.2	457.3	432.6	396.0	350.8	308.7	270.7	234.5	206.8	190.4
47,5°	403.9	442.1	469.8	479.4	466.4	431.8	386.8	338.2	291.7	251.0	214.0	187.7	170.1
50,0°	402.7	446.2	472.2	481.9	464.3	430.0	380.2	325.1	274.9	230.7	194.2	168.1	149.4
52,5°	404.7	450.9	476.1	489.4	476.6	435.6	381.8	319.9	265.0	215.6	176.1	148.4	129.8
55,0°	410.7	460.7	490.9	513.2	501.5	454.3	388.5	320.8	260.5	205.8	164.3	134.6	113.9
57,5°	423.2	480.0	515.6	538.6	523.9	467.9	393.7	320.8	256.4	198.8	154.8	122.9	101.5
60,0°	427.5	495.0	539.6	560.9	541.1	481.8	399.6	320.5	253.5	193.9	146.4	113.8	90.8
62,5°	429.8	509.7	554.1	565.3	538.9	474.9	393.8	314.6	246.1	184.7	137.7	103.7	81.3
65,0°	430.6	516.9	559.1	561.4	523.7	454.5	374.0	297.2	233.8	174.2	126.4	93.1	71.0
67,5°	425.3	520.7	564.0	544.5	487.8	410.9	333.5	267.2	212.2	161.2	115.4	83.0	61.9
70,0°	415.9	505.4	535.8	498.7	427.9	350.0	279.3	226.0	184.4	143.6	102.7	72.0	53.0
72,5°	381.6	463.7	480.6	433.2	358.7	285.3	225.5	182.4	152.0	120.0	88.4	62.1	45.5
75,0°	342.6	398.6	399.2	347.7	277.8	217.0	171.6	139.2	116.7	97.2	73.8	52.8	39.1
77,5°	263.0	306.3	303.7	262.9	210.5	164.0	130.0	105.9	88.9	75.5	60.0	44.1	33.3
80,0°	202.5	224.3	219.5	189.7	152.2	120.1	96.6	79.5	66.3	57.0	47.1	36.6	28.5
82,5°	147.4	161.2	156.8	138.7	113.1	89.7	72.7	60.4	50.3	43.7	37.1	30.2	24.6
85,0°	96.8	102.1	101.8	94.4	80.4	65.2	54.7	46.6	39.4	34.2	30.1	25.5	21.8
87,5°	64.2	72.2	74.4	68.8	59.5	49.8	41.9	36.0	30.8	27.0	24.5	22.2	19.9
90,0°	17.8	16.6	17.1	17.3	17.4	17.4	17.3	17.3	17.3	17.2	16.9	16.7	16.3
92,5°	12.8	13.4	13.9	14.2	14.4	14.4	14.5	14.5	14.6	14.7	14.7	14.8	14.9
95,0°	12.2	12.8	13.2	13.5	13.7	13.8	13.8	14.0	14.1	14.3	14.4	14.5	14.6
97,5°	11.6	12.1	12.5	12.7	13.0	13.1	13.3	13.4	13.6	13.8	13.9	14.0	14.1
100,0°	10.9	11.3	11.7	12.0	12.2	12.4	12.6	12.8	13.0	13.1	13.3	13.4	13.5
102,5°	10.2	10.6	11.0	11.2	11.5	11.8	12.0	12.1	12.3	12.5	12.6	12.8	13.0
105,0°	9.8	10.2	10.5	10.8	11.1	11.2	11.5	11.7	11.9	12.1	12.2	12.4	12.6
107,5°	9.5	9.9	10.2	10.5	10.7	11.0	11.2	11.3	11.6	11.8	12.0	12.1	12.3
110,0°	9.3	9.6	10.0	10.3	10.5	10.8	11.0	11.2	11.3	11.6	11.8	12.0	12.1
112,5°	9.2	9.5	9.8	10.1	10.3	10.6	10.8	11.0	11.2	11.4	11.5	11.7	11.9

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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°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
2,5°	53.8	54.3	54.5	54.7	54.7	54.6	36.7	36.5	36.3	36.0	35.7	35.5	35.4
5,0°	65.8	66.6	67.3	67.7	68.0	68.2	40.1	39.7	39.7	39.6	39.6	38.9	37.7
7,5°	110.6	111.4	108.3	105.9	104.2	104.6	58.5	54.3	52.1	50.0	46.3	44.1	41.7
10,0°	211.9	219.1	220.5	217.5	214.1	214.8	122.1	116.9	107.1	93.8	83.6	72.0	63.5
12,5°	317.1	326.4	337.1	357.8	373.9	370.2	155.6	136.4	134.6	115.4	99.8	92.3	85.4
15,0°	384.9	390.0	392.0	381.6	379.6	380.6	175.7	170.9	151.5	139.7	129.5	116.5	108.4
17,5°	419.7	419.3	420.9	415.0	414.2	416.1	218.7	186.9	173.0	151.5	136.1	120.1	110.3
20,0°	439.9	441.1	443.2	440.9	435.8	431.6	262.9	224.5	201.8	172.6	146.2	124.3	112.0
22,5°	438.4	436.1	432.9	431.0	428.0	426.4	304.5	270.0	232.0	190.0	161.6	134.2	113.1
25,0°	420.6	413.8	410.7	409.9	409.4	408.3	335.5	293.6	252.8	210.7	177.5	145.5	114.7
27,5°	392.8	386.5	383.4	386.2	386.0	387.3	350.5	310.3	269.4	225.3	185.2	150.2	118.6
30,0°	351.1	347.6	351.2	357.1	358.6	359.8	331.1	301.1	262.5	220.9	186.6	148.9	118.6
32,5°	316.0	311.8	313.8	317.3	316.9	318.0	330.3	297.1	251.0	209.0	173.4	140.8	113.8
35,0°	289.3	286.6	283.6	281.0	277.9	277.0	333.3	295.4	249.9	203.3	164.4	126.3	101.8
37,5°	258.8	255.8	254.7	256.6	257.6	258.7	317.4	288.3	249.4	204.5	160.8	121.2	92.4
40,0°	222.4	224.4	226.4	227.1	227.3	226.9	259.7	235.6	206.7	172.6	144.1	114.0	87.7
42,5°	203.5	200.6	198.0	193.3	190.0	189.6	274.7	229.7	186.4	145.1	117.8	100.4	86.4
45,0°	180.9	173.9	166.1	158.0	152.5	150.4	331.3	273.5	205.4	148.7	111.2	93.7	86.0
47,5°	157.8	147.5	137.1	127.3	120.7	117.9	349.0	284.8	207.9	148.1	108.8	90.5	84.3
50,0°	135.6	123.1	111.3	101.2	94.8	92.5	340.7	269.5	191.6	132.8	97.5	82.8	79.1
52,5°	115.0	102.2	90.3	81.1	76.0	74.3	334.9	255.3	176.9	120.2	89.0	76.2	72.6
55,0°	98.6	85.6	75.0	67.2	62.9	61.5	330.9	241.0	165.3	109.4	82.1	71.8	67.8
57,5°	85.4	72.3	62.9	56.9	53.6	52.8	331.3	233.6	154.8	102.8	78.0	69.0	64.7
60,0°	75.0	62.6	54.6	49.4	47.3	46.7	329.6	222.5	142.2	95.2	74.1	66.5	61.8
62,5°	65.4	54.6	48.0	44.3	42.6	42.2	321.9	212.9	130.3	88.6	70.6	64.2	60.0
65,0°	57.2	48.3	43.1	40.6	39.6	39.3	312.2	198.5	117.7	78.4	63.9	59.9	56.4
67,5°	49.5	42.3	38.6	36.9	36.6	36.7	305.5	188.9	108.7	72.2	59.1	55.1	51.2
70,0°	42.7	37.3	34.3	33.3	33.2	33.4	289.5	172.3	97.4	64.2	53.5	50.3	46.3
72,5°	37.0	32.5	30.4	29.2	28.9	28.8	271.3	161.0	90.3	58.4	48.2	44.5	41.6
75,0°	31.7	28.3	26.6	25.8	25.5	25.5	245.8	146.1	80.4	52.2	43.1	40.2	36.5
77,5°	27.3	24.7	23.3	22.7	22.4	22.4	201.0	126.0	69.7	44.4	37.0	34.4	31.8
80,0°	23.9	21.9	21.0	20.5	20.4	20.3	151.2	97.6	58.4	38.4	32.2	30.2	28.1
82,5°	21.4	19.9	19.2	18.8	18.7	18.6	118.7	78.8	48.8	32.7	27.1	25.3	23.1
85,0°	19.7	18.6	18.0	17.7	17.6	17.5	78.5	57.8	38.0	26.8	22.4	20.8	19.0
87,5°	18.6	17.6	17.2	16.9	16.8	16.6	56.7	42.6	31.0	22.4	19.3	17.9	16.2
90,0°	16.0	15.7	15.6	15.6	15.6	15.6	15.0	13.7	12.3	11.1	10.4	9.6	8.9
92,5°	14.9	15.0	15.0	15.0	15.1	15.1	12.1	11.4	10.6	9.8	9.1	8.5	7.8
95,0°	14.7	14.7	14.7	14.8	14.9	14.9	11.6	10.9	10.2	9.5	8.8	8.2	7.7
97,5°	14.2	14.3	14.3	14.4	14.4	14.5	11.0	10.4	9.8	9.2	8.6	8.0	7.4
100,0°	13.6	13.7	13.8	13.8	13.9	13.9	10.4	9.9	9.3	8.7	8.2	7.7	7.2
102,5°	13.0	13.2	13.2	13.3	13.3	13.0	9.7	9.3	8.7	8.3	7.8	7.3	6.8
105,0°	12.8	12.9	13.0	13.0	13.0	12.6	9.4	8.9	8.5	8.0	7.5	7.1	6.7
107,5°	12.5	12.6	12.7	12.7	12.7	12.0	9.1	8.6	8.3	7.8	7.4	6.9	6.5
110,0°	12.2	12.4	12.5	12.5	12.4	11.0	8.9	8.6	8.1	7.7	7.3	6.9	6.5
112,5°	12.1	12.2	12.2	12.3	11.0	6.4	8.8	8.4	8.0	7.7	7.2	6.9	6.5

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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°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	0.1	0.1
2,5°	35.3	35.2	35.1	34.9	34.4	34.0	33.5	32.4	31.2	30.3	29.8	0.5	0.6
5,0°	36.8	36.0	35.1	34.1	32.9	31.8	30.8	29.7	28.9	28.4	28.2	1.1	1.6
7,5°	39.3	37.1	35.3	33.7	32.3	31.1	30.0	28.9	28.0	27.6	27.5	2.5	4.1
10,0°	51.9	40.8	34.8	32.6	31.1	29.8	28.7	27.8	26.9	26.4	26.3	5.8	9.9
12,5°	82.2	76.6	66.4	56.4	48.9	40.2	31.3	28.1	26.4	25.9	25.6	10.3	20.2
15,0°	97.5	90.8	84.6	80.7	76.8	70.2	57.1	47.7	41.5	40.4	40.4	15.1	35.3
17,5°	93.9	85.7	79.6	76.7	72.2	72.6	73.5	71.5	70.7	70.5	68.9	20.4	55.8
20,0°	96.7	87.9	81.3	77.3	74.8	74.2	74.2	71.1	73.8	79.1	81.1	25.3	81.1
22,5°	97.5	86.2	78.8	74.8	74.2	75.2	76.2	72.4	73.3	74.8	74.5	29.4	110.4
25,0°	95.8	82.0	75.3	72.5	74.6	76.1	75.5	69.9	69.2	70.2	70.7	32.6	143.0
27,5°	96.9	81.6	75.1	73.4	74.8	74.1	73.5	70.3	66.1	66.3	67.3	34.6	177.7
30,0°	98.5	86.0	79.6	76.1	74.2	73.3	71.6	67.2	63.2	63.2	63.5	35.6	213.2
32,5°	97.9	87.8	80.1	75.3	75.8	72.9	71.2	65.8	60.9	60.3	60.9	36.9	250.1
35,0°	90.9	84.2	79.7	75.8	75.3	72.5	69.2	64.0	58.5	57.0	57.7	37.7	287.8
37,5°	78.7	77.9	78.3	76.3	74.4	71.3	67.0	63.1	55.3	55.1	56.2	36.5	324.3
40,0°	71.9	69.6	72.5	72.3	70.7	68.6	64.8	62.0	53.6	55.9	57.3	34.9	359.2
42,5°	74.2	65.5	64.6	64.5	63.3	61.7	60.2	57.3	52.6	53.4	55.9	37.1	396.3
45,0°	79.2	72.5	62.6	59.7	56.5	55.1	53.2	50.4	45.9	45.3	49.5	39.4	435.7
47,5°	81.5	78.0	71.0	59.2	51.4	46.8	45.2	43.6	38.6	40.2	44.9	40.0	475.8
50,0°	78.0	76.3	72.2	63.2	52.0	43.2	38.6	37.0	33.7	34.4	36.4	39.5	515.3
52,5°	71.1	70.7	68.1	62.0	52.1	43.5	37.5	33.2	30.2	29.6	31.8	39.3	554.6
55,0°	64.7	64.0	61.6	56.1	48.7	42.1	36.4	32.8	29.9	27.8	29.0	39.8	594.5
57,5°	60.2	57.7	55.7	50.8	45.0	39.3	34.7	31.8	29.2	26.9	28.2	40.7	635.1
60,0°	56.7	53.3	50.4	46.2	40.8	36.1	32.5	29.9	27.8	26.0	26.9	41.4	676.6
62,5°	53.6	48.8	45.4	41.8	37.7	33.7	30.4	28.1	26.0	24.2	25.0	41.5	718.1
65,0°	50.5	45.0	41.1	37.6	34.2	31.3	28.4	26.2	24.2	22.3	22.7	40.7	758.8
67,5°	46.2	41.1	37.0	33.8	31.0	28.4	26.1	24.1	22.2	20.5	20.8	39.2	798.0
70,0°	41.5	36.6	32.6	29.8	27.6	25.6	23.8	22.0	20.1	18.5	18.8	36.2	834.1
72,5°	36.6	32.5	29.0	26.4	24.3	22.7	21.0	19.4	17.9	16.3	16.7	32.1	866.3
75,0°	32.1	28.4	25.2	22.9	21.4	20.0	18.6	17.2	15.8	14.2	14.5	27.1	893.4
77,5°	28.2	24.9	22.4	20.3	18.7	17.3	16.0	14.5	13.3	11.9	12.2	21.7	915.1
80,0°	24.4	21.3	19.0	17.0	15.5	14.3	13.1	11.8	10.7	9.6	9.9	16.8	931.9
82,5°	20.6	17.9	16.2	14.7	13.4	12.1	11.0	9.9	8.8	7.8	8.0	13.0	944.9
85,0°	16.7	14.9	13.5	12.3	11.2	10.1	9.0	8.0	7.1	6.3	6.4	9.6	954.5
87,5°	14.5	12.5	11.1	10.2	9.3	8.3	7.4	6.6	5.9	5.1	5.3	7.5	962.0
90,0°	8.3	7.8	7.3	6.9	6.2	5.7	5.1	4.6	4.3	3.8	3.9	3.4	965.4
92,5°	7.2	6.6	6.1	5.7	5.2	4.8	4.5	4.2	3.9	3.5	3.7	3.0	968.4
95,0°	7.0	6.6	6.0	5.6	5.2	4.8	4.4	4.2	3.9	3.6	3.7	2.9	971.3
97,5°	6.9	6.4	6.0	5.5	5.1	4.7	4.4	4.2	3.9	3.6	3.8	2.8	974.1
100,0°	6.8	6.3	5.9	5.5	5.1	4.7	4.4	4.1	3.9	3.6	3.7	2.6	976.7
102,5°	6.4	6.0	5.5	5.2	4.8	4.4	4.2	4.0	3.7	3.5	3.5	2.5	979.2
105,0°	6.2	5.8	5.4	5.0	4.7	4.4	4.2	3.9	3.7	3.5	3.5	2.4	981.6
107,5°	6.1	5.7	5.3	5.0	4.7	4.4	4.2	3.9	3.6	3.5	3.4	2.3	983.9
110,0°	6.1	5.7	5.3	5.0	4.7	4.4	4.2	4.0	3.7	3.4	2.9	2.2	986.1
112,5°	6.0	5.7	5.3	5.0	4.7	4.4	4.2	4.0	3.8	3.1	2.1	2.1	988.2

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255LF14H + 5XA54000XSA EAN: 4058352833520 + 4058352161326	LP-Nummer 59285_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°	9.0	9.4	9.6	9.9	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.7
117,5°	8.7	9.1	9.4	9.6	9.9	10.1	10.4	10.5	10.7	10.9	11.1	11.2	11.4
120,0°	8.3	8.6	9.0	9.2	9.5	9.7	9.9	10.1	10.3	10.4	10.7	10.9	11.0
122,5°	7.4	7.8	8.1	8.3	8.6	8.7	8.9	9.2	9.4	9.5	9.7	9.9	10.1
125,0°	6.0	6.1	6.4	6.6	6.8	6.9	7.0	7.2	7.4	7.5	7.7	7.8	8.0
127,5°	4.1	4.3	4.3	4.5	4.5	4.7	4.7	4.8	4.9	4.9	5.0	5.2	5.2
130,0°	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3
132,5°	2.6	2.7	2.7	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2
137,5°	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7
140,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2
142,5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145,0°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
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.: 5XA5255LF14H + 5XA54000XSA EAN: 4058352833520 + 4058352161326	LP-Nummer 59285_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°	11.9	12.0	12.0	12.1	9.7	4.2	8.7	8.3	7.9	7.6	7.1	6.8	6.4
117,5°	11.6	11.7	11.8	11.9	8.6	4.0	8.4	8.0	7.7	7.3	6.9	6.6	6.2
120,0°	11.2	11.2	11.4	11.5	7.5	3.2	8.0	7.7	7.3	6.9	6.7	6.3	5.9
122,5°	10.2	10.4	10.4	10.5	6.5	2.8	7.2	6.9	6.6	6.3	5.9	5.6	5.3
125,0°	8.1	8.2	8.3	8.2	5.2	2.6	5.6	5.3	5.2	4.9	4.6	4.4	4.2
127,5°	5.3	5.3	5.4	5.2	3.3	1.9	3.9	3.8	3.6	3.5	3.3	3.2	3.0
130,0°	3.3	3.3	3.3	3.1	2.1	1.4	2.9	2.8	2.8	2.7	2.6	2.6	2.5
132,5°	2.8	2.8	2.8	2.5	1.8	1.3	2.6	2.5	2.5	2.4	2.4	2.3	2.3
135,0°	2.2	2.3	2.3	1.9	1.4	1.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0
137,5°	1.7	1.7	1.7	1.5	1.1	0.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7
140,0°	1.2	1.2	1.2	1.0	0.8	0.8	1.4	1.4	1.4	1.4	1.3	1.3	1.3
142,5°	0.9	0.9	0.9	0.9	0.7	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.1
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
147,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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.: 5XA5255LF14H + 5XA54000XSA EAN: 4058352833520 + 4058352161326	LP-Nummer 59285_21
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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	
115,0°	6.0	5.6	5.3	5.0	4.7	4.4	4.2	4.0	3.8	2.9	1.8	2.0	990.3
117,5°	5.8	5.4	5.1	4.8	4.5	4.2	4.0	3.8	3.6	2.7	1.7	1.9	992.2
120,0°	5.6	5.2	4.9	4.6	4.3	4.0	3.8	3.6	3.5	2.4	1.6	1.8	994.0
122,5°	5.0	4.7	4.4	4.1	3.8	3.6	3.4	3.2	3.1	2.2	1.6	1.6	995.6
125,0°	3.9	3.6	3.5	3.3	3.0	2.8	2.7	2.6	2.3	1.8	1.4	1.2	996.8
127,5°	2.9	2.7	2.6	2.5	2.3	2.2	2.1	2.0	1.8	1.5	1.4	0.8	997.6
130,0°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.6	1.4	1.4	0.6	998.2
132,5°	2.2	2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.5	1.4	1.4	0.5	998.7
135,0°	1.9	1.9	1.8	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.2	0.4	999.0
137,5°	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	0.3	999.3
140,0°	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	0.2	999.6
142,5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
145,0°	0.9	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°	0.9	0.9	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.: 5XA5255LF14H + 5XA54000XSA EAN: 4058352833520 + 4058352161326	LP-Nummer 59285_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	1060	10.0	10.4	10.2
95	241	252	1006	9.5	9.9	9.7
90	229	250	956	9.0	9.3	9.2
85	216	248	901	8.5	8.8	8.6
80	203	246	847	8.0	8.3	8.2
75	190	243	793	7.6	7.7	7.6
70	178	241	743	7.1	7.3	7.2
65	165	238	689	6.6	6.8	6.7
60	152	235	634	6.1	6.4	6.2
55	140	232	584	5.7	5.9	5.8
50	127	229	530	5.3	5.5	5.4
45	114	225	476	4.8	5.0	4.9
40	102	221	426	4.4	4.6	4.5
35	89	216	371	4.0	4.1	4.0
30	76	210	317	3.6	3.7	3.6
30	75	209	313	3.5	3.7	3.6