

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: 5XA5255EU14H000022
EAN: 4058352023945

LP-Nummer
57121_81

Seriendokumentation
11.10.2023

siteco



Ausführung Mastaufsatz- oder Montage am Wandausleger, Smart Interface unten

Optik asymmetrisch, breit strahlend (ST1.2a)

Abdeckung Abdeckung klar, PMMA

Bestückung LED 3000 K | CRI ≥ 70

Betriebsgerät EVG SITECO iQ - Smart Interface

Bemessungswerte Nettolichtstrom = 1530 lm
Systemleistung = 10.7 W
Lichtausbeute = 143 lm/W

Lichtstärke in cd/klm

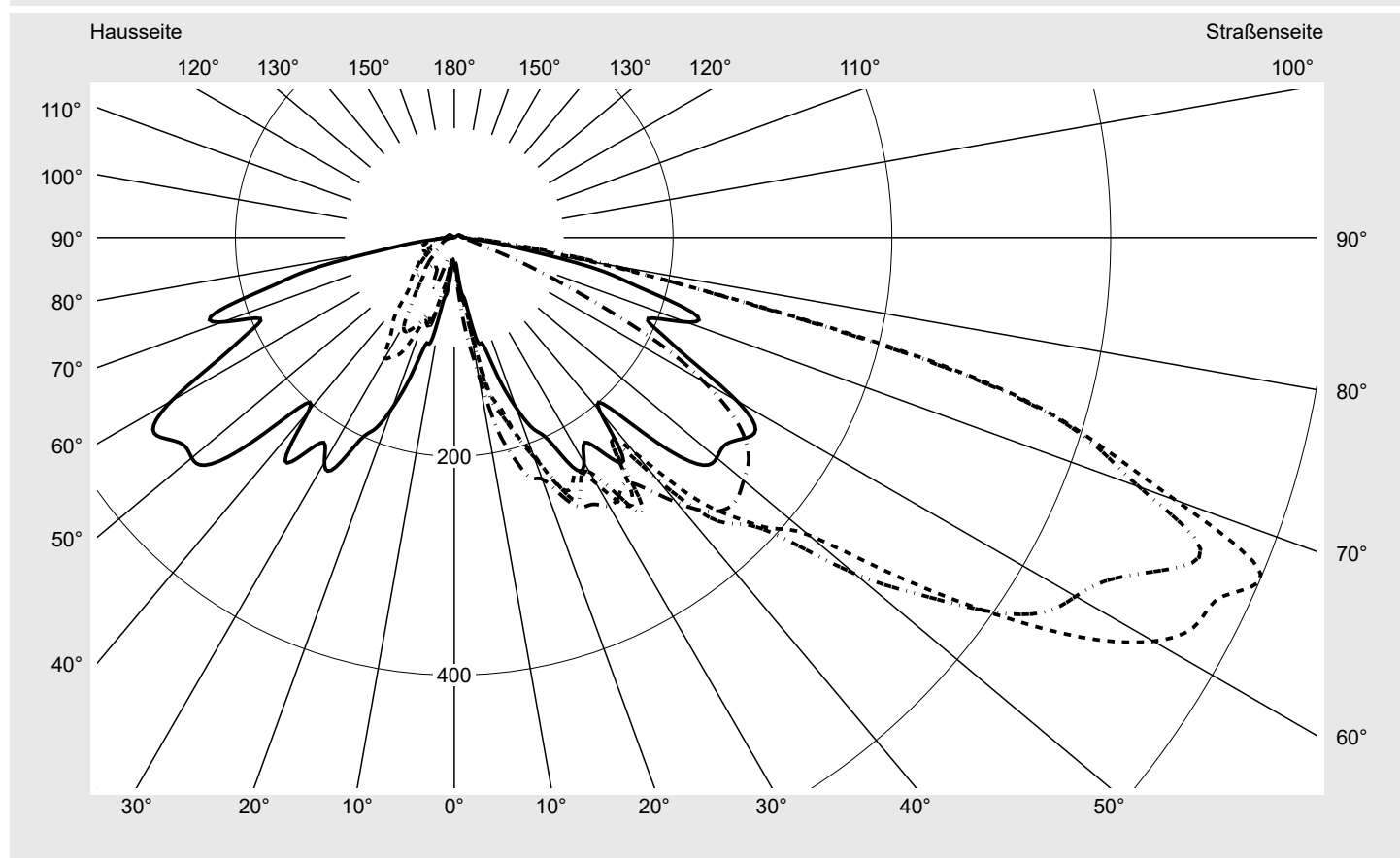
C180-0

C205-25

C210-30

C270-90

Imax: 797 cd/klm



Leuchtenbetriebswirkungsgrade

Eta 100.0%

Eta 0° - 90° 97.8%

Eta 90° - 180° 2.2%

Lichtstärkeklasse nach EN13201-2

Klasse: G2

Imax 70° 701.3

Imax 80° 144.7

Imax 90° 9.2

Imax >90° 8.3

Imax >95° 7.6

Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm

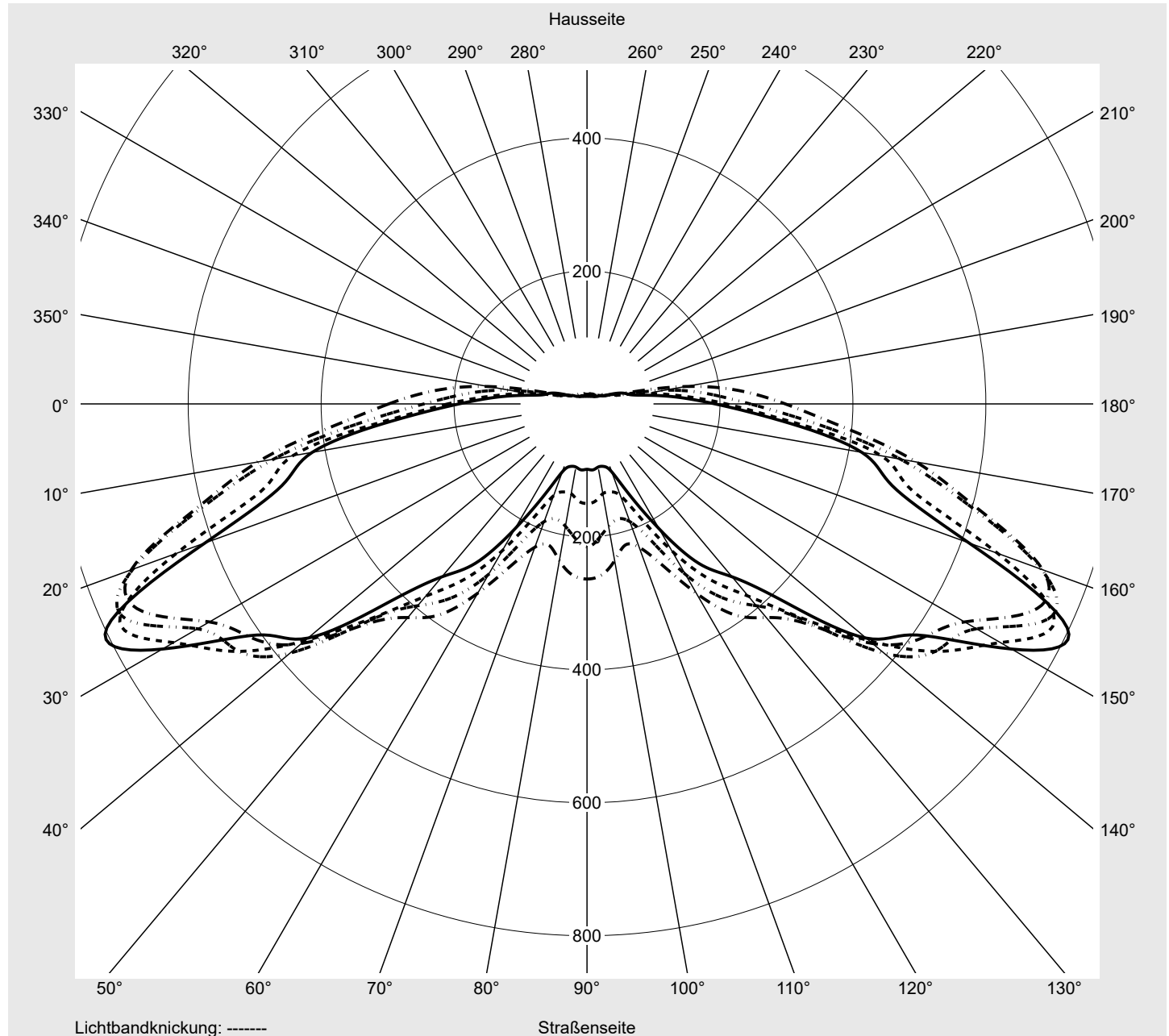
KMK 67.5°

KMK 65°

KMK 62.5°

KMK 60°

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Familie LATERNE LED				Bestell-Nr.: 5XA5255EU14H000022 EAN: 4058352023945								LP-Nummer 57121_81	
Wertetabelle Lichtstärkemessung												siteco	
Maximale Lichtstärke													
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°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
2,5°	24.1	24.8	25.1	26.0	27.0	27.3	27.9	28.6	29.5	30.5	31.4	31.7	32.4
5,0°	28.9	30.8	32.7	35.9	39.0	41.6	43.5	45.7	47.6	49.5	51.1	52.7	54.3
7,5°	51.1	53.3	53.6	54.6	55.2	57.1	60.0	63.2	68.2	73.6	78.4	85.0	91.7
10,0°	60.6	61.6	64.4	66.3	70.5	77.4	88.2	102.5	116.1	127.9	129.2	127.9	127.6
12,5°	96.8	90.8	99.6	112.3	133.0	140.3	147.2	156.5	153.3	157.4	149.2	149.2	149.8
15,0°	100.9	109.8	137.7	143.4	152.6	159.6	167.9	167.9	186.9	197.4	185.0	191.7	185.6
17,5°	134.2	153.6	164.7	165.3	174.2	188.8	191.0	194.2	206.0	206.9	213.3	212.9	206.3
20,0°	165.7	182.8	199.6	208.8	212.6	209.8	213.6	206.6	203.1	213.6	219.6	219.0	217.1
22,5°	189.5	213.3	226.6	239.3	241.8	243.7	241.5	234.5	217.1	219.0	225.0	240.2	245.3
25,0°	204.4	227.9	245.9	256.4	252.9	252.6	265.6	262.1	246.3	237.7	231.7	247.2	262.4
27,5°	238.0	238.6	255.8	253.2	249.8	241.2	250.4	266.9	273.6	267.8	258.6	258.6	271.6
30,0°	237.4	255.8	264.0	272.9	265.9	259.3	247.5	263.1	279.6	297.7	292.0	283.4	285.0
32,5°	222.1	245.0	245.3	265.9	280.2	290.4	279.9	289.1	299.6	312.6	329.1	316.7	292.3
35,0°	242.8	253.6	265.3	276.1	278.6	281.5	300.5	296.4	289.7	297.7	320.5	320.5	302.4
37,5°	253.6	265.6	260.2	268.5	255.1	237.1	235.8	273.9	312.9	311.0	309.1	324.6	330.0
40,0°	207.2	208.2	208.2	216.4	242.5	256.7	287.5	296.4	315.1	337.7	340.5	359.2	363.7
42,5°	212.6	227.2	255.1	269.7	290.7	320.5	348.1	357.0	356.1	381.4	386.5	378.6	378.3
45,0°	270.4	284.3	318.6	332.6	352.6	360.8	370.3	391.9	402.4	396.0	413.2	395.4	389.4
47,5°	307.8	328.8	379.9	402.7	408.4	393.5	404.9	423.7	440.2	429.7	425.6	419.2	405.2
50,0°	313.2	338.0	438.3	433.2	461.1	423.0	478.2	484.9	464.6	448.1	454.8	435.4	409.1
52,5°	311.6	339.9	423.3	456.3	513.5	506.2	536.0	543.0	491.9	460.5	457.3	441.7	402.4
55,0°	320.8	357.6	431.9	503.0	587.1	597.2	595.3	574.1	517.0	464.6	456.0	439.5	383.4
57,5°	326.5	388.1	470.3	564.2	670.9	680.1	637.9	587.4	539.5	472.2	441.7	421.1	364.0
60,0°	298.3	383.4	503.0	608.7	729.6	738.1	656.0	614.4	560.7	467.8	419.5	387.5	328.8
62,5°	245.3	347.5	478.9	597.9	727.0	765.4	676.6	644.8	583.3	459.2	396.4	356.4	296.1
65,0°	209.4	308.8	449.7	507.8	657.5	775.6	718.2	649.0	554.4	454.8	377.6	322.4	255.1
67,5°	192.6	294.2	419.8	475.4	611.5	797.2	737.5	606.1	548.1	421.8	339.6	292.6	217.1
70,0°	225.6	327.8	433.5	483.3	562.3	701.3	666.1	563.3	477.3	377.3	306.6	260.5	181.8
72,5°	229.1	332.3	404.3	464.0	541.4	608.4	603.3	493.8	378.0	304.7	241.8	208.8	148.2
75,0°	174.9	292.3	363.0	400.5	472.2	488.7	479.8	346.2	253.2	212.3	198.3	182.2	132.0
77,5°	134.6	194.2	216.1	257.4	281.8	272.0	264.3	188.2	158.0	152.3	156.5	154.5	113.9
80,0°	71.4	82.5	104.4	137.4	131.1	131.1	144.7	127.3	103.5	74.9	66.0	75.5	46.3
82,5°	39.7	42.5	47.0	72.4	58.7	48.6	71.1	86.6	69.2	47.3	30.8	21.9	16.2
85,0°	16.8	17.8	17.8	21.3	15.6	21.6	34.6	40.6	26.7	19.4	13.6	12.7	11.4
87,5°	11.7	11.7	11.4	12.1	12.7	15.6	19.0	15.6	16.2	13.3	10.8	10.2	9.8
90,0°	7.6	7.9	8.3	8.6	8.9	8.9	9.2	9.2	8.9	8.9	8.9	8.9	8.3
92,5°	7.3	7.6	7.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
95,0°	7.0	7.3	7.6	7.6	7.9	8.3	7.6	7.6	7.6	7.9	7.6	7.9	7.9
97,5°	7.0	7.0	7.0	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
100,0°	6.3	6.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.6
102,5°	5.7	6.3	6.3	6.3	6.3	6.3	6.3	6.7	7.0	7.0	7.0	7.0	7.0
105,0°	5.7	5.7	5.7	6.0	6.0	6.3	6.3	6.3	6.3	6.3	6.3	6.7	6.7
107,5°	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.3	6.3	6.3	6.3	6.3
110,0°	5.7	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.3	6.3	6.3	6.3
112,5°	5.1	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.3	6.3

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Wertetabelle Lichtstärkemessung												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	Maximale Lichtstärke Lichtstärke in cd/klm												
0,0°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
2,5°	32.4	32.7	33.3	33.0	33.3	33.0	23.8	23.8	23.5	22.8	23.2	23.2	22.5
5,0°	55.2	56.2	56.8	57.4	58.1	58.4	27.3	26.0	25.1	24.1	23.5	23.5	23.2
7,5°	94.9	96.8	95.8	92.7	92.3	92.7	47.6	40.9	34.9	29.2	25.7	23.5	22.8
10,0°	131.4	128.2	127.9	124.4	125.0	125.7	56.2	60.9	55.5	54.6	48.9	40.9	31.1
12,5°	157.1	165.0	166.9	176.4	178.0	177.1	86.3	76.5	60.0	57.1	54.3	52.7	52.7
15,0°	189.1	193.3	199.6	202.1	204.7	206.9	87.6	81.9	86.0	67.3	79.3	82.2	67.3
17,5°	207.9	212.3	216.7	221.2	226.6	229.8	119.6	103.1	86.0	78.1	83.1	74.6	64.7
20,0°	217.7	218.3	225.0	232.3	232.0	234.8	161.5	141.2	117.1	104.4	81.6	77.4	67.3
22,5°	243.1	242.5	245.6	252.3	255.8	254.5	159.6	153.0	139.9	120.3	100.0	85.7	68.9
25,0°	262.4	262.4	266.3	271.0	272.0	271.6	180.3	163.8	142.8	127.9	117.1	92.3	79.7
27,5°	284.0	283.4	276.1	276.4	275.1	274.8	225.3	186.3	158.4	142.8	122.2	96.8	70.1
30,0°	296.4	286.9	275.1	277.7	280.2	283.1	231.3	195.8	167.6	143.1	126.6	91.4	65.7
32,5°	300.8	294.2	280.9	276.1	279.3	279.9	213.9	191.7	164.4	141.9	110.4	74.3	51.1
35,0°	292.9	303.4	292.6	283.1	276.7	273.6	231.7	184.4	151.4	129.2	98.4	61.2	44.7
37,5°	325.0	321.5	299.6	288.1	288.8	290.1	247.5	196.1	155.8	129.5	88.2	49.8	43.8
40,0°	343.1	327.5	303.1	304.7	312.3	316.1	196.1	163.8	136.8	111.7	69.5	43.2	41.6
42,5°	354.2	334.2	321.2	328.5	334.5	338.9	191.7	160.9	117.1	103.8	59.7	45.4	40.0
45,0°	378.9	349.7	339.9	343.7	348.8	351.0	268.8	200.6	152.6	108.2	55.9	48.6	42.8
47,5°	387.8	354.2	346.2	347.8	350.3	351.6	296.4	221.8	171.7	101.2	51.4	48.2	43.2
50,0°	382.4	344.0	339.2	342.7	345.0	345.3	307.2	226.3	177.7	79.0	46.3	44.4	39.7
52,5°	358.0	321.8	322.1	330.7	337.0	338.9	302.7	223.1	164.1	61.9	42.2	39.0	35.9
55,0°	329.4	294.2	298.0	309.1	320.8	325.6	298.6	211.7	147.9	48.6	38.7	35.2	31.4
57,5°	297.7	263.1	265.3	279.9	294.8	301.5	280.9	190.4	103.5	43.5	34.3	30.8	28.6
60,0°	267.2	229.4	220.2	239.3	258.0	263.4	229.8	150.7	68.2	41.6	30.5	27.0	25.4
62,5°	225.3	188.5	179.3	186.9	203.1	215.2	180.3	118.1	52.0	38.4	29.2	24.4	22.2
65,0°	187.6	146.9	137.1	137.1	146.6	149.8	140.6	90.4	51.7	39.7	29.5	25.1	20.6
67,5°	150.4	108.8	97.4	96.5	99.6	98.4	127.6	76.2	60.3	46.3	30.1	25.4	20.0
70,0°	122.5	82.5	58.7	59.0	60.6	62.2	146.6	81.2	65.4	43.8	29.8	23.5	18.7
72,5°	94.9	65.1	39.7	35.5	35.2	36.8	136.1	80.6	60.6	37.4	31.7	23.2	18.4
75,0°	71.4	38.7	28.9	25.1	23.8	23.5	86.3	63.8	52.0	34.3	32.1	23.8	18.7
77,5°	50.8	24.4	20.6	18.4	17.8	17.8	68.9	48.2	42.5	34.3	27.3	22.8	18.4
80,0°	20.6	16.2	14.9	14.3	14.0	14.0	49.2	41.6	36.5	31.1	25.7	21.6	16.8
82,5°	13.0	11.7	11.4	11.1	11.4	11.4	29.5	28.9	26.0	21.6	20.0	17.1	14.0
85,0°	10.8	10.2	9.8	10.2	10.2	10.2	14.9	16.2	19.4	18.7	16.8	14.3	12.1
87,5°	9.2	8.9	8.9	8.9	9.2	8.9	11.7	12.7	14.3	12.4	10.8	9.8	8.9
90,0°	8.3	8.3	8.3	8.3	8.3	8.3	7.3	6.7	6.7	6.0	5.7	5.4	5.4
92,5°	8.3	8.3	8.3	8.3	8.3	8.3	7.0	6.3	6.0	5.7	5.4	5.4	5.1
95,0°	7.9	7.9	7.6	7.6	7.6	7.6	6.7	6.3	6.0	5.7	5.4	5.1	5.1
97,5°	7.6	7.6	7.6	7.6	7.6	7.6	6.3	6.3	5.7	5.4	5.4	5.1	4.8
100,0°	7.0	7.3	7.3	7.0	7.3	7.0	6.3	5.7	5.7	5.1	5.1	4.8	4.4
102,5°	7.0	7.0	7.0	7.0	7.0	7.0	5.7	5.7	5.1	5.1	4.8	4.4	4.4
105,0°	6.7	7.0	7.0	6.7	7.0	6.3	5.7	5.1	5.1	4.8	4.4	4.4	4.4
107,5°	6.3	6.3	6.3	6.3	6.3	6.3	5.1	5.1	5.1	4.8	4.4	4.4	4.1
110,0°	6.3	6.3	6.3	6.3	6.3	5.7	5.1	5.1	5.1	4.4	4.4	4.4	3.8
112,5°	6.3	6.3	6.3	6.3	5.7	3.2	5.1	5.1	5.1	4.4	4.4	4.4	4.1

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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	Maximale Lichtstärke Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	0.0	0.0
2,5°	22.5	22.2	21.6	20.9	20.9	20.9	20.6	20.6	20.9	20.6	20.9	0.3	0.3
5,0°	22.8	22.5	21.6	21.3	20.6	20.3	20.0	20.0	19.7	19.4	19.7	0.8	1.2
7,5°	22.5	22.5	21.6	20.9	20.6	20.3	20.0	20.0	19.7	19.4	19.7	1.8	3.0
10,0°	24.8	23.2	22.5	22.2	20.6	19.7	19.4	19.4	19.0	18.7	18.4	3.3	6.3
12,5°	50.1	42.2	31.1	22.8	22.2	22.2	21.9	19.4	18.4	18.7	18.4	5.6	11.8
15,0°	58.4	52.7	49.8	46.0	37.1	26.7	26.0	25.1	21.3	20.3	19.7	8.1	19.9
17,5°	59.0	47.9	44.7	44.4	45.1	42.5	37.8	32.4	26.0	24.8	23.5	10.6	30.6
20,0°	54.9	43.8	40.3	39.0	38.7	39.7	38.7	38.7	36.8	40.9	43.8	13.3	43.8
22,5°	52.0	39.4	37.1	36.2	36.5	36.5	38.4	40.0	45.7	45.7	48.9	16.3	60.2
25,0°	54.9	39.4	35.5	35.2	34.9	36.5	42.2	44.7	45.7	43.2	43.8	19.3	79.5
27,5°	52.7	41.9	38.7	37.4	38.1	38.4	39.4	41.9	41.3	39.7	34.9	22.1	101.6
30,0°	49.8	47.6	43.8	42.5	40.0	38.7	39.7	38.1	36.2	34.6	32.4	24.8	126.4
32,5°	50.5	49.2	47.3	47.0	43.5	39.7	38.1	35.2	32.7	31.7	31.1	27.1	153.4
35,0°	45.7	47.9	47.9	49.2	47.0	44.4	39.4	35.5	30.5	28.9	29.2	29.0	182.4
37,5°	42.8	43.8	47.3	49.5	49.2	45.1	41.6	38.1	34.3	30.5	30.5	30.8	213.3
40,0°	40.9	40.3	39.4	43.2	44.1	43.8	43.5	42.2	39.7	37.1	36.2	32.2	245.5
42,5°	37.4	36.8	35.5	34.0	35.5	38.4	38.7	40.0	40.9	39.7	39.4	36.6	282.1
45,0°	36.8	33.6	32.1	31.7	31.1	31.4	33.0	35.2	34.3	34.9	34.3	42.2	324.4
47,5°	36.8	32.1	29.8	28.6	28.2	27.6	28.2	28.2	27.9	29.2	29.8	47.0	371.4
50,0°	35.2	30.8	27.9	26.0	24.8	24.8	24.4	24.8	24.8	23.2	22.8	50.8	422.2
52,5°	32.4	29.2	26.3	24.1	22.8	21.6	20.6	20.6	20.3	20.6	20.3	53.4	475.6
55,0°	28.9	26.0	23.8	22.2	20.6	20.0	18.7	18.4	17.8	17.8	17.8	56.0	531.6
57,5°	25.7	22.8	20.9	19.7	19.0	18.7	17.5	17.1	15.9	15.6	15.2	58.0	589.6
60,0°	22.5	20.0	18.1	17.5	17.1	16.5	16.2	15.9	14.9	14.6	14.6	58.0	647.6
62,5°	20.0	17.8	16.5	15.9	15.2	14.9	14.3	14.3	13.3	13.6	13.3	56.0	703.6
65,0°	18.1	16.2	15.2	14.9	14.3	13.6	13.3	13.3	12.4	12.4	12.1	52.6	756.1
67,5°	17.5	15.6	14.6	13.6	13.0	12.4	12.1	12.1	11.4	11.4	11.4	49.8	806.0
70,0°	16.8	14.6	13.6	13.0	12.4	11.4	11.1	10.8	10.5	10.2	10.2	46.7	852.6
72,5°	15.6	14.0	12.7	11.7	11.1	10.5	10.2	9.8	9.5	9.5	8.9	41.8	894.4
75,0°	15.2	13.0	11.4	10.5	10.2	9.5	8.9	8.9	8.3	8.3	8.3	33.9	928.3
77,5°	14.6	12.4	10.2	9.2	8.6	8.3	7.6	7.6	7.3	7.3	7.0	22.6	951.0
80,0°	14.0	11.1	8.6	7.9	7.3	6.7	6.3	5.7	5.7	5.7	5.7	12.7	963.6
82,5°	12.1	9.5	7.3	6.7	6.0	5.4	5.1	4.8	4.4	4.4	4.4	7.1	970.7
85,0°	9.8	7.9	6.3	5.4	5.1	4.4	4.4	3.8	3.8	3.8	3.8	3.8	974.5
87,5°	7.3	6.7	5.4	4.8	4.4	3.8	3.5	3.5	3.2	3.2	3.2	2.6	977.1
90,0°	4.8	4.4	4.1	4.1	3.8	3.5	3.2	3.2	3.2	2.9	2.5	1.8	979.0
92,5°	4.8	4.4	4.4	4.1	3.8	3.8	3.2	3.2	3.2	3.2	3.2	1.8	980.7
95,0°	4.8	4.4	4.4	4.1	3.8	3.8	3.5	3.2	3.2	3.2	3.2	1.7	982.4
97,5°	4.4	4.4	4.1	3.8	3.8	3.8	3.5	3.2	3.2	3.2	3.2	1.6	984.0
100,0°	4.4	4.1	4.1	3.8	3.8	3.8	3.2	3.2	3.2	3.2	3.2	1.5	985.6
102,5°	4.1	3.8	3.8	3.8	3.5	3.2	3.2	3.2	2.9	2.9	2.5	1.4	987.0
105,0°	3.8	3.8	3.8	3.5	3.2	3.2	3.2	2.9	2.9	2.5	2.5	1.4	988.4
107,5°	3.8	3.8	3.8	3.5	3.2	3.2	3.2	2.9	2.9	2.5	2.5	1.3	989.7
110,0°	3.8	3.8	3.8	3.5	3.2	3.2	3.2	3.2	2.9	2.5	2.5	1.3	991.0
112,5°	3.8	3.8	3.8	3.5	3.2	3.2	3.2	3.2	2.9	2.5	1.9	1.2	992.2

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255EU14H000022 EAN: 4058352023945	LP-Nummer 57121_81
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°	5.1	5.1	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.3
117,5°	5.1	5.1	5.1	5.1	5.4	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7
120,0°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.7	5.7	5.7	5.7	5.7
122,5°	4.4	4.4	4.4	4.4	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.7
125,0°	3.8	3.8	3.8	3.8	4.1	3.8	4.1	4.4	4.4	4.4	4.4	4.4	4.4
127,5°	2.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
130,0°	2.5	2.5	2.2	2.2	2.2	2.2	2.5	1.9	1.9	2.2	1.9	2.2	2.2
132,5°	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
135,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.9	1.9
137,5°	1.9	1.6	1.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	1.0	1.0	0.6	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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

Familie LATERNE LED	Bestell-Nr.: 5XA5255EU14H000022 EAN: 4058352023945	LP-Nummer 57121_81 siteco
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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	6.3	5.1	2.5	5.1	5.1	4.4	4.4	4.4	4.4	4.1
117,5°	6.0	6.0	6.0	6.3	4.8	2.5	5.1	5.1	4.4	4.4	4.4	4.1	3.8
120,0°	5.7	5.7	5.7	5.7	3.8	1.9	4.4	4.4	4.4	4.4	4.4	3.8	3.8
122,5°	5.7	5.7	5.7	5.7	3.5	1.9	4.4	4.4	4.1	3.8	3.8	3.8	3.5
125,0°	4.4	4.4	4.4	4.4	3.2	1.9	3.8	3.8	3.5	3.2	3.2	3.2	3.2
127,5°	3.5	3.5	3.5	3.2	1.9	1.3	3.2	2.5	2.5	2.5	2.5	2.5	2.5
130,0°	2.5	2.5	2.5	1.9	1.3	1.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5
132,5°	1.9	1.9	1.9	1.9	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
135,0°	1.9	1.9	1.9	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
137,5°	1.3	1.3	1.3	1.3	0.6	0.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9
140,0°	1.3	1.3	1.0	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.0	1.3	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
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
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	3.8	3.8	3.8	3.5	3.5	3.2	3.2	3.2	3.2	2.5	1.9	1.2	993.4
117,5°	3.8	3.8	3.5	3.5	3.5	3.2	3.2	2.9	2.9	2.2	1.9	1.1	994.5
120,0°	3.8	3.8	3.5	3.2	3.2	3.2	3.2	2.5	2.5	1.9	1.9	1.0	995.6
122,5°	3.5	3.2	3.2	3.2	2.9	2.9	2.5	2.5	2.5	1.9	1.9	1.0	996.5
125,0°	3.2	3.2	2.9	2.5	2.5	2.5	2.5	2.5	1.9	1.9	1.9	0.8	997.3
127,5°	2.5	2.5	2.5	2.5	2.5	2.2	1.9	1.9	1.9	1.6	1.9	0.6	997.9
130,0°	2.5	2.5	1.9	2.2	1.9	1.9	1.9	1.9	1.9	1.6	1.9	0.5	998.3
132,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.9	0.4	998.7
135,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.3	1.3	0.4	999.1
137,5°	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.3	1.3	1.3	1.3	0.3	999.4
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.6
142,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.7
145,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	999.9
147,5°	1.3	1.0	1.0	1.3	1.3	1.3	1.0	1.3	1.0	1.3	0.6	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

Familie LATERNE LED	Bestell-Nr.: 5XA5255EU14H000022 EAN: 4058352023945	LP-Nummer 57121_81
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	10.7	11.1	10.9
95	241	252	1452	10.1	10.4	10.2
90	229	250	1379	9.6	9.9	9.8
85	216	248	1301	9.0	9.3	9.2
80	203	246	1223	8.5	8.8	8.6
75	190	243	1144	7.9	8.2	8.0
70	178	241	1072	7.5	7.7	7.6
65	165	238	994	6.9	7.2	7.0
60	152	235	916	6.6	6.7	6.6
55	140	232	843	6.1	6.3	6.2
50	127	229	765	5.6	5.8	5.7
45	114	225	687	5.2	5.3	5.2
40	102	221	614	4.7	4.8	4.8
35	89	216	536	4.2	4.4	4.3
30	76	210	458	3.8	3.9	3.8
25	63	203	379	3.3	3.4	3.4
20	51	195	307	2.7	2.8	2.8
17	42	188	253	2.2	2.3	2.2