

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: 5XA5255EY14H000022
EAN: 4058352023983

LP-Nummer
57121_83

Seriendokumentation
11.10.2023

siteco



Ausführung	Mastaufsatz- oder Montage am Wandausleger
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

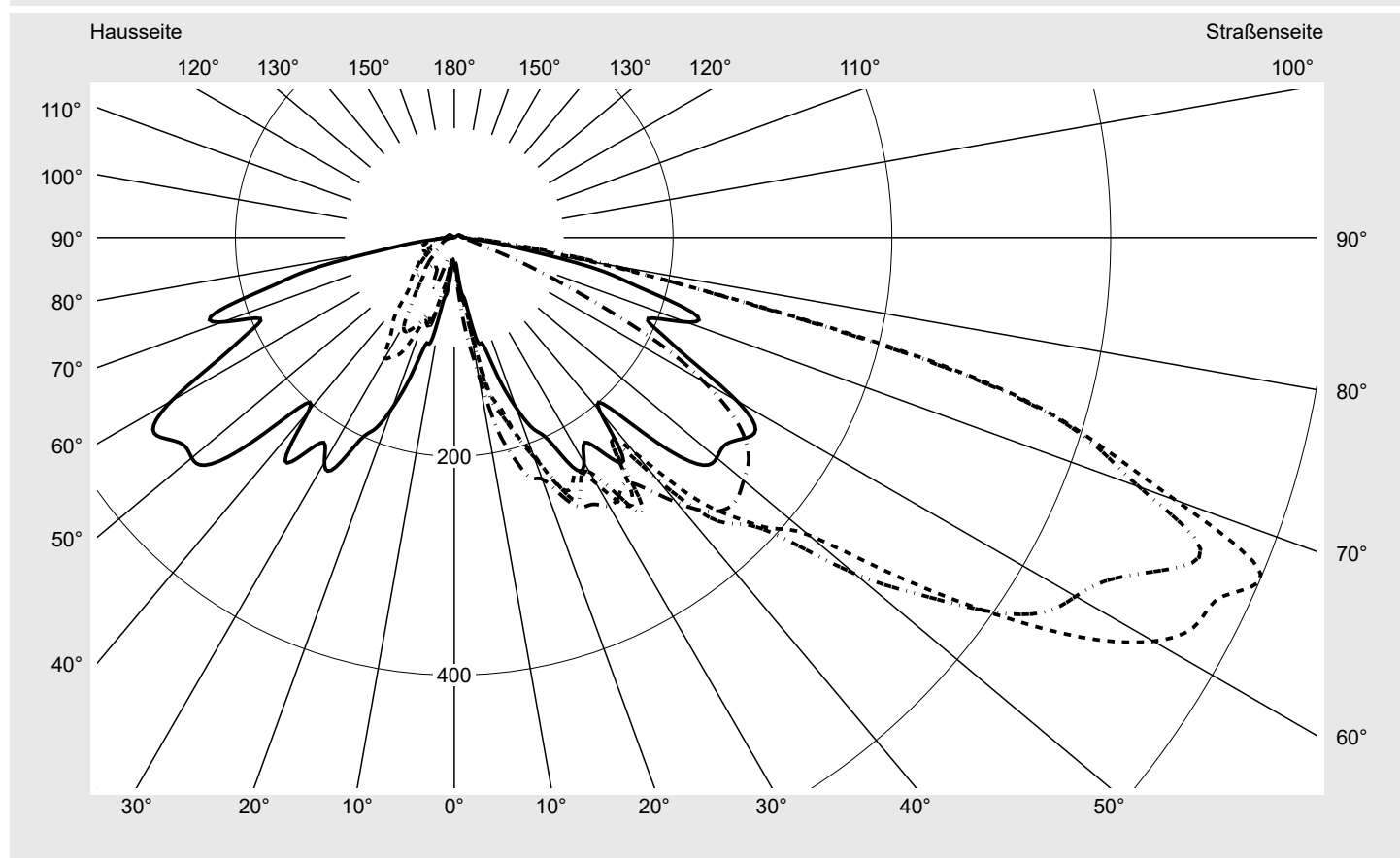
C180-0

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

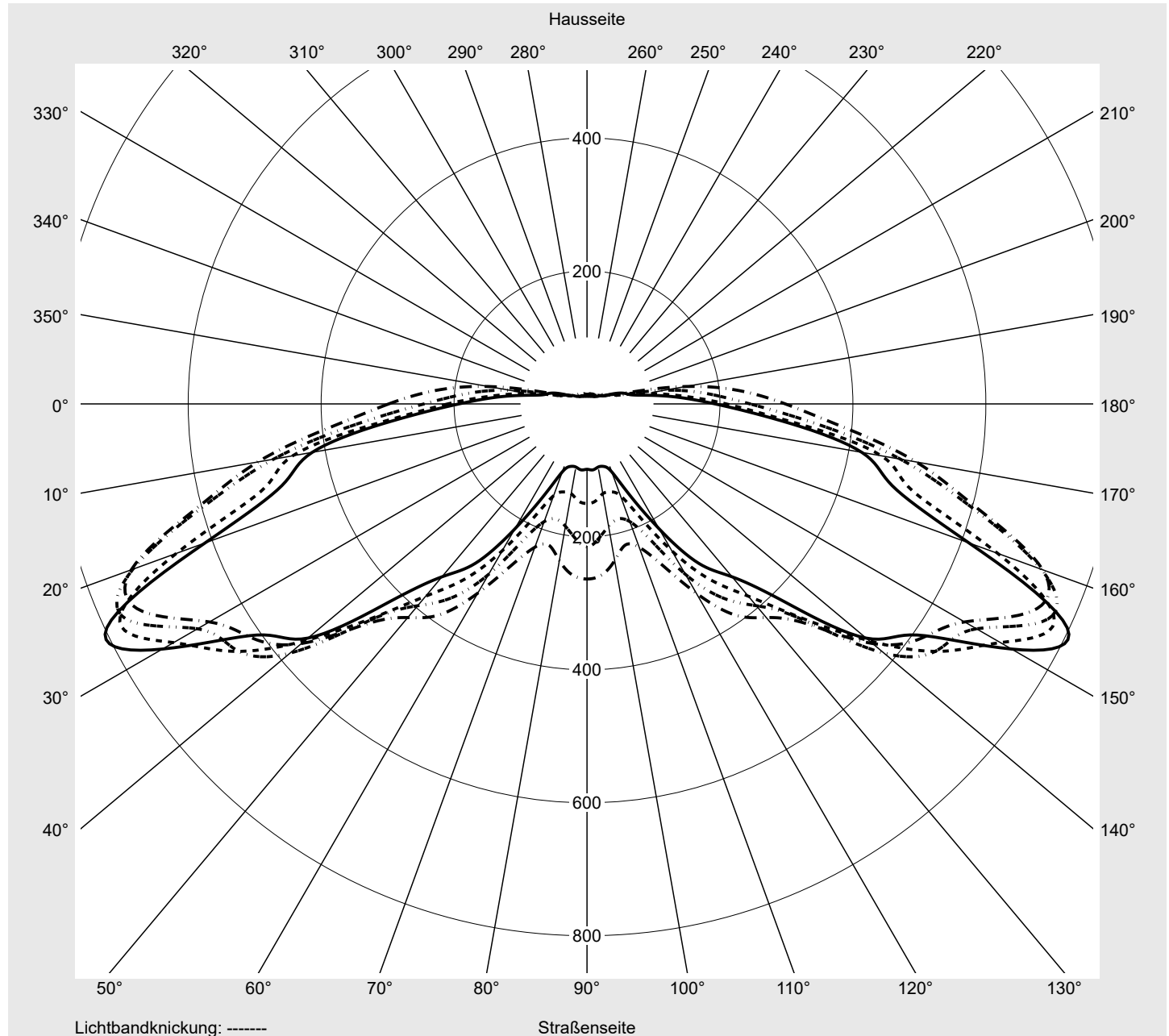
KMK 67.5°

KMK 65°

KMK 62.5°

KMK 60°

siteco



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Familie LATERNE LED				Bestell-Nr.: 5XA5255EY14H000022 EAN: 4058352023983								LP-Nummer 57121_83	
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										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°	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.: 5XA5255EY14H000022 EAN: 4058352023983	LP-Nummer 57121_83
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.: 5XA5255EY14H000022 EAN: 4058352023983	LP-Nummer 57121_83 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.: 5XA5255EY14H000022 EAN: 4058352023983	LP-Nummer 57121_83
Dimmstufen-Tabelle Umgebungstemperatur: 25°C		

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