

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5245LF14H
EAN: 4058352834596

LP-Nummer
57125_32



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 1360 lm Systemleistung = 10.0 W Lichtausbeute = 136 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

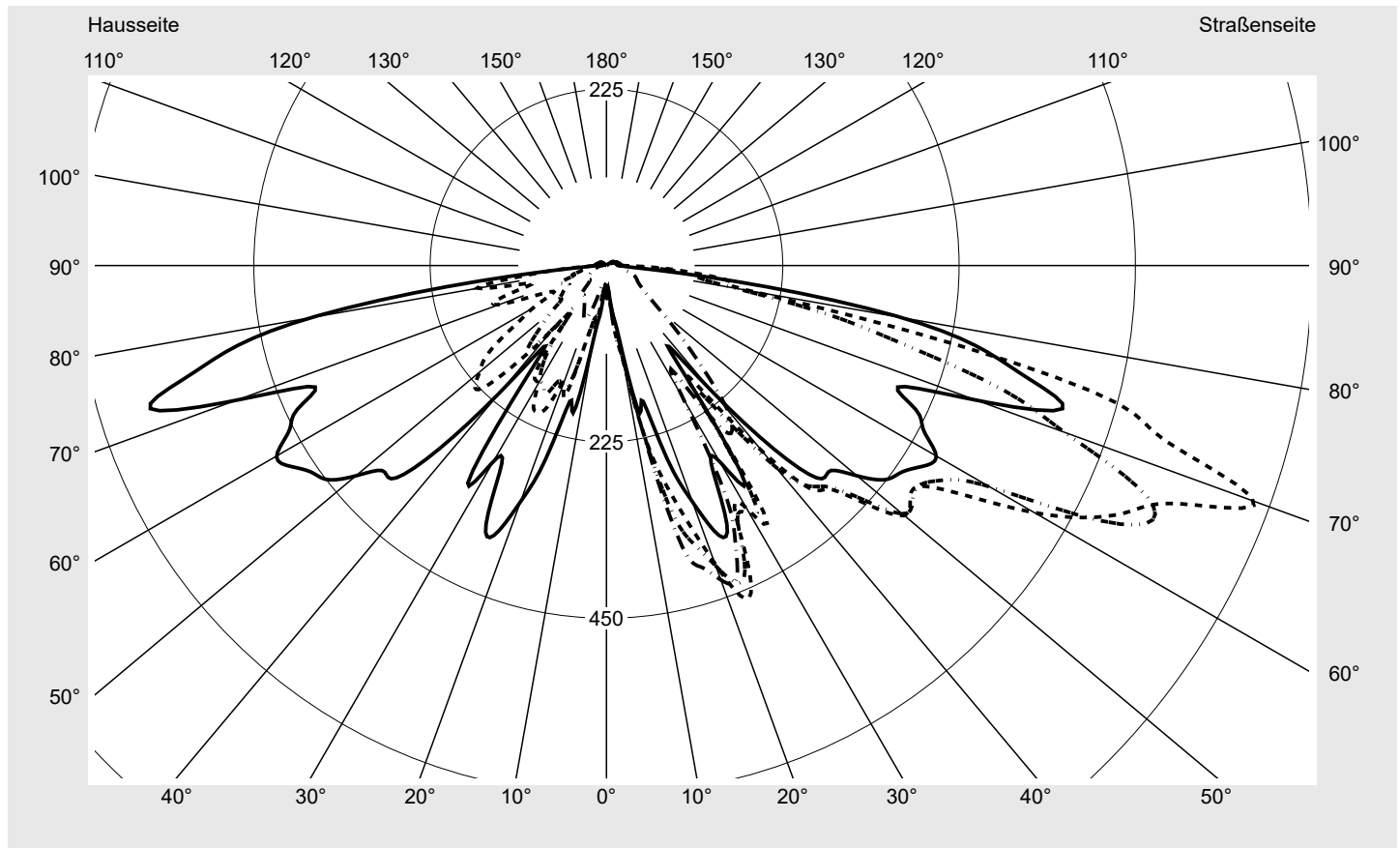
C180-0

C195-15

C200-20

C270-90

Imax: 880 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	95.8%
Eta 90° - 180°	4.2%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	880.4
Imax 80°	382.4
Imax 90°	17.9
Imax >90°	17.5
Imax >95°	17.5

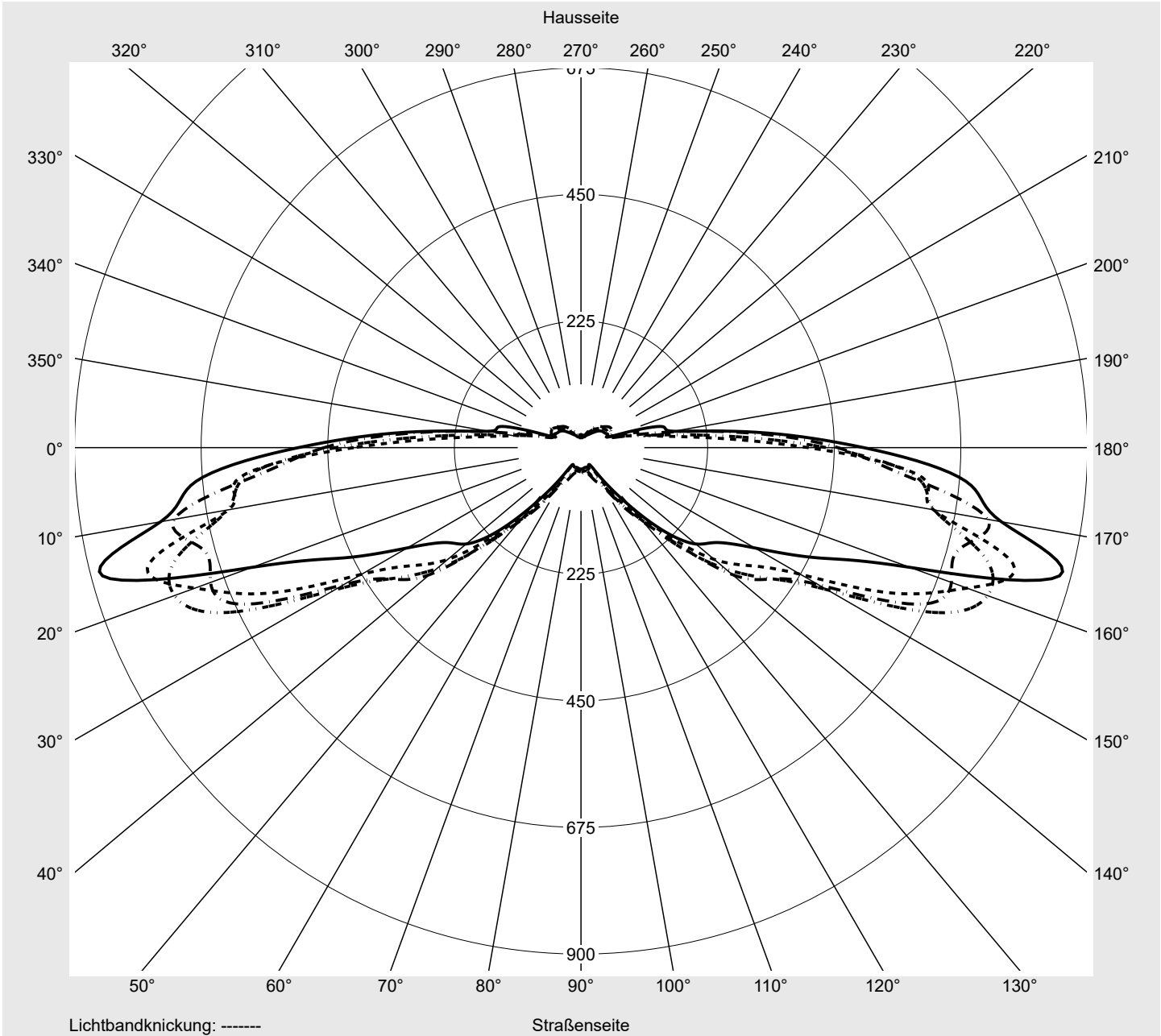
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 70°** **KMK 67,5°** **KMK 65°** **KMK 62,5°** **siteco**



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Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245LF14H EAN: 4058352834596	LP-Nummer 57125_32
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°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
2,5°	33.6	33.6	33.6	33.9	34.3	35.0	36.1	37.2	39.0	40.9	42.3	43.8	44.5
5,0°	33.9	34.7	34.7	35.0	36.1	37.9	39.4	40.1	40.9	41.6	41.6	41.2	41.2
7,5°	63.9	73.3	82.5	89.4	94.5	100.7	104.3	106.2	108.4	111.3	103.3	95.2	85.4
10,0°	98.1	102.5	109.1	125.5	120.8	125.5	130.3	135.7	141.9	145.9	157.3	160.5	160.9
12,5°	190.5	191.2	204.0	220.4	220.0	222.9	225.8	231.7	232.0	228.8	220.7	217.8	223.3
15,0°	178.4	218.9	253.9	285.7	329.1	325.8	341.1	307.6	314.9	333.8	323.3	313.0	292.6
17,5°	260.9	307.2	338.6	341.1	373.2	401.7	381.3	367.4	370.3	379.1	398.8	390.4	387.1
20,0°	320.7	332.8	365.6	404.6	407.9	421.8	432.7	435.6	409.0	413.4	441.1	410.8	399.2
22,5°	371.4	406.1	436.0	459.7	438.9	424.0	416.7	406.5	411.9	417.0	432.0	395.5	388.2
25,0°	363.4	383.8	412.7	432.4	416.7	399.5	375.4	355.7	342.2	356.1	385.3	351.0	346.3
27,5°	293.0	322.2	350.3	355.7	361.9	359.0	352.5	323.3	306.1	309.4	329.5	295.5	289.0
30,0°	288.6	314.1	341.5	357.6	366.3	365.6	364.1	340.8	310.1	306.1	308.7	280.9	240.8
32,5°	329.5	355.0	377.6	373.6	341.9	301.4	278.4	263.8	246.6	255.0	263.8	260.5	245.2
35,0°	204.7	187.9	200.7	197.0	201.4	201.8	205.4	211.3	215.6	223.3	236.8	222.9	214.2
37,5°	128.8	145.9	186.4	203.2	235.3	263.8	273.6	258.3	252.1	256.5	240.1	207.2	198.1
40,0°	210.2	256.9	293.7	310.1	334.6	340.0	326.2	314.1	296.6	283.1	255.0	220.0	197.4
42,5°	321.4	360.8	372.9	386.7	381.6	366.3	347.7	339.0	315.2	291.5	263.8	214.5	186.4
45,0°	384.6	400.6	400.6	403.5	399.2	393.7	366.0	351.7	339.0	304.3	263.4	208.7	174.0
47,5°	387.5	422.5	440.0	451.0	440.0	427.6	401.3	364.1	335.3	287.5	239.3	198.1	156.2
50,0°	417.4	456.8	485.6	496.2	492.9	471.8	430.5	376.9	331.3	265.6	206.1	174.4	138.6
52,5°	448.8	491.5	485.6	488.5	492.6	491.1	448.8	384.2	328.0	248.5	185.3	159.4	116.8
55,0°	459.7	501.7	515.5	490.7	488.2	492.2	451.7	386.4	321.1	241.5	178.1	144.1	105.4
57,5°	477.2	533.1	613.7	547.7	509.7	501.7	450.6	394.0	331.3	241.2	173.7	133.5	89.0
60,0°	486.0	576.5	706.0	630.5	564.1	563.3	459.4	402.8	339.3	246.3	186.4	130.6	89.4
62,5°	456.4	581.6	734.1	696.1	700.5	658.6	487.1	407.5	351.0	244.1	172.9	123.0	79.9
65,0°	436.0	598.4	637.4	740.3	768.8	693.2	505.3	404.6	334.9	251.0	168.2	117.5	69.3
67,5°	403.9	608.9	635.9	794.3	730.1	611.9	450.2	365.6	309.0	225.8	152.9	106.2	49.6
70,0°	502.4	686.7	758.5	880.4	622.1	463.4	356.5	294.1	266.3	211.6	135.7	78.1	42.3
72,5°	609.3	779.7	847.2	751.6	534.9	361.6	262.3	197.8	206.1	189.0	126.2	69.3	37.2
75,0°	557.9	573.6	727.2	671.0	400.2	251.0	175.5	145.2	134.6	116.8	83.6	54.4	29.6
77,5°	490.0	424.3	509.7	429.1	292.6	177.0	137.6	128.1	98.5	70.8	46.0	29.6	22.3
80,0°	382.4	309.8	214.5	185.3	166.7	120.4	103.6	79.2	51.8	37.9	33.9	24.4	20.1
82,5°	202.1	172.2	128.4	159.8	118.9	90.9	78.1	58.7	30.3	23.0	20.8	19.7	18.2
85,0°	57.3	53.6	82.8	115.3	96.0	62.0	48.5	38.3	24.4	20.1	18.2	17.5	17.1
87,5°	22.6	35.4	58.4	67.1	48.9	34.7	29.6	24.1	19.3	17.5	17.1	16.8	16.1
90,0°	15.0	15.7	16.8	17.5	17.9	17.9	17.9	17.5	17.5	17.1	16.8	16.1	15.3
92,5°	14.6	15.7	16.4	16.8	17.5	17.5	17.5	17.1	16.8	16.8	16.4	16.1	15.3
95,0°	13.9	15.0	16.1	16.4	16.8	16.8	17.1	16.8	16.8	16.4	16.1	15.7	15.3
97,5°	13.5	14.2	15.0	15.7	16.1	16.4	16.4	16.4	16.1	16.1	16.1	15.7	15.3
100,0°	12.8	13.5	14.2	14.6	15.0	15.3	15.7	15.7	15.3	15.3	15.0	15.0	14.6
102,5°	12.0	12.4	13.1	13.9	14.6	14.6	15.0	14.6	14.6	14.6	14.6	14.2	14.2
105,0°	11.3	12.0	12.8	13.1	13.5	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
107,5°	10.6	11.3	11.7	12.4	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
110,0°	9.9	10.6	11.3	11.7	12.0	12.4	12.8	12.8	12.4	12.4	12.4	12.4	12.4
112,5°	9.5	10.2	10.6	11.3	11.7	12.0	12.4	12.0	11.7	12.0	11.7	12.4	12.0

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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°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
2,5°	44.9	45.6	45.6	46.3	46.3	46.0	32.8	32.8	32.5	32.1	31.7	31.7	31.4
5,0°	41.6	40.9	40.1	40.9	42.3	43.1	33.2	32.8	32.8	32.8	32.5	31.7	31.4
7,5°	78.8	75.5	75.2	73.7	67.5	66.4	55.1	47.4	41.6	36.9	33.6	31.7	30.3
10,0°	147.8	125.9	123.7	131.0	127.7	114.6	86.8	86.8	77.7	73.3	75.2	68.6	59.8
12,5°	219.3	202.5	192.6	214.9	231.3	226.2	152.9	118.9	82.5	68.6	66.0	60.2	64.2
15,0°	290.4	261.6	278.8	329.5	367.4	368.5	136.8	108.7	98.9	105.1	114.9	132.1	125.5
17,5°	378.4	321.8	312.0	371.8	402.1	403.5	205.1	141.2	174.4	161.3	145.2	140.8	124.1
20,0°	393.3	336.4	325.1	391.5	424.7	426.9	223.3	177.3	158.3	170.8	149.2	133.9	131.3
22,5°	392.6	335.7	323.3	393.0	432.0	433.5	259.0	197.0	193.0	159.4	159.8	151.8	136.5
25,0°	355.0	304.3	300.3	357.2	387.5	388.9	243.4	181.7	206.1	180.2	152.5	156.5	139.0
27,5°	288.6	243.4	253.2	302.1	325.1	326.9	185.7	156.9	201.8	172.9	156.2	144.8	128.8
30,0°	228.0	187.5	194.1	205.4	198.8	194.8	163.5	135.7	175.5	168.9	140.8	131.3	115.7
32,5°	208.7	145.2	161.6	179.5	167.8	162.7	193.4	138.6	170.8	152.1	143.8	109.5	84.6
35,0°	180.2	137.6	186.4	239.7	247.7	248.8	118.9	129.5	136.1	119.3	119.3	71.1	46.7
37,5°	177.3	147.8	215.3	257.2	262.3	263.4	98.5	76.3	73.0	68.6	55.5	39.4	36.1
40,0°	189.7	169.3	222.2	244.1	240.4	240.1	157.3	96.3	110.2	100.7	77.7	52.9	54.7
42,5°	174.4	162.7	203.6	205.4	197.8	192.6	181.3	134.6	164.6	145.2	73.7	58.7	68.6
45,0°	154.7	151.8	176.2	165.6	154.7	150.3	216.7	152.9	218.6	133.2	63.9	62.8	72.6
47,5°	137.9	131.7	150.3	133.5	123.0	117.5	213.1	145.9	227.7	110.6	52.9	68.2	73.7
50,0°	129.2	117.1	123.7	106.9	96.3	90.5	235.0	152.9	211.3	91.6	54.0	67.9	71.5
52,5°	113.1	101.4	102.2	86.5	77.4	73.0	262.0	160.2	196.7	73.0	59.5	67.1	68.2
55,0°	102.2	87.9	84.6	72.6	64.2	61.3	266.7	162.4	167.1	72.2	64.2	66.4	65.3
57,5°	90.1	75.9	69.3	59.1	54.0	54.0	278.8	175.9	131.3	66.8	67.5	63.9	64.2
60,0°	76.3	61.7	56.2	49.3	48.5	48.9	343.3	155.8	108.0	62.0	65.7	63.9	63.1
62,5°	67.5	56.2	47.8	44.5	44.5	45.2	299.5	159.4	78.1	53.6	62.4	63.5	62.8
65,0°	51.8	51.1	43.4	42.0	42.3	43.1	243.7	128.1	79.9	59.1	58.0	60.6	59.8
67,5°	36.9	40.1	39.8	39.0	40.5	40.9	210.9	123.7	104.0	60.2	54.0	55.1	54.7
70,0°	33.2	36.1	36.1	36.1	37.6	37.9	313.0	167.5	145.6	62.8	52.2	50.7	48.5
72,5°	28.8	29.6	31.4	32.5	33.6	33.6	407.5	193.4	146.3	45.2	45.2	46.7	43.8
75,0°	24.8	26.6	27.7	28.5	28.8	28.5	414.1	178.1	108.7	44.5	40.9	41.2	39.4
77,5°	22.3	24.1	25.2	24.1	23.4	22.6	297.4	178.1	106.5	34.3	36.5	37.2	36.5
80,0°	20.4	21.5	21.5	21.2	21.2	20.4	147.0	188.6	166.7	31.7	33.2	34.3	33.6
82,5°	19.3	20.1	19.7	19.7	19.7	19.7	123.0	114.9	118.2	26.3	28.5	29.6	29.6
85,0°	17.5	18.6	18.6	18.2	18.6	19.0	87.9	46.0	64.2	28.5	25.5	27.0	25.9
87,5°	16.8	17.1	17.9	17.9	18.2	18.2	27.4	16.1	21.5	18.6	22.3	25.2	24.1
90,0°	16.1	16.8	17.1	17.5	17.5	17.5	13.5	13.1	12.8	12.0	11.3	10.9	10.6
92,5°	16.1	16.4	17.1	17.5	17.5	17.5	13.5	12.8	12.4	12.0	11.7	11.3	10.6
95,0°	16.1	16.4	16.8	17.1	17.5	17.5	13.1	12.8	12.4	11.7	11.3	11.3	10.2
97,5°	15.7	16.1	16.4	16.8	16.8	17.5	12.8	12.4	11.7	11.3	11.3	10.9	10.2
100,0°	15.0	15.3	15.3	15.7	16.4	16.8	11.7	11.7	10.9	10.9	10.9	10.2	10.2
102,5°	14.6	15.0	15.3	15.3	15.7	15.3	10.9	10.9	10.2	9.9	9.9	9.5	9.5
105,0°	13.9	14.6	14.6	14.6	15.0	14.6	10.6	10.2	9.5	9.5	9.5	9.1	8.8
107,5°	13.5	13.9	13.9	13.9	14.2	13.1	10.2	9.5	9.5	8.8	8.8	8.4	8.0
110,0°	13.1	13.1	13.1	13.5	13.9	13.1	9.5	8.8	8.8	8.0	8.0	8.0	8.0
112,5°	12.4	12.4	13.1	13.1	12.0	8.0	9.1	8.8	8.0	8.0	7.7	7.7	7.3

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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°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	0.1	0.1
2,5°	31.4	31.0	30.3	30.3	29.6	29.2	28.5	27.4	26.3	25.5	25.5	0.4	0.5
5,0°	30.6	30.3	30.6	30.3	29.9	29.2	28.8	28.5	27.7	27.4	27.0	0.8	1.3
7,5°	29.9	30.3	29.6	29.2	28.8	29.2	28.8	28.5	28.1	28.1	27.7	2.2	3.5
10,0°	44.9	33.9	30.6	29.6	28.8	28.1	27.7	27.0	26.6	26.3	25.5	4.3	7.8
12,5°	73.7	75.5	74.1	62.4	51.1	41.2	33.9	28.8	27.7	27.4	27.0	8.4	16.3
15,0°	116.0	90.9	88.7	99.6	84.3	58.0	54.0	41.2	37.6	39.0	36.5	14.0	30.2
17,5°	117.5	109.1	112.7	98.1	87.6	70.8	67.5	53.3	47.8	54.4	54.7	19.7	50.0
20,0°	110.2	108.7	101.8	97.8	87.2	77.0	71.1	58.7	54.7	64.6	68.6	24.2	74.2
22,5°	116.0	112.0	107.6	93.0	86.1	75.5	75.2	66.0	59.8	69.7	73.7	28.1	102.3
25,0°	123.0	104.0	86.8	79.9	75.9	77.0	75.2	65.7	56.9	63.1	67.9	28.7	131.0
27,5°	114.2	90.5	73.7	71.9	74.8	73.7	72.2	59.1	50.4	56.6	61.3	27.2	158.2
30,0°	93.4	74.4	67.9	70.1	74.1	71.9	66.8	55.1	47.1	50.7	56.2	26.8	185.0
32,5°	73.3	80.3	75.5	71.1	69.0	64.9	60.2	54.0	43.1	48.9	52.5	26.6	211.5
35,0°	52.5	67.1	73.3	70.4	69.7	66.0	61.7	53.6	42.7	45.6	49.6	22.7	234.3
37,5°	35.8	41.2	52.5	62.8	67.9	66.0	62.4	53.3	41.6	44.5	47.4	23.4	257.7
40,0°	47.1	37.2	32.8	37.2	51.4	58.4	58.4	52.5	42.0	46.0	50.4	29.2	286.8
42,5°	62.0	52.5	40.5	34.3	35.0	39.0	45.2	46.7	38.7	42.3	44.5	33.3	320.1
45,0°	70.4	65.3	58.4	51.1	43.1	35.4	33.6	33.2	31.4	32.5	33.6	35.9	356.0
47,5°	72.2	69.3	64.2	54.0	47.4	44.5	35.8	28.8	28.1	28.5	29.2	37.4	393.4
50,0°	71.9	70.8	67.1	59.5	47.1	39.0	35.0	30.3	28.5	27.4	27.7	39.3	432.7
52,5°	69.7	69.7	66.8	60.6	51.1	40.9	33.2	27.4	25.5	26.6	29.2	40.2	472.9
55,0°	65.3	64.9	62.8	57.3	50.0	41.2	33.9	28.5	25.5	24.4	26.3	40.9	513.8
57,5°	62.4	60.2	58.4	53.3	45.6	39.0	32.1	27.7	25.5	24.1	24.8	42.8	556.6
60,0°	59.5	56.6	54.4	49.3	41.6	35.0	27.7	24.4	24.8	24.1	24.1	46.0	602.5
62,5°	58.0	52.5	49.3	44.1	38.3	32.8	26.3	22.3	22.3	22.6	23.4	48.2	650.7
65,0°	55.5	49.6	43.8	39.8	33.9	29.9	24.4	20.8	20.8	21.2	21.2	48.4	699.2
67,5°	51.4	46.7	41.2	35.4	30.6	26.6	22.6	20.1	19.7	19.7	19.7	46.8	745.9
70,0°	46.0	41.6	35.8	31.0	27.0	24.4	21.5	19.7	19.3	17.5	19.0	47.4	793.4
72,5°	40.5	38.3	32.5	28.1	24.4	21.5	19.0	18.2	17.9	17.1	16.8	46.0	839.4
75,0°	36.1	33.2	29.2	25.2	22.3	19.3	16.4	16.8	16.4	15.3	15.3	38.1	877.5
77,5°	33.9	31.0	27.4	24.1	20.8	17.1	15.0	14.2	14.2	13.5	13.1	29.2	906.7
80,0°	30.3	26.6	23.4	20.4	17.5	14.6	13.1	12.0	12.0	11.7	11.7	20.0	926.7
82,5°	26.6	23.4	19.7	18.2	16.1	13.5	11.7	11.3	10.6	10.2	10.2	14.1	940.8
85,0°	22.6	18.6	15.7	13.9	13.5	11.7	9.9	9.9	9.5	8.4	8.8	9.1	949.9
87,5°	19.7	15.7	13.1	11.7	10.6	9.5	8.4	8.4	8.0	7.3	7.3	5.9	955.8
90,0°	9.9	9.1	8.4	8.0	7.3	6.6	5.8	5.8	5.8	5.8	5.1	3.6	959.3
92,5°	9.9	9.5	8.8	8.0	7.3	6.6	6.6	6.2	5.8	5.8	5.8	3.6	962.9
95,0°	9.9	9.5	8.8	8.4	7.7	7.3	6.6	6.6	6.6	5.8	5.8	3.5	966.4
97,5°	9.5	9.5	8.8	8.4	7.7	7.3	6.6	6.6	6.6	6.6	6.6	3.4	969.9
100,0°	9.5	8.8	8.8	8.0	7.7	7.3	6.6	6.6	6.2	6.2	6.6	3.3	973.1
102,5°	8.8	8.4	8.0	7.3	7.3	6.6	6.2	5.8	5.8	5.5	5.8	3.0	976.2
105,0°	8.4	8.0	7.3	7.3	6.6	6.2	5.8	5.5	5.1	5.1	5.1	2.9	979.0
107,5°	8.0	7.3	6.9	6.6	5.8	5.8	5.1	5.1	4.7	4.4	4.4	2.6	981.7
110,0°	7.3	6.9	6.6	5.8	5.5	5.1	4.7	4.4	4.4	4.0	3.6	2.5	984.1
112,5°	6.9	6.6	5.8	5.8	5.1	5.1	4.4	4.4	4.0	3.6	2.9	2.3	986.4

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245LF14H EAN: 4058352834596	LP-Nummer 57125_32
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°	9.5	9.9	10.6	10.9	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
117,5°	9.1	9.5	9.9	10.2	10.6	11.3	11.3	10.9	10.9	10.9	10.9	11.7	11.7
120,0°	8.4	9.1	9.5	9.9	10.2	10.6	10.6	10.2	10.2	10.2	10.6	10.9	10.9
122,5°	8.4	9.1	9.1	9.5	9.9	9.9	10.2	10.2	9.9	10.2	10.2	10.6	10.6
125,0°	7.3	7.3	8.0	8.0	8.0	8.8	8.4	8.4	8.4	8.8	8.8	8.8	8.8
127,5°	5.1	5.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.6
130,0°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
132,5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.4
135,0°	3.3	3.3	3.6	3.6	3.6	3.6	3.6	3.3	3.6	3.3	3.6	3.6	3.6
137,5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
140,0°	2.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
142,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	1.5	1.1	1.1	1.1	1.5
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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 CLASSIC LED	Bestell-Nr.: 5XA5245LF14H EAN: 4058352834596	LP-Nummer 57125_32
		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°	11.7	12.4	12.4	12.4	10.2	5.1	8.8	8.4	8.0	7.7	7.7	7.3	7.3
117,5°	11.7	11.7	12.0	12.0	9.1	5.1	8.8	8.0	7.7	7.3	7.3	7.3	6.6
120,0°	10.9	11.3	11.7	11.7	8.0	3.6	8.4	7.7	7.3	6.6	6.9	6.6	6.6
122,5°	10.9	10.9	10.9	10.9	6.9	2.9	8.0	7.7	6.9	6.6	6.6	6.6	6.6
125,0°	8.8	9.5	9.5	8.8	5.8	2.9	6.6	6.6	5.8	5.8	5.8	5.5	5.1
127,5°	6.6	6.6	6.6	5.8	3.6	2.2	5.1	5.1	4.4	4.4	4.4	4.4	4.0
130,0°	4.4	4.4	4.4	4.4	2.9	2.2	4.4	4.0	3.6	3.6	3.6	3.6	3.6
132,5°	4.0	4.4	4.4	3.6	2.6	2.2	3.6	3.6	3.6	3.6	2.9	2.9	2.9
135,0°	3.6	3.6	3.6	2.9	2.2	1.5	2.9	2.9	2.9	2.9	2.9	2.9	2.6
137,5°	2.9	2.9	2.9	2.2	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
140,0°	2.2	2.2	2.2	1.5	1.5	0.7	1.8	1.8	1.5	1.8	1.5	1.5	1.5
142,5°	0.7	1.5	1.5	1.1	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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°	6.6	6.6	5.8	5.8	5.1	5.1	4.4	4.4	4.0	3.3	2.2	2.2	988.6
117,5°	6.6	6.2	5.8	5.5	5.1	4.7	4.4	4.4	3.6	2.9	2.2	2.0	990.6
120,0°	5.8	5.8	5.8	5.1	5.1	4.4	4.4	3.6	3.6	2.9	2.2	1.9	992.5
122,5°	5.8	5.8	5.1	5.1	5.1	4.4	4.4	3.6	3.6	2.6	2.2	1.8	994.3
125,0°	5.1	5.1	4.4	4.4	4.4	3.6	3.6	3.6	2.9	2.2	2.2	1.5	995.7
127,5°	3.6	3.6	3.6	3.6	3.3	2.9	2.9	2.9	2.2	2.2	1.5	1.0	996.8
130,0°	2.9	3.3	2.9	2.9	2.9	2.9	2.9	2.2	2.2	1.8	1.5	0.8	997.5
132,5°	2.9	2.9	2.9	2.9	2.9	2.9	2.6	2.2	2.2	1.5	1.5	0.7	998.2
135,0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.5	1.5	0.6	998.8
137,5°	2.2	2.2	2.2	2.2	2.2	1.8	1.5	1.5	1.5	1.5	1.5	0.4	999.2
140,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.7	0.7	0.3	999.5
142,5°	1.5	1.5	1.5	1.5	1.1	1.1	1.1	0.7	0.7	0.7	0.7	0.2	999.7
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.1	999.8
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	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 CLASSIC LED	Bestell-Nr.: 5XA5245LF14H EAN: 4058352834596	LP-Nummer 57125_32
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	siteco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1360	10.0	10.4	10.2
95	241	252	1290	9.5	9.9	9.7
90	229	250	1226	9.0	9.3	9.2
85	216	248	1157	8.5	8.8	8.6
80	203	246	1087	8.0	8.3	8.2
75	190	243	1017	7.6	7.7	7.6
70	178	241	953	7.1	7.3	7.2
65	165	238	883	6.6	6.8	6.7
60	152	235	814	6.1	6.4	6.2
55	140	232	750	5.7	5.9	5.8
50	127	229	680	5.3	5.5	5.4
45	114	225	610	4.8	5.0	4.9
40	102	221	546	4.4	4.6	4.5
35	89	216	477	4.0	4.1	4.0
30	76	210	407	3.6	3.7	3.6
30	75	209	402	3.5	3.7	3.6