

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5243BB14H
EAN: 4058352436394

LP-Nummer
57125_11



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2200 K | CRI ≥ 70
Betriebsgerät EVG Plus
Bemessungswerte Nettolichtstrom = 1360 lm
 Systemleistung = 15.0 W
 Lichtausbeute = 90.7 lm/W

Seriendokumentation
25.09.2020

siteco

Lichtstärke in cd/klm

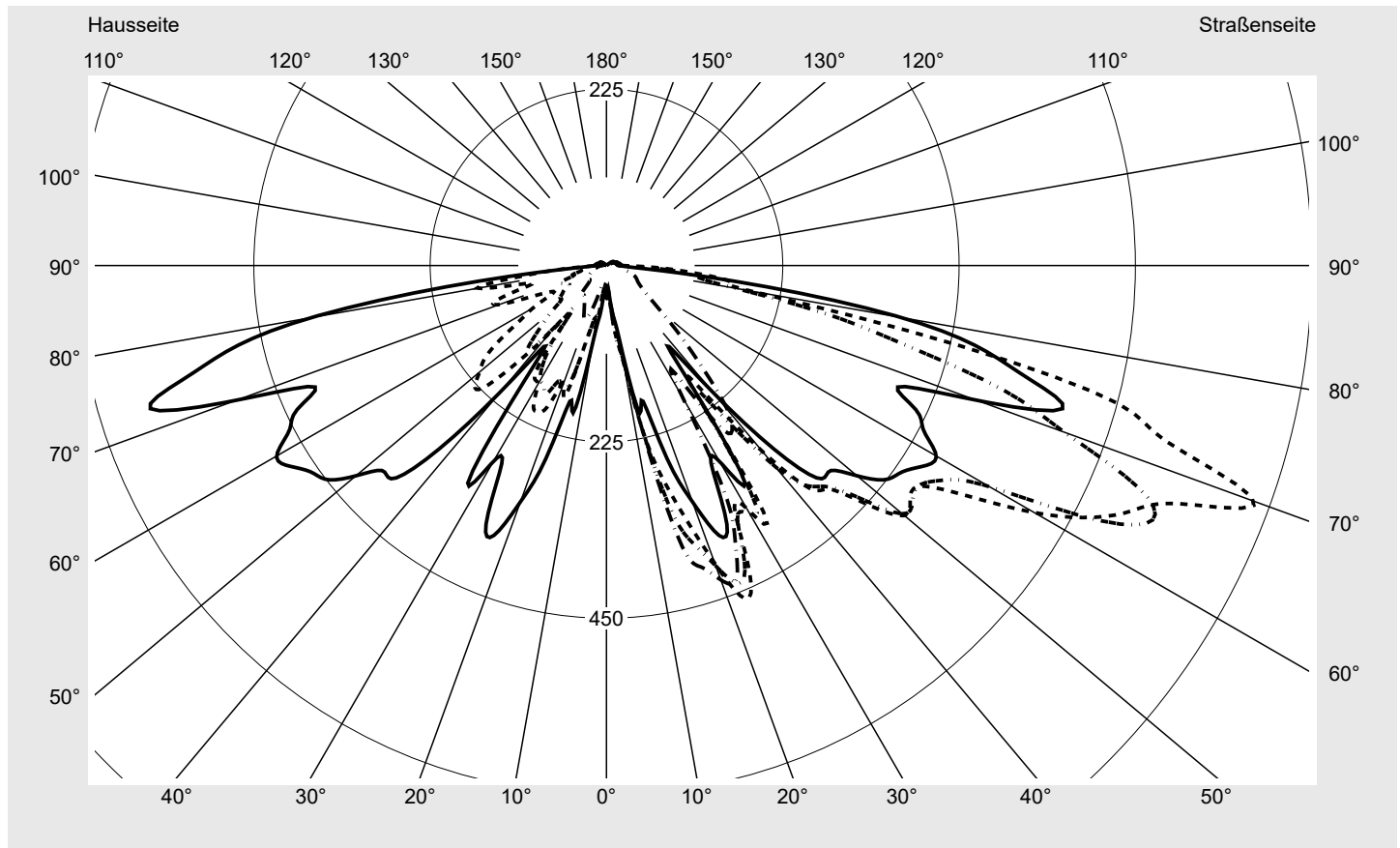
C180-0

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

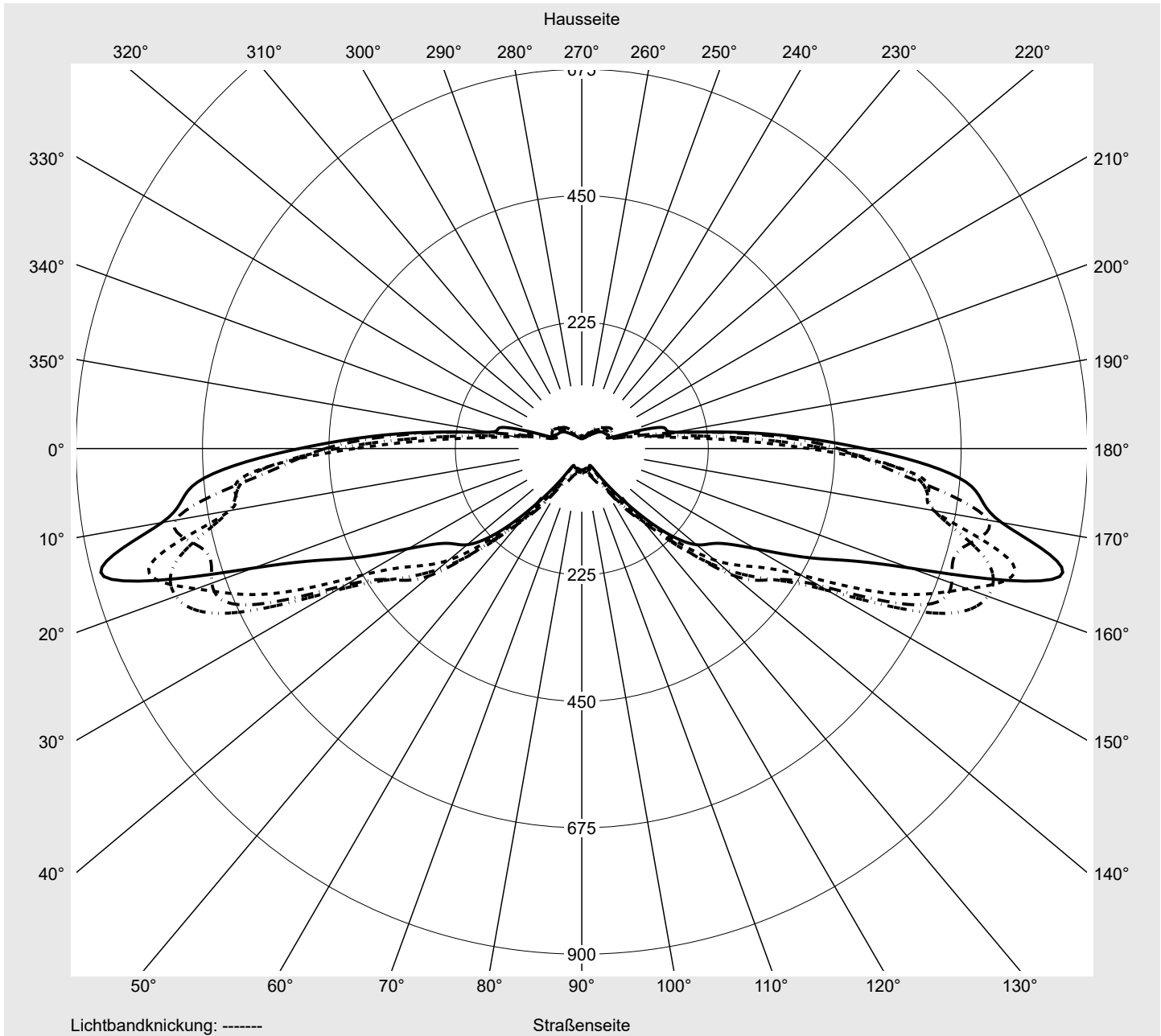
Messbedingungen

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.: 5XA5243BB14H EAN: 4058352436394	LP-Nummer 57125_11
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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		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.: 5XA5243BB14H EAN: 4058352436394	LP-Nummer 57125_11
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.: 5XA5243BB14H EAN: 4058352436394	LP-Nummer 57125_11
		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.: 5XA5243BB14H EAN: 4058352436394	LP-Nummer 57125_11
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	siteco
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	1360	15.0	15.5	15.2
95	241	1290	14.0	14.6	14.3
90	229	1226	13.3	13.8	13.6
85	216	1157	12.4	12.9	12.6
80	203	1087	11.6	12.1	11.8
75	190	1017	10.8	11.3	11.0
70	178	953	10.1	10.5	10.3
65	165	883	9.4	9.7	9.6
60	152	814	8.7	9.0	8.8
55	140	750	8.1	8.3	8.2
50	127	680	7.3	7.6	7.4
45	114	610	6.7	7.0	6.8
40	102	546	6.1	6.3	6.2
35	89	477	5.5	5.7	5.6
30	76	407	4.9	5.0	5.0
25	63	337	4.3	4.4	4.4
20	51	273	3.6	3.8	3.7
15	38	203	2.8	2.9	2.8
13	33	177	2.6	2.7	2.7