

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5245EV14H000022
EAN: 4058352023907

LP-Nummer
57124_66

Seriendokumentation
11.10.2023

siteco



Ausführung Mastaufsatz- oder Montage am Wandausleger, Smart Interface oben
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI $\geq$ 70
Betriebsgerät EVG SITECO iQ - Smart Interface
Bemessungswerte Nettolichtstrom = 1370 lm
Systemleistung = 10.7 W
Lichtausbeute = 128 lm/W

Lichtstärke in cd/klm

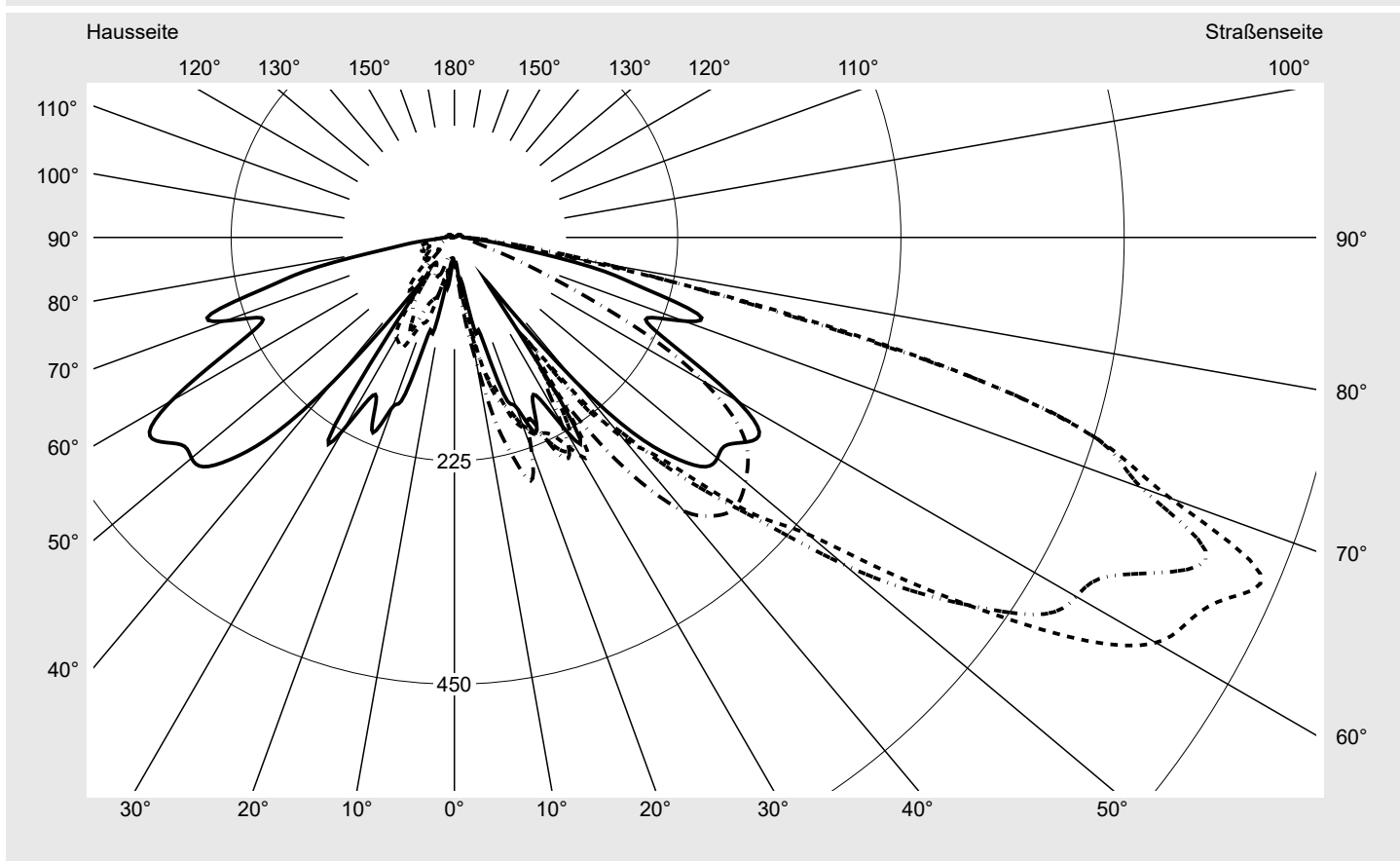
C180-0

C205-25

C210-30

C270-90

Imax: 877 cd/klm



Leuchtenbetriebswirkungsgrade

Eta 100.0%
Eta 0° - 90° 97.4%
Eta 90° - 180° 2.6%

Lichtstärkeklasse nach EN13201-2

Klasse: G1
Imax 70° 767.4
Imax 80° 154.8
Imax 90° 11.0
Imax >90° 10.7
Imax >95° 10.0

Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm

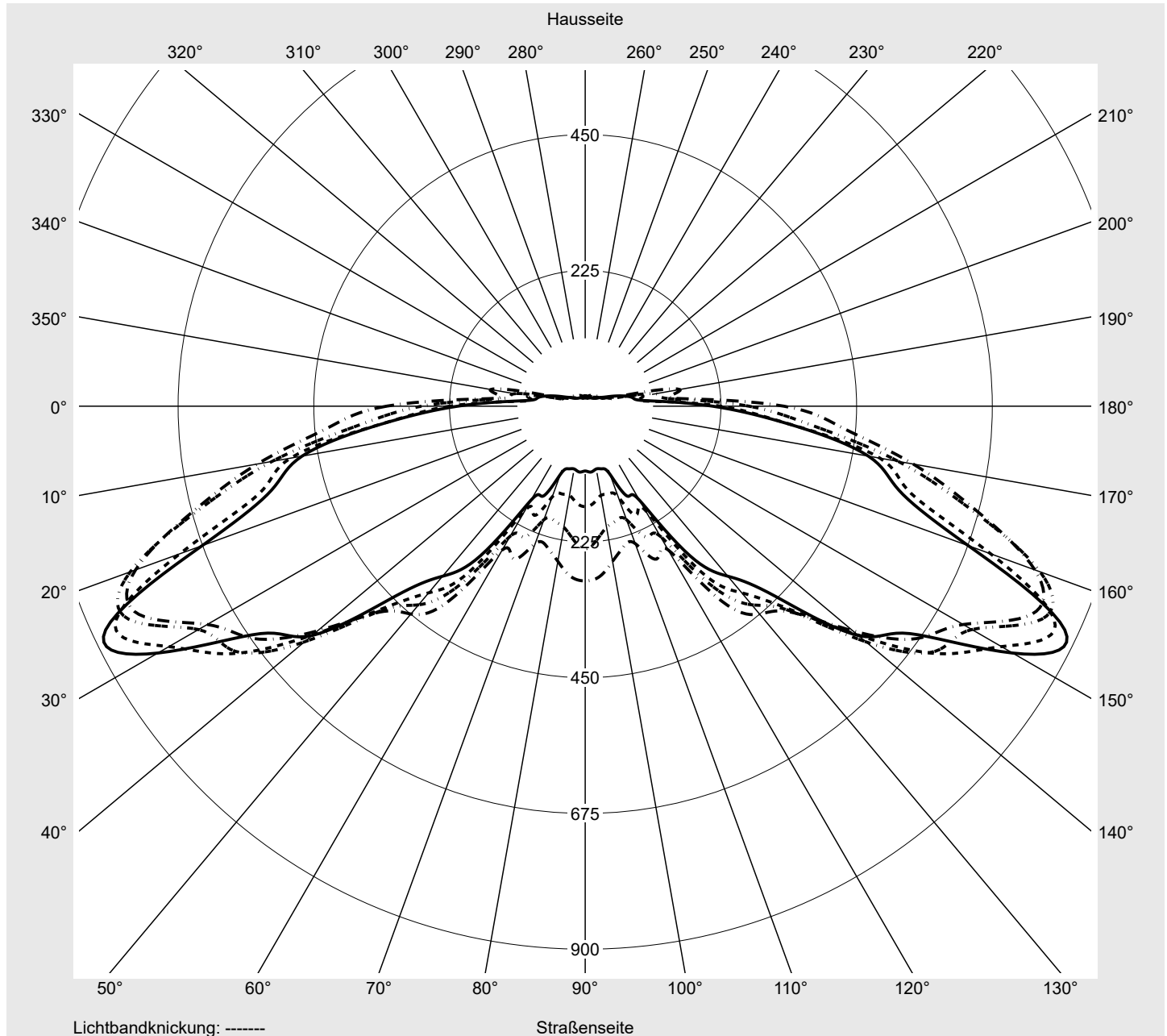
KMK 67,5°

KMK 65°

KMK 62,5°

KMK 60°

siteco



Lichttechnischer Prüfbefund

Familie				Bestell-Nr.: 5XA5245EV14H000022								LP-Nummer 57124_66	
LATERNE CLASSIC LED				EAN: 4058352023907									
Wertetabelle Lichtstärkemessung													
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°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
2,5°	25.6	25.6	26.0	26.3	26.7	27.0	27.8	28.5	29.2	29.9	30.6	31.0	31.0
5,0°	30.6	32.4	33.8	35.6	36.6	37.0	38.4	39.5	40.2	41.3	40.9	40.9	41.3
7,5°	50.5	52.7	52.3	54.4	57.6	57.3	60.8	60.8	63.0	64.8	64.0	62.3	60.8
10,0°	49.5	59.1	68.7	79.0	80.8	86.1	98.2	105.7	113.1	114.9	111.4	97.8	91.8
12,5°	97.8	107.8	118.5	122.7	135.9	136.3	137.7	141.3	142.7	139.1	132.7	126.3	127.4
15,0°	100.0	143.7	148.7	175.8	170.4	155.5	169.0	180.7	191.1	198.5	177.9	169.4	161.5
17,5°	166.5	142.7	153.3	183.6	190.7	188.6	181.1	197.8	204.6	205.6	213.8	191.8	191.4
20,0°	181.5	198.5	214.9	222.7	250.8	204.6	201.7	189.3	197.1	194.3	209.6	190.4	189.6
22,5°	212.8	232.7	239.1	227.0	232.3	214.9	209.2	198.9	202.4	192.1	217.7	204.6	200.3
25,0°	188.9	181.8	180.0	186.1	200.3	217.4	228.1	224.5	241.6	214.5	233.8	227.7	214.9
27,5°	180.4	192.5	208.9	217.0	225.9	230.2	243.4	233.4	258.7	229.8	233.0	209.6	210.3
30,0°	223.4	233.8	261.9	264.4	256.5	253.7	236.2	215.3	258.0	243.7	258.3	218.5	198.2
32,5°	224.5	218.5	217.7	200.0	216.7	239.1	189.6	151.2	167.9	160.8	192.5	194.3	189.6
35,0°	72.2	68.0	69.0	76.5	93.9	138.0	122.4	119.9	169.4	154.4	207.8	206.4	218.1
37,5°	82.2	94.3	127.4	148.7	170.1	189.3	213.8	209.2	227.7	215.6	250.8	232.7	228.8
40,0°	187.1	196.8	224.2	241.9	247.3	263.3	248.0	238.4	262.2	285.7	290.0	262.6	282.9
42,5°	268.3	270.4	285.3	287.5	285.3	295.3	306.7	303.8	309.9	355.1	380.7	328.8	354.0
45,0°	313.8	311.7	341.9	343.0	345.1	349.7	365.4	366.5	408.5	405.6	449.7	377.9	385.3
47,5°	341.9	355.8	408.5	418.1	428.7	416.3	429.1	412.7	450.8	447.9	474.6	405.2	396.0
50,0°	345.8	375.0	479.3	467.5	508.8	465.0	513.1	482.1	470.4	460.4	499.5	424.8	393.2
52,5°	344.4	375.0	472.9	499.9	572.1	559.3	587.1	558.2	487.8	474.6	496.7	424.8	377.5
55,0°	359.4	401.3	481.7	555.8	655.4	659.6	651.1	603.4	510.6	479.6	491.4	435.1	344.1
57,5°	364.3	436.9	523.4	618.4	746.5	756.4	705.9	629.4	542.6	489.2	474.3	410.2	322.0
60,0°	329.5	431.6	552.2	672.8	793.4	816.5	723.7	671.4	579.2	482.8	449.7	394.2	275.0
62,5°	271.5	381.8	527.3	662.8	802.7	835.4	740.4	708.4	607.7	479.6	429.8	360.1	249.1
65,0°	224.9	339.8	496.3	559.7	715.5	860.0	797.0	715.1	589.9	473.9	403.8	335.5	198.9
67,5°	211.3	338.7	476.8	538.7	676.0	877.4	818.3	657.2	591.3	445.5	367.9	302.4	180.0
70,0°	246.2	365.4	479.3	532.3	625.1	767.4	736.5	627.6	520.9	404.9	328.0	273.2	131.6
72,5°	258.0	381.1	446.2	523.7	619.8	683.5	682.8	547.9	417.3	335.5	262.6	219.2	120.6
75,0°	197.8	327.0	402.8	435.8	514.5	533.3	530.5	388.9	269.0	227.7	218.1	194.6	89.3
77,5°	149.1	227.7	250.1	290.3	323.4	309.2	292.1	207.8	175.4	164.4	160.1	159.0	91.1
80,0°	76.5	91.8	106.0	145.5	134.5	127.0	154.8	138.8	114.9	82.9	69.7	82.5	36.6
82,5°	44.5	48.4	53.0	80.8	65.8	54.8	77.6	95.7	74.0	50.9	31.0	23.1	16.0
85,0°	18.9	21.0	21.7	24.2	19.2	25.6	39.8	46.6	28.5	22.4	14.6	13.5	12.1
87,5°	12.8	13.2	13.2	14.2	15.3	16.7	21.7	18.5	17.4	14.6	11.7	11.4	10.7
90,0°	8.5	9.3	10.0	10.7	11.0	11.0	11.0	11.0	11.0	10.3	10.3	9.6	9.3
92,5°	8.5	9.3	9.6	10.3	10.3	10.7	10.3	10.3	10.3	10.0	9.6	9.6	9.3
95,0°	8.5	9.3	9.3	10.0	10.0	10.3	10.3	10.0	10.0	10.0	9.6	9.6	9.3
97,5°	8.5	8.5	9.3	9.3	9.6	10.0	10.0	9.6	9.3	9.3	9.3	9.3	9.3
100,0°	7.8	8.5	8.5	8.9	8.9	9.3	9.3	9.3	9.3	9.3	8.9	8.9	8.5
102,5°	7.1	7.8	7.8	8.2	8.2	8.5	8.5	8.5	8.2	8.5	8.5	8.5	8.5
105,0°	6.8	7.1	7.5	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
107,5°	6.4	6.4	7.1	7.1	7.1	7.5	7.5	7.1	7.1	7.8	7.5	7.5	7.8
110,0°	5.7	6.4	6.4	6.4	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
112,5°	5.7	5.7	6.0	6.4	6.4	6.8	6.8	6.8	6.8	6.4	6.4	6.4	6.4

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Familie LATERNE CLASSIC LED						Bestell-Nr.: 5XA5245EV14H000022 EAN: 4058352023907						LP-Nummer 57124_66	
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°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
2,5°	31.3	31.3	31.7	31.7	31.3	31.3	25.3	25.3	24.9	24.5	24.5	24.2	24.2
5,0°	44.8	45.9	47.0	46.6	45.9	45.5	29.2	28.1	27.0	26.7	26.0	25.3	25.3
7,5°	59.4	61.2	67.6	74.4	82.5	85.4	45.2	40.2	35.6	31.7	28.8	26.7	24.9
10,0°	82.5	85.4	104.6	115.6	125.2	128.8	47.7	47.7	51.6	53.4	50.5	39.1	30.2
12,5°	127.4	134.8	154.4	169.0	181.8	188.6	73.3	79.3	69.7	52.7	43.1	30.2	34.2
15,0°	165.8	164.7	181.1	210.6	224.9	229.1	85.0	68.0	60.1	60.5	55.1	55.1	68.0
17,5°	195.7	195.0	207.8	239.4	253.3	256.9	139.1	80.4	103.9	89.7	84.7	64.4	75.4
20,0°	201.0	186.8	182.2	214.5	225.9	226.3	165.8	86.1	128.1	113.1	92.2	68.7	72.2
22,5°	211.7	188.2	169.4	187.9	196.0	197.1	187.1	103.9	144.1	119.9	103.5	81.1	65.8
25,0°	223.1	213.1	204.9	232.0	234.8	232.7	173.6	80.8	143.4	142.7	122.0	104.2	72.9
27,5°	232.0	219.5	211.7	243.0	251.2	249.8	142.7	59.8	132.7	119.5	120.6	89.3	65.8
30,0°	212.4	197.5	189.3	206.4	213.1	214.9	174.0	49.1	133.1	117.8	116.7	83.6	58.7
32,5°	188.9	183.2	185.0	190.7	181.1	172.9	173.3	70.8	154.4	120.3	103.9	71.5	44.1
35,0°	226.6	197.1	195.7	228.1	240.5	244.8	86.8	53.7	94.3	75.8	65.5	43.4	35.9
37,5°	243.0	237.0	249.1	295.0	310.6	314.5	73.6	52.7	53.0	49.5	43.1	33.1	27.0
40,0°	309.2	293.5	306.3	342.6	355.8	360.1	139.8	60.1	105.7	90.4	68.0	38.8	29.2
42,5°	378.9	335.5	336.6	371.1	377.9	380.7	176.1	104.2	145.9	114.9	67.6	38.8	35.9
45,0°	411.3	343.7	367.5	383.5	389.2	391.4	229.5	131.3	179.7	126.7	56.6	37.0	42.7
47,5°	414.9	355.8	373.6	385.0	389.2	390.7	193.9	137.7	183.9	108.9	44.5	37.7	45.5
50,0°	407.7	344.1	370.4	377.1	382.1	382.8	200.0	145.5	190.7	82.9	33.4	36.3	42.3
52,5°	373.2	325.6	354.0	363.3	371.8	372.9	195.3	145.9	184.7	62.3	34.9	36.3	38.4
55,0°	345.8	301.7	327.3	339.4	353.7	357.9	190.7	166.2	163.0	48.7	32.0	37.0	35.6
57,5°	312.4	274.0	292.8	307.4	324.8	330.9	182.5	150.5	115.6	43.8	29.9	33.8	32.0
60,0°	279.7	242.3	242.3	261.2	282.9	289.6	149.4	159.0	73.3	43.4	30.6	30.6	28.8
62,5°	239.4	200.3	196.8	203.9	222.4	236.2	141.3	119.2	54.1	38.4	31.3	28.5	25.6
65,0°	199.6	160.1	150.5	150.1	161.2	166.5	98.2	97.1	55.9	39.8	32.7	28.5	24.2
67,5°	164.4	120.3	107.5	105.7	109.6	107.5	103.5	80.1	65.5	48.4	35.6	28.8	23.1
70,0°	134.1	90.4	64.4	64.4	65.8	67.6	104.2	88.2	70.1	46.6	33.8	26.7	22.1
72,5°	102.8	71.5	44.5	39.5	38.4	39.8	124.5	88.6	61.6	40.2	35.6	26.7	21.3
75,0°	76.5	42.0	31.7	27.8	26.3	26.3	80.8	69.7	52.3	39.8	37.0	27.0	21.7
77,5°	57.6	27.8	23.1	21.0	19.9	19.9	71.5	51.9	40.9	37.4	31.3	25.6	21.0
80,0°	21.0	17.4	16.7	16.0	16.4	16.4	48.7	41.3	33.1	34.2	28.5	25.3	20.6
82,5°	14.2	13.2	13.2	12.8	13.5	13.5	31.0	28.8	24.2	24.5	23.1	19.9	16.7
85,0°	12.1	11.7	11.7	11.7	12.1	12.1	16.4	16.0	19.9	21.7	19.2	16.7	13.9
87,5°	10.7	10.7	10.7	10.7	11.4	11.4	12.5	11.7	13.2	14.2	12.1	11.7	11.0
90,0°	10.0	10.0	10.0	10.0	10.0	10.0	8.2	7.8	7.8	7.1	7.1	6.8	6.4
92,5°	9.3	10.0	10.0	10.0	10.0	10.0	7.8	7.8	7.8	7.1	7.1	7.1	6.8
95,0°	9.3	9.3	9.6	10.0	10.0	10.0	7.8	7.8	7.8	7.1	7.1	7.1	6.8
97,5°	9.3	9.3	9.3	9.3	9.6	10.0	7.8	7.8	7.5	7.1	7.1	7.1	6.8
100,0°	8.9	8.9	8.9	9.3	9.3	9.3	7.5	7.1	7.1	7.1	6.8	6.4	6.4
102,5°	8.5	8.5	8.5	8.5	8.9	8.5	7.1	6.4	6.4	6.4	6.4	6.4	5.7
105,0°	7.8	8.5	8.5	8.5	8.5	8.5	6.4	6.4	6.4	6.0	5.7	5.7	5.7
107,5°	7.8	7.8	7.8	7.8	7.8	7.1	6.0	5.7	5.7	5.7	5.0	5.0	5.0
110,0°	7.1	7.1	7.5	7.1	7.5	7.1	5.7	5.0	5.0	5.0	5.0	5.0	5.0
112,5°	6.8	7.1	7.1	7.1	6.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.3

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LATERNE CLASSIC LED				EAN: 4058352023907								57124_66	
Wertetabelle Lichtstärkemessung												siteco	
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°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	0.0	0.0
2,5°	23.8	23.1	22.4	22.4	21.7	21.7	21.7	21.3	21.3	21.0	21.3	0.3	0.4
5,0°	24.5	24.2	23.1	22.4	22.1	21.7	21.7	21.3	21.3	21.0	21.3	0.8	1.1
7,5°	24.2	23.5	22.4	21.7	21.7	21.3	21.3	21.3	21.0	21.0	20.6	1.6	2.7
10,0°	24.9	23.5	22.8	21.7	21.0	21.0	20.6	20.6	20.3	20.3	19.9	3.0	5.7
12,5°	39.8	39.8	31.0	24.9	22.1	21.3	20.3	19.9	19.6	19.6	19.2	5.2	11.0
15,0°	54.4	43.4	47.0	51.2	42.3	32.0	23.5	21.7	21.0	20.3	19.9	7.9	18.9
17,5°	64.4	53.4	45.2	41.6	37.7	35.6	39.5	34.2	29.2	23.8	20.6	10.7	29.6
20,0°	59.8	51.2	43.1	43.1	42.7	39.8	36.6	32.0	26.3	31.7	37.7	12.8	42.4
22,5°	56.2	43.1	40.2	39.1	39.5	38.1	38.4	37.0	31.7	36.3	41.3	14.7	57.2
25,0°	59.8	42.0	37.7	37.7	38.1	39.1	44.1	43.4	34.9	42.7	47.0	16.9	74.1
27,5°	51.6	43.4	39.8	39.8	39.8	41.3	42.7	40.2	35.9	38.4	40.6	18.7	92.8
30,0°	48.0	45.9	42.3	40.9	40.6	39.8	41.6	40.2	33.1	35.6	37.0	20.6	113.4
32,5°	48.0	51.6	51.2	49.5	45.5	41.3	39.1	36.3	30.6	31.7	33.4	19.5	132.8
35,0°	42.0	47.7	49.5	51.2	48.7	45.5	41.3	37.4	29.9	29.5	31.3	16.7	149.5
37,5°	28.8	38.1	44.1	49.1	48.7	45.9	43.1	39.5	31.0	29.9	32.7	21.5	171.0
40,0°	26.0	26.0	31.0	37.7	43.1	43.1	43.4	40.2	33.8	36.3	41.3	29.0	200.0
42,5°	34.5	28.1	24.9	24.2	29.2	34.2	37.7	37.0	35.6	38.8	41.3	36.3	236.3
45,0°	41.3	35.2	30.2	26.0	25.6	24.9	26.0	28.5	29.5	31.3	33.4	42.9	279.2
47,5°	41.6	35.2	31.3	28.8	27.8	24.2	22.8	22.4	21.7	23.1	24.2	48.0	327.2
50,0°	38.8	34.5	30.2	27.8	25.6	24.9	22.8	21.0	18.9	18.9	19.2	52.3	379.4
52,5°	35.6	32.0	29.2	26.7	25.3	22.8	21.3	20.3	19.2	19.6	20.6	55.4	434.8
55,0°	32.4	28.8	26.7	24.5	23.8	22.8	21.3	19.6	17.4	18.1	19.2	58.6	493.4
57,5°	29.2	26.3	23.8	22.4	22.1	21.3	20.3	18.5	17.1	17.4	17.8	61.1	554.5
60,0°	26.0	23.5	21.3	20.3	20.3	19.6	18.5	17.1	16.7	17.4	17.1	61.7	616.2
62,5°	23.1	21.0	19.6	18.9	18.5	18.1	17.1	15.3	15.7	16.0	16.4	59.9	676.0
65,0°	21.3	19.2	18.1	17.4	17.1	16.4	15.7	14.2	14.9	14.9	14.2	56.4	732.4
67,5°	20.3	18.5	17.4	16.7	16.0	14.9	14.2	13.5	13.9	13.5	13.5	54.1	786.5
70,0°	19.2	17.4	16.0	15.3	14.2	13.5	12.8	12.1	12.8	12.1	12.1	50.3	836.9
72,5°	18.5	16.0	14.6	13.9	12.8	12.1	11.4	11.0	11.0	10.7	10.7	46.1	883.0
75,0°	17.8	15.3	13.2	12.1	11.4	10.7	10.0	9.6	10.0	9.6	9.3	36.8	919.8
77,5°	17.1	14.2	11.7	11.0	10.3	9.6	8.9	8.5	8.5	8.5	8.5	24.9	944.7
80,0°	16.4	13.5	11.0	9.6	8.9	8.2	7.1	7.1	7.1	7.1	7.1	13.4	958.1
82,5°	14.6	11.7	9.6	8.2	7.5	6.8	6.0	5.7	5.7	5.0	5.0	7.9	966.0
85,0°	11.4	9.6	8.2	7.1	6.0	5.7	5.0	5.0	5.0	4.3	4.3	4.3	970.3
87,5°	9.3	7.8	6.8	6.0	5.3	5.0	4.3	4.3	4.3	3.6	3.6	3.0	973.3
90,0°	6.4	6.0	5.7	5.0	5.0	4.6	4.3	4.3	3.9	3.9	3.6	2.2	975.5
92,5°	6.4	6.4	6.0	5.7	5.3	5.3	5.0	5.0	4.3	4.3	4.3	2.2	977.7
95,0°	6.4	6.4	6.0	5.7	5.7	5.3	5.0	5.0	4.6	4.3	5.0	2.2	979.9
97,5°	6.4	6.0	6.4	6.0	5.7	5.3	5.0	5.0	4.3	4.3	4.3	2.1	982.0
100,0°	6.0	6.4	5.7	5.7	5.7	5.0	5.0	5.0	4.3	4.3	4.3	2.0	984.0
102,5°	5.7	5.7	5.7	5.0	5.0	5.0	4.3	4.3	4.3	3.9	4.3	1.9	985.9
105,0°	5.3	5.0	5.0	5.0	5.0	4.3	4.3	3.9	3.6	3.6	3.6	1.7	987.6
107,5°	5.0	5.0	4.3	4.3	4.3	3.9	3.6	3.6	2.8	2.8	2.8	1.6	989.1
110,0°	4.6	4.3	4.3	4.3	3.9	3.6	3.6	2.8	2.8	2.8	2.8	1.5	990.6
112,5°	4.3	4.3	4.3	3.9	3.6	3.6	3.2	2.8	2.8	2.8	2.1	1.3	991.9

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245EV14H000022 EAN: 4058352023907	LP-Nummer 57124_66
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°	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
117,5°	6.0	8.2	5.7	5.7	5.7	6.0	6.0	6.0	5.7	5.7	6.0	6.4	6.4
120,0°	5.0	5.0	5.0	5.0	5.3	5.7	5.3	5.3	5.3	5.3	5.7	5.7	5.7
122,5°	4.3	5.0	5.0	5.0	5.0	5.0	5.3	5.0	5.0	5.0	5.3	5.7	5.7
125,0°	4.6	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.6
127,5°	2.8	3.2	3.2	3.2	2.8	3.6	3.2	3.6	3.2	3.6	3.6	3.6	3.6
130,0°	2.5	2.8	2.5	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.5
132,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	2.1	2.1	2.1	2.1	2.1	2.1	1.8	1.8	2.1	2.1	1.8	2.1	2.1
137,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	1.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	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.: 5XA5245EV14H000022 EAN: 4058352023907	LP-Nummer 57124_66 s i T e c o
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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°	6.4	6.4	6.8	7.1	5.7	2.8	5.0	5.0	5.0	4.6	4.3	4.3	4.3
117,5°	6.4	6.4	6.4	6.4	5.0	2.8	5.0	5.0	4.3	4.3	4.3	4.3	4.3
120,0°	5.7	5.7	5.7	5.7	4.3	2.1	4.3	4.3	4.3	4.3	4.3	4.3	3.6
122,5°	5.7	5.7	5.7	5.7	3.6	1.4	4.3	4.3	4.3	3.9	3.6	3.6	3.6
125,0°	5.0	5.0	5.0	5.0	2.8	1.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
127,5°	3.6	3.6	3.6	3.6	2.1	1.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8
130,0°	2.5	2.5	2.1	2.1	1.4	1.4	2.5	2.1	2.8	2.1	2.1	2.1	2.1
132,5°	2.1	2.1	2.1	2.1	1.4	0.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	2.1	2.1	1.8	1.4	1.1	0.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
137,5°	1.4	1.4	1.4	1.4	0.7	0.7	1.8	1.8	1.8	1.4	1.8	1.8	2.1
140,0°	1.1	1.4	1.4	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.1	1.4	1.4	1.4	1.4	1.4
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
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	1.1
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°	4.3	4.3	4.3	3.9	3.6	3.6	3.2	2.8	2.8	2.5	2.1	1.3	993.2
117,5°	4.3	4.3	3.6	3.6	3.6	3.6	2.8	2.8	2.8	2.1	2.1	1.2	994.4
120,0°	3.6	3.6	3.6	3.6	3.6	2.8	2.8	2.8	2.1	2.1	2.1	1.0	995.4
122,5°	3.6	3.6	3.6	3.6	3.2	2.8	2.8	2.8	2.1	1.8	1.4	1.0	996.4
125,0°	3.6	2.8	2.8	2.8	2.8	2.8	2.5	2.1	2.1	1.8	1.4	0.8	997.2
127,5°	2.8	2.8	2.8	2.8	2.5	2.5	2.1	2.1	1.8	1.4	1.4	0.6	997.9
130,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	0.5	998.3
132,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	0.4	998.7
135,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	1.4	0.4	999.1
137,5°	1.8	1.8	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.3	999.4
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.4	0.7	0.2	999.6
142,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.1	1.1	0.7	0.7	0.2	999.8
145,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.7	0.7	0.7	0.7	0.1	999.9
147,5°	1.1	1.1	0.7	0.7	1.1	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.: 5XA5245EV14H000022 EAN: 4058352023907	LP-Nummer 57124_66
Dimmstufen-Tabelle Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1370	10.7	11.1	10.9
95	241	252	1300	10.1	10.4	10.2
90	229	250	1235	9.6	9.9	9.8
85	216	248	1165	9.0	9.3	9.2
80	203	246	1095	8.5	8.8	8.6
75	190	243	1025	7.9	8.2	8.0
70	178	241	960	7.5	7.7	7.6
65	165	238	890	6.9	7.2	7.0
60	152	235	820	6.6	6.7	6.6
55	140	232	755	6.1	6.3	6.2
50	127	229	685	5.6	5.8	5.7
45	114	225	615	5.2	5.3	5.2
40	102	221	550	4.7	4.8	4.8
35	89	216	480	4.2	4.4	4.3
30	76	210	410	3.8	3.9	3.8
25	63	203	340	3.3	3.4	3.4
20	51	195	275	2.7	2.8	2.8
17	42	188	227	2.2	2.3	2.2