

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5245MF14H
EAN: 4058352834633

LP-Nummer
57124_34



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 2700 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 1380 lm Systemleistung = 11.8 W Lichtausbeute = 117 lm/W

Seriendokumentation
04.11.2022

siteco

Lichtstärke in cd/klm

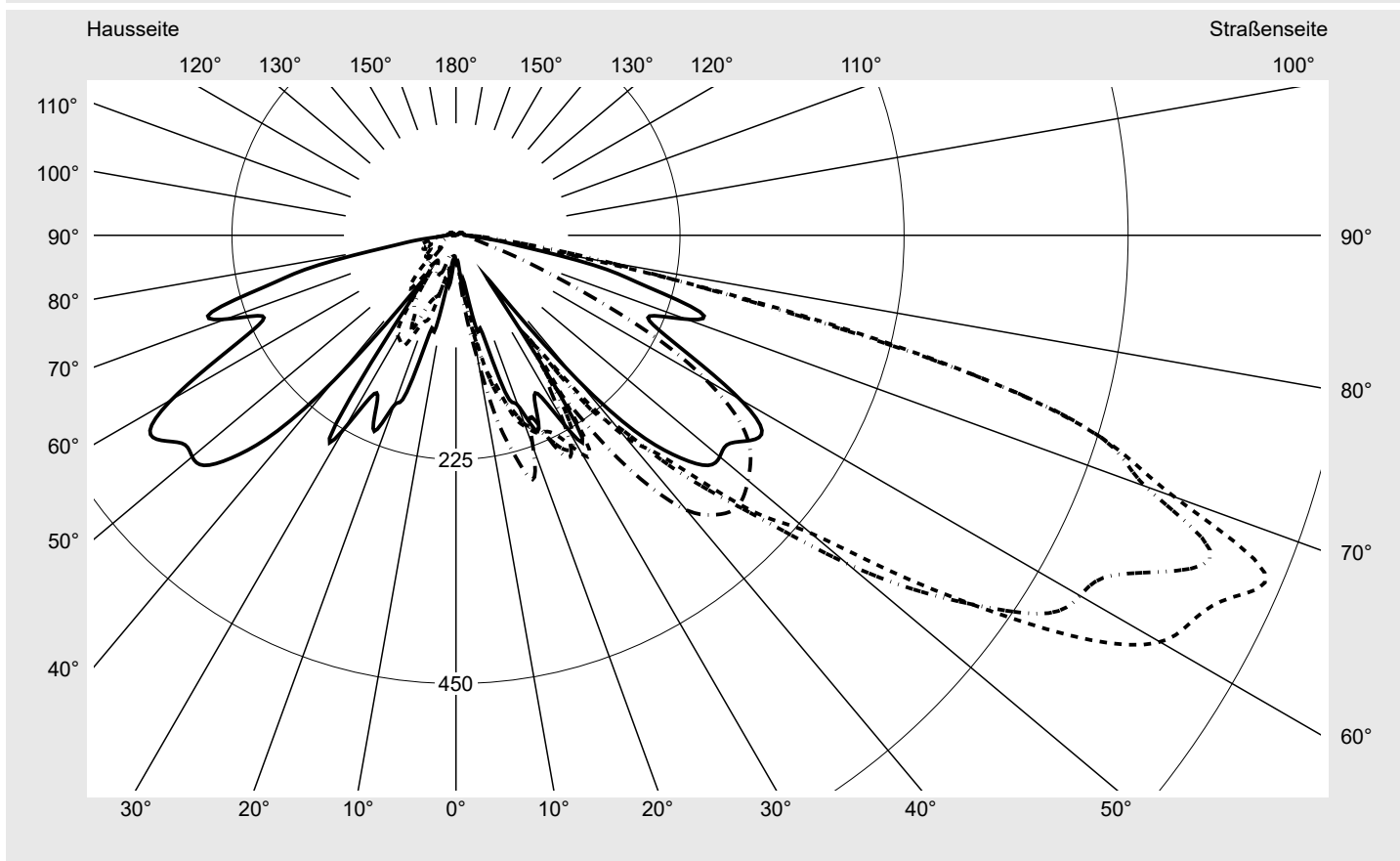
C180-0

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

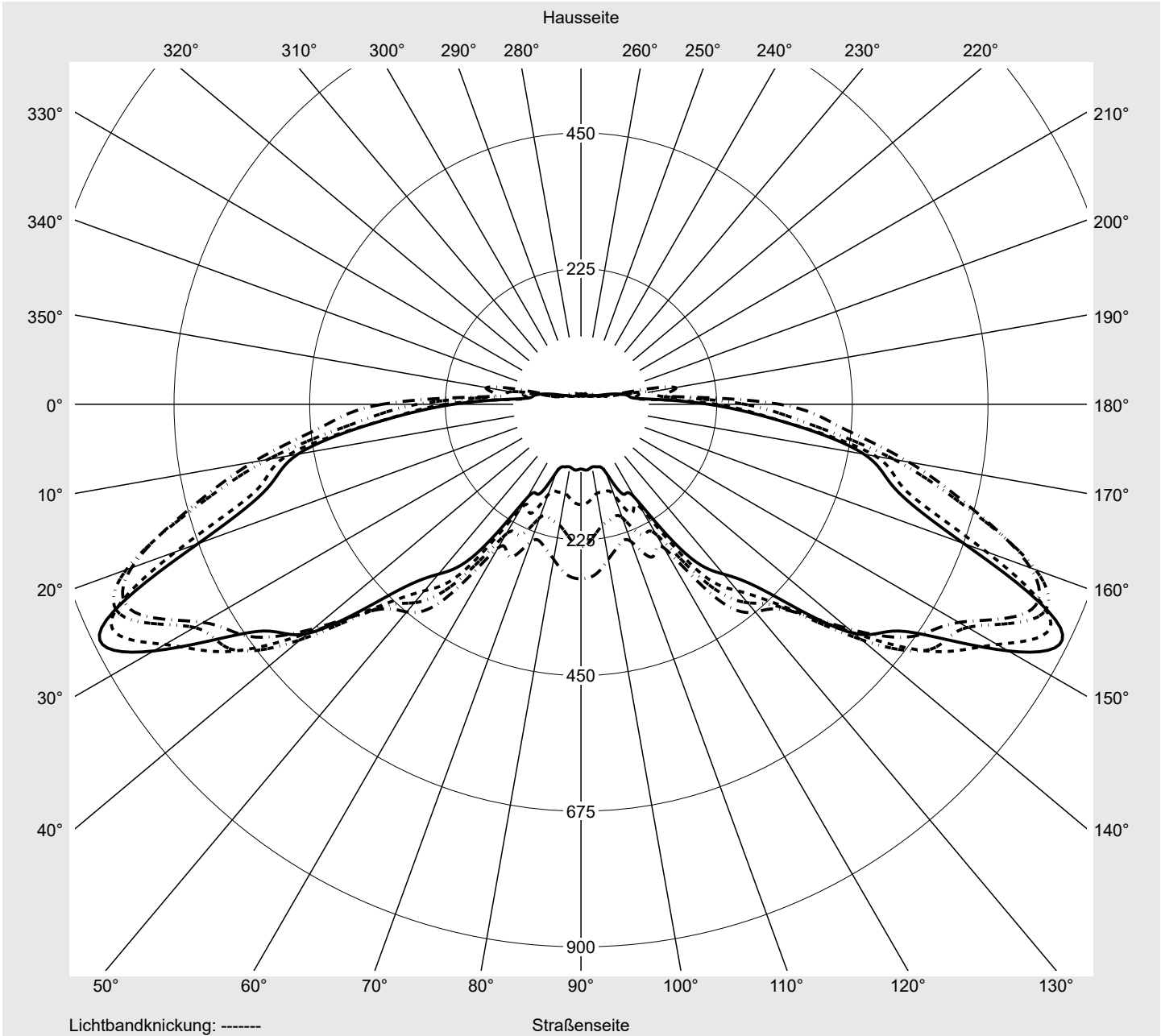
Messbedingungen

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**



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Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245MF14H EAN: 4058352834633	LP-Nummer 57124_34
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°	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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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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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°	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.: 5XA5245MF14H EAN: 4058352834633	LP-Nummer 57124_34
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.: 5XA5245MF14H EAN: 4058352834633	LP-Nummer 57124_34
		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°	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.: 5XA5245MF14H EAN: 4058352834633	LP-Nummer 57124_34
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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	1380	11.8	12.1	12.0
95	241	252	1309	11.1	11.4	11.2
90	229	250	1244	10.6	10.8	10.7
85	216	248	1174	9.9	10.2	10.0
80	203	246	1103	9.3	9.6	9.4
75	190	243	1032	8.7	9.0	8.8
70	178	241	967	8.2	8.4	8.3
65	165	238	896	7.6	7.7	7.6
60	152	235	826	7.0	7.2	7.1
55	140	232	761	6.5	6.6	6.6
50	127	229	690	6.0	6.1	6.0
45	114	225	619	5.4	5.6	5.5
40	102	221	554	5.0	5.1	5.0
35	89	216	484	4.5	4.6	4.6
30	76	210	413	4.0	4.0	4.0
26	65	204	353	3.6	3.7	3.6