

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5243BB14HP
EAN: 4058352436400

LP-Nummer
58717_7



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 = 2430 lm
 Systemleistung = 25.4 W
 Lichtausbeute = 95.7 lm/W

Seriendokumentation
25.09.2020

siteco

Lichtstärke in cd/klm

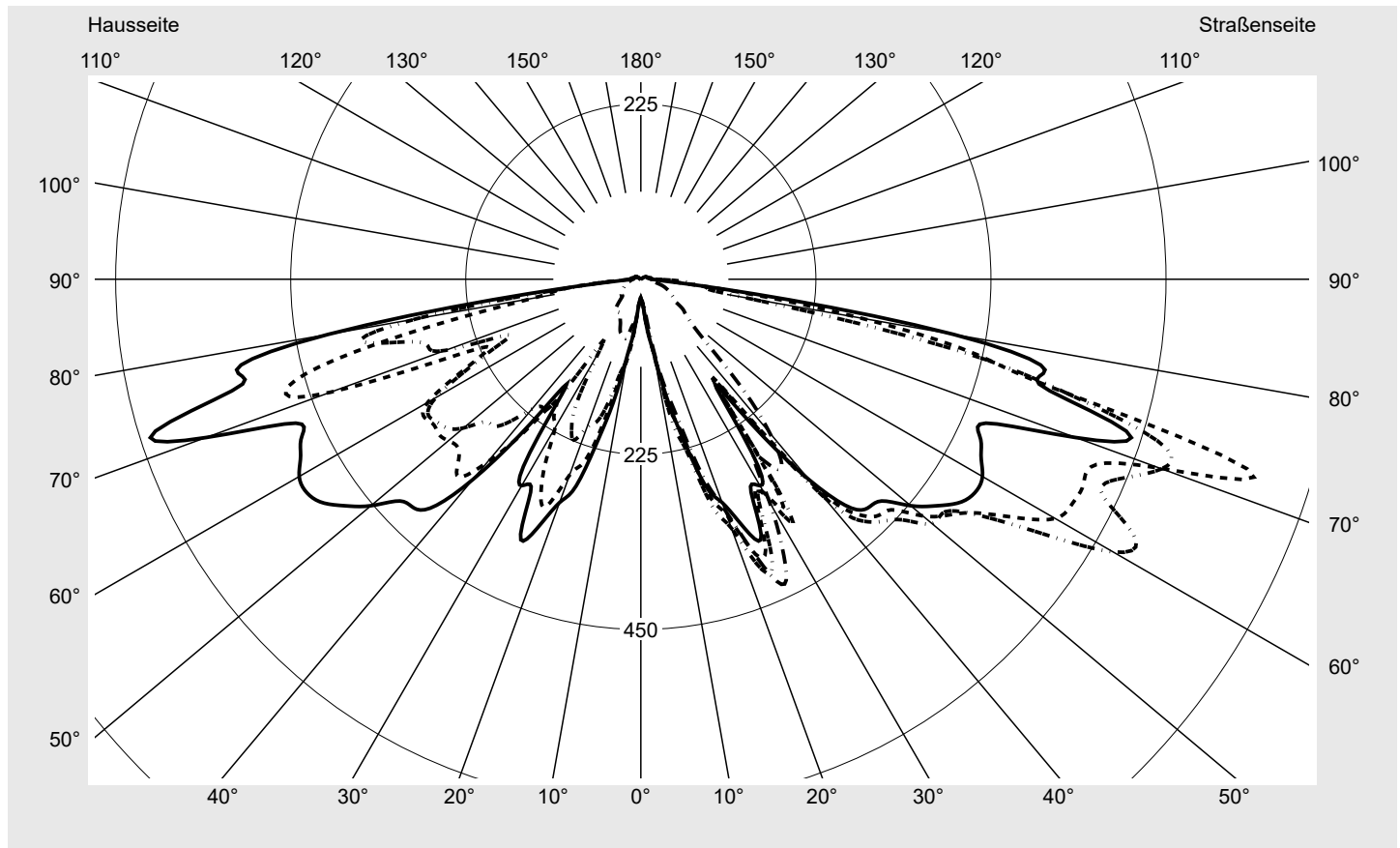
C180-0

C185-5

C190-10

C270-90

Imax: 822 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	96.4%
Eta 90° - 180°	3.6%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	741.1
Imax 80°	408.1
Imax 90°	15.6
Imax >90°	14.8
Imax >95°	13.2

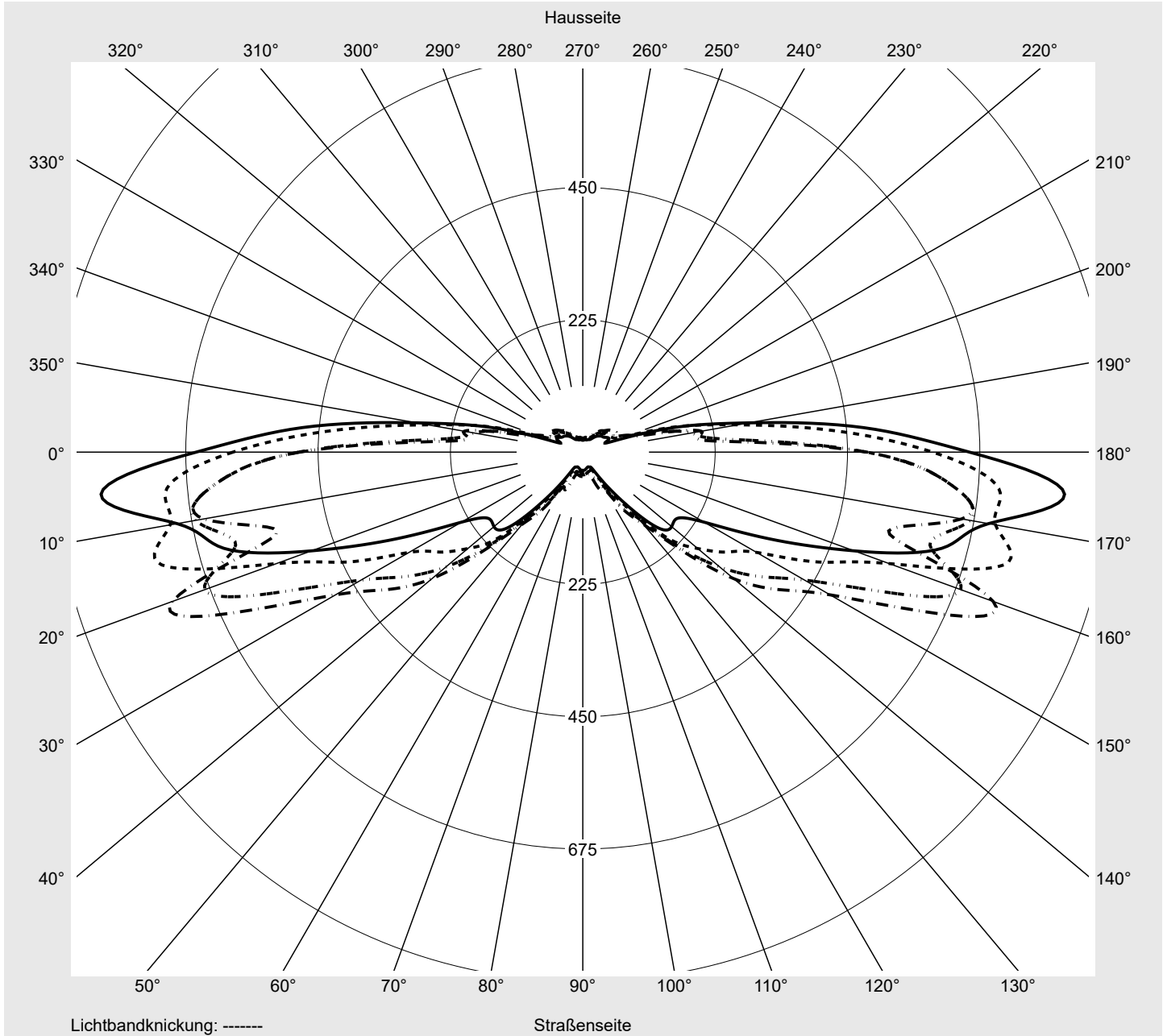
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 72,5°** **KMK 70°** **KMK 67,5°** **KMK 65°** **siteco**



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Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5243BB14HP EAN: 4058352436400	LP-Nummer 58717_7
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°	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
2,5°	30.7	30.5	31.6	30.7	31.6	30.5	31.2	30.5	31.2	30.5	31.4	30.8	31.8
5,0°	34.6	34.2	33.4	34.0	32.6	33.4	32.0	33.4	33.2	34.2	34.8	34.4	34.0
7,5°	69.0	62.7	71.8	56.2	63.1	53.4	61.5	56.2	63.7	57.9	60.7	52.8	56.0
10,0°	98.1	102.0	98.3	111.1	106.8	109.4	103.6	92.3	92.1	89.0	91.8	91.2	97.1
12,5°	159.4	170.7	188.8	172.6	169.5	136.8	143.0	154.6	164.7	163.5	166.7	134.3	133.5
15,0°	216.3	207.0	229.8	216.3	220.3	223.2	225.6	224.8	231.9	213.0	228.6	234.3	213.6
17,5°	280.4	290.1	306.7	304.3	293.6	268.1	278.2	261.2	278.2	282.2	303.5	285.3	270.7
20,0°	305.3	321.9	340.5	334.4	331.6	301.6	338.3	344.1	361.3	327.3	346.6	327.3	334.8
22,5°	344.7	380.6	402.0	395.1	360.3	319.5	358.9	361.1	364.2	356.9	373.5	356.1	351.2
25,0°	366.2	379.1	399.8	392.7	373.5	329.0	358.7	366.0	356.9	356.5	361.9	344.7	328.2
27,5°	305.9	320.3	333.8	346.4	351.6	308.3	349.8	347.2	345.5	346.8	341.9	322.9	295.4
30,0°	306.3	317.2	320.9	328.4	335.0	293.1	352.0	353.0	362.5	340.1	323.9	291.5	265.8
32,5°	270.3	335.8	358.5	340.1	308.1	245.8	277.2	291.7	296.4	285.9	289.1	280.4	268.1
35,0°	166.5	180.5	179.7	248.8	265.2	184.1	252.1	245.0	259.4	262.2	268.3	266.0	253.3
37,5°	238.5	193.4	208.4	188.6	227.8	251.3	313.2	319.4	296.4	266.6	228.8	216.3	209.6
40,0°	336.2	344.9	363.1	318.8	303.3	271.9	268.7	287.7	283.8	284.0	229.2	185.3	168.5
42,5°	398.1	408.7	421.4	398.4	371.4	280.8	282.2	251.3	233.7	227.8	219.9	192.2	168.5
45,0°	414.5	430.1	440.0	424.5	368.0	319.0	343.7	301.0	261.6	218.7	193.2	181.1	165.5
47,5°	421.8	438.6	458.0	448.9	328.2	369.0	389.5	335.2	289.9	231.0	180.7	164.9	137.8
50,0°	452.8	473.2	488.8	486.0	327.3	410.5	408.7	349.8	294.6	217.5	164.3	182.3	139.6
52,5°	478.3	497.9	491.6	481.7	366.4	453.8	429.3	367.6	303.5	217.3	160.2	151.9	115.1
55,0°	500.3	523.4	528.0	459.5	404.6	485.3	437.6	373.9	308.7	219.9	160.8	153.6	102.0
57,5°	509.6	569.7	605.1	454.0	452.8	502.9	429.3	379.7	313.4	214.5	163.7	140.2	91.0
60,0°	507.0	615.0	701.0	479.9	558.2	549.7	437.4	389.5	324.1	220.1	169.1	128.3	82.3
62,5°	493.0	625.1	715.2	519.7	687.7	628.0	480.1	404.6	332.2	231.0	167.7	123.2	77.9
65,0°	481.3	627.2	654.1	540.0	742.5	642.5	485.5	407.7	334.6	234.1	160.0	117.5	69.4
67,5°	483.3	627.8	668.8	611.0	684.0	561.2	435.2	369.2	303.7	224.0	147.1	109.5	53.2
70,0°	594.8	709.9	712.5	741.1	554.3	442.3	341.1	296.4	255.1	210.4	136.0	82.5	43.5
72,5°	657.3	822.2	700.4	632.0	491.0	348.2	238.3	196.4	197.1	183.1	121.0	66.4	33.6
75,0°	535.3	568.3	568.1	593.2	323.3	230.6	152.5	141.4	132.1	131.3	85.2	57.7	25.3
77,5°	531.5	436.8	402.8	388.0	234.1	167.5	126.9	122.0	94.7	70.6	42.9	30.8	19.6
80,0°	408.1	286.7	136.4	194.0	139.2	110.7	88.8	85.8	55.4	45.7	32.0	23.7	17.4
82,5°	157.6	131.7	86.6	120.8	100.3	75.3	70.0	57.7	28.3	22.3	19.4	18.2	15.4
85,0°	40.7	47.3	67.6	109.2	79.3	56.4	47.7	34.6	21.8	17.8	15.0	14.8	13.6
87,5°	21.0	31.2	49.6	65.5	45.3	33.6	24.1	22.5	16.2	15.0	14.0	13.4	12.3
90,0°	13.6	14.4	14.8	15.6	15.2	15.2	14.8	14.4	14.0	13.8	13.4	12.9	12.1
92,5°	13.4	14.0	14.4	14.8	14.6	14.6	14.2	14.0	13.4	13.4	13.1	12.9	12.3
95,0°	12.7	13.1	13.4	14.0	13.8	13.8	13.8	13.4	13.1	12.9	12.7	12.7	12.3
97,5°	11.9	12.3	12.5	12.9	12.9	13.2	13.1	13.1	12.7	12.5	12.3	11.9	11.9
100,0°	10.7	10.9	11.3	11.7	11.7	12.1	12.3	12.1	11.7	11.7	11.3	11.5	11.1
102,5°	9.7	10.1	10.3	10.7	10.9	11.3	11.3	11.3	10.9	10.9	10.9	10.7	10.5
105,0°	9.3	9.3	9.5	9.9	10.1	10.5	10.5	10.5	10.5	10.5	10.1	10.3	10.1
107,5°	8.5	8.7	9.1	9.3	9.7	10.1	10.1	10.1	9.7	9.7	9.7	9.7	9.9
110,0°	8.1	8.3	8.5	8.9	9.3	9.7	9.7	9.7	9.3	9.3	9.3	9.5	9.7
112,5°	8.1	7.9	8.5	8.5	8.9	9.3	9.3	9.3	9.1	9.1	9.3	9.3	9.3

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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°	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
2,5°	31.0	32.0	31.2	33.4	32.4	34.4	31.0	30.7	30.8	29.9	30.7	29.3	29.9
5,0°	36.0	37.2	37.6	36.6	36.8	35.2	35.8	35.8	38.2	36.8	39.9	37.8	40.1
7,5°	49.2	50.2	44.1	44.7	38.0	41.9	72.2	65.1	66.2	62.5	63.9	57.3	66.4
10,0°	82.3	82.7	77.7	84.8	80.1	89.4	108.2	106.0	90.8	92.5	95.5	88.8	97.7
12,5°	114.5	106.6	100.5	116.5	126.6	140.8	138.8	125.2	131.3	116.7	126.0	108.4	111.9
15,0°	185.3	157.6	142.4	173.8	176.8	189.8	201.7	167.3	171.6	155.6	138.4	138.8	133.1
17,5°	254.7	229.4	210.6	242.4	247.8	266.2	248.4	193.2	204.9	186.5	181.1	166.3	145.7
20,0°	321.5	265.4	240.1	259.4	283.8	315.2	267.9	202.3	216.7	197.3	176.6	162.3	154.2
22,5°	349.6	298.2	287.3	316.2	353.6	383.2	315.0	223.6	238.9	201.1	177.4	169.1	138.8
25,0°	339.7	317.0	324.5	351.2	416.6	433.1	303.7	210.4	247.2	211.8	153.1	135.1	113.1
27,5°	308.3	293.4	322.9	332.0	391.5	396.7	265.2	177.8	197.7	160.6	125.4	110.5	104.8
30,0°	267.7	263.2	292.5	276.6	335.2	331.0	220.5	107.2	147.7	130.9	123.4	128.3	137.2
32,5°	263.4	244.2	264.6	225.6	268.1	268.9	208.0	106.6	185.1	176.6	177.8	157.6	120.0
35,0°	246.0	211.0	248.4	238.9	284.9	294.2	192.6	193.8	212.6	183.7	167.5	139.6	83.1
37,5°	216.7	200.7	253.5	246.4	294.8	297.0	250.1	207.6	177.6	153.1	126.8	95.3	63.9
40,0°	193.2	188.8	244.4	223.4	263.8	257.5	306.7	218.3	198.7	178.0	128.9	88.8	72.8
42,5°	158.2	147.1	196.0	184.3	213.4	202.1	345.1	247.2	235.1	197.7	121.2	84.2	80.1
45,0°	157.8	139.4	159.4	140.4	144.9	135.7	331.8	267.1	254.5	193.4	98.7	82.1	82.1
47,5°	134.7	125.6	128.9	100.8	104.6	97.7	319.4	271.3	269.1	174.6	86.4	81.5	80.5
50,0°	116.5	109.5	110.5	86.2	87.0	81.1	322.9	297.2	269.5	143.0	83.1	80.3	77.3
52,5°	121.6	105.4	104.4	81.7	76.7	71.6	327.3	314.0	252.1	116.3	85.6	79.3	74.0
55,0°	106.2	87.4	81.3	67.8	69.4	64.5	325.3	319.9	221.5	99.1	84.8	76.1	70.4
57,5°	97.5	70.6	67.6	56.9	54.6	51.0	330.0	324.1	184.5	88.2	80.5	71.6	69.2
60,0°	85.6	58.1	55.4	48.8	49.2	48.2	316.0	304.3	149.7	83.1	75.5	70.6	68.6
62,5°	76.9	52.6	44.3	44.1	45.5	45.1	264.2	252.9	118.8	77.1	70.8	70.2	68.0
65,0°	70.8	48.2	39.2	39.9	41.3	41.5	219.3	204.7	113.9	84.0	64.3	65.8	63.1
67,5°	47.7	37.0	34.6	36.6	38.4	38.8	249.7	187.9	132.9	79.7	57.5	59.7	56.4
70,0°	33.8	32.2	31.2	32.8	35.0	34.8	424.7	267.3	168.1	80.5	57.3	52.6	49.6
72,5°	28.1	26.7	27.5	29.3	30.8	30.8	478.7	286.7	162.9	53.2	46.5	49.2	44.1
75,0°	21.8	22.9	24.9	25.3	26.3	25.3	418.4	310.6	151.1	47.1	41.7	42.3	40.7
77,5°	19.2	20.0	21.8	21.0	20.8	19.8	269.3	368.2	173.8	38.8	38.6	38.4	37.2
80,0°	17.2	17.4	18.4	17.6	17.6	17.0	141.8	293.2	201.7	39.5	34.6	35.4	33.4
82,5°	15.6	15.8	16.2	15.6	15.8	15.8	106.6	122.2	90.8	29.9	29.9	31.8	29.9
85,0°	14.2	14.0	14.2	14.0	14.4	14.6	54.4	52.4	45.9	35.4	26.7	28.9	27.3
87,5°	12.9	12.7	13.4	13.1	13.4	13.1	18.0	19.0	18.6	22.5	24.3	26.5	25.1
90,0°	12.1	12.3	12.7	12.7	12.9	13.1	14.0	13.8	13.4	13.2	12.9	12.9	12.5
92,5°	12.3	12.3	12.7	12.7	12.9	13.1	13.4	13.6	13.2	13.1	12.9	12.9	12.5
95,0°	12.3	12.3	12.5	12.7	12.7	13.1	12.9	12.9	12.5	12.5	12.5	12.5	12.3
97,5°	11.9	11.9	11.9	12.1	12.7	12.7	11.9	12.1	11.7	11.7	11.7	12.1	11.7
100,0°	11.3	11.3	11.7	11.5	12.1	12.3	10.7	10.9	10.5	10.5	10.5	10.9	10.7
102,5°	10.9	10.9	11.1	11.1	11.1	11.5	9.9	9.9	9.7	9.9	9.9	10.1	9.7
105,0°	10.1	10.1	10.5	10.3	10.7	10.7	9.1	9.1	9.1	8.9	9.1	9.3	9.3
107,5°	9.7	9.9	9.9	9.9	9.9	10.3	8.3	8.5	8.3	8.3	8.3	8.5	8.5
110,0°	9.3	9.5	9.7	9.5	9.7	9.9	7.9	8.1	7.9	7.9	7.9	8.1	7.7
112,5°	9.1	9.3	9.5	9.3	9.5	9.9	7.5	7.7	7.3	7.3	7.5	7.5	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°	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	0.0	0.0
2,5°	28.5	29.1	27.9	28.3	27.3	27.9	26.9	27.5	26.9	27.3	26.5	0.4	0.4
5,0°	37.6	39.7	36.6	38.4	37.0	39.7	37.6	39.7	36.2	38.0	35.6	0.9	1.3
7,5°	62.5	64.7	55.2	59.7	56.0	55.8	53.6	54.6	55.4	57.9	58.9	2.1	3.3
10,0°	77.3	77.7	77.9	77.9	64.9	55.6	55.4	65.5	64.7	64.5	59.7	4.1	7.5
12,5°	105.0	100.1	107.0	104.8	83.2	65.5	55.8	63.3	67.8	71.6	72.0	7.3	14.7
15,0°	120.8	109.2	126.2	117.7	109.9	85.8	78.3	67.6	74.9	78.1	78.7	11.7	26.4
17,5°	121.6	111.1	131.1	121.6	111.1	88.0	76.7	66.6	70.4	74.4	75.1	16.8	43.3
20,0°	120.6	102.8	121.0	104.6	95.3	77.7	74.7	61.9	61.7	73.6	74.4	21.2	64.5
22,5°	108.0	97.3	95.9	89.0	81.9	73.6	71.0	57.5	56.2	68.6	69.6	25.7	90.2
25,0°	105.6	93.7	83.2	74.5	71.2	66.2	67.4	58.9	54.4	62.1	62.1	28.4	118.6
27,5°	96.3	81.3	78.1	66.6	61.5	60.9	61.7	56.4	49.8	56.6	57.3	28.1	146.7
30,0°	107.6	74.7	68.8	62.9	59.5	60.1	59.7	53.8	44.7	50.8	51.4	28.4	175.1
32,5°	95.5	76.9	73.8	69.8	66.0	60.7	56.4	52.6	43.3	51.4	50.6	28.8	204.0
35,0°	72.0	71.6	72.0	70.2	66.6	60.3	55.2	54.0	45.5	52.0	51.4	27.2	231.1
37,5°	57.1	57.3	63.3	63.9	65.1	59.1	55.4	53.6	46.9	50.8	51.8	28.7	259.8
40,0°	63.3	57.9	52.2	50.0	53.2	50.8	52.0	51.2	46.1	48.6	50.6	32.5	292.3
42,5°	75.9	71.0	59.5	53.2	47.5	39.7	41.7	42.7	41.9	42.1	44.3	34.5	326.8
45,0°	79.3	75.3	69.8	61.5	50.4	38.8	38.4	36.8	35.2	35.2	37.2	36.2	363.0
47,5°	78.7	75.1	70.2	62.9	52.8	40.5	39.9	36.2	33.2	32.4	32.0	37.4	400.3
50,0°	77.3	74.5	70.4	63.3	52.6	39.2	37.6	34.4	33.0	32.4	32.0	39.4	439.7
52,5°	73.6	71.8	67.8	60.3	51.4	38.8	36.4	33.0	31.8	31.0	31.6	41.1	480.8
55,0°	69.2	67.0	64.1	56.8	48.2	37.8	35.8	31.6	29.9	29.3	29.7	42.3	523.1
57,5°	65.8	62.9	60.3	53.0	44.5	35.4	33.4	30.1	28.9	28.5	28.1	43.7	566.8
60,0°	63.1	59.1	56.8	49.0	40.7	32.8	30.8	28.7	27.9	27.1	26.9	46.0	612.8
62,5°	61.1	55.2	52.2	44.9	37.6	31.2	29.1	27.5	26.9	25.9	25.7	47.9	660.8
65,0°	58.3	51.6	47.5	40.3	34.0	29.5	27.1	25.7	25.7	24.3	24.1	47.9	708.7
67,5°	53.4	47.1	42.5	36.2	30.5	27.5	25.5	24.3	24.3	23.1	22.9	46.9	755.6
70,0°	48.4	43.1	38.8	32.4	27.3	25.3	23.7	22.7	23.1	21.9	21.8	48.1	803.7
72,5°	41.9	38.8	34.8	29.3	24.9	23.5	22.3	21.6	21.8	20.6	20.2	45.4	849.1
75,0°	38.4	35.0	31.4	27.1	22.5	21.8	20.8	20.2	20.2	19.0	18.2	36.7	885.9
77,5°	34.8	31.6	28.9	25.3	21.2	20.2	19.4	19.2	18.6	17.2	16.6	29.7	915.5
80,0°	31.6	28.7	26.1	23.1	19.4	18.4	17.8	17.2	16.6	15.2	14.6	20.4	935.9
82,5°	27.7	24.3	21.9	19.8	17.0	16.4	16.4	15.4	14.8	13.8	13.4	12.3	948.2
85,0°	24.3	20.4	18.6	16.8	14.8	15.2	15.0	14.2	13.6	12.9	12.3	8.2	956.4
87,5°	20.8	17.2	15.6	14.4	12.7	12.7	13.1	12.9	12.7	11.9	11.5	5.6	962.1
90,0°	12.3	12.1	11.5	10.9	9.9	10.3	10.7	10.9	10.7	10.7	9.9	3.5	965.6
92,5°	12.5	12.1	11.7	11.3	10.3	10.7	10.7	11.1	11.1	10.9	10.3	3.5	969.1
95,0°	12.1	11.7	11.3	10.9	10.1	10.5	10.5	10.5	10.7	10.7	9.9	3.4	972.4
97,5°	11.3	10.9	10.9	10.3	9.7	9.9	10.3	10.1	10.1	10.1	9.9	3.2	975.6
100,0°	10.5	10.3	10.1	9.5	9.3	9.1	9.3	9.3	9.3	9.3	9.1	2.9	978.5
102,5°	9.7	9.3	9.3	8.7	8.5	8.5	8.5	8.5	8.5	8.3	8.3	2.7	981.2
105,0°	8.9	8.7	8.7	7.9	7.9	7.7	7.7	7.7	7.7	7.5	7.1	2.5	983.7
107,5°	8.1	7.7	7.9	7.1	7.1	6.9	6.9	6.7	6.7	6.7	6.7	2.3	985.9
110,0°	7.5	7.1	7.1	6.7	6.7	6.5	6.3	6.1	6.3	6.1	6.3	2.1	988.1
112,5°	6.9	6.5	6.7	6.5	6.3	6.3	6.3	5.9	6.1	5.9	5.9	2.0	990.1

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5243BB14HP EAN: 4058352436400	LP-Nummer 58717_7
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°	7.7	7.7	8.1	8.3	8.5	8.9	8.9	8.9	8.7	8.9	8.9	9.3	9.1
117,5°	7.1	7.3	7.5	7.7	8.1	8.3	8.5	8.3	8.3	8.5	8.7	8.7	8.7
120,0°	6.7	6.9	7.3	7.5	7.7	8.1	8.3	8.1	7.9	8.3	8.7	8.7	8.7
122,5°	5.3	5.9	5.7	6.3	6.3	6.7	6.7	6.7	6.7	7.3	7.3	7.7	7.3
125,0°	3.8	4.0	4.0	4.4	4.4	4.7	4.4	4.7	4.7	5.1	5.1	5.5	5.3
127,5°	2.4	2.4	2.6	2.6	2.8	2.8	2.8	3.0	3.2	3.4	3.6	4.0	4.0
130,0°	2.2	2.0	2.2	2.2	2.4	2.4	2.4	2.6	2.6	3.0	3.2	3.2	3.4
132,5°	1.6	1.6	1.8	1.8	1.8	2.0	2.0	2.2	2.2	2.6	2.6	2.8	2.8
135,0°	1.0	1.2	1.2	1.4	1.4	1.6	1.6	1.8	1.8	2.0	2.2	2.2	2.2
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.: 5XA5243BB14HP EAN: 4058352436400	LP-Nummer 58717_7
		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°	9.3	9.1	9.1	8.9	9.1	9.5	7.5	7.3	6.9	6.9	6.7	6.9	6.9
117,5°	8.9	8.9	8.7	8.5	8.7	9.1	6.7	6.7	6.5	6.3	6.3	6.5	6.1
120,0°	8.7	8.5	8.5	8.1	8.3	8.7	6.7	6.3	6.3	5.9	5.9	6.3	6.1
122,5°	7.7	7.1	7.1	6.9	7.1	7.1	4.9	5.3	4.9	4.9	4.7	4.9	4.7
125,0°	5.3	4.9	4.9	4.5	4.7	4.4	3.2	3.4	3.2	3.4	3.0	3.4	3.0
127,5°	3.8	3.4	3.2	3.0	2.8	2.8	1.8	2.4	2.2	2.2	2.0	2.0	2.0
130,0°	3.4	3.0	2.8	2.6	2.4	2.4	2.0	1.8	1.8	1.8	1.6	1.6	1.6
132,5°	2.6	2.4	2.4	1.8	1.8	1.6	1.4	1.6	1.2	1.4	1.2	1.4	1.2
135,0°	2.0	1.8	1.6	1.4	1.4	1.2	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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°	6.5	6.1	6.3	6.1	6.1	5.9	6.1	5.9	5.7	5.5	5.5	1.9	992.0
117,5°	6.1	5.7	5.9	5.7	5.7	5.9	5.7	5.5	5.3	5.1	5.1	1.7	993.7
120,0°	5.7	5.3	5.5	5.7	5.7	5.7	5.7	5.3	5.3	4.9	5.1	1.7	995.4
122,5°	4.5	4.2	4.5	4.5	4.7	4.7	4.7	4.5	4.7	4.2	4.4	1.3	996.7
125,0°	3.0	2.6	3.0	3.0	3.4	3.4	3.6	3.6	3.6	3.2	3.2	0.9	997.6
127,5°	2.0	2.0	1.8	2.2	2.2	2.8	2.8	3.0	2.6	2.8	2.4	0.6	998.2
130,0°	1.6	1.6	1.8	1.8	2.2	2.4	2.8	2.8	2.6	2.4	2.4	0.5	998.7
132,5°	1.2	1.2	1.2	1.4	1.6	2.0	2.2	2.4	2.6	2.4	2.4	0.4	999.0
135,0°	0.8	0.8	0.8	1.0	1.4	1.6	2.0	2.2	2.0	2.2	2.4	0.9	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.: 5XA5243BB14HP EAN: 4058352436400	LP-Nummer 58717_7
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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	2430	25.4	27.3	26.4
95	241	2306	23.8	25.6	24.7
90	229	2191	22.5	24.2	23.4
85	216	2066	21.1	22.6	21.8
80	203	1942	19.7	21.1	20.4
75	190	1818	18.3	19.6	19.0
70	178	1703	17.1	18.3	17.7
65	165	1579	15.8	16.9	16.4
60	152	1454	14.6	15.6	15.1
55	140	1339	13.4	14.4	13.9
50	127	1215	12.3	13.1	12.7
45	114	1091	11.2	11.9	11.6
40	102	976	10.1	10.7	10.4
35	89	851	9.0	9.5	9.2
30	76	727	7.9	8.3	8.1
25	63	603	6.8	7.1	7.0
20	51	488	5.7	6.0	5.8
15	38	364	4.7	4.8	4.8
15	37	354	4.6	4.8	4.7