

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5243AB14HP
EAN: 4058352436363

LP-Nummer
58716_7



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2200 K | CRI ≥ 70
Betriebsgerät EVG Plus
Bemessungswerte Nettolichtstrom = 2440 lm
 Systemleistung = 25.5 W
 Lichtausbeute = 95.7 lm/W

Seriendokumentation
25.09.2020

siteco

Lichtstärke in cd/klm

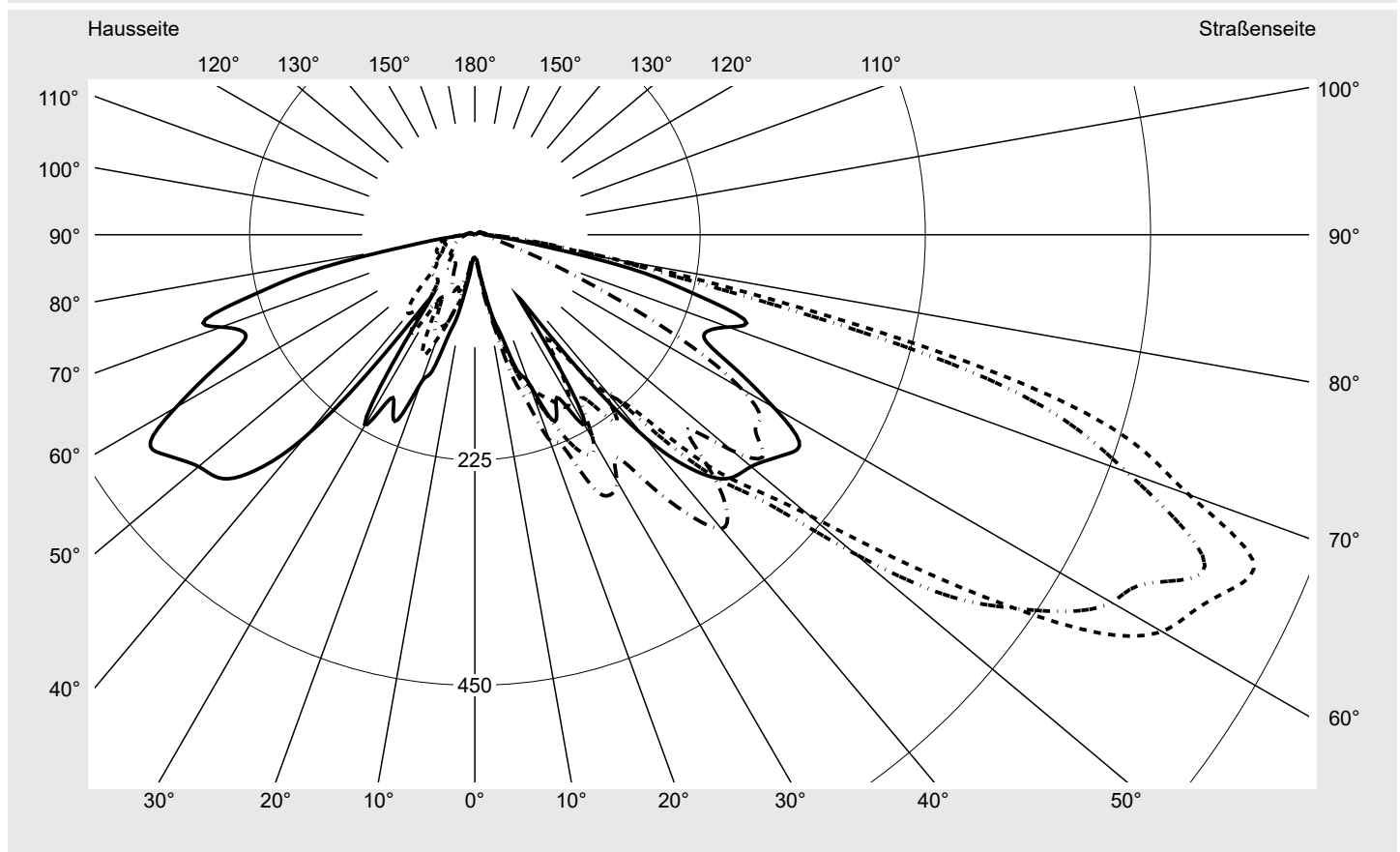
C180-0

C205-25

C210-30

C270-90

Imax: 839 cd/klm



Leuchtenbetriebswirkungsgrade

Eta 100.0%
 Eta 0° - 90° 97.5%
 Eta 90° - 180° 2.5%

Lichtstärkeklasse nach EN13201-2

Klasse: G1
 Imax 70° 759.0
 Imax 80° 170.3
 Imax 90° 12.9
 Imax >90° 11.8
 Imax >95° 9.9

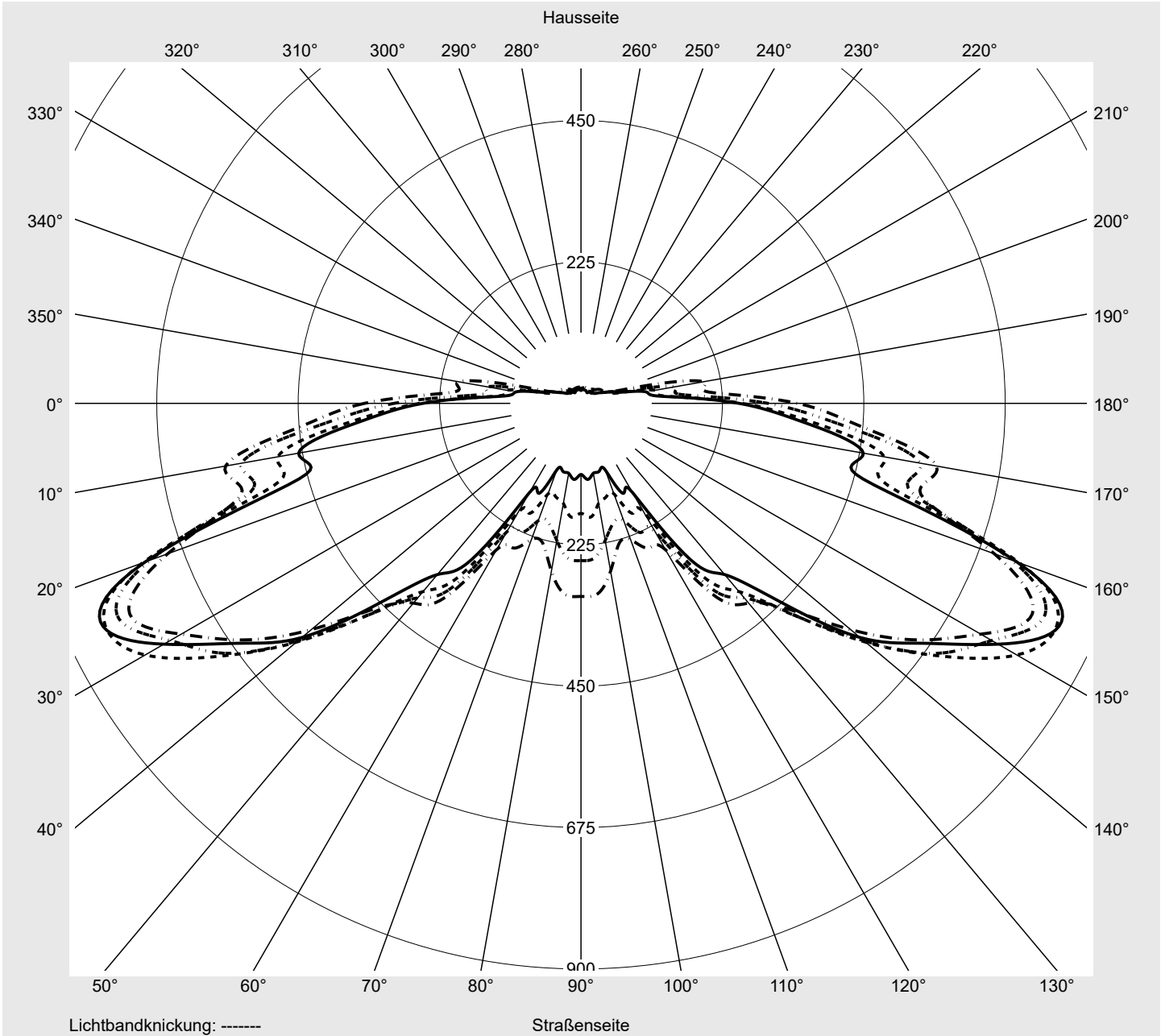
Messbedingungen

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.: 5XA5243AB14HP EAN: 4058352436363	LP-Nummer 58716_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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2,5°	24.9	24.9	25.3	24.9	25.3	25.3	25.4	25.4	26.0	25.6	26.4	26.0	26.4
5,0°	26.6	26.8	27.7	27.9	29.4	29.4	31.1	30.4	31.9	30.6	31.7	30.2	32.1
7,5°	41.0	39.5	42.7	41.0	41.2	41.0	42.2	42.7	44.2	43.3	42.5	38.7	40.6
10,0°	59.8	49.9	54.9	55.6	60.2	61.0	66.7	65.5	71.4	66.3	69.7	65.3	64.8
12,5°	86.8	86.0	91.2	88.9	97.4	93.2	91.5	94.2	96.1	98.6	100.1	91.9	95.7
15,0°	107.1	108.6	111.1	115.6	120.6	119.4	117.5	136.2	149.3	136.0	133.5	124.0	115.3
17,5°	143.8	136.2	130.3	138.8	155.1	142.4	151.9	151.7	162.4	162.4	162.7	157.8	156.1
20,0°	157.2	177.0	170.7	175.1	196.4	160.8	171.5	171.9	177.6	169.2	172.8	166.5	175.8
22,5°	199.0	203.0	201.7	214.2	211.7	173.8	201.9	184.6	188.6	178.9	190.7	199.6	195.0
25,0°	192.7	179.8	178.5	187.4	202.6	183.2	232.8	223.1	220.3	208.9	215.9	205.1	209.5
27,5°	186.1	193.5	199.8	215.0	229.6	194.3	248.0	253.7	249.9	232.4	214.8	205.5	205.3
30,0°	219.3	229.4	238.7	240.4	238.7	188.6	236.2	233.0	258.6	248.6	232.2	209.5	208.5
32,5°	155.7	196.5	212.1	226.5	211.0	156.3	197.3	175.3	195.6	203.8	210.0	207.0	220.8
35,0°	75.8	60.6	73.5	123.1	156.9	127.4	209.8	191.8	210.4	207.7	234.7	225.8	235.9
37,5°	164.8	124.8	118.7	105.4	140.9	167.9	234.0	250.7	266.6	246.3	252.8	238.7	242.5
40,0°	262.8	256.2	256.7	228.8	235.5	209.3	202.6	204.3	242.3	294.9	292.1	264.5	271.6
42,5°	314.7	305.5	324.7	303.3	290.4	240.4	272.7	223.7	251.8	263.2	273.1	271.7	295.7
45,0°	344.3	340.5	372.4	357.8	310.7	319.8	346.7	315.4	338.0	318.6	302.5	275.2	282.8
47,5°	355.5	375.8	429.2	419.5	329.3	374.7	398.0	359.9	360.6	346.9	353.6	321.9	296.4
50,0°	360.2	409.6	479.3	471.5	351.1	435.8	496.0	444.7	399.0	356.2	356.2	324.2	303.3
52,5°	369.5	417.2	501.1	519.4	456.9	533.6	589.8	531.5	453.1	414.4	395.6	362.7	316.9
55,0°	381.5	431.3	507.4	530.0	553.7	641.8	649.1	575.2	487.8	449.7	419.1	384.0	302.1
57,5°	384.2	449.3	542.5	571.6	638.4	740.6	700.1	604.8	522.0	460.3	422.7	386.8	293.2
60,0°	344.7	454.2	574.2	559.8	700.0	792.4	734.5	656.3	560.0	461.3	414.9	376.9	269.1
62,5°	297.6	423.7	548.0	544.1	729.2	811.2	754.8	693.3	587.5	474.9	404.1	357.8	236.0
65,0°	256.5	378.5	489.9	506.3	742.9	835.5	800.8	701.5	591.1	473.2	391.0	333.6	200.9
67,5°	251.6	359.1	456.1	464.3	738.3	839.3	766.4	665.6	579.6	444.7	355.7	303.6	163.9
70,0°	269.7	379.8	407.7	455.2	681.9	759.0	693.1	616.2	511.4	397.8	320.2	273.3	131.6
72,5°	282.8	395.0	358.9	487.5	634.8	689.3	619.4	530.0	410.0	332.7	264.9	225.8	106.2
75,0°	224.8	325.9	296.8	427.6	522.6	551.8	481.4	381.9	273.1	228.8	207.7	189.7	89.6
77,5°	166.5	219.7	191.8	297.2	321.5	321.9	252.2	213.1	167.1	158.0	157.2	162.4	66.7
80,0°	81.7	103.7	91.0	170.3	151.9	147.4	138.2	139.2	115.6	90.8	72.0	84.7	31.3
82,5°	41.4	54.5	51.8	84.5	61.9	60.0	76.7	94.9	72.2	47.1	31.7	23.9	14.6
85,0°	19.7	26.0	26.0	31.7	23.9	34.8	41.8	44.2	28.5	23.0	16.1	14.6	12.2
87,5°	12.9	15.6	15.4	17.5	17.5	19.7	20.9	20.3	17.5	14.8	13.1	12.5	10.4
90,0°	9.5	12.0	12.3	12.7	12.9	12.9	12.5	12.2	11.6	11.8	11.2	10.6	9.9
92,5°	9.3	11.0	11.2	11.8	11.6	11.8	11.4	11.2	10.6	10.6	10.4	10.1	9.7
95,0°	8.5	9.5	9.7	10.3	10.6	10.8	10.4	10.3	9.9	9.7	9.7	9.5	9.3
97,5°	7.8	8.5	8.9	8.9	9.3	9.7	9.7	9.5	9.1	9.3	9.1	8.7	8.9
100,0°	7.0	7.4	7.8	8.2	8.2	8.5	8.5	8.5	8.2	8.5	8.4	8.4	8.2
102,5°	6.3	6.6	7.0	7.0	7.4	7.8	7.8	7.8	7.6	7.6	7.6	7.6	7.6
105,0°	5.9	5.9	6.3	6.6	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.2
107,5°	5.3	5.5	5.7	6.1	6.3	6.6	6.6	6.5	6.6	6.6	6.6	6.6	6.8
110,0°	5.1	5.1	5.5	5.9	6.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
112,5°	4.7	5.1	5.3	5.5	5.9	6.1	6.3	6.1	6.1	6.1	6.1	6.3	6.3

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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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2,5°	25.8	26.4	26.0	26.8	26.2	27.0	25.1	24.7	24.7	24.3	24.5	23.7	23.7
5,0°	31.1	32.7	31.3	32.1	31.0	31.5	26.0	25.4	25.3	25.1	24.9	24.5	24.3
7,5°	40.4	42.2	42.0	46.5	47.5	50.1	41.2	35.7	38.9	33.6	38.7	31.7	36.3
10,0°	58.1	59.2	63.4	71.2	68.0	74.1	61.1	65.5	59.2	58.5	52.6	47.9	44.4
12,5°	83.7	89.6	92.5	100.6	99.9	102.5	80.9	82.8	82.6	73.7	67.8	62.3	62.5
15,0°	108.4	111.8	122.9	140.7	138.8	148.5	102.5	83.6	92.5	83.6	76.5	77.3	77.7
17,5°	153.8	162.2	164.4	169.2	167.1	176.6	135.0	105.0	120.0	106.9	94.9	92.9	92.3
20,0°	176.0	180.8	167.3	185.9	211.0	218.4	148.9	115.1	134.1	122.1	111.8	98.0	94.4
22,5°	209.6	205.7	183.6	194.6	214.8	227.5	185.5	130.3	149.4	145.7	129.7	103.3	83.7
25,0°	224.5	227.9	221.0	240.0	265.5	277.6	178.5	126.3	146.2	150.0	121.0	89.3	68.4
27,5°	230.3	236.4	244.6	260.2	285.8	292.8	182.3	116.8	121.2	98.7	86.6	71.2	60.6
30,0°	234.9	239.6	252.4	250.7	274.6	283.7	160.7	66.5	98.0	87.4	83.9	79.4	70.3
32,5°	245.2	251.8	263.2	236.4	257.9	263.6	122.9	52.4	121.9	123.1	116.2	88.1	57.7
35,0°	270.6	254.1	267.4	256.9	288.3	306.1	109.0	122.7	135.2	127.8	102.9	78.2	51.8
37,5°	267.8	261.3	298.3	297.0	337.3	353.6	182.1	159.1	135.2	117.0	95.3	61.5	44.4
40,0°	294.0	288.5	331.2	330.4	369.0	383.2	245.3	168.6	171.9	135.4	102.5	58.1	47.5
42,5°	332.3	305.5	347.1	337.3	367.4	372.2	293.2	192.0	195.0	151.5	97.0	54.5	53.9
45,0°	307.1	282.6	316.7	307.3	331.7	332.3	306.1	232.6	204.1	151.9	83.2	56.2	58.5
47,5°	295.5	269.7	293.8	277.4	291.9	288.3	292.1	245.7	210.2	139.2	65.3	57.5	57.5
50,0°	309.9	282.6	299.3	287.3	321.1	335.4	275.0	260.9	212.5	120.8	52.8	54.5	53.2
52,5°	312.0	293.4	317.9	323.4	358.3	363.1	265.9	279.5	202.2	102.2	48.0	51.8	48.6
55,0°	295.1	285.6	312.9	317.5	343.3	342.2	262.6	275.9	182.5	82.4	46.9	47.9	44.8
57,5°	272.5	254.3	267.9	301.6	330.8	338.0	248.6	248.2	148.5	63.0	45.4	43.5	41.2
60,0°	254.1	230.7	232.1	271.2	304.2	307.3	204.7	197.9	111.7	56.2	43.5	39.9	38.0
62,5°	226.7	198.6	197.5	221.6	246.9	250.3	160.5	151.5	78.2	52.2	41.8	36.7	33.4
65,0°	193.1	153.2	154.2	161.6	181.5	175.1	133.5	120.0	67.2	49.6	41.6	34.9	30.4
67,5°	158.0	112.8	111.8	113.0	121.5	113.2	128.7	105.0	69.3	54.7	41.4	33.8	27.5
70,0°	132.0	87.0	75.0	67.8	75.8	71.0	138.6	111.5	73.7	54.5	39.5	31.3	25.1
72,5°	106.7	68.2	47.9	41.4	43.5	41.8	128.7	107.1	68.0	51.7	37.2	30.6	24.1
75,0°	79.8	45.0	34.0	28.5	28.1	27.0	87.5	76.7	55.4	44.8	37.8	31.5	25.1
77,5°	54.9	26.2	23.9	21.1	20.9	20.1	74.6	62.1	48.4	41.6	36.3	30.6	25.4
80,0°	25.4	16.7	17.1	16.3	16.7	16.3	49.0	46.3	40.6	37.6	31.7	28.7	24.7
82,5°	13.9	12.7	13.1	12.9	13.5	13.3	31.0	32.9	32.3	30.8	27.2	25.4	21.1
85,0°	12.0	11.4	11.6	11.6	12.2	12.2	19.9	21.5	23.5	25.1	22.4	20.7	18.4
87,5°	10.6	10.3	10.8	10.8	11.0	11.0	14.8	16.0	16.0	17.1	15.6	15.8	14.6
90,0°	9.9	9.9	10.4	10.4	10.4	10.6	11.6	11.8	11.4	11.6	11.6	11.6	11.6
92,5°	9.7	9.7	10.3	10.3	10.4	10.6	10.6	10.6	10.1	10.6	10.4	10.6	10.3
95,0°	9.5	9.3	9.7	9.9	10.1	10.3	9.1	9.3	8.7	9.1	8.7	9.1	8.7
97,5°	9.1	9.1	9.3	9.5	9.7	9.9	8.2	8.2	7.6	7.8	7.8	8.0	7.8
100,0°	8.5	8.5	8.9	8.7	9.1	9.1	7.0	7.0	6.6	6.8	6.6	6.8	6.6
102,5°	8.0	8.0	8.2	8.2	8.4	8.4	6.3	6.3	5.9	6.3	5.9	6.1	5.9
105,0°	7.4	7.6	7.6	7.6	7.8	7.6	5.7	5.5	5.3	5.5	5.3	5.5	5.3
107,5°	6.8	6.8	7.0	7.0	7.2	7.2	5.3	5.1	4.7	4.7	4.7	4.9	4.7
110,0°	6.5	6.5	6.6	6.8	6.8	7.2	4.9	4.7	4.4	4.6	4.4	4.6	4.4
112,5°	6.3	6.5	6.5	6.5	6.6	6.8	4.7	4.7	4.2	4.4	4.2	4.4	4.0

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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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	0.0	0.0
2,5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.4	23.5	0.3	0.3
5,0°	23.9	23.9	23.7	23.5	23.7	23.7	23.7	23.5	23.5	23.4	23.5	0.7	1.0
7,5°	31.9	33.8	29.2	30.8	27.3	26.6	25.3	25.3	24.3	23.7	23.5	1.3	2.3
10,0°	40.3	36.7	40.1	38.5	40.1	36.8	37.8	38.2	39.5	43.7	40.3	2.6	4.9
12,5°	59.1	59.1	54.9	54.3	53.4	54.1	45.2	41.8	44.4	45.0	43.7	4.6	9.5
15,0°	72.7	59.4	65.7	64.6	63.6	58.9	39.7	40.6	54.1	58.9	58.1	6.9	16.4
17,5°	78.2	64.6	68.9	65.7	62.9	60.2	53.7	51.5	54.9	57.3	55.1	9.7	26.1
20,0°	76.7	60.0	63.4	60.4	60.2	58.5	49.9	49.0	49.4	54.5	59.6	12.3	38.4
22,5°	65.5	53.6	56.2	54.1	53.9	53.4	49.2	48.8	46.5	57.3	59.2	15.0	53.4
25,0°	56.8	49.9	51.5	49.2	49.4	49.2	49.8	47.9	45.4	51.7	53.6	17.3	70.7
27,5°	53.7	49.4	49.8	47.9	47.3	46.3	46.7	44.1	43.1	45.2	46.7	19.2	89.9
30,0°	56.6	50.3	50.5	47.9	45.4	44.4	44.2	40.4	39.3	39.7	41.4	20.9	110.8
32,5°	48.6	48.0	48.8	46.9	45.0	43.3	41.4	37.8	35.9	35.1	36.1	20.8	131.6
35,0°	49.6	49.8	49.8	48.2	45.0	43.3	41.4	38.9	35.7	33.8	34.6	21.0	152.6
37,5°	44.2	46.3	47.1	45.8	44.4	43.5	43.3	40.4	38.2	37.8	39.5	25.2	177.8
40,0°	43.7	40.3	40.3	39.9	39.7	40.1	41.2	39.7	40.1	41.0	43.3	31.2	209.1
42,5°	50.3	44.2	39.1	36.7	35.9	35.5	36.7	36.3	37.6	37.6	39.9	35.8	244.8
45,0°	53.7	48.4	43.3	38.5	35.5	33.6	32.3	32.3	33.4	33.6	34.9	40.0	284.8
47,5°	52.6	47.1	43.3	39.7	36.8	34.9	31.5	31.5	31.3	31.0	30.8	43.5	328.4
50,0°	48.6	44.8	41.4	37.6	35.5	34.0	31.3	32.3	31.1	31.5	30.8	48.2	376.6
52,5°	44.4	24.1	38.5	34.9	32.9	31.9	29.4	31.7	30.6	31.3	30.8	54.3	430.9
55,0°	40.4	37.4	35.1	31.5	30.0	29.6	28.3	29.8	28.7	29.1	28.1	58.1	489.1
57,5°	37.4	34.0	31.9	29.1	27.2	27.2	26.8	27.9	27.0	27.2	26.2	60.8	549.8
60,0°	34.8	31.0	29.4	26.8	25.1	25.4	25.6	26.0	26.0	26.0	24.7	61.5	611.3
62,5°	31.5	27.7	27.0	24.7	23.0	23.9	24.5	24.5	25.1	24.7	23.5	60.1	671.4
65,0°	27.9	24.9	24.5	23.2	21.1	22.2	23.2	23.2	23.7	23.2	22.0	57.7	729.1
67,5°	25.3	23.0	22.6	21.5	19.6	20.7	21.8	21.8	22.4	21.8	20.5	54.5	783.6
70,0°	23.4	21.3	21.1	19.7	17.7	19.0	20.3	20.3	21.1	20.5	19.0	50.5	834.2
72,5°	22.0	20.3	19.6	18.8	16.3	18.0	19.2	19.4	19.6	19.4	17.9	45.9	880.0
75,0°	21.6	19.6	18.2	17.5	15.4	17.1	18.0	18.2	18.4	18.2	16.7	36.6	916.6
77,5°	21.8	19.4	17.5	16.7	14.2	16.0	16.5	16.9	17.1	16.7	15.2	24.9	941.6
80,0°	21.6	18.8	16.9	15.8	12.9	14.4	15.0	15.0	15.2	14.8	13.3	14.6	956.1
82,5°	19.6	16.9	15.6	14.1	11.2	12.9	13.5	13.5	13.5	13.3	11.4	8.6	964.7
85,0°	16.9	15.0	13.9	12.9	9.7	12.0	12.3	12.3	12.3	12.2	10.6	5.3	970.0
87,5°	14.2	13.1	12.5	11.8	8.7	11.0	11.6	11.6	11.6	11.4	9.5	3.8	973.8
90,0°	11.8	11.4	11.6	11.2	8.7	10.8	11.2	11.4	11.2	11.0	9.5	3.1	976.9
92,5°	10.4	9.9	10.3	9.9	8.4	9.5	9.9	9.7	10.1	9.7	8.7	2.8	979.7
95,0°	8.7	8.2	8.7	8.4	7.4	7.8	8.2	7.8	8.2	8.0	7.6	2.5	982.2
97,5°	7.4	7.4	7.4	7.0	6.6	6.6	7.0	6.6	6.8	6.8	6.5	2.2	984.4
100,0°	6.6	6.3	6.3	6.3	5.9	5.9	5.9	5.7	5.7	5.7	5.7	2.0	986.4
102,5°	5.9	5.5	5.5	5.5	5.1	5.1	5.1	4.9	4.9	4.9	4.9	1.8	988.2
105,0°	5.1	4.9	4.9	4.7	4.6	4.4	4.4	4.4	4.4	4.2	3.8	1.6	989.8
107,5°	4.7	4.4	4.4	4.0	4.0	3.8	3.6	3.4	3.4	3.6	3.4	1.4	991.2
110,0°	4.4	3.6	3.8	3.6	3.6	3.4	3.4	3.4	3.4	3.2	3.4	1.3	992.5
112,5°	4.0	3.6	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.2	3.4	1.3	993.8

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5243AB14HP EAN: 4058352436363	LP-Nummer 58716_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°	4.7	4.9	5.1	5.3	5.5	5.7	6.1	6.1	5.7	6.1	5.9	6.1	5.9
117,5°	4.4	4.7	4.9	4.9	5.3	5.5	5.7	5.5	5.5	5.5	5.7	5.7	5.7
120,0°	4.2	4.6	4.9	4.9	4.9	5.3	5.5	5.5	5.3	5.5	5.5	5.5	5.7
122,5°	3.4	3.8	4.0	4.2	4.4	4.7	4.9	5.1	5.1	5.3	4.9	5.1	5.1
125,0°	2.5	2.7	2.8	3.2	3.2	3.6	3.8	4.0	4.0	4.2	3.8	4.0	3.8
127,5°	1.7	1.7	1.9	2.1	2.1	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.5
130,0°	1.3	1.7	1.9	1.9	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.1	2.3
132,5°	1.1	1.3	1.3	1.5	1.7	1.9	1.9	2.1	2.3	2.1	2.1	1.7	1.7
135,0°	0.8	0.9	1.1	1.3	1.3	1.5	1.5	1.7	1.9	1.9	1.7	1.5	1.5
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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.: 5XA5243AB14HP EAN: 4058352436363	LP-Nummer 58716_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°	6.1	6.1	6.1	6.1	6.5	6.5	4.4	4.4	4.0	4.0	4.0	4.0	4.0
117,5°	5.9	5.9	5.7	5.7	5.9	6.1	4.2	4.0	3.6	3.6	3.6	3.6	3.6
120,0°	5.7	5.5	5.5	5.5	5.7	5.7	3.8	3.8	3.4	3.4	3.4	3.4	3.2
122,5°	5.1	5.1	5.1	4.9	5.1	4.9	3.2	3.2	2.8	2.8	2.7	2.8	2.8
125,0°	4.0	3.6	3.8	3.6	3.8	3.8	2.3	2.5	1.9	2.1	1.9	2.1	2.1
127,5°	2.5	2.3	2.3	2.1	2.1	2.3	1.5	1.5	1.3	1.5	1.5	1.5	1.5
130,0°	2.3	2.1	1.9	1.7	1.7	1.5	1.5	1.5	1.1	1.3	1.1	1.1	1.1
132,5°	1.9	1.5	1.5	1.3	1.3	1.1	1.1	1.1	1.1	1.1	0.9	0.8	0.9
135,0°	1.3	1.3	1.1	0.9	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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°	3.6	3.4	3.4	3.4	3.4	3.4	3.2	3.2	3.2	3.2	3.4	1.2	995.0
117,5°	3.4	3.0	3.2	3.2	3.2	3.4	3.2	3.0	3.2	3.2	3.4	1.1	996.1
120,0°	3.2	3.0	3.0	3.0	3.0	3.2	3.2	3.0	3.2	3.4	3.4	1.0	997.1
122,5°	2.8	2.3	2.7	2.5	2.7	2.8	2.8	2.7	3.0	3.4	3.4	0.9	998.0
125,0°	1.9	1.7	1.9	1.9	2.1	2.3	2.5	2.3	2.7	3.0	3.0	0.7	998.6
127,5°	1.5	1.3	1.5	1.5	1.7	1.9	2.3	2.3	2.5	3.0	3.0	0.5	999.1
130,0°	1.1	0.9	1.3	1.5	1.7	1.9	2.3	2.3	2.5	2.8	3.0	0.4	999.5
132,5°	0.9	0.9	1.1	0.9	1.3	1.7	1.9	2.1	2.3	2.5	2.7	0.3	999.8
135,0°	0.8	0.8	0.9	0.9	1.3	1.3	1.7	1.9	2.1	2.5	2.7	0.2	1000.0
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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.: 5XA5243AB14HP EAN: 4058352436363	LP-Nummer 58716_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	2440	25.5	27.3	26.4
95	241	2315	23.9	25.6	24.8
90	229	2200	22.6	24.2	23.4
85	216	2075	21.1	22.6	21.8
80	203	1950	19.7	21.1	20.4
75	190	1825	18.3	19.6	19.0
70	178	1710	17.1	18.3	17.7
65	165	1585	15.9	16.9	16.4
60	152	1460	14.6	15.6	15.1
55	140	1345	13.5	14.3	13.9
50	127	1220	12.3	13.1	12.7
45	114	1095	11.2	11.9	11.6
40	102	980	10.1	10.7	10.4
35	89	855	9.0	9.5	9.2
30	76	730	7.9	8.3	8.1
25	63	605	6.8	7.1	7.0
20	51	490	5.7	6.0	5.8
15	38	365	4.7	4.8	4.8
15	37	355	4.6	4.8	4.7