

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5245EF14HP
EAN: 4058352834510

LP-Nummer
58716_18



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 3000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 4240 lm Systemleistung = 33.6 W Lichtausbeute = 126.2 lm/W

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

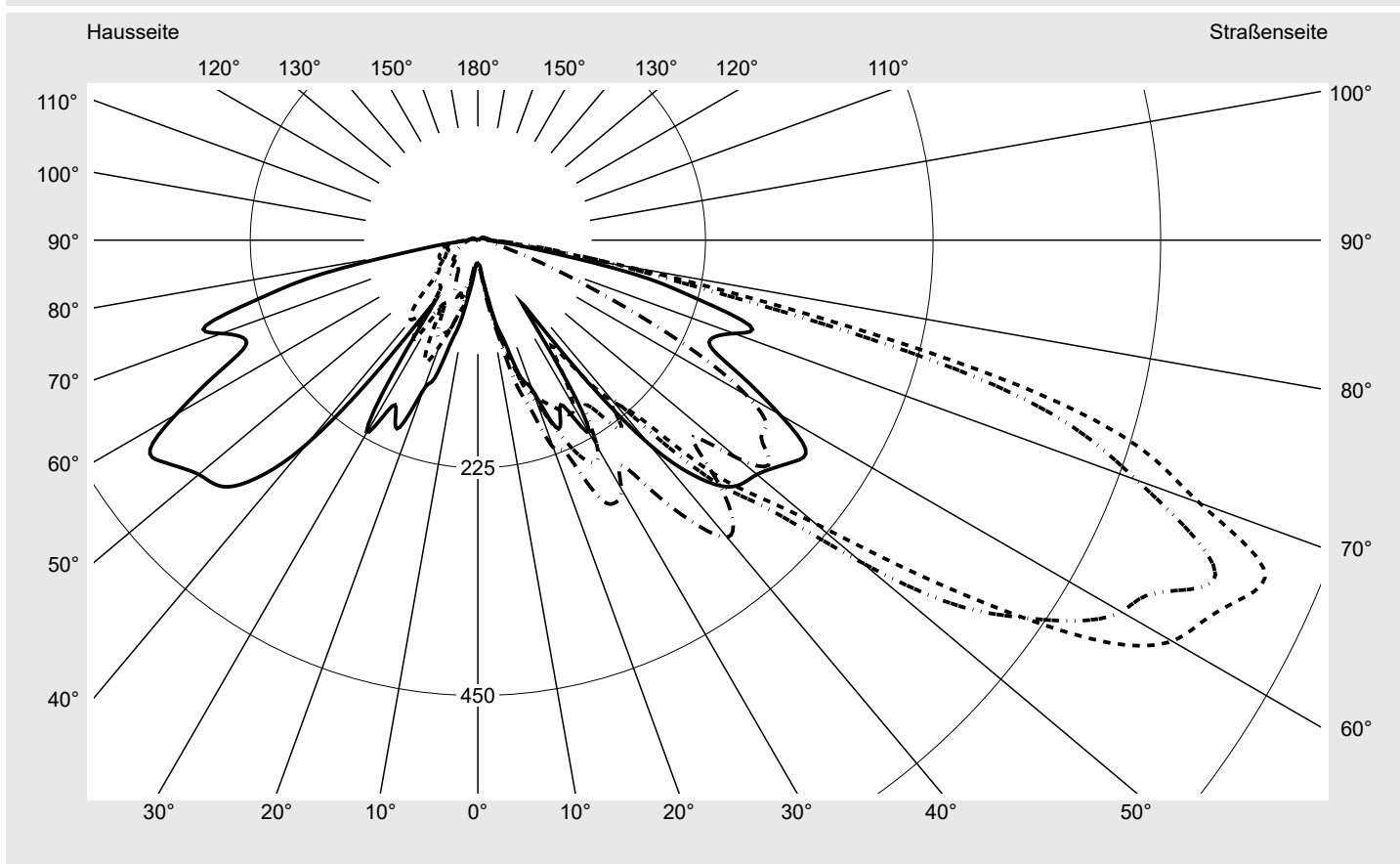
C180-0

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

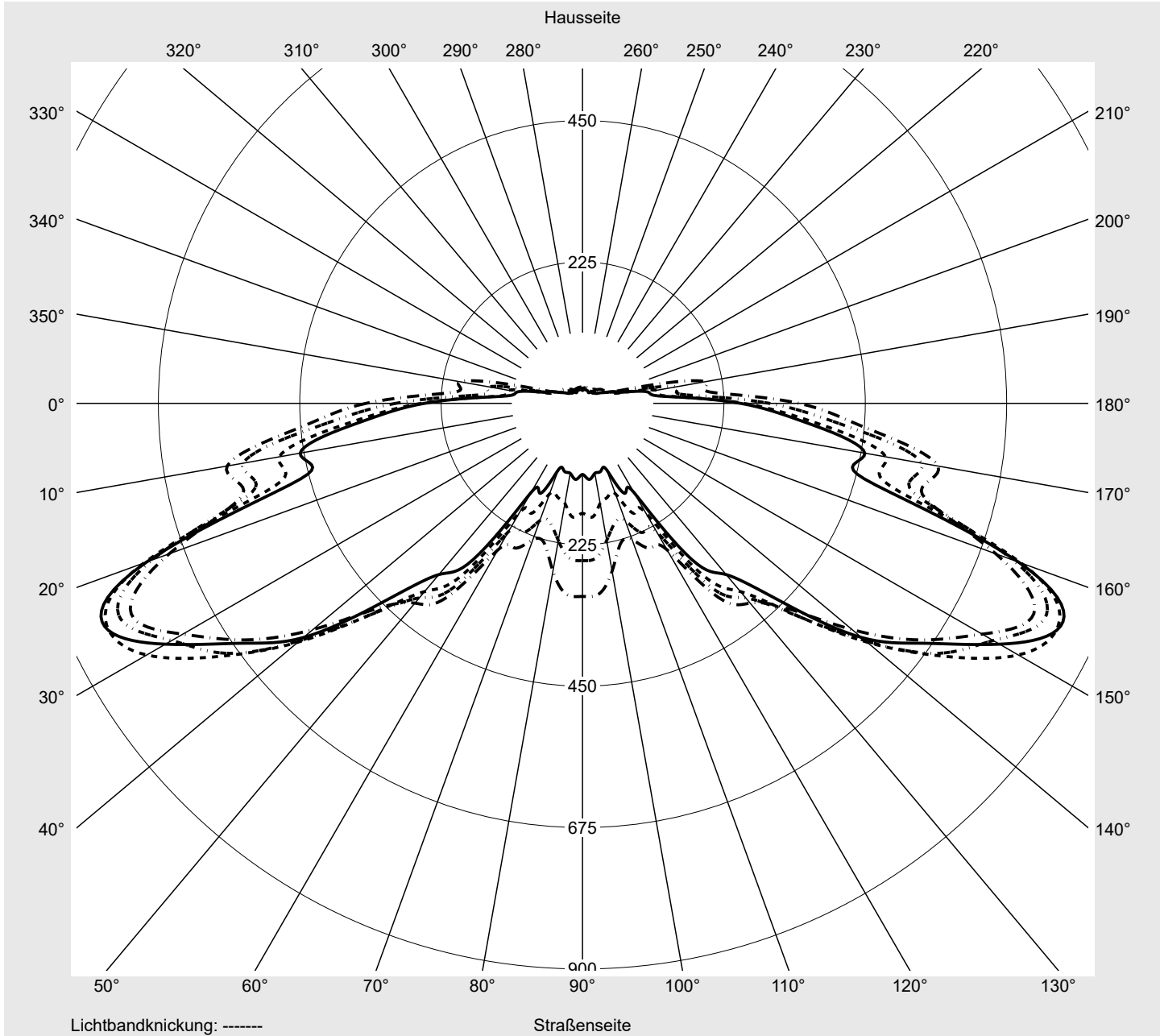
Messbedingungen

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.: 5XA5245EF14HP EAN: 4058352834510	LP-Nummer 58716_18
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.: 5XA5245EF14HP EAN: 4058352834510	LP-Nummer 58716_18
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.: 5XA5245EF14HP EAN: 4058352834510	LP-Nummer 58716_18
		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.: 5XA5245EF14HP EAN: 4058352834510	LP-Nummer 58716_18
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	4240	33.6	35.9	34.8
95	241	252	4023	31.3	33.5	32.4
90	229	250	3823	29.4	31.4	30.4
85	216	248	3606	27.3	29.2	28.2
80	203	246	3389	25.4	27.1	26.2
75	190	243	3172	23.5	25.1	24.3
70	178	241	2971	21.9	23.3	22.6
65	165	238	2754	20.1	21.4	20.8
60	152	235	2537	18.4	19.5	19.0
55	140	232	2337	16.8	17.9	17.4
50	127	229	2120	15.2	16.2	15.7
45	114	225	1903	13.7	14.5	14.1
40	102	221	1703	12.2	13.0	12.6
35	89	216	1486	10.7	11.3	11.0
30	76	210	1269	9.2	9.7	9.4
25	63	203	1052	7.8	8.2	8.0
20	51	195	851	6.6	6.9	6.8
15	38	184	634	5.2	5.5	5.4
11	28	173	467	4.1	4.4	4.2