

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5245FF14HP
EAN: 4058352834534

LP-Nummer
58717_18



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 4210 lm
 Systemleistung = 33.6 W
 Lichtausbeute = 125.3 lm/W

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

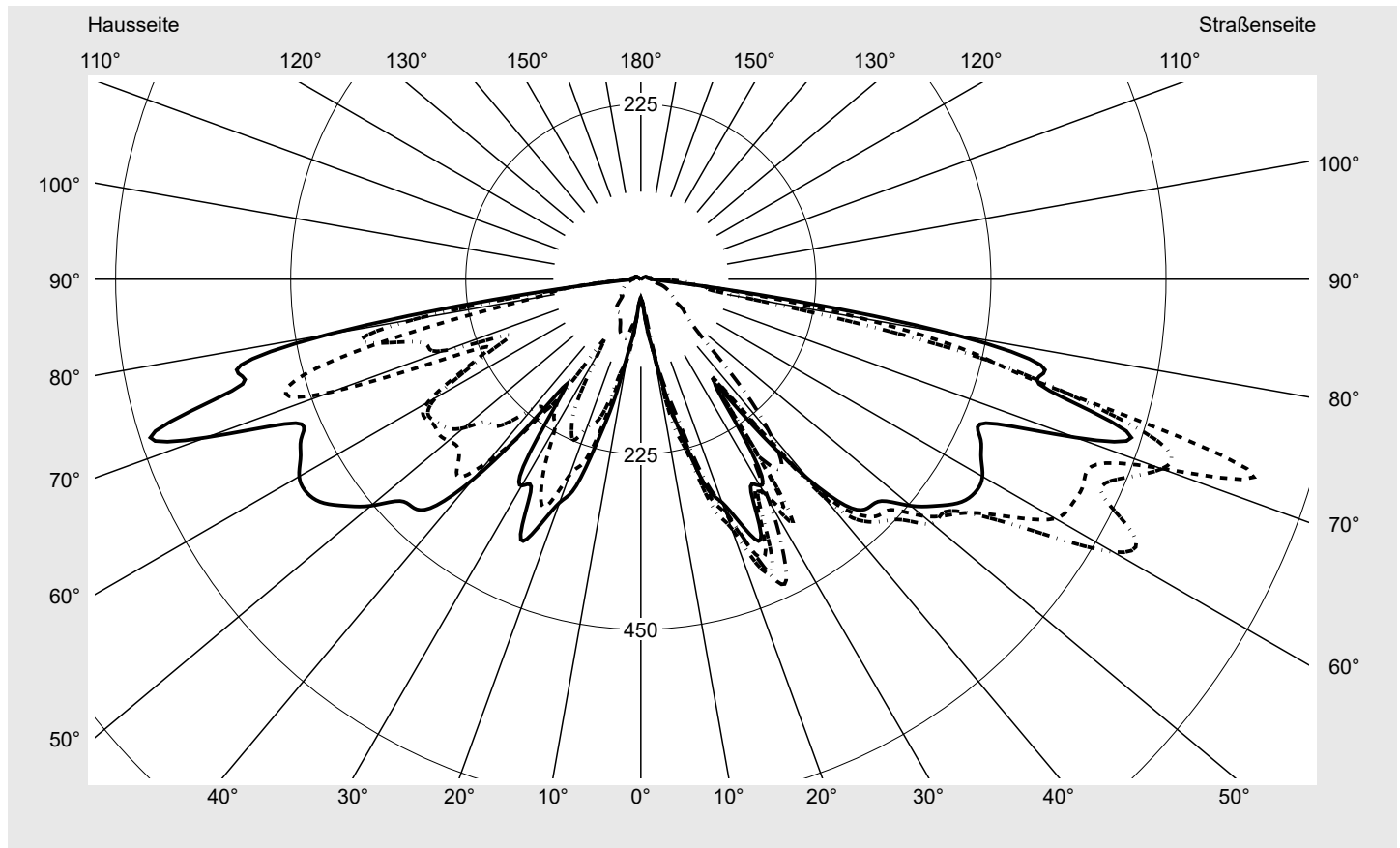
C180-0

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

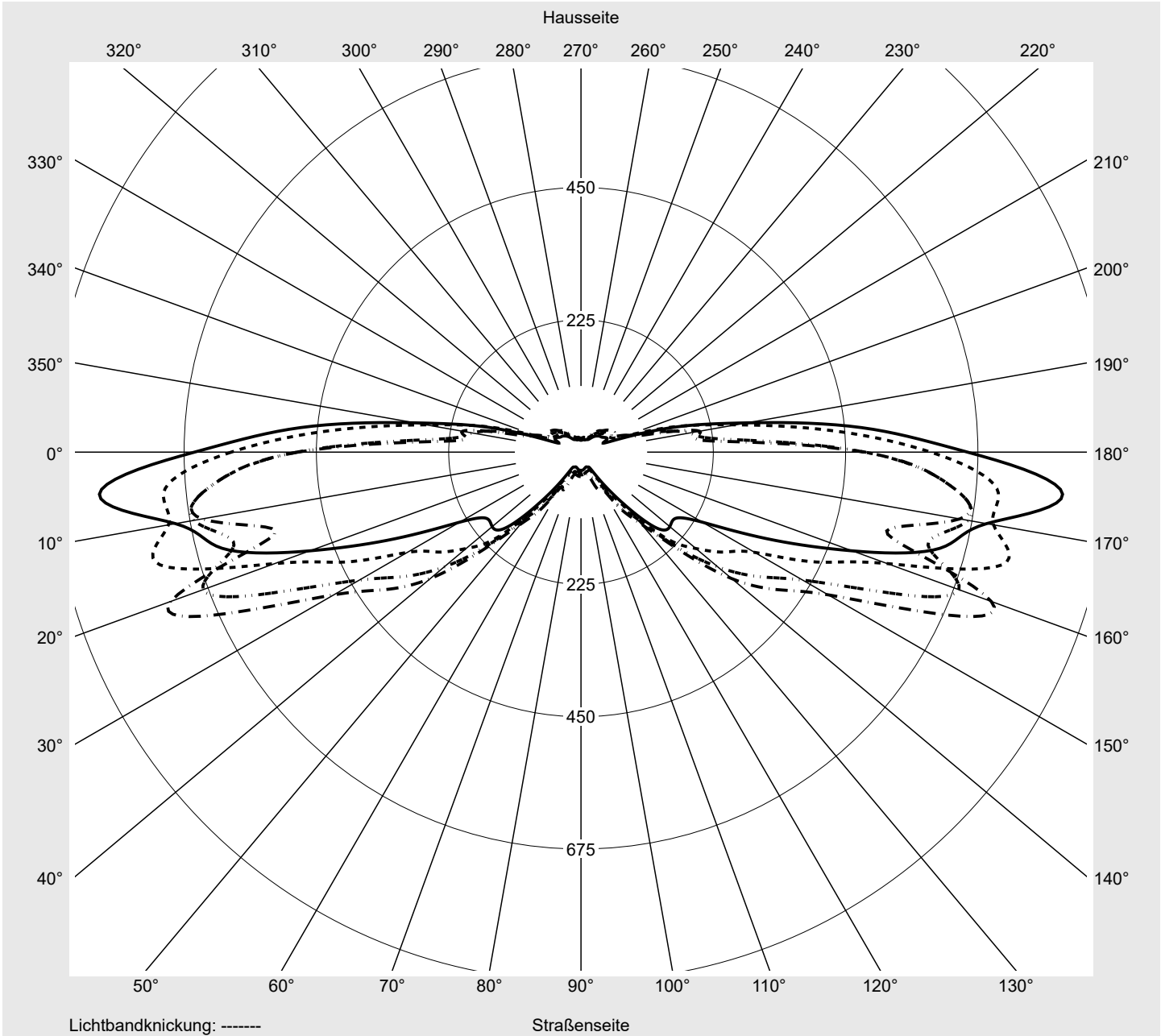
Messbedingungen

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.: 5XA5245FF14HP EAN: 4058352834534	LP-Nummer 58717_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°	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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		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°	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.: 5XA5245FF14HP EAN: 4058352834534	LP-Nummer 58717_18
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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.: 5XA5245FF14HP EAN: 4058352834534	LP-Nummer 58717_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°	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.: 5XA5245FF14HP EAN: 4058352834534	LP-Nummer 58717_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	4210	33.6	35.9	34.8
95	241	252	3995	31.3	33.5	32.4
90	229	250	3796	29.4	31.4	30.4
85	216	248	3580	27.3	29.2	28.2
80	203	246	3365	25.4	27.1	26.2
75	190	243	3149	23.5	25.1	24.3
70	178	241	2950	21.9	23.3	22.6
65	165	238	2735	20.1	21.4	20.8
60	152	235	2519	18.4	19.5	19.0
55	140	232	2320	16.8	17.9	17.4
50	127	229	2105	15.2	16.2	15.7
45	114	225	1890	13.7	14.5	14.1
40	102	221	1691	12.2	13.0	12.6
35	89	216	1475	10.7	11.3	11.0
30	76	210	1260	9.2	9.7	9.4
25	63	203	1044	7.8	8.2	8.0
20	51	195	845	6.6	6.9	6.8
15	38	184	630	5.2	5.5	5.4
11	28	173	464	4.1	4.4	4.2