

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5245NF14HP
EAN: 4058352834695

LP-Nummer
58717_21



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2700 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 3780 lm
 Systemleistung = 33.6 W
 Lichtausbeute = 112.5 lm/W

Seriendokumentation
04.11.2022

siteco

Lichtstärke in cd/klm

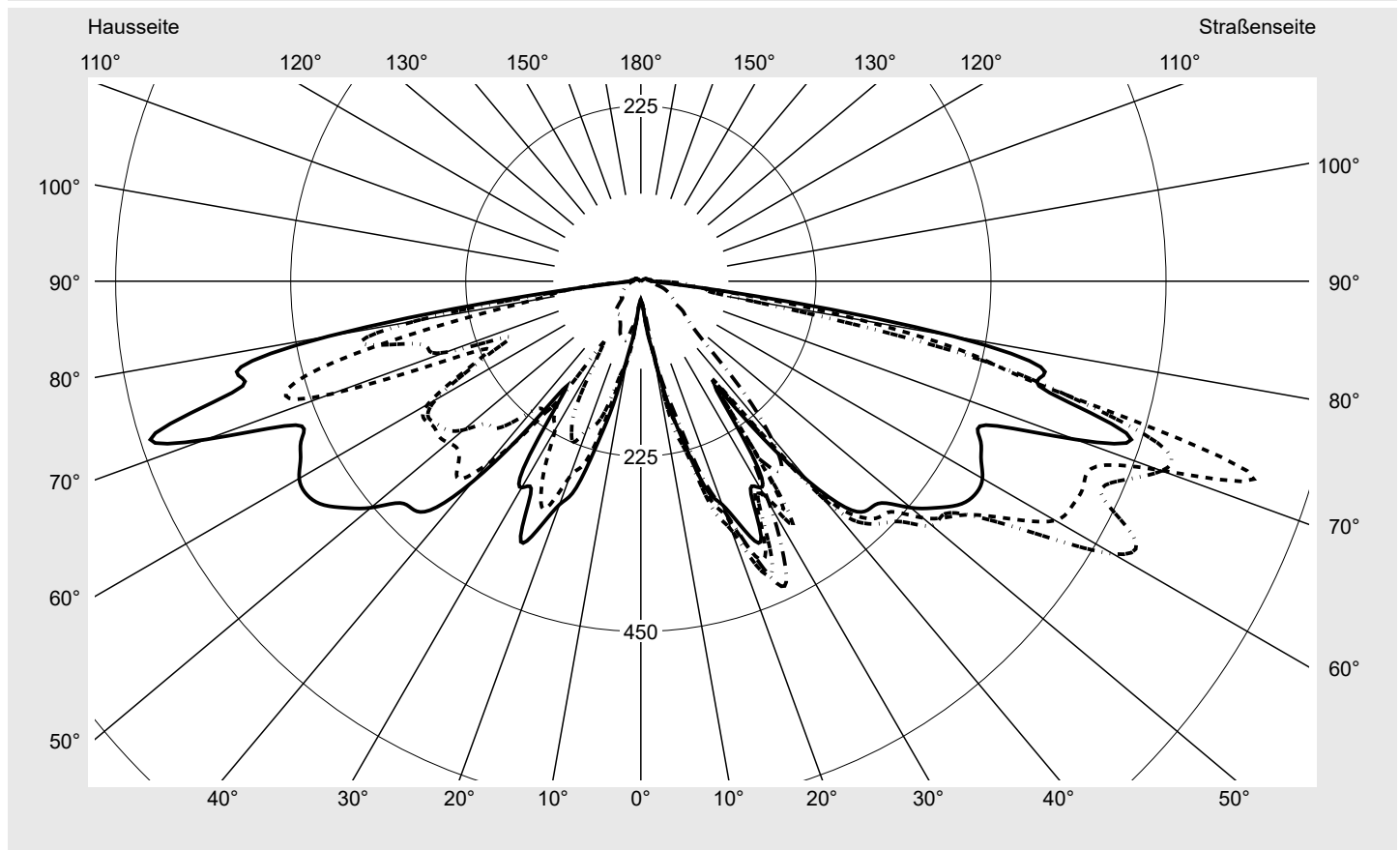
C180-0

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

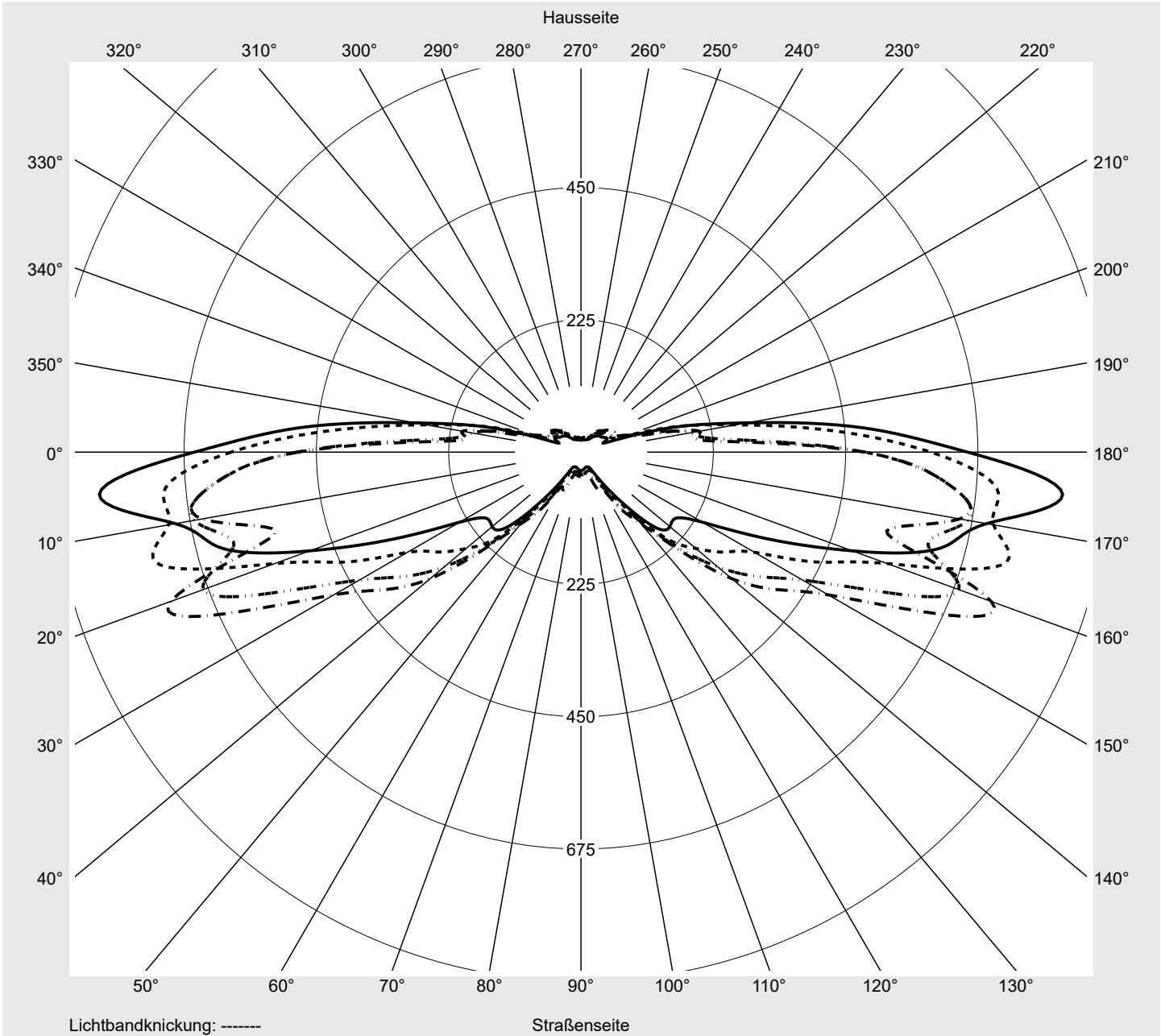
Messbedingungen

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.: 5XA5245NF14HP EAN: 4058352834695	LP-Nummer 58717_21
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.: 5XA5245NF14HP EAN: 4058352834695	LP-Nummer 58717_21
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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.: 5XA5245NF14HP EAN: 4058352834695	LP-Nummer 58717_21
		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.: 5XA5245NF14HP EAN: 4058352834695	LP-Nummer 58717_21
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	3780	33.6	35.9	34.8
95	241	252	3587	31.3	33.5	32.4
90	229	250	3408	29.4	31.4	30.4
85	216	248	3214	27.3	29.2	28.2
80	203	246	3021	25.4	27.1	26.2
75	190	243	2828	23.5	25.1	24.3
70	178	241	2649	21.9	23.3	22.6
65	165	238	2456	20.1	21.4	20.8
60	152	235	2262	18.4	19.5	19.0
55	140	232	2083	16.8	17.9	17.4
50	127	229	1890	15.2	16.2	15.7
45	114	225	1697	13.6	14.5	14.0
40	102	221	1518	12.2	13.0	12.6
35	89	216	1324	10.7	11.3	11.0
30	76	210	1131	9.2	9.7	9.4
25	63	203	938	7.8	8.2	8.0
20	51	195	759	6.6	6.9	6.8
15	38	184	566	5.2	5.5	5.4
11	28	173	417	4.1	4.4	4.2