

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: **5XA5245LF14H + 5XA54000XS**
EAN: **4058352834596 + 4050737730073**

LP-Nummer
59286_19



Ausführung Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, strukturiert
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 4000 K | CRI \geq 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1290 lm
Systemleistung = 10.0 W
Lichtausbeute = 129 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

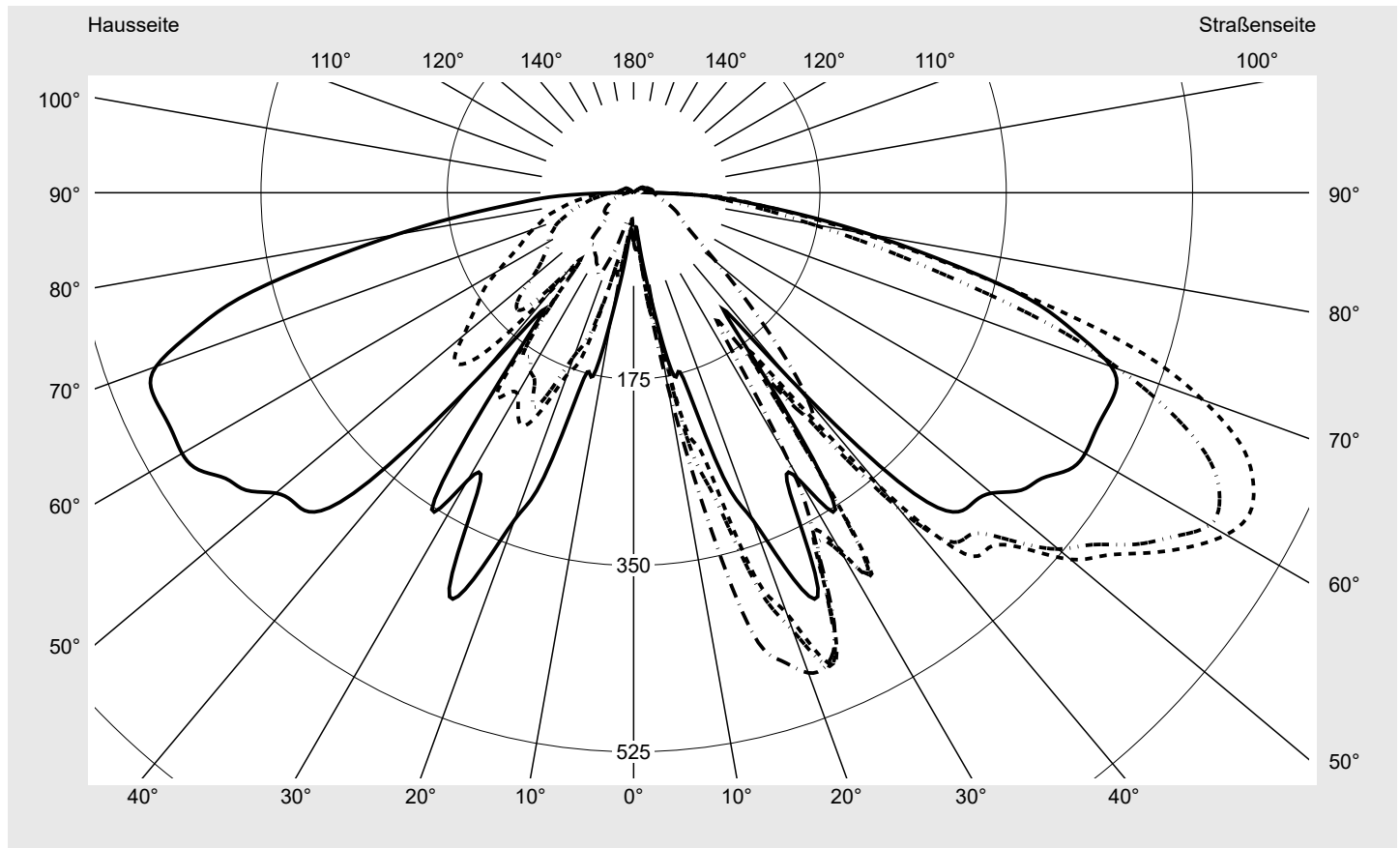
C180-0

C195-15

C200-20

C270-90

Imax: **652 cd/klm**



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	95.9%
Eta 90° - 180°	4.1%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	617.0
Imax 80°	254.1
Imax 90°	21.9
Imax >90°	18.4
Imax >95°	17.8

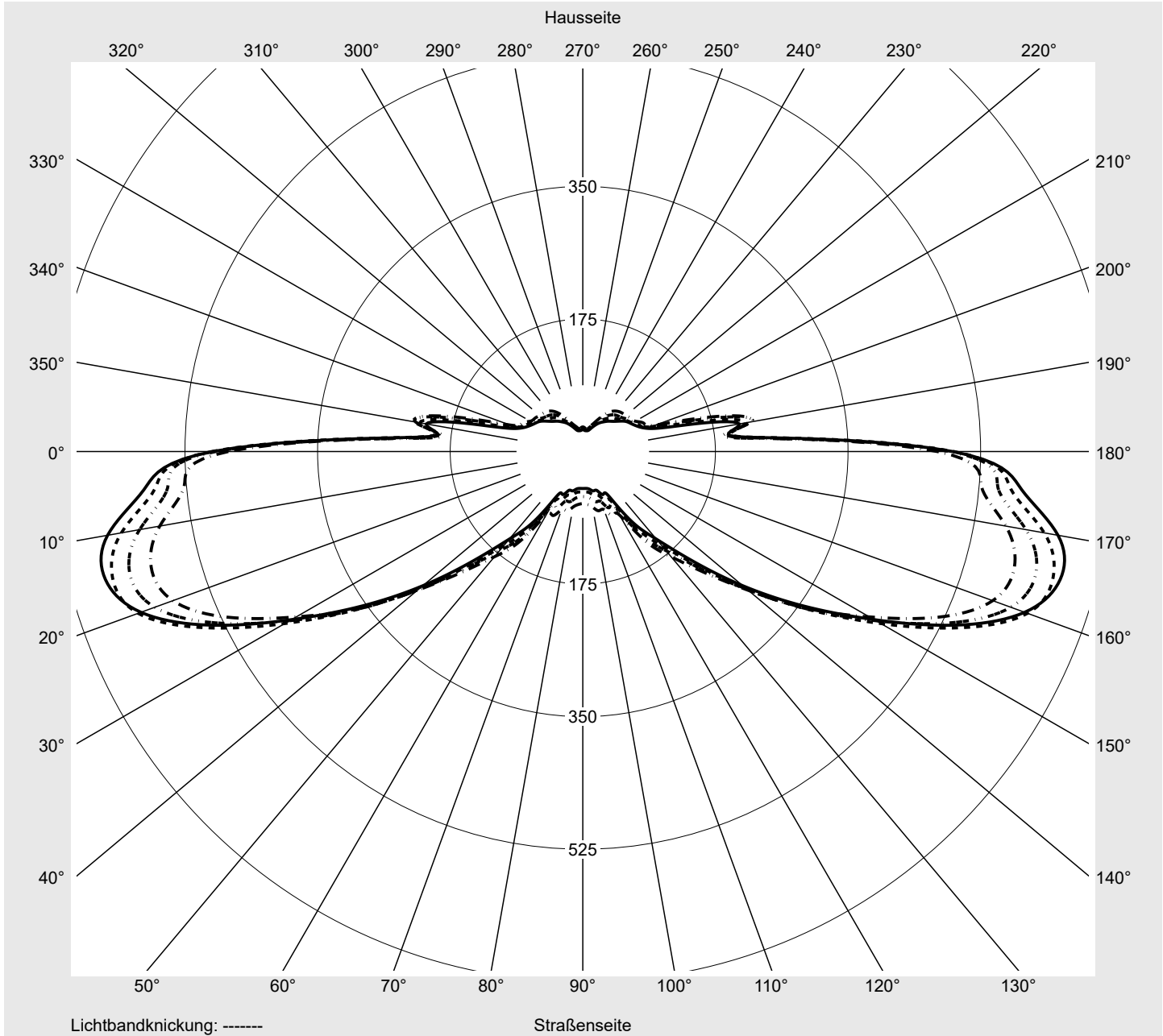
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 62,5°** **KMK 60°** **KMK 57,5°** **KMK 55°** **siteco**



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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°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2,5°	37.7	37.7	38.0	38.4	38.8	39.7	40.8	42.5	45.3	48.0	49.8	50.9	51.7
5,0°	36.7	36.8	37.0	37.3	38.1	40.0	42.3	44.4	47.3	49.2	50.3	51.0	50.6
7,5°	69.1	80.4	90.8	99.9	108.1	116.8	123.2	130.2	134.3	134.7	130.0	119.6	101.3
10,0°	117.6	123.7	124.4	128.7	136.5	145.5	153.0	161.9	172.2	183.0	190.4	203.1	215.5
12,5°	176.4	200.2	219.0	226.7	244.0	257.9	273.2	279.5	292.2	300.9	302.3	280.0	283.8
15,0°	180.5	207.1	231.4	260.0	298.3	320.6	322.9	331.1	333.5	371.7	383.2	384.1	359.6
17,5°	280.0	306.9	353.6	376.0	389.2	400.8	392.2	358.7	385.2	398.3	445.0	447.3	436.4
20,0°	326.8	368.6	388.8	420.3	437.9	451.2	454.7	443.3	441.8	446.4	485.3	469.2	455.7
22,5°	392.9	429.8	458.9	478.3	481.3	474.6	462.5	436.0	431.3	435.8	475.1	453.4	442.2
25,0°	409.8	430.1	442.4	442.9	438.8	432.7	414.9	386.3	374.5	380.1	413.5	392.3	383.3
27,5°	318.4	342.8	359.6	365.6	374.3	378.5	359.5	336.5	321.7	323.9	349.2	327.5	314.9
30,0°	312.1	346.8	373.7	386.2	392.1	392.7	374.3	344.7	322.4	315.6	323.6	285.1	257.8
32,5°	352.8	388.5	407.8	406.7	398.3	386.8	352.9	311.0	289.9	288.0	293.7	271.9	253.1
35,0°	243.2	228.2	216.4	205.9	207.5	216.9	215.8	209.9	219.1	237.0	249.0	249.7	242.8
37,5°	138.2	169.3	200.3	224.2	259.1	287.1	292.0	276.4	257.3	258.5	246.8	221.2	209.7
40,0°	228.4	282.2	330.3	362.5	387.4	388.3	364.6	329.4	295.3	280.8	258.4	221.1	199.7
42,5°	367.6	413.3	446.1	459.8	445.3	419.4	383.7	344.2	312.5	285.5	258.1	223.3	191.3
45,0°	424.0	462.2	476.0	471.5	452.4	427.4	395.5	353.7	315.9	287.8	254.4	216.5	177.3
47,5°	431.6	465.2	485.2	493.1	484.4	458.3	414.6	359.6	309.1	275.0	238.2	201.0	153.2
50,0°	438.9	486.3	519.4	535.8	520.7	482.8	428.9	357.5	295.5	255.1	214.3	181.4	132.2
52,5°	458.9	511.6	545.5	559.3	543.0	494.7	429.5	357.9	285.5	236.4	195.0	161.3	110.1
55,0°	467.8	528.1	566.9	589.7	575.7	517.5	436.6	361.1	285.1	225.1	181.3	144.5	96.6
57,5°	484.4	550.0	593.9	619.1	601.1	535.1	446.8	362.8	284.3	217.6	170.8	134.5	83.1
60,0°	489.7	567.0	618.4	642.6	624.5	550.4	454.3	363.6	283.0	212.1	162.1	123.7	76.5
62,5°	488.1	581.6	636.8	652.3	620.5	542.4	443.8	355.5	275.7	203.7	151.0	113.1	66.8
65,0°	488.4	591.7	644.8	642.0	597.8	517.1	422.8	337.0	263.8	193.9	140.2	102.2	61.5
67,5°	489.4	603.2	644.7	617.2	551.2	465.2	373.5	300.0	240.3	179.1	127.6	90.2	53.4
70,0°	477.5	584.5	617.0	568.9	487.0	395.8	316.1	252.7	207.9	160.0	113.0	78.7	47.4
72,5°	434.3	537.5	560.7	501.0	407.3	322.5	252.3	201.0	169.1	135.6	97.1	66.9	40.7
75,0°	383.7	456.2	459.9	393.9	310.0	243.3	190.4	153.3	129.6	109.0	81.1	57.1	36.1
77,5°	301.7	355.3	350.6	295.9	234.0	183.6	144.8	117.8	99.5	84.5	65.2	47.2	30.7
80,0°	226.2	254.1	251.0	215.4	170.3	133.9	108.6	89.0	73.9	63.6	51.7	39.5	27.1
82,5°	160.3	178.4	176.7	155.1	126.4	101.2	84.0	68.8	56.4	48.6	40.5	32.5	23.9
85,0°	107.9	120.8	119.8	109.9	91.7	73.7	61.9	52.7	43.9	37.9	32.9	27.6	21.4
87,5°	70.4	81.0	81.9	77.0	65.7	54.7	47.4	40.9	34.9	30.7	27.2	24.1	19.7
90,0°	17.6	19.2	20.6	21.9	21.9	21.3	20.6	20.0	19.3	18.8	18.2	17.6	16.1
92,5°	13.9	15.3	16.3	17.1	17.4	17.5	17.5	17.1	17.0	16.7	16.5	16.3	15.7
95,0°	13.5	14.8	15.6	16.3	16.7	16.9	17.0	16.7	16.5	16.4	16.2	16.1	15.7
97,5°	13.1	14.3	15.0	15.5	16.1	16.4	16.5	16.3	16.1	15.9	15.8	15.7	15.4
100,0°	12.5	13.4	14.1	14.7	15.1	15.5	15.7	15.5	15.3	15.2	15.2	15.2	14.9
102,5°	11.6	12.4	13.2	13.8	14.2	14.5	14.8	14.7	14.5	14.3	14.3	14.4	14.3
105,0°	11.0	11.7	12.4	12.9	13.4	13.8	14.0	14.0	13.8	13.8	13.8	13.8	13.8
107,5°	10.2	10.9	11.6	12.1	12.7	13.1	13.2	13.1	13.1	13.1	13.2	13.3	13.3
110,0°	9.8	10.4	11.1	11.6	12.1	12.5	12.8	12.6	12.5	12.4	12.5	12.6	12.7
112,5°	9.4	10.0	10.6	11.2	11.6	12.0	12.3	12.1	11.9	11.8	11.9	12.1	12.3

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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°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2,5°	52.3	52.7	53.2	53.5	53.5	53.5	37.1	36.7	36.3	35.8	35.2	34.8	34.2
5,0°	50.5	51.1	51.2	52.8	54.0	54.2	36.6	36.4	36.4	36.5	35.9	34.5	33.3
7,5°	92.5	94.8	101.6	95.9	95.4	93.8	58.4	50.7	45.4	40.3	36.7	34.1	32.8
10,0°	197.3	170.2	178.2	188.7	187.8	184.5	111.2	103.2	80.6	75.8	74.9	65.3	52.2
12,5°	274.8	258.2	256.3	290.6	302.6	299.4	123.9	102.8	70.5	62.3	57.3	57.3	70.9
15,0°	349.6	295.1	295.4	373.7	418.1	424.8	145.2	110.1	102.5	99.1	111.4	115.5	119.1
17,5°	438.8	364.9	349.1	422.1	460.5	460.8	210.7	127.9	162.2	143.2	136.2	124.1	108.4
20,0°	457.0	378.0	362.2	440.3	479.8	479.9	237.1	141.7	181.3	163.0	148.6	130.7	113.7
22,5°	444.4	372.2	359.4	437.0	476.9	477.7	330.0	158.1	215.0	196.4	162.3	137.5	120.3
25,0°	396.8	342.9	334.2	406.9	443.4	445.6	315.2	169.9	241.3	222.4	180.9	145.8	125.3
27,5°	333.0	291.9	284.1	342.4	368.5	370.4	246.1	123.0	235.0	201.3	166.8	135.7	122.0
30,0°	251.4	224.6	220.6	260.4	285.7	291.8	221.5	103.7	218.4	193.5	160.7	132.9	118.6
32,5°	224.0	182.5	172.4	177.8	161.0	151.7	251.9	110.6	224.8	182.5	146.1	118.5	107.2
35,0°	206.1	149.1	155.8	187.6	187.9	185.0	205.3	111.4	211.6	175.1	135.4	96.5	78.4
37,5°	187.7	138.3	178.6	241.1	260.0	264.0	105.0	77.7	91.5	90.6	75.1	61.2	53.0
40,0°	190.3	163.9	202.4	247.0	254.7	255.4	154.6	99.0	116.6	94.6	62.7	61.2	66.6
42,5°	183.2	155.3	192.6	215.2	212.5	212.3	240.5	140.2	194.4	141.3	85.4	85.5	86.8
45,0°	165.1	146.5	168.5	175.0	169.0	166.9	261.6	174.9	227.7	154.6	97.5	98.3	94.4
47,5°	146.1	126.1	143.6	140.9	133.6	130.9	247.8	200.2	228.0	145.8	98.9	98.7	94.0
50,0°	124.3	109.3	117.4	111.3	104.7	102.4	225.7	213.2	208.5	125.7	93.6	91.2	87.8
52,5°	107.6	93.6	96.9	89.7	84.2	82.2	217.4	223.9	192.0	110.8	90.8	84.0	81.2
55,0°	93.2	81.6	80.9	74.5	70.2	68.8	211.9	223.9	177.2	102.4	88.6	80.0	76.9
57,5°	81.9	70.5	68.7	63.5	60.3	59.5	205.1	225.9	165.5	95.8	86.1	77.6	73.5
60,0°	71.4	62.1	60.0	55.6	53.6	53.3	219.0	218.1	147.4	91.9	82.6	75.6	71.1
62,5°	62.7	54.9	53.8	50.5	48.9	48.8	217.4	209.7	131.3	89.7	79.2	73.7	69.3
65,0°	54.7	49.1	48.2	46.2	45.7	45.8	221.0	193.8	118.2	83.4	71.8	69.3	65.7
67,5°	48.2	44.1	43.2	41.7	41.4	41.7	219.9	180.9	109.6	78.8	66.5	63.5	59.1
70,0°	41.6	39.0	38.6	37.6	37.4	37.5	215.6	164.8	100.5	71.2	61.2	58.7	54.4
72,5°	36.2	34.3	33.7	33.0	33.0	33.2	198.6	152.8	91.2	63.6	53.8	51.9	48.0
75,0°	31.7	30.5	30.0	29.3	29.1	29.3	174.4	138.6	84.0	57.2	48.8	46.5	42.9
77,5°	27.3	26.8	26.3	25.8	25.8	26.0	143.9	119.8	72.5	48.1	41.6	39.7	37.2
80,0°	24.1	24.0	23.6	23.4	23.5	23.6	106.5	102.7	62.9	42.5	37.7	35.1	33.8
82,5°	21.9	22.0	21.8	21.7	21.8	21.9	82.1	84.1	52.7	35.6	31.6	30.1	27.8
85,0°	20.5	20.7	20.6	20.6	20.6	20.7	63.6	62.3	42.1	29.8	26.4	24.8	22.7
87,5°	19.6	19.9	19.8	19.8	19.9	19.9	48.0	47.3	33.4	24.7	22.1	21.0	19.2
90,0°	16.9	17.5	17.8	18.2	18.4	18.6	15.0	14.2	13.1	12.3	11.7	11.1	10.7
92,5°	16.3	17.0	17.5	17.8	18.1	18.4	13.0	12.7	12.2	11.7	11.3	10.9	10.3
95,0°	16.3	16.6	17.2	17.6	17.9	18.2	12.7	12.5	12.0	11.5	11.2	11.0	10.4
97,5°	16.0	16.4	16.6	17.2	17.6	17.8	12.4	12.1	11.7	11.2	11.0	10.8	10.4
100,0°	15.4	15.8	16.0	16.3	16.9	17.2	11.8	11.4	11.0	10.6	10.5	10.4	10.0
102,5°	14.7	15.1	15.4	15.6	16.0	16.1	11.0	10.5	10.1	9.9	9.7	9.6	9.2
105,0°	14.2	14.5	14.8	14.9	15.2	14.9	10.4	9.9	9.6	9.3	9.1	9.0	8.7
107,5°	13.5	13.9	14.1	14.3	14.5	14.0	9.7	9.2	8.9	8.5	8.4	8.3	8.0
110,0°	13.0	13.2	13.5	13.8	13.9	13.1	9.3	8.8	8.3	8.1	7.9	7.8	7.5
112,5°	12.5	12.8	13.1	13.3	12.3	7.7	8.9	8.4	8.0	7.7	7.5	7.6	7.2

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	0.1	0.1
2,5°	33.7	33.1	32.7	32.2	31.6	31.0	30.1	29.0	27.5	26.3	25.8	0.5	0.5
5,0°	32.6	32.2	32.8	32.2	31.4	30.6	30.0	29.2	28.6	28.0	28.0	0.9	1.5
7,5°	32.8	32.1	31.0	30.1	30.4	30.2	29.9	29.4	28.8	28.6	28.6	2.6	4.0
10,0°	38.1	32.6	31.4	30.7	29.8	29.4	29.1	28.3	27.5	26.8	26.4	5.2	9.3
12,5°	79.7	75.1	67.7	57.7	47.1	36.5	31.4	28.9	27.6	26.6	26.1	9.7	19.0
15,0°	90.5	78.0	73.4	74.9	71.5	59.0	51.3	39.1	38.2	36.7	34.6	14.5	33.5
17,5°	102.7	92.7	82.5	73.4	62.7	59.5	61.4	54.0	47.1	54.6	54.0	20.5	54.0
20,0°	107.3	93.4	83.2	79.6	75.2	71.3	72.1	60.8	55.1	64.6	67.8	25.7	79.7
22,5°	109.1	95.8	81.4	79.1	79.5	76.6	75.1	71.2	64.7	77.2	83.0	30.2	109.9
25,0°	106.4	90.4	79.2	78.2	82.1	84.7	84.6	74.8	67.3	74.1	77.9	31.4	141.3
27,5°	102.7	89.5	79.4	79.7	83.3	83.2	81.6	73.8	63.4	69.1	75.1	29.4	170.6
30,0°	102.8	86.8	79.2	81.2	84.7	83.3	79.2	71.5	57.8	65.5	70.3	29.7	200.3
32,5°	99.2	98.0	85.7	78.8	76.8	75.7	72.3	67.6	55.5	62.8	67.5	30.0	230.3
35,0°	78.7	84.1	83.2	78.8	77.7	75.1	70.8	65.5	55.0	59.3	63.6	24.9	255.2
37,5°	47.0	51.5	62.1	73.7	76.8	73.4	69.9	63.5	55.4	56.9	61.8	25.0	280.2
40,0°	51.1	38.7	34.5	47.4	62.0	65.2	64.6	60.1	54.4	56.8	62.8	31.0	311.2
42,5°	75.5	60.7	43.6	36.4	37.2	44.8	52.7	53.3	49.6	50.9	56.4	36.6	347.9
45,0°	88.1	79.3	63.5	48.0	39.8	36.9	36.7	37.1	38.0	38.6	41.2	39.1	386.9
47,5°	90.7	84.9	76.7	61.7	50.9	41.6	34.7	31.4	30.0	32.2	34.1	40.4	427.3
50,0°	86.6	83.3	78.6	68.2	55.0	44.4	37.8	34.0	29.5	29.6	31.2	41.3	468.6
52,5°	80.4	78.9	75.9	69.0	56.4	45.7	37.6	32.4	29.5	30.3	32.2	42.0	510.6
55,0°	74.1	72.4	69.6	64.3	55.5	46.0	38.5	34.0	30.7	31.3	32.7	43.1	553.7
57,5°	69.1	66.2	63.3	58.0	51.6	44.4	37.4	32.8	29.7	31.2	32.5	44.2	597.9
60,0°	65.7	61.7	58.2	52.9	47.1	40.9	35.2	31.1	28.5	30.1	30.8	45.3	643.2
62,5°	62.4	56.4	52.3	47.9	43.6	38.4	33.1	29.0	27.9	27.9	28.9	45.5	688.6
65,0°	58.6	51.7	47.0	42.8	39.5	35.5	30.7	27.1	26.5	25.8	26.1	44.8	733.4
67,5°	53.5	47.7	42.5	38.5	35.8	32.4	28.2	24.6	25.4	23.6	24.1	43.0	776.5
70,0°	48.5	42.4	37.7	34.2	32.2	29.2	25.3	22.8	23.3	21.7	21.8	39.9	816.4
72,5°	42.8	37.8	33.7	30.5	28.5	25.9	22.1	20.4	20.9	19.4	19.6	35.3	851.7
75,0°	37.5	32.9	29.4	26.3	24.9	22.8	19.4	18.9	18.6	17.2	17.2	29.6	881.2
77,5°	33.2	29.0	26.0	23.4	21.9	19.8	16.4	16.6	16.0	14.9	14.8	23.7	904.9
80,0°	29.4	25.3	22.4	20.3	18.6	16.7	13.8	14.2	13.4	12.5	12.1	18.4	923.3
82,5°	24.4	21.3	19.5	17.8	16.2	14.3	11.6	12.1	11.2	10.2	9.9	14.2	937.5
85,0°	20.5	18.1	16.3	14.8	13.5	12.0	9.7	10.0	9.1	8.5	8.1	10.8	948.3
87,5°	17.2	15.2	13.5	12.6	11.1	9.9	8.3	8.4	7.7	7.1	6.7	8.3	956.6
90,0°	10.2	9.6	9.1	8.6	7.9	7.0	6.4	6.3	6.0	5.6	5.3	3.9	960.5
92,5°	9.7	9.1	8.4	7.8	7.3	6.5	6.1	6.1	5.9	5.6	5.6	3.6	964.1
95,0°	9.8	9.2	8.5	8.2	7.6	6.9	6.3	6.4	6.1	6.0	5.9	3.5	967.6
97,5°	9.7	9.0	8.6	8.2	7.7	7.0	6.6	6.2	6.2	6.1	6.0	3.4	971.0
100,0°	9.3	8.9	8.5	8.1	7.6	6.9	6.6	6.3	6.0	6.1	6.0	3.3	974.3
102,5°	8.7	8.3	7.9	7.5	7.0	6.6	6.1	6.0	5.6	5.5	5.6	3.0	977.3
105,0°	8.3	7.8	7.4	7.0	6.6	6.1	5.6	5.5	5.2	4.8	4.9	2.8	980.2
107,5°	7.5	7.2	6.8	6.4	6.0	5.5	5.1	4.9	4.5	4.2	4.3	2.6	982.8
110,0°	7.1	6.7	6.3	5.9	5.5	4.9	4.5	4.4	4.1	3.9	3.5	2.4	985.2
112,5°	6.8	6.3	5.9	5.6	5.2	4.8	4.4	4.1	4.0	3.3	2.4	2.3	987.5

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245LF14H + 5XA54000XS EAN: 4058352834596 + 4050737730073	LP-Nummer 59286_19
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°	9.2	9.7	10.3	10.7	11.2	11.5	11.8	11.6	11.4	11.4	11.5	11.7	11.9
117,5°	8.7	9.3	9.8	10.3	10.7	11.1	11.3	11.1	10.9	10.9	11.1	11.3	11.5
120,0°	8.5	9.0	9.5	9.9	10.2	10.6	10.7	10.5	10.4	10.4	10.7	10.9	11.1
122,5°	8.0	8.6	9.1	9.4	9.7	10.1	10.3	10.0	9.9	10.0	10.3	10.4	10.6
125,0°	6.4	6.8	7.1	7.4	7.6	7.9	8.0	7.8	7.8	7.8	8.0	8.1	8.3
127,5°	4.5	4.7	4.9	5.0	5.1	5.3	5.3	5.3	5.2	5.2	5.2	5.3	5.4
130,0°	3.4	3.5	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.6	3.6
132,5°	2.9	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0
135,0°	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.5	2.5
137,5°	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9
140,0°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3
142,5°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
145,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.6
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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.: 5XA5245LF14H + 5XA54000XS EAN: 4058352834596 + 4050737730073	LP-Nummer 59286_19
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												
115,0°	12.1	12.4	12.6	12.8	10.5	4.6	8.7	8.1	7.7	7.4	7.3	7.3	7.0
117,5°	11.7	11.9	12.1	12.3	9.2	4.3	8.3	7.8	7.3	7.0	6.9	7.0	6.7
120,0°	11.2	11.4	11.6	11.7	7.8	3.4	8.0	7.5	7.1	6.7	6.7	6.8	6.4
122,5°	10.8	11.0	11.1	11.2	6.9	3.0	7.6	7.2	6.8	6.4	6.2	6.4	6.1
125,0°	8.5	8.7	8.8	8.7	5.4	2.7	6.0	5.6	5.3	5.1	4.9	5.0	4.8
127,5°	5.5	5.6	5.6	5.6	3.5	1.9	4.2	4.0	3.8	3.7	3.6	3.5	3.5
130,0°	3.7	3.7	3.7	3.4	2.3	1.5	3.2	3.1	3.0	3.0	2.8	2.7	2.8
132,5°	3.1	3.1	3.1	2.7	1.9	1.3	2.8	2.7	2.6	2.6	2.5	2.5	2.5
135,0°	2.5	2.5	2.5	2.1	1.6	1.2	2.4	2.4	2.3	2.2	2.1	2.1	2.1
137,5°	1.9	1.9	1.9	1.6	1.1	1.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8
140,0°	1.3	1.3	1.3	1.1	0.9	0.8	1.5	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	0.9	0.9	0.8	0.8	0.6	0.6	1.0	1.0	1.1	1.1	1.1	1.1	1.1
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	1.0	1.0
147,5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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.: 5XA5245LF14H + 5XA54000XS EAN: 4058352834596 + 4050737730073	LP-Nummer 59286_19
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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	
115,0°	6.6	6.1	5.8	5.4	5.1	4.7	4.3	4.0	3.8	3.1	1.9	2.1	989.6
117,5°	6.2	5.9	5.5	5.2	4.8	4.5	4.1	3.8	3.5	2.7	1.9	2.0	991.6
120,0°	6.1	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.4	2.4	1.8	1.9	993.5
122,5°	5.8	5.4	5.1	4.8	4.6	4.2	3.9	3.6	3.2	2.3	1.7	1.7	995.2
125,0°	4.5	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.5	1.9	1.6	1.3	996.6
127,5°	3.3	3.2	3.1	2.8	2.7	2.6	2.5	2.3	2.0	1.6	1.4	0.9	997.4
130,0°	2.7	2.6	2.6	2.5	2.4	2.3	2.1	2.0	1.7	1.5	1.4	0.6	998.1
132,5°	2.4	2.4	2.3	2.3	2.2	2.1	2.0	1.9	1.6	1.5	1.3	0.5	998.6
135,0°	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.5	1.3	1.2	0.4	999.0
137,5°	1.8	1.7	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	0.3	999.3
140,0°	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.0	1.0	0.2	999.6
142,5°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	999.9
147,5°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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.: 5XA5245LF14H + 5XA54000XS EAN: 4058352834596 + 4050737730073	LP-Nummer 59286_19
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	1290	10.0	10.4	10.2
95	241	252	1224	9.5	9.9	9.7
90	229	250	1163	9.0	9.3	9.2
85	216	248	1097	8.5	8.8	8.6
80	203	246	1031	8.0	8.3	8.2
75	190	243	965	7.6	7.7	7.6
70	178	241	904	7.1	7.3	7.2
65	165	238	838	6.6	6.8	6.7
60	152	235	772	6.1	6.4	6.2
55	140	232	711	5.7	5.9	5.8
50	127	229	645	5.3	5.5	5.4
45	114	225	579	4.8	5.0	4.9
40	102	221	518	4.4	4.6	4.5
35	89	216	452	4.0	4.1	4.0
30	76	210	386	3.6	3.7	3.6
30	75	209	381	3.5	3.7	3.6