

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5245FF14H + 5XA54000XS
EAN: 4058352635858 + 4050737730073

LP-Nummer
59286_18



Ausführung Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, strukturiert

Optik asymmetrisch, extrem breit strahlend (P1.0a)

Abdeckung Abdeckung klar, PMMA

Bestückung LED 3000 K | CRI ≥ 70

Betriebsgerät EVG SITECO iQ

Bemessungswerte Nettolichtstrom = 1280 lm
Systemleistung = 10.5 W
Lichtausbeute = 121.9 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

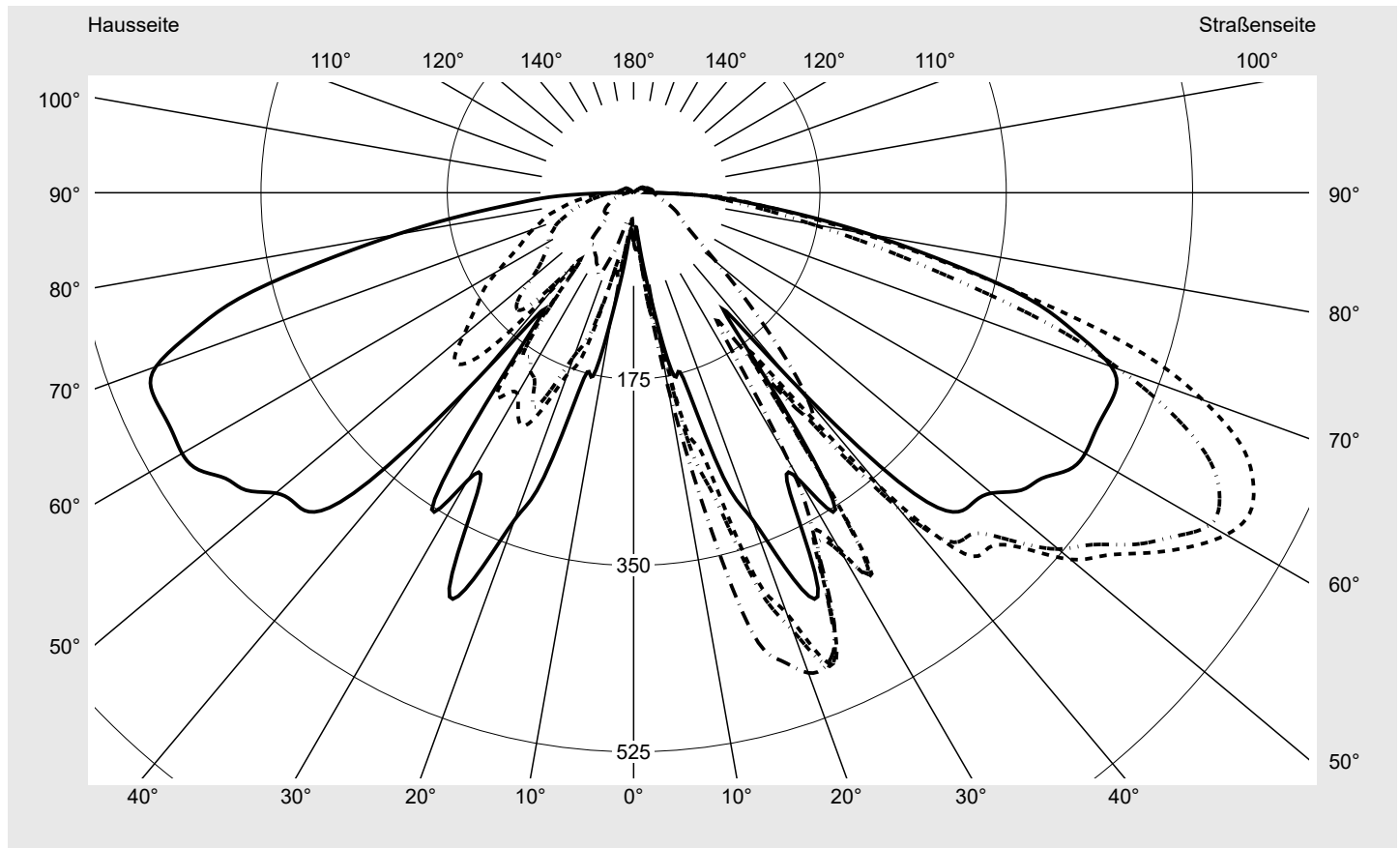
C180-0

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

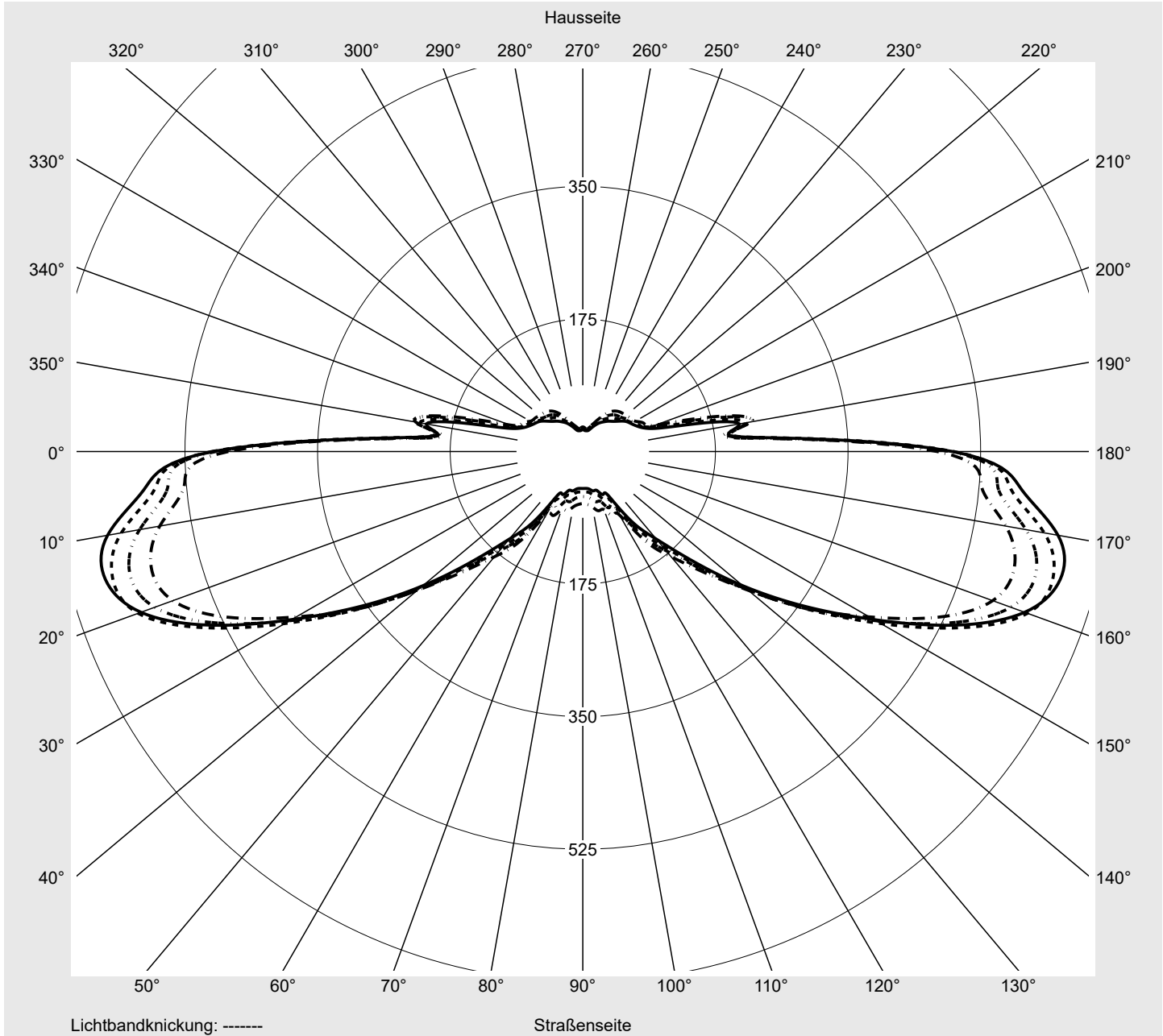
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245FF14H + 5XA54000XS EAN: 4058352635858 + 4050737730073	LP-Nummer 59286_18
--	--	-------------------------------------

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



Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245FF14H + 5XA54000XS EAN: 4058352635858 + 4050737730073	LP-Nummer 59286_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°	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

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245FF14H + 5XA54000XS EAN: 4058352635858 + 4050737730073	LP-Nummer 59286_18
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

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245FF14H + 5XA54000XS EAN: 4058352635858 + 4050737730073	LP-Nummer 59286_18
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.: 5XA5245FF14H + 5XA54000XS EAN: 4058352635858 + 4050737730073	LP-Nummer 59286_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°	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.: 5XA5245FF14H + 5XA54000XS EAN: 4058352635858 + 4050737730073	LP-Nummer 59286_18
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.: 5XA5245FF14H + 5XA54000XS EAN: 4058352635858 + 4050737730073	LP-Nummer 59286_18
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.: 5XA5245FF14H + 5XA54000XS EAN: 4058352635858 + 4050737730073	LP-Nummer 59286_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	1280	10.5	10.8	10.6
95	241	252	1214	10.0	10.3	10.2
90	229	250	1154	9.4	9.8	9.6
85	216	248	1089	8.9	9.2	9.0
80	203	246	1023	8.3	8.7	8.5
75	190	243	957	7.8	8.1	8.0
70	178	241	897	7.3	7.6	7.4
65	165	238	831	6.9	7.1	7.0
60	152	235	766	6.4	6.6	6.5
55	140	232	706	5.9	6.1	6.0
50	127	229	640	5.4	5.6	5.5
45	114	225	574	5.0	5.2	5.1
40	102	221	514	4.6	4.7	4.6
35	89	216	449	4.1	4.3	4.2
30	76	210	383	3.7	3.8	3.8
28	72	208	363	3.5	3.7	3.6