

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255BF14H**
EAN: **4058352833421**

LP-Nummer
57122_31



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik direkt, asymmetrisch extrem breit strahlend P100008
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2200 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1510 lm
Systemleistung = 12.9 W
Lichtausbeute = 117.1 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

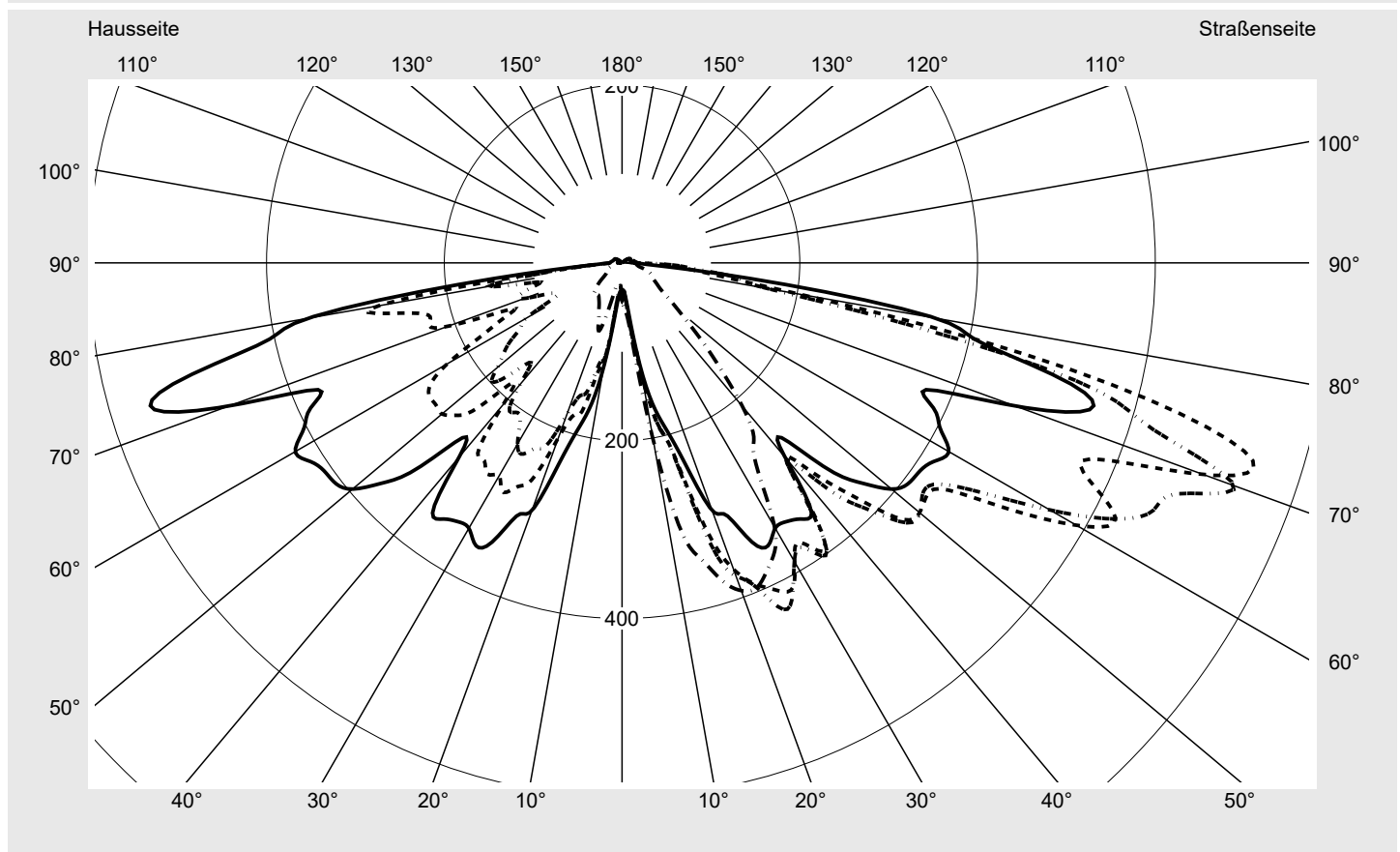
C180-0

C190-10

C195-15

C270-90

Imax: 745 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	96.2%
Eta 90° - 180°	3.8%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	733.1
Imax 80°	358.5
Imax 90°	16.7
Imax >90°	14.8
Imax >95°	14.2

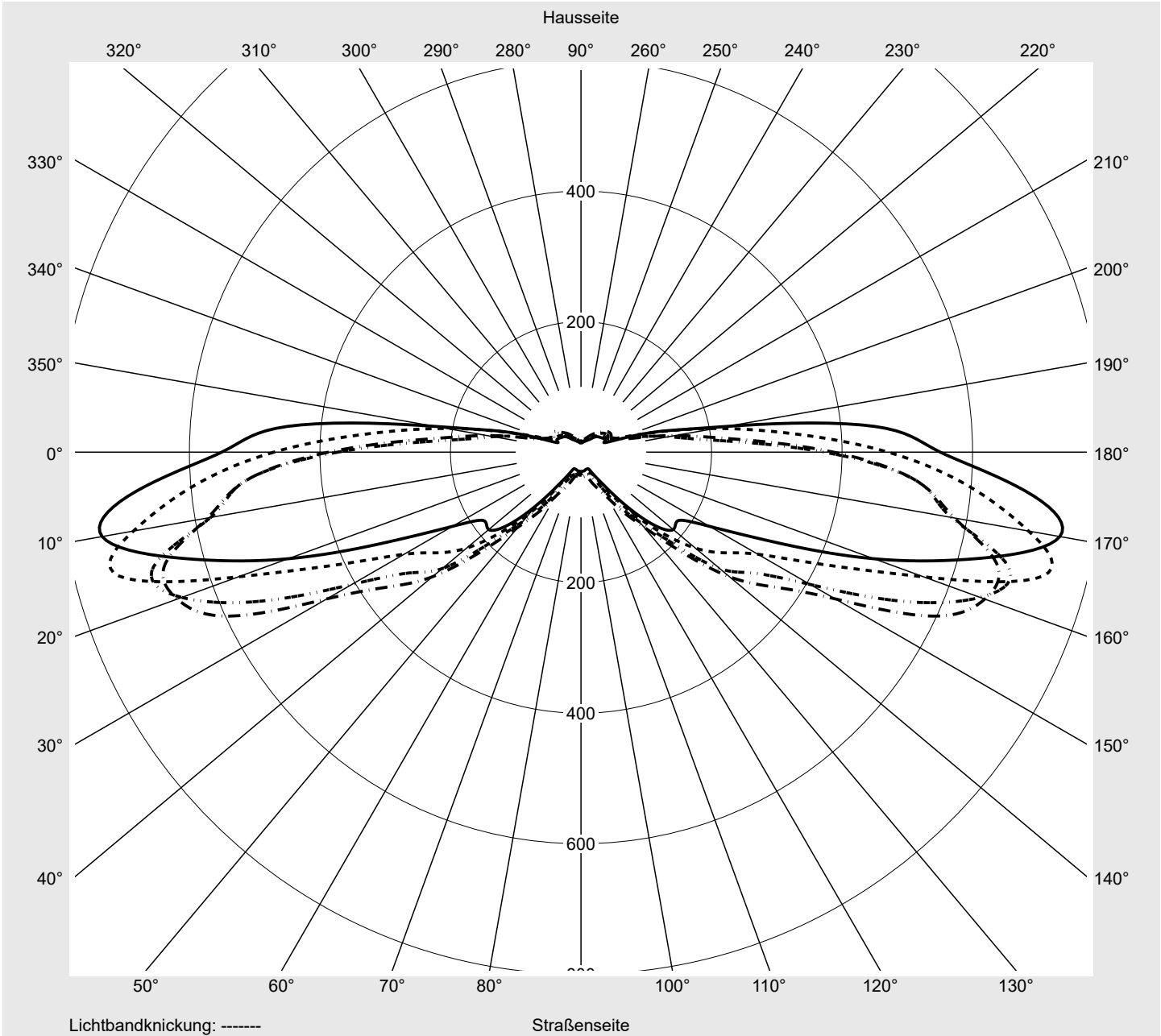
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255BF14H EAN: 4058352833421	LP-Nummer 57122_31
--------------------------------------	---	-------------------------------------

Kegelmantelkurven in cd/klm **KMK 72,5°** **KMK 70°** **KMK 67,5°** **KMK 65°** **siteco**



Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255BF14H EAN: 4058352833421	LP-Nummer 57122_31
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°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
2,5°	33.5	33.8	34.1	34.5	34.8	35.4	36.4	37.4	39.3	40.9	43.2	45.4	47.3
5,0°	35.1	35.8	36.4	37.0	37.7	39.9	41.9	44.8	49.0	51.5	53.8	56.0	57.3
7,5°	57.0	64.4	71.5	77.3	82.8	87.9	91.2	94.4	97.3	99.2	99.5	98.9	97.3
10,0°	118.9	123.4	127.9	132.4	137.2	141.4	148.5	157.2	162.3	167.5	173.3	176.2	184.6
12,5°	166.2	169.1	187.5	186.2	198.4	205.8	211.6	220.3	235.8	238.7	251.6	263.8	278.6
15,0°	195.5	219.0	219.7	223.2	265.4	282.5	296.0	311.8	317.3	337.2	345.3	348.5	353.0
17,5°	238.0	256.1	313.4	332.1	362.4	374.3	389.7	386.5	376.5	373.0	372.7	373.6	372.0
20,0°	296.3	334.3	366.9	374.9	379.1	397.5	406.2	418.4	413.9	413.2	395.9	396.2	391.0
22,5°	307.3	359.8	391.0	394.9	408.7	393.9	415.2	403.9	407.5	420.7	403.9	406.8	401.0
25,0°	346.9	374.6	405.5	430.3	412.9	407.5	405.5	405.5	409.7	410.3	409.4	396.8	391.0
27,5°	357.5	382.3	413.9	416.1	410.3	408.7	402.0	403.9	397.8	391.7	388.8	380.7	374.3
30,0°	344.6	365.9	388.4	387.8	385.5	391.3	382.3	385.9	380.4	369.8	364.6	354.6	342.7
32,5°	345.0	360.4	372.7	379.4	382.3	377.2	390.4	392.0	378.5	364.3	351.7	331.8	308.6
35,0°	351.7	385.2	395.9	400.7	391.7	386.8	384.6	368.5	359.5	339.8	317.6	298.9	282.8
37,5°	348.8	360.7	351.7	346.3	354.6	334.0	319.8	318.2	313.1	299.5	290.5	264.4	251.2
40,0°	285.4	279.6	285.4	289.9	283.1	303.7	312.4	310.8	303.4	279.9	256.1	228.7	214.8
42,5°	267.7	288.9	323.7	348.8	357.8	364.9	360.1	342.4	327.2	286.3	250.9	212.6	195.2
45,0°	329.2	351.4	374.9	392.6	398.4	389.7	369.8	349.5	320.5	284.1	237.1	198.7	181.3
47,5°	366.9	402.6	426.8	432.6	418.7	397.8	368.2	340.5	303.7	260.9	214.5	185.2	173.6
50,0°	395.9	424.2	437.1	437.7	434.2	415.5	381.4	349.5	299.2	236.4	188.1	168.5	158.5
52,5°	406.8	436.1	431.6	426.5	434.8	426.5	396.5	350.4	297.0	222.9	168.8	156.2	139.1
55,0°	408.7	438.1	444.5	433.9	427.4	425.2	400.4	353.0	292.1	217.7	161.0	144.9	123.0
57,5°	415.8	465.4	515.0	481.5	443.8	440.9	399.1	352.4	294.1	216.1	156.5	127.2	105.6
60,0°	424.5	511.8	590.4	555.9	500.9	479.6	416.5	356.6	295.7	226.4	159.1	122.1	99.8
62,5°	403.6	517.3	625.8	623.9	613.9	570.8	447.1	365.9	304.4	225.5	157.2	115.6	97.6
65,0°	386.8	517.9	581.1	659.3	658.4	594.6	449.6	360.1	297.0	213.5	150.1	110.8	78.6
67,5°	372.7	518.3	576.2	678.0	651.0	540.2	405.5	323.1	277.6	195.8	139.1	99.2	61.8
70,0°	470.6	596.2	696.4	733.1	558.5	406.5	313.1	269.0	228.7	174.3	121.8	74.1	44.8
72,5°	550.5	683.5	745.0	629.7	477.7	325.3	227.4	182.6	184.6	157.8	106.9	63.5	41.9
75,0°	519.9	539.5	642.9	552.7	376.9	219.7	160.1	132.7	121.1	98.9	73.1	47.0	31.6
77,5°	412.9	386.5	437.4	360.4	254.1	153.6	121.8	107.3	83.4	63.1	42.2	27.4	22.5
80,0°	358.5	319.2	202.3	166.2	151.1	108.9	92.8	69.6	45.7	38.0	29.0	22.2	19.0
82,5°	182.3	137.2	108.5	132.4	109.8	83.7	68.9	47.7	26.4	20.9	18.7	18.0	17.7
85,0°	53.8	46.4	72.5	85.7	75.4	52.8	42.8	33.2	20.9	18.0	16.7	16.7	16.4
87,5°	22.5	32.2	49.9	58.9	39.0	31.6	25.8	22.2	16.7	15.5	15.8	15.8	15.5
90,0°	14.5	15.1	16.4	16.7	16.4	15.8	15.5	15.1	14.8	14.8	14.8	15.1	14.8
92,5°	13.2	13.9	14.2	14.5	14.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
95,0°	12.6	13.2	13.9	13.9	13.9	14.2	14.2	14.2	14.2	14.2	14.2	14.5	14.5
97,5°	11.9	12.6	13.2	13.2	13.5	13.5	13.5	13.5	13.5	13.9	13.9	14.2	14.2
100,0°	11.3	11.9	12.2	12.2	12.6	12.9	12.9	12.9	12.9	13.2	13.5	13.5	13.5
102,5°	10.6	11.0	11.6	11.6	11.9	12.2	12.2	12.2	12.6	12.9	12.9	12.9	12.9
105,0°	10.3	10.6	11.0	11.3	11.6	11.6	11.9	11.9	12.2	12.2	12.2	12.2	12.9
107,5°	10.0	10.3	10.6	11.0	11.0	11.3	11.6	11.6	11.6	11.6	12.2	12.2	12.2
110,0°	9.7	10.0	10.3	10.6	11.0	11.0	11.3	11.6	11.6	11.6	11.9	12.2	12.2
112,5°	9.7	10.0	10.3	10.3	10.6	11.0	11.0	11.0	11.6	11.6	11.6	11.6	11.9

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255BF14H EAN: 4058352833421	LP-Nummer 57122_31
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°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
2,5°	48.6	49.0	49.3	49.6	49.6	49.6	33.5	33.5	33.5	33.2	32.9	32.5	32.5
5,0°	57.7	57.7	58.0	58.0	58.0	58.0	35.1	35.1	35.4	35.8	35.8	35.4	35.1
7,5°	96.3	95.7	94.7	92.8	92.1	92.1	49.0	43.5	39.6	37.7	36.7	36.1	35.8
10,0°	193.6	195.2	197.4	200.0	201.6	203.6	114.0	110.8	105.0	97.0	88.3	75.4	55.7
12,5°	292.1	303.4	313.7	314.7	311.5	310.5	145.9	125.9	114.7	111.1	99.8	97.9	95.7
15,0°	350.8	352.1	350.8	349.2	345.6	345.3	180.1	172.0	148.5	165.2	128.5	131.4	123.7
17,5°	373.3	374.6	378.5	375.6	375.6	374.9	220.0	179.4	156.5	145.3	164.9	128.2	111.4
20,0°	392.3	389.1	391.3	389.1	391.7	392.3	266.4	209.0	182.0	169.7	136.6	120.8	110.2
22,5°	393.6	389.7	388.4	389.4	391.3	395.5	287.0	263.2	222.2	184.9	156.5	138.5	120.8
25,0°	385.9	380.1	380.7	380.7	383.6	383.9	307.0	277.6	230.0	179.7	163.6	140.8	127.2
27,5°	363.3	355.9	358.5	364.9	368.5	369.8	330.8	290.5	242.5	198.4	171.0	143.7	120.8
30,0°	323.7	318.2	326.0	334.0	339.8	343.4	323.1	276.4	235.1	209.0	174.9	140.1	113.1
32,5°	293.4	289.6	292.5	292.5	291.5	291.2	310.5	281.8	213.5	186.2	173.0	132.1	95.0
35,0°	274.1	270.2	268.0	262.2	258.3	257.7	322.7	270.9	205.5	180.4	154.0	108.2	77.0
37,5°	245.4	245.8	245.8	242.5	242.2	242.9	300.5	265.4	208.4	184.9	132.7	84.4	62.5
40,0°	209.7	212.3	213.5	214.2	211.9	210.7	264.1	208.1	178.8	162.7	112.4	75.0	59.6
42,5°	197.4	198.1	193.6	182.3	174.6	169.4	236.1	182.6	152.0	121.8	91.2	65.4	61.8
45,0°	175.2	170.7	162.7	148.5	137.2	134.6	304.4	232.2	176.5	129.2	76.7	65.1	64.1
47,5°	157.8	146.2	135.0	119.5	108.2	104.4	319.5	253.8	198.1	115.3	65.1	63.8	65.7
50,0°	142.0	124.3	110.5	97.0	85.7	82.5	337.6	264.4	183.0	108.2	62.5	62.8	64.1
52,5°	121.8	103.1	91.2	79.2	68.9	67.0	346.6	263.5	168.1	85.4	63.1	60.9	61.5
55,0°	104.7	88.3	75.0	65.4	57.0	54.8	342.7	263.8	153.3	77.6	63.1	58.6	58.3
57,5°	91.8	74.4	62.2	53.8	48.6	48.3	350.4	256.1	135.0	67.3	61.8	57.7	56.4
60,0°	79.2	60.9	50.2	45.4	43.8	43.8	344.0	227.1	125.0	65.7	60.2	56.4	55.7
62,5°	75.4	56.4	43.2	39.9	39.9	39.9	297.0	179.1	87.6	59.3	56.4	55.7	55.4
65,0°	61.8	50.2	39.9	37.4	37.7	37.4	232.9	146.9	82.1	61.2	52.5	53.1	52.8
67,5°	45.7	37.7	35.4	34.5	35.1	35.4	207.4	136.6	91.2	60.2	47.0	48.0	47.7
70,0°	35.8	34.5	32.2	32.2	32.9	33.5	325.3	209.0	117.2	66.0	45.4	43.8	42.5
72,5°	29.3	27.4	27.7	29.0	29.3	29.6	451.9	227.4	120.8	48.3	40.3	40.9	38.3
75,0°	24.8	24.8	25.1	25.4	25.1	25.1	466.7	226.1	103.7	44.4	35.8	35.4	34.5
77,5°	21.6	21.9	22.2	21.3	20.6	20.0	356.9	261.5	101.5	31.6	32.9	32.9	31.2
80,0°	19.6	19.6	19.3	18.7	18.0	18.0	212.9	279.6	150.7	36.4	29.0	28.7	27.7
82,5°	18.4	18.0	17.4	16.7	16.7	16.7	134.0	119.2	96.0	23.5	25.1	25.8	25.4
85,0°	16.4	16.4	16.1	16.1	16.1	16.1	75.7	43.2	48.3	31.9	22.5	23.5	23.8
87,5°	15.5	15.5	15.5	15.5	15.5	15.5	23.2	18.7	19.6	19.6	20.6	21.9	20.9
90,0°	14.8	14.8	14.8	14.8	14.8	14.8	13.2	12.2	12.2	12.2	12.9	12.6	11.9
92,5°	14.8	14.8	14.8	14.8	14.8	14.8	12.6	11.9	11.0	10.3	9.7	9.0	8.4
95,0°	14.5	14.8	14.8	14.8	14.8	14.8	11.9	11.3	10.6	10.0	9.3	8.7	8.1
97,5°	14.2	14.2	14.2	14.2	14.2	14.2	11.3	11.0	10.3	9.7	9.0	8.4	7.7
100,0°	13.5	13.5	13.5	13.5	13.5	13.5	11.3	10.6	10.0	9.3	8.7	8.1	7.7
102,5°	12.9	12.9	12.9	12.9	12.9	12.9	10.3	10.0	9.3	8.7	8.1	7.7	7.1
105,0°	12.9	12.9	12.9	12.9	12.9	12.2	10.0	9.3	9.0	8.4	8.1	7.7	7.1
107,5°	12.2	12.2	12.6	12.9	12.9	11.6	9.7	9.0	8.7	8.4	7.7	7.4	7.1
110,0°	12.2	12.2	12.2	12.2	12.2	11.0	9.3	9.0	8.7	8.1	7.7	7.4	7.1
112,5°	12.2	12.2	12.2	12.2	11.3	7.1	9.0	9.0	8.4	8.4	7.7	7.1	7.1

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255BF14H EAN: 4058352833421	LP-Nummer 57122_31
--------------------------------------	---	-------------------------------------

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°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	0.1	0.1
2,5°	32.5	32.2	32.2	31.9	31.2	30.9	30.3	29.6	28.3	28.0	27.7	0.4	0.5
5,0°	34.5	33.8	33.2	32.5	31.2	30.6	29.6	28.7	28.0	27.1	26.4	1.0	1.5
7,5°	35.1	34.5	33.5	32.9	31.6	30.3	29.0	28.0	27.4	27.1	27.1	2.2	3.7
10,0°	43.5	38.3	36.1	34.1	33.5	31.2	29.0	26.4	25.4	25.1	25.1	5.3	9.0
12,5°	89.2	82.5	68.3	57.3	47.3	42.5	37.0	29.3	26.1	25.1	25.1	9.6	18.6
15,0°	102.1	99.8	103.4	95.3	100.5	65.1	56.7	50.9	43.2	37.7	36.1	14.7	33.3
17,5°	108.2	92.1	104.7	87.6	83.7	76.0	75.0	71.5	73.1	74.1	74.1	19.6	52.9
20,0°	97.9	90.5	108.2	100.5	88.3	84.4	78.6	69.3	71.8	77.6	78.6	24.1	77.0
22,5°	102.7	104.4	102.1	93.7	81.8	74.1	73.1	67.0	68.6	69.6	68.3	27.7	104.7
25,0°	107.9	111.4	80.8	72.5	70.5	71.5	69.6	66.4	61.5	61.8	61.8	30.7	135.4
27,5°	108.2	80.8	69.6	66.7	69.3	71.8	66.7	61.5	55.7	56.0	56.0	32.9	168.3
30,0°	92.4	77.3	72.8	72.1	68.9	67.6	62.2	57.3	51.9	51.5	51.5	33.6	201.9
32,5°	75.4	75.4	74.1	71.8	69.3	66.7	60.2	55.7	49.3	48.3	48.3	34.4	236.3
35,0°	70.2	74.4	74.7	70.9	69.9	67.3	60.2	54.1	45.7	46.1	45.7	35.4	271.7
37,5°	65.7	70.5	70.9	70.2	69.6	68.9	60.9	55.1	44.1	45.4	45.1	34.2	305.9
40,0°	59.6	62.8	65.4	66.0	66.0	65.1	59.6	54.4	45.4	47.7	47.7	31.7	337.6
42,5°	56.7	55.1	59.3	60.6	59.3	58.9	56.4	52.5	46.1	46.7	47.0	33.1	370.7
45,0°	61.8	57.7	53.8	55.1	55.1	52.2	49.6	47.3	42.8	42.2	41.2	35.7	406.4
47,5°	65.4	62.5	57.3	50.2	48.0	45.4	42.5	39.0	37.4	38.3	37.4	37.0	443.4
50,0°	65.4	64.1	59.6	51.2	44.4	38.7	34.8	33.5	31.9	30.9	32.2	37.8	481.2
52,5°	62.8	62.8	60.6	53.1	44.4	37.0	30.9	27.1	26.1	25.8	26.4	38.0	519.2
55,0°	58.3	58.3	56.7	50.9	43.2	35.8	29.6	26.1	23.8	22.2	22.5	38.2	557.4
57,5°	54.4	53.1	51.9	46.7	40.3	34.1	28.7	25.4	22.5	20.9	20.6	39.4	596.8
60,0°	52.5	49.3	47.7	42.8	36.7	30.9	26.7	23.8	21.9	20.3	20.6	41.8	638.6
62,5°	50.9	46.4	43.5	38.7	32.9	28.7	24.5	22.5	20.9	19.6	20.0	43.7	682.3
65,0°	49.3	43.2	38.7	34.5	30.0	26.1	22.9	20.6	19.3	18.4	18.7	43.5	725.8
67,5°	45.1	40.3	35.4	30.9	26.4	23.5	20.9	19.3	17.7	17.1	17.4	42.0	767.8
70,0°	39.9	35.8	31.2	27.1	24.2	21.6	19.3	18.0	16.7	15.8	16.1	42.8	810.5
72,5°	36.1	33.5	29.0	24.2	21.6	19.3	17.7	16.4	15.1	14.2	14.2	41.7	852.2
75,0°	31.6	29.0	25.4	22.2	19.6	17.7	16.1	14.8	13.9	12.6	12.9	35.4	887.6
77,5°	29.3	26.1	23.2	20.3	17.7	15.5	13.9	12.9	11.9	11.0	11.0	27.0	914.5
80,0°	25.4	22.5	20.0	18.0	16.1	14.2	12.6	11.0	10.0	9.0	9.0	19.9	934.4
82,5°	22.5	19.6	16.4	15.1	14.2	12.9	11.6	9.7	8.7	7.7	7.7	12.5	947.0
85,0°	20.3	16.4	13.9	12.2	11.9	11.0	9.7	8.4	7.7	6.8	7.1	7.8	954.8
87,5°	17.1	13.9	11.3	10.0	9.3	9.0	7.7	7.1	6.4	5.8	6.4	5.3	960.1
90,0°	10.0	9.0	7.7	7.1	6.4	6.1	5.5	5.2	5.2	4.5	4.5	3.3	963.4
92,5°	7.7	7.1	6.4	6.4	5.8	5.2	4.5	4.5	4.5	3.9	4.5	3.1	966.4
95,0°	7.7	7.1	6.4	5.8	5.8	5.2	5.2	4.5	4.5	3.9	4.5	3.0	969.4
97,5°	7.4	7.1	6.4	5.8	5.8	5.2	4.8	4.5	4.5	4.5	3.9	2.9	972.3
100,0°	7.1	6.8	6.4	5.8	5.5	5.2	4.5	4.5	4.5	4.5	4.5	2.7	975.0
102,5°	7.1	6.4	5.8	5.8	5.2	5.2	4.5	4.5	4.2	3.9	3.9	2.6	977.5
105,0°	6.8	6.4	5.8	5.5	5.2	4.8	4.5	4.5	4.5	3.9	3.9	2.5	980.0
107,5°	6.4	6.4	5.8	5.5	5.2	4.8	4.5	4.5	4.2	3.9	3.9	2.4	982.4
110,0°	6.4	6.1	5.8	5.5	5.2	4.8	4.5	4.5	4.5	3.9	3.2	2.3	984.7
112,5°	6.4	6.4	5.8	5.5	5.2	5.2	4.5	4.5	4.5	3.9	2.6	2.2	986.9

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255BF14H EAN: 4058352833421	LP-Nummer 57122_31
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°	9.3	9.7	10.0	10.3	10.3	11.0	11.0	11.0	11.3	11.3	11.6	11.6	11.6
117,5°	9.3	9.7	9.7	10.3	10.3	10.6	11.0	11.0	11.0	11.0	11.3	11.6	11.6
120,0°	9.0	9.0	9.3	9.7	10.0	10.3	10.3	10.3	10.6	11.0	11.0	11.0	11.0
122,5°	8.1	8.4	8.7	9.0	9.0	9.3	9.7	9.7	9.7	10.0	10.3	10.3	10.3
125,0°	6.8	6.8	7.1	7.4	7.4	7.7	7.7	7.7	8.1	8.1	8.4	8.4	8.4
127,5°	4.8	5.2	5.2	5.2	5.5	5.5	5.5	5.8	5.8	5.8	5.8	5.8	5.8
130,0°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
132,5°	3.2	3.2	3.2	3.2	3.5	3.5	3.2	3.5	3.5	3.2	3.2	3.5	3.5
135,0°	2.9	2.9	2.9	3.2	3.2	3.2	2.9	3.2	3.2	2.9	3.2	2.9	3.2
137,5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
140,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
142,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	1.3
145,0°	1.3	1.0	1.3	1.0	0.6	1.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	1.3	0.6	1.0	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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 LED	Bestell-Nr.: 5XA5255BF14H EAN: 4058352833421	LP-Nummer 57122_31
		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°	11.9	11.9	12.2	12.2	10.0	4.5	9.0	8.7	8.4	8.1	7.7	7.4	7.1
117,5°	11.6	11.6	11.6	11.6	8.7	4.5	9.0	8.4	8.4	7.7	7.7	7.1	6.8
120,0°	11.3	11.6	11.6	11.6	7.7	3.9	8.4	8.1	7.7	7.4	7.1	6.8	6.4
122,5°	10.3	11.0	10.6	11.0	6.8	3.2	7.7	7.4	7.4	6.8	6.4	6.4	5.8
125,0°	8.4	8.7	8.7	8.4	5.5	2.6	6.4	6.1	6.1	5.8	5.5	5.2	5.2
127,5°	5.8	6.1	6.4	5.8	3.9	2.6	4.8	4.5	4.5	4.5	4.2	3.9	3.9
130,0°	3.9	3.9	3.9	3.9	2.6	1.9	3.9	3.9	3.5	3.2	3.2	3.2	3.2
132,5°	3.5	3.9	3.5	3.2	2.3	1.9	3.2	3.2	3.2	3.2	3.2	2.9	2.6
135,0°	3.2	3.2	3.2	2.6	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6
137,5°	2.6	2.6	2.6	1.9	1.6	1.3	2.6	2.6	2.6	2.3	2.3	1.9	1.9
140,0°	1.9	1.9	1.9	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.6	1.9	1.6
142,5°	1.3	1.3	1.3	1.3	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.0	0.6	1.3	1.0	1.3	1.3	1.3
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°	6.4	6.4	5.8	5.5	5.2	4.8	4.5	4.5	4.5	3.2	2.6	2.1	989.0
117,5°	6.4	5.8	5.8	5.2	5.2	4.5	4.5	4.5	3.9	3.2	1.9	2.0	991.1
120,0°	6.1	5.8	5.5	5.2	4.8	4.5	4.5	4.2	3.9	2.6	1.9	1.9	993.0
122,5°	5.8	5.2	5.2	4.5	4.5	4.5	3.9	3.9	3.9	2.6	1.9	1.7	994.7
125,0°	4.8	4.5	4.2	3.9	3.9	3.5	3.2	3.2	2.9	2.3	1.9	1.4	996.0
127,5°	3.5	3.5	3.2	3.2	3.2	2.9	2.6	2.6	2.3	1.9	1.9	1.0	997.0
130,0°	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.9	1.9	1.9	0.7	997.7
132,5°	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.9	1.9	1.3	1.9	0.6	998.3
135,0°	2.6	2.6	2.3	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.3	0.5	998.8
137,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.3	1.3	1.3	0.4	999.2
140,0°	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	999.5
142,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.7
145,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.9
147,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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
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 LED	Bestell-Nr.: 5XA5255BF14H EAN: 4058352833421	LP-Nummer 57122_31
--------------------------------------	---	-------------------------------------

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	1510	12.9	13.3	13.1
95	241	252	1433	12.2	12.6	12.4
90	229	250	1361	11.5	11.9	11.7
85	216	248	1284	10.7	11.1	10.9
80	203	246	1207	10.1	10.5	10.3
75	190	243	1130	9.4	9.8	9.6
70	178	241	1058	8.9	9.1	9.0
65	165	238	981	8.2	8.4	8.3
60	152	235	904	7.6	7.8	7.7
55	140	232	832	7.0	7.2	7.1
50	127	229	755	6.4	6.6	6.5
45	114	225	678	5.8	6.0	5.9
40	102	221	606	5.3	5.4	5.4
35	89	216	529	4.8	4.9	4.8
30	76	210	452	4.3	4.3	4.3
25	63	203	375	3.7	3.8	3.8
24	60	201	357	3.5	3.7	3.6