

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255NF14H**
EAN: **4058352833612**

LP-Nummer
57122_36



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik direkt, asymmetrisch extrem breit strahlend P100008
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2700 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1510 lm
Systemleistung = 11.8 W
Lichtausbeute = 128 lm/W

Seriendokumentation
04.11.2022

siteco

Lichtstärke in cd/klm

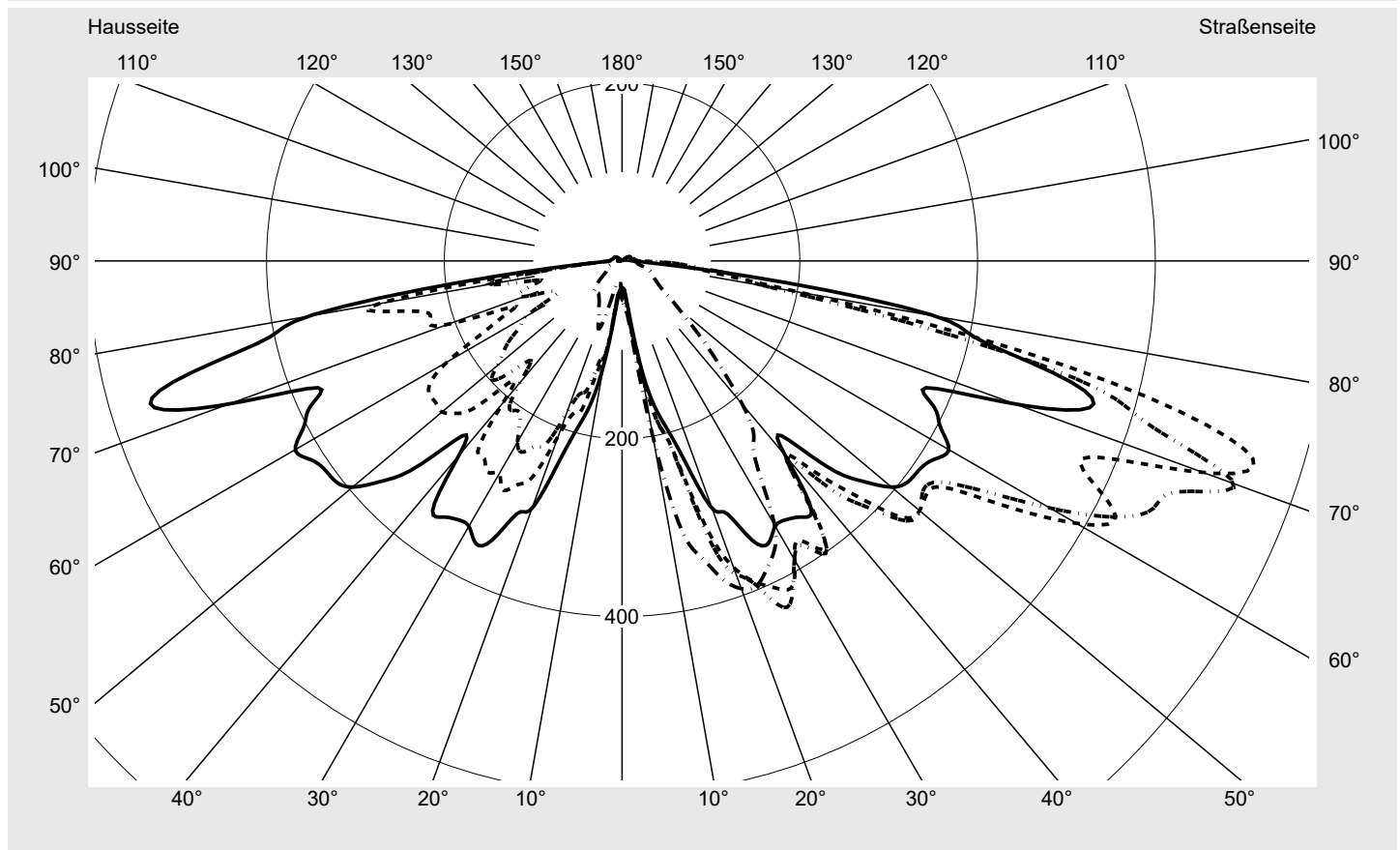
C180-0

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

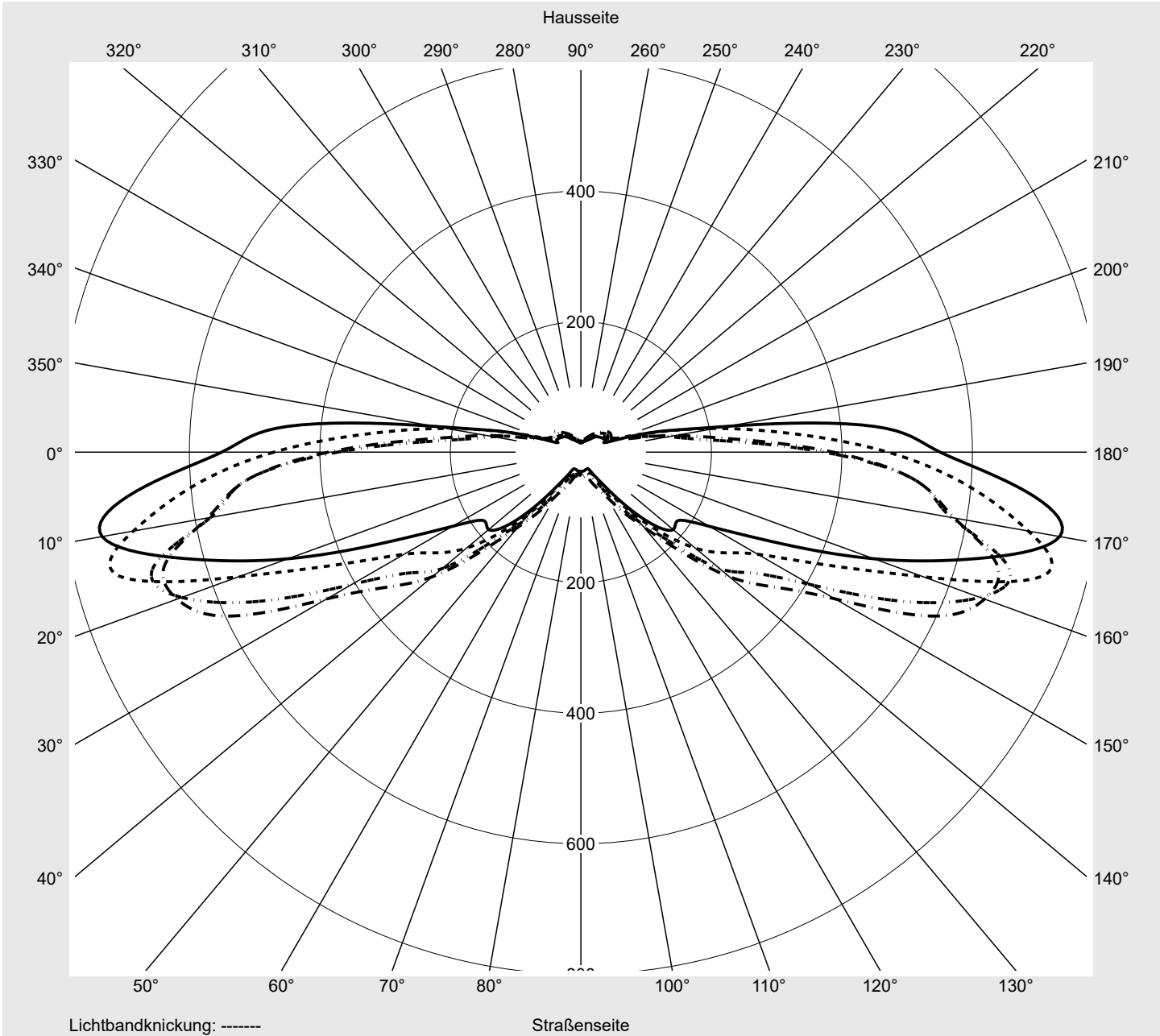
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255NF14H EAN: 4058352833612	LP-Nummer 57122_36
--------------------------------------	---	-------------------------------------

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



Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255NF14H EAN: 4058352833612	LP-Nummer 57122_36
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.: 5XA5255NF14H EAN: 4058352833612	LP-Nummer 57122_36
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.: 5XA5255NF14H EAN: 4058352833612	LP-Nummer 57122_36
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.: 5XA5255NF14H EAN: 4058352833612	LP-Nummer 57122_36
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.: 5XA5255NF14H EAN: 4058352833612	LP-Nummer 57122_36
		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.: 5XA5255NF14H EAN: 4058352833612	LP-Nummer 57122_36
--------------------------------------	---	-------------------------------------

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	11.8	12.1	12.0
95	241	252	1433	11.1	11.4	11.2
90	229	250	1361	10.6	10.8	10.7
85	216	248	1284	9.9	10.2	10.0
80	203	246	1207	9.3	9.6	9.4
75	190	243	1130	8.7	9.0	8.8
70	178	241	1058	8.2	8.4	8.3
65	165	238	981	7.6	7.7	7.6
60	152	235	904	7.0	7.2	7.1
55	140	232	832	6.5	6.6	6.6
50	127	229	755	6.0	6.1	6.0
45	114	225	678	5.4	5.6	5.5
40	102	221	606	5.0	5.1	5.0
35	89	216	529	4.5	4.6	4.6
30	76	210	452	4.0	4.0	4.0
26	65	204	386	3.6	3.7	3.6