

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255FF14HP**
EAN: **4058352834756**

LP-Nummer
58715_18



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 3000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 4700 lm Systemleistung = 33.6 W Lichtausbeute = 139.9 lm/W

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

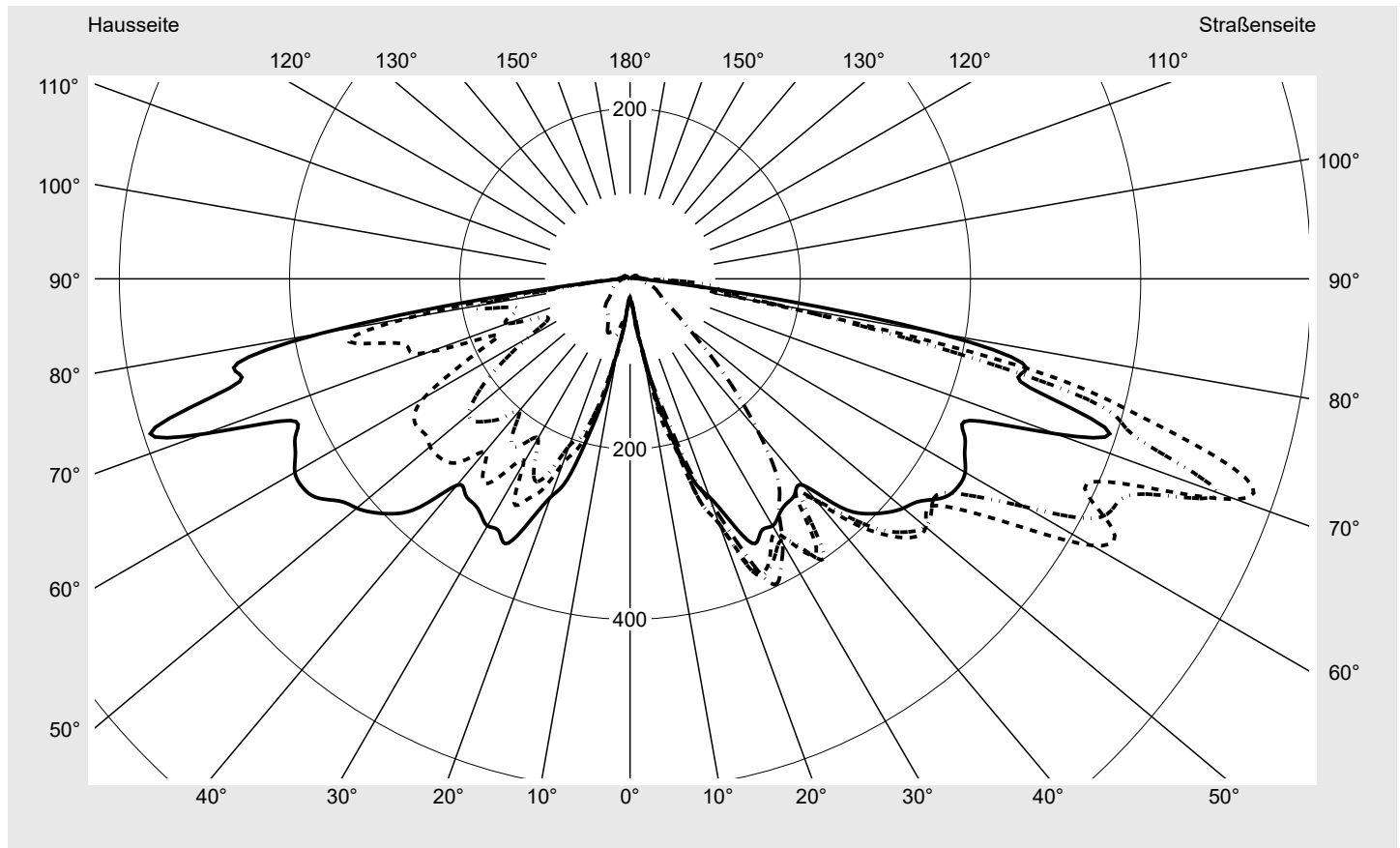
C180-0

C190-10

C195-15

C270-90

Imax: 758 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	96.8%
Eta 90° - 180°	3.2%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	757.6
Imax 80°	367.6
Imax 90°	13.7
Imax >90°	13.0
Imax >95°	10.9

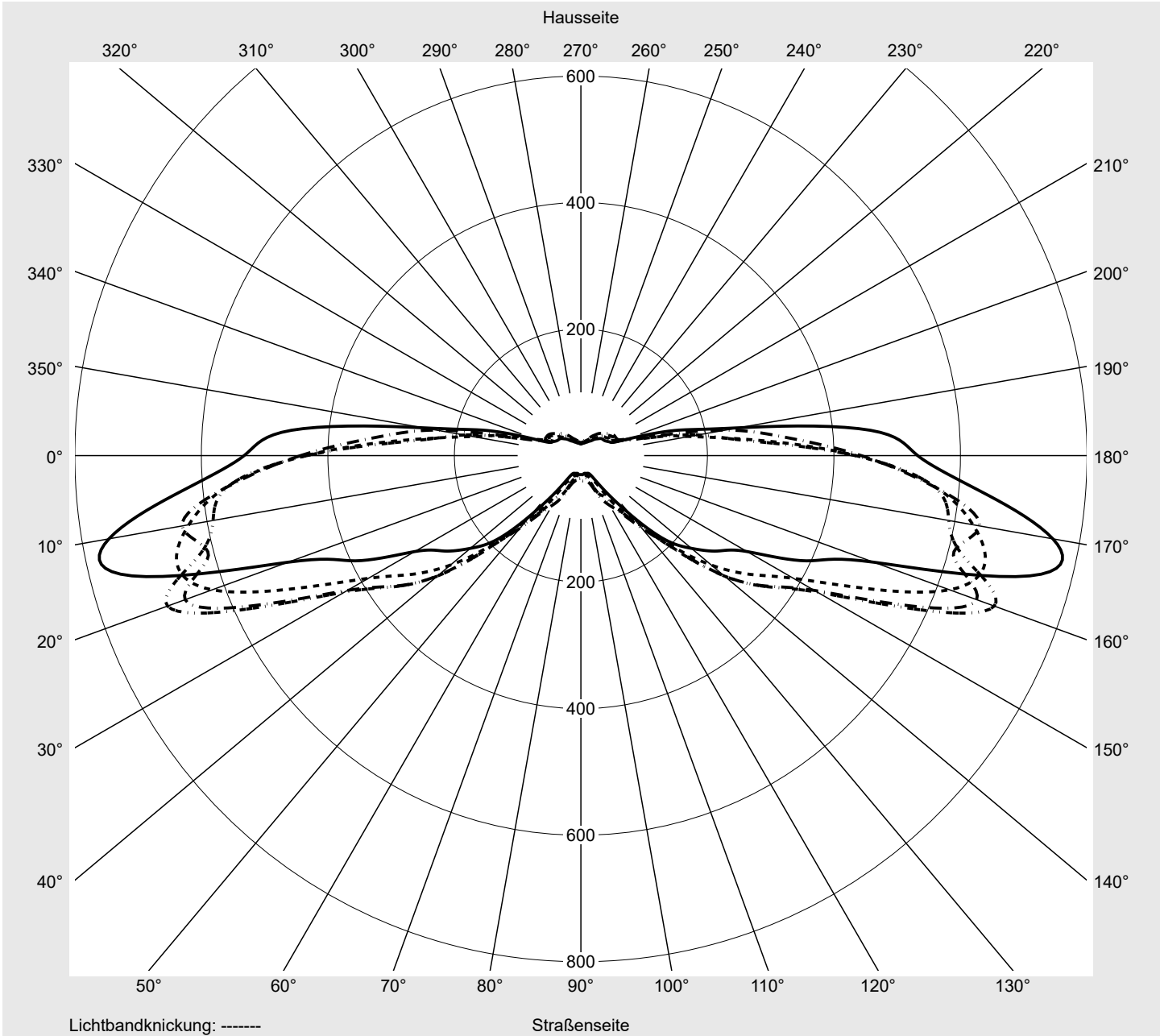
Messbedingungen

DIN EN 13032 und DIN 5032

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Familie LATERNE LED	Bestell-Nr.: 5XA5255FF14HP EAN: 4058352834756	LP-Nummer 58715_18
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Kegelmantelkurven in cd/klm **KMK 70°** **KMK 67,5°** **KMK 65°** **KMK 62,5°** **siteco**



Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255FF14HP EAN: 4058352834756	LP-Nummer 58715_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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2,5°	27.4	27.3	28.2	27.6	28.5	27.4	28.2	27.4	28.2	27.6	28.5	28.3	29.0
5,0°	30.6	30.1	29.4	30.1	28.9	29.7	28.9	29.7	29.9	30.3	30.3	30.8	32.7
7,5°	61.6	56.0	63.9	50.7	57.2	48.7	55.8	51.0	57.7	50.5	57.2	51.2	50.8
10,0°	87.3	91.1	87.8	97.3	94.7	96.2	91.7	83.0	82.5	78.5	82.2	81.3	86.2
12,5°	142.9	151.3	167.9	154.7	160.6	130.6	134.6	142.0	146.0	149.4	151.8	126.2	132.1
15,0°	194.2	184.6	205.3	198.5	209.7	216.8	220.8	214.1	214.1	193.4	205.7	216.6	200.9
17,5°	248.8	259.2	274.3	274.1	277.3	277.5	272.0	257.1	268.9	273.4	285.0	269.2	259.3
20,0°	272.9	288.2	306.0	306.5	317.8	322.2	328.0	333.2	345.4	322.2	327.4	314.1	317.2
22,5°	308.4	339.8	363.9	369.0	351.5	342.6	350.8	352.2	360.9	363.3	350.3	339.1	336.9
25,0°	343.3	346.6	377.2	379.9	379.3	371.4	366.3	374.6	381.6	371.6	354.9	346.8	336.8
27,5°	334.0	345.6	358.1	368.1	379.5	380.6	376.9	385.3	377.2	371.1	350.1	341.2	319.0
30,0°	335.0	344.7	345.6	354.9	360.7	370.4	375.8	383.6	381.5	361.2	336.6	322.7	300.7
32,5°	326.9	352.8	380.4	374.4	373.2	372.1	369.0	379.3	384.3	358.6	328.3	309.7	288.2
35,0°	321.6	350.7	379.7	398.2	383.0	365.8	342.0	335.0	343.5	343.8	318.8	294.2	271.8
37,5°	318.3	314.1	319.9	335.4	352.4	363.2	359.1	346.4	334.0	321.5	292.6	267.1	238.6
40,0°	316.5	319.2	341.3	339.1	350.3	379.5	385.0	373.4	338.7	309.3	264.6	235.6	220.1
42,5°	361.9	372.0	390.3	379.0	370.9	357.0	345.4	354.5	319.2	285.2	240.7	206.7	200.1
45,0°	390.1	404.3	425.6	417.2	401.7	369.7	335.5	315.5	285.4	260.8	221.7	193.7	186.7
47,5°	406.6	428.6	449.5	440.2	425.1	389.6	354.4	311.1	267.6	226.1	194.4	186.0	177.5
50,0°	419.1	443.4	453.6	453.1	445.5	415.1	377.2	328.0	276.6	200.2	152.4	171.4	163.3
52,5°	429.1	445.5	441.5	446.6	459.8	435.8	391.1	338.5	280.8	199.4	146.4	140.6	133.9
55,0°	448.5	468.0	471.7	441.5	456.4	438.8	388.8	333.6	278.7	199.5	145.9	139.7	120.0
57,5°	456.1	509.5	540.2	473.7	475.8	449.4	382.0	338.0	280.6	193.7	147.6	127.4	107.7
60,0°	454.7	550.7	626.2	535.6	552.0	489.1	388.8	346.1	288.7	198.3	151.3	116.0	97.8
62,5°	443.2	559.9	640.1	609.7	665.8	557.6	426.1	359.6	295.2	206.9	149.4	110.8	90.8
65,0°	433.4	559.9	590.5	629.2	695.4	570.3	431.8	361.6	296.3	209.4	142.3	104.9	76.0
67,5°	434.9	561.5	629.4	661.0	620.2	496.7	388.0	327.4	269.2	199.0	130.7	97.3	54.5
70,0°	532.4	631.7	757.6	734.6	492.7	393.6	303.3	263.0	228.0	187.6	121.8	72.8	43.6
72,5°	587.7	740.0	746.2	626.4	435.8	309.3	212.0	175.8	177.0	163.3	107.9	59.3	33.1
75,0°	479.6	517.3	617.6	568.8	289.1	205.2	135.5	126.0	118.6	117.5	77.6	51.2	24.3
77,5°	476.5	394.7	458.3	364.9	206.6	148.5	112.6	109.1	83.6	63.5	38.4	28.2	17.9
80,0°	367.6	258.8	151.1	177.0	123.9	97.8	79.4	76.5	48.6	40.6	28.3	21.1	15.8
82,5°	145.3	121.1	90.1	108.7	88.9	66.7	61.8	50.5	24.3	19.7	17.2	16.0	14.3
85,0°	38.5	47.0	65.8	99.1	70.0	48.9	41.5	30.1	18.7	15.3	13.2	13.2	12.7
87,5°	20.8	32.4	45.4	58.6	39.4	28.7	21.1	19.2	13.7	12.8	12.3	12.0	11.4
90,0°	13.4	13.7	13.4	13.4	13.0	12.7	12.3	12.0	11.8	11.6	11.6	11.3	10.9
92,5°	12.8	13.0	12.8	12.7	12.1	12.0	11.6	11.4	11.3	11.3	11.3	11.3	10.9
95,0°	11.8	12.0	11.8	11.8	11.6	11.3	10.9	10.9	10.9	10.9	10.9	10.9	10.6
97,5°	10.7	10.9	10.7	10.9	10.6	10.6	10.4	10.6	10.2	10.4	10.2	10.2	10.2
100,0°	9.7	9.9	9.7	9.9	9.9	9.9	9.7	9.7	9.7	9.7	9.7	9.7	9.5
102,5°	9.0	9.0	9.0	9.1	9.0	9.1	9.1	9.1	9.1	9.3	9.1	9.3	9.1
105,0°	8.6	8.6	8.6	8.6	8.6	8.8	8.8	9.0	9.0	9.0	9.0	9.0	9.3
107,5°	8.3	8.4	8.4	8.4	8.4	8.6	8.6	8.6	8.6	9.0	9.0	9.0	9.1
110,0°	8.3	8.1	8.3	8.3	8.4	8.4	8.6	8.6	8.6	8.8	8.8	9.1	9.3
112,5°	7.9	8.1	8.3	8.3	8.3	8.4	8.6	8.6	8.6	8.8	9.0	9.0	9.1

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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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2,5°	28.3	29.9	29.2	31.0	29.9	31.3	27.4	27.1	27.4	26.7	27.1	26.2	26.6
5,0°	33.3	33.4	34.0	33.1	33.1	32.0	31.5	31.5	33.6	32.6	35.2	33.6	35.4
7,5°	44.9	46.8	42.1	44.0	39.1	44.7	64.6	57.9	60.0	56.7	58.2	52.1	61.1
10,0°	79.9	85.5	74.6	80.9	81.6	94.0	95.4	93.4	81.6	82.0	85.5	80.1	85.9
12,5°	114.9	124.0	112.8	116.5	122.5	132.7	129.1	125.1	128.8	111.7	114.5	98.4	101.3
15,0°	183.0	186.7	168.7	166.8	163.5	174.5	193.5	178.2	167.9	152.2	132.1	133.4	127.6
17,5°	246.3	256.4	234.0	231.9	225.9	239.6	239.6	211.8	196.2	180.2	170.0	159.1	139.4
20,0°	302.6	290.7	270.1	268.5	258.8	283.3	256.9	230.8	208.5	187.6	169.4	155.5	149.6
22,5°	329.4	321.1	318.5	338.0	325.7	344.2	301.6	267.4	243.7	199.7	180.0	169.8	140.1
25,0°	331.3	340.3	354.2	378.5	385.9	395.9	309.8	285.9	262.3	214.8	167.3	148.0	136.2
27,5°	313.9	328.7	360.9	381.6	385.2	383.6	322.9	295.1	242.1	196.2	172.1	149.9	141.5
30,0°	298.4	314.1	343.1	361.9	362.6	358.9	290.0	250.2	216.4	191.6	177.0	158.0	138.5
32,5°	296.3	313.9	325.9	327.1	330.4	325.9	290.8	265.0	228.0	195.0	181.6	160.5	120.5
35,0°	279.6	285.0	298.9	305.3	309.8	306.5	316.5	293.7	240.0	197.1	183.7	146.4	94.3
37,5°	248.4	258.3	275.0	278.0	282.6	277.3	314.6	282.8	224.9	199.2	171.7	122.8	75.8
40,0°	235.6	239.3	249.8	243.3	245.4	234.0	307.2	265.0	202.3	190.0	144.6	95.2	72.3
42,5°	211.0	212.9	217.8	203.7	205.0	192.5	346.8	290.0	221.2	188.1	126.5	82.7	74.4
45,0°	184.6	183.0	185.1	166.8	161.3	152.0	371.4	304.0	236.5	184.2	100.8	76.5	75.1
47,5°	165.2	155.2	150.6	130.0	125.3	115.4	382.5	307.2	247.9	169.3	84.8	74.8	74.1
50,0°	149.9	133.0	125.5	104.0	96.8	88.0	385.9	306.7	247.2	141.8	78.3	73.2	71.1
52,5°	128.1	110.1	103.5	84.1	77.8	71.8	390.3	302.1	229.6	116.8	78.5	71.6	67.4
55,0°	106.4	86.4	77.9	64.2	61.9	57.0	396.2	304.6	203.2	98.9	76.2	68.3	63.2
57,5°	95.2	73.5	64.7	52.8	48.4	45.7	405.4	300.7	170.3	85.9	72.0	63.7	61.2
60,0°	82.3	61.2	53.1	44.3	43.5	42.6	394.3	279.6	139.7	78.3	67.2	62.1	60.2
62,5°	73.5	52.1	43.1	39.4	39.9	39.4	326.9	232.3	113.1	70.2	62.8	61.8	59.5
65,0°	66.2	45.9	37.5	35.0	36.1	35.9	267.1	187.6	107.2	75.1	57.2	57.9	55.2
67,5°	44.3	35.5	32.9	31.8	33.4	33.4	279.8	174.0	123.2	71.6	50.8	52.3	49.3
70,0°	32.0	29.7	29.0	28.7	30.3	29.9	459.4	253.0	153.4	71.6	50.7	45.9	43.5
72,5°	26.6	24.1	24.6	25.3	26.4	26.4	534.9	272.7	148.0	47.3	41.0	43.1	38.2
75,0°	20.8	20.8	21.8	21.8	22.3	21.5	461.3	290.7	137.1	41.9	36.2	36.8	35.2
77,5°	18.1	18.3	18.8	17.8	17.4	16.5	312.3	338.3	156.1	34.0	33.6	33.1	31.7
80,0°	16.0	15.8	15.7	15.0	14.6	14.4	165.2	264.5	181.4	35.0	29.9	30.3	28.5
82,5°	14.3	14.1	13.9	13.2	13.2	13.0	121.4	110.5	82.5	26.2	25.7	27.4	25.5
85,0°	12.8	12.5	12.3	12.0	12.0	12.0	62.5	47.9	41.5	31.7	23.2	24.8	23.2
87,5°	11.6	11.3	11.3	11.3	11.3	10.9	18.3	17.9	16.7	20.1	20.9	23.0	21.5
90,0°	10.9	10.6	10.6	10.6	10.6	10.6	13.0	12.5	11.8	11.1	10.7	10.4	10.0
92,5°	10.7	10.6	10.6	10.6	10.4	10.2	12.0	12.1	11.4	11.1	10.4	10.0	10.0
95,0°	10.6	10.6	10.4	10.2	10.2	10.2	11.4	11.4	10.7	10.6	10.0	10.0	9.5
97,5°	10.2	10.2	9.9	9.9	9.9	9.9	10.6	10.4	10.0	9.7	9.5	9.3	9.0
100,0°	9.7	9.5	9.5	9.5	9.5	9.5	9.3	9.3	9.1	9.0	8.6	8.6	8.3
102,5°	9.3	9.1	9.1	9.1	9.1	9.1	8.6	8.8	8.6	8.4	8.3	7.9	7.9
105,0°	9.0	9.0	9.1	8.8	8.8	9.1	8.3	8.4	8.3	8.1	7.9	7.7	7.4
107,5°	9.0	9.0	9.0	8.8	8.8	8.8	7.9	8.3	7.9	7.9	7.6	7.6	7.2
110,0°	9.0	9.1	9.0	8.8	8.8	8.8	7.9	7.9	7.7	7.6	7.6	7.2	7.2
112,5°	9.1	9.1	9.0	8.8	8.8	8.8	7.6	7.9	7.6	7.6	7.2	7.2	6.9

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	0.0	0.0
2,5°	25.7	25.9	24.8	25.2	24.1	24.6	23.9	24.3	23.8	24.1	23.6	0.3	0.4
5,0°	32.9	34.7	32.4	33.8	32.4	35.0	32.7	34.5	31.3	32.4	30.3	0.8	1.1
7,5°	56.8	57.9	49.3	55.4	53.7	56.0	50.3	48.2	48.6	51.0	52.4	1.9	3.0
10,0°	70.2	80.6	68.6	72.1	68.6	65.5	57.7	60.7	57.7	56.3	52.8	3.8	6.8
12,5°	101.7	100.1	96.1	95.0	83.8	73.0	58.4	59.3	60.7	63.3	63.7	6.9	13.7
15,0°	121.2	113.3	111.0	106.3	107.5	89.2	76.9	63.7	67.2	68.4	69.0	11.2	24.9
17,5°	124.4	117.2	116.8	109.6	104.7	94.0	74.8	67.9	67.9	66.2	65.8	16.2	41.1
20,0°	135.5	115.1	113.3	99.9	92.7	82.3	73.4	65.3	63.2	66.0	66.5	20.7	61.8
22,5°	118.8	105.6	99.6	96.9	87.3	78.5	72.1	63.5	62.8	67.7	68.3	25.4	87.2
25,0°	124.6	109.4	97.5	85.2	78.3	70.4	69.0	62.8	60.9	61.8	61.9	29.3	116.5
27,5°	126.5	101.7	85.9	71.8	67.4	65.6	64.2	58.4	54.9	56.0	56.0	31.5	147.9
30,0°	114.4	85.9	72.3	66.7	64.2	63.5	62.1	56.1	51.2	51.9	51.7	32.6	180.6
32,5°	93.1	75.1	72.1	67.7	66.0	64.2	59.8	54.2	47.3	49.4	48.6	34.6	215.2
35,0°	76.5	71.6	70.0	68.4	65.5	63.2	59.3	53.5	46.6	48.0	46.8	35.8	251.0
37,5°	69.7	69.0	67.9	65.5	64.0	61.1	57.7	53.1	46.1	47.3	46.5	35.5	286.5
40,0°	68.4	65.8	64.7	62.1	60.0	57.2	54.7	51.0	45.9	46.5	46.1	36.1	322.6
42,5°	70.6	65.6	62.1	60.2	57.2	53.5	50.3	46.1	43.1	43.3	42.6	37.2	359.8
45,0°	72.0	68.4	63.9	57.7	53.3	49.1	45.7	41.3	38.4	38.5	39.1	38.0	397.9
47,5°	72.0	68.8	64.6	58.4	50.5	44.0	40.8	37.5	34.7	33.8	33.4	38.8	436.6
50,0°	70.4	67.4	64.4	57.7	49.8	42.2	36.9	33.1	31.3	30.3	30.3	39.4	476.0
52,5°	66.3	63.9	61.1	54.5	47.9	40.3	35.0	31.3	29.2	27.4	27.4	39.6	515.6
55,0°	61.9	59.6	57.0	51.0	44.9	38.2	33.6	30.1	27.3	25.7	25.7	40.0	555.6
57,5°	58.6	55.6	53.3	47.7	41.3	35.4	31.3	28.3	26.4	24.6	24.3	41.2	596.8
60,0°	56.1	52.3	50.0	44.0	38.0	32.6	29.0	26.6	25.2	23.6	23.2	43.3	640.1
62,5°	54.0	48.7	45.7	40.3	35.4	30.3	27.4	25.0	23.8	22.3	22.2	45.1	685.2
65,0°	51.2	45.2	41.5	36.1	32.2	28.2	25.5	23.4	22.3	21.1	20.8	44.7	729.9
67,5°	46.6	41.2	37.1	32.4	28.9	25.9	23.8	22.2	20.9	19.9	19.4	43.4	773.4
70,0°	41.9	37.7	33.8	28.9	26.2	23.8	22.2	20.6	19.9	18.8	18.3	45.0	818.4
72,5°	36.4	33.8	30.3	26.2	24.3	22.0	20.8	19.4	18.7	17.4	16.9	42.8	861.2
75,0°	33.3	30.4	27.3	24.1	22.2	20.2	18.8	17.8	17.1	15.8	15.5	34.7	895.9
77,5°	29.7	27.4	25.0	22.3	20.6	18.5	17.4	16.2	15.3	14.4	13.7	27.9	923.8
80,0°	26.9	24.5	22.7	20.4	18.8	16.9	15.8	14.8	13.7	12.7	12.0	18.7	942.6
82,5°	23.4	20.6	18.7	17.4	16.5	15.3	14.4	13.2	12.3	11.4	10.9	11.2	953.8
85,0°	20.8	17.1	16.0	15.0	15.0	14.4	13.2	12.1	11.4	10.6	10.2	7.5	961.3
87,5°	17.8	14.6	13.5	12.7	12.7	12.0	11.6	10.9	10.4	9.7	9.1	5.0	966.3
90,0°	9.7	9.5	9.3	9.1	9.0	9.0	8.6	8.6	8.4	8.3	7.4	3.0	969.3
92,5°	9.7	9.3	9.3	9.0	9.0	9.0	8.8	8.6	8.4	8.3	7.7	2.9	972.2
95,0°	9.3	9.1	9.0	9.0	8.8	8.6	8.6	8.4	8.3	8.1	7.4	2.8	975.0
97,5°	9.0	8.6	8.6	8.3	8.3	8.3	8.3	7.9	7.9	7.6	7.0	2.6	977.6
100,0°	8.3	7.9	7.9	7.7	7.6	7.6	7.6	7.4	7.2	7.0	6.7	2.4	980.0
102,5°	7.7	7.6	7.6	7.4	7.2	7.0	6.9	6.9	6.9	6.5	6.3	2.2	982.2
105,0°	7.4	7.2	7.2	7.0	6.9	6.9	6.9	6.7	6.5	6.3	6.0	2.1	984.4
107,5°	7.2	7.2	7.0	6.7	6.7	6.7	6.5	6.5	6.2	6.2	6.0	2.1	986.5
110,0°	6.9	6.9	7.0	6.7	6.7	6.5	6.3	6.2	6.2	5.8	6.0	2.0	988.5
112,5°	6.7	6.5	6.7	6.5	6.5	6.5	6.5	6.3	6.2	5.8	5.6	2.0	990.5

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255FF14HP EAN: 4058352834756	LP-Nummer 58715_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°	7.7	7.9	7.9	7.9	7.9	8.3	8.3	8.4	8.4	8.6	9.0	9.1	9.1
117,5°	7.2	7.4	7.6	7.7	7.7	7.9	7.9	8.1	8.3	8.6	9.0	9.0	8.8
120,0°	6.5	6.9	6.9	7.2	7.0	7.4	7.4	7.6	7.7	8.1	8.3	8.6	8.4
122,5°	5.1	5.5	5.5	6.0	5.6	6.0	6.0	6.3	6.2	6.9	7.0	7.4	6.9
125,0°	3.5	3.7	3.7	4.0	3.9	4.2	4.0	4.4	4.4	4.9	4.9	5.5	4.9
127,5°	2.3	2.5	2.5	2.6	2.5	2.6	2.8	2.8	3.0	3.2	3.5	3.7	3.5
130,0°	1.9	1.9	1.9	2.3	2.1	2.5	2.3	2.5	2.6	2.6	3.2	3.3	3.2
132,5°	1.6	1.6	1.6	1.6	1.8	1.8	1.9	1.9	1.9	2.3	2.5	2.8	2.5
135,0°	1.1	1.1	1.1	1.2	1.2	1.4	1.4	1.6	1.6	1.8	2.1	2.1	1.9
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
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.: 5XA5255FF14HP EAN: 4058352834756	LP-Nummer 58715_18
		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°	9.0	9.0	8.8	8.6	8.4	8.4	7.4	7.6	7.2	7.2	6.9	6.9	6.5
117,5°	9.0	9.0	8.6	8.4	8.4	8.4	7.0	7.2	6.9	6.9	6.5	6.3	6.2
120,0°	8.4	8.3	8.1	7.9	7.9	7.7	6.3	6.5	6.2	6.2	5.8	5.8	5.5
122,5°	7.2	6.9	6.7	6.5	6.7	6.3	4.8	5.1	4.8	4.8	4.4	4.4	4.4
125,0°	5.3	4.8	4.9	4.4	4.6	4.2	3.0	3.3	3.0	3.2	3.0	3.0	2.6
127,5°	3.5	3.2	3.2	2.6	2.8	2.8	2.1	2.3	2.1	1.9	1.9	1.9	1.9
130,0°	3.0	2.8	2.6	2.3	2.3	2.1	1.6	1.9	1.8	1.8	1.6	1.6	1.4
132,5°	2.3	2.3	2.1	1.9	1.8	1.8	1.4	1.4	1.4	1.4	1.2	1.1	1.1
135,0°	1.8	1.6	1.6	1.2	1.2	1.1	0.9	1.1	0.7	0.9	0.9	0.9	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
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	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.0	5.6	5.6	1.9	992.3
117,5°	6.2	5.8	6.0	6.0	6.2	6.0	6.0	6.0	5.8	5.5	5.3	1.8	994.1
120,0°	5.5	5.1	5.3	5.3	5.6	5.5	5.6	5.5	5.5	4.8	4.9	1.6	995.7
122,5°	4.4	3.9	4.2	4.0	4.4	4.2	4.6	4.4	4.4	3.9	3.9	1.2	996.9
125,0°	2.6	2.5	2.8	2.6	3.2	3.2	3.3	3.3	3.3	2.8	2.8	0.8	997.8
127,5°	1.8	1.8	1.9	1.8	2.3	2.5	2.5	2.8	2.5	2.5	2.5	0.6	998.3
130,0°	1.4	1.4	1.6	1.8	2.1	2.1	2.5	2.6	2.6	2.3	2.5	0.5	998.8
132,5°	1.2	1.1	1.2	1.2	1.6	1.9	2.1	2.5	2.5	2.3	2.1	0.4	999.2
135,0°	0.9	0.9	0.9	0.9	1.1	1.4	1.8	1.9	2.1	2.1	2.1	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 LED	Bestell-Nr.: 5XA5255FF14HP EAN: 4058352834756	LP-Nummer 58715_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	4700	33.6	35.9	34.8
95	241	252	4459	31.3	33.5	32.4
90	229	250	4237	29.4	31.4	30.4
85	216	248	3997	27.3	29.2	28.2
80	203	246	3756	25.4	27.1	26.2
75	190	243	3516	23.5	25.1	24.3
70	178	241	3294	21.9	23.3	22.6
65	165	238	3053	20.1	21.4	20.8
60	152	235	2813	18.4	19.5	19.0
55	140	232	2591	16.8	17.9	17.4
50	127	229	2350	15.2	16.2	15.7
45	114	225	2109	13.7	14.5	14.1
40	102	221	1887	12.2	13.0	12.6
35	89	216	1647	10.7	11.3	11.0
30	76	210	1406	9.2	9.7	9.4
25	63	203	1166	7.8	8.2	8.0
20	51	195	944	6.6	6.9	6.8
15	38	184	703	5.2	5.5	5.4
11	28	173	518	4.1	4.4	4.2