

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255AF14HP**
EAN: **4058352833407**

LP-Nummer
58714_17



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 2200 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 3910 lm Systemleistung = 33.6 W Lichtausbeute = 116.4 lm/W

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

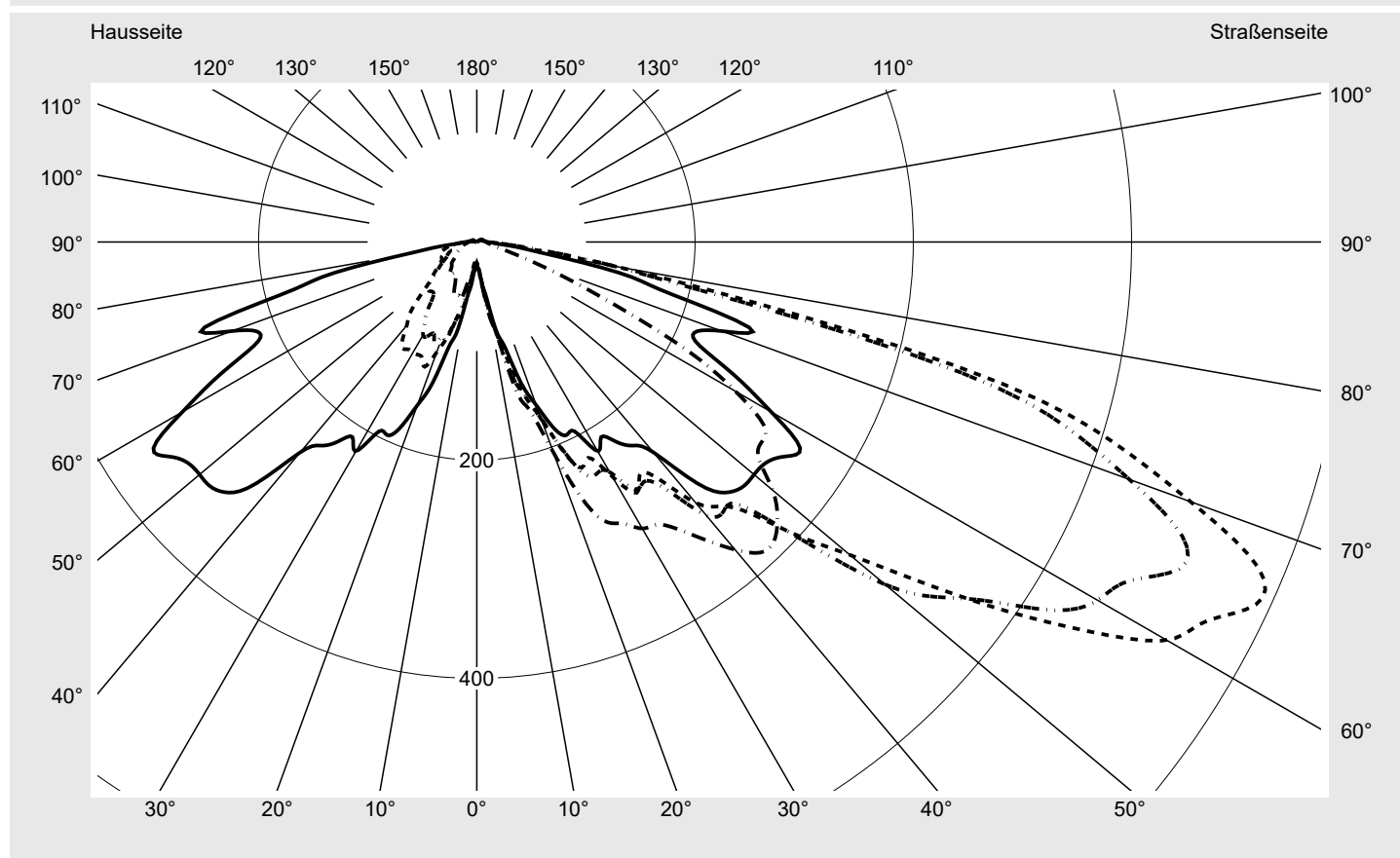
C180-0

C205-25

C210-30

C270-90

Imax: 787 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	98.0%
Eta 90° - 180°	2.0%

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	696.0
Imax 80°	140.1
Imax 90°	10.7
Imax >90°	9.6
Imax >95°	7.3

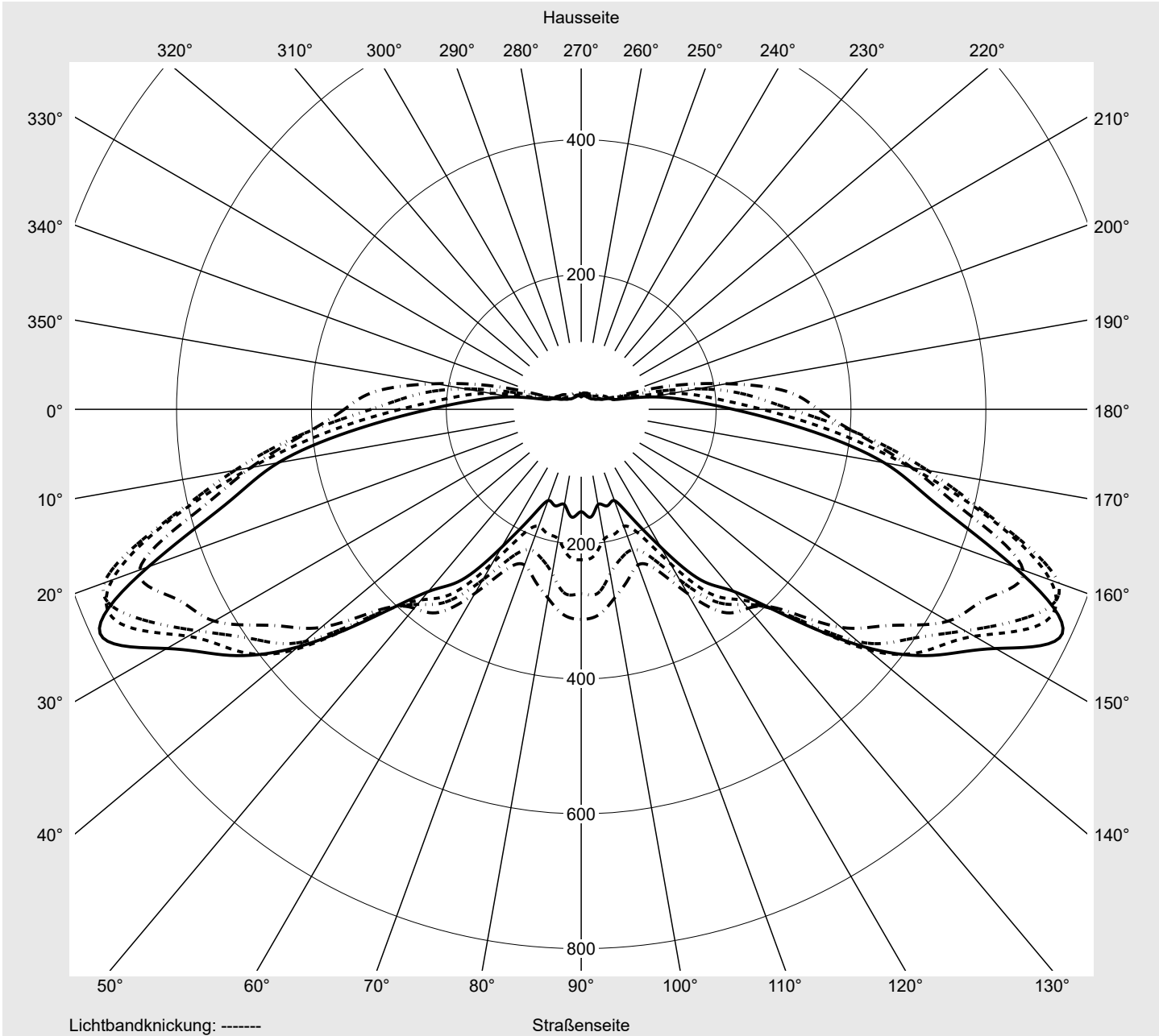
Messbedingungen

DIN EN 13032 und DIN 5032

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Familie LATERNE LED	Bestell-Nr.: 5XA5255AF14HP EAN: 4058352833407	LP-Nummer 58714_17
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Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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Familie LATERNE LED	Bestell-Nr.: 5XA5255AF14HP EAN: 4058352833407	LP-Nummer 58714_17
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
2,5°	24.9	23.9	24.4	23.7	24.1	23.5	24.1	23.9	24.6	24.6	25.1	24.7	25.2
5,0°	25.9	27.5	28.8	29.3	30.7	30.0	30.7	29.9	29.7	29.0	30.0	29.3	30.5
7,5°	40.6	40.1	42.1	40.6	40.6	40.8	40.9	40.9	41.5	40.9	42.0	39.9	44.9
10,0°	53.2	50.2	55.1	58.0	61.8	63.0	69.1	66.0	71.7	69.9	69.9	67.6	67.9
12,5°	84.8	90.8	101.3	95.5	100.0	89.4	89.1	88.9	91.1	94.2	97.4	93.7	100.1
15,0°	100.1	116.9	123.7	122.0	113.1	115.5	129.5	133.8	130.7	130.7	130.7	118.4	118.9
17,5°	136.5	134.9	144.7	140.4	150.1	149.8	146.9	137.3	143.1	162.2	163.1	149.8	154.6
20,0°	159.2	167.7	178.3	175.9	174.9	171.6	173.0	165.8	168.6	175.7	190.7	178.4	185.1
22,5°	184.9	198.2	205.4	203.9	211.9	208.5	206.6	193.8	190.7	186.6	198.2	209.7	213.1
25,0°	195.2	196.5	201.6	212.2	214.1	228.1	235.4	231.3	234.4	215.3	204.9	208.5	219.2
27,5°	196.5	202.5	216.7	216.3	216.7	223.0	239.0	248.9	263.9	245.0	221.4	210.7	229.6
30,0°	221.4	230.0	233.7	238.7	244.6	248.2	243.4	248.7	277.4	281.5	257.3	225.2	240.7
32,5°	212.1	230.8	245.7	254.7	264.1	272.6	268.5	259.8	276.0	290.4	276.2	246.9	257.8
35,0°	224.0	229.5	238.0	250.8	250.6	260.3	267.8	266.0	274.5	285.1	298.9	285.8	283.2
37,5°	235.3	232.2	223.7	244.1	251.8	273.8	286.3	292.6	308.4	313.1	313.2	319.9	317.7
40,0°	251.6	255.6	264.8	264.6	294.3	312.0	326.9	314.8	329.6	339.2	319.9	329.8	338.3
42,5°	301.3	302.1	317.8	307.8	324.0	328.7	334.7	337.4	332.2	352.8	336.9	324.5	345.0
45,0°	324.7	330.8	360.5	358.1	366.8	349.9	340.7	334.7	349.9	361.7	356.2	340.9	357.4
47,5°	331.5	351.9	410.6	409.1	417.6	397.8	403.8	374.3	377.2	359.6	349.2	347.7	348.9
50,0°	331.6	369.4	450.6	441.3	479.7	446.3	488.6	457.6	420.0	386.8	371.2	342.6	334.5
52,5°	333.2	372.4	460.5	477.5	542.5	511.1	534.8	507.0	454.7	409.4	390.0	353.3	318.5
55,0°	343.1	386.2	464.9	526.6	619.3	587.9	574.2	531.6	476.7	416.3	390.0	361.0	314.1
57,5°	351.3	410.1	497.5	591.8	697.2	664.0	628.3	558.9	503.3	419.7	385.2	367.6	315.3
60,0°	311.5	413.0	521.5	636.0	752.5	730.0	657.0	593.9	536.2	429.4	377.7	348.5	292.2
62,5°	268.4	375.2	496.6	629.3	740.2	753.0	673.2	624.2	554.6	432.6	369.0	333.9	263.7
65,0°	225.5	332.5	456.2	546.3	683.1	787.2	709.5	636.3	548.1	436.2	353.0	309.0	236.5
67,5°	216.3	327.0	442.0	500.5	642.7	773.3	698.1	593.5	536.9	412.7	326.4	282.0	205.7
70,0°	238.7	337.4	431.3	497.8	592.2	696.0	636.3	550.2	463.7	376.7	291.6	250.8	169.7
72,5°	262.7	360.0	404.3	484.0	575.6	612.5	568.1	481.9	366.8	306.2	233.7	203.5	137.2
75,0°	184.1	298.4	330.1	390.0	472.4	491.7	452.4	348.2	243.6	213.8	196.9	182.7	127.6
77,5°	140.2	207.8	216.2	262.2	276.9	275.0	230.1	181.7	147.4	136.0	142.1	144.7	100.8
80,0°	70.8	92.1	109.4	140.1	118.1	130.2	128.6	120.6	98.6	77.3	55.8	73.5	42.0
82,5°	39.8	45.0	48.3	67.7	48.5	50.5	64.8	82.9	62.6	46.7	28.5	21.2	13.8
85,0°	19.3	22.5	20.8	25.4	18.6	25.9	32.1	40.1	24.1	20.6	13.8	12.6	11.1
87,5°	14.0	14.3	13.6	15.0	14.5	17.1	17.2	16.5	14.3	13.5	10.9	10.6	9.7
90,0°	10.1	10.4	10.4	10.7	10.4	10.6	9.9	9.9	9.6	9.6	9.0	9.0	8.5
92,5°	8.9	9.2	9.0	9.6	9.2	9.4	8.9	8.9	8.5	8.5	8.2	8.2	8.2
95,0°	7.5	7.8	7.8	8.2	8.2	8.2	8.0	8.0	7.7	7.7	7.5	7.7	7.5
97,5°	6.5	6.8	6.8	7.0	7.2	7.3	7.0	7.2	7.2	7.2	6.8	7.2	7.0
100,0°	5.8	5.8	5.8	6.1	6.1	6.1	6.1	6.3	6.1	6.5	6.3	6.5	6.5
102,5°	5.1	5.1	5.1	5.5	5.5	5.5	5.6	5.8	5.8	5.8	5.8	5.8	6.0
105,0°	4.8	4.8	4.8	4.9	5.1	5.3	5.3	5.5	5.5	5.5	5.5	5.8	5.8
107,5°	4.6	4.8	4.8	4.8	4.9	5.1	5.1	5.3	5.3	5.5	5.5	5.5	5.6
110,0°	4.6	4.6	4.8	4.8	4.9	4.9	5.3	5.3	5.3	5.3	5.5	5.5	5.5
112,5°	4.4	4.6	4.6	4.6	4.9	4.9	5.1	5.3	5.3	5.3	5.5	5.3	5.5

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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°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
2,5°	24.7	25.2	24.6	24.9	24.6	24.9	24.9	24.4	24.2	22.9	22.7	21.2	21.0
5,0°	30.4	31.2	30.2	31.2	29.9	31.0	25.1	24.1	23.4	22.7	22.2	21.7	21.3
7,5°	44.4	45.9	41.5	43.2	44.5	45.7	40.3	34.0	35.1	30.9	33.1	28.1	30.7
10,0°	63.3	63.1	60.7	65.5	66.0	71.7	55.6	58.5	55.4	56.8	47.1	42.1	38.0
12,5°	91.8	97.1	90.6	94.5	91.4	92.1	73.7	76.4	72.0	73.9	67.9	59.0	63.3
15,0°	115.5	121.8	115.8	132.6	125.7	143.6	98.1	87.3	83.3	75.1	73.0	73.9	71.0
17,5°	154.6	167.5	174.4	163.9	151.8	161.7	126.1	121.8	109.0	106.1	92.6	94.0	81.5
20,0°	179.1	189.0	190.7	200.3	198.1	205.4	147.6	130.9	130.5	118.4	107.6	91.4	88.5
22,5°	214.4	220.9	227.9	245.5	246.0	257.9	171.5	166.8	149.6	133.2	123.7	100.0	84.4
25,0°	232.7	244.0	258.6	279.8	284.0	283.5	176.7	170.1	156.6	145.2	118.1	93.0	77.8
27,5°	248.4	257.1	274.5	293.8	292.2	291.0	191.8	173.3	139.9	126.8	116.5	97.2	79.3
30,0°	263.7	273.1	287.3	300.3	300.3	303.3	193.3	167.4	140.4	130.9	117.0	98.6	72.5
32,5°	279.4	298.6	304.2	307.6	305.5	307.1	190.2	167.5	155.9	137.5	116.7	89.1	59.7
35,0°	295.5	312.7	317.5	318.9	317.1	321.4	225.7	194.1	169.1	148.9	118.9	81.2	54.6
37,5°	305.2	322.8	327.0	338.0	340.7	344.3	232.4	211.9	171.8	151.2	111.4	68.2	52.2
40,0°	322.3	336.1	344.4	357.2	363.0	368.2	245.2	206.4	170.6	138.5	99.8	61.6	52.5
42,5°	345.8	351.8	358.3	370.5	379.2	385.9	291.4	237.0	185.8	147.7	92.0	61.4	56.6
45,0°	365.4	354.0	365.8	377.2	385.7	385.9	321.8	260.3	196.2	149.6	80.0	62.8	58.0
47,5°	357.1	345.0	363.5	369.7	375.2	373.6	328.9	267.0	202.8	133.1	66.0	59.7	54.4
50,0°	334.9	320.7	341.2	347.3	356.7	353.8	325.3	262.6	198.9	107.1	56.1	53.9	49.5
52,5°	301.1	291.0	317.5	323.6	329.8	325.5	322.9	254.4	192.3	85.5	50.8	48.3	44.7
55,0°	279.1	264.8	290.9	303.0	315.8	319.0	325.3	246.2	172.6	66.7	46.1	43.2	39.9
57,5°	261.7	245.8	263.7	284.2	305.5	311.5	305.7	218.9	131.9	56.3	42.3	39.2	36.5
60,0°	240.7	221.8	228.8	247.5	274.3	273.6	246.7	174.9	89.9	51.9	38.7	35.5	33.3
62,5°	204.6	184.6	191.4	195.7	218.2	223.1	194.5	136.5	62.4	46.6	36.2	31.9	29.5
65,0°	177.9	144.2	148.3	143.5	160.5	151.8	157.1	105.9	57.8	46.2	35.5	30.0	25.9
67,5°	144.5	106.5	103.4	99.1	106.6	97.9	149.4	91.1	65.5	49.5	34.6	28.5	23.5
70,0°	118.9	81.0	63.6	58.5	64.8	60.1	163.3	95.4	68.2	48.1	32.2	26.4	21.2
72,5°	91.6	63.1	40.6	35.0	35.8	34.8	152.9	92.1	62.6	41.6	32.4	25.4	20.3
75,0°	70.3	36.2	28.7	23.5	23.5	22.2	95.2	66.4	53.4	37.0	33.3	25.8	20.8
77,5°	48.8	22.5	20.5	17.2	17.2	16.4	69.8	51.7	45.2	35.8	30.2	25.8	21.5
80,0°	20.6	14.2	14.0	13.3	13.6	13.3	49.5	43.0	38.0	33.6	27.3	24.4	20.5
82,5°	12.3	10.9	10.9	10.9	11.1	10.9	29.5	29.9	27.8	24.6	22.9	20.8	17.7
85,0°	10.2	9.9	9.9	9.9	9.9	9.9	18.4	20.6	22.2	22.7	19.6	17.9	15.5
87,5°	9.2	9.2	9.2	9.0	9.2	8.9	14.0	15.4	14.8	15.5	13.5	13.6	12.3
90,0°	8.5	8.5	8.5	8.5	8.5	8.5	10.1	9.9	9.6	9.6	9.4	9.0	9.0
92,5°	8.2	7.8	8.2	8.2	8.2	8.2	8.5	8.7	8.2	8.2	7.8	8.0	7.7
95,0°	7.5	7.5	7.7	7.7	7.8	7.8	7.3	7.2	6.8	6.8	6.5	6.5	6.3
97,5°	7.2	6.8	7.2	7.2	7.2	7.2	6.3	6.3	6.1	5.8	5.6	5.5	5.3
100,0°	6.5	6.5	6.5	6.5	6.5	6.5	5.5	5.5	5.1	5.1	4.8	4.8	4.6
102,5°	6.1	6.0	6.1	6.0	6.1	6.1	5.1	4.8	4.8	4.8	4.4	4.4	4.1
105,0°	5.8	5.8	5.8	5.8	5.8	5.8	4.8	4.8	4.4	4.4	4.3	4.1	3.9
107,5°	5.5	5.6	5.5	5.5	5.6	5.8	4.6	4.4	4.4	4.1	4.1	3.9	3.8
110,0°	5.5	5.5	5.5	5.6	5.5	5.5	4.4	4.4	4.3	4.1	4.1	3.9	3.8
112,5°	5.5	5.5	5.5	5.5	5.5	5.5	4.4	4.4	4.1	4.1	3.9	3.8	3.4

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		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°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	0.0	0.0
2,5°	20.6	20.5	20.5	20.3	20.3	20.5	20.5	20.5	20.5	20.3	20.5	0.3	0.3
5,0°	20.8	20.5	20.3	20.1	20.1	20.1	20.1	20.0	20.0	20.0	20.1	0.6	0.9
7,5°	27.0	27.8	24.4	25.1	23.5	23.0	21.8	22.9	21.8	22.0	21.8	1.3	2.2
10,0°	35.7	35.8	36.2	35.0	34.5	30.7	32.6	33.3	33.4	38.2	34.5	2.5	4.7
12,5°	61.9	57.5	50.8	50.3	46.6	50.2	48.6	47.3	41.8	39.1	37.2	4.5	9.2
15,0°	72.2	61.2	59.9	59.0	56.6	53.4	43.5	45.2	51.5	53.7	53.2	6.7	15.9
17,5°	75.4	70.5	61.9	59.2	56.8	55.8	55.8	52.2	53.4	52.9	52.2	9.5	25.4
20,0°	78.5	65.5	58.9	56.0	56.1	55.3	51.7	48.6	50.7	49.3	52.9	12.3	37.7
22,5°	67.7	54.3	52.4	51.0	51.4	51.2	51.0	47.9	49.1	52.9	53.2	15.7	53.4
25,0°	63.5	51.7	49.5	48.5	47.9	48.8	50.3	47.3	46.7	49.0	49.1	18.4	71.8
27,5°	61.9	51.0	48.8	47.8	46.4	45.6	46.2	44.0	43.0	43.2	43.0	20.6	92.4
30,0°	58.5	52.0	49.1	48.8	45.4	44.2	44.0	40.9	39.1	39.6	38.9	23.5	115.9
32,5°	49.0	48.8	48.8	49.1	47.3	45.0	42.3	39.8	36.3	36.3	35.5	26.1	142.0
35,0°	49.8	47.8	47.9	47.3	45.7	43.7	41.6	39.9	36.2	36.0	34.5	28.8	170.7
37,5°	50.2	47.3	44.7	43.7	44.9	42.7	42.0	40.8	37.7	38.4	36.5	31.8	202.6
40,0°	50.0	46.9	43.7	41.5	39.9	39.2	40.1	39.6	38.9	40.3	39.2	35.5	238.1
42,5°	50.7	46.7	43.8	41.5	39.9	38.4	37.5	36.9	36.5	37.0	35.8	39.8	278.0
45,0°	52.4	47.1	43.3	40.8	39.2	37.7	36.7	35.8	34.1	34.0	32.8	43.7	321.7
47,5°	50.2	45.0	41.5	38.7	37.5	36.0	35.5	34.3	32.8	32.2	31.0	47.1	368.8
50,0°	46.1	42.0	38.6	35.8	34.8	33.3	32.9	32.1	31.2	30.4	30.0	50.3	419.1
52,5°	41.5	37.5	35.0	32.6	31.7	30.7	30.4	29.5	28.8	27.6	27.0	52.7	471.8
55,0°	37.2	33.6	31.2	29.0	28.7	27.8	27.8	27.0	26.4	25.4	24.2	55.2	527.0
57,5°	34.0	30.7	28.5	26.4	26.1	25.6	25.6	25.1	24.7	23.9	22.5	57.9	584.9
60,0°	30.7	27.5	25.8	24.2	24.2	23.7	23.9	23.5	23.2	22.5	21.2	58.6	643.5
62,5°	27.5	24.4	23.2	22.3	22.2	22.0	22.2	22.0	21.8	21.2	20.1	56.7	700.2
65,0°	23.9	21.8	21.0	20.5	20.5	20.1	20.6	20.5	20.5	19.6	18.4	53.7	754.0
67,5°	21.5	19.8	19.3	18.8	18.9	18.6	19.1	18.9	18.9	18.6	17.1	50.7	804.7
70,0°	19.8	18.3	17.7	17.2	17.4	17.2	17.6	17.6	17.7	17.2	16.0	47.2	851.8
72,5°	18.4	17.2	16.5	16.0	16.2	16.2	16.5	16.5	16.4	16.2	14.7	42.7	894.5
75,0°	18.1	16.2	15.4	14.8	15.2	15.0	15.2	15.2	15.4	15.0	13.6	34.0	928.5
77,5°	17.9	15.7	14.3	13.8	13.8	13.8	13.8	13.8	14.0	13.6	12.6	22.5	951.0
80,0°	17.7	15.2	13.6	13.0	12.8	12.5	12.5	12.1	12.5	12.1	10.9	12.9	963.9
82,5°	16.2	14.0	12.8	11.8	11.6	11.1	11.3	11.1	10.9	10.6	9.6	7.4	971.3
85,0°	14.0	12.5	11.6	10.7	10.6	10.4	10.4	10.1	10.2	9.9	8.5	4.5	975.8
87,5°	12.3	10.7	10.4	9.7	9.7	9.6	9.6	9.4	9.6	9.2	7.8	3.3	979.1
90,0°	9.0	9.0	8.9	8.7	8.7	8.7	8.7	8.7	8.5	8.5	7.2	2.5	981.6
92,5°	7.7	7.3	7.7	7.2	7.5	7.2	7.5	7.2	7.2	6.8	6.1	2.2	983.9
95,0°	6.1	6.0	6.0	5.8	5.8	5.6	5.8	5.5	5.8	5.3	4.8	1.9	985.8
97,5°	5.3	5.1	5.1	4.8	4.8	4.6	4.8	4.6	4.4	4.3	4.1	1.7	987.4
100,0°	4.4	4.4	4.3	4.1	4.1	3.9	3.9	3.8	3.8	3.8	3.4	1.4	988.9
102,5°	4.1	3.9	3.8	3.8	3.8	3.4	3.4	3.4	3.4	3.4	3.1	1.3	990.2
105,0°	3.8	3.8	3.6	3.4	3.4	3.4	3.4	3.2	3.1	3.1	3.1	1.2	991.4
107,5°	3.8	3.6	3.4	3.4	3.2	3.1	3.1	3.1	3.1	3.1	3.1	1.2	992.6
110,0°	3.6	3.4	3.4	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	1.1	993.7
112,5°	3.4	3.4	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	1.1	994.8

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255AF14HP EAN: 4058352833407	LP-Nummer 58714_17
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°	4.3	4.6	4.6	4.6	4.8	4.8	4.9	5.1	5.3	5.5	5.5	5.3	5.3
117,5°	4.1	4.3	4.4	4.6	4.6	4.8	4.9	5.1	5.3	5.3	5.3	5.3	5.3
120,0°	3.6	3.9	4.1	4.3	4.1	4.4	4.6	4.9	4.9	4.9	4.9	5.1	4.8
122,5°	2.7	3.2	3.1	3.4	3.4	3.6	3.8	4.1	4.1	4.1	4.1	4.1	3.9
125,0°	1.7	2.2	2.2	2.4	2.4	2.6	2.7	2.9	2.9	3.1	2.7	2.9	2.6
127,5°	1.0	1.4	1.4	1.7	1.5	1.7	1.9	2.2	2.2	2.2	2.0	1.9	1.9
130,0°	1.0	1.2	1.2	1.4	1.4	1.5	1.7	1.9	1.9	1.9	1.7	1.7	1.5
132,5°	0.7	0.9	1.0	1.0	1.2	1.4	1.4	1.5	1.7	1.5	1.5	1.4	1.2
135,0°	0.3	0.7	0.7	0.9	1.0	1.0	1.2	1.5	1.5	1.4	1.5	1.4	1.0
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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.: 5XA5255AF14HP EAN: 4058352833407	LP-Nummer 58714_17
		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°	5.3	5.5	5.5	5.5	5.5	5.5	4.1	4.1	3.9	3.8	3.8	3.4	3.4
117,5°	5.3	5.1	5.1	5.1	5.1	5.1	4.1	3.8	3.8	3.4	3.4	3.4	3.1
120,0°	4.9	4.8	4.8	4.8	4.8	4.8	3.4	3.4	3.1	3.1	3.1	3.1	2.7
122,5°	4.1	3.9	3.9	3.8	3.9	3.8	2.7	2.7	2.4	2.4	2.4	2.4	2.2
125,0°	2.7	2.4	2.6	2.4	2.4	2.4	1.7	1.7	1.7	1.7	1.5	1.5	1.4
127,5°	1.7	1.5	1.5	1.4	1.4	1.4	1.2	1.2	1.0	1.0	1.0	1.0	1.0
130,0°	1.5	1.4	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
132,5°	1.2	1.0	0.9	0.9	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
135,0°	1.0	0.7	0.7	0.5	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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°	3.4	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	1.1	995.9
117,5°	3.1	3.1	2.9	2.9	3.1	3.1	3.1	2.9	3.1	3.1	3.1	1.0	996.9
120,0°	2.7	2.6	2.7	2.7	2.7	2.9	2.7	2.9	2.9	3.1	3.1	0.9	997.8
122,5°	2.0	2.0	2.0	2.0	2.2	2.4	2.4	2.6	2.7	2.7	3.1	0.7	998.5
125,0°	1.4	1.4	1.4	1.4	1.7	1.7	1.9	2.0	2.2	2.6	2.7	0.5	999.0
127,5°	1.0	1.0	1.0	1.2	1.4	1.4	1.7	1.9	2.0	2.4	2.4	0.3	999.3
130,0°	0.9	0.9	1.0	1.2	1.2	1.5	1.7	1.9	2.0	2.4	2.4	0.3	999.6
132,5°	0.7	0.7	0.7	0.9	1.2	1.2	1.5	1.9	1.9	2.2	2.4	0.2	999.8
135,0°	0.5	0.5	0.7	0.9	0.9	1.2	1.5	1.7	1.9	2.2	2.4	0.2	1000.0
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
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.: 5XA5255AF14HP EAN: 4058352833407	LP-Nummer 58714_17
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sitEco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	3910	33.6	35.9	34.8
95	241	252	3710	31.3	33.5	32.4
90	229	250	3525	29.4	31.4	30.4
85	216	248	3325	27.3	29.2	28.2
80	203	246	3125	25.4	27.1	26.2
75	190	243	2925	23.5	25.1	24.3
70	178	241	2740	21.9	23.3	22.6
65	165	238	2540	20.1	21.4	20.8
60	152	235	2340	18.4	19.5	19.0
55	140	232	2155	16.8	17.9	17.4
50	127	229	1955	15.2	16.2	15.7
45	114	225	1755	13.6	14.5	14.0
40	102	221	1570	12.2	13.0	12.6
35	89	216	1370	10.7	11.3	11.0
30	76	210	1170	9.2	9.7	9.4
25	63	203	970	7.8	8.2	8.0
20	51	195	785	6.6	6.9	6.8
15	38	184	585	5.2	5.4	5.3
11	28	173	431	4.1	4.3	4.2