

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255KF14HP**
EAN: **4058352833506**

LP-Nummer
58714_19



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 4940 lm Systemleistung = 33.6 W Lichtausbeute = 147 lm/W

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

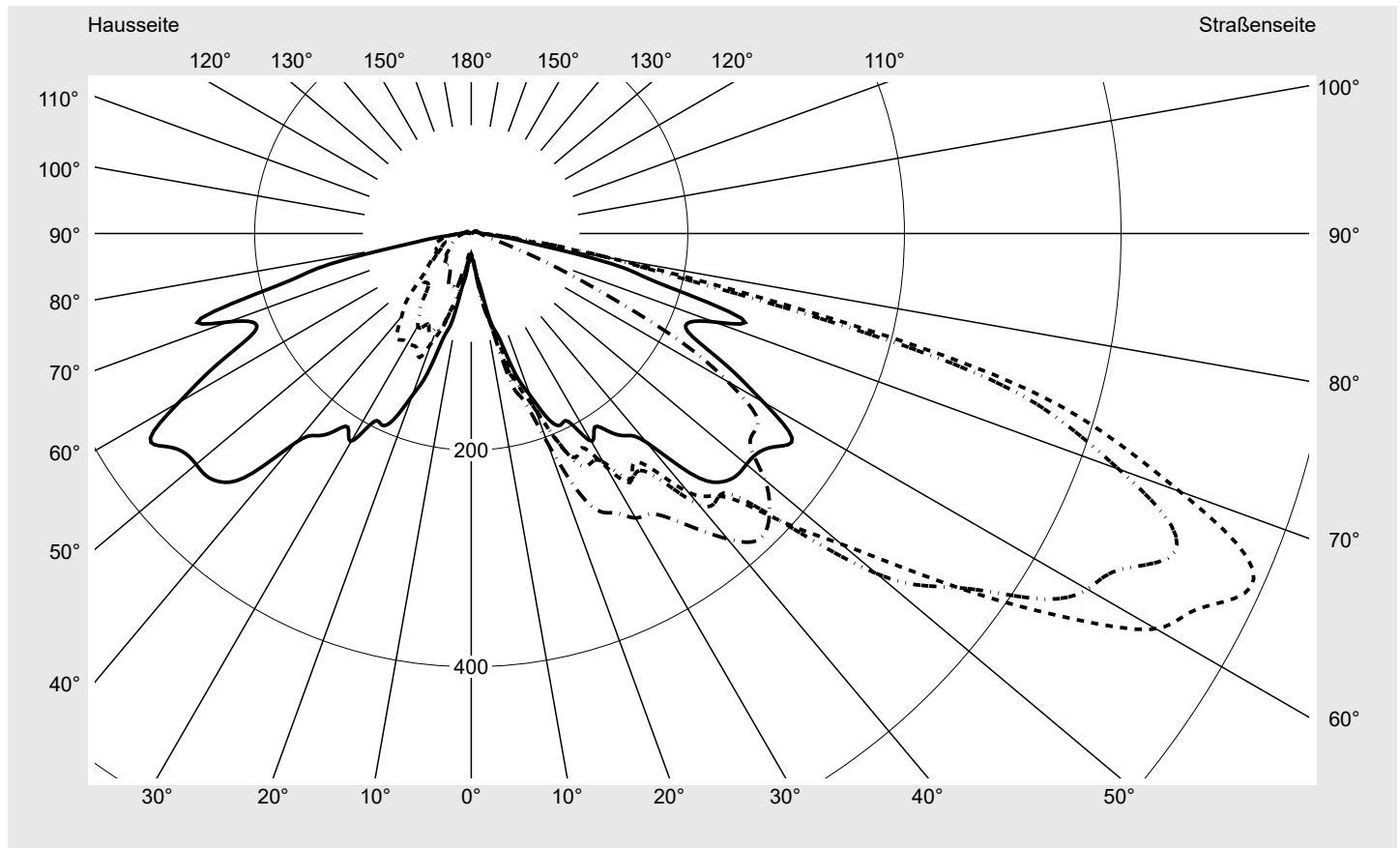
C180-0

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

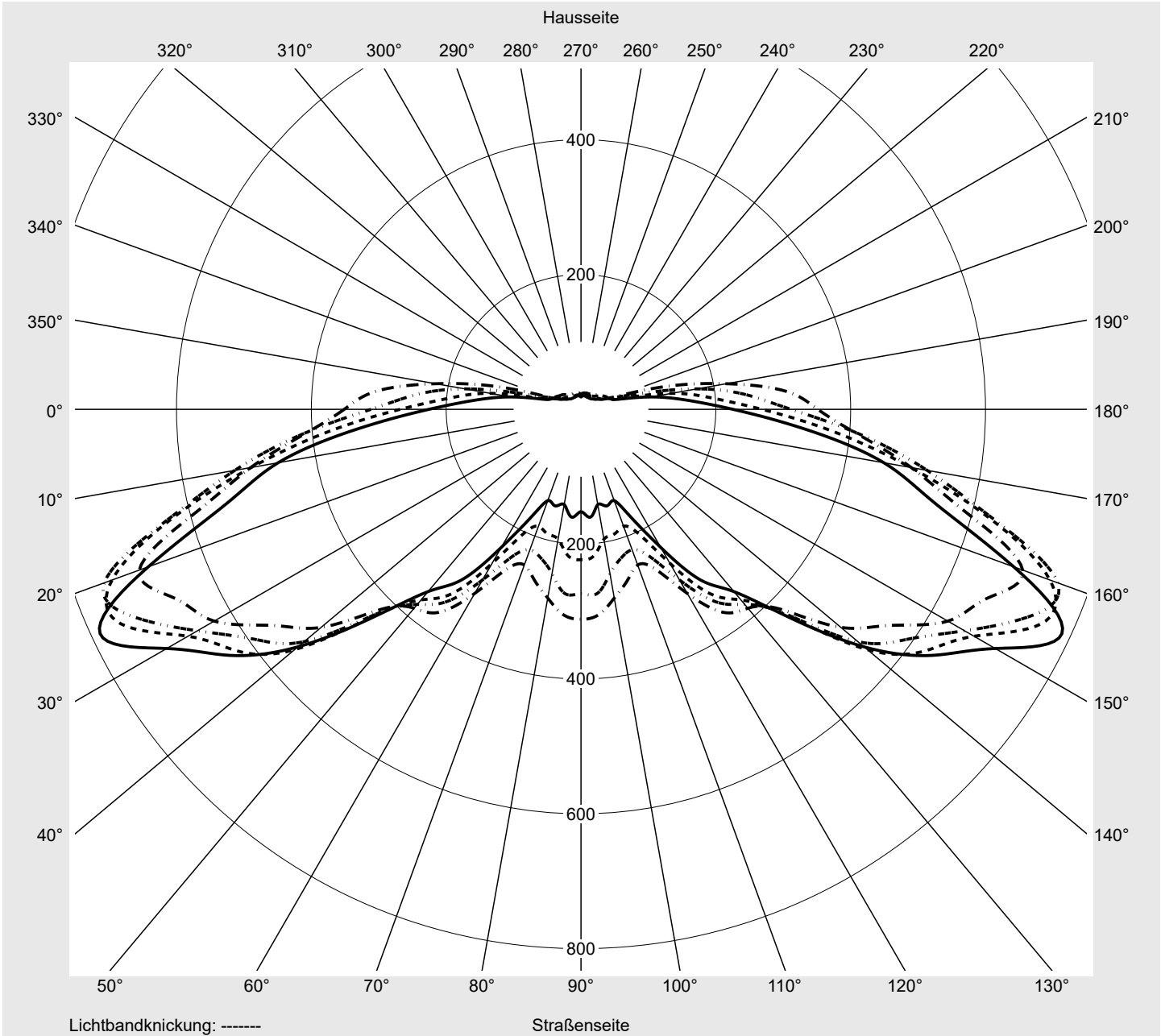
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14HP EAN: 4058352833506	LP-Nummer 58714_19
--------------------------------------	--	-------------------------------------

Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14HP EAN: 4058352833506	LP-Nummer 58714_19
--------------------------------------	--	-------------------------------------

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°	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

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14HP EAN: 4058352833506	LP-Nummer 58714_19
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

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14HP EAN: 4058352833506	LP-Nummer 58714_19
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°	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.: 5XA5255KF14HP EAN: 4058352833506	LP-Nummer 58714_19
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.: 5XA5255KF14HP EAN: 4058352833506	LP-Nummer 58714_19
		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.: 5XA5255KF14HP EAN: 4058352833506	LP-Nummer 58714_19
--------------------------------------	--	-------------------------------------

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	4940	33.6	35.9	34.8
95	241	252	4687	31.4	33.5	32.4
90	229	250	4454	29.4	31.4	30.4
85	216	248	4201	27.4	29.2	28.3
80	203	246	3948	25.5	27.1	26.3
75	190	243	3695	23.6	25.2	24.4
70	178	241	3462	21.9	23.3	22.6
65	165	238	3209	20.2	21.5	20.8
60	152	235	2956	18.5	19.6	19.0
55	140	232	2723	16.9	18.0	17.4
50	127	229	2470	15.3	16.2	15.8
45	114	225	2217	13.7	14.5	14.1
40	102	221	1984	12.3	13.0	12.6
35	89	216	1731	10.8	11.4	11.1
30	76	210	1478	9.3	9.8	9.6
25	63	203	1225	7.8	8.2	8.0
20	51	195	992	6.6	6.9	6.8
15	38	184	739	5.2	5.5	5.4
11	28	173	545	4.1	4.4	4.2