

Lichttechnischer Prüfbefund

Familie LATERNE LED



Bestell-Nr.: 5XA5255KF14H + 5XA54000XS
EAN: 4058352833483 + 4050737730073

LP-Nummer
59067_26

Seriendokumentation
08.07.2022

Ausführung Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, strukturiert
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1450 lm
 Systemleistung = 10.0 W
 Lichtausbeute = 145 lm/W

siteco

Lichtstärke in cd/klm

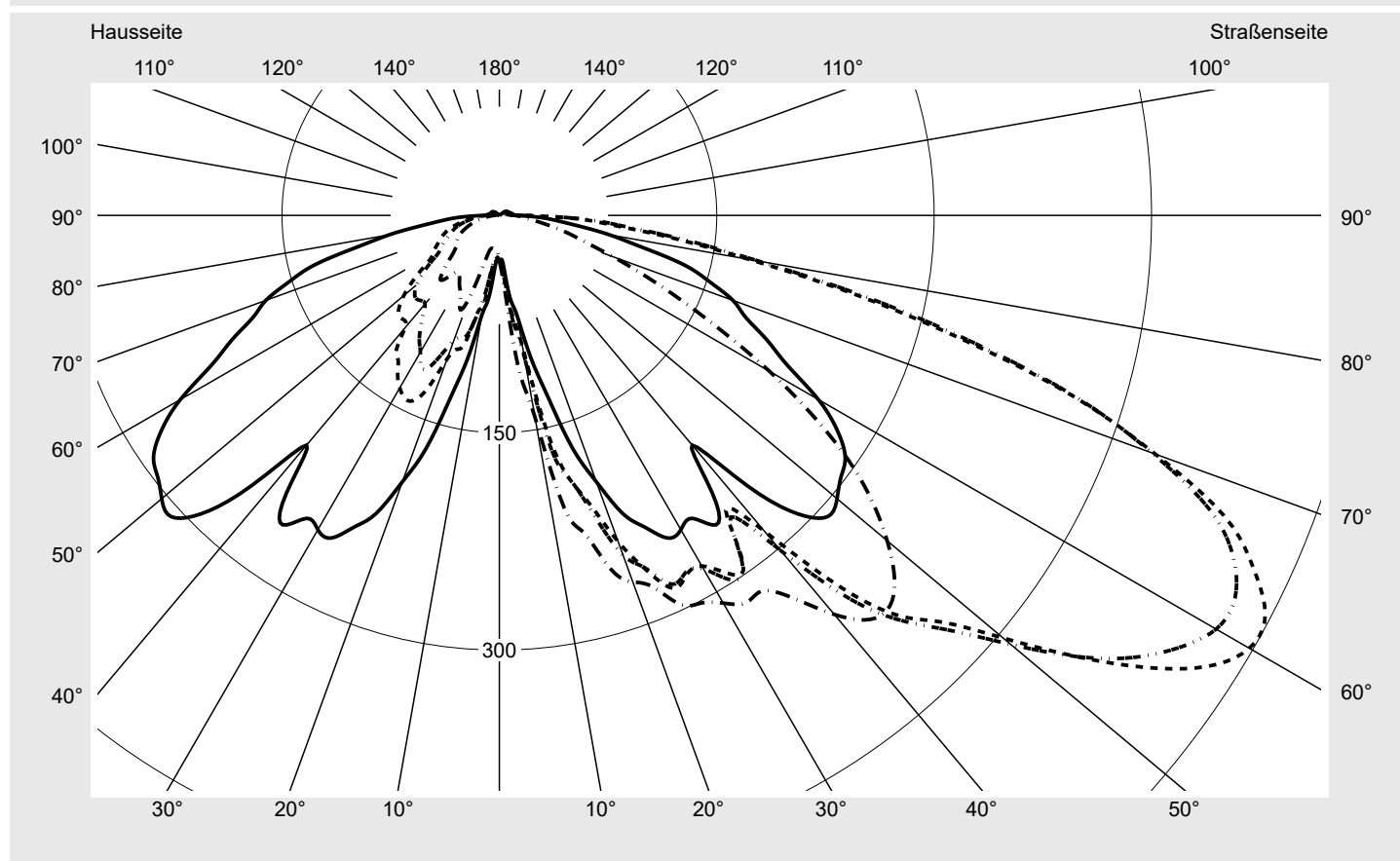
C180-0

C205-25

C210-30

C270-90

Imax: 598 cd/klm



Leuchtenbetriebswirkungsgrade

Eta 100.0%
 Eta 0° - 90° 97.6%
 Eta 90° - 180° 2.4%

Lichtstärkeklasse nach EN13201-2

Klasse: G1
 Imax 70° 481.7
 Imax 80° 181.8
 Imax 90° 18.2
 Imax >90° 9.9
 Imax >95° 8.8

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie
LATERNE LED

Bestell-Nr.: **5XA5255KF14H + 5XA54000XS**
EAN: **4058352833483 + 4050737730073**

LP-Nummer
59067_26

Kegelmantelkurven in cd/klm

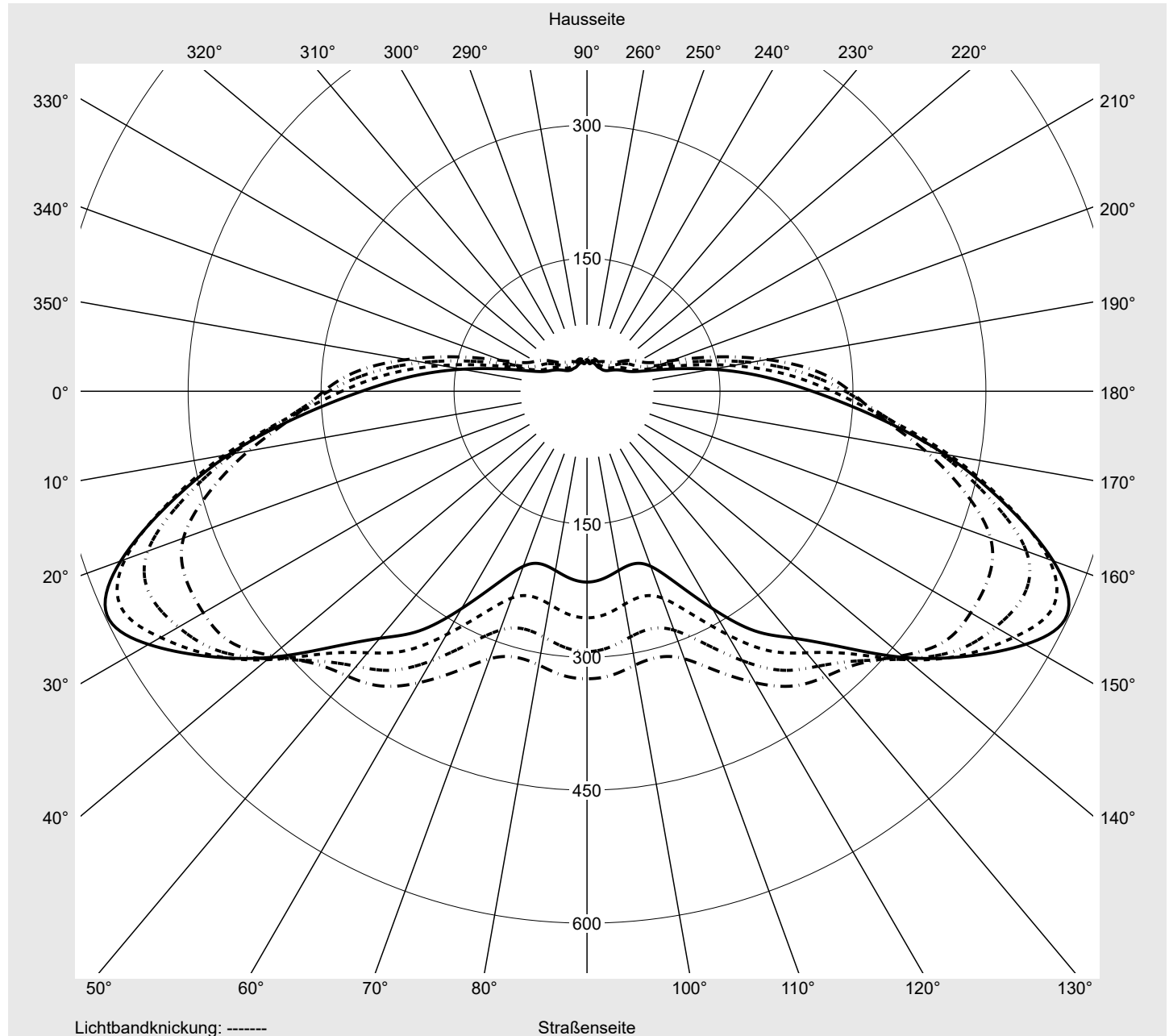
KMK 60°

KMK 57,5°

KMK 55°

KMK 52,5°

siteco



Lichttechnischer Prüfbefund

Familie LATERNE LED				Bestell-Nr.: 5XA5255KF14H + 5XA54000XS EAN: 4058352833483 + 4050737730073								LP-Nummer 59067_26	
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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2,5°	30.4	30.7	31.2	31.5	32.7	32.9	33.5	34.1	34.9	36.1	36.9	37.8	38.1
5,0°	36.9	39.2	40.6	42.9	45.4	47.1	49.1	51.4	54.0	56.5	58.8	59.9	61.6
7,5°	58.2	61.6	64.5	66.5	67.6	70.1	74.7	78.1	80.7	85.2	88.3	92.9	96.8
10,0°	70.1	73.8	78.1	81.2	86.1	92.3	99.1	108.8	118.7	127.2	132.9	134.9	136.0
12,5°	101.1	124.4	123.8	124.7	139.2	154.2	165.0	165.9	163.9	166.1	169.3	172.4	174.4
15,0°	130.1	140.0	152.2	171.2	186.3	189.1	188.9	194.0	194.8	201.1	200.8	205.6	208.5
17,5°	169.3	180.6	195.4	201.9	204.5	209.9	216.7	220.4	225.5	228.0	226.1	228.3	230.6
20,0°	195.7	209.9	225.2	233.7	235.1	239.7	249.6	239.7	235.1	240.5	242.0	242.5	242.5
22,5°	222.9	232.3	248.2	259.9	263.3	265.0	263.5	260.4	254.7	258.4	257.6	259.9	266.4
25,0°	237.4	252.2	266.1	276.9	284.3	284.0	280.9	275.2	268.4	269.5	270.1	277.2	282.6
27,5°	251.1	262.4	275.2	275.5	278.0	279.7	278.0	280.9	282.0	284.3	290.2	293.9	298.5
30,0°	250.5	258.7	267.8	271.5	277.5	279.5	281.7	286.0	294.8	301.0	307.6	310.1	314.1
32,5°	247.9	256.7	268.9	276.3	287.1	292.8	298.5	307.0	312.7	323.2	332.0	333.7	329.2
35,0°	260.7	269.8	278.0	283.4	290.2	293.4	291.9	301.0	305.3	314.4	329.4	331.1	330.0
37,5°	241.1	242.2	246.2	254.2	257.6	256.7	262.4	281.7	304.7	322.9	334.0	342.8	351.3
40,0°	207.0	213.0	229.5	253.3	272.1	284.6	301.9	325.2	342.2	354.1	362.1	374.6	377.7
42,5°	252.8	273.8	298.2	315.0	332.3	347.3	360.1	370.3	378.0	382.8	389.9	396.2	391.9
45,0°	291.4	313.0	342.8	365.8	382.0	391.1	396.5	402.4	404.4	407.8	409.5	406.1	402.1
47,5°	307.6	328.3	361.2	392.8	410.7	415.8	424.6	432.5	429.1	420.9	420.0	417.8	409.2
50,0°	304.2	330.0	374.6	414.1	443.6	453.8	460.6	464.9	453.3	435.6	425.7	417.8	401.3
52,5°	297.1	332.6	387.7	441.6	484.5	499.5	499.8	492.2	464.0	434.5	419.7	405.8	379.7
55,0°	291.4	339.1	405.3	471.4	527.4	543.9	532.2	509.5	469.7	430.3	405.0	384.2	351.0
57,5°	276.6	337.4	415.8	489.6	554.6	579.4	555.5	518.6	471.1	418.6	385.1	357.3	316.9
60,0°	254.2	326.3	409.8	487.1	559.8	597.5	571.1	521.4	467.2	408.4	363.8	330.0	283.1
62,5°	224.1	302.7	389.9	465.5	543.3	595.8	572.3	515.5	456.1	391.9	338.5	298.5	247.9
65,0°	203.9	279.2	364.1	434.8	511.5	573.7	558.9	497.0	433.4	368.6	314.1	267.0	217.0
67,5°	184.0	262.4	340.2	401.6	471.4	541.0	530.5	465.8	401.0	338.8	285.1	237.4	186.0
70,0°	171.5	243.1	313.0	360.7	418.0	481.7	479.1	419.5	360.7	305.0	255.0	206.7	168.4
72,5°	151.9	219.2	282.0	320.3	362.7	415.5	417.5	365.2	309.0	257.3	216.4	183.2	138.9
75,0°	132.1	190.0	234.0	265.0	295.6	331.1	338.0	297.9	249.3	209.0	176.6	152.8	115.0
77,5°	100.0	141.4	177.8	203.6	228.6	250.8	258.2	228.0	189.1	158.2	139.7	130.4	114.7
80,0°	77.2	102.8	127.5	146.5	160.7	175.2	181.8	164.7	141.7	119.8	106.5	101.7	80.4
82,5°	54.2	72.1	87.2	101.7	112.5	121.8	128.9	122.7	108.5	89.7	75.8	70.4	52.5
85,0°	38.9	49.4	59.9	68.2	73.6	79.8	86.3	86.3	77.5	63.0	53.1	47.4	37.8
87,5°	26.4	34.1	40.6	47.4	50.3	54.0	58.5	57.9	52.5	44.0	37.8	34.6	29.8
90,0°	10.8	11.4	11.9	12.8	13.6	14.5	16.2	17.6	17.6	17.6	17.6	18.2	17.3
92,5°	8.5	8.5	9.1	9.1	9.4	9.7	9.7	9.7	9.9	9.9	9.9	9.9	9.9
95,0°	8.0	8.0	8.5	8.5	8.8	9.1	9.1	9.1	9.1	9.1	9.4	9.4	9.4
97,5°	7.4	7.4	8.0	8.0	8.0	8.2	8.2	8.5	8.5	8.5	8.8	8.8	8.8
100,0°	6.8	7.1	7.4	7.4	7.7	7.7	8.0	8.0	8.0	8.0	8.0	8.2	8.2
102,5°	6.5	6.8	6.8	6.8	6.8	7.1	7.4	7.4	7.4	7.4	7.4	7.7	8.0
105,0°	6.2	6.2	6.2	6.5	6.8	6.8	6.8	6.8	6.8	7.1	7.4	7.4	7.4
107,5°	6.0	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8	6.8	6.8	6.8	7.4
110,0°	5.7	6.0	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8	6.8	6.8
112,5°	5.7	5.7	6.0	6.0	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8

Lichttechnischer Prüfbefund

Familie LATERNE LED				Bestell-Nr.: 5XA5255KF14H + 5XA54000XS EAN: 4058352833483 + 4050737730073								LP-Nummer 59067_26	
Wertetabelle Lichtstärkemessung												siteco	
Maximale Lichtstärke													
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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2,5°	38.3	38.9	39.2	39.2	39.5	39.8	30.1	29.5	29.5	29.0	29.0	28.7	28.4
5,0°	62.2	63.0	63.3	63.3	63.3	63.6	36.4	34.4	32.9	31.8	31.0	30.4	29.8
7,5°	102.8	107.4	111.3	112.7	111.9	111.3	53.4	49.4	43.5	38.9	34.9	32.7	32.1
10,0°	136.3	139.2	140.6	143.1	142.0	141.4	67.9	66.2	67.3	66.2	62.2	52.8	41.7
12,5°	177.2	181.2	187.7	197.7	204.5	206.7	88.6	81.5	73.6	69.3	68.2	69.6	67.0
15,0°	213.3	216.4	222.4	224.9	226.6	227.2	116.4	106.2	101.7	95.7	90.6	85.2	82.9
17,5°	235.4	240.0	245.4	251.6	254.5	256.2	141.4	126.1	113.0	104.5	96.8	88.0	79.2
20,0°	249.6	254.2	257.6	262.7	265.8	269.2	178.3	167.8	146.8	120.1	105.4	92.0	80.1
22,5°	270.1	272.4	275.2	276.3	276.9	277.7	201.9	188.6	168.4	149.1	128.9	103.4	84.3
25,0°	286.6	290.0	292.8	294.5	295.9	296.5	219.5	207.3	180.6	161.3	141.1	116.2	95.4
27,5°	303.0	307.3	307.9	305.3	303.0	301.6	234.0	214.1	188.0	166.1	142.0	117.3	92.3
30,0°	316.1	313.8	310.7	309.8	309.6	309.0	236.3	211.0	182.6	163.6	137.5	109.1	88.6
32,5°	325.2	319.2	314.1	313.5	315.0	316.9	232.3	205.0	177.5	153.9	130.6	102.8	81.5
35,0°	331.4	331.4	328.6	324.0	318.6	316.4	242.8	210.4	182.3	152.2	121.8	94.9	77.0
37,5°	354.7	350.5	339.7	333.1	331.4	332.8	232.3	203.9	178.6	153.9	116.7	86.6	72.4
40,0°	371.5	359.0	347.9	348.5	355.0	359.5	197.9	177.5	149.9	128.7	101.4	79.8	66.7
42,5°	379.7	367.2	361.2	365.8	373.5	378.3	226.6	192.3	159.6	126.9	97.7	79.8	68.4
45,0°	391.3	376.9	367.8	370.3	377.1	381.1	271.5	222.7	178.9	133.2	98.0	81.2	71.6
47,5°	391.6	371.5	359.8	361.8	367.2	369.8	279.7	229.8	178.9	128.1	93.7	79.2	70.7
50,0°	376.3	350.2	339.1	341.4	347.6	349.3	272.6	222.1	165.9	115.6	86.1	74.4	66.2
52,5°	348.5	321.2	310.7	313.5	321.5	324.3	259.9	206.2	149.7	100.8	76.4	67.6	60.8
55,0°	314.1	286.8	277.5	281.4	290.0	293.7	243.4	187.4	130.1	85.5	65.9	59.4	54.2
57,5°	276.6	248.2	239.7	244.0	252.2	255.6	224.1	167.0	112.5	73.6	56.8	51.4	46.6
60,0°	239.1	210.2	201.6	205.3	212.1	215.3	196.8	143.1	96.6	66.5	52.8	46.9	42.0
62,5°	201.1	172.7	163.3	166.4	172.1	173.8	169.5	122.1	83.5	61.1	50.3	44.3	39.2
65,0°	170.1	141.1	131.5	133.2	138.6	138.6	144.3	103.9	74.1	56.8	47.1	41.5	36.9
67,5°	141.4	113.3	103.7	103.7	106.2	108.5	127.8	90.3	68.2	53.1	44.6	38.6	34.1
70,0°	117.6	91.2	81.5	80.1	81.2	83.5	114.5	81.8	62.8	50.0	42.0	36.1	31.5
72,5°	96.3	72.1	62.8	60.5	61.6	63.6	101.1	72.4	57.4	46.0	38.9	33.2	28.4
75,0°	80.1	58.2	49.1	46.6	48.0	51.1	86.6	64.2	51.7	42.9	35.8	30.7	26.1
77,5°	66.7	45.7	37.5	35.2	36.9	39.8	68.7	51.7	43.2	36.1	31.0	27.0	23.0
80,0°	50.6	36.1	29.8	27.5	27.8	29.5	52.3	41.5	35.5	30.1	26.4	23.3	20.2
82,5°	37.8	27.5	22.7	21.3	21.6	22.2	39.8	32.4	28.1	24.4	21.6	19.3	16.8
85,0°	29.0	22.2	18.5	17.3	17.0	17.0	28.7	24.4	21.6	19.3	17.3	15.6	13.9
87,5°	23.9	19.0	16.2	14.8	14.2	14.2	21.3	18.2	16.5	15.1	13.6	12.5	11.1
90,0°	15.6	13.6	12.2	11.4	11.4	10.8	9.1	9.1	8.5	8.0	7.7	6.8	6.5
92,5°	9.9	9.9	9.7	9.7	9.9	9.7	8.0	7.4	7.1	6.8	6.2	6.0	5.7
95,0°	9.4	9.4	9.4	9.4	9.4	9.1	7.4	7.4	6.8	6.2	6.2	5.7	5.4
97,5°	8.8	8.8	8.8	8.8	8.8	8.5	7.1	6.8	6.2	6.2	5.7	5.7	5.1
100,0°	8.2	8.2	8.5	8.5	8.5	8.5	6.8	6.2	6.2	5.7	5.7	5.1	5.1
102,5°	8.0	8.0	8.0	8.0	8.0	8.0	6.2	6.0	5.7	5.7	5.1	5.1	4.5
105,0°	7.4	7.4	7.4	7.4	7.4	6.8	6.0	5.7	5.7	5.1	5.1	4.5	4.5
107,5°	7.4	7.4	7.4	7.4	7.4	6.8	5.7	5.7	5.4	5.1	5.1	4.5	4.5
110,0°	6.8	6.8	7.4	7.4	6.8	6.2	5.7	5.4	5.1	5.1	4.5	4.5	4.5
112,5°	6.8	6.8	6.8	6.8	6.2	4.0	5.4	5.4	5.1	5.1	4.5	4.5	4.5

Lichttechnischer Prüfbefund

Familie LATERNE LED				Bestell-Nr.: 5XA5255KF14H + 5XA54000XS EAN: 4058352833483 + 4050737730073								LP-Nummer 59067_26	
Wertetabelle Lichtstärkemessung												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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	0.0	0.0
2,5°	28.1	27.8	27.5	27.0	26.7	26.7	26.4	26.4	26.1	25.8	25.6	0.4	0.4
5,0°	29.3	28.7	27.5	26.7	26.1	25.6	25.3	25.0	24.7	24.4	24.4	1.0	1.4
7,5°	31.2	30.1	29.0	27.8	26.7	25.8	25.3	24.7	24.1	24.1	23.9	2.1	3.6
10,0°	33.8	30.4	29.3	27.8	26.4	25.3	24.4	23.9	23.6	23.6	23.3	3.7	7.3
12,5°	65.0	55.9	39.8	31.5	27.8	25.6	24.1	23.6	23.3	23.0	23.3	6.4	13.6
15,0°	74.1	68.7	66.5	62.8	54.2	39.8	31.8	28.4	26.7	24.7	24.4	9.4	23.0
17,5°	70.4	63.3	59.6	58.2	57.1	56.8	54.8	48.8	42.0	35.8	34.1	12.4	35.4
20,0°	69.0	61.1	57.1	55.4	54.8	54.5	54.5	54.8	55.4	59.1	60.2	15.5	50.9
22,5°	68.4	58.8	54.8	54.0	54.2	55.4	56.5	55.7	59.6	67.9	70.4	18.8	69.7
25,0°	75.0	59.6	54.0	53.4	54.8	56.8	61.3	59.1	59.9	63.3	63.6	22.2	91.9
27,5°	74.4	62.2	57.1	55.9	56.8	59.1	61.6	58.2	55.1	57.7	58.5	24.9	116.8
30,0°	73.6	65.9	61.6	59.9	59.4	58.8	58.8	55.7	52.3	54.0	55.1	27.3	144.1
32,5°	72.7	67.0	65.0	63.6	60.8	58.2	55.7	53.7	49.4	50.6	51.1	29.9	174.1
35,0°	66.7	64.8	64.2	65.0	63.9	60.5	56.2	52.8	47.7	48.0	48.8	32.2	206.2
37,5°	64.5	60.5	61.6	63.0	61.6	59.9	57.7	55.4	50.3	48.8	49.4	33.5	239.7
40,0°	60.8	57.1	55.1	57.1	59.4	59.1	57.9	57.4	54.8	54.5	56.2	36.0	275.8
42,5°	57.7	51.4	50.0	49.7	50.8	52.5	54.0	55.7	55.9	57.9	60.2	41.4	317.1
45,0°	60.5	50.6	46.9	47.1	46.9	46.6	47.7	50.6	51.4	52.5	55.1	46.2	363.3
47,5°	60.8	51.4	46.6	44.0	44.0	43.2	43.2	44.9	45.4	45.7	48.8	49.2	412.5
50,0°	57.7	50.0	45.4	43.2	40.9	39.5	39.5	40.3	40.6	40.0	42.6	51.2	463.6
52,5°	53.1	46.0	42.6	40.0	38.6	36.9	35.8	37.2	36.9	36.1	38.6	52.3	516.0
55,0°	47.7	41.5	38.1	36.4	35.8	34.9	34.6	35.5	35.2	33.8	35.8	52.9	568.8
57,5°	41.7	37.2	34.1	32.9	32.7	32.7	32.7	33.8	33.8	32.4	34.6	52.4	621.2
60,0°	37.2	32.9	30.7	29.8	29.8	29.8	31.0	32.4	32.7	31.2	33.5	51.0	672.2
62,5°	34.4	30.1	28.1	27.0	27.3	27.5	28.4	30.4	31.0	29.5	31.8	48.5	720.7
65,0°	32.1	28.1	26.1	25.3	25.3	25.3	26.1	27.5	28.4	27.3	29.5	45.5	766.3
67,5°	29.8	26.1	24.1	23.0	23.0	23.0	23.6	25.3	25.6	24.7	26.7	42.1	808.4
70,0°	27.5	24.4	22.4	21.3	21.0	21.0	21.3	22.4	23.3	22.4	23.9	38.2	846.6
72,5°	25.0	21.9	20.4	19.3	19.3	18.7	19.0	19.9	20.4	19.6	21.0	33.5	880.1
75,0°	22.4	19.9	18.2	17.3	17.0	16.8	16.8	17.3	17.6	17.0	18.2	28.1	908.2
77,5°	19.6	17.6	16.2	15.3	14.8	14.5	14.2	14.8	14.8	14.5	15.3	22.4	930.5
80,0°	17.3	15.1	13.9	12.8	12.5	11.9	11.6	11.6	11.9	11.4	11.9	16.8	947.3
82,5°	14.5	12.8	11.6	10.8	10.2	9.7	9.7	9.1	9.1	8.8	9.1	12.3	959.7
85,0°	12.2	10.8	9.9	9.1	8.5	8.0	7.4	7.4	7.1	6.8	6.8	8.8	968.5
87,5°	9.9	8.8	8.0	7.4	6.8	6.5	6.2	5.7	5.4	5.1	5.1	6.4	974.9
90,0°	6.2	5.7	5.7	5.1	5.1	4.5	4.3	4.0	4.0	3.4	3.4	2.8	977.7
92,5°	5.1	5.1	4.8	4.5	4.5	4.0	4.0	4.0	3.4	3.4	3.4	2.0	979.8
95,0°	5.1	4.8	4.5	4.3	4.0	4.0	4.0	3.4	3.4	3.4	3.4	1.9	981.7
97,5°	4.8	4.5	4.5	4.0	4.0	3.7	3.7	3.4	3.4	2.8	3.4	1.8	983.5
100,0°	4.5	4.5	4.3	4.0	4.0	4.0	3.4	3.4	3.4	3.1	3.4	1.7	985.2
102,5°	4.5	4.0	4.0	4.0	3.4	3.4	3.4	3.1	2.8	2.8	2.8	1.6	986.8
105,0°	4.3	4.0	4.0	3.7	3.4	3.4	3.4	3.1	2.8	2.8	2.8	1.5	988.3
107,5°	4.0	4.0	4.0	4.0	3.4	3.4	3.4	2.8	2.8	2.8	2.8	1.4	989.7
110,0°	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.8	2.8	2.3	1.4	991.1
112,5°	4.0	4.0	4.0	3.7	3.4	3.4	3.4	3.1	2.8	2.6	2.3	1.3	992.4

Lichttechnischer Prüfbefund

Familie LATERNE LED	Bestell-Nr.: 5XA5255KF14H + 5XA54000XS EAN: 4058352833483 + 4050737730073	LP-Nummer 59067_26
Wertetabelle Lichtstärkemessung Maximale Lichtstärke		

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°	5.7	5.7	5.7	6.0	6.2	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8
117,5°	5.1	5.7	5.7	5.7	5.7	6.0	6.0	6.2	6.2	6.2	6.2	6.2	6.2
120,0°	5.1	5.1	5.4	5.4	5.7	5.7	5.7	5.7	5.7	5.7	6.2	6.2	6.2
122,5°	4.5	4.8	4.8	4.8	5.1	5.1	5.1	5.1	5.1	5.4	5.7	5.7	5.7
125,0°	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5
127,5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
130,0°	2.0	2.0	2.0	2.0	1.7	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.7	1.7	1.7	1.7	1.4	1.4	1.4	1.4	1.1	1.1	1.4	1.1	1.1
137,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.6	0.6
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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.: 5XA5255KF14H + 5XA54000XS EAN: 4058352833483 + 4050737730073	LP-Nummer 59067_26
Wertetabelle Lichtstärkemessung Maximale Lichtstärke		

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°	6.8	6.8	6.8	6.8	5.4	2.3	5.4	5.1	5.1	5.1	4.5	4.5	4.3
117,5°	6.5	6.8	6.8	6.8	4.8	2.3	5.1	5.1	4.8	4.8	4.5	4.5	4.0
120,0°	6.2	6.2	6.2	6.2	4.0	1.7	5.1	4.8	4.5	4.5	4.5	4.0	4.0
122,5°	5.7	5.7	5.7	5.7	3.7	1.7	4.5	4.5	4.3	4.0	4.0	4.0	3.7
125,0°	4.5	4.5	4.5	4.5	2.8	1.7	3.7	3.7	3.4	3.4	3.4	3.1	2.8
127,5°	2.8	2.8	3.4	2.8	1.7	1.1	2.8	2.6	2.6	2.6	2.6	2.6	2.3
130,0°	1.7	1.7	1.7	1.7	1.1	1.1	2.0	2.0	2.0	2.0	2.0	2.0	2.3
132,5°	1.7	1.7	1.7	1.4	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.1	1.1	1.1	1.1	0.9	0.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
137,5°	1.1	1.1	1.1	1.1	0.6	0.6	1.1	1.4	1.1	1.4	1.4	1.7	1.4
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.1	1.1	1.1	1.1	1.1
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.1	1.1
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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				Bestell-Nr.: 5XA5255KF14H + 5XA54000XS								LP-Nummer	
LATERNE LED				EAN: 4058352833483 + 4050737730073								59067_26	
Wertetabelle Lichtstärkemessung												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	
115,0°	4.0	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.3	1.7	1.3	993.7
117,5°	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.8	2.3	1.7	1.2	994.9
120,0°	4.0	4.0	3.4	3.4	3.4	3.1	2.8	2.8	2.8	2.3	1.7	1.1	996.0
122,5°	3.4	3.4	3.4	3.1	2.8	2.8	2.8	2.8	2.8	2.3	1.7	1.0	997.0
125,0°	2.8	2.8	2.8	2.8	2.6	2.6	2.3	2.3	2.3	1.7	1.7	0.8	997.8
127,5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.7	1.7	1.7	0.6	998.3
130,0°	2.3	2.3	2.3	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.4	998.7
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1	1.7	0.3	999.1
135,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1	1.1	0.3	999.3
137,5°	1.7	1.7	1.7	1.1	1.4	1.7	1.1	1.1	1.1	1.1	1.1	0.2	999.6
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.7
142,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	999.9
145,0°	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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.: 5XA5255KF14H + 5XA54000XS EAN: 4058352833483 + 4050737730073	LP-Nummer 59067_26
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	1450	10.0	10.4	10.2
95	241	252	1376	9.5	9.9	9.7
90	229	250	1307	9.0	9.3	9.2
85	216	248	1233	8.5	8.8	8.6
80	203	246	1159	8.0	8.3	8.2
75	190	243	1085	7.6	7.7	7.6
70	178	241	1016	7.1	7.3	7.2
65	165	238	942	6.6	6.8	6.7
60	152	235	868	6.1	6.4	6.2
55	140	232	799	5.7	5.9	5.8
50	127	229	725	5.3	5.5	5.4
45	114	225	651	4.8	5.0	4.9
40	102	221	582	4.4	4.6	4.5
35	89	216	508	4.0	4.1	4.0
30	76	210	434	3.6	3.7	3.6
30	75	209	428	3.5	3.7	3.6