

Lichttechnischer Prüfbefund

Familie
LATERNE CLASSIC LED

Bestell-Nr.: 5XA5245KF14H + 5XA54000XS
EAN: 4058352834558 + 4050737730073

LP-Nummer
59105_26



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 = 1310 lm
Systemleistung = 10.0 W
Lichtausbeute = 131 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

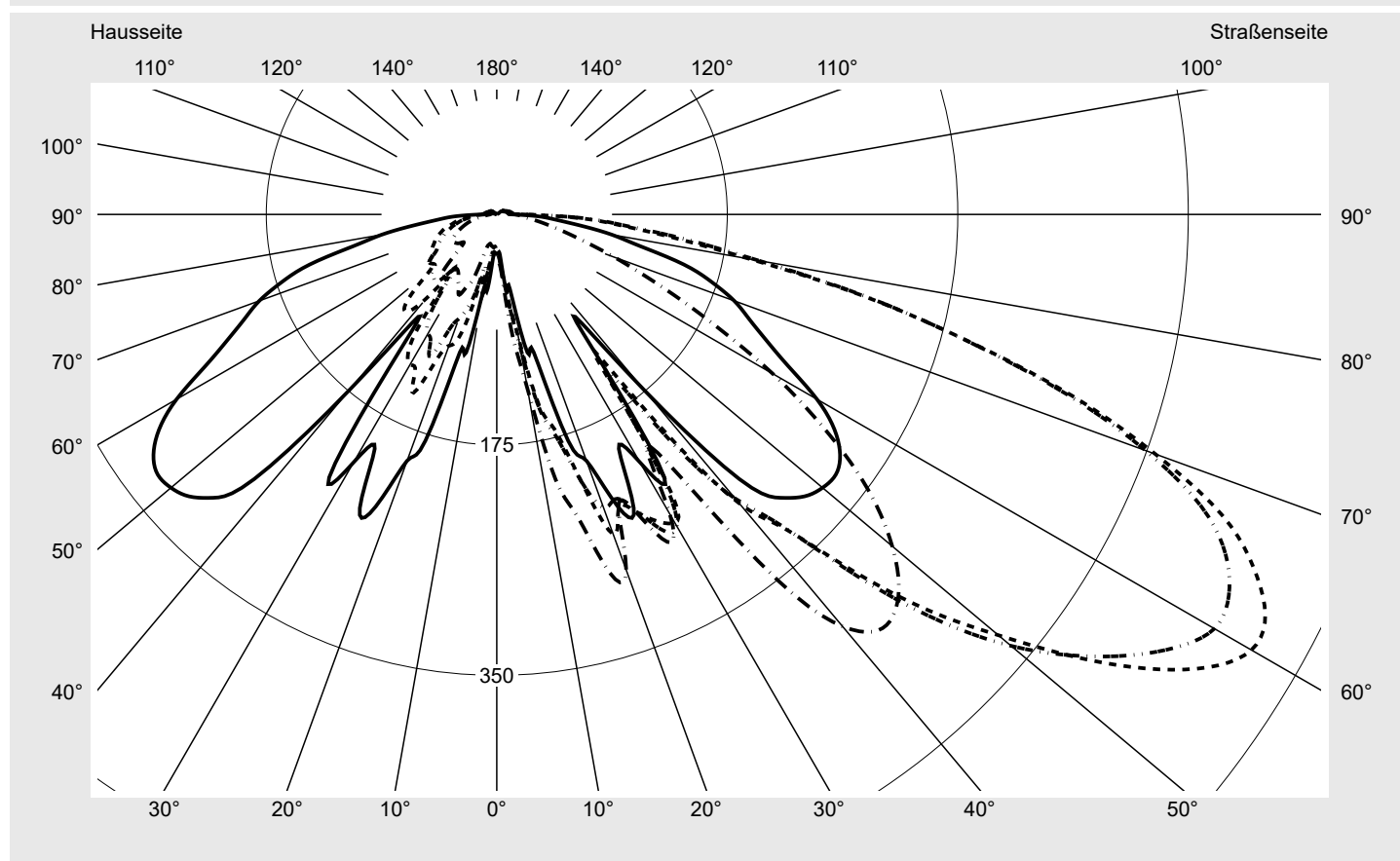
C180-0

C205-25

C210-30

C270-90

Imax: 662 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	97.2%
Eta 90° - 180°	2.8%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	532.1
Imax 80°	201.9
Imax 90°	20.2
Imax >90°	12.6
Imax >95°	11.3

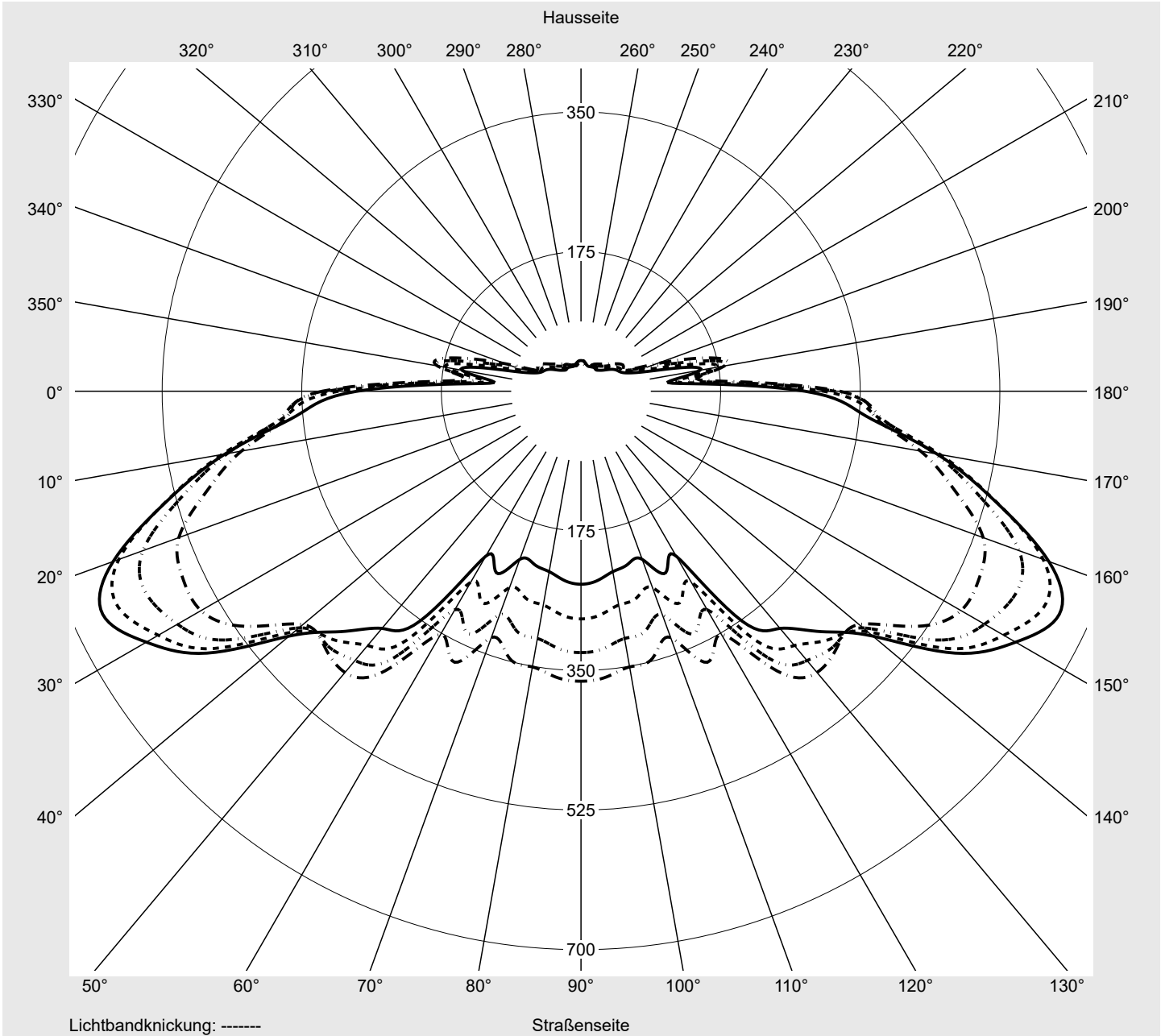
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 60°** **KMK 57,5°** **KMK 55°** **KMK 52,5°** **siteco**



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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°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
2,5°	29.3	29.3	29.9	30.2	30.2	30.9	31.2	31.8	32.8	33.7	34.7	35.0	35.6
5,0°	34.3	35.9	37.2	38.1	40.0	41.9	43.8	45.4	46.0	46.6	46.6	46.6	47.9
7,5°	59.2	62.4	63.6	63.0	63.3	64.6	66.8	69.6	72.5	73.1	72.8	70.3	67.4
10,0°	57.6	62.4	69.9	80.0	92.9	95.8	102.4	109.3	118.4	126.6	128.2	122.5	112.5
12,5°	107.4	107.7	114.7	127.6	141.8	148.7	152.8	159.1	160.3	155.6	155.6	145.9	143.0
15,0°	108.4	133.3	157.5	178.0	175.8	168.5	174.8	189.3	202.6	209.2	206.7	197.8	185.2
17,5°	180.2	187.4	186.2	203.2	218.3	211.4	211.7	222.7	227.4	230.6	232.5	223.0	211.1
20,0°	199.1	214.5	225.9	240.7	253.6	258.6	236.9	232.2	235.6	226.2	237.8	223.4	209.2
22,5°	240.0	252.0	254.2	256.1	255.5	241.6	234.1	224.3	236.3	224.0	244.1	233.7	217.1
25,0°	246.0	250.1	244.8	247.6	251.7	248.6	245.7	232.5	255.8	244.5	270.0	264.9	240.0
27,5°	200.7	212.0	228.1	244.5	253.9	262.4	269.3	249.8	276.9	256.1	284.5	272.8	243.5
30,0°	217.4	244.5	257.1	267.1	269.3	270.3	273.4	251.1	279.4	253.9	279.4	259.9	228.4
32,5°	236.9	253.6	256.4	252.0	245.4	235.6	225.2	185.5	222.1	199.1	234.4	234.7	222.1
35,0°	144.0	124.4	109.0	102.4	111.5	127.0	144.3	130.1	188.1	172.0	214.8	222.7	230.9
37,5°	98.0	108.7	125.1	147.1	173.9	199.7	217.7	208.5	242.6	224.9	274.1	260.2	250.1
40,0°	174.2	196.3	222.4	254.5	278.2	286.4	281.6	274.1	293.6	296.1	327.0	301.5	281.9
42,5°	272.5	289.5	311.2	332.4	331.4	323.5	321.3	321.0	348.1	364.5	385.3	363.2	339.0
45,0°	304.3	330.5	353.8	372.0	380.2	383.4	390.9	376.8	411.4	416.1	445.1	422.4	388.1
47,5°	316.9	350.0	387.2	412.7	436.0	445.4	457.7	427.2	444.8	435.7	463.1	441.0	396.0
50,0°	322.9	363.2	417.4	453.6	484.2	497.1	509.7	472.9	453.3	448.9	469.4	442.6	380.9
52,5°	324.5	369.8	432.2	486.1	536.5	551.3	550.0	513.8	454.9	453.9	460.2	427.8	351.9
55,0°	318.2	376.8	450.2	520.1	584.4	601.1	584.1	543.7	461.5	450.2	440.7	407.3	316.3
57,5°	304.0	373.3	457.1	540.0	616.5	640.1	611.8	562.3	469.1	440.1	416.1	380.9	276.3
60,0°	280.7	358.8	453.0	539.3	624.1	661.5	629.1	572.4	477.6	426.2	388.1	351.6	238.8
62,5°	249.5	335.8	430.6	518.5	605.8	657.8	626.6	566.1	476.6	408.6	361.3	321.3	200.7
65,0°	225.6	308.1	402.6	481.7	569.9	633.8	610.5	547.5	464.3	384.0	333.9	289.8	171.7
67,5°	207.3	291.7	376.8	445.8	526.1	595.7	578.7	513.5	436.9	356.0	304.9	259.9	143.0
70,0°	191.8	270.3	345.0	398.5	464.7	532.1	524.2	461.5	392.2	317.2	272.2	227.1	129.8
72,5°	171.4	243.8	307.1	352.8	407.6	458.0	453.3	398.2	335.8	268.1	229.3	198.8	103.3
75,0°	147.1	205.7	255.2	293.0	331.7	368.9	367.9	325.7	273.1	217.7	188.4	165.7	88.5
77,5°	111.8	158.8	196.3	226.5	256.4	283.8	285.7	252.6	212.0	170.4	150.9	140.8	79.4
80,0°	88.8	119.1	144.0	163.5	180.5	195.6	201.9	184.0	157.8	130.4	113.1	108.7	60.8
82,5°	63.3	84.4	102.4	115.6	127.0	135.5	144.6	136.1	119.7	98.0	81.0	76.9	43.2
85,0°	44.4	57.0	69.0	78.4	86.0	93.9	98.0	95.8	85.4	69.3	57.3	52.9	33.7
87,5°	30.9	40.3	47.6	54.8	59.2	62.4	66.5	66.2	58.9	49.5	41.9	39.4	27.1
90,0°	11.7	12.6	14.2	15.1	16.1	17.0	18.9	19.8	20.2	19.2	18.9	19.8	16.1
92,5°	9.8	10.1	10.7	11.3	12.0	12.0	12.0	12.0	11.7	11.7	11.7	11.7	10.7
95,0°	9.1	10.1	10.1	10.7	11.3	11.3	11.3	11.0	11.3	11.0	11.0	10.7	10.4
97,5°	8.8	9.5	10.1	10.1	10.7	10.7	10.7	10.7	10.7	10.7	10.4	10.4	10.1
100,0°	8.2	8.8	9.5	9.5	9.8	10.1	10.1	10.1	10.1	10.1	9.8	9.8	9.5
102,5°	7.9	8.2	8.8	8.8	8.8	9.5	9.5	9.5	9.1	9.1	9.1	9.1	8.8
105,0°	7.2	7.6	8.2	8.2	8.2	8.2	8.8	8.5	8.5	8.5	8.5	8.8	8.8
107,5°	6.6	6.9	7.2	7.6	7.6	7.9	8.2	8.2	7.9	7.9	8.2	8.2	8.2
110,0°	6.3	6.3	6.9	6.9	7.6	7.6	7.6	7.6	7.2	7.6	7.6	7.6	7.6
112,5°	5.7	6.3	6.3	6.9	6.9	6.9	7.2	6.9	6.9	6.9	6.9	6.9	6.9

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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°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
2,5°	35.9	36.2	36.5	36.5	36.9	36.5	28.7	28.4	28.0	27.7	27.7	27.4	27.1
5,0°	50.1	51.0	50.1	50.4	49.8	49.1	33.4	32.4	31.8	30.9	30.2	29.6	29.3
7,5°	68.7	74.3	81.0	85.7	92.3	94.5	54.5	49.1	42.2	38.1	34.0	31.5	30.2
10,0°	100.5	101.8	118.4	128.2	131.7	134.8	57.6	59.5	63.3	64.3	61.7	51.0	39.1
12,5°	140.8	150.0	172.6	192.2	204.1	206.0	86.0	93.2	69.3	59.2	45.7	39.4	43.5
15,0°	190.6	189.0	204.1	232.8	241.6	238.2	92.6	81.0	76.2	74.3	74.7	59.2	68.7
17,5°	222.4	222.7	237.2	272.5	284.5	285.4	151.8	99.5	121.0	105.8	100.2	75.3	75.6
20,0°	232.2	227.4	229.3	267.5	285.1	287.3	168.9	117.8	143.7	122.2	106.2	84.4	80.0
22,5°	242.3	228.4	206.3	230.3	239.1	241.3	204.5	130.1	153.1	137.4	119.4	95.1	81.9
25,0°	258.9	244.1	223.7	247.3	250.8	248.9	207.6	129.8	174.2	161.3	149.3	118.8	96.7
27,5°	264.9	255.2	241.0	269.0	278.8	280.4	152.5	94.8	161.3	144.6	134.2	109.0	90.4
30,0°	245.7	235.3	222.1	245.7	258.6	262.7	155.9	92.3	157.5	141.8	131.7	104.6	85.1
32,5°	218.0	209.8	207.6	226.8	218.0	212.3	176.1	96.7	155.9	135.1	125.4	97.7	76.9
35,0°	253.9	228.1	218.9	247.0	246.0	243.8	122.2	101.1	131.1	114.0	101.4	79.1	66.8
37,5°	287.9	248.2	258.0	320.7	343.1	349.7	87.6	77.5	80.0	69.6	61.1	51.7	46.6
40,0°	336.4	308.1	333.6	388.7	401.7	408.3	134.8	95.1	112.8	95.1	83.5	62.1	48.5
42,5°	397.2	355.7	378.0	414.3	424.0	428.4	182.4	127.9	161.3	127.3	99.9	69.0	61.7
45,0°	431.3	376.1	397.9	416.8	424.3	427.2	185.5	149.3	184.0	138.3	98.9	68.0	71.2
47,5°	429.4	370.2	392.8	404.2	411.7	413.9	178.6	161.3	179.9	128.5	84.4	68.0	73.1
50,0°	408.0	354.1	373.6	381.2	389.4	391.9	164.8	173.3	170.4	111.5	66.2	61.4	65.2
52,5°	374.9	328.6	346.5	350.9	359.8	363.5	155.3	182.7	161.3	100.5	62.4	61.4	59.5
55,0°	335.5	298.3	311.2	314.7	323.8	327.6	141.1	182.1	142.4	88.5	62.1	62.7	58.0
57,5°	292.7	262.1	268.4	272.2	281.3	285.4	125.7	171.1	121.9	76.2	58.0	56.7	52.6
60,0°	251.1	224.3	224.9	229.7	238.2	241.9	115.0	151.5	104.0	67.4	56.1	52.3	47.9
62,5°	211.7	186.2	182.7	187.1	193.1	195.3	104.3	128.8	88.8	62.4	55.1	50.4	45.0
65,0°	179.2	154.0	146.8	149.6	155.0	155.6	95.5	110.3	78.4	58.9	52.6	47.3	41.9
67,5°	150.3	125.1	115.9	117.2	119.7	121.6	85.7	97.3	71.5	55.8	50.4	44.1	38.4
70,0°	126.3	101.8	91.7	91.7	92.9	95.1	85.1	88.2	65.8	53.9	47.6	41.6	35.9
72,5°	104.3	81.3	70.9	69.3	71.2	72.5	74.0	80.0	58.6	50.4	44.1	37.8	32.8
75,0°	86.6	65.5	55.8	53.6	54.8	56.1	66.5	69.0	50.7	46.6	40.6	34.7	29.6
77,5°	73.7	52.0	43.2	40.6	41.9	43.5	55.8	55.8	42.8	40.3	35.3	30.9	26.5
80,0°	57.3	41.3	34.3	32.1	32.8	34.0	45.7	45.7	36.9	35.0	31.5	27.4	23.6
82,5°	41.3	31.8	27.1	25.2	25.2	25.8	35.9	35.0	29.3	28.4	25.2	22.7	19.8
85,0°	32.4	25.8	22.1	20.8	20.8	20.8	27.1	26.1	23.6	22.7	20.5	18.3	16.4
87,5°	26.8	22.1	19.5	18.0	17.6	17.6	20.8	19.5	19.2	17.6	16.1	14.8	13.2
90,0°	17.6	15.4	14.5	13.9	13.9	13.9	10.4	10.4	9.8	9.5	8.8	8.5	8.2
92,5°	11.3	11.7	12.0	12.0	12.6	12.6	8.8	8.8	8.5	8.2	7.9	7.9	7.6
95,0°	10.7	11.0	11.3	11.7	12.0	12.0	8.8	8.8	8.5	8.2	7.9	7.6	7.6
97,5°	10.7	10.7	10.7	11.3	11.3	11.3	8.2	8.2	8.2	7.9	7.6	7.6	7.6
100,0°	10.1	10.1	10.4	10.7	10.7	10.7	8.2	7.6	7.6	7.6	7.6	7.6	6.9
102,5°	9.5	9.5	9.5	9.8	10.1	10.1	7.6	6.9	6.9	6.9	6.9	6.9	6.3
105,0°	8.8	8.8	8.8	9.1	9.5	8.8	6.9	6.9	6.3	6.3	6.3	6.0	5.7
107,5°	8.2	8.2	8.5	8.8	8.8	8.2	6.3	6.0	5.7	5.7	5.7	5.4	5.0
110,0°	7.6	7.9	8.2	8.2	8.2	7.6	5.7	5.7	5.4	5.0	5.0	5.0	5.0
112,5°	7.6	7.6	7.6	7.6	6.9	4.4	5.7	5.4	5.0	5.0	5.0	5.0	5.0

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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°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	0.0	0.0
2,5°	27.1	26.8	26.8	26.1	25.8	25.5	25.2	25.2	24.9	24.6	24.6	0.4	0.4
5,0°	28.7	28.0	27.1	26.5	26.1	25.8	25.5	25.5	25.2	24.9	25.2	0.9	1.3
7,5°	29.3	28.4	27.4	26.1	25.5	25.2	25.2	24.6	24.6	24.6	24.6	1.9	3.1
10,0°	32.1	29.3	27.7	26.5	25.8	25.2	24.6	24.3	23.9	23.9	23.9	3.4	6.6
12,5°	50.1	51.3	42.5	30.6	27.4	25.8	24.9	24.3	23.6	23.0	22.7	5.9	12.4
15,0°	66.5	57.0	64.0	69.0	58.6	41.6	29.9	26.1	24.9	23.6	23.9	8.8	21.2
17,5°	74.0	67.1	59.2	52.3	46.3	48.2	53.2	50.1	33.1	30.6	30.2	12.3	33.6
20,0°	73.7	64.9	59.5	57.6	57.6	52.6	48.2	44.7	37.2	44.7	52.3	15.0	48.6
22,5°	71.8	63.0	57.3	55.8	57.6	57.0	56.1	55.4	47.3	52.9	59.2	17.2	65.8
25,0°	78.8	63.6	56.7	56.4	60.2	60.8	64.6	65.8	59.9	64.3	67.4	20.3	86.1
27,5°	75.0	65.2	59.5	60.5	63.0	63.6	65.2	63.3	56.4	59.9	62.4	22.0	108.0
30,0°	73.1	65.8	61.4	60.2	61.4	62.4	62.7	58.6	52.6	56.1	58.6	23.6	131.7
32,5°	74.7	71.5	68.0	65.8	65.5	62.1	58.3	54.5	49.5	52.6	54.2	23.3	155.0
35,0°	65.5	67.7	67.1	69.3	70.3	65.8	60.2	54.5	48.5	50.1	51.7	20.5	175.5
37,5°	52.0	56.7	60.5	64.6	66.8	64.3	59.5	56.1	49.5	49.1	52.3	24.3	199.8
40,0°	43.2	40.3	46.9	52.3	59.2	60.2	59.2	55.8	51.7	54.2	59.9	32.4	232.2
42,5°	54.8	42.5	37.2	38.4	46.0	48.8	52.0	52.0	51.7	56.7	62.4	40.3	272.5
45,0°	64.3	51.7	43.2	39.7	38.7	37.2	39.4	42.2	43.5	46.9	50.4	46.3	318.8
47,5°	65.2	54.2	46.9	41.9	38.4	35.0	32.8	33.4	34.3	35.9	37.2	50.2	369.0
50,0°	59.2	52.0	46.6	42.8	40.6	36.5	33.1	31.2	30.9	32.1	32.8	52.8	421.8
52,5°	53.2	48.2	44.4	41.6	39.4	36.9	34.0	33.4	32.4	35.0	35.9	54.7	476.5
55,0°	50.7	44.7	41.0	38.7	38.7	36.9	35.0	34.3	34.3	37.5	37.8	55.8	532.3
57,5°	46.9	41.3	37.8	35.9	36.9	35.6	34.3	34.3	35.0	38.1	39.1	55.6	588.0
60,0°	41.9	37.2	34.3	32.8	33.7	33.4	32.8	32.8	35.0	37.8	38.4	54.4	642.4
62,5°	39.1	34.3	31.5	29.9	31.2	30.6	30.6	31.2	33.7	35.9	36.5	52.0	694.4
65,0°	36.5	31.8	29.6	27.7	28.7	28.0	28.0	28.7	32.1	33.4	34.0	48.9	743.4
67,5°	33.7	29.9	27.7	25.8	26.5	26.1	25.8	26.1	29.6	30.9	30.9	45.5	788.9
70,0°	31.5	27.4	25.5	23.6	24.3	23.6	23.3	23.9	26.8	27.7	27.7	41.3	830.1
72,5°	28.4	24.9	23.0	21.7	22.1	21.1	20.8	21.1	23.6	24.3	24.6	36.2	866.3
75,0°	25.5	22.7	20.8	19.2	19.5	18.6	18.3	18.9	20.8	20.8	21.4	30.4	896.7
77,5°	23.0	20.2	18.3	17.3	17.0	16.1	15.8	16.4	17.6	17.6	17.6	24.3	921.0
80,0°	20.2	17.6	16.1	15.1	14.8	13.9	12.9	13.5	14.5	14.5	14.5	18.5	939.5
82,5°	17.3	15.1	13.9	12.9	12.3	11.7	10.4	11.0	11.3	11.3	11.3	13.7	953.3
85,0°	14.5	12.6	11.7	10.7	10.1	9.1	8.5	8.8	8.8	8.5	8.2	10.0	963.3
87,5°	12.0	10.7	9.5	8.8	8.2	7.6	6.9	6.9	6.9	6.9	6.3	7.4	970.6
90,0°	7.9	7.6	6.9	6.3	6.3	5.7	5.7	5.7	5.4	5.4	5.0	3.3	973.9
92,5°	7.6	6.9	6.6	6.3	6.3	5.7	5.7	5.7	5.7	5.4	5.7	2.5	976.5
95,0°	7.2	6.9	6.6	6.6	6.3	6.0	5.7	5.7	5.7	5.7	5.7	2.5	978.9
97,5°	6.9	6.6	6.9	6.6	6.3	5.7	5.7	5.7	5.4	5.7	5.7	2.4	981.3
100,0°	6.6	6.3	6.3	6.3	6.3	5.7	5.7	5.0	5.0	5.4	5.7	2.2	983.5
102,5°	6.0	6.3	5.7	5.7	5.7	5.0	5.0	4.7	4.4	4.4	4.4	2.0	985.5
105,0°	5.7	5.7	5.4	5.0	5.0	4.4	4.4	4.4	4.4	3.8	3.8	1.9	987.4
107,5°	5.0	5.0	4.7	4.4	4.4	4.1	3.8	3.8	3.5	3.2	3.2	1.7	989.1
110,0°	4.4	4.4	4.4	4.4	3.8	3.8	3.8	3.2	3.2	3.2	3.2	1.5	990.6
112,5°	4.4	4.4	4.4	3.8	3.8	3.8	3.2	3.2	3.2	2.5	2.5	1.4	992.0

Lichttechnischer Prüfbefund

Familie LATERNE CLASSIC LED	Bestell-Nr.: 5XA5245KF14H + 5XA54000XS EAN: 4058352834558 + 4050737730073	LP-Nummer 59105_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												
115,0°	5.7	5.7	6.3	6.3	6.6	6.6	6.9	6.6	6.6	6.6	6.6	6.9	6.9
117,5°	5.0	5.7	5.7	5.7	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
120,0°	5.0	5.0	5.7	5.7	5.7	6.0	6.0	5.7	5.7	5.7	6.0	6.3	6.3
122,5°	5.0	5.0	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0
125,0°	3.8	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.7	4.7
127,5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
130,0°	2.2	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
132,5°	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
135,0°	1.9	1.9	1.9	1.6	1.9	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
137,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.9	0.9	0.6	0.6	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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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 CLASSIC LED	Bestell-Nr.: 5XA5245KF14H + 5XA54000XS EAN: 4058352834558 + 4050737730073	LP-Nummer 59105_26
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												
115,0°	6.9	6.9	7.6	7.6	6.0	2.5	5.0	5.0	5.0	4.7	4.7	4.7	4.4
117,5°	6.9	6.9	6.9	6.9	5.0	2.5	5.0	5.0	4.4	4.4	4.4	4.4	4.4
120,0°	6.3	6.3	6.3	6.3	4.4	1.9	5.0	4.4	4.4	4.4	4.4	4.4	4.4
122,5°	6.3	6.3	6.3	6.3	3.8	1.9	4.7	4.4	4.4	4.4	4.1	4.4	3.8
125,0°	5.0	5.0	5.0	5.0	3.2	1.9	3.8	3.8	3.8	3.2	3.2	3.2	3.2
127,5°	3.2	3.2	3.2	3.2	1.9	1.3	2.8	2.5	2.5	2.5	2.5	2.5	2.5
130,0°	1.9	1.9	2.2	1.9	1.3	0.6	1.9	1.9	1.9	1.9	1.9	1.9	2.2
132,5°	1.9	1.9	1.9	1.6	1.3	0.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9
135,0°	1.3	1.3	1.3	1.3	0.6	0.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9
137,5°	1.3	1.3	1.3	1.3	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.6
140,0°	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
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.3	0.9
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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 CLASSIC LED	Bestell-Nr.: 5XA5245KF14H + 5XA54000XS EAN: 4058352834558 + 4050737730073	LP-Nummer 59105_26
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	
115,0°	4.4	4.4	3.8	3.8	3.8	3.8	3.2	3.2	3.2	2.5	1.9	1.3	993.3
117,5°	4.4	4.1	3.8	3.8	3.8	3.2	3.2	3.2	3.2	2.5	1.9	1.2	994.6
120,0°	4.4	3.8	3.8	3.8	3.8	3.2	3.2	3.2	2.8	2.2	1.9	1.1	995.7
122,5°	3.8	3.8	3.8	3.8	3.2	3.2	3.2	3.2	2.5	1.9	1.9	1.1	996.8
125,0°	3.2	3.2	3.2	3.2	2.8	2.5	2.5	2.5	2.5	1.9	1.9	0.8	997.6
127,5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.9	1.6	1.3	0.6	998.2
130,0°	2.2	1.9	2.5	2.2	1.9	1.9	1.9	1.9	1.9	1.3	1.3	0.4	998.6
132,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.3	0.4	998.9
135,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.3	1.3	0.3	999.2
137,5°	1.3	1.3	1.3	1.3	1.6	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.5
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.6	1.3	0.2	999.7
142,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.9	0.6	0.6	0.1	999.8
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.1	999.9
147,5°	0.6	0.6	0.6	0.6	0.9	0.9	0.6	0.9	0.6	0.6	0.6	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
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 CLASSIC LED	Bestell-Nr.: 5XA5245KF14H + 5XA54000XS EAN: 4058352834558 + 4050737730073	LP-Nummer 59105_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	1310	10.0	10.4	10.2
95	241	252	1243	9.5	9.9	9.7
90	229	250	1181	9.0	9.3	9.2
85	216	248	1114	8.5	8.8	8.6
80	203	246	1047	8.0	8.3	8.2
75	190	243	980	7.6	7.7	7.6
70	178	241	918	7.1	7.3	7.2
65	165	238	851	6.6	6.8	6.7
60	152	235	784	6.1	6.4	6.2
55	140	232	722	5.7	5.9	5.8
50	127	229	655	5.3	5.5	5.4
45	114	225	588	4.8	5.0	4.9
40	102	221	526	4.4	4.6	4.5
35	89	216	459	4.0	4.1	4.0
30	76	210	392	3.6	3.7	3.6
30	75	209	387	3.5	3.7	3.6