

## Lichttechnischer Prüfbefund

Familie  
SiCompact® FL31 maxi

Bestell-Nr.: 5XA7592E1K22  
EAN: 4058352501344

LP-Nummer  
59178\_2

Ausführung Tragbügel  
Optik asymmetrisch strahlend PL32  
Abdeckung Einscheibensicherheitsglas (ESG)  
Bestückung LED 3000 K | CRI ≥ 70  
Betriebsgerät EVG-DALI  
Bemessungswerte Nettolichtstrom = 65000 lm  
Systemleistung = 490.0 W  
Lichtausbeute = 132.7 lm/W

Seriendokumentation  
27.05.2021

siteco

Lichtstärke in cd/klm

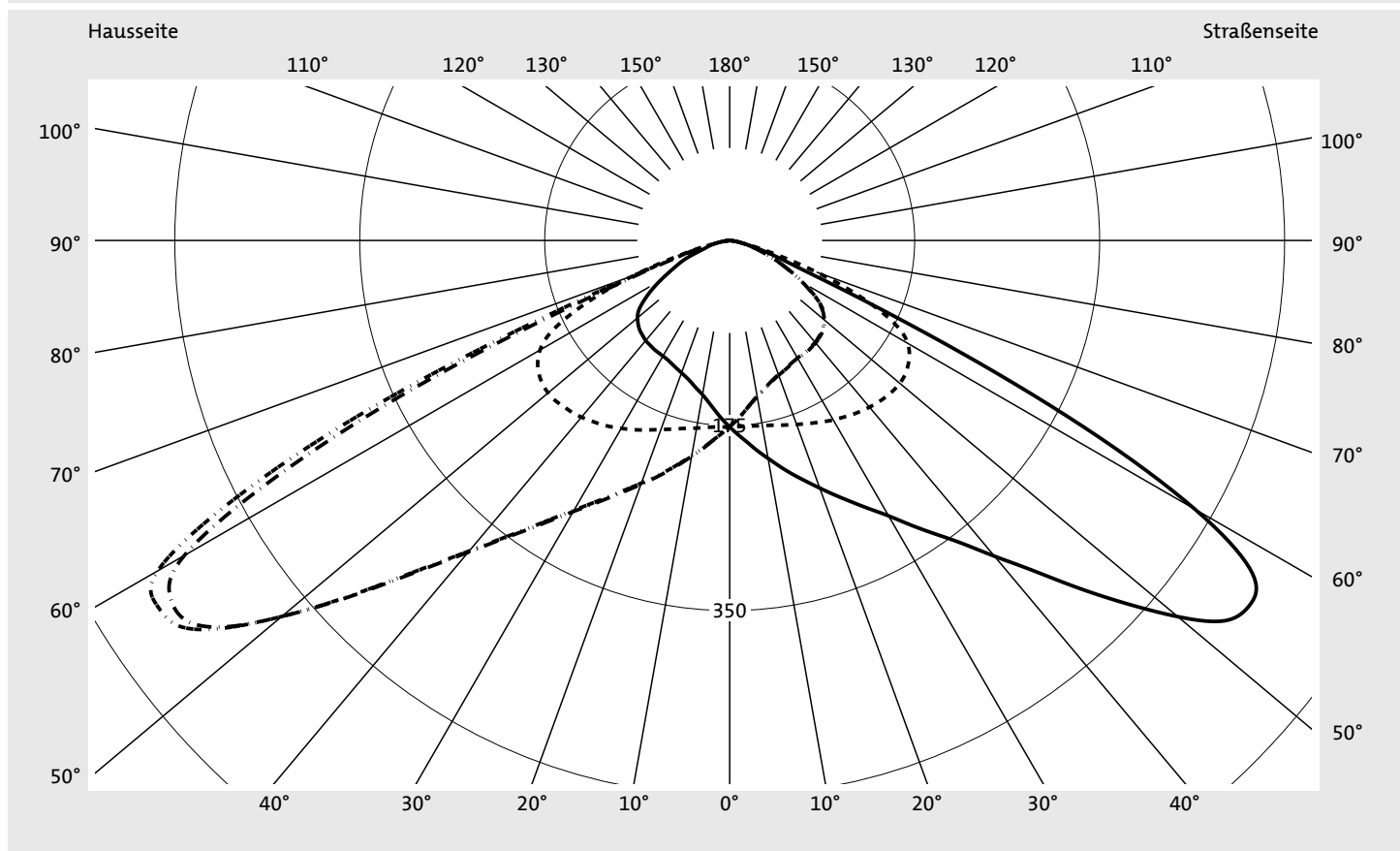
**C180-0**

C270-90

C340-160

C345-165

Imax: 642 cd/klm



## Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

## Lichtstärkeklasse nach EN13201-2

Klasse:	G5
Imax 70°	273.6
Imax 80°	10.9
Imax 90°	0.1
Imax >90°	0.0
Imax >95°	0.0

## Messbedingungen

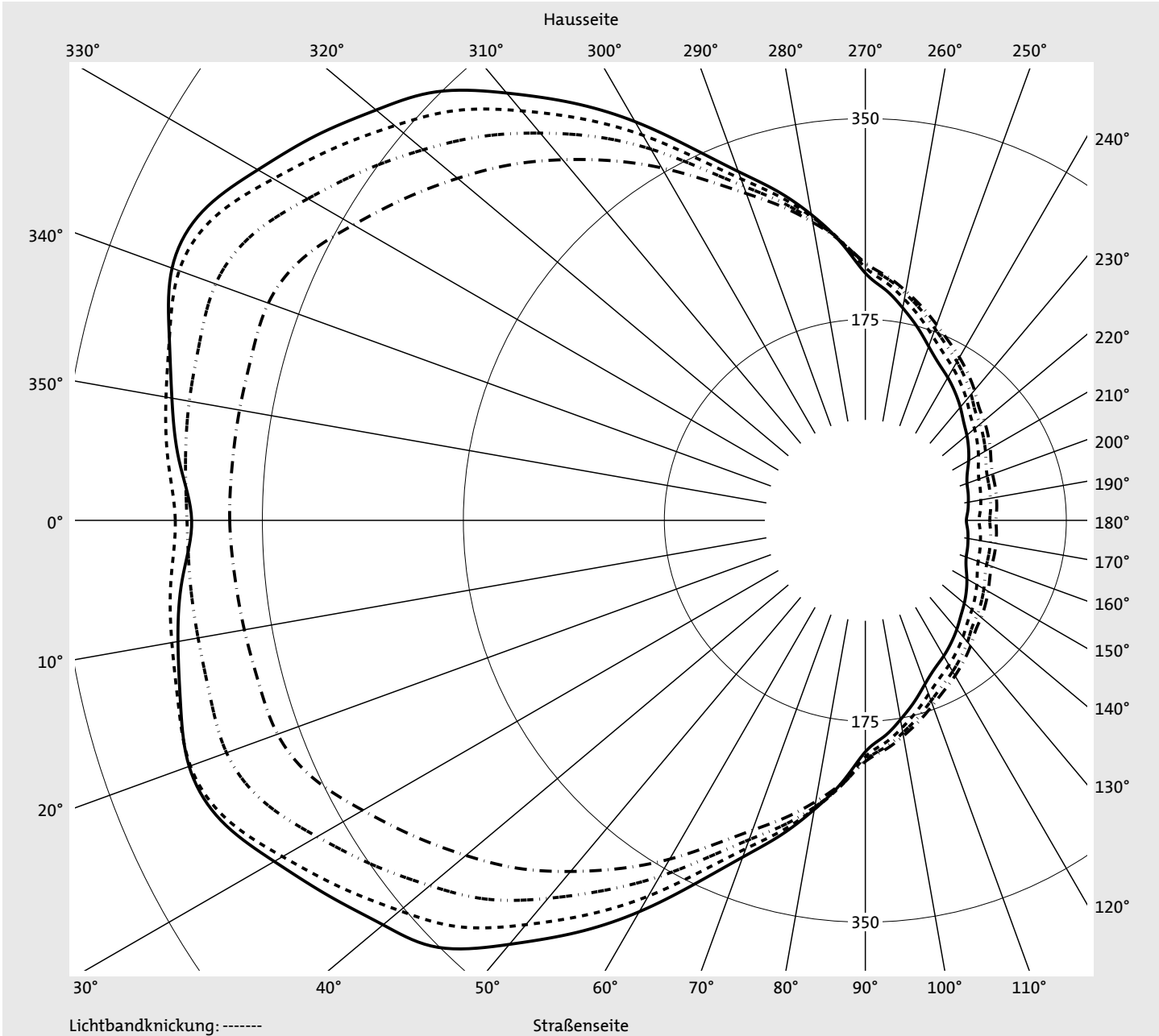
DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie **SiCompact® FL31 maxi** Bestell-Nr.: **5XA7592E1K22** LP-Nummer **59178\_2**  
 EAN: **4058352501344**



Kegelmantelkurven in cd/klm KMK 57.5° KMK 55° KMK 52.5° KMK 50°



## Lichttechnischer Prüfbefund

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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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C- Ebenen	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
$\gamma$	Lichtstärke in cd/klm													
0,0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
2,5°	183.9	183.5	183.2	183.0	182.7	182.5	182.2	181.9	181.8	181.6	181.1	180.6	179.9	179.2
5,0°	191.6	191.2	190.7	190.2	189.7	189.2	188.7	188.1	187.6	187.0	185.9	184.7	183.5	182.4
7,5°	200.5	199.7	198.9	198.2	197.5	196.7	195.7	194.7	193.8	193.0	191.3	189.7	187.8	185.9
10,0°	209.2	208.3	207.4	206.4	205.5	204.3	202.9	201.5	200.1	198.7	196.4	194.1	191.9	189.6
12,5°	218.8	217.7	216.6	215.4	214.1	212.6	210.9	209.0	207.1	205.1	202.1	199.1	196.4	193.6
15,0°	228.7	227.3	226.0	224.6	223.3	221.4	218.9	216.5	214.1	211.6	208.2	204.8	201.4	198.0
17,5°	238.5	236.9	235.3	233.8	232.3	230.2	227.4	224.6	221.7	218.8	214.6	210.3	206.3	202.4
20,0°	249.2	247.4	245.6	243.8	242.1	239.5	236.1	232.8	229.4	226.1	221.4	216.7	212.0	207.2
22,5°	260.7	258.6	256.6	254.5	252.4	249.5	245.8	242.0	238.0	234.1	228.5	222.9	217.6	212.3
25,0°	272.8	270.5	268.3	266.0	263.8	260.4	256.0	251.6	247.2	242.8	236.4	230.1	223.8	217.5
27,5°	286.1	283.6	281.0	278.6	276.2	272.4	267.3	262.2	257.4	252.6	245.4	238.3	230.9	223.3
30,0°	300.7	298.2	295.6	293.1	290.5	286.3	280.5	274.7	268.9	263.0	254.8	246.5	238.2	229.9
32,5°	319.1	316.3	313.5	310.7	307.7	302.9	296.2	289.3	282.0	274.7	265.6	256.5	247.0	237.4
35,0°	338.8	335.8	332.9	329.9	327.0	321.3	312.9	304.4	296.0	287.6	277.1	266.5	256.0	245.5
37,5°	361.0	358.2	355.3	352.4	349.5	343.2	333.3	323.2	312.6	302.0	289.6	277.3	265.4	253.7
40,0°	389.8	386.3	382.9	379.4	376.0	368.1	355.8	343.5	331.2	318.8	305.0	291.2	277.3	263.5
42,5°	422.6	418.8	415.1	411.4	407.8	399.0	384.8	370.4	355.1	339.9	322.9	305.9	289.8	273.9
45,0°	463.8	459.8	455.8	451.8	447.8	436.7	418.6	400.5	382.4	364.3	344.7	325.0	305.3	285.7
47,5°	507.9	504.5	501.1	498.0	494.9	482.0	459.5	437.2	416.1	395.0	371.8	348.5	323.9	298.8
50,0°	553.5	551.3	549.1	546.9	544.7	530.8	505.2	479.6	454.1	428.5	399.2	370.0	340.8	311.5
52,5°	590.7	590.3	589.9	590.7	591.9	578.7	551.1	523.3	495.0	466.6	429.8	393.1	358.1	323.8
55,0°	600.8	607.0	613.1	619.3	625.4	614.3	585.9	557.5	529.1	500.6	459.8	418.9	378.0	337.1
57,5°	586.6	597.2	607.7	617.3	626.6	618.9	594.3	570.3	548.2	526.0	482.1	438.2	393.6	348.8
60,0°	508.3	533.0	557.7	582.5	607.2	610.1	591.2	572.3	553.4	534.5	489.9	445.3	400.8	356.2
62,5°	359.9	393.8	427.7	460.5	493.1	512.1	517.5	520.2	514.6	508.9	467.1	425.2	383.4	341.7
65,0°	188.0	225.2	262.5	299.8	337.1	367.6	391.3	415.0	438.8	462.5	416.4	370.3	324.2	278.1
67,5°	87.8	102.1	116.4	135.7	156.5	189.1	233.5	278.0	323.3	368.5	324.1	279.6	233.3	186.5
70,0°	53.8	60.6	67.5	74.3	81.2	103.9	142.4	180.9	219.4	257.9	219.9	181.8	143.8	105.8
72,5°	35.7	39.0	42.2	45.5	48.9	62.4	85.9	107.1	121.4	135.7	110.5	85.4	66.5	49.7
75,0°	23.4	25.5	27.6	29.8	31.9	35.1	39.4	43.7	48.0	52.3	44.9	37.5	30.1	22.7
77,5°	13.8	15.1	16.4	17.5	18.5	19.3	19.8	20.4	21.2	22.1	19.3	16.6	14.4	12.5
80,0°	8.3	8.6	8.9	9.1	9.4	9.7	9.9	10.1	10.3	10.5	9.8	9.1	8.4	7.7
82,5°	4.1	4.1	4.2	4.2	4.1	4.2	4.3	4.4	4.6	4.7	4.5	4.3	4.1	4.0
85,0°	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
87,5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
90,0°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
<b>siteco</b>		

C- Ebenen	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
$\gamma$	Lichtstärke in cd/klm													
0,0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
2,5°	178.6	178.1	177.6	176.9	176.2	175.4	174.7	174.2	173.7	173.2	172.8	172.3	171.6	171.0
5,0°	181.2	180.0	178.7	177.5	176.3	175.1	173.9	172.7	171.5	170.3	169.2	168.0	166.9	165.8
7,5°	184.0	182.4	180.6	178.7	176.9	175.2	173.5	171.5	169.6	167.7	165.9	164.2	162.6	161.1
10,0°	187.3	184.9	182.6	180.3	177.9	175.4	172.9	170.4	167.8	165.5	163.4	161.2	159.1	156.9
12,5°	190.7	187.7	184.7	181.9	179.0	176.1	173.2	170.1	167.0	164.1	161.5	158.8	156.1	153.3
15,0°	194.5	191.1	187.7	184.3	180.9	177.3	173.7	170.2	166.6	163.2	160.1	157.0	153.9	150.8
17,5°	198.6	194.7	190.9	186.9	182.9	178.7	174.6	170.5	166.6	162.8	159.1	155.5	152.0	148.5
20,0°	202.7	198.3	193.9	189.5	185.2	180.7	176.2	171.8	167.3	163.0	159.0	154.9	150.8	146.8
22,5°	207.3	202.4	197.6	192.6	187.6	182.6	177.6	172.7	167.9	163.3	158.7	154.2	149.8	145.3
25,0°	211.6	206.3	200.9	195.6	190.3	185.0	179.8	174.5	169.2	164.1	159.2	154.2	149.3	144.3
27,5°	216.6	210.6	204.6	198.8	193.1	187.5	181.9	176.2	170.4	164.9	159.7	154.4	149.1	143.8
30,0°	222.4	215.8	209.2	202.6	196.0	189.9	183.8	177.8	171.7	165.8	160.2	154.6	149.0	143.4
32,5°	228.7	220.9	213.2	205.8	198.5	192.0	185.5	179.0	172.6	166.5	160.8	155.0	149.1	143.2
35,0°	235.9	227.2	218.6	209.9	201.3	194.3	187.4	180.5	173.6	167.1	161.1	155.2	149.2	143.2
37,5°	242.8	232.7	222.7	213.1	203.5	196.1	188.7	181.4	174.1	167.4	161.3	155.2	149.0	142.8
40,0°	250.9	239.6	228.3	217.0	205.7	197.9	190.1	182.3	174.5	167.4	161.0	154.7	148.3	142.0
42,5°	259.3	246.0	232.8	220.2	207.6	199.5	191.3	183.0	174.6	167.2	160.6	154.1	147.6	141.2
45,0°	268.4	253.6	238.8	223.9	209.1	200.3	191.6	182.8	174.1	166.4	159.8	153.2	146.6	140.0
47,5°	278.1	261.6	244.9	227.4	210.0	200.7	191.5	182.3	173.2	165.3	158.6	151.9	145.2	138.5
50,0°	287.2	267.9	248.7	229.4	210.1	200.4	190.7	181.0	171.4	163.1	156.3	149.4	142.6	135.7
52,5°	296.1	274.9	253.4	231.2	209.0	198.4	187.9	177.6	167.3	158.8	152.0	145.2	138.4	131.5
55,0°	304.4	279.8	255.2	230.6	206.0	194.8	183.5	172.3	161.1	152.2	145.6	139.0	132.3	125.7
57,5°	312.2	283.8	255.7	228.7	201.6	188.9	176.2	163.9	151.8	142.6	136.5	130.2	123.9	117.6
60,0°	318.4	287.4	256.4	225.4	194.4	180.8	167.1	153.5	139.8	130.0	124.1	118.1	112.2	106.2
62,5°	304.8	272.8	241.3	211.2	181.0	166.7	152.4	138.1	123.7	113.7	108.0	102.2	96.4	90.6
65,0°	244.1	222.2	200.3	178.4	156.5	143.2	129.9	116.6	103.3	94.1	88.9	83.7	78.6	73.4
67,5°	159.9	153.7	146.2	135.1	124.0	112.3	100.5	89.8	79.4	72.1	67.9	63.8	59.9	56.0
70,0°	86.8	86.9	87.1	87.2	87.3	80.0	72.6	65.3	57.9	52.7	49.6	46.6	43.5	40.4
72,5°	42.7	45.6	48.5	51.3	54.1	50.6	47.1	42.9	38.4	35.2	33.0	31.0	29.4	27.8
75,0°	20.3	22.8	25.3	27.8	30.3	28.6	27.0	25.3	23.6	22.3	21.3	20.3	19.4	18.4
77,5°	12.2	13.4	14.5	15.2	15.9	15.6	15.2	14.7	14.0	13.3	12.5	11.8	11.3	10.7
80,0°	7.4	7.5	7.6	7.7	7.8	7.8	7.8	7.9	7.9	7.8	7.5	7.2	7.0	6.7
82,5°	4.0	3.9	3.8	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7
85,0°	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5
87,5°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4
90,0°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
$\gamma$	Lichtstärke in cd/klm													
0,0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
2,5°	170.6	170.2	169.9	169.6	169.4	169.3	169.2	169.0	168.9	169.0	169.1	169.2	169.3	169.6
5,0°	165.0	164.2	163.5	162.7	162.2	161.9	161.7	161.4	161.1	161.4	161.7	162.0	162.3	162.9
7,5°	159.9	158.8	157.6	156.4	155.6	155.2	154.8	154.4	154.0	154.5	154.9	155.3	155.7	156.5
10,0°	155.4	153.9	152.5	151.0	150.0	149.5	149.0	148.6	148.1	148.6	149.2	149.8	150.3	151.4
12,5°	151.6	149.9	148.3	146.7	145.7	145.2	144.6	144.1	143.6	144.2	144.8	145.5	146.2	147.4
15,0°	148.8	146.8	144.9	142.9	141.6	141.1	140.5	139.9	139.3	140.1	140.8	141.6	142.3	143.8
17,5°	146.3	144.1	141.9	139.6	138.2	137.6	137.0	136.4	135.8	136.6	137.4	138.1	138.9	140.6
20,0°	144.3	141.9	139.5	137.1	135.6	135.0	134.4	133.8	133.2	134.0	134.8	135.7	136.5	138.3
22,5°	142.8	140.4	137.8	135.2	133.6	133.0	132.3	131.6	131.0	131.9	132.8	133.7	134.6	136.5
25,0°	141.6	138.9	136.2	133.5	131.8	131.1	130.4	129.6	128.9	129.9	130.8	131.7	132.6	134.7
27,5°	140.8	137.8	134.9	132.1	130.2	129.5	128.7	128.0	127.2	128.1	129.1	130.0	131.0	133.2
30,0°	140.3	137.2	134.1	131.0	129.1	128.4	127.7	127.0	126.3	127.2	128.1	129.1	130.0	132.3
32,5°	140.0	136.8	133.6	130.4	128.5	127.8	127.1	126.4	125.7	126.6	127.6	128.5	129.4	131.7
35,0°	140.0	136.7	133.4	130.2	128.2	127.4	126.7	126.0	125.2	126.2	127.2	128.2	129.2	131.6
37,5°	139.4	136.0	132.7	129.3	127.3	126.5	125.8	125.0	124.3	125.3	126.4	127.4	128.5	131.0
40,0°	138.6	135.3	131.9	128.5	126.5	125.8	125.0	124.3	123.6	124.6	125.6	126.7	127.7	130.2
42,5°	137.7	134.2	130.8	127.3	125.2	124.3	123.5	122.7	121.9	123.1	124.3	125.5	126.6	129.3
45,0°	136.4	132.9	129.3	125.8	123.6	122.7	121.9	121.0	120.2	121.4	122.6	123.7	124.9	127.6
47,5°	134.8	131.0	127.2	123.3	120.9	120.0	119.1	118.3	117.4	118.6	119.7	120.8	121.9	124.8
50,0°	131.7	127.6	123.6	119.5	117.1	116.2	115.4	114.6	113.8	114.8	115.9	116.9	117.9	120.8
52,5°	127.4	123.3	119.2	115.0	112.4	111.5	110.5	109.4	108.4	109.5	110.5	111.7	112.9	115.9
55,0°	121.2	116.6	112.1	107.5	104.6	103.2	101.8	100.4	99.0	100.5	102.1	103.6	105.2	108.5
57,5°	112.5	107.3	102.1	96.8	93.5	92.1	90.8	89.4	88.0	89.5	91.1	92.6	94.2	98.0
60,0°	100.9	95.6	90.3	84.9	81.6	80.1	78.7	77.3	75.9	77.5	79.2	80.9	82.5	86.3
62,5°	85.6	80.6	75.7	70.9	68.1	67.3	66.4	65.1	63.9	65.0	66.0	67.4	68.9	72.4
65,0°	69.6	65.7	61.9	58.1	55.9	55.5	55.0	54.6	54.1	54.8	55.5	56.2	56.9	59.5
67,5°	53.9	51.8	49.2	46.5	45.1	45.1	45.1	45.0	44.9	45.1	45.4	45.7	46.0	47.5
70,0°	39.2	38.0	36.8	35.6	34.8	34.3	33.7	33.2	32.7	33.5	34.2	35.0	35.7	36.8
72,5°	27.3	26.8	26.5	26.3	26.1	25.8	25.5	25.0	24.5	24.9	25.4	26.2	27.0	27.6
75,0°	18.6	18.9	19.1	19.3	19.5	19.6	19.7	19.9	20.0	20.1	20.1	20.2	20.3	20.3
77,5°	11.3	11.9	12.5	13.2	13.7	14.0	14.4	14.7	15.1	14.9	14.7	14.5	14.3	14.0
80,0°	7.1	7.4	7.8	8.2	8.6	9.0	9.4	9.9	10.3	10.0	9.7	9.4	9.1	8.8
82,5°	3.8	4.0	4.1	4.2	4.4	4.8	5.2	5.6	5.9	5.7	5.4	5.1	4.8	4.7
85,0°	1.5	1.6	1.6	1.6	1.7	1.9	2.1	2.2	2.4	2.3	2.2	2.1	1.9	1.9
87,5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
90,0°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>SiCompact® FL31 maxi</b>	<b>Bestell-Nr.: 5XA7592E1K22</b> <b>EAN: 4058352501344</b>	<b>LP-Nummer</b> <b>59178_2</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
$\gamma$	Lichtstärke in cd/klm													
0,0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
2,5°	170.3	170.8	171.3	171.7	172.2	172.8	173.2	173.5	173.9	174.4	175.0	175.8	176.5	177.1
5,0°	163.8	164.8	165.8	166.7	167.8	168.8	169.9	170.9	172.1	173.3	174.6	175.9	177.1	178.4
7,5°	157.9	159.2	160.7	162.1	163.7	165.2	167.0	168.8	170.7	172.8	174.8	176.6	178.4	180.3
10,0°	153.1	154.8	156.4	158.1	160.4	162.6	164.9	167.1	169.6	172.2	174.9	177.5	180.2	182.5
12,5°	149.3	151.1	153.1	155.1	157.9	160.8	163.6	166.3	169.1	172.2	175.3	178.6	182.0	185.0
15,0°	146.1	148.3	150.5	152.8	156.1	159.4	162.8	166.1	169.6	173.3	176.9	180.6	184.3	187.7
17,5°	143.1	145.6	148.2	150.9	154.8	158.7	162.5	166.2	170.1	174.2	178.4	182.8	187.1	190.9
20,0°	141.1	143.9	146.7	149.5	153.8	158.1	162.4	166.7	171.2	176.0	180.7	185.5	190.3	194.7
22,5°	139.4	142.4	145.3	148.2	153.1	158.1	163.0	167.7	172.8	178.2	183.5	188.7	193.8	198.6
25,0°	137.9	141.0	144.2	147.4	152.7	158.1	163.5	168.8	174.4	180.2	186.1	191.9	197.7	203.0
27,5°	136.8	140.3	143.8	147.2	152.9	158.5	164.3	170.1	176.2	182.4	188.7	195.1	201.5	207.2
30,0°	135.9	139.6	143.3	146.9	153.1	159.2	165.3	171.5	177.9	184.7	191.5	198.3	205.1	211.9
32,5°	135.5	139.3	143.1	146.9	153.5	160.1	166.6	173.0	179.9	187.2	194.5	201.7	208.9	216.4
35,0°	135.5	139.3	143.1	147.0	153.8	160.7	167.5	174.3	181.6	189.3	196.9	204.6	212.3	221.2
37,5°	134.9	138.9	142.9	146.8	153.9	161.0	168.1	175.2	182.9	191.1	199.2	207.1	215.1	225.8
40,0°	134.3	138.3	142.4	146.4	153.7	161.0	168.3	175.5	183.5	192.1	200.8	209.5	218.1	230.0
42,5°	133.4	137.5	141.7	145.8	153.2	160.6	168.0	175.4	183.7	193.1	202.4	211.5	220.5	233.7
45,0°	131.9	136.2	140.4	144.7	152.2	159.7	167.3	174.8	183.4	193.1	202.8	212.5	222.1	237.8
47,5°	129.4	134.0	138.4	142.9	150.9	158.8	166.6	174.4	183.3	193.4	203.5	213.7	223.9	241.9
50,0°	125.5	130.3	135.0	139.8	147.8	155.9	163.9	172.0	181.4	192.1	202.8	213.5	224.3	243.9
52,5°	120.8	125.6	130.4	135.1	143.3	151.4	159.6	167.7	177.6	189.1	200.6	211.8	223.1	244.4
55,0°	113.7	118.9	124.1	129.3	137.2	145.1	153.0	160.8	171.0	183.3	195.6	207.9	220.2	244.3
57,5°	103.8	109.7	115.4	121.1	128.7	136.2	143.6	151.0	161.3	174.5	187.8	201.6	215.4	242.9
60,0°	92.3	98.2	104.2	110.1	117.0	123.9	130.8	137.7	148.5	163.2	177.9	192.5	207.2	237.0
62,5°	77.9	83.4	88.7	94.0	100.8	107.5	114.1	120.7	131.7	146.9	162.2	177.5	192.9	222.0
65,0°	63.8	68.1	72.4	76.8	82.8	88.8	94.8	100.8	110.8	124.8	138.9	152.9	167.0	188.6
67,5°	50.2	53.0	56.2	59.4	64.4	69.3	73.8	78.2	85.9	97.0	108.4	120.6	132.9	143.9
70,0°	38.3	39.7	41.2	42.6	46.2	49.9	53.5	57.1	63.0	71.2	79.4	87.6	95.8	95.9
72,5°	28.1	28.6	29.3	30.1	32.0	33.9	36.3	38.8	42.6	47.6	52.4	56.4	60.5	57.7
75,0°	20.4	20.4	20.4	20.5	21.5	22.6	23.6	24.7	26.3	28.6	30.9	33.1	35.4	32.4
77,5°	13.4	12.9	12.3	11.8	12.5	13.3	14.2	15.3	16.2	17.0	17.8	18.4	19.0	17.4
80,0°	8.5	8.2	7.9	7.6	7.9	8.3	8.7	9.0	9.2	9.2	9.3	9.3	9.3	9.2
82,5°	4.6	4.6	4.4	4.3	4.5	4.6	4.7	4.8	4.8	4.7	4.7	4.7	4.7	4.7
85,0°	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	1.9
87,5°	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
90,0°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>SiCompact® FL31 maxi</b>	<b>Bestell-Nr.: 5XA7592E1K22</b> <b>EAN: 4058352501344</b>	<b>LP-Nummer</b> <b>59178_2</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
γ	Lichtstärke in cd/klm													
0,0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
2,5°	177.6	178.3	179.1	179.7	180.2	180.7	181.3	182.0	182.1	182.3	182.6	182.8	183.1	183.3
5,0°	179.7	181.0	182.3	183.5	184.5	185.5	186.5	187.5	188.0	188.6	189.2	189.7	190.2	190.5
7,5°	182.2	183.9	185.7	187.3	188.7	190.3	192.0	193.7	194.6	195.5	196.5	197.5	198.3	198.9
10,0°	184.7	187.0	189.3	191.5	193.7	195.8	198.0	200.1	201.5	202.9	204.2	205.6	206.6	207.3
12,5°	188.0	190.9	193.7	196.3	198.8	201.3	204.0	206.7	208.7	210.6	212.4	214.2	215.5	216.4
15,0°	191.1	194.6	198.0	201.3	204.5	207.6	210.8	214.0	216.3	218.6	220.9	223.2	224.8	225.8
17,5°	194.7	198.7	202.6	206.6	210.5	214.4	218.1	221.8	224.4	227.0	229.7	232.4	234.3	235.4
20,0°	199.0	203.4	207.8	212.2	216.5	220.8	225.1	229.4	232.5	235.7	238.8	242.0	244.2	245.4
22,5°	203.3	208.2	213.1	218.2	223.3	228.4	233.3	238.2	241.6	245.0	248.6	252.2	254.7	256.2
25,0°	208.2	213.5	218.7	224.3	230.2	236.2	242.1	248.0	251.9	255.9	259.8	263.7	266.4	268.0
27,5°	212.9	218.9	224.9	231.5	238.6	245.6	252.3	259.1	263.4	267.6	272.1	276.6	279.7	281.3
30,0°	218.7	225.4	232.2	239.5	247.4	255.2	263.1	270.9	276.0	281.0	286.1	291.2	294.5	296.0
32,5°	224.0	231.8	239.8	248.4	257.5	266.6	275.2	283.9	289.7	295.5	301.6	307.8	311.8	313.6
35,0°	230.2	239.1	248.1	257.6	267.8	277.9	288.1	298.2	305.6	313.0	320.4	327.8	332.3	333.9
37,5°	236.5	246.7	256.9	267.8	279.6	291.2	302.2	313.3	322.2	331.0	340.5	350.2	355.7	356.9
40,0°	241.8	253.6	265.5	278.1	291.4	304.8	318.1	331.5	342.8	354.2	365.5	376.8	383.3	384.9
42,5°	246.9	260.7	274.6	289.6	305.7	321.5	336.5	351.5	365.1	378.6	393.1	407.8	416.0	417.7
45,0°	253.6	269.3	285.0	302.2	320.9	339.6	358.4	377.1	394.4	411.8	429.2	446.5	456.2	458.1
47,5°	259.8	277.1	294.1	314.5	338.4	361.8	384.0	406.2	426.8	447.4	469.4	491.7	503.5	504.7
50,0°	263.6	283.3	303.0	326.7	354.5	382.3	410.1	437.9	463.5	489.1	514.7	540.3	553.2	553.3
52,5°	265.7	287.7	309.9	338.5	373.4	407.8	440.4	472.9	502.3	531.8	560.4	588.8	602.0	600.1
55,0°	268.4	292.5	316.6	348.2	387.4	426.5	465.7	504.8	534.9	565.0	595.1	625.2	635.8	627.1
57,5°	270.4	297.0	323.3	358.0	401.0	443.8	485.9	528.0	556.1	584.2	610.7	636.8	642.4	627.6
60,0°	266.8	296.5	326.3	363.1	406.9	450.7	494.5	538.3	560.8	583.3	605.8	628.3	624.9	595.8
62,5°	251.2	281.4	312.0	348.6	391.3	434.1	477.3	520.4	520.9	521.4	530.0	541.3	525.7	483.0
65,0°	210.3	231.9	253.5	288.2	335.9	383.6	431.3	478.9	460.0	441.0	422.0	403.0	370.7	325.0
67,5°	154.9	162.5	169.0	196.3	244.6	293.4	343.9	394.3	350.4	306.4	266.7	228.5	193.1	160.7
70,0°	96.1	96.2	96.4	116.1	155.5	194.8	234.2	273.6	235.0	196.4	157.8	119.2	94.8	84.6
72,5°	54.9	51.9	48.9	57.2	76.8	98.1	124.5	151.0	133.2	115.4	92.0	66.7	51.9	47.4
75,0°	29.4	26.5	23.5	26.0	34.1	42.1	50.1	58.2	53.0	47.9	42.8	37.7	33.8	31.2
77,5°	15.8	14.6	13.5	14.4	17.0	19.4	21.0	22.5	21.8	21.0	20.7	20.5	19.8	18.5
80,0°	9.0	8.9	8.8	8.9	9.4	9.9	10.4	10.9	10.8	10.7	10.6	10.5	10.3	9.8
82,5°	4.8	4.9	5.0	5.0	5.0	5.1	5.2	5.3	5.1	5.0	4.8	4.6	4.5	4.3
85,0°	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.6	1.5	1.4
87,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
90,0°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

## Lichttechnischer Prüfbefund

<b>Familie</b> SiCompact® FL31 maxi	<b>Bestell-Nr.: 5XA7592E1K22</b> <b>EAN: 4058352501344</b>	<b>LP-Nummer</b> 59178_2
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>sitEco</b>
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C- Ebenen	350°	355°	Phi-Zone	Summe Phi-Zone
$\gamma$	Lichtstärke in cd/klm		Lichtstrom in lm/klm	
0,0°	176.3	176.3	0.3	0.3
2,5°	183.5	183.7	2.1	2.4
5,0°	190.9	191.3	4.2	6.6
7,5°	199.5	200.0	6.3	12.9
10,0°	207.9	208.6	8.5	21.4
12,5°	217.3	218.0	10.7	32.1
15,0°	226.7	227.7	13.0	45.1
17,5°	236.5	237.5	15.3	60.4
20,0°	246.7	247.9	17.7	78.0
22,5°	257.7	259.2	20.2	98.2
25,0°	269.6	271.2	22.7	120.9
27,5°	282.9	284.5	25.4	146.4
30,0°	297.6	299.2	28.3	174.6
32,5°	315.4	317.2	31.3	205.9
35,0°	335.5	337.1	34.5	240.4
37,5°	358.2	359.6	37.8	278.2
40,0°	386.5	388.2	41.5	319.7
42,5°	419.4	421.0	45.4	365.1
45,0°	460.0	461.9	49.8	414.9
47,5°	505.9	506.9	54.6	469.4
50,0°	553.3	553.4	59.4	528.8
52,5°	597.7	594.2	64.2	593.0
55,0°	618.3	609.6	67.8	660.8
57,5°	613.1	599.8	69.6	730.4
60,0°	566.6	537.4	69.0	799.4
62,5°	440.8	400.4	62.2	861.6
65,0°	279.3	233.6	50.3	911.9
67,5°	130.9	109.4	35.1	947.0
70,0°	74.3	64.1	23.2	970.2
72,5°	43.1	39.4	13.8	984.0
75,0°	28.6	26.0	7.5	991.6
77,5°	17.1	15.5	4.2	995.8
80,0°	9.3	8.8	2.4	998.2
82,5°	4.2	4.1	1.2	999.4
85,0°	1.3	1.3	0.5	999.9
87,5°	0.3	0.3	0.1	1000.0
90,0°	0.1	0.1	0.0	1000.0