

## Lichttechnischer Prüfbefund

**Familie**  
**PILZLEUCHTE LED**

**Bestell-Nr.: 5XA5235LF14HP**  
**EAN: 4058352833223**

**LP-Nummer**  
**59053\_11**



**Ausführung** Mastaufsatz- oder Montage am Wandausleger  
**Optik** asymmetrisch, extrem breit strahlend (P1.0a)  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 4000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 4960 lm  
 Systemleistung = 33.6 W  
 Lichtausbeute = 147.6 lm/W

**Seriendokumentation**  
24.05.2022

siteco

**Lichtstärke in cd/klm**

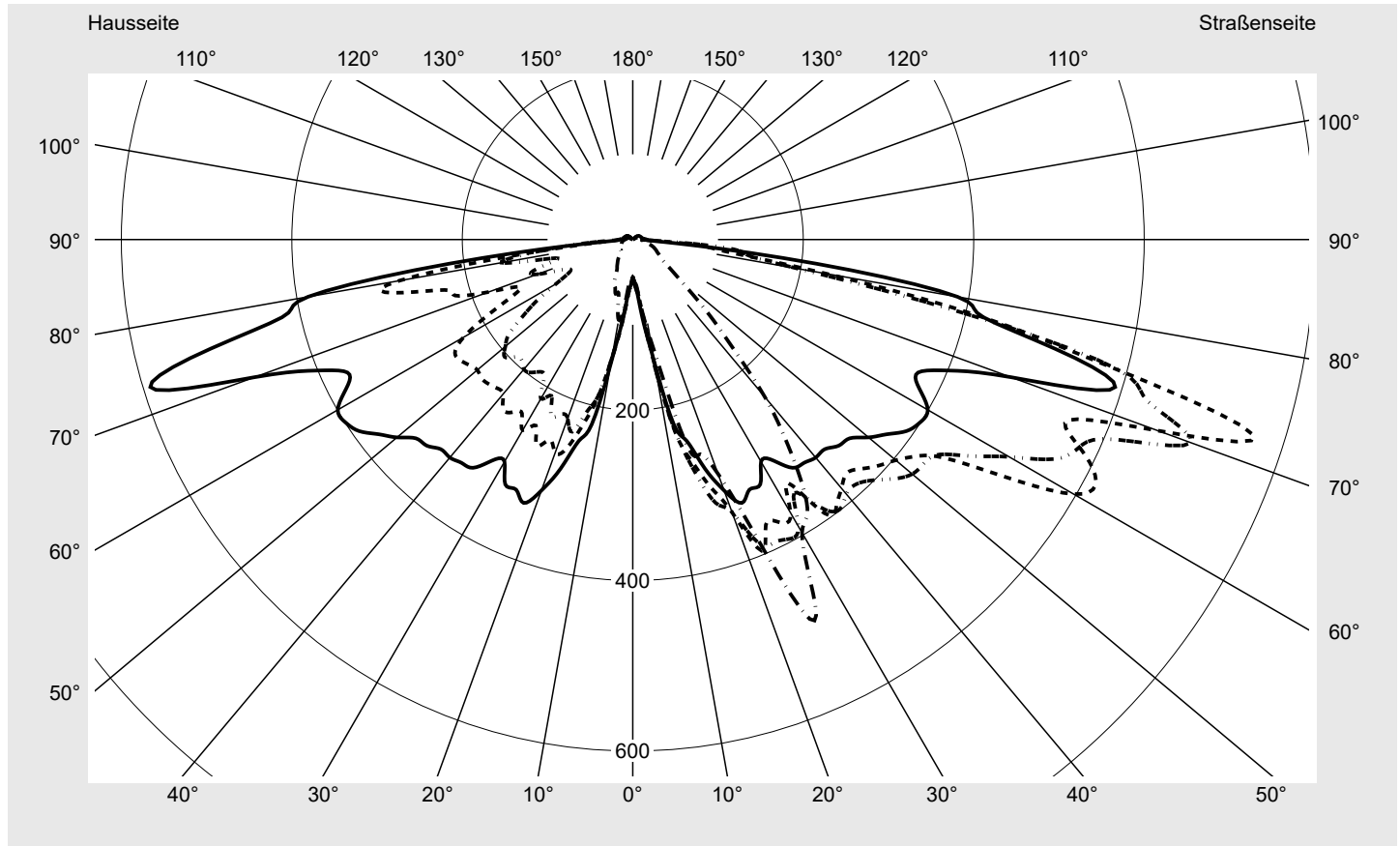
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 764 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	96.1%
Eta 90° - 180°	3.9%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	---
Imax 70°	697.0
Imax 80°	386.9
Imax 90°	20.4
Imax >90°	12.9
Imax >95°	11.6

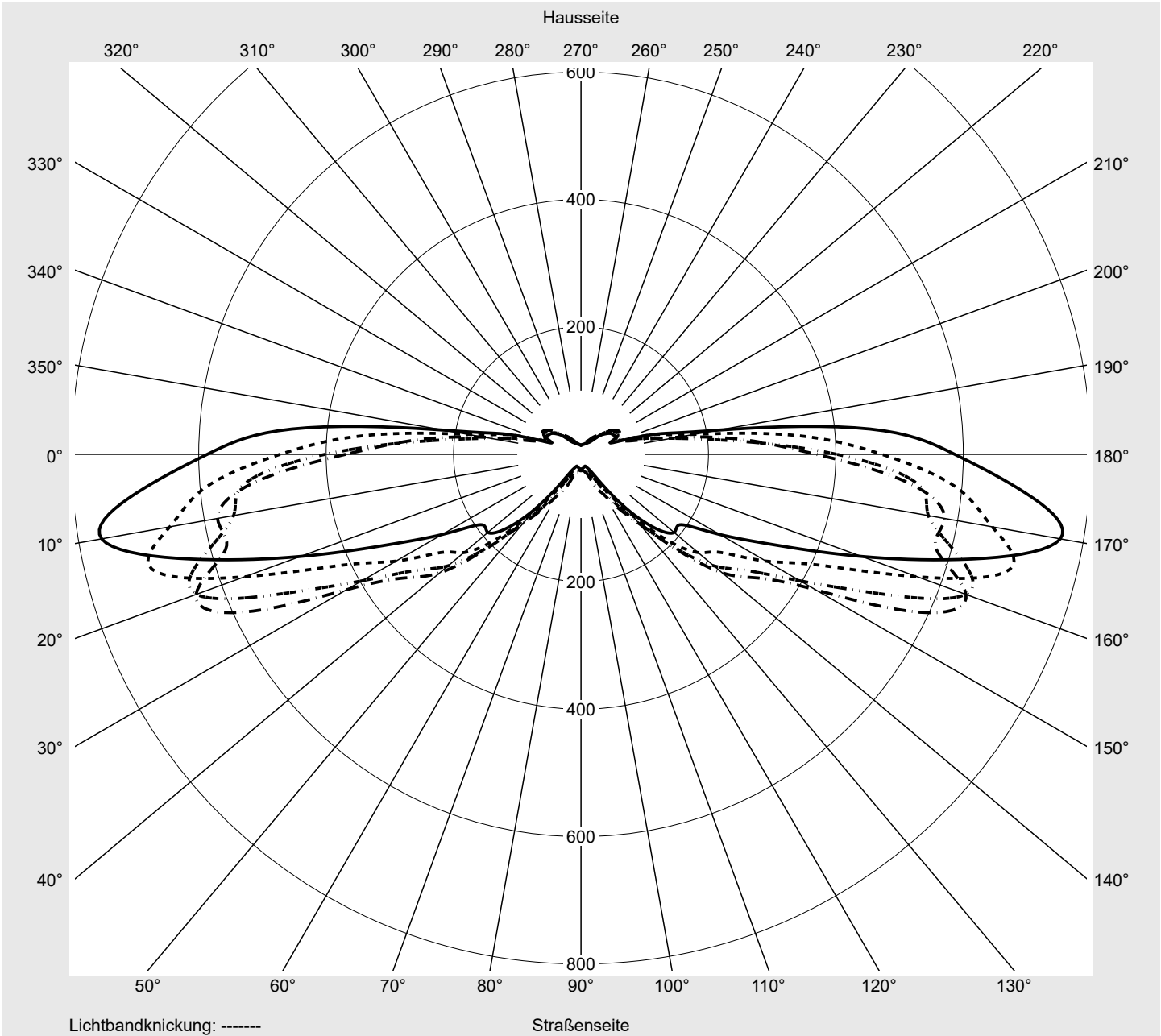
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

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**Kegelmantelkurven in cd/klm**    **KMK 72,5°**    **KMK 70°**    **KMK 67,5°**    **KMK 65°**    **siteco**



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

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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2,5°	53.7	52.4	52.0	51.9	51.5	51.8	52.1	52.2	52.5	51.9	52.0	52.1	52.1
5,0°	64.8	67.5	63.5	59.8	55.4	52.6	52.8	54.4	56.2	57.6	58.1	57.8	58.1
7,5°	100.0	92.5	86.7	90.4	97.8	99.1	104.5	99.4	93.3	96.0	100.4	102.5	97.8
10,0°	146.6	155.5	153.1	157.3	156.2	145.3	141.0	146.1	145.9	147.6	148.1	143.4	138.6
12,5°	221.9	227.0	233.1	230.6	232.8	233.3	223.9	213.1	211.7	199.9	197.1	196.6	194.5
15,0°	244.5	250.6	270.5	282.9	262.8	282.7	289.1	289.2	270.5	267.5	259.7	254.9	248.1
17,5°	282.0	295.1	305.3	324.1	317.2	320.5	322.8	306.5	312.0	344.8	348.5	327.1	309.3
20,0°	313.3	322.4	340.6	340.4	341.1	359.5	357.6	377.7	374.1	370.3	347.3	357.3	362.4
22,5°	334.5	367.9	395.2	385.3	371.9	368.6	357.8	354.8	370.2	397.6	381.6	379.6	391.9
25,0°	323.8	349.7	369.4	392.2	394.1	368.9	375.8	357.3	362.5	383.6	376.2	370.1	389.5
27,5°	323.9	344.9	374.3	396.1	382.2	379.4	373.8	375.3	383.8	375.4	373.7	366.7	369.4
30,0°	301.0	338.7	370.3	388.7	379.6	365.1	361.5	359.1	355.5	361.1	345.6	350.1	337.4
32,5°	307.6	320.3	338.4	352.5	359.2	364.6	366.0	360.5	354.7	343.2	326.7	328.4	313.6
35,0°	326.9	361.8	391.8	383.2	376.7	369.2	367.7	359.8	346.2	340.5	301.1	292.4	272.2
37,5°	330.2	363.2	392.9	398.9	396.8	383.0	357.0	345.2	334.6	327.0	285.6	265.1	239.3
40,0°	333.9	353.4	381.0	389.8	390.9	386.8	379.1	354.5	319.6	302.2	262.5	238.1	223.5
42,5°	333.5	351.3	371.7	388.9	387.5	375.8	363.0	342.3	311.9	284.6	249.8	205.0	196.8
45,0°	341.9	362.2	380.2	399.3	390.3	376.6	351.8	329.8	296.3	260.9	228.4	183.0	172.5
47,5°	345.2	380.9	392.3	415.4	400.0	384.6	350.6	323.1	289.9	245.4	200.1	174.5	165.5
50,0°	361.1	400.1	402.8	428.0	411.7	407.1	367.7	330.4	292.7	225.1	175.6	165.5	157.1
52,5°	375.3	413.6	417.9	430.9	420.6	421.9	383.8	328.6	290.7	209.5	152.5	152.7	140.1
55,0°	391.8	436.8	446.7	439.6	431.7	417.6	383.3	326.6	284.7	205.0	149.8	141.2	123.9
57,5°	399.5	455.1	518.5	473.0	435.3	437.9	382.0	321.7	284.0	204.3	152.6	129.9	105.7
60,0°	399.6	474.6	597.3	509.9	484.4	492.4	393.4	327.5	283.7	204.4	157.3	117.0	92.5
62,5°	379.1	509.6	612.6	557.6	564.0	551.5	411.4	332.8	291.4	206.6	157.4	111.6	88.1
65,0°	369.2	516.4	579.2	577.5	643.0	586.4	425.1	338.3	289.1	208.9	142.3	104.8	74.5
67,5°	401.6	530.0	553.5	612.9	642.8	517.6	397.1	317.8	272.2	205.3	139.3	93.8	49.8
70,0°	472.1	590.9	655.3	697.0	561.8	411.1	335.3	268.7	239.8	189.3	123.3	75.3	41.1
72,5°	586.6	700.8	763.9	634.8	468.6	336.8	251.6	192.5	190.7	163.3	111.6	56.1	30.6
75,0°	537.4	513.2	585.8	589.1	391.1	256.2	181.6	141.2	139.5	123.5	84.5	50.0	24.4
77,5°	421.5	407.3	419.7	395.2	251.5	170.8	134.9	128.3	104.0	73.5	44.0	30.4	16.9
80,0°	386.9	304.0	230.0	197.1	163.1	125.9	109.2	96.0	69.2	51.7	35.5	24.7	15.2
82,5°	217.5	147.5	114.5	134.4	116.2	97.5	89.6	71.1	44.0	33.9	26.8	20.0	14.1
85,0°	53.7	54.6	77.4	107.7	86.2	64.7	65.0	51.1	35.9	29.0	22.0	17.6	13.4
87,5°	17.6	17.8	18.5	19.3	23.0	26.9	29.0	29.9	27.3	26.8	20.5	14.8	12.4
90,0°	15.0	15.2	15.5	15.6	16.2	18.3	20.1	20.4	19.5	18.5	16.9	13.5	12.2
92,5°	12.8	12.9	12.9	12.9	12.9	12.7	12.6	12.6	12.4	12.3	12.2	12.1	11.8
95,0°	12.0	12.1	12.2	12.2	12.1	11.9	11.8	11.6	11.6	11.4	11.3	11.1	10.8
97,5°	11.5	11.6	11.6	11.5	11.5	11.3	11.3	11.1	10.8	10.6	10.6	10.4	10.4
100,0°	11.2	11.3	11.3	11.3	11.2	11.1	10.8	10.6	10.6	10.4	10.4	10.1	10.1
102,5°	10.7	10.7	10.8	10.8	10.7	10.6	10.5	10.4	10.2	10.1	10.0	9.9	9.9
105,0°	10.4	10.5	10.5	10.5	10.5	10.4	10.2	10.1	10.0	9.9	9.8	9.8	9.8
107,5°	10.0	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.8	9.7	9.7	9.5	9.5
110,0°	9.8	9.8	9.9	9.9	9.9	9.9	9.7	9.7	9.5	9.5	9.5	9.4	9.4
112,5°	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.3	9.3	9.3	9.3	9.3

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

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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2,5°	51.1	50.8	50.3	50.3	50.4	50.0	53.2	55.0	56.7	55.1	53.7	52.7	51.5
5,0°	58.7	58.3	58.3	57.9	57.0	57.0	65.5	67.2	69.8	72.1	72.2	71.8	70.5
7,5°	92.8	89.8	86.9	85.6	85.5	85.6	103.7	102.8	98.8	94.8	90.5	90.6	85.0
10,0°	135.6	130.4	133.2	128.9	121.5	118.0	139.5	141.9	141.0	133.7	125.9	127.3	123.3
12,5°	183.2	179.9	181.9	184.6	179.9	173.6	203.1	189.9	188.5	172.1	156.1	158.0	159.4
15,0°	247.1	245.4	248.5	248.7	251.3	255.2	236.9	224.2	209.9	185.7	179.2	168.7	158.6
17,5°	311.2	296.0	291.7	277.6	267.1	264.1	251.3	256.3	236.4	239.1	208.4	191.1	175.6
20,0°	368.3	359.2	332.5	318.3	305.1	292.7	286.0	266.2	223.4	199.9	183.0	165.0	141.5
22,5°	385.9	386.2	395.9	390.3	381.2	373.9	300.7	254.3	222.4	193.0	169.2	156.5	131.3
25,0°	389.6	400.2	432.9	478.3	495.5	491.2	299.6	266.8	227.2	176.8	147.6	131.7	131.6
27,5°	354.1	363.9	401.2	439.2	452.1	450.9	280.6	246.2	206.7	175.7	161.1	144.3	127.7
30,0°	329.5	336.2	368.2	391.6	398.7	397.2	283.3	258.3	215.6	177.2	152.1	136.6	116.2
32,5°	298.3	315.2	345.2	367.0	377.4	381.3	284.0	241.9	193.6	172.4	156.6	133.2	93.3
35,0°	274.4	294.3	318.2	331.1	338.3	343.4	294.4	247.4	189.4	170.0	157.3	113.8	75.0
37,5°	247.2	262.8	283.2	291.5	297.5	293.2	294.2	250.1	196.6	179.7	153.7	93.3	70.7
40,0°	229.6	233.6	240.2	241.5	243.0	241.0	310.3	236.7	198.6	180.8	123.5	74.2	71.9
42,5°	208.5	214.1	209.1	196.3	184.5	177.8	312.1	236.3	192.5	170.4	98.5	70.2	72.6
45,0°	173.6	177.4	168.1	151.8	140.0	133.6	320.6	239.4	194.7	145.3	72.1	70.0	72.6
47,5°	151.8	146.7	137.4	115.3	102.6	96.1	325.3	240.7	203.8	113.7	64.6	68.1	71.3
50,0°	134.1	118.9	105.1	87.1	75.9	69.3	324.9	238.1	195.1	83.9	63.3	65.3	67.7
52,5°	113.9	97.3	86.1	68.9	60.0	54.0	332.4	241.9	183.7	73.4	63.3	62.4	63.1
55,0°	95.2	78.4	69.7	54.6	48.3	43.5	335.9	247.0	158.3	74.9	67.1	61.3	60.8
57,5°	82.1	64.5	54.1	42.8	38.9	38.9	339.8	247.3	133.4	77.1	71.2	61.0	59.2
60,0°	71.2	50.5	43.9	35.1	35.1	35.8	341.4	229.2	104.0	74.0	71.1	65.5	63.2
62,5°	61.9	41.0	33.2	31.1	32.0	32.6	309.5	191.0	84.5	70.6	66.3	69.2	66.3
65,0°	59.2	38.6	29.5	28.3	29.7	30.5	259.1	154.0	81.9	68.5	65.1	70.0	65.5
67,5°	37.8	30.5	25.7	25.8	27.3	28.2	241.9	144.6	95.0	64.2	62.8	66.9	60.3
70,0°	27.7	25.7	23.2	23.6	25.4	25.8	339.5	180.0	119.2	61.5	61.7	64.8	58.1
72,5°	23.5	19.8	20.2	21.5	22.7	22.8	455.6	218.5	122.7	53.9	59.1	59.7	56.9
75,0°	17.7	17.7	18.4	19.1	19.3	19.3	472.8	228.5	94.1	51.5	54.4	55.1	54.9
77,5°	15.7	16.1	16.4	16.3	15.2	14.4	407.8	288.6	106.6	45.6	50.4	52.7	50.8
80,0°	14.4	14.7	14.3	13.7	13.1	13.0	188.8	278.3	156.2	52.7	47.9	50.4	50.0
82,5°	13.6	13.5	12.8	12.4	12.2	12.1	134.0	132.0	120.2	47.7	45.5	50.8	50.7
85,0°	12.8	12.2	11.9	11.6	11.5	11.4	78.4	45.4	68.8	41.1	41.5	46.0	42.9
87,5°	11.9	11.2	10.9	10.8	10.7	10.7	18.6	22.1	25.2	26.8	27.5	29.1	26.5
90,0°	11.5	11.1	10.6	10.5	10.5	10.5	14.4	16.4	18.3	18.4	19.2	18.4	16.8
92,5°	11.5	10.9	10.6	10.2	10.2	10.2	12.7	12.4	12.3	12.1	11.8	11.5	11.4
95,0°	10.6	10.4	10.1	10.1	10.1	10.0	11.9	11.8	11.6	11.4	11.2	10.9	10.7
97,5°	10.2	10.1	10.0	10.0	10.0	10.0	11.5	11.3	11.2	10.9	10.7	10.5	10.2
100,0°	9.9	9.9	9.9	9.8	9.8	9.8	11.1	10.9	10.7	10.5	10.2	10.0	9.9
102,5°	9.8	9.8	9.8	9.7	9.5	9.5	10.6	10.5	10.2	10.0	9.9	9.7	9.4
105,0°	9.7	9.5	9.5	9.5	9.5	9.5	10.2	10.0	10.0	9.8	9.5	9.3	9.1
107,5°	9.5	9.5	9.5	9.4	9.4	9.1	9.9	9.8	9.5	9.3	9.1	9.1	8.8
110,0°	9.3	9.3	9.3	9.3	9.3	8.8	9.5	9.5	9.3	9.1	8.8	8.6	8.5
112,5°	9.3	9.2	9.2	9.1	9.0	7.9	9.3	9.1	9.1	8.8	8.6	8.4	8.3

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

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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	0.1	0.1
2,5°	51.1	51.2	51.4	52.0	52.2	52.6	53.5	54.0	54.2	53.5	53.0	0.6	0.7
5,0°	71.0	68.3	65.7	62.2	62.5	60.6	57.4	56.8	55.5	53.5	53.3	1.5	2.2
7,5°	83.4	85.2	77.8	79.2	79.2	80.5	79.8	81.3	76.8	79.0	83.5	3.2	5.4
10,0°	120.5	126.8	111.3	101.1	96.2	94.5	95.2	96.2	92.1	92.8	95.6	6.1	11.5
12,5°	132.9	128.2	119.8	113.8	102.3	88.5	81.1	83.9	83.9	79.6	79.8	10.0	21.6
15,0°	155.9	141.8	123.7	109.9	104.9	81.9	74.9	73.2	73.1	67.0	64.7	14.3	35.8
17,5°	143.3	131.0	119.6	112.1	107.7	91.8	79.0	70.7	74.5	68.4	66.8	19.0	54.8
20,0°	132.3	123.2	116.9	103.1	88.8	79.9	70.7	63.6	59.9	59.7	60.3	22.9	77.7
22,5°	114.4	109.5	100.4	89.3	76.7	67.7	59.7	52.9	53.5	57.5	57.2	26.9	104.6
25,0°	114.6	97.5	79.6	65.1	58.4	56.5	54.3	47.6	47.1	48.7	48.6	30.0	134.6
27,5°	107.3	78.8	64.6	57.1	54.1	52.6	49.3	43.6	42.0	42.1	40.3	31.7	166.3
30,0°	85.0	63.9	57.7	54.9	51.7	48.7	45.0	38.3	37.6	37.8	36.8	32.4	198.7
32,5°	65.6	59.3	57.2	55.5	51.9	48.5	43.7	36.4	35.1	34.8	33.5	33.2	231.9
35,0°	63.8	59.1	55.7	54.4	52.2	47.2	42.1	35.3	32.2	31.6	30.7	34.7	266.6
37,5°	69.1	65.1	59.1	53.9	49.1	44.8	39.1	33.7	27.9	28.6	27.7	35.6	302.2
40,0°	71.5	67.1	61.7	56.3	49.3	42.1	35.8	30.5	24.5	25.2	24.2	35.7	337.9
42,5°	72.0	67.2	63.1	55.1	47.0	39.8	33.3	27.6	22.2	22.7	21.6	35.4	373.2
45,0°	71.1	67.4	63.8	54.4	44.1	35.9	29.4	25.0	20.8	20.7	19.5	35.0	408.3
47,5°	70.3	66.4	63.4	54.4	42.9	33.7	27.3	23.4	19.7	19.4	18.6	35.3	443.6
50,0°	67.6	64.7	62.4	54.9	42.7	32.7	26.3	22.5	19.8	19.5	18.8	35.8	479.4
52,5°	63.1	62.2	60.0	52.5	41.2	31.9	25.5	22.3	20.5	20.0	19.3	36.4	515.8
55,0°	59.0	58.9	57.0	48.9	38.4	30.0	24.7	21.4	19.9	19.4	18.8	37.0	552.8
57,5°	55.8	54.2	53.4	46.0	35.8	28.3	23.3	20.2	18.5	18.1	17.7	38.2	591.1
60,0°	54.1	49.3	48.4	40.7	32.5	26.2	22.0	19.3	17.7	17.2	16.5	40.0	631.1
62,5°	55.4	46.3	42.9	36.3	29.3	24.3	20.8	18.6	17.0	16.4	15.8	41.6	672.7
65,0°	57.2	45.0	37.8	32.3	26.2	22.7	19.8	17.9	16.5	15.7	15.1	42.2	714.9
67,5°	55.4	43.6	34.2	28.7	23.8	20.9	18.7	17.1	15.9	15.0	14.4	41.6	756.5
70,0°	52.5	41.9	31.3	25.8	21.8	19.4	17.9	16.6	15.8	14.8	14.0	42.6	799.1
72,5°	49.9	41.2	29.4	23.2	20.7	18.5	17.2	16.1	15.6	14.8	13.7	42.8	841.8
75,0°	49.4	39.0	27.8	22.2	19.9	17.8	16.4	15.4	15.0	14.2	13.0	36.6	878.4
77,5°	45.6	36.6	26.5	21.4	19.0	16.6	15.5	14.7	14.3	13.7	12.8	29.1	907.6
80,0°	44.1	35.0	23.3	20.2	17.5	15.7	14.8	14.0	13.4	12.9	12.1	21.9	929.5
82,5°	40.6	31.1	20.0	17.7	16.3	15.5	14.4	13.5	12.7	12.4	11.6	14.9	944.4
85,0°	35.4	23.5	17.2	15.1	15.2	14.5	13.5	12.6	11.9	11.9	10.9	9.7	954.2
87,5°	19.4	14.4	12.7	11.8	11.4	11.2	10.9	10.8	10.5	10.6	9.8	4.9	959.1
90,0°	13.8	13.1	12.0	11.2	11.1	10.9	10.6	10.5	10.4	10.4	9.3	3.9	963.1
92,5°	11.3	11.3	11.2	10.8	10.8	10.7	10.6	10.2	10.1	10.1	9.1	3.2	966.2
95,0°	10.5	10.4	10.2	9.9	9.7	9.4	9.2	9.1	8.8	8.6	7.7	2.9	969.2
97,5°	10.1	9.9	9.7	9.4	9.2	9.0	8.7	8.6	8.4	8.1	7.4	2.8	972.0
100,0°	9.7	9.4	9.2	9.0	8.7	8.5	8.4	8.1	7.9	7.7	7.2	2.7	974.7
102,5°	9.2	9.0	8.7	8.5	8.4	8.1	7.9	7.9	7.7	7.4	7.0	2.6	977.2
105,0°	8.8	8.6	8.4	8.3	8.0	7.8	7.7	7.4	7.2	7.0	6.7	2.5	979.7
107,5°	8.6	8.4	8.1	7.9	7.7	7.4	7.3	7.2	7.0	6.7	6.0	2.4	982.0
110,0°	8.4	8.1	7.9	7.7	7.4	7.2	7.1	7.0	6.7	6.5	5.4	2.3	984.3
112,5°	8.0	7.8	7.7	7.4	7.2	7.0	6.7	6.7	6.5	6.2	4.4	2.2	986.5

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>PILZLEUCHTE LED</b>	<b>Bestell-Nr.: 5XA5235LF14HP</b> <b>EAN: 4058352833223</b>	<b>LP-Nummer</b> <b>59053_11</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°
$\gamma$	Lichtstärke in cd/klm												
115,0°	9.1	9.2	9.3	9.3	9.3	9.3	9.3	9.2	9.1	9.1	9.1	9.1	9.1
117,5°	8.8	8.8	9.1	9.1	9.1	9.1	9.0	8.8	8.8	8.8	8.8	8.8	8.8
120,0°	8.6	8.6	8.6	8.7	8.7	8.8	8.7	8.6	8.6	8.6	8.6	8.6	8.6
122,5°	8.1	8.1	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
125,0°	7.4	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.7	7.8	7.8
127,5°	6.4	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
130,0°	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
132,5°	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6
135,0°	3.1	3.1	3.3	3.3	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0
137,5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6
140,0°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.1
142,5°	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.7	1.7	1.7	1.7	1.7	1.6
145,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.3
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

<b>Familie</b> <b>PILZLEUCHTE LED</b>	<b>Bestell-Nr.: 5XA5235LF14HP</b> <b>EAN: 4058352833223</b>	<b>LP-Nummer</b> <b>59053_11</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	9.1	9.1	9.1	9.1	8.0	5.1	9.1	8.8	8.8	8.6	8.4	8.1	7.9
117,5°	8.8	8.8	8.8	8.8	7.1	3.7	8.6	8.6	8.4	8.1	8.1	7.9	7.7
120,0°	8.6	8.6	8.6	8.6	6.4	3.3	8.4	8.3	8.1	7.9	7.8	7.7	7.4
122,5°	8.4	8.4	8.4	8.4	5.5	2.6	8.0	7.8	7.7	7.6	7.4	7.2	7.0
125,0°	7.8	7.8	7.8	7.6	4.9	2.6	7.3	7.1	7.1	6.9	6.7	6.6	6.4
127,5°	6.7	6.7	6.7	6.5	4.2	2.3	6.3	6.0	6.0	5.8	5.8	5.6	5.4
130,0°	5.2	5.2	5.2	4.9	3.3	1.9	4.8	4.8	4.5	4.5	4.4	4.2	4.2
132,5°	3.6	3.6	3.6	3.3	2.2	1.6	3.7	3.5	3.5	3.4	3.3	3.1	3.1
135,0°	3.0	3.0	3.0	2.7	1.9	1.4	3.0	3.0	3.0	2.9	2.9	2.8	2.7
137,5°	2.6	2.6	2.4	2.2	1.5	1.4	2.7	2.7	2.6	2.6	2.6	2.6	2.4
140,0°	2.1	2.1	2.1	1.7	1.3	1.2	2.3	2.2	2.2	2.2	2.2	2.2	2.1
142,5°	1.6	1.6	1.6	1.4	1.0	0.9	2.0	2.0	1.9	1.9	1.9	1.7	1.7
145,0°	1.2	1.2	1.2	1.0	0.8	0.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5
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

<b>Familie</b> <b>PILZLEUCHTE LED</b>	<b>Bestell-Nr.: 5XA5235LF14HP</b> <b>EAN: 4058352833223</b>	<b>LP-Nummer</b> <b>59053_11</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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
$\gamma$	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.5	6.3	5.2	2.6	2.0	988.5
117,5°	7.4	7.2	7.0	6.7	6.6	6.5	6.3	6.2	5.9	4.7	2.3	1.9	990.4
120,0°	7.2	7.0	6.7	6.5	6.4	6.3	6.0	5.9	5.7	4.1	2.1	1.8	992.2
122,5°	6.7	6.6	6.4	6.3	6.0	5.8	5.7	5.6	5.5	3.6	1.9	1.7	993.9
125,0°	6.2	5.9	5.8	5.6	5.5	5.2	5.1	5.0	4.8	3.3	1.9	1.5	995.4
127,5°	5.2	5.0	4.9	4.8	4.5	4.3	4.3	4.1	3.8	2.7	1.6	1.2	996.6
130,0°	4.0	3.8	3.6	3.5	3.4	3.3	3.1	3.0	2.8	2.1	1.4	0.9	997.5
132,5°	2.9	2.9	2.8	2.7	2.6	2.4	2.3	2.3	2.0	1.6	1.4	0.6	998.2
135,0°	2.7	2.6	2.4	2.3	2.3	2.3	2.2	2.1	1.9	1.6	1.4	0.5	998.7
137,5°	2.3	2.3	2.2	2.1	2.1	2.1	2.1	1.9	1.7	1.5	1.4	0.4	999.1
140,0°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.7	1.6	1.4	1.2	0.4	999.5
142,5°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.4	1.4	1.2	0.3	999.8
145,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.2	0.2	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

<b>Familie</b> <b>PILZLEUCHTE LED</b>	<b>Bestell-Nr.: 5XA5235LF14HP</b> <b>EAN: 4058352833223</b>	<b>LP-Nummer</b> <b>59053_11</b>
<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 25°C</b>
<b>siteco</b>		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	4960	33.6	35.9	34.8
95	241	252	4706	31.4	33.5	32.4
90	229	250	4472	29.4	31.4	30.4
85	216	248	4218	27.4	29.2	28.3
80	203	246	3964	25.5	27.1	26.3
75	190	243	3710	23.6	25.2	24.4
70	178	241	3476	21.9	23.3	22.6
65	165	238	3222	20.2	21.5	20.8
60	152	235	2968	18.5	19.6	19.0
55	140	232	2734	16.9	18.0	17.4
50	127	229	2480	15.3	16.2	15.8
45	114	225	2226	13.7	14.5	14.1
40	102	221	1992	12.3	13.0	12.6
35	89	216	1738	10.8	11.4	11.1
30	76	210	1484	9.3	9.8	9.6
25	63	203	1230	7.8	8.2	8.0
20	51	195	996	6.6	6.9	6.8
15	38	184	742	5.2	5.5	5.4
11	28	173	547	4.1	4.4	4.2