

Lichttechnischer Prüfbefund

Familie
PILZLEUCHTE LED

Bestell-Nr.: 5XA5235BF14HP
EAN: 4058352831922

LP-Nummer
59053_9



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2200 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 3920 lm
 Systemleistung = 33.6 W
 Lichtausbeute = 116.7 lm/W

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

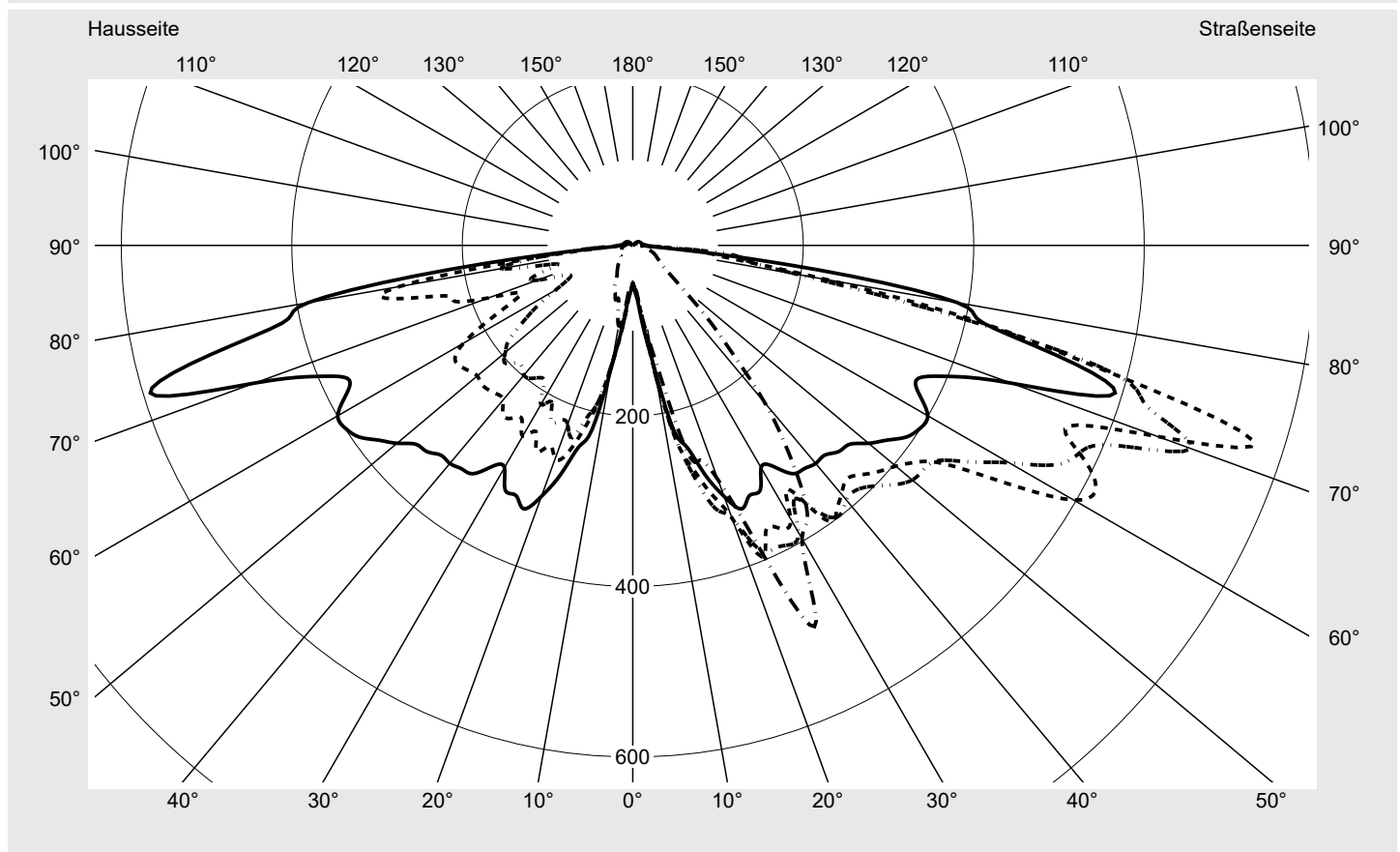
C180-0

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

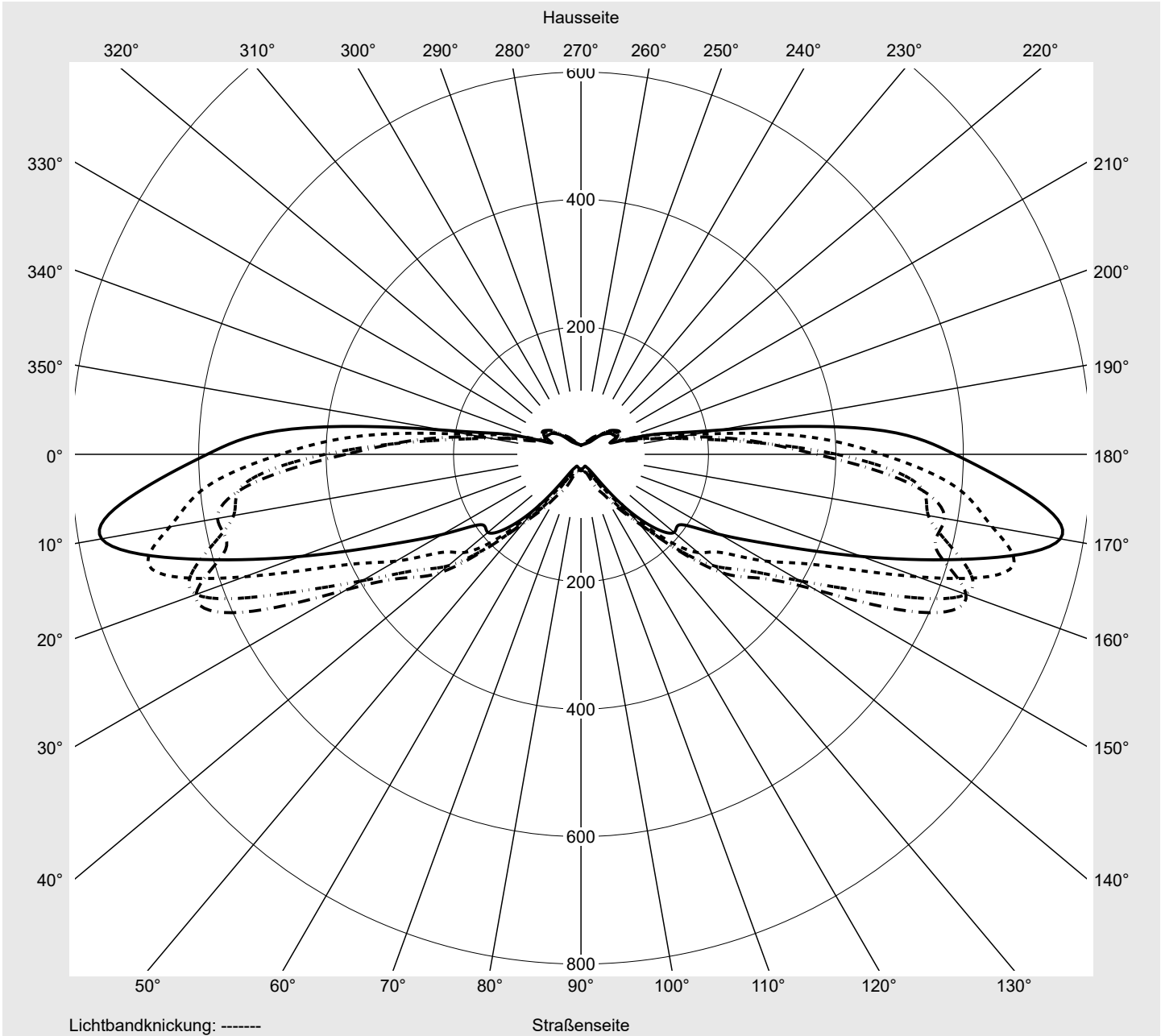
Messbedingungen

DIN EN 13032 und DIN 5032

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



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Familie PILZLEUCHTE LED	Bestell-Nr.: 5XA5235BF14HP EAN: 4058352831922	LP-Nummer 59053_9
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°	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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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°	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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		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°	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

Familie PILZLEUCHTE LED	Bestell-Nr.: 5XA5235BF14HP EAN: 4058352831922	LP-Nummer 59053_9
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°	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

Familie PILZLEUCHTE LED	Bestell-Nr.: 5XA5235BF14HP EAN: 4058352831922	LP-Nummer 59053_9
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°	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

Familie PILZLEUCHTE LED	Bestell-Nr.: 5XA5235BF14HP EAN: 4058352831922	LP-Nummer 59053_9
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°	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

Familie PILZLEUCHTE LED	Bestell-Nr.: 5XA5235BF14HP EAN: 4058352831922	LP-Nummer 59053_9
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	3920	33.6	35.9	34.8
95	241	252	3719	31.3	33.5	32.4
90	229	250	3534	29.4	31.4	30.4
85	216	248	3334	27.3	29.2	28.2
80	203	246	3133	25.4	27.1	26.2
75	190	243	2932	23.5	25.1	24.3
70	178	241	2747	21.9	23.3	22.6
65	165	238	2546	20.1	21.4	20.8
60	152	235	2346	18.4	19.5	19.0
55	140	232	2161	16.8	17.9	17.4
50	127	229	1960	15.2	16.2	15.7
45	114	225	1759	13.6	14.5	14.0
40	102	221	1574	12.2	13.0	12.6
35	89	216	1374	10.7	11.3	11.0
30	76	210	1173	9.2	9.7	9.4
25	63	203	972	7.8	8.2	8.0
20	51	195	787	6.6	6.9	6.8
15	38	184	586	5.2	5.4	5.3
11	28	173	432	4.1	4.3	4.2