

Lichttechnischer Prüfbefund

Familie
PILZLEUCHTE LED

Bestell-Nr.: 5XA5235MF14H + 5XA54000XBL
EAN: 4058352833247 + 4050737971421

LP-Nummer
59055_23



Ausführung Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig

Optik asymmetrisch, breit strahlend (ST1.2a)

Abdeckung Abdeckung klar, PMMA

Bestückung LED 2700 K | CRI \geq 70

Betriebsgerät EVG SITECO iQ

Bemessungswerte Nettolichtstrom = 1540 lm
Systemleistung = 11.8 W
Lichtausbeute = 130.5 lm/W

Seriendokumentation
04.11.2022

siteco

Lichtstärke in cd/klm

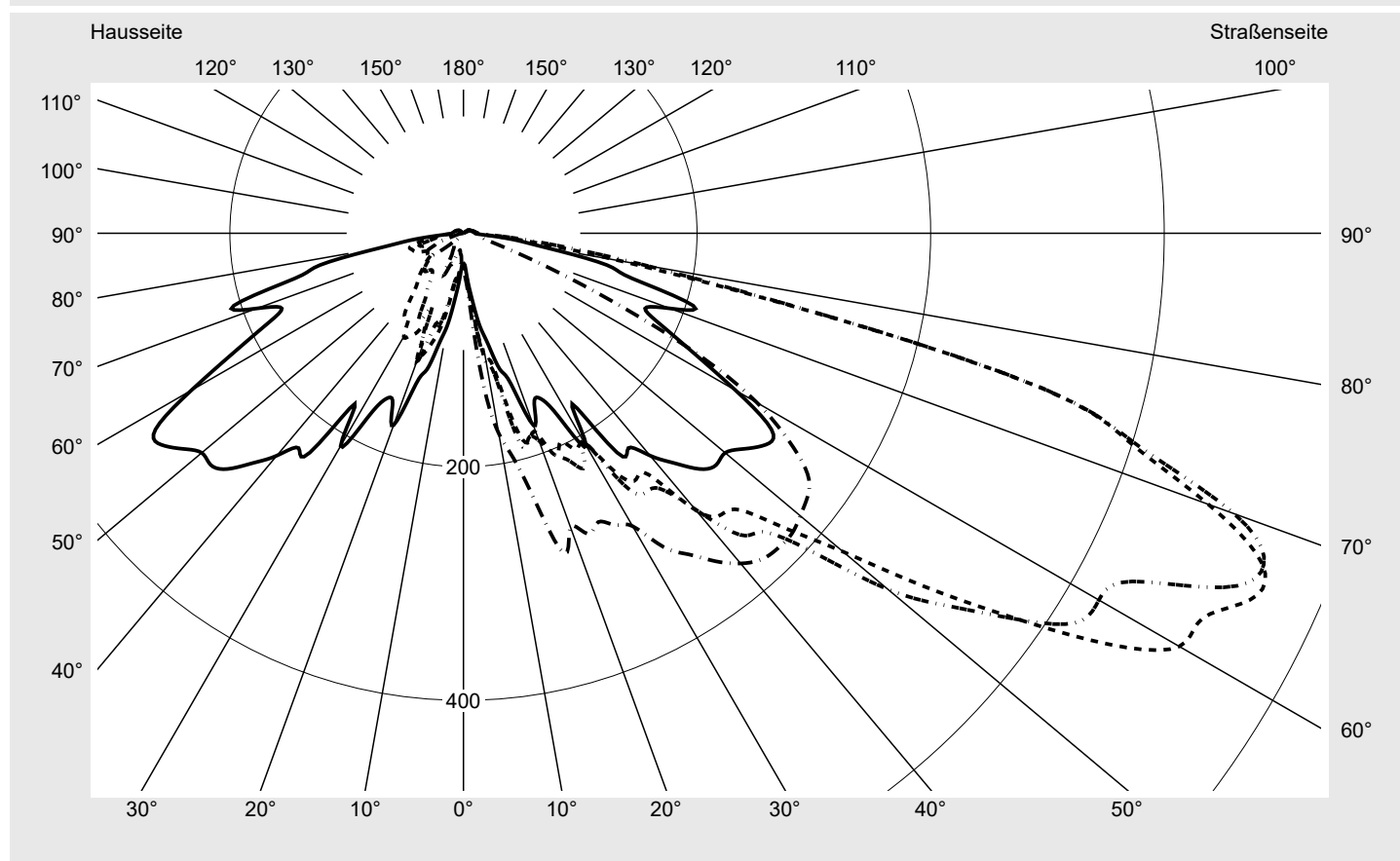
C180-0

C205-25

C210-30

C270-90

Imax: 743 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	97.4%
Eta 90° - 180°	2.6%

Lichtstärkeklasse nach EN13201-2

Klasse:	G1
Imax 70°	702.2
Imax 80°	158.2
Imax 90°	12.5
Imax >90°	11.5
Imax >95°	9.9

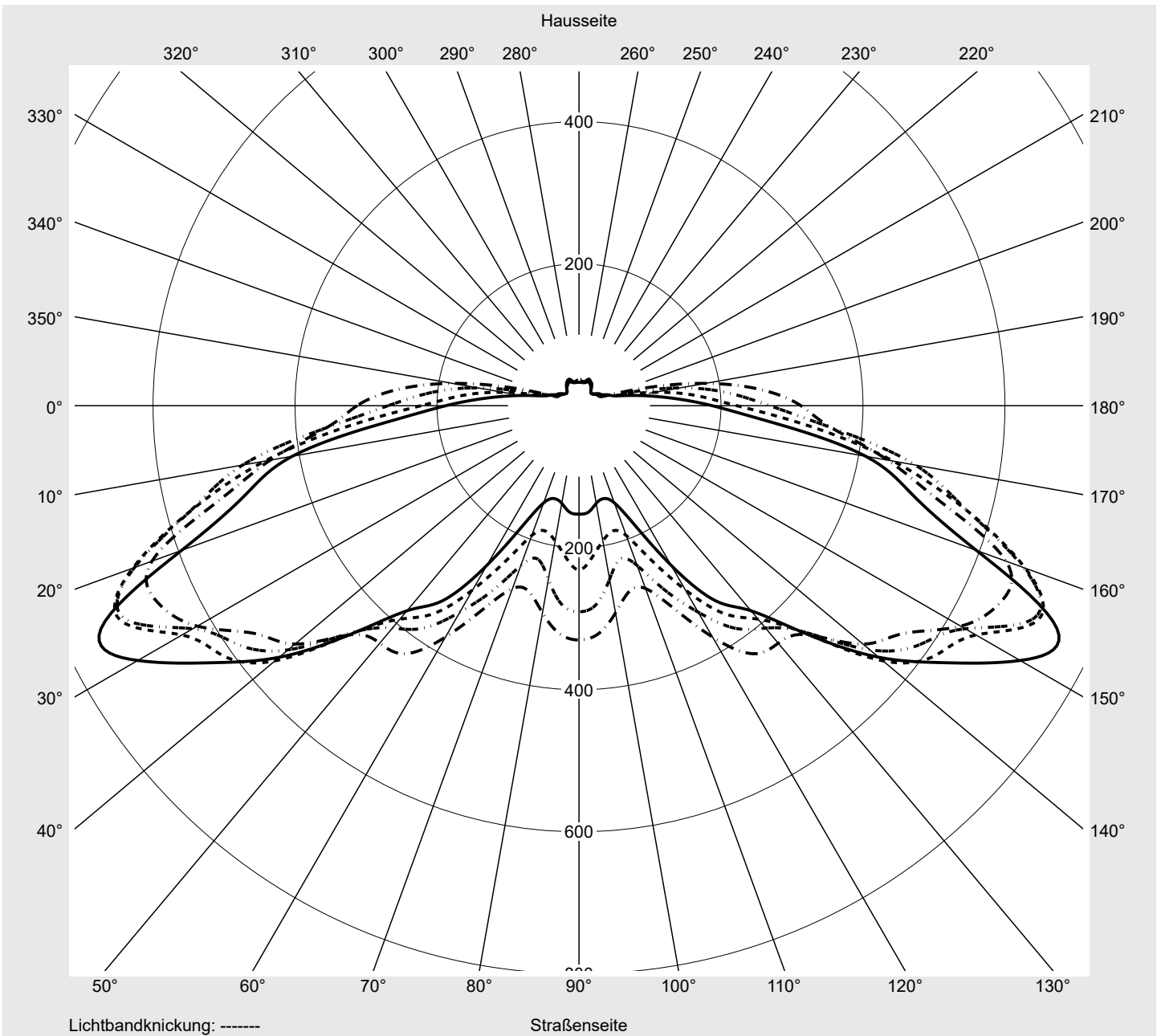
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **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°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
2,5°	27.2	26.7	27.7	29.0	29.8	30.8	31.6	32.2	33.2	33.5	34.2	35.0	35.3
5,0°	40.5	43.4	44.2	43.9	45.0	45.2	46.8	47.8	49.9	52.0	54.1	58.0	59.9
7,5°	57.8	62.7	57.3	64.6	75.3	77.9	79.5	82.9	88.1	92.5	95.9	98.0	100.7
10,0°	80.8	85.0	89.1	100.1	106.9	109.8	113.5	114.2	114.5	118.2	127.3	138.6	149.0
12,5°	97.3	104.6	116.9	128.1	122.3	116.1	125.0	140.6	147.2	157.6	164.4	166.0	173.8
15,0°	120.8	118.7	131.5	153.7	153.2	171.0	184.8	202.1	197.9	203.1	196.9	194.0	198.7
17,5°	135.4	148.2	159.7	178.0	193.5	186.9	184.6	182.7	194.0	199.7	208.1	210.4	211.5
20,0°	174.9	188.8	189.5	200.3	201.8	181.7	189.0	191.9	198.4	201.3	208.6	221.7	224.0
22,5°	158.4	175.7	183.3	199.5	208.6	206.0	205.7	204.4	197.9	196.3	204.7	217.8	232.9
25,0°	156.3	169.7	182.7	192.9	187.4	196.9	215.2	213.1	216.2	198.9	205.0	222.2	245.7
27,5°	178.3	177.8	189.8	191.4	199.7	208.6	224.8	235.5	254.4	236.3	233.7	240.3	259.9
30,0°	210.2	203.7	217.5	215.7	214.1	207.1	206.5	214.9	249.9	269.3	258.0	257.2	277.1
32,5°	173.3	192.7	203.7	211.5	221.4	243.4	255.2	261.4	290.7	298.6	313.7	305.9	310.1
35,0°	229.3	231.9	238.9	242.1	242.3	257.5	271.4	279.7	287.8	303.3	332.0	344.0	334.6
37,5°	231.9	243.7	260.1	262.5	258.0	260.6	275.5	312.7	331.2	329.4	343.3	375.7	373.1
40,0°	248.6	251.2	267.4	276.6	298.0	309.8	308.5	326.3	355.5	374.6	368.4	386.7	394.8
42,5°	266.9	259.9	276.1	288.1	302.2	326.8	350.3	366.5	363.1	394.0	406.5	395.5	411.0
45,0°	285.5	275.3	304.3	326.8	333.3	335.2	361.8	393.4	406.5	405.2	425.9	418.5	419.3
47,5°	293.6	292.3	349.3	388.0	394.0	374.1	401.8	423.8	439.5	431.1	433.4	438.4	429.5
50,0°	292.5	306.7	395.0	423.3	463.0	424.3	474.5	486.3	445.2	431.4	444.9	441.3	425.3
52,5°	303.3	315.3	394.2	425.3	504.8	496.5	524.7	533.6	471.4	434.2	449.1	455.1	425.9
55,0°	315.8	327.6	390.6	465.1	554.5	573.6	575.7	560.2	503.5	450.2	455.7	449.1	406.0
57,5°	312.7	357.1	441.8	529.9	640.2	655.1	620.9	558.9	522.3	456.2	436.6	426.4	376.2
60,0°	269.0	357.4	481.3	564.4	666.4	707.7	628.2	586.4	534.9	451.5	408.9	382.5	335.7
62,5°	222.5	324.7	449.7	563.4	669.0	713.7	645.7	613.0	558.9	454.9	392.4	357.6	299.3
65,0°	187.7	274.5	410.2	487.0	595.8	743.0	717.6	631.1	551.1	455.4	377.0	335.4	259.6
67,5°	168.4	260.1	394.2	429.0	540.4	740.4	741.7	607.0	536.7	428.0	351.6	301.2	214.1
70,0°	188.2	289.7	398.7	441.0	511.4	678.7	702.2	573.6	482.1	392.4	325.0	270.6	176.2
72,5°	206.3	326.8	402.9	429.5	490.7	599.7	606.3	499.1	388.0	322.1	265.9	223.8	146.7
75,0°	149.5	284.2	363.1	389.0	448.1	512.9	514.2	380.6	270.8	219.3	209.4	188.0	129.1
77,5°	125.7	200.5	232.4	270.6	290.7	289.4	294.4	213.6	169.9	149.3	155.3	149.5	102.2
80,0°	74.0	89.9	102.5	136.2	146.7	137.2	158.2	141.2	117.4	90.7	71.6	74.5	48.9
82,5°	46.0	49.1	51.2	71.1	76.9	63.3	81.8	94.9	81.0	56.5	34.0	24.6	17.8
85,0°	21.2	23.0	22.5	24.3	22.2	25.9	38.7	43.4	35.3	23.0	16.2	14.9	14.1
87,5°	11.2	11.5	12.0	12.5	13.1	13.3	13.6	13.6	13.6	13.1	12.8	12.5	12.3
90,0°	9.9	10.5	11.0	11.5	11.8	12.3	12.3	12.5	12.3	11.8	11.8	11.8	11.8
92,5°	9.4	9.7	10.2	10.5	11.0	11.2	11.2	11.5	11.2	11.2	11.2	11.2	11.2
95,0°	8.9	8.9	9.4	9.9	10.2	10.2	10.5	10.5	10.5	10.2	10.2	10.2	10.2
97,5°	8.4	8.6	8.9	9.2	9.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
100,0°	7.8	8.4	8.4	8.6	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
102,5°	7.6	7.8	8.1	8.1	8.1	8.4	8.4	8.6	8.6	8.6	8.6	8.6	8.4
105,0°	7.1	7.6	7.6	7.6	7.6	7.8	7.8	8.1	8.1	8.1	8.1	8.1	8.1
107,5°	7.1	7.1	7.1	7.1	7.3	7.3	7.3	7.6	7.6	7.6	7.6	7.6	7.3
110,0°	6.5	6.5	6.5	6.8	6.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.3
112,5°	6.3	6.3	6.3	6.5	6.5	6.5	6.5	6.8	6.8	6.8	6.8	6.8	6.8

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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°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
2,5°	36.1	36.6	37.6	38.2	38.4	38.7	25.1	25.1	24.8	25.1	26.4	27.7	29.0
5,0°	59.6	61.7	62.2	63.0	62.5	61.2	37.9	36.6	35.3	29.8	29.3	27.7	28.2
7,5°	106.7	111.4	111.6	120.0	124.4	130.7	51.2	51.8	51.8	45.0	42.6	40.5	34.8
10,0°	154.8	156.9	161.8	162.3	174.6	174.1	75.0	70.1	56.7	53.6	45.2	40.8	42.4
12,5°	178.8	180.9	187.2	189.5	194.0	197.1	101.2	98.3	95.7	85.2	72.7	63.5	52.8
15,0°	203.7	216.7	224.3	240.5	241.8	237.9	106.7	83.9	88.1	90.5	92.0	82.1	73.5
17,5°	220.6	241.8	258.8	269.0	284.4	287.6	135.7	128.1	110.8	99.1	104.8	85.0	94.4
20,0°	225.9	237.1	253.8	264.0	267.7	267.7	151.9	143.3	139.6	111.6	108.8	116.9	89.1
22,5°	240.8	250.4	258.0	270.6	274.2	278.7	145.1	137.2	131.2	116.9	86.3	72.7	60.7
25,0°	256.7	260.9	270.8	272.7	275.3	272.9	142.7	125.0	115.3	121.3	93.3	76.9	53.9
27,5°	270.3	275.5	278.7	280.8	282.9	281.8	155.5	131.0	119.5	114.8	98.6	82.9	56.7
30,0°	300.6	305.1	300.6	294.6	291.2	289.7	175.7	153.5	125.0	111.1	102.2	66.1	47.8
32,5°	325.0	327.6	311.1	312.7	316.1	318.4	157.4	140.1	134.4	104.0	87.6	58.3	37.6
35,0°	346.1	349.3	336.7	329.9	333.8	335.7	201.0	161.3	131.2	112.2	87.6	49.1	34.0
37,5°	363.6	367.0	349.8	343.5	349.8	354.0	213.8	171.8	145.6	124.7	79.2	43.9	37.6
40,0°	380.9	376.7	353.2	351.9	362.1	369.1	226.1	176.5	152.4	117.9	66.7	41.6	37.6
42,5°	394.0	369.9	353.5	359.5	371.0	378.5	239.2	182.2	155.3	113.5	58.8	42.9	39.7
45,0°	408.9	370.2	359.2	367.6	378.0	381.2	262.7	199.5	156.1	103.0	54.4	46.3	42.6
47,5°	412.0	368.6	360.5	369.9	380.9	381.2	268.2	199.5	154.5	88.1	49.4	45.5	41.3
50,0°	402.3	360.2	351.6	363.1	375.7	376.5	272.1	205.5	149.5	70.1	44.4	41.8	36.9
52,5°	379.3	341.9	339.1	351.1	367.3	371.2	270.8	205.5	141.7	56.2	40.0	37.4	33.5
55,0°	347.2	315.8	312.7	327.3	351.9	359.7	268.0	202.3	126.3	45.2	35.6	32.7	29.8
57,5°	314.2	274.0	271.4	296.2	321.8	329.9	258.0	181.2	97.0	41.6	32.2	30.3	27.7
60,0°	286.8	239.5	223.8	248.1	280.8	290.2	209.9	144.6	72.4	43.1	31.6	30.6	28.0
62,5°	238.9	194.5	182.7	193.5	214.1	231.1	165.2	108.5	57.3	43.1	32.9	30.3	27.5
65,0°	185.1	145.6	135.4	139.6	150.6	152.7	127.6	82.9	53.6	44.4	36.6	33.5	29.5
67,5°	149.0	100.7	85.7	85.5	88.9	89.4	116.3	76.6	64.6	52.8	41.8	35.6	31.6
70,0°	120.3	77.9	52.8	46.3	46.0	47.6	125.0	82.9	73.5	55.4	45.0	37.6	35.3
72,5°	95.2	59.9	33.5	26.1	25.1	26.1	118.4	81.6	70.6	50.7	46.3	37.4	35.8
75,0°	70.8	39.7	24.8	19.9	18.8	18.8	73.7	66.9	57.8	46.8	47.6	39.0	32.2
77,5°	46.5	23.0	19.1	17.0	17.0	17.3	65.6	53.3	49.4	45.5	42.6	31.1	21.4
80,0°	24.8	16.2	15.4	15.4	15.7	15.7	51.2	48.9	46.8	42.6	33.7	24.6	18.0
82,5°	14.9	14.1	14.1	14.4	14.6	14.6	37.4	38.2	39.2	30.3	23.5	19.3	15.7
85,0°	13.3	13.3	13.3	13.9	13.9	14.1	19.9	23.0	24.3	24.1	20.7	17.3	13.3
87,5°	12.3	12.5	12.8	12.8	12.8	13.1	11.2	9.9	9.4	8.9	8.6	7.8	7.1
90,0°	11.8	11.8	11.8	12.0	12.0	12.0	9.4	9.2	8.6	8.1	7.6	7.1	6.5
92,5°	11.0	11.2	11.2	11.5	11.5	11.5	8.9	8.6	8.1	7.8	7.1	6.8	6.0
95,0°	10.2	10.2	10.7	10.5	10.7	10.5	8.4	8.1	7.8	7.3	7.1	6.5	6.0
97,5°	9.7	9.7	9.7	9.9	9.9	9.9	8.1	7.8	7.3	7.1	6.8	6.5	6.0
100,0°	9.2	9.2	9.2	8.9	8.9	8.9	7.6	7.6	7.1	7.1	6.5	6.0	6.0
102,5°	8.4	8.6	8.4	8.4	8.4	8.4	7.3	7.1	6.8	6.5	6.3	6.0	5.8
105,0°	8.1	7.8	7.8	7.8	7.8	7.8	7.1	7.1	6.5	6.3	6.0	5.8	5.5
107,5°	7.6	7.3	7.3	7.3	7.3	6.8	6.5	6.5	6.0	6.0	5.8	5.5	5.2
110,0°	7.3	7.3	7.3	7.3	7.3	6.3	6.3	6.0	6.0	5.8	5.5	5.2	5.0
112,5°	6.8	6.8	6.8	6.8	6.8	5.8	6.0	6.0	5.5	5.2	5.2	5.0	4.7

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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°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	0.0	0.0
2,5°	27.7	28.0	28.5	29.0	29.0	27.7	27.2	27.7	28.8	29.3	29.3	0.4	0.4
5,0°	30.3	32.4	32.7	32.7	30.6	27.5	25.4	23.3	21.7	20.9	20.4	1.0	1.4
7,5°	33.7	35.3	39.7	44.7	41.0	37.1	30.3	24.3	20.7	19.1	18.3	2.3	3.7
10,0°	41.0	44.4	47.6	53.6	47.6	37.4	27.5	21.4	17.5	15.9	15.7	4.1	7.8
12,5°	49.9	46.0	49.9	49.9	44.2	32.2	23.3	21.4	18.6	15.4	15.2	6.1	13.9
15,0°	62.7	54.1	51.0	57.0	55.9	43.9	32.4	25.6	19.3	19.3	17.8	8.9	22.8
17,5°	76.9	67.4	48.6	35.3	29.5	24.1	28.0	29.5	26.1	22.7	18.3	11.4	34.2
20,0°	62.0	50.7	46.8	36.9	36.6	34.5	27.5	21.2	19.6	24.8	27.7	13.5	47.7
22,5°	44.4	35.3	33.7	31.6	30.3	31.9	29.8	28.8	27.5	28.2	29.3	14.9	62.6
25,0°	35.0	26.1	25.1	22.5	22.7	23.8	26.9	27.7	32.9	36.9	39.2	16.4	79.0
27,5°	38.4	27.2	23.0	20.9	19.3	20.4	25.1	24.8	24.8	25.4	24.6	18.9	97.9
30,0°	31.9	26.9	22.5	20.7	18.8	18.6	19.9	19.6	16.7	18.6	18.8	21.5	119.4
32,5°	30.6	27.2	23.0	20.7	18.3	17.3	17.3	17.3	14.6	15.7	15.7	24.4	143.8
35,0°	29.5	26.9	23.0	20.9	18.3	16.7	15.9	15.4	13.3	14.1	14.1	28.1	171.9
37,5°	31.4	26.4	22.0	20.9	18.0	16.7	15.4	14.6	12.8	13.1	13.6	31.6	203.6
40,0°	34.5	27.7	23.3	19.6	17.0	15.9	14.4	13.9	12.3	12.0	12.0	35.2	238.8
42,5°	35.0	28.8	24.3	20.7	17.5	15.4	13.6	12.5	11.5	10.7	10.5	38.4	277.2
45,0°	36.1	28.8	23.8	20.4	17.8	15.7	13.6	11.8	10.2	8.6	8.4	42.1	319.3
47,5°	34.8	28.2	25.1	23.0	22.2	19.9	17.0	13.9	11.0	7.8	6.8	46.2	365.5
50,0°	31.9	26.9	25.6	27.5	27.7	26.7	24.6	21.7	17.8	14.9	14.1	50.0	415.5
52,5°	29.0	26.1	26.7	30.1	33.2	33.7	32.7	30.1	28.0	25.6	25.1	53.1	468.6
55,0°	27.5	25.4	26.9	31.1	35.8	37.9	37.9	34.0	32.9	34.0	35.0	55.8	524.3
57,5°	25.6	24.8	26.1	30.3	35.8	38.2	39.7	35.6	33.7	36.9	36.1	57.7	582.1
60,0°	25.6	24.3	25.9	30.1	35.3	38.7	39.0	35.3	33.7	35.8	35.6	57.4	639.5
62,5°	25.4	24.1	26.4	30.3	34.8	37.6	38.4	35.8	34.5	35.0	34.5	55.4	694.9
65,0°	26.1	24.8	25.9	29.8	32.7	35.0	35.6	33.7	32.9	32.9	32.9	52.4	747.3
67,5°	29.0	28.0	27.7	29.8	31.6	31.9	31.4	29.3	27.5	26.9	26.7	49.2	796.5
70,0°	33.2	29.8	27.7	26.1	25.1	25.4	24.1	23.5	22.5	23.0	23.5	46.7	843.2
72,5°	31.9	21.2	16.5	18.8	19.9	19.3	17.5	16.5	14.9	13.9	12.5	42.1	885.3
75,0°	19.9	13.1	13.3	15.7	15.7	14.4	13.6	12.0	10.5	8.1	7.8	34.9	920.2
77,5°	13.9	11.5	11.2	11.8	11.2	10.2	9.7	8.9	7.1	6.0	5.2	23.7	943.9
80,0°	13.3	10.5	9.2	8.4	7.6	7.1	7.1	6.0	5.2	4.4	4.2	13.7	957.6
82,5°	12.8	9.7	7.8	6.5	6.0	5.5	5.2	4.7	4.2	3.7	3.7	8.3	965.9
85,0°	10.7	8.4	6.5	5.8	5.2	4.7	4.2	3.7	3.7	3.1	3.1	4.5	970.5
87,5°	6.5	6.0	5.5	5.2	4.7	4.2	3.7	3.7	3.1	3.1	3.1	2.6	973.1
90,0°	6.0	5.5	5.2	4.7	4.2	3.7	3.7	3.1	3.1	3.1	3.1	2.4	975.5
92,5°	5.8	5.2	4.7	4.4	3.9	3.7	3.4	3.1	3.1	2.6	2.6	2.3	977.8
95,0°	5.5	5.2	4.7	4.4	3.9	3.7	3.1	3.1	2.6	2.6	2.6	2.1	979.9
97,5°	5.5	5.0	4.7	4.2	3.9	3.7	3.1	3.1	2.6	2.6	2.6	2.0	981.9
100,0°	5.5	5.0	4.7	4.2	3.7	3.7	3.1	3.1	2.6	2.6	2.6	1.9	983.8
102,5°	5.5	5.0	4.7	4.2	3.7	3.7	3.1	3.1	2.6	2.6	2.6	1.8	985.6
105,0°	5.2	5.0	4.4	4.2	3.7	3.7	3.1	3.1	2.6	2.6	2.6	1.7	987.2
107,5°	5.0	4.7	4.4	3.9	3.7	3.4	3.1	3.1	2.6	2.6	2.6	1.6	988.8
110,0°	4.7	4.4	4.2	3.9	3.7	3.7	3.1	3.1	2.6	2.6	2.6	1.5	990.3
112,5°	4.7	4.2	4.2	3.7	3.7	3.1	3.1	3.1	2.6	2.6	2.1	1.4	991.7

Lichttechnischer Prüfbefund

Familie PILZLEUCHTE LED	Bestell-Nr.: 5XA5235MF14H + 5XA54000XBL EAN: 4058352833247 + 4050737971421	LP-Nummer 59055_23
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°	6.0	6.0	6.3	6.3	6.3	6.3	6.3	6.3	6.5	6.5	6.5	6.8	6.8
117,5°	5.5	5.8	5.8	5.8	5.8	6.0	6.0	6.0	6.3	6.3	6.3	6.3	6.3
120,0°	5.2	5.2	5.2	5.5	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.0	6.3
122,5°	4.7	5.0	5.2	5.2	5.2	5.2	5.2	5.5	5.5	5.8	5.8	5.8	5.8
125,0°	4.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	5.2	5.2	5.2	5.2
127,5°	3.7	3.7	3.7	3.7	3.9	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
130,0°	3.1	2.9	3.1	2.9	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
132,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	2.1	2.1	2.1	1.8	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
137,5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
140,0°	1.6	1.6	1.3	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142,5°	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
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.5	0.5	0.5
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.: 5XA5235MF14H + 5XA54000XBL EAN: 4058352833247 + 4050737971421	LP-Nummer 59055_23
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°	6.8	6.8	6.8	6.8	5.8	3.1	5.8	5.8	5.2	5.2	5.0	4.7	4.7
117,5°	6.3	6.3	6.3	6.3	5.2	2.6	5.2	5.2	5.0	4.7	4.7	4.4	4.2
120,0°	6.3	6.3	6.3	6.3	4.7	2.1	5.2	5.0	4.7	4.7	4.7	4.2	4.2
122,5°	5.8	5.8	5.8	5.8	3.7	1.6	4.7	4.7	4.7	4.2	4.2	4.2	3.7
125,0°	5.2	5.2	5.2	5.2	3.4	1.6	4.2	4.2	4.2	3.7	3.7	3.7	3.7
127,5°	4.2	4.2	4.2	4.2	2.6	1.6	3.7	3.7	3.7	3.4	3.1	3.1	3.1
130,0°	3.1	3.1	3.1	3.1	2.1	1.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
132,5°	2.1	2.1	2.1	2.1	1.6	1.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	1.6	1.6	1.6	1.6	1.0	1.0	1.8	2.1	2.1	1.8	2.1	1.6	2.1
137,5°	1.6	1.6	1.6	1.0	1.0	0.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
140,0°	1.0	1.0	1.0	1.0	0.5	0.5	1.3	1.6	1.6	1.6	1.6	1.6	1.6
142,5°	1.0	1.0	1.0	1.0	0.5	0.5	1.0	1.0	1.0	1.0	1.3	1.0	1.0
145,0°	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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	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.: 5XA5235MF14H + 5XA54000XBL EAN: 4058352833247 + 4050737971421	LP-Nummer 59055_23
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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°	4.2	4.2	4.2	3.7	3.7	3.1	3.1	3.1	2.6	2.4	2.1	1.3	993.0
117,5°	4.2	3.9	3.7	3.7	3.7	3.1	3.1	2.9	2.6	2.1	1.6	1.2	994.2
120,0°	3.9	3.7	3.7	3.7	3.1	3.1	3.1	2.6	2.6	2.1	1.6	1.1	995.3
122,5°	3.7	3.7	3.4	3.1	3.1	3.1	2.6	2.6	2.6	2.1	1.6	1.0	996.3
125,0°	3.4	3.1	3.1	3.1	2.6	2.6	2.6	2.6	2.1	2.1	1.6	0.9	997.2
127,5°	3.1	2.6	2.6	2.6	2.6	2.4	2.1	2.1	2.1	1.6	1.6	0.7	997.9
130,0°	2.6	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.6	1.6	1.6	0.6	998.5
132,5°	2.1	2.1	2.1	2.1	1.8	1.6	1.6	1.6	1.6	1.6	1.6	0.4	998.9
135,0°	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	0.3	999.2
137,5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0	1.0	0.3	999.5
140,0°	1.6	1.6	1.6	1.6	1.3	1.3	1.0	1.0	1.0	1.0	1.0	0.2	999.7
142,5°	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.9
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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 PILZLEUCHTE LED	Bestell-Nr.: 5XA5235MF14H + 5XA54000XBL EAN: 4058352833247 + 4050737971421	LP-Nummer 59055_23
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	1540	11.8	12.1	12.0
95	241	252	1461	11.1	11.4	11.2
90	229	250	1388	10.6	10.8	10.7
85	216	248	1310	9.9	10.2	10.0
80	203	246	1231	9.3	9.6	9.4
75	190	243	1152	8.7	9.0	8.8
70	178	241	1079	8.2	8.4	8.3
65	165	238	1000	7.6	7.7	7.6
60	152	235	922	7.0	7.2	7.1
55	140	232	849	6.5	6.6	6.6
50	127	229	770	6.0	6.1	6.0
45	114	225	691	5.4	5.6	5.5
40	102	221	618	5.0	5.1	5.0
35	89	216	540	4.5	4.6	4.6
30	76	210	461	4.0	4.0	4.0
26	65	204	394	3.6	3.7	3.6