

## Photometric test report

**Family**  
**MUSHROOM LUMINAIRE LED**



**Order number: 5XA5235AF14H + 5XA54000XBL**  
**EAN: 4058352831878 + 4050737971421**

**LP number**  
**59055\_19**

**serial**  
**documentation**  
**07.07.2022**

**Version** post-top- or mounting to wall arm, shielding on building side  
**Optic** asymmetric, wide distribution (ST1.2a)  
**Cover** cover transparent, PMMA  
**Lamps** LED 2200 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 1540 lm  
Power consumption = 12.9 W  
Luminous efficacy = 119.4 lm/W

**siteco**

**Luminous intensity in cd/klm**

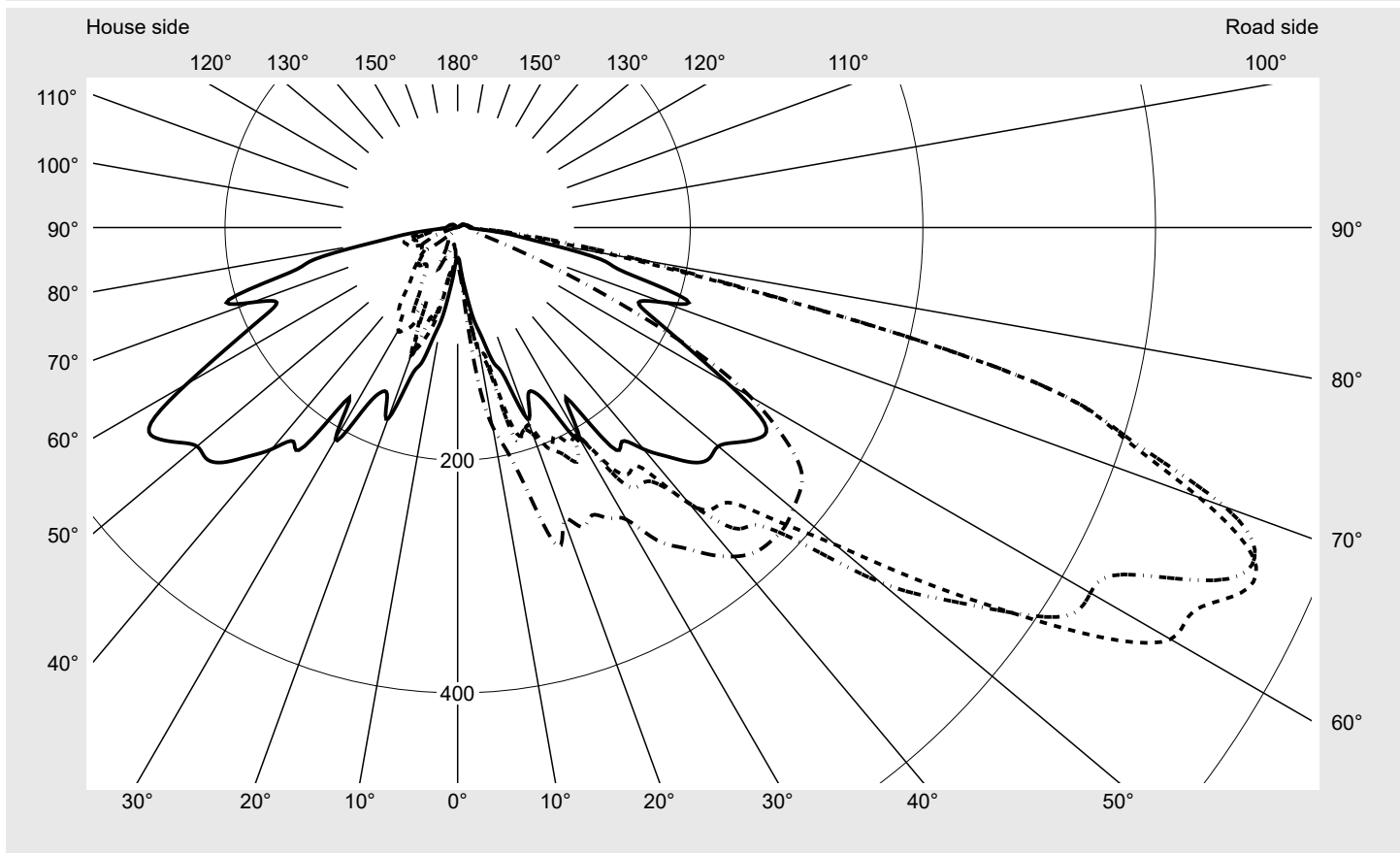
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 743 cd/klm**



### Luminaire output ratios

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

### Luminous intensity class acc. to EN13201-2

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

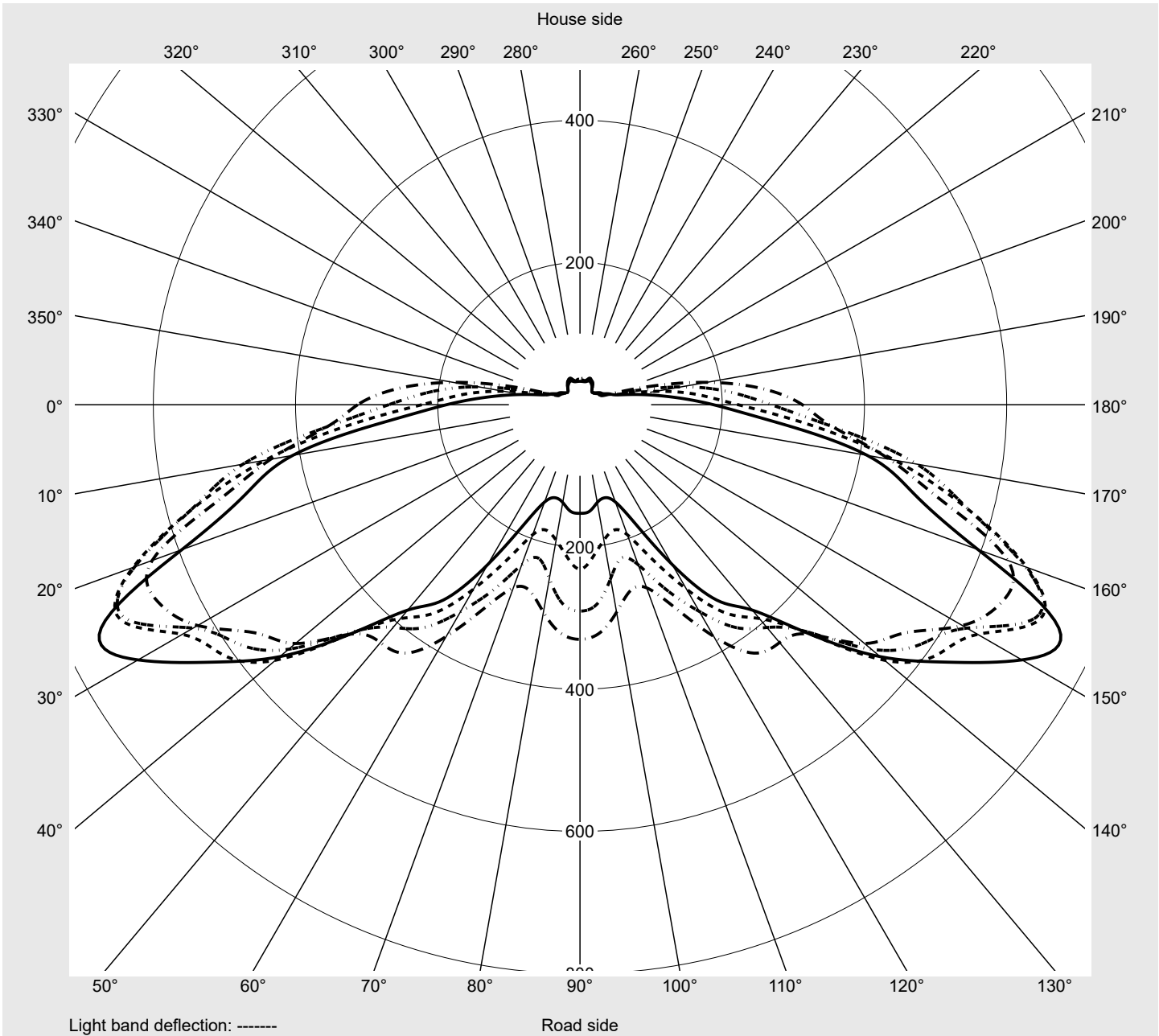
### Measurement conditions

DIN EN 13032 and DIN 5032

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**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**



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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	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°
$\gamma$	Luminous intensity 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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	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°
$\gamma$	Luminous intensity 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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux 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

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235AF14H + 5XA54000XBL</b> <b>EAN: 4058352831878 + 4050737971421</b>	<b>LP number</b> <b>59055_19</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	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°
$\gamma$	Luminous intensity 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

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235AF14H + 5XA54000XBL</b> <b>EAN: 4058352831878 + 4050737971421</b>	<b>LP number</b> <b>59055_19</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	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°
$\gamma$	Luminous intensity 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

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235AF14H + 5XA54000XBL</b> <b>EAN: 4058352831878 + 4050737971421</b>	<b>LP number</b> <b>59055_19</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm											Luminous flux 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



## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235AF14H + 5XA54000XBL</b> <b>EAN: 4058352831878 + 4050737971421</b>	<b>LP number</b> <b>59055_19</b>
<b>Dimming levels table</b>		<b>environmental temperature: 25°C</b>
<b>siteco</b>		

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	1540	12.9	13.3	13.1
95	241	252	1461	12.2	12.6	12.4
90	229	250	1388	11.5	11.9	11.7
85	216	248	1310	10.7	11.1	10.9
80	203	246	1231	10.1	10.5	10.3
75	190	243	1152	9.4	9.8	9.6
70	178	241	1079	8.9	9.1	9.0
65	165	238	1000	8.2	8.4	8.3
60	152	235	922	7.6	7.8	7.7
55	140	232	849	7.0	7.2	7.1
50	127	229	770	6.4	6.6	6.5
45	114	225	691	5.8	6.0	5.9
40	102	221	618	5.3	5.4	5.4
35	89	216	540	4.8	4.9	4.8
30	76	210	461	4.3	4.3	4.3
25	63	203	382	3.7	3.8	3.8
24	60	201	364	3.5	3.7	3.6