

## Photometric test report

Family  
**MUSHROOM LUMINAIRE LED**

Order number: **5XA5235LF14H + 5XA54000XS**  
EAN: **4058352833209 + 4050737730073**

LP number  
**59265\_22**



**Version** post-top- or mounting to wall arm, spreader element, structured  
**Optic** asymmetric, extremely wide distribution (P1.0a)  
**Cover** cover transparent, PMMA  
**Lamps** LED 4000 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 1450 lm  
Power consumption = 10.0 W  
Luminous efficacy = 145 lm/W

serial  
documentation  
**07.07.2022**

siteco

Luminous intensity in cd/klm

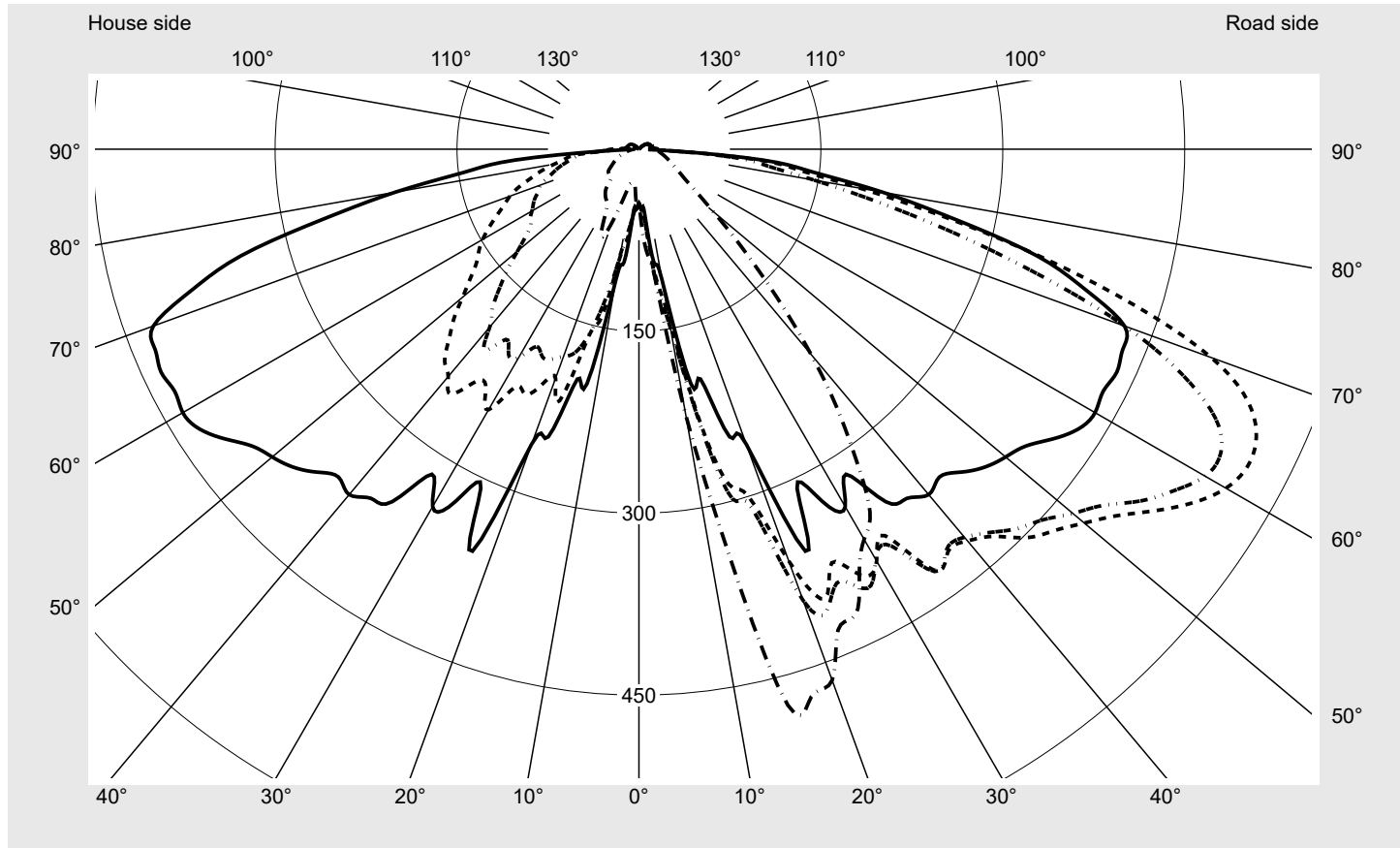
**C180-0**

**C195-15**

**C200-20**

**C270-90**

**Imax: 566 cd/klm**



### Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	96.3%
Eta 90° - 180°	3.7%

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

Class:	---
Imax 70°	544.6
Imax 80°	222.8
Imax 90°	23.4
Imax >90°	14.5
Imax >95°	12.4

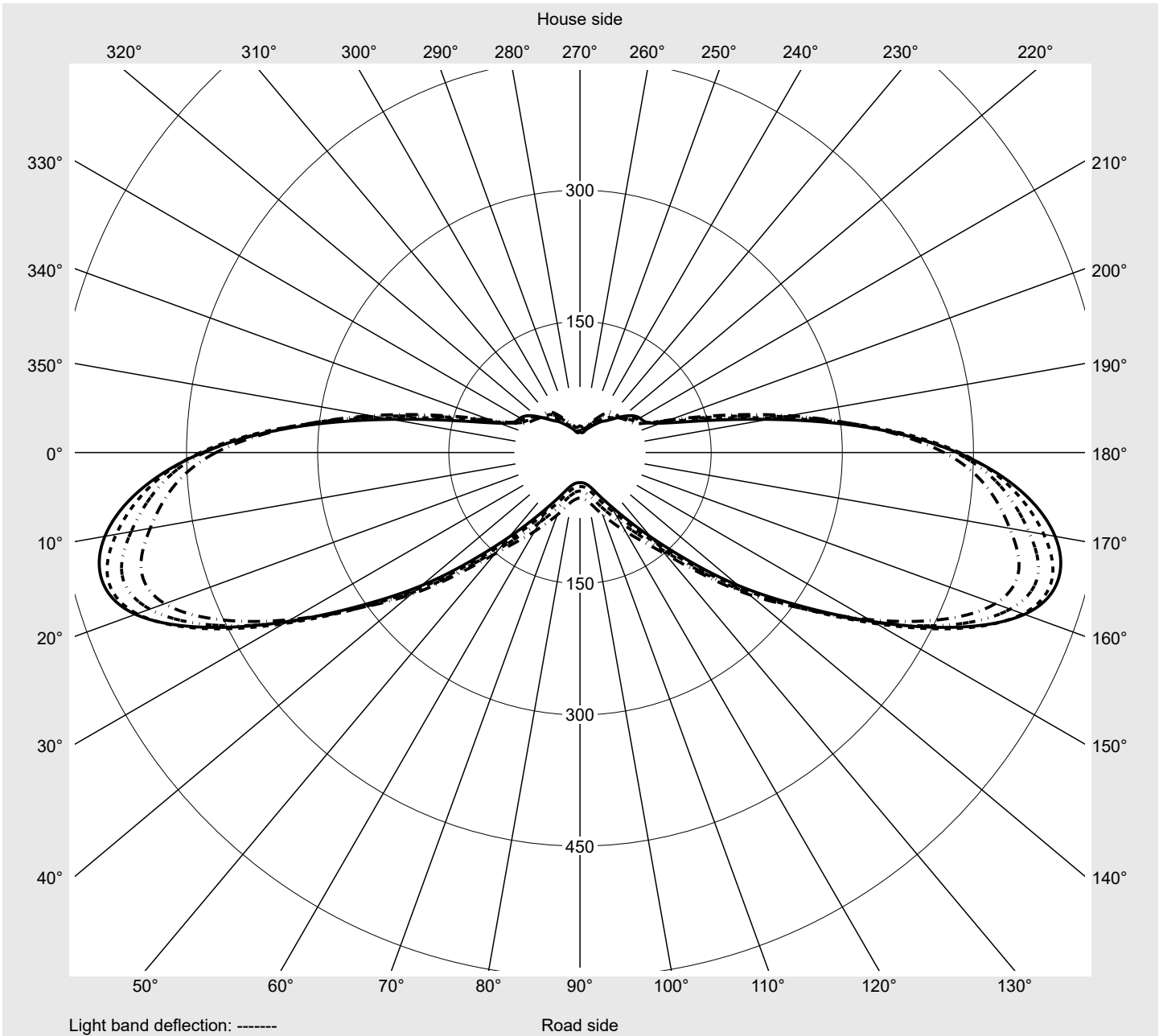
### Measurement conditions

DIN EN 13032 and DIN 5032

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**Envelope curve in cd/klm**      **KMK 62.5°**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**



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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°	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
2,5°	49.7	48.7	49.6	50.6	51.7	52.5	53.4	54.4	55.1	56.3	57.9	59.3	60.9
5,0°	52.8	54.4	56.8	59.7	63.1	66.3	69.9	73.6	77.5	79.2	78.7	78.8	79.7
7,5°	94.0	97.2	100.9	106.4	112.9	120.0	120.7	120.6	122.1	124.3	126.6	129.5	128.3
10,0°	109.0	116.6	130.9	139.7	149.7	166.6	178.6	185.6	192.9	201.2	198.5	198.5	202.6
12,5°	198.1	214.1	218.8	226.0	231.4	249.1	265.3	273.9	289.0	294.9	303.7	307.7	322.9
15,0°	196.2	230.9	267.6	285.8	298.5	320.4	325.8	325.8	349.0	374.8	382.5	391.4	398.5
17,5°	248.5	275.2	280.3	299.9	310.5	348.3	370.7	384.4	418.2	438.6	457.4	471.6	463.9
20,0°	258.8	293.2	328.3	361.3	395.9	415.9	430.9	446.3	446.4	447.6	465.4	461.0	474.9
22,5°	358.6	366.3	385.5	401.0	408.4	407.7	421.4	428.4	441.7	447.8	458.5	449.7	451.5
25,0°	308.5	336.7	359.7	376.2	392.6	398.5	401.1	404.9	414.8	405.4	424.1	421.8	424.9
27,5°	327.2	352.7	382.5	395.7	408.1	409.2	413.9	416.6	412.7	409.1	409.5	405.3	400.7
30,0°	340.2	370.3	385.2	392.0	390.5	391.2	389.9	388.7	386.5	382.5	379.0	372.7	368.0
32,5°	317.8	348.0	372.7	377.7	388.0	398.3	405.1	402.9	390.4	377.4	357.2	345.0	328.7
35,0°	354.7	390.7	416.5	423.4	424.9	421.1	408.0	389.7	368.3	353.4	329.1	310.2	298.8
37,5°	362.8	394.6	414.3	418.4	416.4	409.6	396.7	376.1	352.8	331.9	308.0	281.0	264.8
40,0°	371.7	397.0	417.7	421.5	417.6	411.3	392.4	368.7	339.4	311.8	282.1	251.9	232.3
42,5°	366.6	401.3	422.6	432.9	428.5	414.8	387.8	359.1	325.9	289.1	256.3	223.5	204.7
45,0°	376.4	419.6	442.0	452.8	442.0	419.2	383.1	343.0	303.5	264.6	229.9	198.6	179.8
47,5°	387.6	432.3	452.7	465.2	452.1	423.6	380.6	329.2	287.3	242.6	203.3	175.7	158.0
50,0°	394.7	435.3	463.9	479.4	467.2	429.8	377.2	319.7	276.1	222.1	180.9	155.3	137.3
52,5°	402.0	449.2	479.4	496.3	482.3	437.8	375.7	311.2	261.3	206.9	162.6	137.3	118.7
55,0°	416.4	468.1	499.1	519.5	505.4	452.6	381.9	311.1	252.9	195.5	151.3	123.6	104.3
57,5°	429.4	486.2	521.3	542.1	523.6	466.4	387.9	310.6	248.4	188.9	143.8	112.9	92.1
60,0°	434.3	498.1	538.7	558.9	539.1	476.1	391.4	311.0	243.0	182.4	135.2	102.7	80.5
62,5°	431.7	506.4	551.8	565.9	541.0	472.8	386.5	304.6	236.7	173.8	126.2	93.1	70.7
65,0°	434.8	518.1	562.8	561.7	524.5	452.5	365.9	289.3	225.7	164.7	117.0	83.8	61.8
67,5°	431.7	525.2	565.3	543.6	484.7	408.4	326.5	258.7	204.5	151.5	105.9	73.4	53.0
70,0°	426.1	513.1	544.6	502.3	426.7	347.7	273.4	217.2	176.9	135.8	94.6	64.3	45.8
72,5°	386.8	465.8	483.3	429.4	348.4	275.0	214.2	172.1	143.2	115.0	81.9	55.1	39.4
75,0°	339.9	396.0	401.1	343.8	272.5	213.3	165.7	132.8	112.0	93.2	68.8	47.0	34.0
77,5°	267.0	310.2	307.5	258.5	203.0	157.7	124.6	100.4	83.8	71.5	55.6	39.7	29.6
80,0°	203.9	222.8	218.4	185.4	146.8	114.6	92.1	75.0	62.2	54.1	44.2	33.6	26.1
82,5°	144.9	156.2	153.7	134.3	107.6	84.8	69.7	57.5	47.6	41.7	35.7	28.7	23.5
85,0°	102.3	107.4	106.9	96.5	79.5	63.6	53.2	44.8	37.5	33.1	29.4	25.1	21.3
87,5°	16.9	17.9	17.9	17.6	17.3	16.9	16.7	16.5	16.6	16.7	16.6	16.4	16.1
90,0°	13.8	13.8	13.9	14.0	14.1	14.2	14.3	14.4	14.7	15.0	15.2	15.2	15.0
92,5°	11.7	12.1	12.5	12.7	12.9	13.1	13.3	13.5	13.9	14.3	14.5	14.4	14.4
95,0°	11.0	11.4	11.7	11.9	12.1	12.3	12.4	12.6	12.8	12.8	12.8	12.8	12.8
97,5°	10.6	10.9	11.2	11.4	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.2
100,0°	10.2	10.6	10.8	11.0	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.8	11.9
102,5°	10.0	10.2	10.5	10.7	10.8	11.0	11.1	11.2	11.3	11.4	11.5	11.5	11.6
105,0°	9.6	10.0	10.2	10.4	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.3
107,5°	9.4	9.7	9.9	10.1	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.0
110,0°	9.2	9.4	9.7	9.9	10.0	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.8
112,5°	8.8	9.2	9.4	9.6	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6

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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°	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
2,5°	62.8	64.6	66.0	67.3	68.2	68.5	47.4	46.9	46.4	45.8	45.3	44.7	44.3
5,0°	80.6	82.4	84.0	86.9	87.0	88.6	52.1	52.0	52.6	54.9	58.0	58.1	55.5
7,5°	128.6	126.4	121.0	117.8	116.2	116.1	88.4	81.1	75.6	69.0	62.4	58.1	58.4
10,0°	206.1	214.0	216.6	213.6	219.0	222.8	100.8	94.2	88.2	91.2	88.9	74.7	68.1
12,5°	333.2	338.3	345.5	345.4	341.6	340.9	184.3	164.0	141.6	125.7	112.8	90.4	85.6
15,0°	416.3	439.8	458.8	470.7	476.5	474.5	179.3	164.3	159.1	157.3	145.7	129.9	118.8
17,5°	470.8	470.7	474.4	471.9	467.9	473.0	236.1	219.0	217.4	176.0	175.9	161.2	136.8
20,0°	473.2	480.0	488.2	475.6	467.9	465.8	250.6	215.4	201.0	181.8	159.2	136.8	115.6
22,5°	440.4	430.1	427.8	430.9	431.3	429.0	288.2	242.0	210.7	187.3	154.1	131.6	114.7
25,0°	422.7	418.2	416.5	423.0	423.0	423.1	286.2	264.6	222.7	188.6	154.4	120.8	99.4
27,5°	392.5	390.5	387.9	391.8	393.5	393.6	288.1	253.9	220.9	183.4	156.2	132.2	105.3
30,0°	361.4	361.8	361.5	365.7	369.7	371.3	317.4	287.4	247.9	198.6	153.6	126.6	101.2
32,5°	322.1	328.4	336.2	344.1	350.6	354.6	295.2	263.3	235.1	200.1	165.6	128.0	96.3
35,0°	291.8	293.9	298.9	303.7	308.8	312.0	320.3	280.4	233.4	191.5	151.6	118.4	93.4
37,5°	259.1	259.9	262.1	264.5	266.8	267.6	333.8	297.7	254.5	208.7	160.8	119.9	91.5
40,0°	225.7	225.1	223.0	222.2	221.1	220.7	336.8	296.3	244.6	191.3	144.8	108.4	87.5
42,5°	197.1	192.3	187.2	181.7	177.1	174.9	337.7	291.6	237.1	178.9	131.8	101.4	83.6
45,0°	168.9	161.1	152.4	143.6	137.3	135.1	339.2	285.9	221.5	163.0	118.5	92.2	80.3
47,5°	144.2	134.5	122.9	113.4	106.5	104.1	342.1	277.6	207.0	147.2	105.9	85.6	77.8
50,0°	122.2	110.5	98.2	88.4	82.2	79.7	339.3	268.7	189.8	130.6	94.2	77.9	72.9
52,5°	103.7	90.7	79.0	70.3	65.3	63.6	331.3	255.2	175.3	117.4	83.8	71.1	67.2
55,0°	88.4	75.8	65.0	57.4	53.5	51.9	332.0	242.8	163.6	108.8	78.8	68.4	64.6
57,5°	76.0	63.4	53.7	48.1	44.9	44.1	334.8	236.7	156.5	106.2	80.2	71.8	66.7
60,0°	65.5	53.8	45.8	41.3	39.3	38.9	335.3	226.9	148.8	101.8	82.0	75.8	70.2
62,5°	56.1	45.7	39.5	36.2	34.7	34.4	329.7	218.7	139.2	98.2	82.8	78.9	73.3
65,0°	48.9	39.8	34.9	32.5	31.5	31.4	321.6	204.9	129.3	94.3	83.2	80.6	74.7
67,5°	41.9	34.9	31.1	29.2	28.6	28.6	311.6	193.3	120.4	89.4	80.3	78.2	72.5
70,0°	36.2	30.8	27.9	26.6	26.2	26.2	298.1	181.1	113.2	86.5	79.9	78.4	72.1
72,5°	31.4	27.4	25.3	24.3	24.0	23.9	271.7	165.7	103.8	79.3	74.5	74.1	69.0
75,0°	27.6	24.6	23.0	22.3	22.1	22.0	239.0	145.6	92.1	72.8	69.9	70.6	65.7
77,5°	24.6	22.2	21.0	20.5	20.2	20.1	199.3	127.9	82.3	66.9	66.0	67.1	61.8
80,0°	22.0	20.2	19.2	18.8	18.5	18.4	155.0	105.4	70.8	60.2	61.3	62.0	56.3
82,5°	20.3	18.7	17.8	17.4	17.2	17.0	116.9	85.1	61.4	54.4	56.2	56.7	51.1
85,0°	19.0	17.5	16.7	16.3	16.0	15.9	85.3	65.8	51.0	46.7	48.3	47.9	42.1
87,5°	15.6	14.8	14.5	14.3	14.2	14.2	19.2	21.1	24.4	29.4	32.4	31.5	27.5
90,0°	14.8	14.2	13.8	13.6	13.5	13.5	14.6	16.4	19.1	22.5	23.4	21.9	18.5
92,5°	14.2	13.7	13.3	13.2	13.1	13.0	11.3	10.8	10.2	9.7	9.2	8.6	8.1
95,0°	12.7	12.7	12.7	12.7	12.7	12.7	10.6	10.1	9.5	9.0	8.5	8.0	7.5
97,5°	12.3	12.2	12.3	12.3	12.3	12.4	10.1	9.7	9.3	8.8	8.3	7.8	7.4
100,0°	11.9	12.0	12.0	12.1	12.1	12.1	9.8	9.4	9.0	8.5	8.1	7.6	7.2
102,5°	11.6	11.6	11.7	11.8	11.8	11.7	9.5	9.2	8.8	8.3	7.9	7.4	7.0
105,0°	11.4	11.5	11.5	11.5	11.5	11.5	9.3	8.9	8.5	8.1	7.7	7.3	6.9
107,5°	11.1	11.2	11.2	11.2	11.3	11.3	9.0	8.7	8.3	8.0	7.5	7.2	6.7
110,0°	10.9	10.9	11.0	11.0	11.1	11.1	8.8	8.5	8.1	7.8	7.4	7.0	6.7
112,5°	10.7	10.7	10.8	10.8	10.8	10.8	8.6	8.3	7.9	7.6	7.3	6.9	6.5

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		<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°	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	0.1	0.1
2,5°	44.0	43.7	43.4	43.1	43.1	43.2	43.8	44.2	44.4	44.3	44.2	0.6	0.7
5,0°	52.5	50.3	48.6	46.8	44.8	42.4	39.3	36.7	35.0	34.1	33.8	1.5	2.1
7,5°	54.3	53.2	52.0	47.4	42.9	39.0	35.7	32.2	29.9	28.9	28.5	3.1	5.2
10,0°	67.5	71.1	66.0	47.8	38.0	34.4	32.2	30.8	29.6	29.0	28.8	5.8	11.0
12,5°	77.3	72.7	71.1	62.4	50.7	39.1	35.0	31.0	28.4	28.4	29.0	11.0	22.1
15,0°	108.6	92.6	78.2	69.0	58.1	50.6	45.9	39.5	34.6	31.7	31.5	16.4	38.5
17,5°	119.8	101.3	90.7	79.5	68.0	61.8	55.9	49.9	43.8	43.3	43.2	21.6	60.0
20,0°	102.1	91.9	83.6	76.0	73.1	67.4	66.8	59.0	55.7	60.4	63.0	25.7	85.7
22,5°	100.3	86.3	77.5	72.2	70.8	69.3	68.0	64.1	65.0	71.5	78.2	28.9	114.6
25,0°	88.9	72.3	66.0	63.0	63.6	66.6	67.5	65.1	66.9	70.3	72.2	30.4	145.0
27,5°	84.3	69.4	61.3	56.3	57.2	59.9	60.9	56.1	57.6	57.4	59.5	32.7	177.7
30,0°	82.2	68.0	60.6	56.4	56.5	56.0	55.2	53.6	50.6	51.4	52.6	34.2	211.9
32,5°	76.7	66.5	61.1	58.4	57.0	56.5	54.0	51.6	46.8	48.3	49.9	35.4	247.3
35,0°	73.9	62.2	58.5	57.5	57.7	56.5	52.8	50.5	44.3	46.7	48.0	37.2	284.5
37,5°	75.8	68.4	61.8	56.9	54.9	53.8	51.6	48.5	43.3	44.5	45.5	38.1	322.6
40,0°	74.5	69.7	66.9	61.5	55.4	51.1	46.8	44.4	39.9	40.8	41.9	38.3	360.9
42,5°	73.6	69.7	66.0	60.6	56.9	51.0	45.1	41.0	36.8	37.0	35.5	38.3	399.3
45,0°	73.3	70.0	66.0	59.8	52.9	46.7	41.7	37.7	34.1	32.7	32.6	38.3	437.6
47,5°	73.5	69.6	66.0	60.2	52.2	45.1	39.5	34.7	32.5	30.1	33.1	38.3	475.9
50,0°	69.2	67.4	65.7	61.6	52.6	44.6	38.8	35.0	30.8	29.8	31.9	38.3	514.2
52,5°	64.6	63.8	63.5	60.0	51.5	43.8	37.8	34.8	30.8	30.2	31.7	38.4	552.7
55,0°	61.2	60.2	59.7	56.4	49.2	42.2	36.7	32.9	29.6	29.2	30.4	39.2	591.8
57,5°	61.1	57.7	56.3	52.5	46.0	39.3	34.2	30.7	27.6	26.9	27.7	40.2	632.0
60,0°	62.9	56.0	52.4	48.0	42.0	36.6	32.1	28.7	25.5	24.6	25.3	41.0	673.0
62,5°	64.2	54.8	47.8	43.3	38.3	33.8	30.2	27.0	23.8	22.8	23.3	41.3	714.3
65,0°	65.2	53.7	43.5	38.9	34.9	31.2	28.0	25.4	22.2	21.1	21.3	40.9	755.2
67,5°	63.2	51.6	39.7	34.3	31.1	28.4	25.8	23.2	20.4	19.1	19.3	39.4	794.6
70,0°	62.9	50.9	36.2	30.0	27.4	25.3	23.1	21.1	18.7	17.2	17.6	36.9	831.6
72,5°	60.5	48.8	33.3	26.6	24.2	22.5	20.6	18.9	16.7	15.3	15.4	32.6	864.2
75,0°	57.7	46.6	30.1	23.4	21.5	19.9	18.2	16.8	14.9	13.5	13.5	27.8	891.9
77,5°	54.0	43.4	27.5	20.6	18.7	17.4	16.0	14.5	13.0	11.7	11.5	22.6	914.5
80,0°	48.9	39.1	23.4	17.6	16.0	14.8	13.5	12.3	11.0	9.9	9.7	17.8	932.3
82,5°	43.3	34.3	20.8	15.4	13.9	12.7	11.5	10.3	9.3	8.2	8.0	14.0	946.3
85,0°	35.1	27.9	17.2	13.2	11.8	10.7	9.6	8.7	7.7	6.9	6.7	10.9	957.2
87,5°	22.8	18.7	11.6	9.1	8.4	7.6	7.0	6.4	5.9	5.3	4.9	4.5	961.7
90,0°	15.1	12.1	8.2	6.7	6.1	5.6	5.2	4.8	4.6	4.2	4.1	3.6	965.3
92,5°	7.5	6.9	6.4	5.9	5.4	5.0	4.7	4.4	4.2	3.9	3.7	2.8	968.1
95,0°	7.1	6.6	6.1	5.6	5.3	4.9	4.6	4.3	4.1	3.8	3.7	2.6	970.7
97,5°	6.9	6.5	6.0	5.6	5.3	4.9	4.6	4.4	4.1	3.8	3.7	2.5	973.3
100,0°	6.7	6.3	5.9	5.5	5.1	4.8	4.5	4.3	4.0	3.8	3.7	2.4	975.7
102,5°	6.7	6.2	5.8	5.4	5.1	4.7	4.5	4.2	4.0	3.7	3.6	2.4	978.1
105,0°	6.6	6.1	5.7	5.4	5.0	4.7	4.5	4.2	4.0	3.7	3.7	2.3	980.4
107,5°	6.4	6.0	5.6	5.3	4.9	4.6	4.4	4.2	4.0	3.7	3.7	2.2	982.6
110,0°	6.3	5.9	5.5	5.2	4.9	4.6	4.4	4.1	4.0	3.7	3.7	2.1	984.7
112,5°	6.2	5.8	5.4	5.2	4.8	4.6	4.3	4.1	3.9	3.7	3.7	2.0	986.7

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235LF14H + 5XA54000XS</b> <b>EAN: 4058352833209 + 4050737730073</b>	<b>LP number</b> <b>59265_22</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°
γ	Luminous intensity in cd/klm												
115,0°	8.7	8.9	9.2	9.3	9.5	9.6	9.7	9.8	9.9	10.0	10.2	10.2	10.3
117,5°	8.3	8.6	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.7	9.8	10.0	10.1
120,0°	8.1	8.2	8.5	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.5	9.6	9.7
122,5°	7.5	7.8	8.0	8.2	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.2	9.2
125,0°	6.9	7.1	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
127,5°	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.1
130,0°	4.7	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.3
132,5°	3.4	3.5	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
135,0°	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
137,5°	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
140,0°	2.1	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2
142,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
145,0°	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
147,5°	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
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: 5XA5235LF14H + 5XA54000XS</b> <b>EAN: 4058352833209 + 4050737730073</b>	<b>LP number</b> <b>59265_22</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°
γ	Luminous intensity in cd/klm												
115,0°	10.5	10.5	10.6	10.6	10.6	10.6	8.4	8.1	7.8	7.4	7.1	6.7	6.4
117,5°	10.1	10.2	10.2	10.3	10.3	10.3	8.1	7.8	7.4	7.1	6.8	6.5	6.1
120,0°	9.8	9.9	9.9	10.0	10.0	10.1	7.8	7.4	7.2	6.9	6.6	6.2	5.9
122,5°	9.3	9.4	9.4	9.5	9.5	9.5	7.3	7.0	6.7	6.5	6.2	5.9	5.6
125,0°	8.5	8.5	8.6	8.6	8.7	8.7	6.7	6.4	6.1	5.9	5.7	5.4	5.1
127,5°	7.1	7.2	7.2	7.2	7.3	7.3	5.7	5.4	5.3	5.1	4.8	4.7	4.4
130,0°	5.3	5.3	5.4	5.4	5.4	5.4	4.4	4.3	4.1	4.0	3.8	3.7	3.5
132,5°	3.7	3.7	3.7	3.7	3.7	3.7	3.4	3.3	3.2	3.1	3.0	2.9	2.8
135,0°	3.1	3.1	3.1	3.2	3.2	3.2	2.9	2.8	2.8	2.7	2.7	2.6	2.5
137,5°	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.5	2.4	2.4	2.3	2.2	2.2
140,0°	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0	2.0	1.9
142,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.9	1.8	1.8	1.8	1.7	1.7	1.7
145,0°	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147,5°	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.2
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: 5XA5235LF14H + 5XA54000XS</b> <b>EAN: 4058352833209 + 4050737730073</b>	<b>LP number</b> <b>59265_22</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°	6.0	5.7	5.4	5.0	4.7	4.5	4.2	4.1	3.9	3.6	3.6	2.0	988.7
117,5°	5.8	5.4	5.1	4.8	4.5	4.2	4.0	3.9	3.6	3.4	3.5	1.9	990.5
120,0°	5.5	5.3	4.9	4.6	4.4	4.1	3.9	3.7	3.5	3.4	3.4	1.7	992.3
122,5°	5.3	5.0	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.2	3.3	1.6	993.9
125,0°	4.8	4.5	4.2	4.0	3.8	3.6	3.4	3.3	3.0	2.9	3.0	1.4	995.3
127,5°	4.2	3.9	3.7	3.5	3.3	3.1	2.9	2.8	2.7	2.6	2.6	1.2	996.5
130,0°	3.3	3.2	3.0	2.8	2.7	2.6	2.4	2.3	2.2	2.1	2.1	0.9	997.4
132,5°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	2.0	0.6	998.0
135,0°	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.9	0.5	998.5
137,5°	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.7	0.4	999.0
140,0°	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	0.4	999.3
142,5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	0.3	999.6
145,0°	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	0.2	999.8
147,5°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	0.2	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: 5XA5235LF14H + 5XA54000XS</b> <b>EAN: 4058352833209 + 4050737730073</b>	<b>LP number</b> <b>59265_22</b>
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	1450	10.0	10.4	10.2
95	241	252	1376	9.5	9.9	9.7
90	229	250	1307	9.0	9.3	9.2
85	216	248	1233	8.5	8.8	8.6
80	203	246	1159	8.0	8.3	8.2
75	190	243	1085	7.6	7.7	7.6
70	178	241	1016	7.1	7.3	7.2
65	165	238	942	6.6	6.8	6.7
60	152	235	868	6.1	6.4	6.2
55	140	232	799	5.7	5.9	5.8
50	127	229	725	5.3	5.5	5.4
45	114	225	651	4.8	5.0	4.9
40	102	221	582	4.4	4.6	4.5
35	89	216	508	4.0	4.1	4.0
30	76	210	434	3.6	3.7	3.6
30	75	209	428	3.5	3.7	3.6