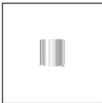


## Photometric test report

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



**Order number: 5XA5235MF14H + 5XA54001XS**  
**EAN: 4058352833247 + 4050737754895**

**LP number**  
**59356\_5**

**serial**  
**documentation**  
**04.11.2022**

**Version** post-top- or mounting to wall arm, decorative ring, silver  
**Optic** asymmetric, wide distribution (ST1.2a)  
**Cover** cover transparent, PMMA  
**Lamps** LED 2700 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 1540 lm  
Power consumption = 11.8 W  
Luminous efficacy = 130.5 lm/W

**siteco**

**Luminous intensity in cd/klm**

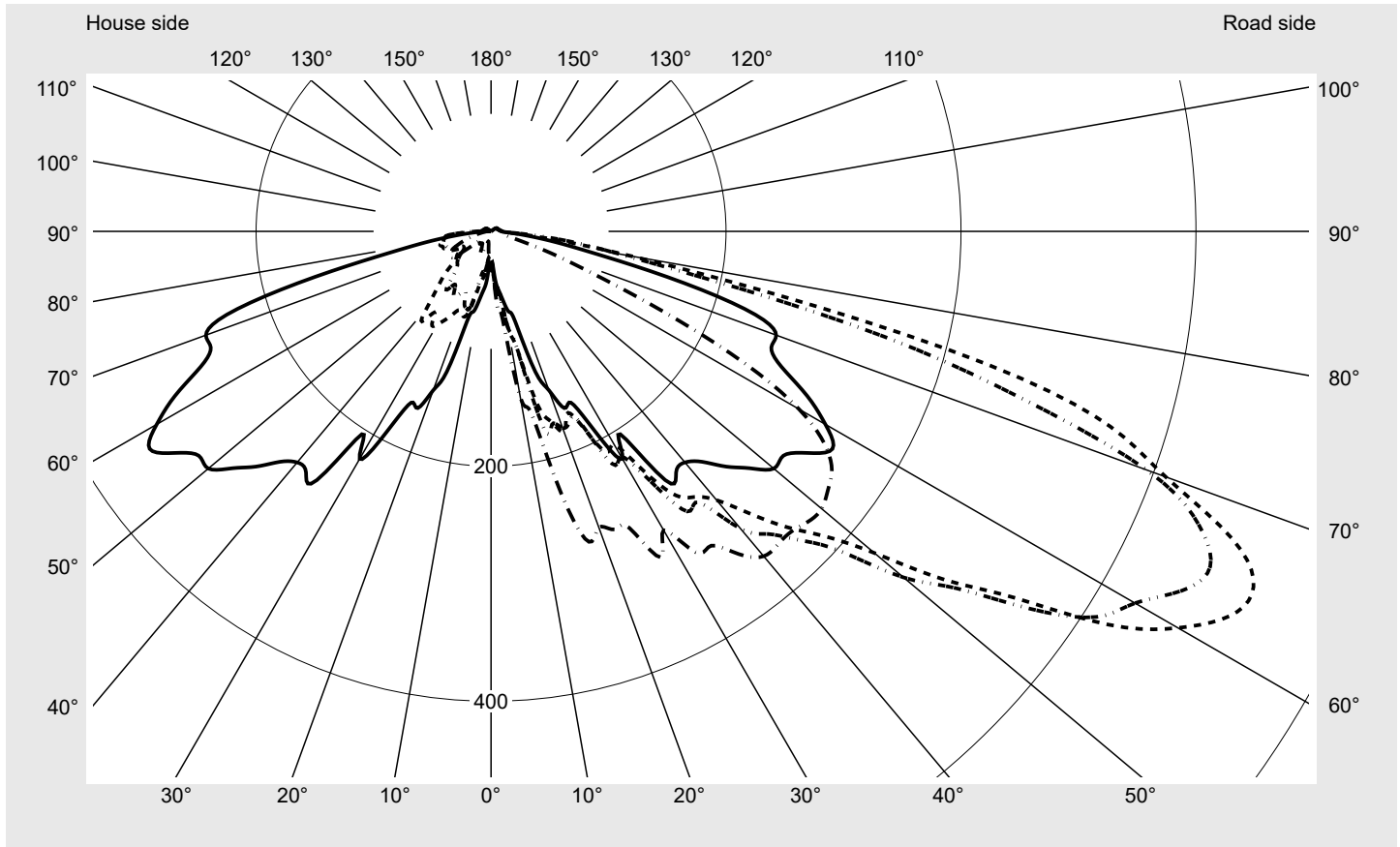
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 716 cd/klm**



### Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	97.7%
Eta 90° - 180°	2.3%

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

Class:	G2
Imax 70°	613.1
Imax 80°	139.0
Imax 90°	13.0
Imax >90°	9.8
Imax >95°	7.8

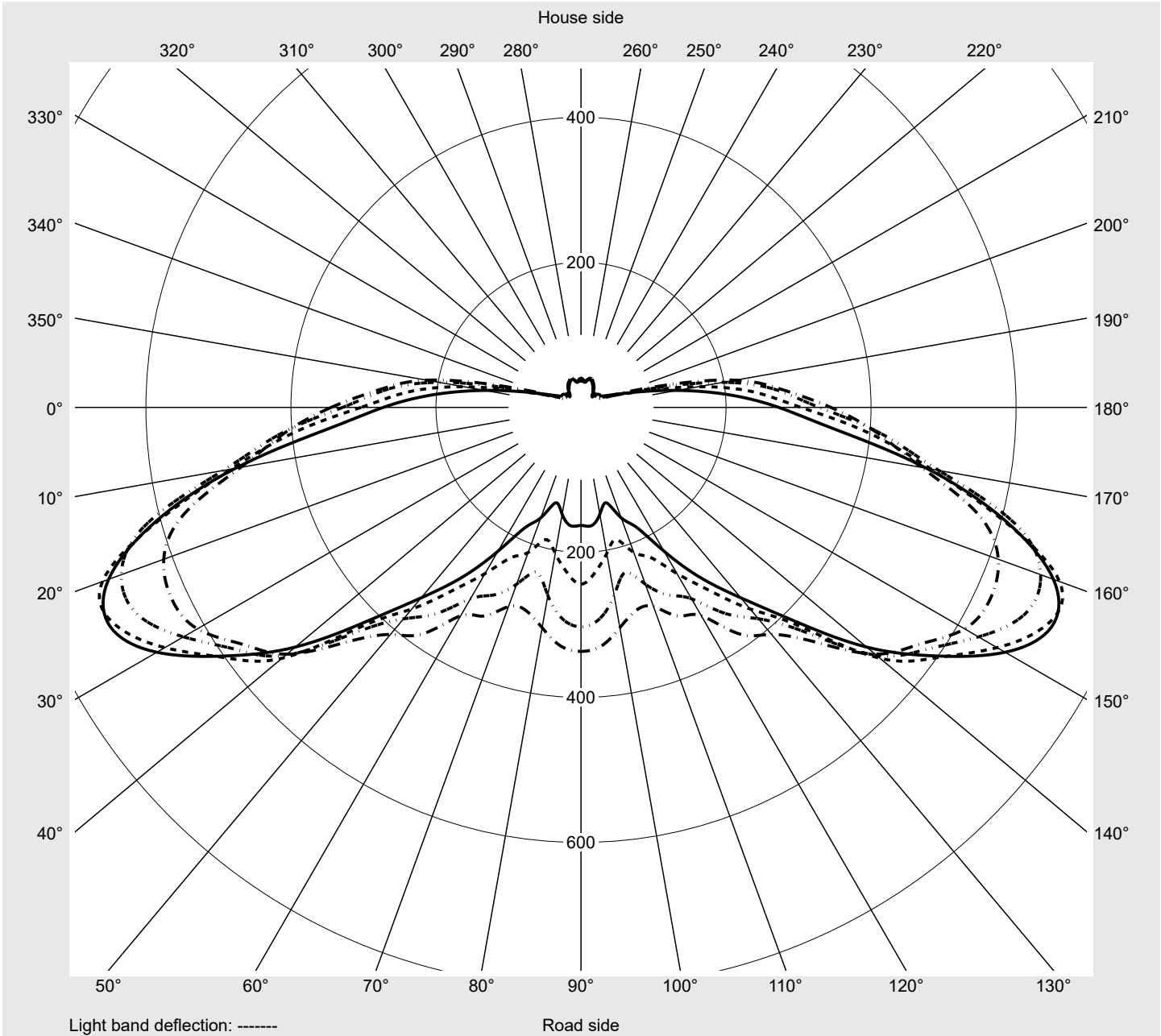
### Measurement conditions

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> MUSHROOM LUMINAIRE LED	<b>Order number:</b> 5XA5235MF14H + 5XA54001XS <b>EAN:</b> 4058352833247 + 4050737754895	<b>LP number</b> 59356_5
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**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**



## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235MF14H + 5XA54001XS</b> <b>EAN: 4058352833247 + 4050737754895</b>	<b>LP number</b> <b>59356_5</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												
0,0°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2,5°	27.5	28.0	28.0	28.7	29.4	30.7	32.1	32.9	33.6	33.6	33.6	33.4	32.9
5,0°	41.9	44.9	47.3	52.7	55.9	55.2	53.7	51.7	51.0	51.5	53.0	56.2	57.1
7,5°	51.0	52.5	55.4	52.7	47.3	48.1	51.3	55.2	61.1	67.0	71.4	77.5	78.5
10,0°	60.6	73.6	78.2	76.8	77.7	84.1	83.6	89.5	99.3	103.5	100.3	97.6	103.0
12,5°	70.1	76.5	83.6	88.3	92.5	102.0	102.0	103.2	120.4	126.5	136.6	147.1	147.6
15,0°	79.7	98.3	121.1	148.9	152.5	152.8	173.1	172.9	159.6	156.5	157.9	168.5	177.1
17,5°	125.3	126.1	142.2	164.3	167.3	169.7	172.4	183.7	191.3	189.6	182.9	188.3	203.3
20,0°	144.0	167.7	166.8	180.2	182.2	181.7	178.0	176.6	178.5	177.3	185.2	195.9	199.9
22,5°	162.8	165.5	172.2	165.5	166.5	168.2	174.9	183.4	194.0	195.0	204.5	217.3	222.9
25,0°	160.9	175.6	184.7	189.1	187.6	182.2	179.5	184.9	196.9	216.5	213.8	229.5	234.9
27,5°	192.5	193.5	194.7	199.4	199.1	211.6	222.9	227.1	230.3	242.8	250.1	261.2	272.5
30,0°	223.7	232.7	231.0	218.3	214.6	209.7	221.4	238.9	243.8	261.7	274.4	281.5	290.4
32,5°	204.8	202.8	208.0	211.4	222.2	241.8	251.6	283.2	302.6	323.0	319.1	332.1	332.1
35,0°	258.5	270.3	282.3	272.9	265.8	274.4	291.1	301.6	322.0	339.2	342.1	341.6	342.1
37,5°	258.7	263.9	261.9	259.2	276.1	285.0	290.9	316.4	340.4	345.0	353.9	355.6	362.5
40,0°	256.8	263.6	267.3	263.6	280.3	298.7	330.6	343.1	357.1	372.5	375.7	375.5	375.9
42,5°	266.1	266.1	274.2	276.6	296.7	325.7	349.5	368.1	379.4	396.1	400.7	393.1	387.0
45,0°	283.2	278.1	295.0	297.2	326.7	356.1	371.8	394.1	407.6	416.9	419.6	401.0	403.2
47,5°	298.5	302.4	319.1	324.4	347.0	383.8	402.7	431.4	431.1	431.6	440.4	414.2	414.5
50,0°	314.1	329.1	354.6	364.9	386.0	426.0	458.3	458.1	447.3	430.9	447.1	417.1	411.0
52,5°	313.7	350.7	393.1	445.8	452.7	487.5	499.1	496.6	471.8	451.0	442.7	421.3	391.2
55,0°	328.9	380.1	414.7	508.9	520.6	543.7	560.1	527.7	505.9	457.1	435.8	408.3	362.5
57,5°	344.6	411.0	476.7	566.3	612.4	623.1	610.9	569.7	529.5	457.9	408.8	381.6	331.8
60,0°	328.6	415.7	501.3	619.7	674.6	675.1	633.0	581.7	531.9	438.7	380.6	347.0	304.8
62,5°	303.4	397.0	490.2	603.0	702.4	709.0	662.6	601.3	538.3	427.0	363.0	308.0	264.6
65,0°	272.7	353.1	484.1	606.7	693.3	716.1	675.4	597.6	514.3	416.9	342.8	286.2	229.1
67,5°	258.2	309.5	457.9	584.2	680.3	682.2	651.8	575.8	485.6	388.2	319.3	255.5	196.4
70,0°	258.2	318.8	432.6	565.3	613.1	611.1	594.0	528.0	421.8	356.3	292.3	225.6	167.3
72,5°	235.9	320.0	391.2	514.0	570.9	552.8	475.0	442.7	346.3	276.6	222.4	178.8	140.0
75,0°	170.2	260.0	346.0	449.3	461.5	437.0	346.8	298.7	223.4	185.6	174.6	157.7	127.5
77,5°	100.1	160.9	221.2	294.8	303.1	249.2	193.5	164.8	138.8	122.1	126.1	122.9	107.7
80,0°	61.8	83.6	105.9	137.1	139.0	120.9	110.8	107.9	88.3	66.0	52.7	48.8	46.4
82,5°	36.8	41.0	47.8	60.6	67.4	56.9	71.1	76.8	58.6	41.0	23.1	19.9	15.5
85,0°	19.9	19.6	17.4	16.9	16.7	20.4	33.8	47.6	40.7	22.3	15.0	13.7	11.8
87,5°	10.5	10.3	10.1	10.5	10.5	10.8	10.8	11.0	10.8	10.5	10.5	10.8	10.8
90,0°	9.6	9.3	9.3	9.6	9.6	9.8	10.1	10.1	9.8	10.1	9.8	9.8	10.3
92,5°	8.3	8.3	8.6	8.8	9.1	9.1	9.1	9.3	9.6	9.3	9.3	9.3	9.3
95,0°	7.8	7.8	7.8	8.1	8.3	8.3	8.3	8.3	8.1	8.1	7.8	7.8	7.8
97,5°	7.4	7.4	7.8	7.8	7.8	7.8	7.4	7.4	7.4	7.4	7.4	7.4	7.4
100,0°	6.9	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	6.9	6.9	6.9
102,5°	6.6	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
105,0°	6.4	6.4	6.6	6.4	6.6	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4
107,5°	5.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	6.4	6.1	6.1
110,0°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
112,5°	5.4	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235MF14H + 5XA54001XS</b> <b>EAN: 4058352833247 + 4050737754895</b>	<b>LP number</b> <b>59356_5</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												
0,0°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2,5°	32.1	31.4	30.9	30.2	29.4	28.9	28.0	28.4	28.9	29.4	29.2	29.2	29.7
5,0°	59.1	61.1	64.0	66.5	69.2	67.2	37.8	32.4	29.4	26.7	23.5	22.6	23.3
7,5°	82.2	88.0	83.4	79.9	78.2	75.5	47.1	42.4	38.7	36.8	34.8	31.1	28.0
10,0°	108.6	119.7	131.2	137.1	139.3	143.7	54.7	40.2	42.2	42.2	41.0	35.8	31.4
12,5°	151.1	159.2	150.1	160.1	164.8	158.9	74.1	73.6	71.4	63.0	48.6	39.0	36.1
15,0°	179.5	186.1	189.1	206.5	223.9	231.5	72.3	66.0	63.5	67.0	68.4	65.0	59.1
17,5°	209.2	224.6	243.0	252.8	264.6	277.1	106.7	106.4	104.7	81.7	76.3	68.9	62.8
20,0°	214.6	232.0	237.9	249.7	258.5	268.3	118.2	98.3	88.3	82.6	73.6	66.2	54.9
22,5°	229.1	240.1	256.5	267.8	277.9	274.7	147.6	137.8	110.6	96.4	72.6	56.7	45.6
25,0°	247.4	260.4	271.5	277.4	278.1	278.6	155.5	143.7	131.2	103.5	78.5	56.9	36.1
27,5°	279.8	282.0	294.0	300.2	307.8	312.9	180.2	160.6	137.6	110.8	85.1	61.1	39.7
30,0°	305.1	311.2	308.0	304.8	296.5	293.8	208.9	196.7	157.9	128.3	91.5	63.5	38.3
32,5°	338.4	322.2	313.4	317.1	321.8	323.7	199.4	185.9	159.2	122.1	93.7	57.1	35.8
35,0°	341.6	338.2	326.4	323.0	323.5	326.7	247.0	215.3	170.9	125.3	84.4	55.7	35.3
37,5°	363.9	355.3	333.5	327.1	334.5	346.3	252.1	227.8	188.3	147.9	96.6	62.5	39.2
40,0°	377.7	369.3	341.9	338.7	348.0	361.0	252.1	223.9	172.2	136.1	84.9	51.5	39.5
42,5°	395.8	371.0	344.1	344.8	355.8	361.5	261.4	224.6	167.7	115.3	70.9	44.1	38.0
45,0°	401.0	368.6	348.0	356.3	362.5	361.5	268.0	231.3	164.6	108.9	61.1	40.5	37.3
47,5°	409.8	368.8	354.6	362.0	367.1	365.9	283.2	238.4	163.3	100.3	52.7	39.0	36.1
50,0°	408.3	362.0	347.3	355.8	365.6	367.4	286.7	237.1	153.3	87.1	42.7	36.3	32.4
52,5°	389.7	351.7	340.1	347.7	361.7	361.5	283.7	236.7	144.2	75.5	37.3	33.4	29.2
55,0°	358.0	334.3	328.1	337.0	349.7	354.1	285.7	233.2	135.1	65.7	35.3	29.7	26.2
57,5°	317.6	292.3	290.6	308.5	329.8	336.5	279.3	216.3	115.5	55.2	31.6	27.0	24.0
60,0°	285.5	259.5	235.7	263.4	292.8	302.6	272.0	199.1	99.8	47.1	29.7	26.7	24.3
62,5°	228.8	212.9	188.8	204.5	227.8	243.8	240.6	164.1	84.4	49.5	33.4	27.5	26.5
65,0°	183.2	162.1	136.4	149.6	163.8	162.8	203.1	134.9	82.9	53.5	38.5	31.6	30.9
67,5°	143.5	113.5	84.6	92.5	98.3	93.7	192.0	124.6	82.4	53.2	39.5	34.8	33.1
70,0°	119.7	81.7	47.6	42.7	48.1	54.4	182.5	121.4	80.9	54.0	42.7	39.2	37.0
72,5°	97.4	57.9	28.4	21.1	20.6	23.1	157.4	118.4	78.2	51.7	43.2	40.5	37.5
75,0°	76.5	29.4	18.4	15.0	14.2	14.2	117.7	89.3	66.2	48.1	44.9	42.7	40.7
77,5°	44.6	17.7	13.7	12.3	12.0	12.3	72.6	60.6	57.9	45.9	41.9	41.4	40.7
80,0°	20.8	13.0	11.8	11.0	11.0	11.3	53.2	51.0	49.3	40.2	39.5	41.0	39.5
82,5°	12.3	11.0	10.5	10.1	10.3	10.3	36.3	38.3	37.5	36.1	39.0	39.2	36.8
85,0°	11.0	10.5	10.1	9.6	9.3	9.3	20.1	23.5	28.4	32.4	36.1	36.3	33.8
87,5°	10.5	10.3	9.6	9.1	8.8	8.8	11.3	12.3	13.5	16.9	20.8	23.3	23.5
90,0°	10.3	9.8	9.1	8.6	8.3	8.3	9.8	10.1	10.5	11.8	13.0	13.0	10.8
92,5°	9.8	9.3	8.6	8.1	7.8	7.8	7.8	7.8	7.4	6.9	6.6	6.4	6.1
95,0°	7.8	7.8	7.6	7.4	7.4	7.4	7.4	7.4	6.9	6.6	6.4	5.9	5.9
97,5°	7.4	7.4	7.4	7.4	7.4	6.9	7.1	6.9	6.6	6.4	5.9	5.9	5.6
100,0°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.6	6.4	6.1	5.9	5.6	5.4
102,5°	6.4	6.6	6.4	6.6	6.4	6.4	6.4	6.4	6.4	5.9	5.6	5.4	5.2
105,0°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.9	5.9	5.4	5.4	4.9
107,5°	6.1	5.9	6.4	6.4	6.4	6.4	5.9	5.9	5.4	5.4	5.2	4.9	4.9
110,0°	5.9	5.9	5.9	5.9	5.9	5.9	5.6	5.4	5.4	5.2	4.9	4.9	4.7
112,5°	5.9	5.9	5.9	5.9	5.9	5.9	5.4	5.4	5.2	4.9	4.9	4.7	4.4

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235MF14H + 5XA54001XS</b> <b>EAN: 4058352833247 + 4050737754895</b>	<b>LP number</b> <b>59356_5</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
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	0.0	0.0
2,5°	29.9	29.4	28.0	27.0	26.5	26.5	25.8	24.5	23.5	23.1	23.1	0.3	0.4
5,0°	24.0	25.0	25.8	25.3	24.5	23.5	21.8	21.1	20.1	19.6	19.6	1.0	1.4
7,5°	24.0	23.8	26.2	28.2	28.0	25.0	21.1	18.6	17.2	16.4	16.2	1.7	3.1
10,0°	29.9	28.2	28.9	30.7	28.0	22.3	19.6	15.9	13.0	12.0	11.8	3.1	6.2
12,5°	36.1	31.1	32.9	41.7	33.8	19.9	13.7	11.5	10.5	10.5	9.8	4.8	11.0
15,0°	53.0	41.9	38.5	37.8	28.7	20.6	17.2	13.0	10.1	9.1	8.8	7.4	18.4
17,5°	63.3	62.0	50.0	37.0	26.7	21.3	21.8	13.7	12.0	10.8	10.3	10.2	28.6
20,0°	41.9	36.1	33.1	35.3	35.1	31.4	25.3	16.7	12.0	12.3	13.2	11.7	40.4
22,5°	37.8	32.6	32.1	27.0	24.5	22.1	22.6	20.4	17.2	16.7	19.1	13.8	54.2
25,0°	26.5	24.8	24.0	23.8	21.6	21.1	20.8	18.1	16.4	20.4	21.6	15.9	70.1
27,5°	27.7	24.3	21.1	19.4	18.6	18.6	20.6	20.4	16.4	18.9	18.6	19.4	89.4
30,0°	29.7	26.0	21.8	20.1	18.4	17.4	18.1	17.4	13.7	15.7	15.7	22.5	111.9
32,5°	30.9	26.7	23.1	21.3	18.6	17.4	16.7	16.2	13.2	14.0	14.2	25.6	137.6
35,0°	30.4	27.2	25.3	21.8	19.4	17.4	15.9	14.7	12.8	12.3	12.8	30.0	167.5
37,5°	31.4	24.3	22.1	20.8	20.1	18.4	16.7	15.0	12.8	12.3	12.8	32.8	200.3
40,0°	32.4	27.5	21.6	18.4	16.4	16.2	16.2	15.7	14.0	13.5	13.7	35.6	235.9
42,5°	33.4	26.5	21.3	19.4	16.2	14.7	13.5	14.0	13.5	14.7	14.2	38.5	274.4
45,0°	32.1	26.2	21.1	17.7	15.7	14.7	14.0	13.2	12.3	12.0	12.8	41.8	316.2
47,5°	30.4	24.8	20.6	17.4	15.5	14.5	13.2	12.8	11.5	10.8	11.3	45.3	361.6
50,0°	28.4	24.0	21.1	21.6	21.1	19.1	16.9	14.0	11.5	10.5	10.3	48.6	410.2
52,5°	26.0	22.6	23.8	28.4	30.4	29.7	27.7	24.8	20.8	18.1	17.7	52.5	462.7
55,0°	23.5	22.1	24.8	30.2	34.3	36.8	37.8	36.3	34.3	35.6	35.8	56.0	518.7
57,5°	22.1	21.3	24.8	30.9	35.8	39.5	42.7	41.2	37.0	38.3	40.2	58.7	577.4
60,0°	22.3	21.3	23.8	29.7	35.3	39.2	42.2	41.0	36.5	37.5	39.2	59.1	636.5
62,5°	24.3	23.1	25.3	29.4	34.8	38.7	41.9	40.5	36.1	37.0	37.3	57.6	694.2
65,0°	28.2	27.0	27.2	28.9	32.9	36.8	39.7	39.7	35.3	35.8	36.3	55.1	749.3
67,5°	31.1	29.4	30.7	30.4	32.9	34.6	35.8	35.6	31.6	30.9	31.4	51.5	800.8
70,0°	36.3	34.1	33.4	31.4	30.7	30.4	29.7	29.7	27.0	26.7	26.5	47.5	848.3
72,5°	36.3	36.5	34.1	31.9	27.7	25.0	23.3	23.3	21.8	20.8	21.6	41.6	889.8
75,0°	39.7	36.8	34.3	31.4	23.3	19.6	19.1	18.4	17.4	16.7	17.2	33.2	923.0
77,5°	40.2	38.0	35.6	29.4	19.1	15.2	14.7	14.2	14.0	13.2	13.2	22.4	945.4
80,0°	39.5	37.0	34.6	26.0	16.4	11.0	10.8	11.0	10.8	9.6	9.8	13.3	958.7
82,5°	37.0	34.6	30.4	22.1	15.9	8.3	8.3	8.3	8.3	7.4	7.4	8.5	967.2
85,0°	29.4	28.0	22.3	15.5	11.3	6.4	6.1	6.4	6.1	5.6	5.4	5.3	972.5
87,5°	20.6	18.4	14.7	9.6	6.9	5.6	5.2	4.9	4.9	4.7	4.4	3.1	975.6
90,0°	9.1	8.6	7.6	6.4	5.4	4.7	4.4	4.4	3.9	3.7	3.4	2.4	978.0
92,5°	5.9	5.4	5.2	4.9	4.7	4.4	3.9	3.9	3.9	3.7	3.4	2.0	980.0
95,0°	5.4	5.2	4.9	4.7	4.4	4.2	3.9	3.9	3.7	3.4	3.4	1.8	981.8
97,5°	5.4	4.9	4.9	4.4	4.4	4.2	3.9	3.9	3.4	3.4	3.4	1.7	983.5
100,0°	5.2	4.9	4.7	4.4	4.2	3.9	3.9	3.4	3.4	3.2	2.9	1.6	985.1
102,5°	4.9	4.9	4.4	4.4	3.9	3.9	3.4	3.4	3.4	3.2	2.9	1.5	986.7
105,0°	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.4	3.4	3.2	2.9	1.5	988.1
107,5°	4.4	4.4	4.4	4.2	3.9	3.7	3.4	3.4	3.2	2.9	2.9	1.4	989.6
110,0°	4.4	4.2	4.2	3.9	3.7	3.4	3.4	3.2	3.2	2.9	2.9	1.3	990.9
112,5°	4.4	4.2	3.9	3.7	3.7	3.4	3.4	3.2	2.9	2.9	2.9	1.3	992.1

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235MF14H + 5XA54001XS</b> <b>EAN: 4058352833247 + 4050737754895</b>	<b>LP number</b> <b>59356_5</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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
117,5°	4.9	5.2	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
120,0°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.2	4.9	4.9	5.4
122,5°	4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
125,0°	4.2	4.2	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
127,5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
130,0°	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
132,5°	2.0	2.0	1.7	2.0	1.7	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.5
135,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.2	1.5	1.0	1.2	1.2
137,5°	1.5	1.5	1.5	1.5	1.5	1.2	1.2	1.0	1.2	1.0	1.0	1.0	1.0
140,0°	1.5	1.5	1.5	1.5	1.5	1.2	1.5	1.5	1.2	1.2	1.0	1.0	1.0
142,5°	1.5	1.5	1.5	1.5	1.2	1.2	1.5	1.5	1.2	1.2	1.2	1.2	1.2
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147,5°	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.7	0.7	1.0	1.0	0.7	0.7
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: 5XA5235MF14H + 5XA54001XS</b> <b>EAN: 4058352833247 + 4050737754895</b>	<b>LP number</b> <b>59356_5</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°	5.4	5.4	5.4	5.6	5.9	5.9	5.4	5.2	4.9	4.9	4.7	4.4	4.4
117,5°	5.4	5.4	5.4	5.4	5.4	5.4	4.9	4.9	4.7	4.7	4.4	4.4	4.2
120,0°	5.4	5.4	5.4	5.4	5.4	5.4	4.9	4.7	4.4	4.4	4.4	4.2	3.9
122,5°	4.9	4.9	4.9	4.9	4.9	5.4	4.4	4.4	4.4	4.4	4.2	3.9	3.9
125,0°	4.4	4.4	4.4	4.4	4.4	4.4	3.9	3.9	3.9	3.9	3.4	3.4	3.4
127,5°	3.7	3.9	3.7	3.7	3.9	3.9	3.4	3.4	3.4	2.9	2.9	2.9	2.9
130,0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2
132,5°	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0
135,0°	1.2	1.0	1.0	1.2	1.2	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
137,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
140,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
142,5°	1.0	1.2	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.2	1.5
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147,5°	0.7	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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: 5XA5235MF14H + 5XA54001XS</b> <b>EAN: 4058352833247 + 4050737754895</b>	<b>LP number</b> <b>59356_5</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	3.9	3.9	3.7	3.4	3.4	3.2	2.9	2.9	2.9	2.9	1.2	993.3
117,5°	3.9	3.7	3.7	3.4	3.4	3.2	3.2	2.9	2.7	2.7	2.5	1.1	994.4
120,0°	3.9	3.7	3.4	3.4	3.2	3.2	2.9	2.7	2.7	2.5	2.5	1.0	995.5
122,5°	3.7	3.4	3.4	3.2	2.9	2.9	2.9	2.7	2.7	2.5	2.5	1.0	996.4
125,0°	3.4	3.2	2.9	2.9	2.7	2.5	2.5	2.5	2.5	2.5	2.5	0.8	997.3
127,5°	2.9	2.5	2.5	2.5	2.5	2.2	2.0	2.0	2.0	2.0	2.0	0.7	998.0
130,0°	2.2	2.0	2.0	2.0	2.0	2.0	1.7	1.7	1.5	1.5	1.5	0.5	998.4
132,5°	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.3	998.8
135,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.3	999.0
137,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.2	999.3
140,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	0.2	999.5
142,5°	1.2	1.5	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.9
147,5°	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
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: 5XA5235MF14H + 5XA54001XS</b> <b>EAN: 4058352833247 + 4050737754895</b>	<b>LP number</b> <b>59356_5</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	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