
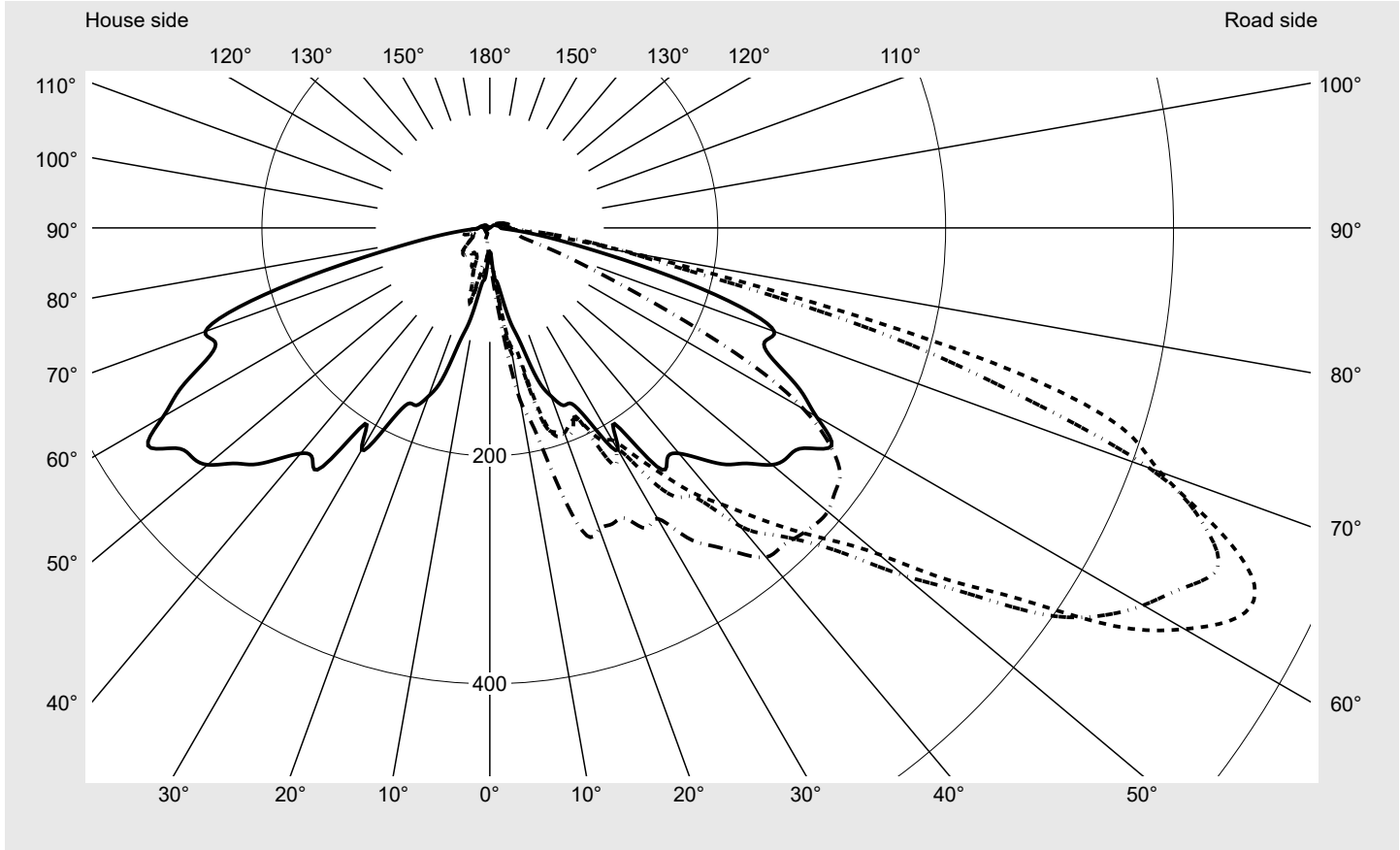


# Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number:</b> 5XA5235KF14H + 5XA54000XBXL <b>EAN:</b> 4058352833162 + 4058352415573	<b>LP number</b> <b>59355_5</b>
<b>Version</b>	post-top- or mounting to wall arm, shielding on building side	<b>serial documentation</b> <b>04.11.2022</b>
<b>Optic</b>	asymmetric, wide distribution (ST1.2a)	
<b>Cover</b>	cover transparent, PMMA	
<b>Lamps</b>	LED 4000 K   CRI ≥ 70	
<b>Controlgear</b>	ECG SITECO iQ	
<b>Rated values</b>	Net luminous flux = 1510 lm Power consumption = 10.0 W Luminous efficacy = 151 lm/W	

**Luminous intensity in cd/klm** C180-0 C205-25 C210-30 C270-90 **Imax: 740 cd/klm**



**Luminaire output ratios**

Eta	100.0%
Eta 0° - 90°	97.0%
Eta 90° - 180°	3.0%

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

Class:	G2
Imax 70°	634.7
Imax 80°	146.3
Imax 90°	21.8
Imax >90°	20.8
Imax >95°	18.5

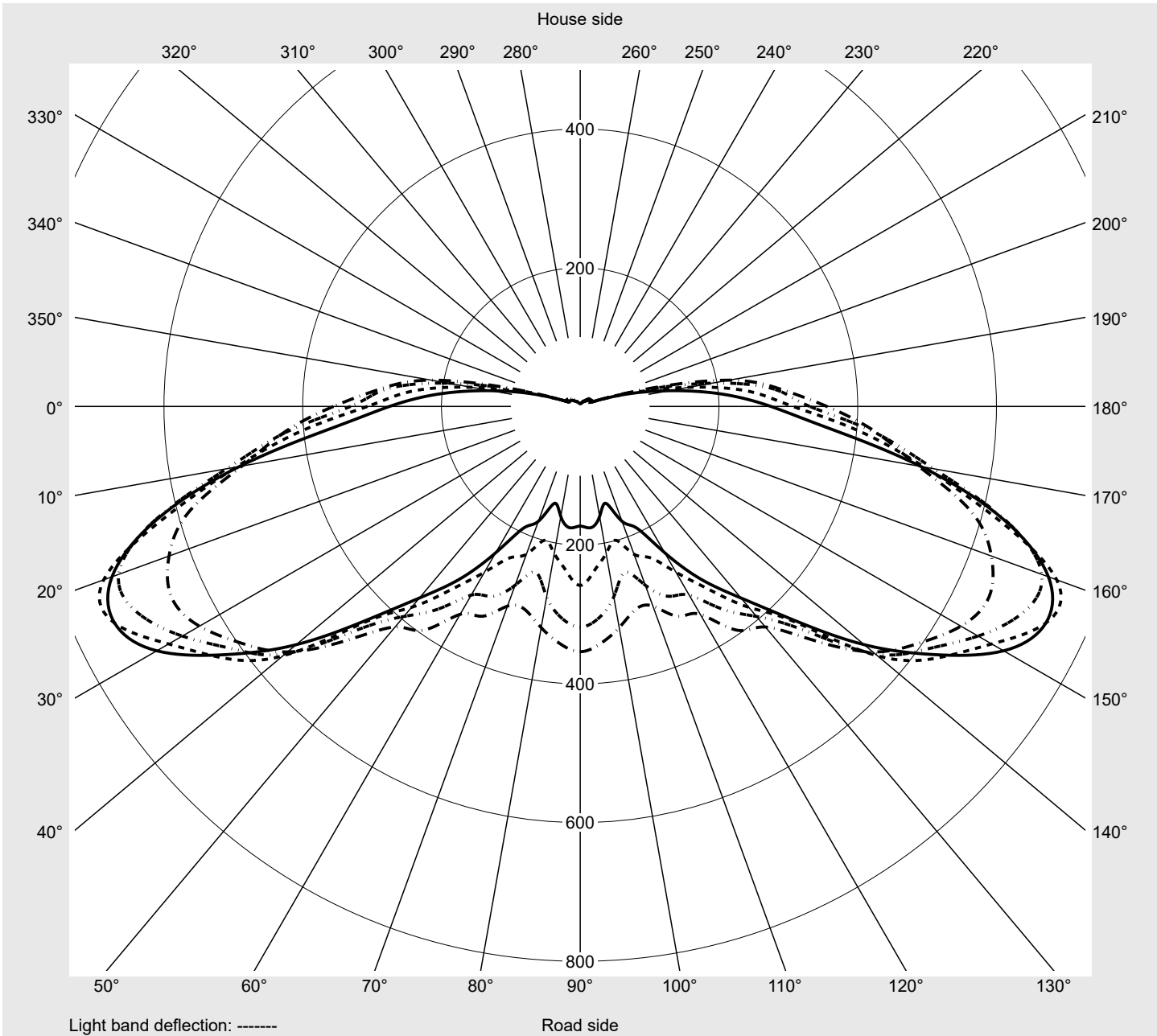
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

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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°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
2,5°	23.3	23.3	24.3	26.0	28.8	30.8	32.8	33.8	34.5	35.0	35.8	36.0	36.5
5,0°	42.5	40.5	42.5	45.5	43.3	40.3	38.5	38.0	40.3	43.5	47.0	51.5	53.5
7,5°	47.5	54.3	54.8	58.5	63.8	67.5	74.0	81.8	86.0	93.8	92.5	91.8	88.8
10,0°	62.3	72.3	77.0	87.0	91.0	105.0	112.8	108.0	101.8	101.5	108.0	120.3	137.0
12,5°	86.0	86.0	96.3	110.0	105.3	111.0	118.3	128.5	140.0	142.5	146.8	152.3	162.8
15,0°	105.0	119.8	134.3	155.1	146.3	163.6	171.6	174.6	180.8	182.6	181.3	188.1	193.1
17,5°	139.5	158.3	164.3	177.6	191.1	191.1	187.8	177.3	184.3	184.6	190.8	216.1	212.1
20,0°	157.1	178.6	189.8	189.6	189.3	191.6	192.8	192.1	195.3	207.8	208.6	218.6	224.6
22,5°	168.6	171.3	167.3	171.3	171.3	185.1	191.1	205.6	204.6	205.6	217.6	229.3	240.1
25,0°	170.3	183.6	196.6	195.8	190.8	187.3	185.8	199.6	216.8	224.8	224.1	235.8	242.6
27,5°	196.1	192.6	197.3	194.1	205.8	209.1	234.6	236.3	241.1	240.3	254.1	258.6	273.1
30,0°	224.8	220.3	223.1	216.6	210.3	215.1	224.8	242.8	255.3	259.1	275.6	278.8	293.6
32,5°	203.8	204.3	199.3	202.8	212.6	237.1	261.1	285.1	315.4	330.1	325.1	331.4	334.6
35,0°	255.6	263.1	273.3	266.3	258.8	263.8	288.6	296.6	309.4	336.1	346.9	346.1	352.1
37,5°	255.6	263.8	257.6	261.6	272.3	293.1	299.4	322.6	349.6	361.9	373.1	376.4	381.6
40,0°	258.3	276.1	274.3	269.3	290.3	316.6	341.4	361.6	373.4	393.6	395.1	391.4	399.1
42,5°	275.1	278.3	284.8	286.6	307.4	344.1	364.9	386.4	400.4	423.6	415.1	408.9	410.9
45,0°	293.6	291.6	306.6	308.1	337.1	374.4	388.4	408.1	427.1	439.1	443.4	420.1	425.4
47,5°	305.9	310.1	329.4	335.4	360.4	405.4	423.4	449.2	456.9	451.7	450.7	431.9	431.6
50,0°	323.4	339.4	367.6	384.4	398.1	445.4	474.7	479.7	469.9	452.4	450.9	431.9	425.6
52,5°	329.9	359.6	403.9	463.9	463.2	507.7	525.7	520.4	497.4	470.4	460.9	439.4	410.6
55,0°	336.9	392.9	426.9	532.2	547.2	567.7	590.7	552.7	535.4	483.2	446.4	424.4	372.1
57,5°	355.6	428.4	494.9	582.9	630.7	650.2	633.7	595.4	550.7	477.4	415.1	393.9	346.1
60,0°	330.9	425.4	517.4	635.0	708.0	704.0	662.2	610.0	554.9	456.4	395.4	356.6	314.1
62,5°	306.6	402.6	503.7	620.2	731.0	740.0	685.0	631.5	559.4	440.6	378.1	321.4	276.1
65,0°	274.8	359.4	498.7	632.7	718.2	740.2	704.7	624.0	534.4	435.9	360.6	304.6	243.6
67,5°	261.1	308.4	474.4	595.9	705.0	692.0	677.2	601.7	504.9	404.6	339.9	276.3	210.6
70,0°	265.6	328.1	455.2	597.7	634.7	626.0	616.0	546.7	437.1	374.9	310.6	245.1	180.3
72,5°	230.8	339.6	397.6	539.2	587.4	580.4	485.4	455.9	364.4	283.3	235.8	187.1	151.3
75,0°	164.6	267.6	346.9	466.7	470.4	456.4	354.4	312.6	224.1	189.1	186.1	174.3	142.8
77,5°	100.0	169.8	232.3	309.4	312.6	254.8	196.1	170.3	151.3	132.3	135.3	133.5	124.3
80,0°	60.8	83.8	111.3	140.8	146.3	128.5	122.5	124.5	100.8	76.3	61.0	53.8	60.5
82,5°	35.8	43.3	51.5	64.0	72.8	61.3	78.3	90.5	70.8	52.5	33.8	30.3	25.8
85,0°	19.0	21.5	20.0	21.5	21.8	27.0	44.3	56.0	47.5	31.0	25.5	24.3	23.0
87,5°	10.8	12.0	13.0	14.8	16.5	18.0	19.0	19.8	20.3	20.8	20.8	21.0	21.3
90,0°	10.0	11.3	12.3	13.8	15.5	17.0	17.8	18.8	19.3	19.8	19.8	20.3	20.5
92,5°	9.5	10.5	11.5	12.8	14.3	15.8	16.8	17.3	17.8	18.3	18.8	19.3	19.3
95,0°	9.0	10.0	10.8	12.0	13.3	14.3	15.3	16.3	16.8	17.3	17.8	18.0	18.3
97,5°	8.5	9.5	10.0	11.0	12.3	13.3	14.3	15.0	15.5	16.0	16.5	16.8	17.0
100,0°	8.0	8.5	9.5	10.5	11.3	12.3	13.0	13.8	14.5	15.0	15.3	15.5	16.0
102,5°	7.5	8.3	9.0	9.8	10.5	11.3	12.0	12.8	13.0	13.5	14.0	14.5	14.5
105,0°	7.0	7.8	8.5	9.0	9.8	10.5	11.0	11.5	12.0	12.5	13.0	13.5	13.5
107,5°	6.5	7.0	7.8	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.0	12.5
110,0°	6.0	6.8	7.3	8.0	8.3	8.8	9.3	9.5	10.0	10.5	11.0	11.0	11.5
112,5°	5.8	6.3	6.8	7.3	7.5	8.0	8.5	8.8	9.3	9.5	10.0	10.0	10.5

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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°
γ	Luminous intensity in cd/klm												
0,0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
2,5°	37.0	37.8	38.3	38.5	38.8	38.5	23.3	23.5	24.0	24.8	24.8	24.8	25.3
5,0°	54.3	57.0	59.8	62.3	61.5	61.0	40.5	33.5	31.8	30.3	24.0	24.0	25.3
7,5°	88.0	90.8	94.3	96.3	98.3	100.0	43.8	40.8	42.3	40.8	41.0	33.3	30.3
10,0°	138.8	145.3	150.1	146.3	148.0	153.6	59.5	57.3	55.0	44.8	37.5	33.0	35.0
12,5°	167.1	169.8	174.6	176.8	184.3	180.6	87.5	88.5	75.0	59.0	50.3	43.8	42.5
15,0°	204.3	209.6	218.1	226.8	237.1	237.6	81.5	74.0	66.5	65.5	68.0	66.5	60.0
17,5°	224.3	243.8	260.3	274.8	288.6	283.1	124.3	121.8	77.5	56.3	51.3	50.3	48.8
20,0°	233.1	239.3	256.3	268.8	276.6	281.1	135.8	123.8	73.5	49.3	43.0	43.5	42.8
22,5°	249.1	254.3	267.6	279.3	282.6	281.1	158.1	141.5	81.0	40.5	33.8	31.3	29.0
25,0°	259.3	266.1	280.3	286.6	284.3	281.1	160.8	148.3	88.0	47.5	37.3	27.0	23.3
27,5°	284.6	284.8	288.3	294.1	296.8	297.1	180.6	165.1	85.8	38.8	31.5	25.5	22.8
30,0°	310.4	314.6	309.6	307.4	298.9	294.6	206.1	189.8	104.8	31.5	27.0	24.8	22.5
32,5°	339.6	327.9	313.6	315.6	323.1	322.1	196.3	174.1	102.8	33.0	25.5	22.8	22.8
35,0°	354.9	352.6	342.6	336.4	339.4	340.6	245.1	217.1	110.0	31.8	27.8	26.8	23.3
37,5°	382.4	376.9	353.4	347.4	353.1	359.6	247.6	217.1	121.5	32.8	27.5	26.8	28.8
40,0°	398.1	389.9	360.1	356.4	366.4	377.1	255.1	225.8	120.5	33.5	29.8	29.5	28.8
42,5°	412.9	393.1	360.9	364.1	374.1	379.1	267.6	228.3	120.5	35.5	32.5	32.3	31.3
45,0°	420.4	391.9	367.1	376.9	379.1	382.6	281.1	240.1	122.0	35.8	33.0	34.0	33.5
47,5°	426.4	389.6	372.1	381.6	382.9	386.1	286.3	244.1	123.3	35.0	32.0	34.0	33.0
50,0°	423.9	381.4	365.9	376.9	383.6	387.1	294.8	245.8	120.8	31.8	29.8	30.8	29.0
52,5°	406.1	368.9	360.1	369.1	377.4	381.6	290.8	242.8	116.3	28.5	26.3	27.0	25.3
55,0°	369.1	348.4	344.9	354.6	365.4	375.1	290.8	238.3	108.0	25.8	23.0	23.3	22.0
57,5°	333.9	306.4	304.1	323.9	342.9	353.6	289.1	218.1	92.3	23.0	20.3	21.0	19.5
60,0°	302.1	274.3	247.6	278.8	306.4	318.1	281.8	193.1	84.5	21.0	18.0	18.3	17.8
62,5°	241.1	226.8	199.8	215.3	237.3	258.1	245.8	159.1	72.0	20.8	17.0	16.5	15.8
65,0°	193.8	176.3	144.8	161.1	175.6	172.6	204.8	130.5	67.8	22.5	18.0	16.5	15.0
67,5°	159.8	126.3	94.5	103.5	110.5	106.0	189.1	117.3	62.8	23.3	18.5	16.8	14.0
70,0°	132.3	96.8	59.0	54.3	58.0	65.5	179.3	114.0	60.5	21.0	17.0	15.0	13.5
72,5°	108.0	67.5	41.0	34.0	33.5	35.5	156.1	112.8	60.5	23.3	18.0	15.3	13.5
75,0°	90.0	39.8	31.5	28.3	27.8	27.5	114.0	81.5	55.5	25.5	22.8	18.0	14.5
77,5°	58.0	30.5	27.0	25.8	25.8	26.0	66.5	51.5	45.3	25.3	21.8	18.0	13.8
80,0°	29.3	25.5	24.8	24.8	24.8	25.0	48.3	44.8	37.5	23.3	21.0	18.5	14.5
82,5°	24.0	23.5	23.8	23.8	24.0	24.0	30.8	29.3	26.0	19.5	18.0	14.8	12.3
85,0°	22.8	22.8	23.3	23.3	23.5	23.5	17.0	17.0	19.0	18.0	17.0	14.3	10.8
87,5°	21.8	21.8	22.3	22.5	22.5	22.5	9.5	8.0	7.0	6.3	5.8	5.3	5.0
90,0°	20.8	21.3	21.3	21.5	21.8	21.5	8.5	7.3	6.3	5.8	5.3	4.8	4.3
92,5°	19.8	20.3	20.5	20.8	20.8	20.5	8.0	7.0	6.0	5.3	4.8	4.5	4.3
95,0°	18.5	19.0	19.3	19.5	19.5	19.5	7.5	6.5	5.5	5.0	4.8	4.3	4.0
97,5°	17.5	17.8	18.0	18.3	18.5	18.5	7.3	6.0	5.5	5.0	4.5	4.0	3.8
100,0°	16.3	16.5	17.0	17.0	17.0	17.0	7.0	6.0	5.0	4.5	4.3	3.8	3.5
102,5°	15.0	15.5	15.5	15.5	16.0	16.0	6.5	5.5	5.0	4.5	4.0	3.5	3.5
105,0°	14.0	14.0	14.5	14.5	14.5	14.5	6.3	5.5	4.5	4.0	4.0	3.5	3.3
107,5°	12.5	13.0	13.0	13.5	13.5	13.5	6.0	5.0	4.5	4.0	3.5	3.5	3.0
110,0°	11.5	12.0	12.0	12.0	12.5	12.5	5.5	5.0	4.5	4.0	3.5	3.3	3.0
112,5°	10.5	11.0	11.0	11.0	11.0	11.0	5.3	4.8	4.3	3.5	3.5	3.0	3.0

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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°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	0.0	0.0
2,5°	25.8	26.0	25.3	24.3	24.0	24.0	25.0	25.0	24.8	24.0	24.0	0.3	0.4
5,0°	27.3	29.5	31.3	28.8	27.5	24.0	20.8	19.3	18.3	17.8	17.5	0.9	1.3
7,5°	25.8	29.5	34.8	36.0	37.0	31.8	25.3	20.0	18.0	17.0	16.5	2.0	3.3
10,0°	37.5	33.5	40.8	46.3	38.5	29.8	23.3	16.8	13.8	12.8	12.5	3.6	6.9
12,5°	42.8	40.5	42.3	45.3	36.8	22.8	18.0	14.3	12.5	10.8	10.5	5.4	12.3
15,0°	50.3	39.5	40.8	43.8	38.8	25.5	16.5	13.8	12.0	10.5	10.0	8.1	20.4
17,5°	58.3	49.5	42.3	30.3	12.8	11.8	13.8	15.5	13.5	12.0	11.5	10.5	30.9
20,0°	42.5	38.8	32.8	22.5	13.8	9.8	7.8	8.0	9.0	10.3	11.0	12.1	43.0
22,5°	28.8	26.5	25.0	17.5	11.5	8.3	6.8	6.3	6.0	5.8	6.0	13.6	56.6
25,0°	22.5	20.3	19.3	14.3	10.0	7.5	6.3	6.0	5.8	5.5	5.5	15.5	72.1
27,5°	21.3	19.3	18.0	13.3	9.5	7.0	6.0	5.5	5.3	5.3	5.5	18.3	90.4
30,0°	21.3	20.0	18.5	13.8	9.5	7.0	5.8	5.5	5.3	5.3	5.0	21.1	111.5
32,5°	23.0	21.0	19.3	14.5	10.3	6.8	5.8	5.5	5.3	5.3	5.0	24.2	135.8
35,0°	23.0	21.5	20.8	15.0	11.0	7.3	5.8	5.5	5.3	5.0	5.0	28.6	164.4
37,5°	26.0	21.8	19.0	14.8	11.5	7.3	5.5	5.5	5.3	5.0	5.0	31.9	196.3
40,0°	27.5	25.0	19.5	14.8	11.0	7.3	5.5	5.5	5.3	5.0	5.0	35.5	231.8
42,5°	29.3	24.5	19.8	15.8	11.5	7.5	5.5	5.3	5.3	5.0	5.0	38.9	270.7
45,0°	30.5	24.5	19.0	14.8	11.3	7.5	5.5	5.3	5.0	5.0	4.5	42.5	313.3
47,5°	28.3	23.0	17.5	13.8	11.0	7.5	5.3	5.0	4.8	4.8	4.5	46.0	359.3
50,0°	25.3	21.0	16.3	13.0	11.0	7.5	5.3	5.0	4.8	4.5	4.5	49.4	408.7
52,5°	22.5	18.5	14.8	12.0	10.3	7.3	5.3	4.8	4.8	4.5	4.5	53.1	461.8
55,0°	19.8	17.0	13.5	10.8	9.5	7.0	5.0	4.8	4.5	4.5	4.5	56.2	518.0
57,5°	17.5	14.8	11.8	10.0	8.8	6.5	5.0	4.5	4.5	4.3	4.0	58.5	576.5
60,0°	15.8	13.0	10.3	8.8	8.3	6.3	5.0	4.5	4.3	4.3	4.0	59.1	635.6
62,5°	13.8	11.3	9.5	8.3	7.8	6.3	5.0	4.5	4.3	4.0	4.0	57.2	692.8
65,0°	12.8	10.8	9.3	8.0	7.5	6.3	5.0	4.5	4.3	4.0	4.0	54.7	747.4
67,5°	12.3	10.5	9.0	8.3	7.5	6.3	5.3	4.8	4.5	4.5	4.5	50.8	798.2
70,0°	12.0	10.3	9.0	7.8	7.3	6.3	5.5	5.0	4.5	4.5	4.5	46.8	845.0
72,5°	11.5	9.5	8.3	7.5	6.8	6.0	5.3	4.8	4.5	4.5	4.0	40.7	885.8
75,0°	12.0	9.0	7.8	7.0	6.3	5.8	5.0	4.8	4.3	4.0	4.0	32.3	918.0
77,5°	10.8	8.5	6.8	6.0	5.5	5.3	4.5	4.3	4.0	3.8	3.5	21.6	939.6
80,0°	10.3	7.3	5.8	5.3	4.8	4.5	4.0	3.8	3.5	3.5	3.5	12.6	952.2
82,5°	9.8	6.5	5.3	4.8	4.3	4.0	3.5	3.5	3.0	3.0	3.0	7.9	960.1
85,0°	7.8	5.5	4.8	4.3	3.8	3.5	3.0	3.0	3.0	2.5	2.5	5.0	965.1
87,5°	4.8	4.3	4.0	3.8	3.3	3.0	2.8	2.5	2.5	2.5	2.5	3.3	968.4
90,0°	4.3	3.8	3.5	3.3	3.0	2.8	2.5	2.5	2.3	2.0	2.0	3.1	971.5
92,5°	3.8	3.5	3.3	3.0	2.8	2.5	2.3	2.0	2.0	2.0	2.0	2.9	974.4
95,0°	3.5	3.5	3.3	3.0	2.8	2.5	2.3	2.0	2.0	2.0	2.0	2.7	977.1
97,5°	3.5	3.3	3.0	2.8	2.5	2.5	2.3	2.0	2.0	2.0	2.0	2.5	979.6
100,0°	3.3	3.0	2.8	2.8	2.5	2.3	2.0	2.0	2.0	1.8	1.5	2.4	982.0
102,5°	3.3	3.0	2.8	2.5	2.5	2.0	2.0	2.0	1.8	1.5	1.5	2.2	984.2
105,0°	3.0	2.8	2.5	2.5	2.3	2.0	2.0	1.8	1.8	1.5	1.5	2.0	986.2
107,5°	3.0	2.5	2.5	2.3	2.0	2.0	1.8	1.8	1.5	1.5	1.5	1.8	988.0
110,0°	2.8	2.5	2.5	2.3	2.0	2.0	1.8	1.5	1.5	1.5	1.5	1.7	989.7
112,5°	2.5	2.5	2.5	2.0	2.0	1.8	1.8	1.5	1.5	1.5	1.5	1.5	991.2

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235KF14H + 5XA54000XBXL</b> <b>EAN: 4058352833162 + 4058352415573</b>	<b>LP number</b> <b>59355_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												
115,0°	5.5	6.0	6.5	6.8	7.0	7.5	8.0	8.0	8.5	8.8	9.0	9.5	9.5
117,5°	5.3	5.8	6.0	6.3	6.5	6.8	7.0	7.5	7.8	8.0	8.0	8.5	8.5
120,0°	5.0	5.3	5.5	6.0	6.0	6.5	6.5	6.8	7.0	7.0	7.5	7.5	7.8
122,5°	4.5	5.0	5.3	5.5	5.5	5.8	6.0	6.0	6.3	6.5	6.5	6.5	7.0
125,0°	4.3	4.5	4.5	5.0	5.0	5.0	5.3	5.5	5.5	5.5	5.8	6.0	6.0
127,5°	3.8	3.8	4.0	4.0	4.3	4.3	4.5	4.5	4.5	4.5	4.8	4.8	4.8
130,0°	3.0	3.0	3.0	3.0	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
132,5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
135,0°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
137,5°	1.8	2.0	2.0	1.8	1.8	1.5	1.8	1.5	1.5	1.8	1.5	1.5	1.8
140,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
142,5°	1.5	1.5	1.5	1.0	1.3	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	1.0	1.0	1.0	1.0	1.0
147,5°	0.8	1.0	1.0	0.8	0.5	0.8	0.5	0.8	0.5	0.5	0.5	0.5	0.5
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: 5XA5235KF14H + 5XA54000XBXL</b> <b>EAN: 4058352833162 + 4058352415573</b>	<b>LP number</b> <b>59355_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°	9.5	10.0	10.0	10.0	10.0	10.0	5.0	4.5	4.0	3.5	3.5	3.0	3.0
117,5°	8.5	9.0	9.0	9.0	9.0	9.0	5.0	4.5	4.0	3.5	3.5	3.0	2.8
120,0°	8.0	8.0	8.0	8.0	8.0	8.0	4.5	4.3	4.0	3.5	3.3	3.0	2.8
122,5°	7.0	7.0	7.0	7.0	7.0	7.0	4.3	4.0	3.5	3.5	3.0	3.0	2.5
125,0°	6.0	6.0	6.0	6.0	6.0	6.0	4.0	3.8	3.5	3.0	3.0	3.0	2.5
127,5°	5.0	5.0	5.0	5.0	5.0	5.0	3.5	3.3	3.0	3.0	2.8	2.5	2.5
130,0°	3.5	3.5	3.5	3.5	3.5	3.5	3.0	2.5	2.5	2.5	2.5	2.0	2.0
132,5°	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0
135,0°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
137,5°	1.5	1.5	1.5	1.5	1.5	2.0	2.0	1.5	1.5	1.5	1.5	1.5	1.5
140,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
142,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.5	1.5	1.5	1.5	1.3
145,0°	0.8	1.0	0.8	0.8	0.8	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147,5°	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
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: 5XA5235KF14H + 5XA54000XBXL</b> <b>EAN: 4058352833162 + 4058352415573</b>	<b>LP number</b> <b>59355_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°	2.5	2.5	2.3	2.0	2.0	2.0	1.8	1.5	1.5	1.5	1.5	1.4	992.6
117,5°	2.5	2.5	2.3	2.0	2.0	2.0	1.8	1.8	1.5	1.5	1.5	1.3	993.9
120,0°	2.5	2.5	2.3	2.0	2.0	1.8	1.8	1.5	1.5	1.5	1.5	1.1	995.0
122,5°	2.5	2.5	2.0	2.0	2.0	1.8	1.5	1.5	1.5	1.5	1.5	1.0	996.0
125,0°	2.5	2.0	2.0	2.0	2.0	1.8	1.5	1.5	1.5	1.5	1.5	0.9	996.9
127,5°	2.5	2.0	2.0	2.0	1.8	1.5	1.5	1.5	1.5	1.5	1.5	0.7	997.6
130,0°	2.0	2.0	2.0	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.6	998.2
132,5°	2.0	2.0	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.4	998.6
135,0°	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.4	999.0
137,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.0	1.0	1.0	0.3	999.3
140,0°	1.5	1.5	1.3	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.5
142,5°	1.3	1.3	1.3	1.0	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: 5XA5235KF14H + 5XA54000XBXL</b> <b>EAN: 4058352833162 + 4058352415573</b>	<b>LP number</b> <b>59355_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	1510	10.0	10.4	10.2
95	241	252	1433	9.5	9.9	9.7
90	229	250	1361	9.0	9.3	9.2
85	216	248	1284	8.5	8.8	8.6
80	203	246	1207	8.0	8.3	8.2
75	190	243	1130	7.6	7.7	7.6
70	178	241	1058	7.1	7.3	7.2
65	165	238	981	6.6	6.8	6.7
60	152	235	904	6.1	6.4	6.2
55	140	232	832	5.7	5.9	5.8
50	127	229	755	5.3	5.5	5.4
45	114	225	678	4.8	5.0	4.9
40	102	221	606	4.4	4.6	4.5
35	89	216	529	4.0	4.1	4.0
30	76	210	452	3.6	3.7	3.6
30	75	209	446	3.5	3.7	3.6