
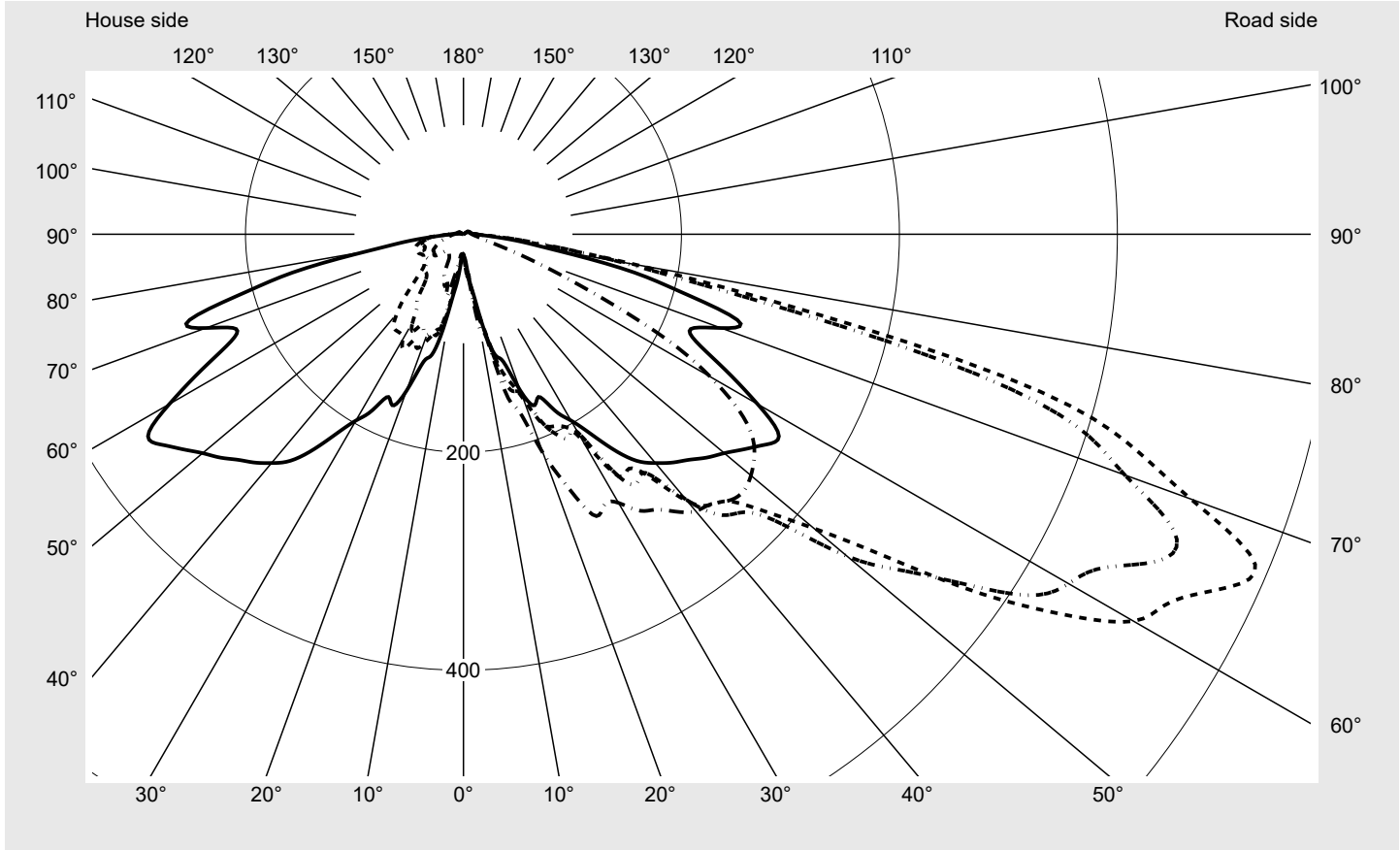


# Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235KF14HP</b> <b>EAN: 4058352833193</b>	<b>LP number</b> <b>58712_19</b>
	<b>Version</b> post-top- or mounting to wall arm <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 = 4990 lm Power consumption = 33.6 W Luminous efficacy = 148.5 lm/W	<b>serial documentation</b> <b>24.05.2022</b>



**Luminous intensity in cd/klm** C180-0 C205-25 C210-30 C270-90 **Imax: 785 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	97.8%
Eta 90° - 180°	2.2%

Luminous intensity class acc. to EN13201-2	
Class:	G1
Imax 70°	710.3
Imax 80°	170.3
Imax 90°	13.1
Imax >90°	9.4
Imax >95°	7.4

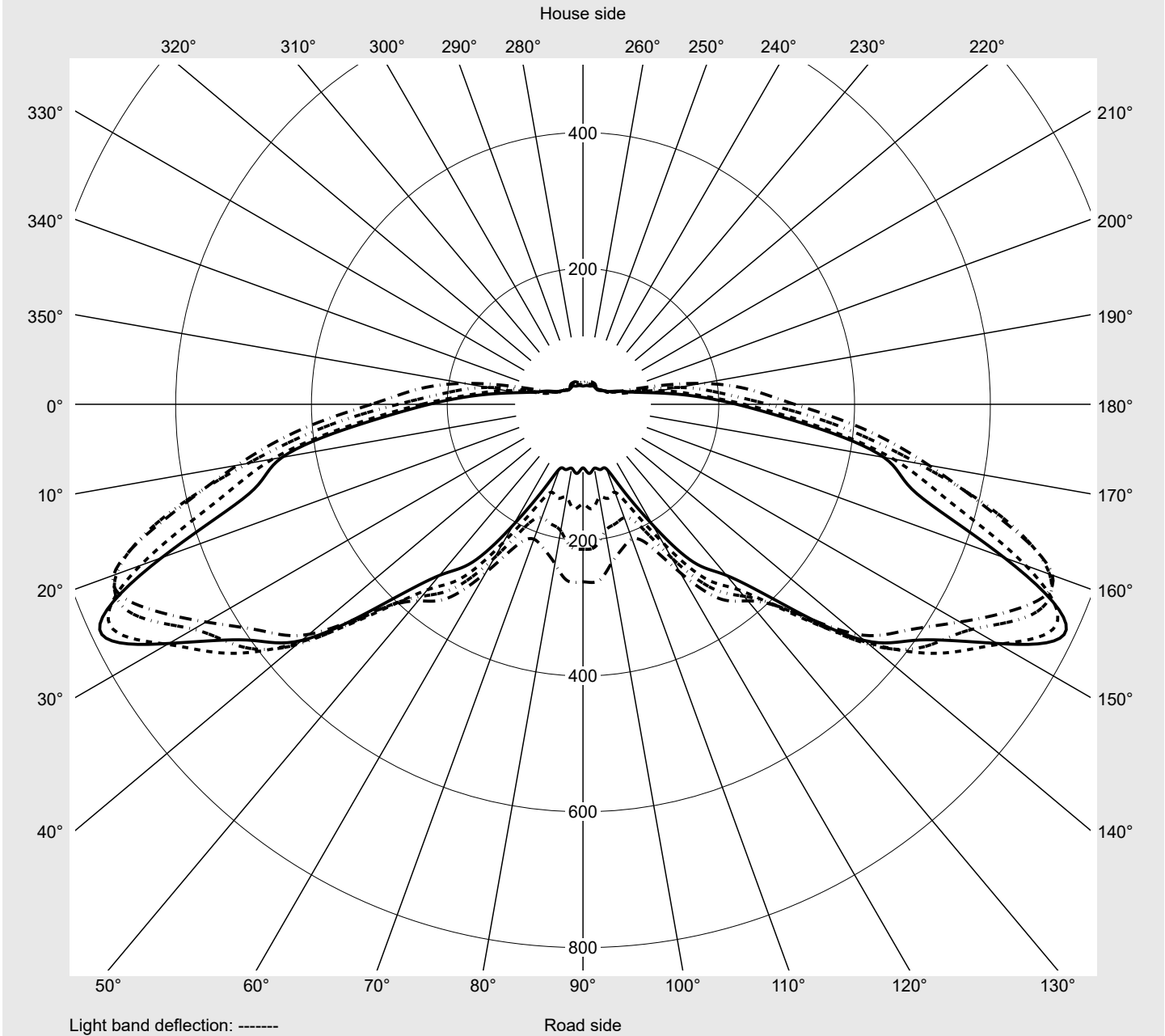
**Measurement conditions**  
DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235KF14HP</b> <b>EAN: 4058352833193</b>	<b>LP number</b> <b>58712_19</b>
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**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**



## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235KF14HP</b> <b>EAN: 4058352833193</b>	<b>LP number</b> <b>58712_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												
0,0°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
2,5°	21.5	22.1	22.0	22.5	23.0	22.5	23.7	22.8	24.0	22.8	24.3	23.0	24.0
5,0°	26.3	25.8	28.9	30.0	34.2	33.7	38.6	35.9	36.9	33.6	34.6	32.6	35.6
7,5°	44.0	43.6	46.1	45.1	47.0	42.3	39.3	38.8	41.8	41.6	47.5	46.3	51.3
10,0°	60.7	64.3	71.1	64.8	70.0	67.5	74.0	77.4	78.5	75.2	73.3	68.5	67.8
12,5°	94.1	93.1	94.5	92.5	93.0	91.4	92.5	78.7	80.5	84.7	98.7	98.8	106.5
15,0°	115.6	106.5	119.8	127.5	113.1	124.0	132.9	132.1	129.0	132.4	131.9	118.5	120.5
17,5°	123.3	117.5	130.0	136.6	146.0	142.1	151.0	134.9	138.8	146.1	155.9	150.3	154.2
20,0°	152.9	158.4	168.8	167.5	162.9	160.7	156.4	147.5	147.0	175.0	164.9	159.9	174.0
22,5°	170.0	166.3	181.1	183.9	189.8	187.3	185.1	159.9	159.9	158.9	169.8	181.9	195.5
25,0°	164.6	173.2	180.9	183.4	193.5	194.5	202.9	193.6	196.8	177.7	173.0	182.1	205.7
27,5°	182.9	193.6	198.8	196.2	203.0	198.8	209.7	220.6	223.8	206.7	193.0	189.1	213.4
30,0°	197.3	212.1	230.9	231.2	230.5	217.8	209.9	210.1	226.4	228.7	213.1	202.5	223.5
32,5°	217.0	206.2	211.8	224.5	241.0	262.3	261.3	234.7	247.3	259.6	252.9	232.9	247.2
35,0°	242.0	248.8	264.3	247.8	247.5	263.3	278.2	269.3	269.8	265.6	270.8	262.3	264.6
37,5°	262.3	272.5	282.6	284.6	285.9	280.2	276.4	277.5	292.3	285.8	278.5	292.0	298.0
40,0°	274.0	271.0	277.2	295.3	314.6	319.8	317.8	303.5	314.6	315.0	293.6	295.2	313.3
42,5°	284.1	275.0	290.3	298.2	318.3	336.6	349.3	332.7	326.0	346.0	329.9	308.1	322.8
45,0°	292.6	300.0	328.9	327.9	348.5	346.7	360.9	361.6	363.9	353.2	342.0	319.1	329.9
47,5°	303.2	324.5	381.9	376.2	393.3	377.0	390.1	388.1	401.7	382.9	367.0	343.0	337.8
50,0°	312.4	351.2	422.5	419.3	453.7	419.8	459.6	436.3	410.9	392.8	380.6	348.5	333.4
52,5°	324.2	364.4	451.5	465.6	510.8	482.6	506.4	488.4	436.6	401.9	384.8	358.9	329.7
55,0°	336.9	378.7	456.1	516.0	598.2	570.3	558.8	517.8	469.3	410.6	390.6	368.8	324.2
57,5°	343.1	403.4	488.1	583.4	681.9	647.7	616.5	548.5	495.8	424.2	387.8	365.1	309.9
60,0°	311.6	414.6	517.5	629.2	735.8	709.9	641.1	580.6	526.9	429.1	377.9	348.8	286.1
62,5°	272.5	381.7	501.0	637.6	731.4	731.1	662.5	619.8	550.4	430.7	369.0	330.2	261.1
65,0°	237.6	339.4	464.3	561.9	694.0	769.0	706.9	639.1	545.3	436.1	356.6	312.6	235.6
67,5°	226.4	326.2	450.0	509.4	660.4	785.4	704.2	605.1	541.0	415.8	328.9	283.7	204.7
70,0°	251.5	351.4	448.3	511.3	610.8	710.3	645.8	558.9	478.7	380.6	298.5	253.7	167.1
72,5°	264.8	366.0	418.3	496.0	591.0	640.5	592.8	501.4	386.1	322.7	244.1	206.4	135.7
75,0°	209.7	323.0	352.7	420.3	509.4	531.2	470.2	369.7	263.4	224.2	198.7	180.4	121.8
77,5°	157.6	216.1	234.6	292.0	310.4	313.4	260.6	206.9	163.3	150.3	153.5	157.4	103.5
80,0°	90.1	115.3	127.7	170.3	150.5	159.1	145.5	138.1	112.3	90.8	69.1	81.5	46.6
82,5°	55.4	62.8	67.1	90.6	71.8	69.1	79.0	95.6	73.5	54.5	32.2	25.2	15.6
85,0°	30.4	35.7	33.4	44.3	32.9	39.3	41.6	52.7	31.9	26.7	16.4	14.8	12.6
87,5°	16.6	18.3	17.8	19.6	18.8	18.1	16.6	18.3	17.1	14.8	11.9	11.1	10.2
90,0°	12.1	13.1	12.2	13.1	12.2	12.4	11.9	12.2	11.1	10.9	9.9	9.7	9.1
92,5°	9.1	9.2	9.2	9.4	9.2	9.4	9.1	9.2	9.1	9.1	8.7	8.9	8.4
95,0°	7.7	8.1	7.7	8.1	7.9	7.9	7.9	8.1	7.7	7.7	7.6	7.6	7.2
97,5°	6.9	7.0	7.0	7.0	7.0	7.4	7.0	7.2	7.0	7.2	7.2	7.2	6.9
100,0°	6.2	6.4	6.4	6.5	6.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5
102,5°	5.9	6.0	5.9	6.2	6.2	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5
105,0°	5.5	5.5	5.9	5.9	5.9	6.0	6.0	6.2	6.2	6.2	6.2	6.2	6.2
107,5°	5.4	5.4	5.5	5.5	5.5	5.7	5.9	5.9	5.9	6.0	6.0	6.0	6.0
110,0°	5.0	5.2	5.2	5.4	5.5	5.7	5.7	5.7	5.9	6.0	5.9	5.9	5.9
112,5°	4.9	4.9	5.2	5.2	5.2	5.4	5.5	5.7	5.7	5.7	5.7	5.9	5.9

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235KF14HP</b> <b>EAN: 4058352833193</b>	<b>LP number</b> <b>58712_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°
γ	Luminous intensity in cd/klm												
0,0°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
2,5°	22.7	23.5	22.7	23.2	22.7	23.2	21.8	20.8	21.0	20.6	21.0	20.0	20.1
5,0°	32.9	36.4	32.9	36.4	33.2	36.2	24.5	23.2	22.8	22.8	22.3	23.2	22.7
7,5°	50.0	51.5	51.3	53.7	53.0	50.0	45.5	43.0	44.6	38.6	36.6	31.2	30.2
10,0°	66.4	76.0	77.7	82.1	81.0	89.3	58.7	54.5	54.4	53.4	52.9	47.8	51.0
12,5°	103.7	108.4	98.3	98.5	97.5	97.0	90.3	85.7	94.8	88.6	84.4	77.4	76.2
15,0°	115.9	124.5	132.2	147.0	148.7	152.0	117.5	96.8	91.1	90.9	90.3	95.8	82.9
17,5°	162.8	171.2	170.0	172.7	161.9	170.5	123.7	118.8	108.1	102.7	98.0	94.1	92.6
20,0°	170.8	193.0	200.0	211.6	215.1	214.1	136.4	124.3	123.0	112.8	106.7	98.3	89.1
22,5°	205.5	221.5	236.1	248.2	248.0	252.0	153.5	142.0	135.1	126.2	112.8	95.3	82.7
25,0°	222.0	231.9	251.9	281.9	285.6	284.9	159.9	148.3	128.4	121.1	107.2	92.1	78.2
27,5°	229.5	235.4	255.4	273.8	277.4	279.9	174.7	151.9	124.0	114.4	118.8	100.2	70.8
30,0°	245.5	260.9	272.5	286.1	280.6	284.6	188.6	179.0	154.2	123.8	111.8	93.3	61.6
32,5°	267.6	280.2	287.3	298.0	298.3	300.7	202.9	169.5	148.0	125.5	107.7	78.9	51.0
35,0°	278.0	298.3	303.7	309.7	311.3	308.4	228.9	188.8	157.4	133.4	107.7	73.8	45.1
37,5°	294.6	311.9	315.1	320.3	323.0	320.8	245.1	205.4	162.3	139.1	105.4	61.6	43.3
40,0°	306.2	317.1	320.2	327.2	332.9	331.6	249.3	214.3	175.8	139.3	95.0	53.4	44.1
42,5°	319.0	319.6	326.9	334.4	336.8	335.9	274.3	224.3	174.5	138.9	82.2	50.0	46.3
45,0°	333.1	321.8	332.1	338.6	344.1	345.3	289.6	237.3	177.9	132.1	67.3	49.2	46.0
47,5°	333.6	318.8	336.3	342.5	349.9	348.7	300.5	245.7	180.4	121.3	56.2	48.7	44.0
50,0°	320.0	306.4	329.7	335.4	345.3	344.3	305.4	244.1	186.8	103.4	48.5	45.5	40.8
52,5°	301.7	287.9	315.6	325.2	337.3	336.3	306.7	242.3	182.4	84.1	45.3	42.1	38.4
55,0°	278.5	264.4	293.1	306.6	323.5	323.5	312.1	239.9	170.5	68.0	43.8	39.6	36.9
57,5°	252.5	240.1	262.4	278.2	297.3	299.0	296.0	217.8	137.1	56.7	42.8	39.9	37.1
60,0°	228.2	211.4	221.0	238.4	260.9	261.4	247.0	177.2	97.3	54.9	42.3	39.1	36.6
62,5°	197.0	177.7	182.4	189.3	210.2	213.4	199.7	142.5	70.3	52.7	41.6	37.9	35.6
65,0°	170.6	137.9	143.3	139.1	154.4	147.0	164.9	115.9	63.6	51.7	43.0	38.8	34.9
67,5°	139.8	101.3	99.5	95.6	102.2	93.6	154.0	98.7	70.5	57.1	44.6	38.9	34.9
70,0°	117.6	77.9	61.1	55.7	61.7	56.7	173.3	104.9	77.4	58.6	44.0	37.8	33.9
72,5°	90.9	61.6	38.8	32.6	33.6	32.2	166.1	104.4	72.2	54.2	44.5	37.3	33.6
75,0°	70.3	35.4	27.5	22.1	21.8	20.5	113.1	78.9	64.3	49.2	45.3	38.6	35.1
77,5°	50.8	22.1	19.5	16.8	16.4	15.8	88.6	64.8	56.0	47.2	43.0	38.6	36.7
80,0°	23.0	14.3	14.1	13.4	13.6	13.1	61.7	55.0	50.0	45.6	39.9	37.8	35.9
82,5°	13.1	11.2	11.1	10.7	11.1	10.7	42.3	41.8	40.9	37.8	35.7	33.9	32.9
85,0°	11.2	10.4	10.1	9.7	9.7	9.4	26.7	28.7	30.4	32.2	30.5	29.9	28.5
87,5°	9.9	9.4	9.1	8.7	8.6	8.4	15.3	16.6	17.1	19.1	19.1	18.6	18.1
90,0°	9.2	8.7	8.7	8.4	8.1	7.7	11.7	12.2	11.6	12.6	11.6	12.6	10.7
92,5°	8.6	8.2	8.4	7.9	7.7	7.7	8.9	8.9	8.6	8.7	8.2	8.4	8.1
95,0°	7.4	7.2	7.2	7.0	7.0	7.0	7.7	7.7	7.4	7.2	6.7	6.9	6.4
97,5°	7.0	6.9	7.0	6.9	6.9	6.7	6.9	6.7	6.4	6.4	6.0	5.9	5.5
100,0°	6.5	6.5	6.7	6.5	6.7	6.7	6.2	6.2	5.9	5.9	5.5	5.4	5.2
102,5°	6.5	6.5	6.5	6.4	6.5	6.4	5.7	5.5	5.5	5.4	5.2	4.9	4.7
105,0°	6.2	6.4	6.4	6.4	6.4	6.4	5.5	5.2	5.0	4.9	4.7	4.5	4.4
107,5°	6.2	6.2	6.2	6.0	6.0	6.0	5.2	5.0	4.9	4.7	4.5	4.4	4.2
110,0°	6.0	5.9	6.0	6.0	6.0	6.0	5.0	4.7	4.5	4.5	4.2	4.0	4.0
112,5°	5.9	5.7	5.7	5.7	5.9	5.7	4.7	4.5	4.4	4.2	4.2	4.0	3.7

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235KF14HP</b> <b>EAN: 4058352833193</b>	<b>LP number</b> <b>58712_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
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	0.0	0.0
2,5°	19.0	20.3	19.0	19.3	18.5	18.3	19.0	17.5	18.3	17.5	18.1	0.3	0.3
5,0°	22.3	22.0	21.1	20.8	20.1	20.3	19.5	20.0	19.3	20.1	19.1	0.7	0.9
7,5°	28.9	30.9	34.2	35.6	31.2	30.4	25.7	24.2	21.6	21.6	20.1	1.4	2.4
10,0°	45.6	42.3	42.8	47.3	43.3	34.4	29.5	31.0	31.2	33.1	31.5	2.8	5.1
12,5°	70.1	65.6	61.4	62.6	53.9	48.2	43.5	47.0	45.5	46.5	42.3	4.8	10.0
15,0°	74.0	66.6	59.4	56.2	55.7	55.2	51.5	53.4	58.7	58.7	59.4	7.2	17.1
17,5°	87.4	77.9	67.0	64.3	58.2	53.4	48.7	47.5	51.7	50.2	48.3	9.4	26.5
20,0°	87.3	68.0	58.2	52.9	55.4	54.0	49.8	44.1	47.3	48.0	50.3	11.9	38.5
22,5°	68.5	54.2	49.7	48.0	47.0	44.3	44.0	40.3	43.6	45.6	44.6	14.4	52.8
25,0°	60.2	44.5	39.4	38.1	38.4	37.4	40.6	38.4	39.8	40.9	41.6	16.4	69.3
27,5°	52.2	38.8	36.1	34.7	34.1	33.1	34.9	32.6	32.2	33.2	34.2	18.5	87.8
30,0°	44.5	37.6	34.6	33.1	31.5	30.0	30.2	27.7	26.5	27.2	26.8	21.2	109.0
32,5°	40.3	37.1	34.1	32.4	31.0	29.0	28.0	26.0	24.5	25.0	24.2	24.1	133.1
35,0°	38.6	35.7	33.7	31.5	29.7	27.5	26.7	25.0	23.5	23.7	22.8	27.5	160.6
37,5°	39.6	35.6	32.2	30.2	29.0	27.2	25.8	24.5	22.3	23.0	21.8	30.9	191.4
40,0°	40.1	36.9	32.6	29.9	28.0	26.5	25.0	24.3	22.1	22.7	21.5	34.0	225.4
42,5°	41.1	36.6	32.6	30.2	28.4	26.5	24.8	24.0	22.0	22.3	21.1	37.1	262.5
45,0°	41.1	36.2	32.7	30.9	29.4	28.0	25.8	24.8	22.1	22.3	20.8	40.5	303.0
47,5°	39.6	34.7	32.4	32.0	31.4	30.7	29.0	28.2	25.2	25.8	23.2	44.6	347.6
50,0°	37.1	33.1	31.5	32.0	33.1	33.2	31.9	31.9	30.2	30.5	28.2	48.2	395.8
52,5°	35.2	31.9	30.5	31.9	33.9	34.6	34.1	33.7	33.2	33.9	32.2	51.5	447.3
55,0°	34.4	32.2	31.2	32.4	34.2	35.1	35.1	34.2	33.2	34.1	32.9	54.8	502.2
57,5°	34.6	31.9	31.5	33.1	34.7	35.6	35.6	34.1	32.7	33.2	31.9	57.5	559.7
60,0°	33.9	31.2	30.9	32.9	34.9	35.2	35.2	33.7	32.6	32.7	31.5	58.3	618.0
62,5°	33.4	30.7	30.2	31.7	33.9	34.1	34.1	32.7	32.2	32.2	31.2	57.2	675.2
65,0°	32.2	29.9	29.7	30.2	32.0	31.9	31.5	30.4	29.7	29.0	28.9	54.9	730.0
67,5°	31.9	30.0	30.0	30.4	30.9	29.7	28.5	28.4	28.0	27.4	26.8	52.3	782.3
70,0°	31.9	30.0	29.9	29.5	28.7	26.8	25.0	25.0	25.5	24.5	24.2	49.3	831.6
72,5°	31.5	30.5	30.9	29.5	27.2	24.0	22.0	22.3	23.2	22.1	21.8	45.2	876.8
75,0°	32.0	31.9	31.0	28.5	25.7	21.6	19.5	19.5	20.5	20.1	19.1	37.1	913.9
77,5°	33.7	32.0	30.0	28.0	24.2	19.5	17.1	17.3	18.0	17.8	16.8	25.8	939.8
80,0°	34.7	31.2	28.5	26.0	21.8	17.6	15.1	15.3	15.8	15.6	14.4	16.0	955.8
82,5°	34.1	30.0	27.4	23.2	19.6	15.4	13.6	13.6	13.9	13.9	12.4	10.1	965.8
85,0°	29.4	25.7	23.3	18.6	16.3	13.1	12.2	12.2	12.6	12.4	11.1	6.5	972.3
87,5°	20.1	18.6	17.1	14.6	13.1	11.6	11.1	11.1	11.1	11.1	9.7	4.0	976.4
90,0°	11.9	10.1	11.1	9.6	10.1	9.6	9.7	9.4	9.6	9.2	8.4	2.9	979.3
92,5°	8.1	7.9	8.1	7.7	7.7	7.6	7.7	7.4	7.4	7.4	6.7	2.3	981.6
95,0°	6.4	6.0	6.2	5.9	5.9	5.5	5.9	5.5	5.5	5.2	4.7	1.9	983.5
97,5°	5.5	5.2	5.2	5.2	4.9	4.9	4.9	4.5	4.7	4.4	4.0	1.7	985.2
100,0°	4.9	4.9	4.5	4.5	4.4	4.2	4.2	4.0	4.0	3.9	3.7	1.6	986.7
102,5°	4.5	4.4	4.2	4.0	3.9	3.9	3.9	3.7	3.7	3.7	3.4	1.5	988.2
105,0°	4.4	4.0	4.0	3.7	3.7	3.5	3.5	3.4	3.4	3.4	3.4	1.4	989.6
107,5°	4.0	3.9	3.7	3.5	3.5	3.4	3.4	3.4	3.4	3.2	3.0	1.3	990.9
110,0°	3.9	3.7	3.4	3.4	3.4	3.2	3.2	3.2	3.0	3.0	3.0	1.2	992.1
112,5°	3.5	3.4	3.4	3.2	3.2	3.0	3.0	3.0	3.0	3.0	3.0	1.2	993.3

**Photometric test report**

<b>Family</b> MUSHROOM LUMINAIRE LED	<b>Order number: 5XA5235KF14HP</b> <b>EAN: 4058352833193</b>	<b>LP number</b> 58712_19
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**Table of values for luminous intensities** Maximum luminous intensity

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°	4.5	4.7	4.9	5.0	5.0	5.2	5.4	5.5	5.5	5.7	5.7	5.7	5.5
117,5°	4.4	4.5	4.7	4.9	4.7	5.0	5.2	5.5	5.5	5.5	5.5	5.7	5.5
120,0°	4.0	4.2	4.4	4.4	4.7	4.7	4.9	5.2	5.4	5.4	5.2	5.4	5.4
122,5°	3.5	3.9	3.9	4.2	4.2	4.5	4.7	5.0	5.2	5.2	5.0	5.2	5.0
125,0°	3.0	3.2	3.4	3.7	3.5	3.9	4.2	4.4	4.5	4.5	4.4	4.5	4.5
127,5°	2.2	2.5	2.5	2.9	2.9	3.0	3.2	3.5	3.5	3.7	3.5	3.4	3.4
130,0°	1.5	1.7	1.7	2.0	2.2	2.3	2.5	2.7	2.7	2.7	2.5	2.7	2.3
132,5°	1.0	1.3	1.3	1.7	1.5	1.8	1.8	2.2	2.3	2.2	2.0	2.0	1.8
135,0°	0.8	1.0	1.0	1.3	1.2	1.5	1.5	1.8	2.0	2.0	1.8	1.7	1.5
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
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
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: 5XA5235KF14HP</b> <b>EAN: 4058352833193</b>	<b>LP number</b> <b>58712_19</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°	5.5	5.5	5.5	5.7	5.7	5.7	4.4	4.2	4.0	4.0	3.7	3.7	3.4
117,5°	5.5	5.4	5.5	5.4	5.4	5.4	4.2	4.0	3.9	3.7	3.4	3.4	3.2
120,0°	5.2	5.2	5.4	5.2	5.4	5.0	3.9	3.7	3.4	3.4	3.2	3.0	3.0
122,5°	5.0	4.9	4.7	4.7	4.7	4.7	3.5	3.4	3.0	3.0	2.9	2.7	2.7
125,0°	4.4	4.2	4.2	4.0	4.0	4.0	2.9	2.7	2.7	2.5	2.5	2.3	2.2
127,5°	3.4	3.0	3.2	2.9	3.0	3.0	2.0	2.0	2.0	1.8	1.8	1.8	1.5
130,0°	2.3	2.0	2.2	1.8	2.0	2.0	1.3	1.5	1.3	1.3	1.3	1.3	1.0
132,5°	1.7	1.7	1.5	1.5	1.5	1.3	1.2	1.0	1.0	1.0	0.8	0.8	0.8
135,0°	1.5	1.3	1.2	1.2	1.0	1.0	0.8	0.8	0.8	0.8	0.7	0.8	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
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
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

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°	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	3.0	3.0	1.1	994.3
117,5°	3.0	3.0	3.0	2.9	3.0	3.0	3.0	2.9	2.9	3.0	3.0	1.0	995.4
120,0°	2.9	2.7	2.7	2.7	2.9	2.7	2.9	2.9	3.0	3.2	3.4	1.0	996.3
122,5°	2.7	2.5	2.5	2.3	2.5	2.7	2.9	2.9	3.0	3.2	3.4	0.9	997.2
125,0°	2.0	2.0	2.0	2.0	2.2	2.3	2.5	2.5	2.9	3.0	3.0	0.7	998.0
127,5°	1.5	1.5	1.5	1.5	1.7	1.7	2.0	2.2	2.5	2.7	2.7	0.5	998.5
130,0°	1.0	1.0	1.0	1.2	1.3	1.5	1.7	2.0	2.2	2.5	2.7	0.4	998.9
132,5°	0.8	0.8	1.0	1.0	1.2	1.2	1.7	1.8	2.2	2.5	2.3	0.3	999.2
135,0°	0.7	0.7	0.8	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.3	0.8	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
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
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: 5XA5235KF14HP</b> <b>EAN: 4058352833193</b>	<b>LP number</b> <b>58712_19</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	4990	33.6	35.9	34.8
95	241	252	4735	31.4	33.5	32.4
90	229	250	4499	29.4	31.4	30.4
85	216	248	4243	27.4	29.2	28.3
80	203	246	3988	25.5	27.1	26.3
75	190	243	3733	23.6	25.2	24.4
70	178	241	3497	21.9	23.3	22.6
65	165	238	3242	20.2	21.5	20.8
60	152	235	2986	18.5	19.6	19.0
55	140	232	2750	16.9	18.0	17.4
50	127	229	2495	15.3	16.2	15.8
45	114	225	2240	13.7	14.5	14.1
40	102	221	2004	12.3	13.0	12.6
35	89	216	1748	10.8	11.4	11.1
30	76	210	1493	9.3	9.8	9.6
25	63	203	1238	7.8	8.2	8.0
20	51	195	1002	6.6	6.9	6.8
15	38	184	747	5.2	5.5	5.4
11	28	173	550	4.1	4.4	4.2