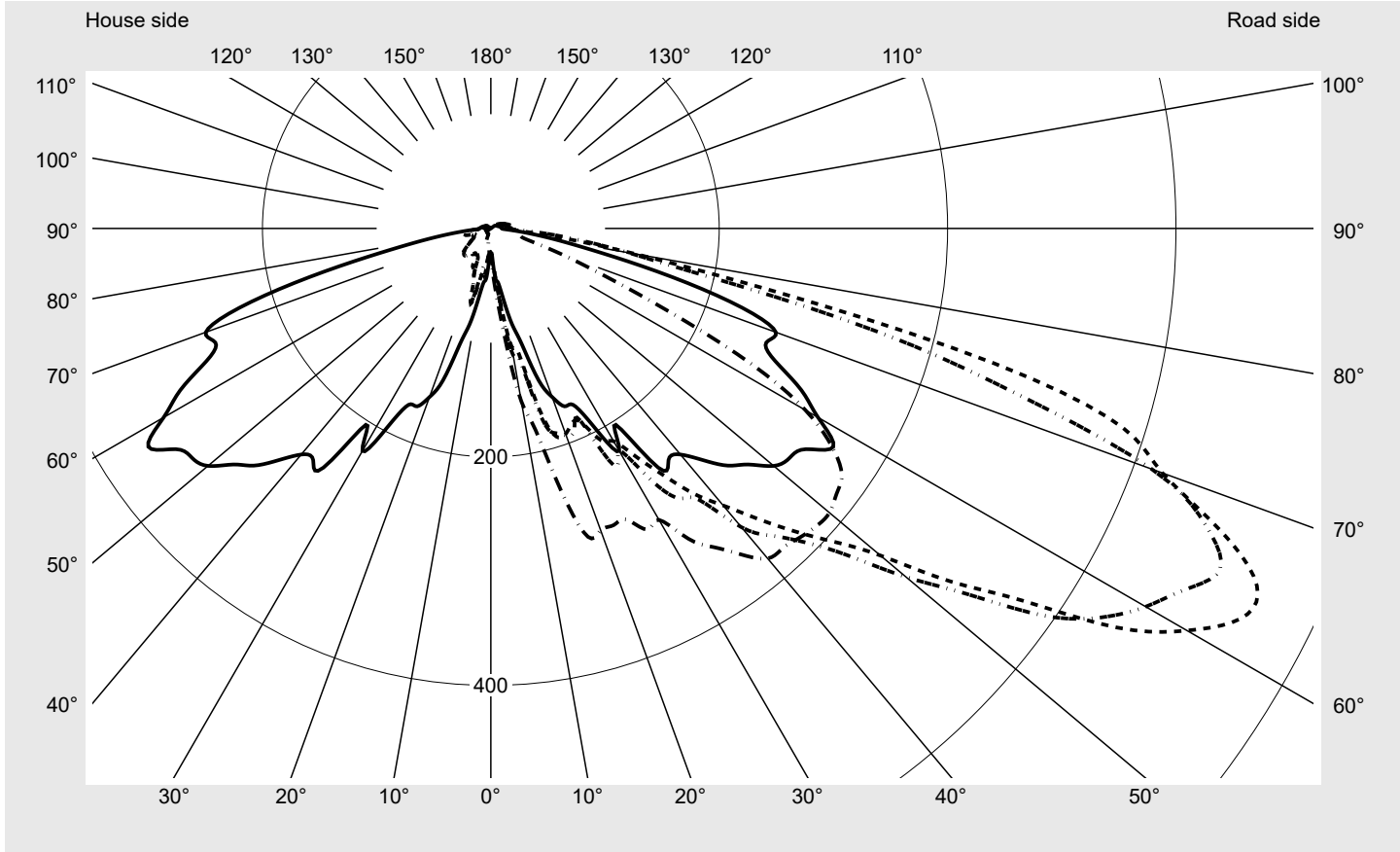


Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
Version	post-top- or mounting to wall arm, shielding on building side	serial documentation 04.11.2022
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 = 1390 lm Power consumption = 11.8 W Luminous efficacy = 117.8 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

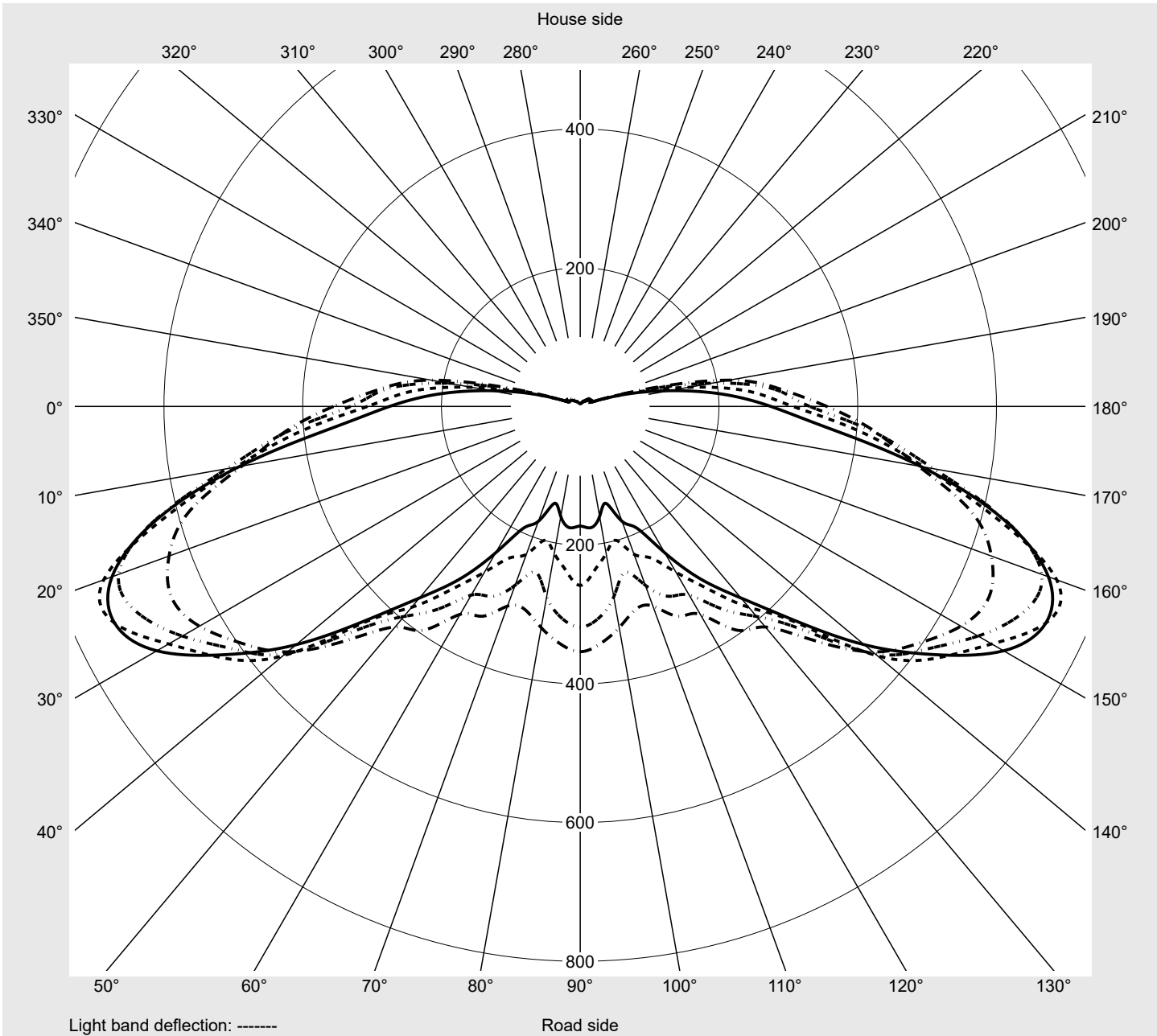
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
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Envelope curve in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
Table of values for luminous intensities		Maximum luminous intensity
siteco		

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°	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

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
Table of values for luminous intensities		Maximum luminous intensity
siteco		

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

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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°	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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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	
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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54000XBXL EAN: 4058352831878 + 4058352415573	LP number 59355_3
Dimming levels table		environmental temperature: 25°C
siteco		

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	1390	11.8	12.1	12.0
95	241	252	1319	11.1	11.4	11.2
90	229	250	1253	10.6	10.8	10.7
85	216	248	1182	9.9	10.2	10.0
80	203	246	1111	9.3	9.6	9.4
75	190	243	1040	8.7	9.0	8.8
70	178	241	974	8.2	8.4	8.3
65	165	238	903	7.6	7.7	7.6
60	152	235	832	7.0	7.2	7.1
55	140	232	766	6.5	6.6	6.6
50	127	229	695	6.0	6.1	6.0
45	114	225	624	5.4	5.6	5.5
40	102	221	558	5.0	5.1	5.0
35	89	216	487	4.5	4.6	4.6
30	76	210	416	4.0	4.0	4.0
26	65	204	356	3.5	3.6	3.6