
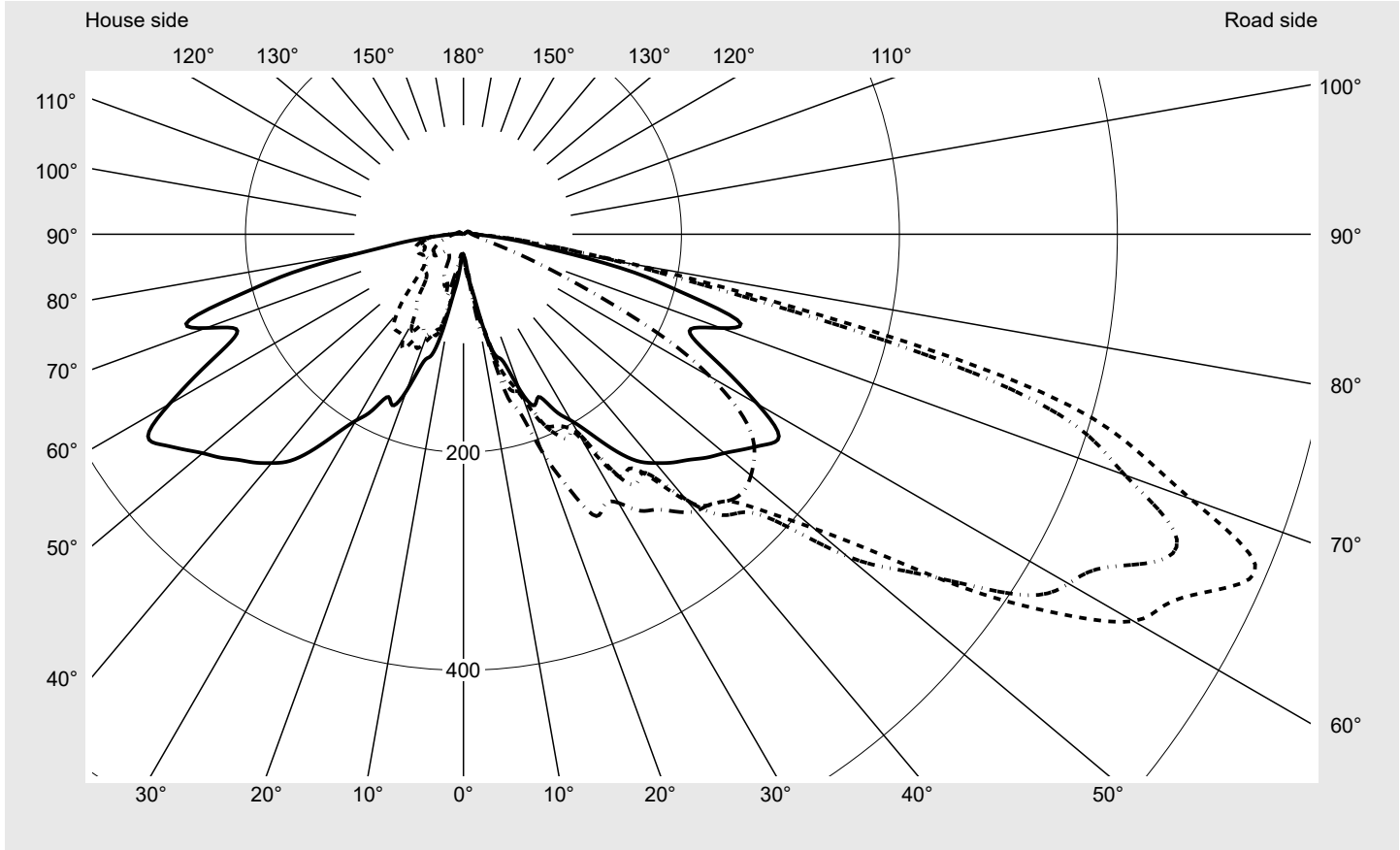


Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14HP EAN: 4058352831892	LP number 58712_17
	Version post-top- or mounting to wall arm 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 = 3950 lm Power consumption = 33.6 W Luminous efficacy = 117.6 lm/W	serial documentation 24.05.2022



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

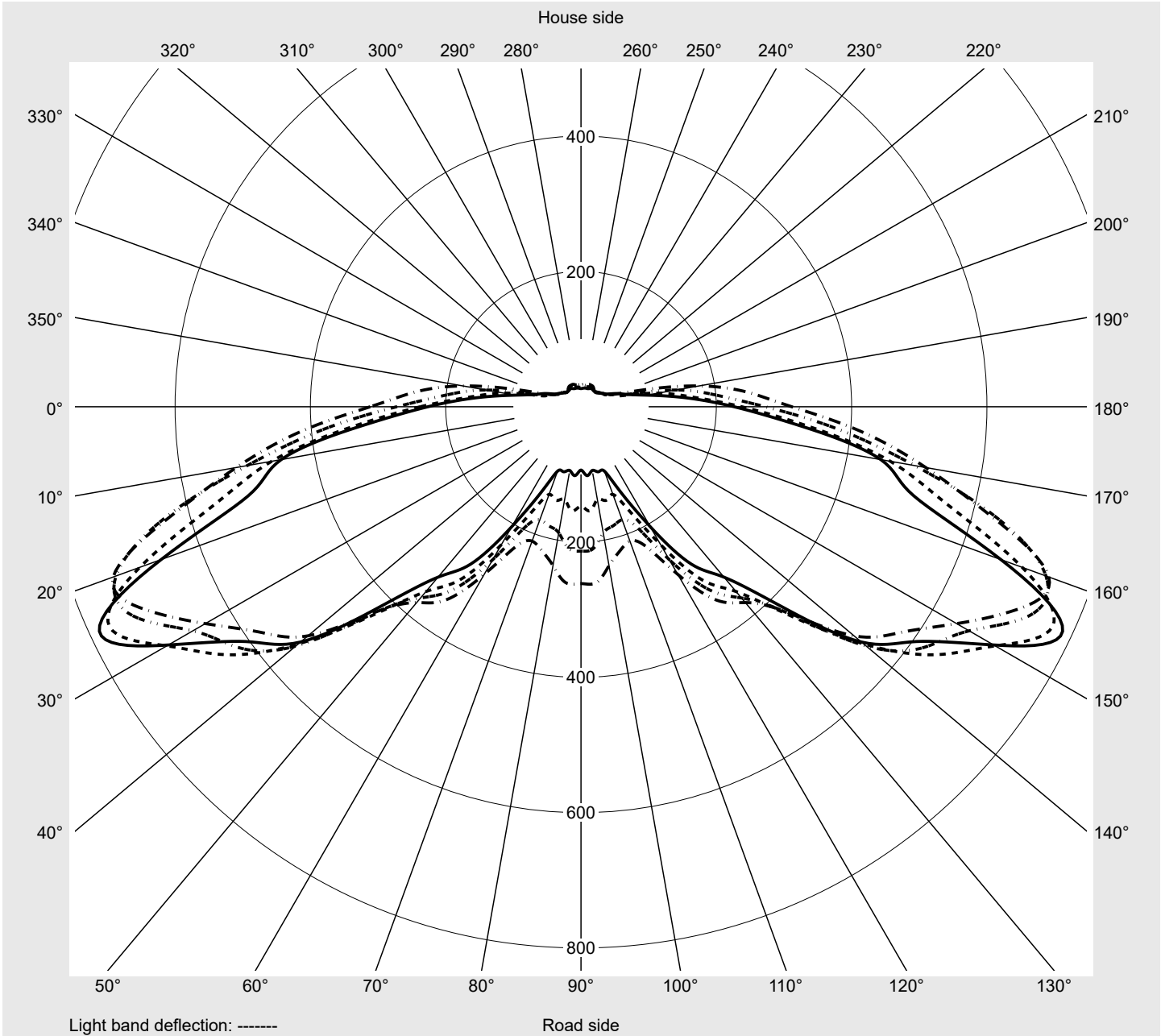
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14HP EAN: 4058352831892	LP number 58712_17
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14HP EAN: 4058352831892	LP number 58712_17
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°	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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14HP EAN: 4058352831892	LP number 58712_17
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°	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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14HP EAN: 4058352831892	LP number 58712_17
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°	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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14HP EAN: 4058352831892	LP number 58712_17
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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°	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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14HP EAN: 4058352831892	LP number 58712_17
		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°	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
γ	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

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14HP EAN: 4058352831892	LP number 58712_17
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Dimming levels table	environmental temperature: 25°C	siteco
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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	3950	33.6	35.9	34.8
95	241	252	3748	31.3	33.5	32.4
90	229	250	3561	29.4	31.4	30.4
85	216	248	3359	27.3	29.2	28.2
80	203	246	3157	25.4	27.1	26.2
75	190	243	2955	23.5	25.1	24.3
70	178	241	2768	21.9	23.3	22.6
65	165	238	2566	20.1	21.4	20.8
60	152	235	2364	18.4	19.5	19.0
55	140	232	2177	16.8	17.9	17.4
50	127	229	1975	15.2	16.2	15.7
45	114	225	1773	13.6	14.5	14.0
40	102	221	1586	12.2	13.0	12.6
35	89	216	1384	10.7	11.3	11.0
30	76	210	1182	9.2	9.7	9.4
25	63	203	980	7.8	8.2	8.0
20	51	195	793	6.6	6.9	6.8
15	38	184	591	5.2	5.4	5.3
11	28	173	435	4.1	4.3	4.2