



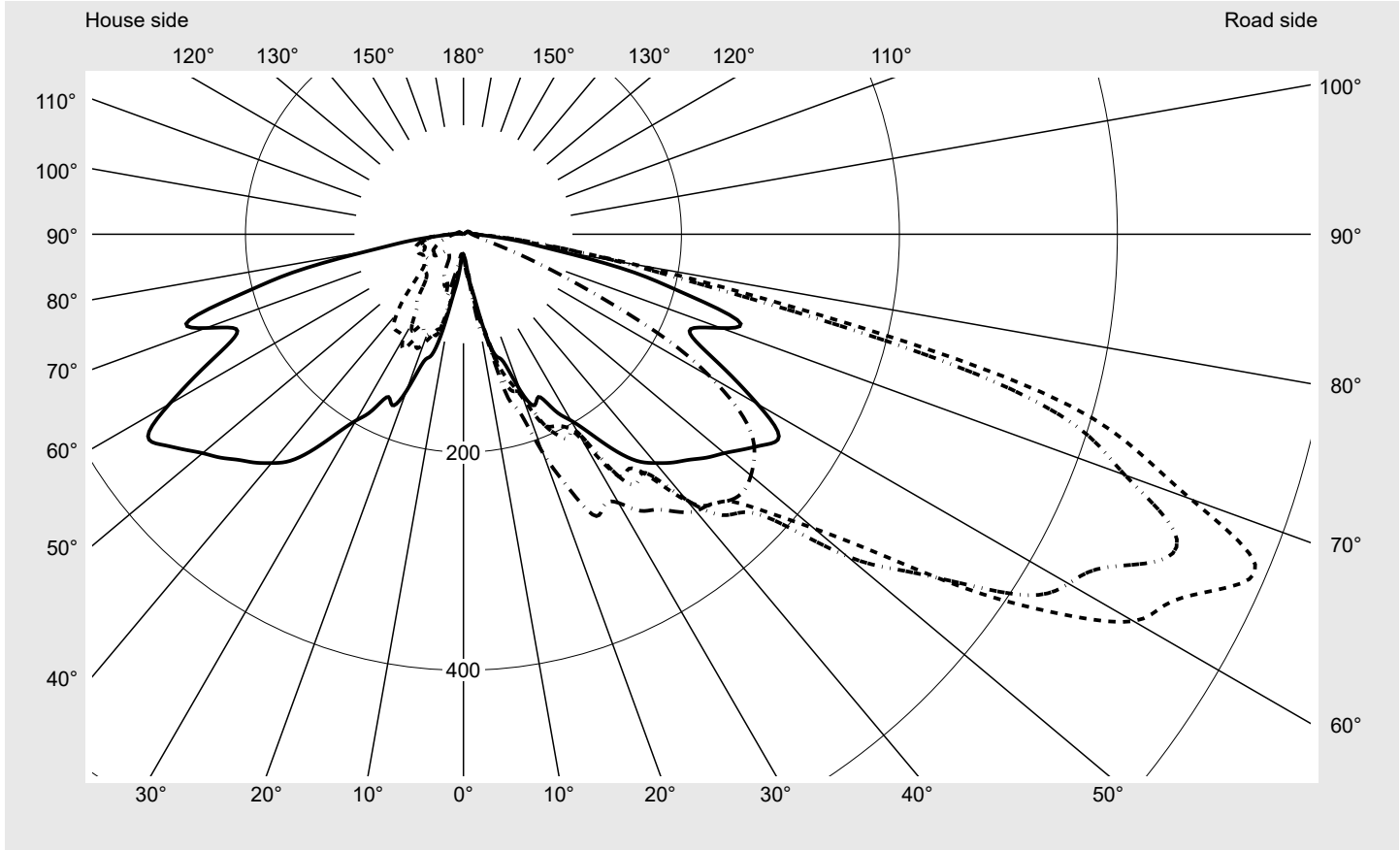
Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235MF14HP EAN: 4058352833261	LP number 58712_24
	Version post-top- or mounting to wall arm 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 = 4280 lm Power consumption = 33.6 W Luminous efficacy = 127.4 lm/W	serial documentation 04.11.2022





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

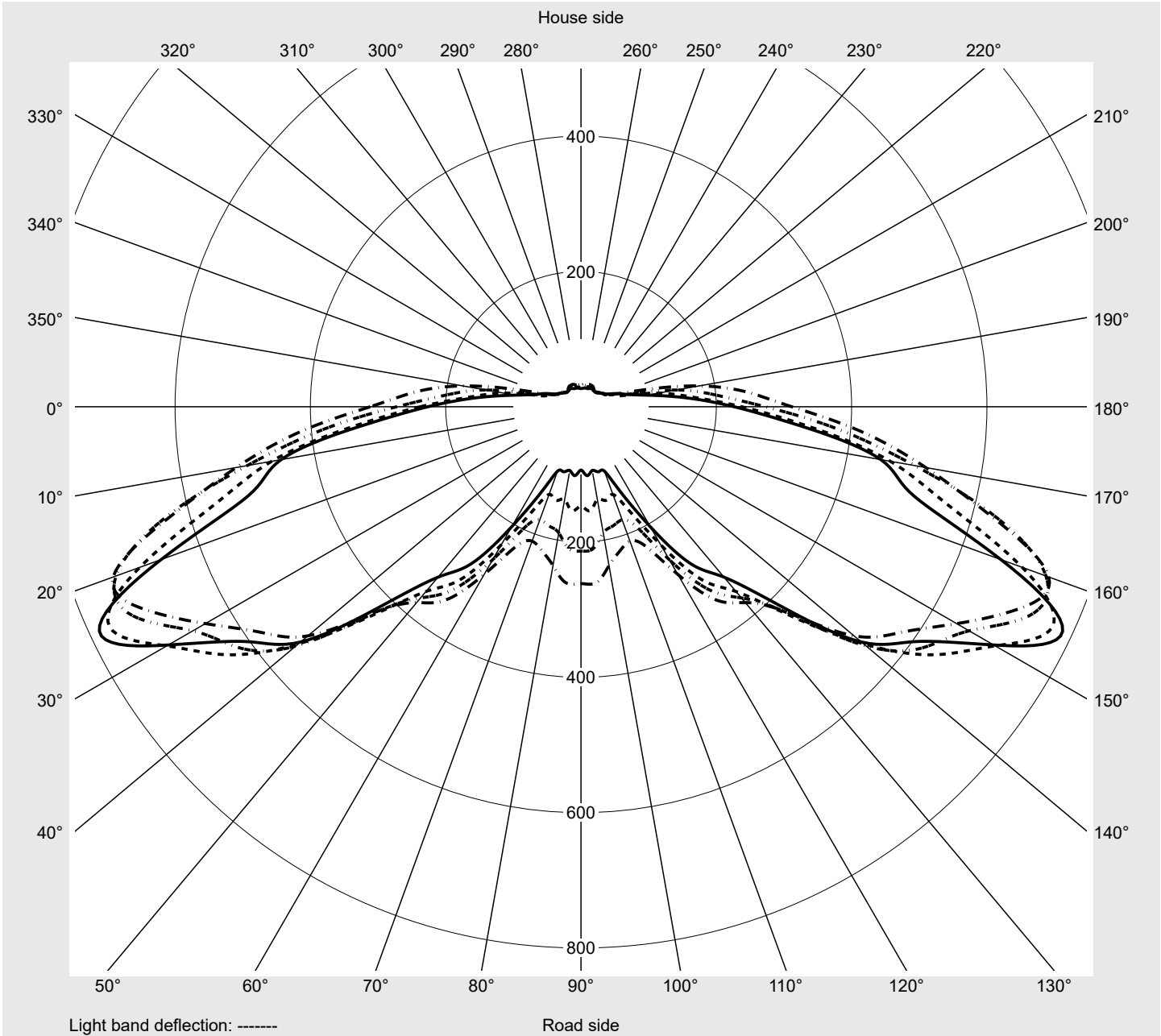
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235MF14HP EAN: 4058352833261	LP number 58712_24
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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: 5XA5235MF14HP EAN: 4058352833261	LP number 58712_24
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: 5XA5235MF14HP EAN: 4058352833261	LP number 58712_24
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: 5XA5235MF14HP EAN: 4058352833261	LP number 58712_24
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: 5XA5235MF14HP EAN: 4058352833261	LP number 58712_24
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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: 5XA5235MF14HP EAN: 4058352833261	LP number 58712_24
		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: 5XA5235MF14HP EAN: 4058352833261	LP number 58712_24
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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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	4280	33.6	35.9	34.8
95	241	252	4061	31.3	33.5	32.4
90	229	250	3859	29.4	31.4	30.4
85	216	248	3640	27.3	29.2	28.2
80	203	246	3421	25.4	27.1	26.2
75	190	243	3202	23.5	25.1	24.3
70	178	241	2999	21.9	23.3	22.6
65	165	238	2780	20.1	21.4	20.8
60	152	235	2561	18.4	19.5	19.0
55	140	232	2359	16.8	17.9	17.4
50	127	229	2140	15.2	16.2	15.7
45	114	225	1921	13.6	14.5	14.0
40	102	221	1719	12.2	13.0	12.6
35	89	216	1500	10.7	11.3	11.0
30	76	210	1281	9.2	9.7	9.4
25	63	203	1062	7.8	8.2	8.0
20	51	195	859	6.6	6.9	6.8
15	38	184	640	5.2	5.5	5.4
11	28	173	472	4.1	4.4	4.2