

Photometric test report

Family
MUSHROOM LUMINAIRE LED

Order number: **5XA5235LF14H**
EAN: **4058352833209**

LP number
57118_32



Version post-top- or mounting to wall arm
Optic asymmetric, extremely wide distribution (P1.0a)
Cover cover transparent, PMMA
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1530 lm
Power consumption = 10.0 W
Luminous efficacy = 153 lm/W

serial
documentation
07.07.2022

siteco

Luminous intensity in cd/klm

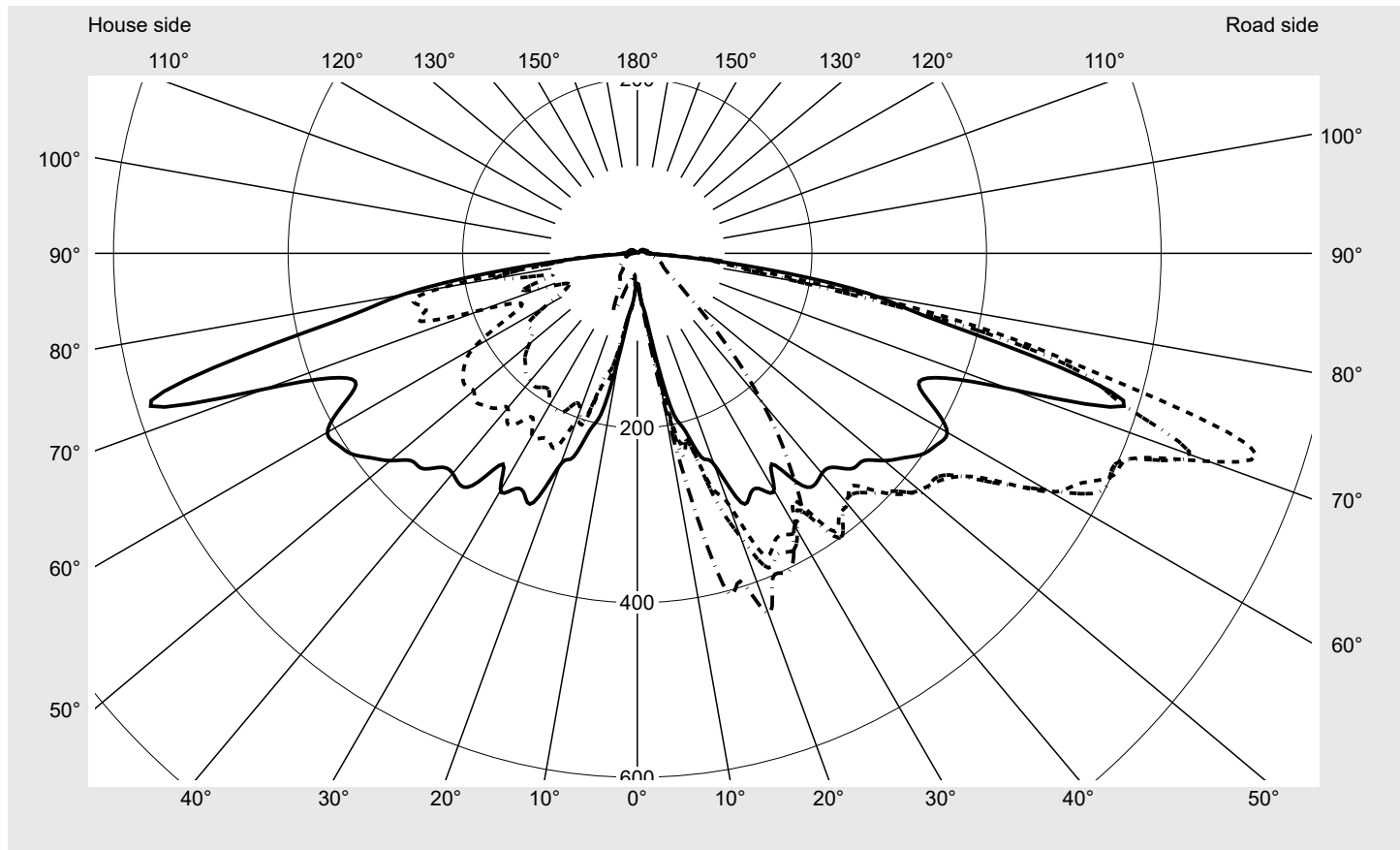
C180-0

C190-10

C195-15

C270-90

Imax: 737 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	96.3%
Eta 90° - 180°	3.7%

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	696.3
Imax 80°	376.1
Imax 90°	21.8
Imax >90°	15.6
Imax >95°	12.7

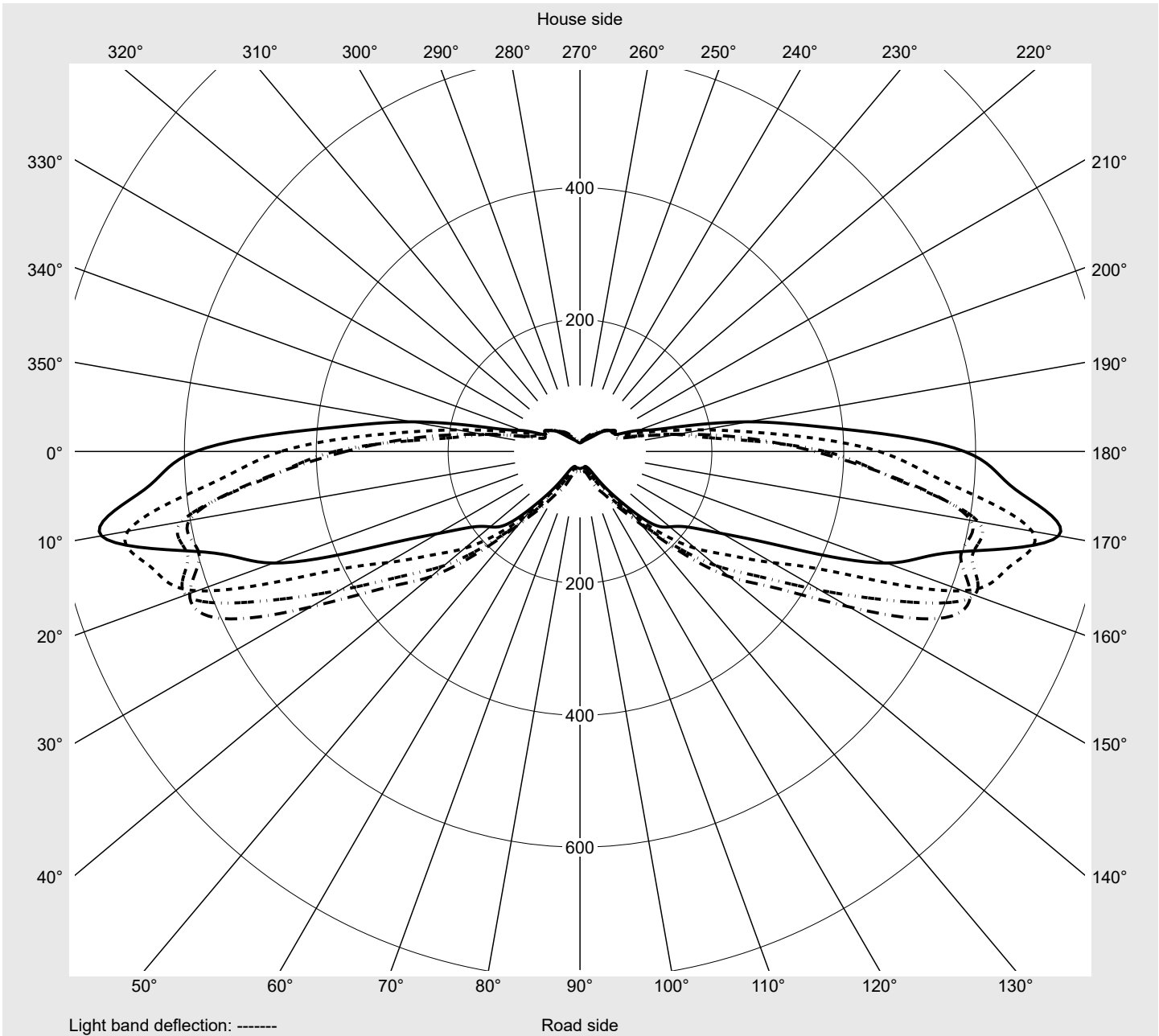
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235LF14H EAN: 4058352833209	LP number 57118_32
--	--	-------------------------------------

Envelope curve in cd/klm **KMK 72.5°** **KMK 70°** **KMK 67.5°** **KMK 65°** **siteco**



Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235LF14H EAN: 4058352833209	LP number 57118_32
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°	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
2,5°	38.0	38.4	38.4	38.7	39.0	39.7	40.0	40.0	40.6	41.3	41.6	41.6	41.9
5,0°	56.2	56.9	57.9	58.8	59.8	61.1	62.4	64.4	65.3	67.3	67.3	66.3	65.3
7,5°	70.2	72.5	74.8	79.0	84.8	93.0	93.3	90.7	91.3	89.1	89.1	90.7	93.3
10,0°	116.7	131.0	138.8	142.4	142.1	148.2	154.1	159.0	166.1	168.1	169.7	161.9	158.0
12,5°	185.0	192.8	221.1	236.3	232.4	220.7	229.5	233.7	229.5	241.2	262.7	271.8	283.5
15,0°	209.4	215.5	219.4	222.0	240.2	250.0	296.5	296.5	301.7	298.8	323.8	331.6	342.3
17,5°	245.1	269.8	278.6	292.2	307.2	328.7	348.2	380.7	368.6	388.8	407.3	423.9	428.1
20,0°	257.1	284.1	305.3	345.2	368.3	394.0	413.2	429.4	438.9	426.5	423.9	418.1	432.4
22,5°	307.5	347.8	370.6	389.4	389.1	390.4	398.9	415.8	422.6	443.1	434.3	432.4	432.0
25,0°	305.3	335.5	368.3	380.0	386.5	387.5	393.7	392.7	402.5	407.7	412.2	402.1	408.3
27,5°	304.0	337.4	362.8	384.2	392.1	394.3	399.5	391.7	394.7	407.3	411.2	402.8	397.9
30,0°	313.4	343.9	362.8	366.0	384.2	387.8	393.4	382.0	388.5	380.7	380.0	377.7	374.8
32,5°	286.4	319.6	335.2	348.8	354.7	354.0	367.3	371.2	379.4	376.8	371.2	355.3	336.5
35,0°	321.2	349.1	387.5	396.6	402.5	388.8	386.8	383.9	380.0	361.5	340.7	322.5	302.0
37,5°	333.9	350.8	379.4	386.5	389.4	382.9	385.2	380.0	369.6	345.6	326.7	286.4	267.5
40,0°	329.0	347.8	374.8	370.9	382.6	380.3	375.8	372.2	352.1	327.0	292.2	259.1	236.7
42,5°	332.2	353.0	361.8	371.9	382.6	383.6	369.3	363.8	339.1	301.4	266.2	228.9	210.0
45,0°	348.5	362.1	384.2	388.1	399.9	387.2	366.0	355.0	321.8	286.4	243.2	200.6	181.4
47,5°	351.4	381.6	408.3	403.1	409.0	388.1	360.5	347.2	308.5	262.3	218.1	182.0	163.2
50,0°	369.3	396.0	422.0	425.9	422.0	406.7	378.1	348.2	303.6	239.3	190.2	164.5	150.2
52,5°	384.6	406.0	430.7	426.8	433.0	426.2	391.7	351.7	291.3	224.6	174.2	148.9	135.2
55,0°	400.2	433.3	446.0	443.1	435.0	425.9	399.5	345.9	286.1	211.6	162.2	137.5	120.6
57,5°	407.3	456.4	483.1	490.5	452.8	428.8	406.7	348.5	289.0	212.9	155.4	125.2	103.7
60,0°	409.9	488.9	546.5	542.2	498.0	469.1	422.3	355.0	289.0	217.8	154.7	118.7	91.3
62,5°	383.3	509.1	570.8	593.6	572.1	546.5	470.1	365.1	294.9	223.3	147.9	113.5	85.2
65,0°	355.6	486.3	601.7	598.2	630.0	599.5	471.4	360.2	295.2	214.9	144.7	105.3	76.4
67,5°	372.2	480.8	613.4	615.7	636.5	538.0	421.0	330.0	269.5	200.9	139.5	93.6	61.1
70,0°	453.8	562.4	696.3	674.5	618.0	436.9	337.1	273.7	228.5	176.8	124.8	77.0	40.3
72,5°	583.2	663.2	737.0	589.4	494.8	341.3	249.0	199.9	177.8	155.4	105.7	66.0	36.7
75,0°	496.4	552.3	570.5	526.6	397.6	234.4	162.2	134.6	129.7	110.5	77.4	45.8	31.5
77,5°	346.2	464.2	421.3	381.6	248.4	164.5	125.8	104.0	88.7	66.3	41.0	27.6	21.8
80,0°	273.7	376.1	239.6	187.6	146.9	114.4	87.8	76.4	52.0	38.4	28.0	21.8	18.9
82,5°	170.0	124.5	113.5	109.9	110.2	87.4	71.8	50.4	32.2	23.7	20.8	17.9	17.6
85,0°	71.5	60.5	76.4	94.3	88.4	57.9	45.2	33.8	24.1	19.2	16.9	16.9	16.6
87,5°	17.6	17.2	17.9	17.6	17.2	16.9	16.3	16.3	16.3	16.3	16.3	15.9	15.6
90,0°	14.6	14.6	15.3	15.3	15.6	15.6	15.6	15.9	15.6	16.3	16.3	15.9	15.3
92,5°	12.7	13.0	13.7	14.0	14.3	14.3	14.3	15.3	15.3	15.6	15.6	15.3	15.3
95,0°	12.4	12.4	12.4	13.0	13.3	13.3	13.3	14.0	14.0	14.0	13.3	13.3	13.0
97,5°	11.4	11.7	12.0	12.4	12.4	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
100,0°	11.1	11.4	11.7	11.7	11.7	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
102,5°	10.4	10.7	11.1	11.4	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
105,0°	10.1	10.4	10.7	11.1	11.1	11.1	11.1	11.1	11.1	11.7	11.1	11.7	11.7
107,5°	9.4	10.1	10.4	10.4	10.4	10.4	11.1	11.1	11.1	11.1	11.1	11.1	11.1
110,0°	9.4	9.4	10.1	10.1	10.4	10.4	10.4	10.4	10.4	10.7	10.7	10.7	11.1
112,5°	9.1	9.4	9.4	9.8	10.1	10.1	10.1	10.4	10.4	10.4	10.4	10.4	10.4

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235LF14H EAN: 4058352833209	LP number 57118_32
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°	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
2,5°	42.9	43.2	43.6	42.9	43.2	43.6	38.0	37.7	37.7	37.1	36.7	36.7	36.7
5,0°	61.1	57.9	57.5	59.5	59.5	58.5	56.2	58.2	58.5	57.2	53.3	48.4	45.2
7,5°	89.4	88.4	89.1	87.8	93.0	93.6	70.5	69.2	68.6	69.6	68.9	64.0	62.1
10,0°	159.0	156.0	158.6	165.8	170.0	171.0	104.0	98.5	93.6	88.4	71.8	68.9	68.6
12,5°	268.2	281.2	289.0	291.9	290.3	293.9	165.8	147.6	135.2	114.4	106.0	96.9	89.7
15,0°	369.6	371.9	385.2	394.3	396.0	402.5	196.4	157.3	148.6	135.9	129.4	123.5	117.7
17,5°	444.4	444.7	426.5	410.6	392.4	394.0	226.9	203.5	199.3	184.6	169.4	149.9	137.5
20,0°	434.0	438.5	441.5	436.6	436.9	438.9	225.6	205.1	191.1	171.6	154.4	141.4	119.3
22,5°	424.6	417.7	409.9	403.8	400.5	404.4	275.3	239.3	185.9	177.2	142.7	134.9	117.0
25,0°	406.0	393.7	397.6	399.9	401.8	403.8	282.2	237.6	200.6	169.7	148.6	124.8	107.3
27,5°	383.6	371.9	379.7	382.9	387.8	388.1	268.8	238.6	201.9	164.5	145.0	127.8	112.5
30,0°	357.9	352.1	355.6	356.9	357.3	360.2	296.2	241.2	200.3	172.9	139.1	120.3	96.2
32,5°	323.5	322.2	332.6	339.1	346.2	351.1	265.9	223.0	187.9	169.4	152.8	109.6	79.0
35,0°	289.3	294.9	299.1	303.6	307.2	310.8	289.0	236.7	187.2	160.3	132.0	93.3	64.4
37,5°	258.1	265.6	265.6	267.5	268.2	268.5	295.8	244.8	192.4	165.1	122.6	83.9	59.2
40,0°	228.5	233.4	227.9	224.3	222.7	221.7	294.2	230.8	190.2	163.5	105.0	68.6	57.9
42,5°	204.8	202.5	193.7	186.3	180.1	177.5	298.8	240.6	188.2	138.5	93.9	59.8	57.9
45,0°	176.8	171.3	159.3	146.9	138.5	134.6	303.3	246.4	181.1	120.9	71.5	58.2	58.2
47,5°	152.8	142.1	128.7	116.4	106.0	103.4	305.3	251.3	174.2	117.0	60.5	57.9	58.8
50,0°	133.0	121.9	105.7	92.0	81.3	77.4	313.4	244.8	161.6	101.4	58.2	57.9	57.9
52,5°	115.7	101.1	86.1	74.8	64.7	63.1	322.5	248.4	151.5	90.7	58.2	56.2	55.6
55,0°	98.2	84.5	70.2	60.5	52.0	49.4	329.6	243.8	149.5	70.5	59.2	55.3	53.3
57,5°	83.9	72.2	55.6	48.4	43.6	41.6	336.1	234.1	147.6	67.3	59.2	55.6	52.7
60,0°	71.2	55.9	46.5	40.6	37.7	37.1	332.6	216.8	122.9	65.0	57.9	54.6	54.6
62,5°	67.9	50.4	38.0	34.8	34.1	33.8	287.0	180.4	97.2	58.8	57.5	56.6	55.6
65,0°	61.8	42.9	32.8	31.2	31.5	31.9	244.8	149.2	86.5	58.5	58.5	56.9	55.3
67,5°	41.0	31.9	29.9	28.6	29.3	29.9	219.4	148.2	90.7	69.9	58.5	56.6	54.9
70,0°	33.8	28.9	27.3	26.7	27.3	28.0	301.0	188.9	116.7	79.6	61.4	58.8	55.6
72,5°	27.0	24.1	24.4	25.0	25.4	26.0	395.3	259.1	135.9	93.0	61.1	62.1	55.3
75,0°	22.1	22.1	22.4	22.8	22.8	22.8	420.7	250.3	103.7	78.7	57.2	57.2	57.9
77,5°	20.2	20.5	20.5	20.2	19.5	19.5	407.0	261.7	121.6	65.3	56.9	58.8	58.5
80,0°	18.5	18.9	18.5	17.9	17.2	16.9	283.8	229.2	164.2	83.5	56.9	62.1	61.1
82,5°	17.6	17.2	16.9	16.3	15.9	16.3	188.2	115.7	120.6	88.4	59.5	58.5	56.9
85,0°	16.3	15.6	15.3	15.3	15.0	15.0	84.5	79.0	67.9	70.5	50.7	56.6	52.0
87,5°	14.6	14.6	14.0	14.3	14.0	14.3	22.1	28.3	32.2	38.4	39.3	37.7	32.5
90,0°	14.6	14.3	14.0	14.0	13.7	13.7	14.3	17.9	20.2	19.8	21.8	20.5	16.9
92,5°	14.6	14.0	13.3	13.3	13.3	13.7	12.4	12.0	11.4	10.7	10.1	9.8	9.1
95,0°	13.0	13.0	13.0	13.0	13.0	13.0	11.4	11.1	10.4	10.1	9.4	8.8	8.1
97,5°	12.4	12.7	12.4	12.4	12.4	12.4	11.1	10.7	10.1	9.4	8.8	8.5	8.1
100,0°	12.4	12.4	12.4	12.4	12.4	12.4	10.7	10.1	9.4	9.4	8.8	8.1	7.5
102,5°	11.7	11.7	11.7	11.7	11.7	11.7	10.1	9.8	9.4	8.8	8.5	7.8	7.5
105,0°	11.7	11.7	11.7	11.7	11.7	11.7	10.1	9.4	8.8	8.8	8.1	7.5	7.5
107,5°	11.1	11.1	11.1	11.1	11.1	10.4	9.4	8.8	8.8	8.1	7.8	7.5	6.8
110,0°	11.1	11.1	11.1	11.1	11.1	9.8	8.8	8.8	8.1	7.8	7.5	7.2	6.8
112,5°	10.7	10.4	10.7	10.7	10.4	8.5	8.8	8.1	8.1	7.8	7.2	6.8	6.5

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235LF14H EAN: 4058352833209	LP number 57118_32
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°	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	0.1	0.1
2,5°	37.1	37.7	38.4	39.0	40.0	41.0	42.6	44.2	45.8	46.8	44.9	0.5	0.5
5,0°	42.9	42.3	41.9	41.0	36.7	32.8	31.2	30.2	29.3	28.6	28.6	1.2	1.8
7,5°	52.3	49.1	46.5	43.9	39.0	35.1	32.5	30.2	27.6	26.7	26.7	2.5	4.2
10,0°	67.6	65.0	56.6	42.9	38.0	32.5	31.2	27.6	26.7	28.0	28.0	5.1	9.4
12,5°	81.6	72.5	69.2	68.6	47.8	41.3	37.4	34.5	28.3	26.3	25.4	9.9	19.2
15,0°	113.1	110.5	107.9	72.8	58.5	51.4	44.5	44.9	45.8	40.3	37.1	14.6	33.8
17,5°	117.7	102.7	101.8	94.3	85.2	70.9	60.5	55.9	52.3	41.3	39.7	20.3	54.1
20,0°	111.8	105.7	105.0	92.3	80.0	73.1	70.5	67.0	64.7	56.9	59.8	24.5	78.6
22,5°	106.6	104.4	95.9	80.6	74.1	66.6	63.4	67.0	68.6	65.7	70.9	27.8	106.3
25,0°	96.2	84.5	69.9	60.1	58.5	60.5	55.6	56.2	57.2	53.0	57.2	29.4	135.7
27,5°	82.9	66.3	54.3	50.4	50.1	51.0	50.7	45.2	42.3	42.6	43.6	31.3	167.0
30,0°	69.2	55.3	50.7	49.1	48.4	48.1	45.5	41.0	38.0	40.0	39.0	32.6	199.6
32,5°	55.9	52.0	51.4	50.7	48.8	48.1	43.9	41.3	33.2	37.1	36.4	33.0	232.6
35,0°	52.3	50.1	48.4	48.8	49.1	46.8	42.9	39.7	30.9	34.8	34.5	34.9	267.6
37,5°	57.5	56.9	51.0	48.1	45.8	44.2	41.0	38.0	33.5	32.5	32.5	35.6	303.1
40,0°	57.5	56.2	54.9	54.0	47.5	42.9	37.7	33.8	30.9	28.6	28.6	35.3	338.4
42,5°	57.9	55.9	53.6	50.7	45.5	42.9	37.4	30.6	28.9	27.0	24.1	35.2	373.6
45,0°	57.9	56.6	54.3	50.1	44.5	39.0	33.5	28.6	27.0	25.0	22.8	35.3	408.9
47,5°	58.2	56.2	54.6	51.0	44.2	38.0	32.5	27.0	25.0	23.1	20.2	35.5	444.4
50,0°	57.9	55.6	55.6	51.4	45.2	38.0	31.5	26.7	24.7	22.1	22.1	36.2	480.6
52,5°	55.9	54.6	54.9	51.0	44.9	37.4	31.2	27.3	25.4	23.4	24.1	36.9	517.5
55,0°	53.6	53.6	53.3	48.8	42.6	36.4	29.9	25.7	24.1	22.8	23.4	37.4	554.9
57,5°	51.7	50.7	50.4	46.2	39.7	33.5	27.6	24.1	21.8	20.5	21.5	38.6	593.5
60,0°	50.4	48.1	46.5	42.3	35.8	29.9	24.7	22.1	20.2	18.5	19.5	40.4	633.9
62,5°	50.1	45.2	42.3	38.4	32.2	27.3	22.4	20.2	18.5	17.9	17.6	42.1	676.0
65,0°	50.1	43.2	39.0	34.1	28.9	24.7	20.8	18.9	17.2	16.6	16.3	42.6	718.6
67,5°	49.4	40.6	34.8	30.2	26.3	22.4	19.5	17.6	15.9	15.3	15.0	41.7	760.3
70,0°	48.8	39.3	32.2	27.0	23.4	20.5	18.2	16.3	15.0	14.6	14.3	42.8	803.1
72,5°	48.1	37.7	29.3	24.4	21.1	18.9	16.9	15.3	14.0	13.3	13.0	42.5	845.5
75,0°	50.4	37.4	27.0	22.8	19.8	17.2	15.3	14.0	12.7	12.0	11.7	35.7	881.2
77,5°	52.3	37.4	25.7	21.1	18.2	15.9	14.3	12.7	11.7	10.7	11.1	28.8	910.0
80,0°	51.0	36.4	23.7	18.9	16.6	14.3	12.7	11.4	10.4	10.1	9.8	21.8	931.8
82,5°	47.8	33.5	21.5	16.3	14.6	13.3	11.7	10.4	9.4	8.8	8.5	14.5	946.3
85,0°	35.4	26.3	17.6	13.7	12.7	11.7	10.1	8.8	8.1	7.8	7.2	10.0	956.4
87,5°	23.1	14.0	10.1	8.8	7.8	7.2	6.5	5.5	5.9	5.5	5.2	4.7	961.1
90,0°	12.4	10.4	8.8	7.2	6.5	5.9	5.5	4.9	4.9	4.6	4.6	3.7	964.8
92,5°	8.5	7.8	7.2	6.5	5.9	5.5	4.9	4.6	4.6	4.6	4.6	3.1	967.8
95,0°	7.8	7.2	6.8	6.2	5.5	5.5	4.9	4.6	4.2	4.2	4.6	2.8	970.7
97,5°	7.5	7.2	6.5	6.2	5.5	5.5	4.9	4.6	4.2	4.2	4.6	2.7	973.3
100,0°	7.5	6.8	6.5	6.2	5.5	5.2	4.9	4.2	4.2	4.2	4.6	2.6	975.9
102,5°	7.2	6.5	6.2	5.9	5.5	4.9	4.6	4.2	4.2	3.9	4.6	2.5	978.4
105,0°	6.8	6.5	6.2	5.5	5.2	4.9	4.2	4.2	4.2	3.9	3.9	2.4	980.8
107,5°	6.5	6.2	5.9	5.5	4.9	4.9	4.2	4.2	4.2	3.9	3.9	2.2	983.0
110,0°	6.2	6.2	5.5	5.2	4.9	4.6	4.2	4.2	3.9	3.9	3.3	2.1	985.1
112,5°	6.2	5.9	5.5	4.9	4.9	4.2	4.2	4.2	3.6	3.6	2.6	2.0	987.2

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235LF14H EAN: 4058352833209	LP number 57118_32
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°
γ	Luminous intensity in cd/klm												
115,0°	8.8	8.8	9.1	9.4	9.4	9.4	9.8	9.8	10.1	10.1	10.1	10.4	10.4
117,5°	8.1	8.8	8.8	8.8	9.1	9.1	9.4	9.4	9.8	9.8	9.8	9.8	9.8
120,0°	8.1	8.1	8.1	8.8	8.8	8.8	9.1	9.1	9.1	9.1	9.4	9.4	9.8
122,5°	7.5	7.5	8.1	8.1	8.1	8.5	8.8	8.8	8.8	8.8	8.8	9.1	9.1
125,0°	6.8	6.8	7.2	7.5	7.5	7.5	7.5	8.1	8.1	8.1	8.1	8.1	8.1
127,5°	5.9	5.9	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8	6.8	6.8	6.8
130,0°	4.9	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.2	5.2	5.2	5.2
132,5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
135,0°	3.6	3.3	3.3	3.3	3.3	3.3	3.3	2.9	3.3	3.3	3.3	2.9	3.3
137,5°	2.6	2.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
140,0°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
142,5°	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
145,0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
147,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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: 5XA5235LF14H EAN: 4058352833209	LP number 57118_32
		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°	10.4	10.4	10.4	10.4	9.1	5.2	8.1	8.1	7.5	7.5	6.8	6.5	6.2
117,5°	10.1	10.4	10.4	10.4	8.1	3.9	8.1	7.5	7.5	6.8	6.8	6.2	6.2
120,0°	9.8	9.8	9.8	9.8	7.2	3.9	7.5	7.5	6.8	6.8	6.2	6.2	5.5
122,5°	9.4	9.4	9.4	9.4	6.2	2.6	7.2	6.8	6.8	6.2	6.2	5.5	5.5
125,0°	8.5	8.5	8.5	8.5	5.5	2.6	6.5	6.2	6.2	5.9	5.5	5.2	4.9
127,5°	6.8	7.2	7.2	6.8	4.6	2.6	5.9	5.2	5.2	4.9	4.9	4.6	4.2
130,0°	5.5	5.5	5.5	4.9	3.6	2.0	4.2	4.2	3.9	3.9	3.6	3.6	3.6
132,5°	3.6	3.6	3.9	3.6	2.3	2.0	3.6	3.3	2.9	2.9	2.9	2.9	2.9
135,0°	3.3	3.3	3.3	2.6	2.0	1.3	2.9	2.9	2.9	2.6	2.6	2.6	2.6
137,5°	2.6	2.6	2.6	2.6	2.0	1.3	2.6	2.6	2.6	2.6	2.6	2.3	2.3
140,0°	2.3	2.6	2.3	2.0	1.3	1.3	2.3	2.3	2.3	2.0	2.0	2.0	2.0
142,5°	2.0	2.0	2.0	1.6	1.3	1.3	2.0	2.0	2.0	2.0	2.0	2.0	1.6
145,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.6	1.6	1.6	1.6	1.3	1.3	1.3
147,5°	1.3	1.3	1.3	1.3	1.3	0.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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°	5.9	5.5	5.2	4.9	4.6	4.2	4.2	3.6	3.6	2.9	2.0	1.9	989.1
117,5°	5.5	5.5	4.9	4.9	4.2	4.2	3.6	3.6	3.3	2.9	2.0	1.8	990.9
120,0°	5.5	4.9	4.9	4.2	4.2	4.2	3.6	3.6	3.3	2.3	2.0	1.7	992.5
122,5°	5.2	4.9	4.6	4.2	4.2	3.6	3.6	3.3	3.3	2.3	2.0	1.5	994.1
125,0°	4.9	4.6	4.2	4.2	3.6	3.6	3.6	2.9	2.9	2.3	2.0	1.4	995.4
127,5°	3.9	3.9	3.6	3.6	2.9	2.9	2.9	2.6	2.3	2.0	2.0	1.1	996.5
130,0°	2.9	2.9	2.9	2.6	2.6	2.3	2.3	2.3	2.0	1.6	1.3	0.8	997.4
132,5°	2.6	2.6	2.3	2.3	2.3	2.0	2.0	2.0	1.6	1.3	1.3	0.6	998.0
135,0°	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0	1.3	1.3	1.3	0.5	998.5
137,5°	2.0	2.0	2.0	2.0	2.0	1.6	2.0	1.6	1.3	1.3	1.3	0.4	998.9
140,0°	2.0	2.0	1.6	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	0.4	999.3
142,5°	1.6	1.6	1.3	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	999.5
145,0°	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.8
147,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	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: 5XA5235LF14H EAN: 4058352833209	LP number 57118_32
--	--	-------------------------------------

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	1530	10.0	10.4	10.2
95	241	252	1452	9.5	9.9	9.7
90	229	250	1379	9.0	9.3	9.2
85	216	248	1301	8.5	8.8	8.6
80	203	246	1223	8.0	8.3	8.2
75	190	243	1144	7.6	7.7	7.6
70	178	241	1072	7.1	7.3	7.2
65	165	238	994	6.6	6.8	6.7
60	152	235	916	6.1	6.4	6.2
55	140	232	843	5.7	5.9	5.8
50	127	229	765	5.3	5.5	5.4
45	114	225	687	4.8	5.0	4.9
40	102	221	614	4.4	4.6	4.5
35	89	216	536	4.0	4.1	4.0
30	76	210	458	3.6	3.7	3.6
30	75	209	452	3.5	3.7	3.6