

Photometric test report

Family
MUSHROOM LUMINAIRE LED

Order number: 5XA5235FF14H
EAN: 4058352635773

LP number
57118_31



Version post-top- or mounting to wall arm
Optic direct, asymmetric extremely wide distribution P100007
Cover cover transparent, PMMA
Lamps LED 3000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1530 lm
Power consumption = 10.5 W
Luminous efficacy = 145.7 lm/W

serial
documentation
07.07.2022

siteco

Luminous intensity in cd/klm

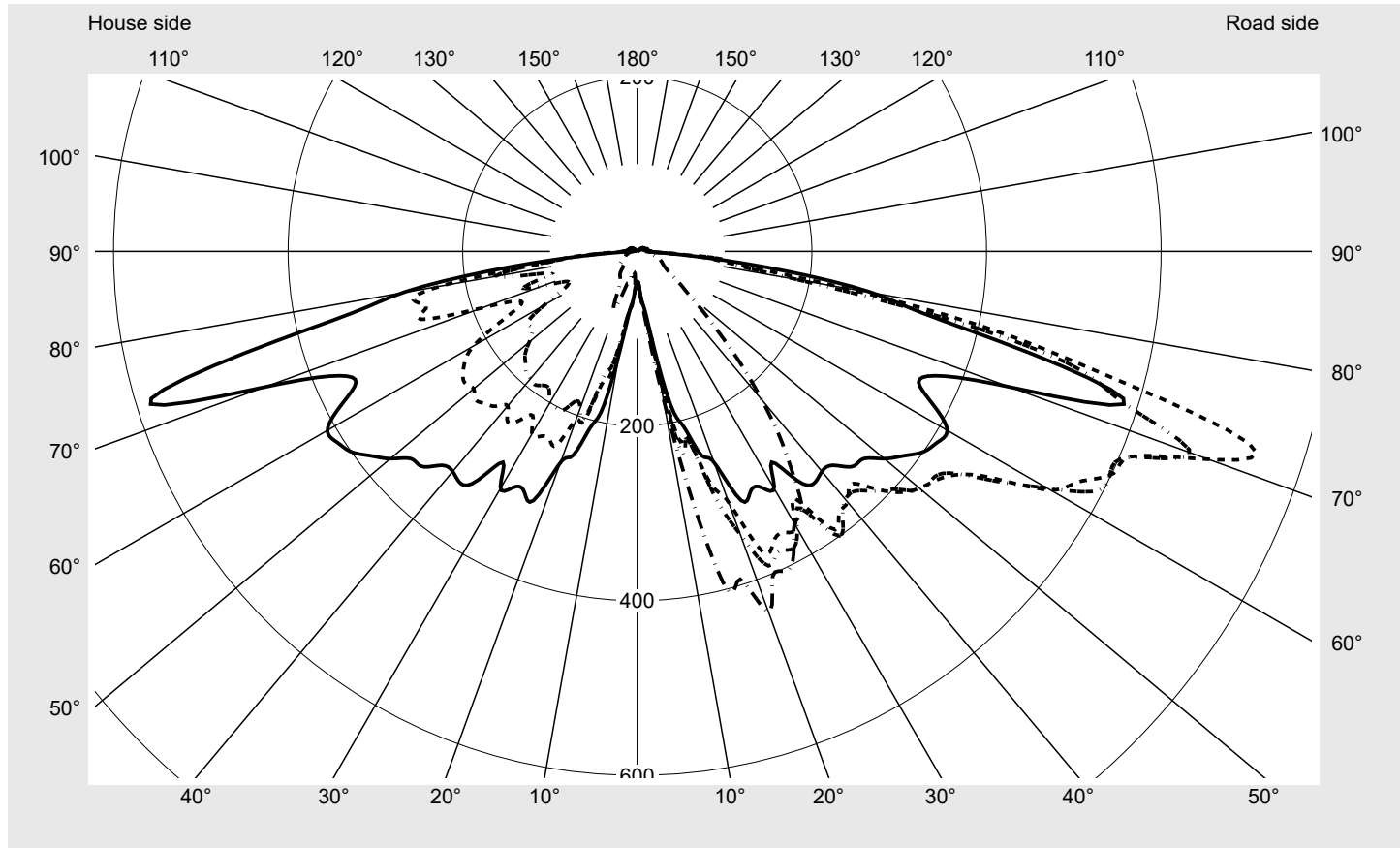
C180-0

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

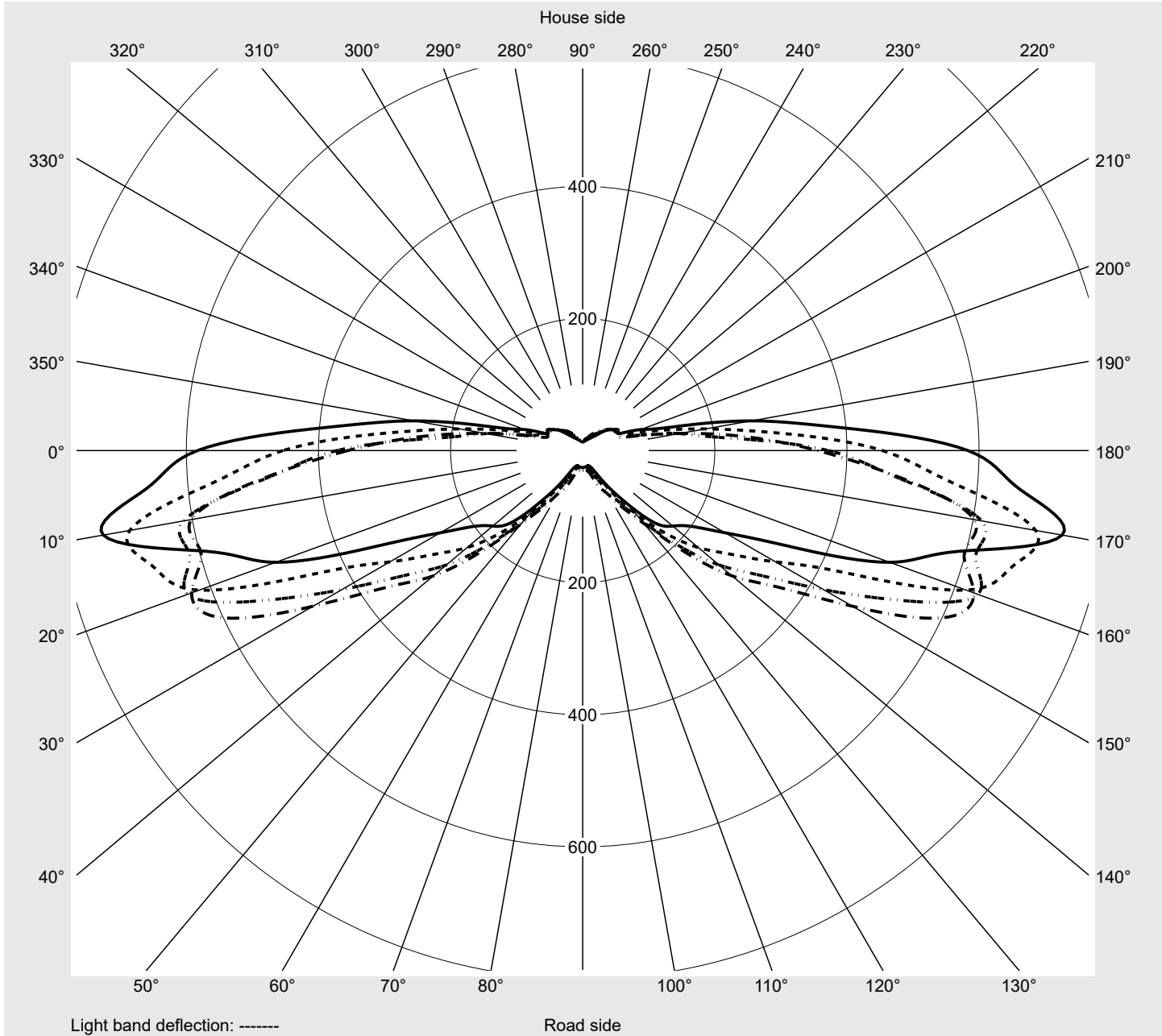
Measurement conditions

DIN EN 13032 and DIN 5032

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



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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

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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

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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: 5XA5235FF14H EAN: 4058352635773	LP number 57118_31
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: 5XA5235FF14H EAN: 4058352635773	LP number 57118_31
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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: 5XA5235FF14H EAN: 4058352635773	LP number 57118_31
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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	1530	10.5	10.8	10.6
95	241	252	1452	10.0	10.3	10.2
90	229	250	1379	9.4	9.8	9.6
85	216	248	1301	8.9	9.2	9.0
80	203	246	1223	8.3	8.7	8.5
75	190	243	1144	7.8	8.1	8.0
70	178	241	1072	7.3	7.6	7.4
65	165	238	994	6.9	7.1	7.0
60	152	235	916	6.4	6.6	6.5
55	140	232	843	5.9	6.1	6.0
50	127	229	765	5.4	5.6	5.5
45	114	225	687	5.0	5.2	5.1
40	102	221	614	4.6	4.7	4.6
35	89	216	536	4.1	4.3	4.2
30	76	210	458	3.7	3.8	3.8
28	72	208	434	3.5	3.7	3.6