

## Photometric test report

Family  
MUSHROOM LUMINAIRE LED

Order number: 5XA5235NF14H  
EAN: 4058352833285

LP number  
57118\_35



**Version** post-top- or mounting to wall arm  
**Optic** asymmetric, extremely wide distribution (P1.0a)  
**Cover** cover transparent, PMMA  
**Lamps** LED 2700 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 1530 lm  
Power consumption = 11.8 W  
Luminous efficacy = 129.7 lm/W

serial  
documentation  
04.11.2022

siteco

Luminous intensity in cd/klm

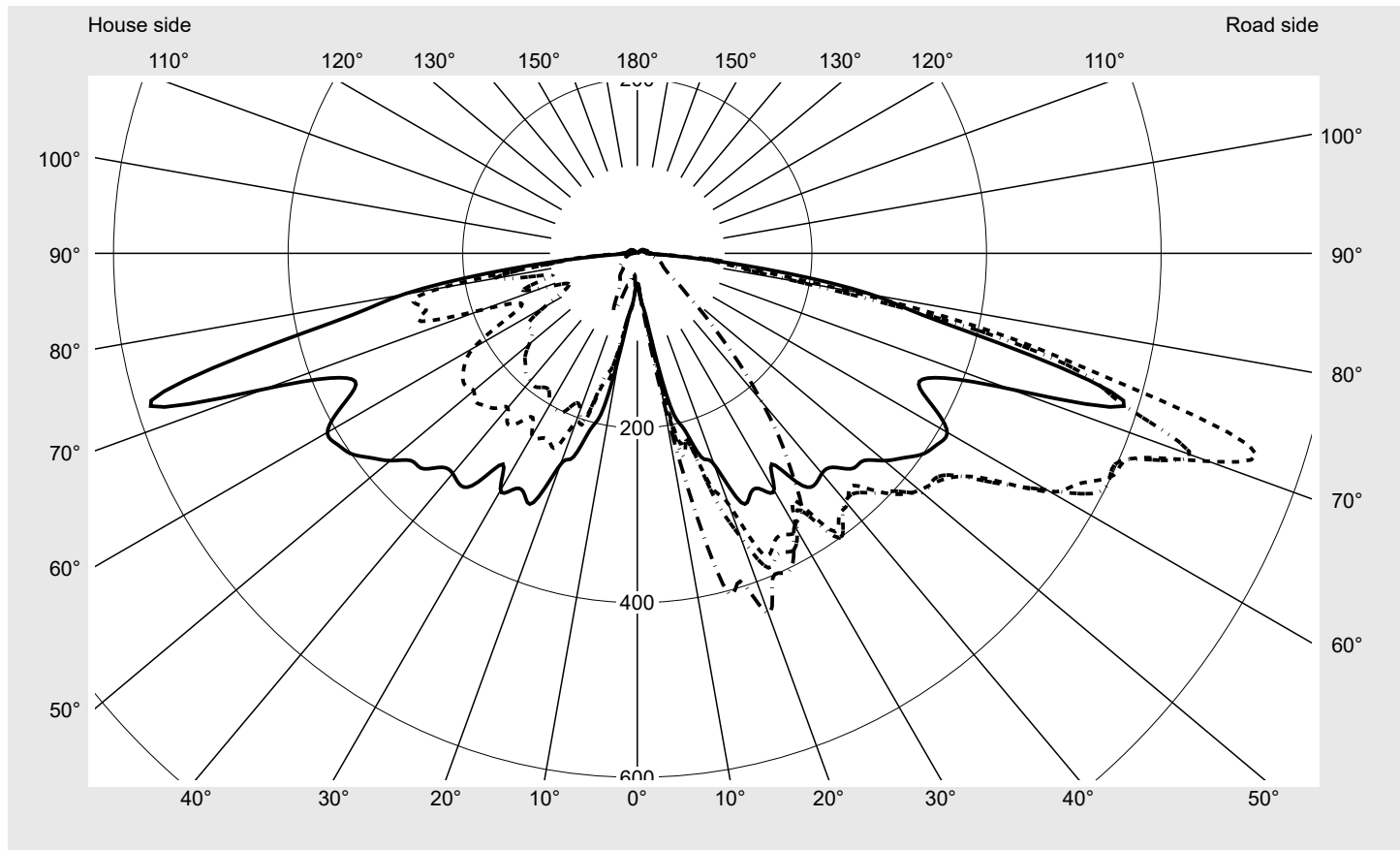
C180-0

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

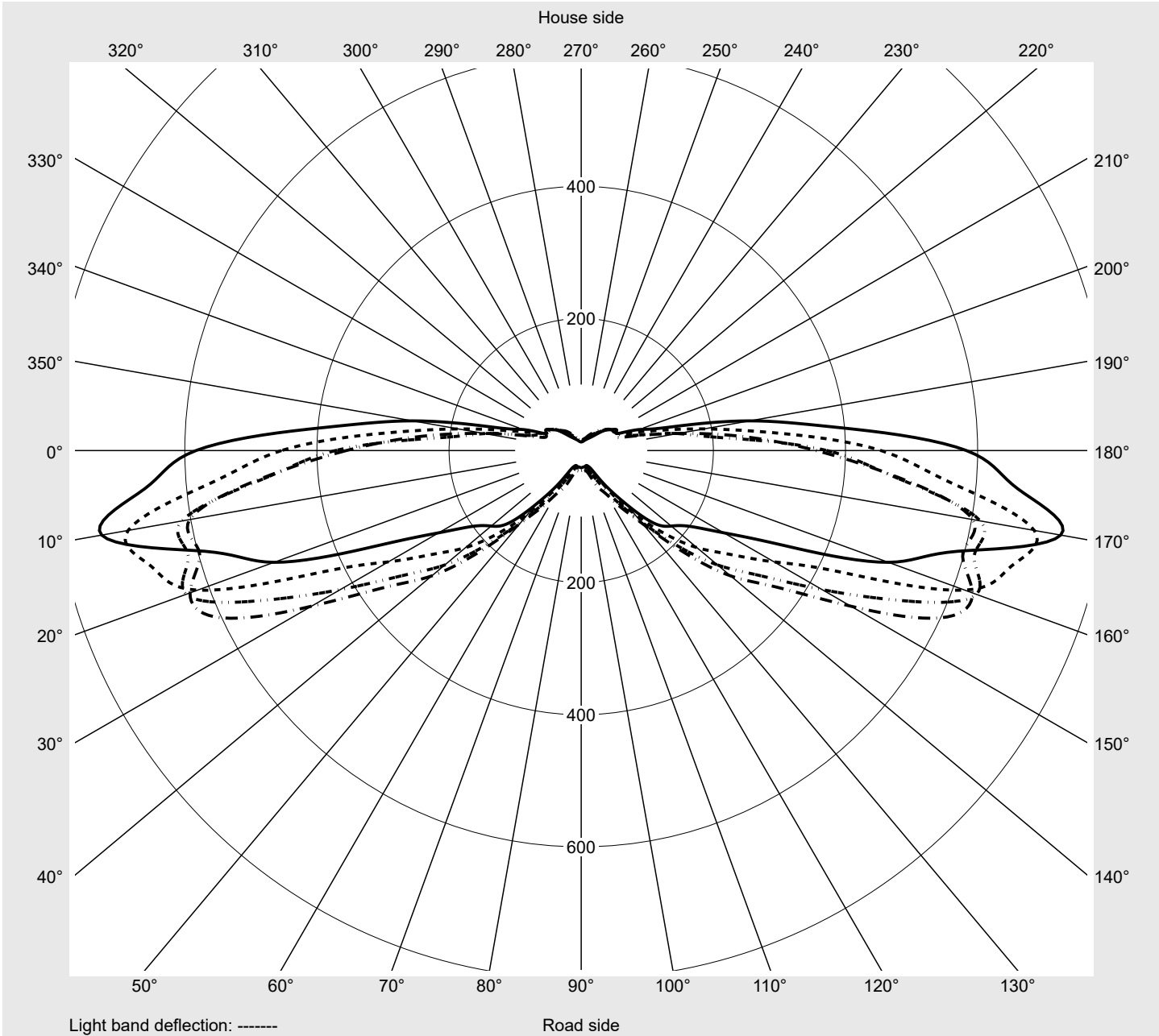
#### Measurement conditions

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°**      **siteco**



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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		


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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235NF14H</b> <b>EAN: 4058352833285</b>	<b>LP number</b> <b>57118_35</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		

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°
$\gamma$	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

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5235NF14H</b> <b>EAN: 4058352833285</b>	<b>LP number</b> <b>57118_35</b>
		<b>siteco</b>

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°
$\gamma$	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
$\gamma$	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

<b>Family</b> MUSHROOM LUMINAIRE LED	<b>Order number: 5XA5235NF14H</b> <b>EAN: 4058352833285</b>	<b>LP number</b> 57118_35
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	1530	11.8	12.1	12.0
95	241	252	1452	11.1	11.4	11.2
90	229	250	1379	10.6	10.8	10.7
85	216	248	1301	9.9	10.2	10.0
80	203	246	1223	9.3	9.6	9.4
75	190	243	1144	8.7	9.0	8.8
70	178	241	1072	8.2	8.4	8.3
65	165	238	994	7.6	7.7	7.6
60	152	235	916	7.0	7.2	7.1
55	140	232	843	6.5	6.6	6.6
50	127	229	765	6.0	6.1	6.0
45	114	225	687	5.4	5.6	5.5
40	102	221	614	5.0	5.1	5.0
35	89	216	536	4.5	4.6	4.6
30	76	210	458	4.0	4.0	4.0
26	65	204	392	3.6	3.7	3.6