

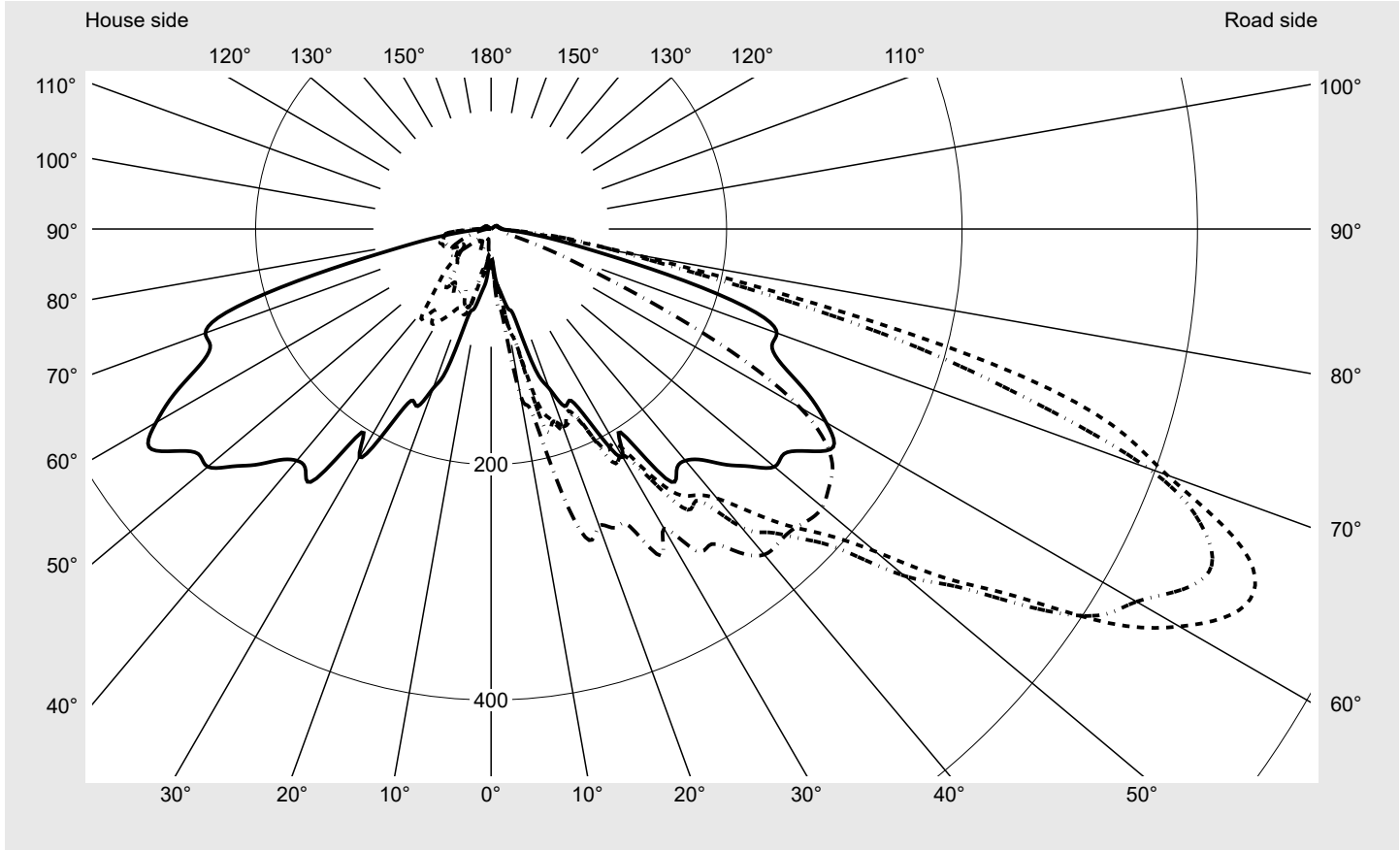
Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54001XS EAN: 4058352831878 + 4050737754895	LP number 59356_2
	Version post-top- or mounting to wall arm, decorative ring, silver 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 = 1540 lm Power consumption = 12.9 W Luminous efficacy = 119.4 lm/W	serial documentation 04.11.2022





Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 716 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	97.7%
Eta 90° - 180°	2.3%

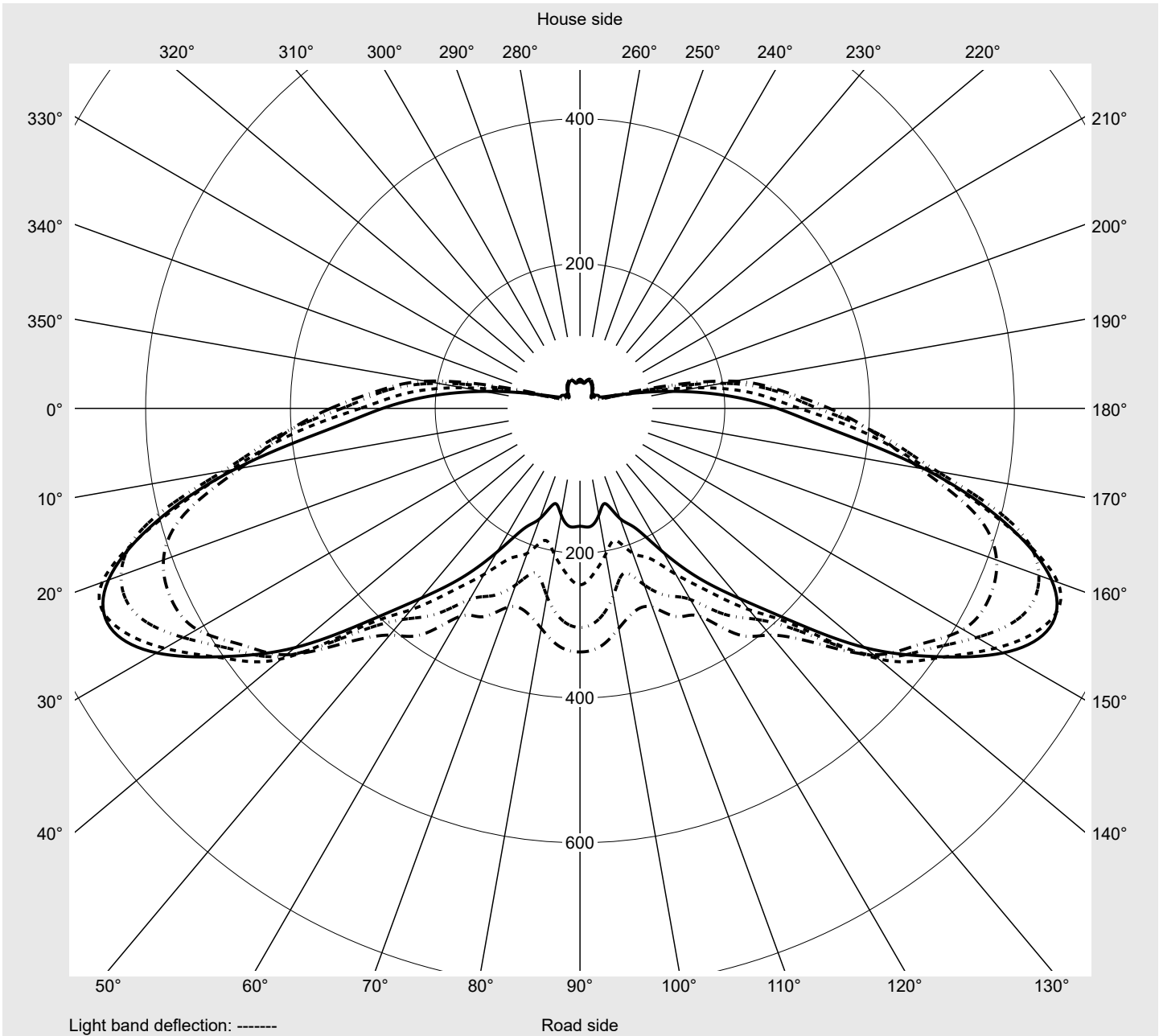
Luminous intensity class acc. to EN13201-2	
Class:	G2
Imax 70°	613.1
Imax 80°	139.0
Imax 90°	13.0
Imax >90°	9.8
Imax >95°	7.8

Measurement conditions
 DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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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°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2,5°	27.5	28.0	28.0	28.7	29.4	30.7	32.1	32.9	33.6	33.6	33.6	33.4	32.9
5,0°	41.9	44.9	47.3	52.7	55.9	55.2	53.7	51.7	51.0	51.5	53.0	56.2	57.1
7,5°	51.0	52.5	55.4	52.7	47.3	48.1	51.3	55.2	61.1	67.0	71.4	77.5	78.5
10,0°	60.6	73.6	78.2	76.8	77.7	84.1	83.6	89.5	99.3	103.5	100.3	97.6	103.0
12,5°	70.1	76.5	83.6	88.3	92.5	102.0	102.0	103.2	120.4	126.5	136.6	147.1	147.6
15,0°	79.7	98.3	121.1	148.9	152.5	152.8	173.1	172.9	159.6	156.5	157.9	168.5	177.1
17,5°	125.3	126.1	142.2	164.3	167.3	169.7	172.4	183.7	191.3	189.6	182.9	188.3	203.3
20,0°	144.0	167.7	166.8	180.2	182.2	181.7	178.0	176.6	178.5	177.3	185.2	195.9	199.9
22,5°	162.8	165.5	172.2	165.5	166.5	168.2	174.9	183.4	194.0	195.0	204.5	217.3	222.9
25,0°	160.9	175.6	184.7	189.1	187.6	182.2	179.5	184.9	196.9	216.5	213.8	229.5	234.9
27,5°	192.5	193.5	194.7	199.4	199.1	211.6	222.9	227.1	230.3	242.8	250.1	261.2	272.5
30,0°	223.7	232.7	231.0	218.3	214.6	209.7	221.4	238.9	243.8	261.7	274.4	281.5	290.4
32,5°	204.8	202.8	208.0	211.4	222.2	241.8	251.6	283.2	302.6	323.0	319.1	332.1	332.1
35,0°	258.5	270.3	282.3	272.9	265.8	274.4	291.1	301.6	322.0	339.2	342.1	341.6	342.1
37,5°	258.7	263.9	261.9	259.2	276.1	285.0	290.9	316.4	340.4	345.0	353.9	355.6	362.5
40,0°	256.8	263.6	267.3	263.6	280.3	298.7	330.6	343.1	357.1	372.5	375.7	375.5	375.9
42,5°	266.1	266.1	274.2	276.6	296.7	325.7	349.5	368.1	379.4	396.1	400.7	393.1	387.0
45,0°	283.2	278.1	295.0	297.2	326.7	356.1	371.8	394.1	407.6	416.9	419.6	401.0	403.2
47,5°	298.5	302.4	319.1	324.4	347.0	383.8	402.7	431.4	431.1	431.6	440.4	414.2	414.5
50,0°	314.1	329.1	354.6	364.9	386.0	426.0	458.3	458.1	447.3	430.9	447.1	417.1	411.0
52,5°	313.7	350.7	393.1	445.8	452.7	487.5	499.1	496.6	471.8	451.0	442.7	421.3	391.2
55,0°	328.9	380.1	414.7	508.9	520.6	543.7	560.1	527.7	505.9	457.1	435.8	408.3	362.5
57,5°	344.6	411.0	476.7	566.3	612.4	623.1	610.9	569.7	529.5	457.9	408.8	381.6	331.8
60,0°	328.6	415.7	501.3	619.7	674.6	675.1	633.0	581.7	531.9	438.7	380.6	347.0	304.8
62,5°	303.4	397.0	490.2	603.0	702.4	709.0	662.6	601.3	538.3	427.0	363.0	308.0	264.6
65,0°	272.7	353.1	484.1	606.7	693.3	716.1	675.4	597.6	514.3	416.9	342.8	286.2	229.1
67,5°	258.2	309.5	457.9	584.2	680.3	682.2	651.8	575.8	485.6	388.2	319.3	255.5	196.4
70,0°	258.2	318.8	432.6	565.3	613.1	611.1	594.0	528.0	421.8	356.3	292.3	225.6	167.3
72,5°	235.9	320.0	391.2	514.0	570.9	552.8	475.0	442.7	346.3	276.6	222.4	178.8	140.0
75,0°	170.2	260.0	346.0	449.3	461.5	437.0	346.8	298.7	223.4	185.6	174.6	157.7	127.5
77,5°	100.1	160.9	221.2	294.8	303.1	249.2	193.5	164.8	138.8	122.1	126.1	122.9	107.7
80,0°	61.8	83.6	105.9	137.1	139.0	120.9	110.8	107.9	88.3	66.0	52.7	48.8	46.4
82,5°	36.8	41.0	47.8	60.6	67.4	56.9	71.1	76.8	58.6	41.0	23.1	19.9	15.5
85,0°	19.9	19.6	17.4	16.9	16.7	20.4	33.8	47.6	40.7	22.3	15.0	13.7	11.8
87,5°	10.5	10.3	10.1	10.5	10.5	10.8	10.8	11.0	10.8	10.5	10.5	10.8	10.8
90,0°	9.6	9.3	9.3	9.6	9.6	9.8	10.1	10.1	9.8	10.1	9.8	9.8	10.3
92,5°	8.3	8.3	8.6	8.8	9.1	9.1	9.1	9.3	9.6	9.3	9.3	9.3	9.3
95,0°	7.8	7.8	7.8	8.1	8.3	8.3	8.3	8.3	8.1	8.1	7.8	7.8	7.8
97,5°	7.4	7.4	7.8	7.8	7.8	7.8	7.4	7.4	7.4	7.4	7.4	7.4	7.4
100,0°	6.9	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	6.9	6.9	6.9
102,5°	6.6	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
105,0°	6.4	6.4	6.6	6.4	6.6	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4
107,5°	5.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	6.4	6.1	6.1
110,0°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
112,5°	5.4	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54001XS EAN: 4058352831878 + 4050737754895	LP number 59356_2
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°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
2,5°	32.1	31.4	30.9	30.2	29.4	28.9	28.0	28.4	28.9	29.4	29.2	29.2	29.7
5,0°	59.1	61.1	64.0	66.5	69.2	67.2	37.8	32.4	29.4	26.7	23.5	22.6	23.3
7,5°	82.2	88.0	83.4	79.9	78.2	75.5	47.1	42.4	38.7	36.8	34.8	31.1	28.0
10,0°	108.6	119.7	131.2	137.1	139.3	143.7	54.7	40.2	42.2	42.2	41.0	35.8	31.4
12,5°	151.1	159.2	150.1	160.1	164.8	158.9	74.1	73.6	71.4	63.0	48.6	39.0	36.1
15,0°	179.5	186.1	189.1	206.5	223.9	231.5	72.3	66.0	63.5	67.0	68.4	65.0	59.1
17,5°	209.2	224.6	243.0	252.8	264.6	277.1	106.7	106.4	104.7	81.7	76.3	68.9	62.8
20,0°	214.6	232.0	237.9	249.7	258.5	268.3	118.2	98.3	88.3	82.6	73.6	66.2	54.9
22,5°	229.1	240.1	256.5	267.8	277.9	274.7	147.6	137.8	110.6	96.4	72.6	56.7	45.6
25,0°	247.4	260.4	271.5	277.4	278.1	278.6	155.5	143.7	131.2	103.5	78.5	56.9	36.1
27,5°	279.8	282.0	294.0	300.2	307.8	312.9	180.2	160.6	137.6	110.8	85.1	61.1	39.7
30,0°	305.1	311.2	308.0	304.8	296.5	293.8	208.9	196.7	157.9	128.3	91.5	63.5	38.3
32,5°	338.4	322.2	313.4	317.1	321.8	323.7	199.4	185.9	159.2	122.1	93.7	57.1	35.8
35,0°	341.6	338.2	326.4	323.0	323.5	326.7	247.0	215.3	170.9	125.3	84.4	55.7	35.3
37,5°	363.9	355.3	333.5	327.1	334.5	346.3	252.1	227.8	188.3	147.9	96.6	62.5	39.2
40,0°	377.7	369.3	341.9	338.7	348.0	361.0	252.1	223.9	172.2	136.1	84.9	51.5	39.5
42,5°	395.8	371.0	344.1	344.8	355.8	361.5	261.4	224.6	167.7	115.3	70.9	44.1	38.0
45,0°	401.0	368.6	348.0	356.3	362.5	361.5	268.0	231.3	164.6	108.9	61.1	40.5	37.3
47,5°	409.8	368.8	354.6	362.0	367.1	365.9	283.2	238.4	163.3	100.3	52.7	39.0	36.1
50,0°	408.3	362.0	347.3	355.8	365.6	367.4	286.7	237.1	153.3	87.1	42.7	36.3	32.4
52,5°	389.7	351.7	340.1	347.7	361.7	361.5	283.7	236.7	144.2	75.5	37.3	33.4	29.2
55,0°	358.0	334.3	328.1	337.0	349.7	354.1	285.7	233.2	135.1	65.7	35.3	29.7	26.2
57,5°	317.6	292.3	290.6	308.5	329.8	336.5	279.3	216.3	115.5	55.2	31.6	27.0	24.0
60,0°	285.5	259.5	235.7	263.4	292.8	302.6	272.0	199.1	99.8	47.1	29.7	26.7	24.3
62,5°	228.8	212.9	188.8	204.5	227.8	243.8	240.6	164.1	84.4	49.5	33.4	27.5	26.5
65,0°	183.2	162.1	136.4	149.6	163.8	162.8	203.1	134.9	82.9	53.5	38.5	31.6	30.9
67,5°	143.5	113.5	84.6	92.5	98.3	93.7	192.0	124.6	82.4	53.2	39.5	34.8	33.1
70,0°	119.7	81.7	47.6	42.7	48.1	54.4	182.5	121.4	80.9	54.0	42.7	39.2	37.0
72,5°	97.4	57.9	28.4	21.1	20.6	23.1	157.4	118.4	78.2	51.7	43.2	40.5	37.5
75,0°	76.5	29.4	18.4	15.0	14.2	14.2	117.7	89.3	66.2	48.1	44.9	42.7	40.7
77,5°	44.6	17.7	13.7	12.3	12.0	12.3	72.6	60.6	57.9	45.9	41.9	41.4	40.7
80,0°	20.8	13.0	11.8	11.0	11.0	11.3	53.2	51.0	49.3	40.2	39.5	41.0	39.5
82,5°	12.3	11.0	10.5	10.1	10.3	10.3	36.3	38.3	37.5	36.1	39.0	39.2	36.8
85,0°	11.0	10.5	10.1	9.6	9.3	9.3	20.1	23.5	28.4	32.4	36.1	36.3	33.8
87,5°	10.5	10.3	9.6	9.1	8.8	8.8	11.3	12.3	13.5	16.9	20.8	23.3	23.5
90,0°	10.3	9.8	9.1	8.6	8.3	8.3	9.8	10.1	10.5	11.8	13.0	13.0	10.8
92,5°	9.8	9.3	8.6	8.1	7.8	7.8	7.8	7.8	7.4	6.9	6.6	6.4	6.1
95,0°	7.8	7.8	7.6	7.4	7.4	7.4	7.4	7.4	6.9	6.6	6.4	5.9	5.9
97,5°	7.4	7.4	7.4	7.4	7.4	6.9	7.1	6.9	6.6	6.4	5.9	5.9	5.6
100,0°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.6	6.4	6.1	5.9	5.6	5.4
102,5°	6.4	6.6	6.4	6.6	6.4	6.4	6.4	6.4	6.4	5.9	5.6	5.4	5.2
105,0°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.9	5.9	5.4	5.4	4.9
107,5°	6.1	5.9	6.4	6.4	6.4	6.4	5.9	5.9	5.4	5.4	5.2	4.9	4.9
110,0°	5.9	5.9	5.9	5.9	5.9	5.9	5.6	5.4	5.4	5.2	4.9	4.9	4.7
112,5°	5.9	5.9	5.9	5.9	5.9	5.9	5.4	5.4	5.2	4.9	4.9	4.7	4.4

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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°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	0.0	0.0
2,5°	29.9	29.4	28.0	27.0	26.5	26.5	25.8	24.5	23.5	23.1	23.1	0.3	0.4
5,0°	24.0	25.0	25.8	25.3	24.5	23.5	21.8	21.1	20.1	19.6	19.6	1.0	1.4
7,5°	24.0	23.8	26.2	28.2	28.0	25.0	21.1	18.6	17.2	16.4	16.2	1.7	3.1
10,0°	29.9	28.2	28.9	30.7	28.0	22.3	19.6	15.9	13.0	12.0	11.8	3.1	6.2
12,5°	36.1	31.1	32.9	41.7	33.8	19.9	13.7	11.5	10.5	10.5	9.8	4.8	11.0
15,0°	53.0	41.9	38.5	37.8	28.7	20.6	17.2	13.0	10.1	9.1	8.8	7.4	18.4
17,5°	63.3	62.0	50.0	37.0	26.7	21.3	21.8	13.7	12.0	10.8	10.3	10.2	28.6
20,0°	41.9	36.1	33.1	35.3	35.1	31.4	25.3	16.7	12.0	12.3	13.2	11.7	40.4
22,5°	37.8	32.6	32.1	27.0	24.5	22.1	22.6	20.4	17.2	16.7	19.1	13.8	54.2
25,0°	26.5	24.8	24.0	23.8	21.6	21.1	20.8	18.1	16.4	20.4	21.6	15.9	70.1
27,5°	27.7	24.3	21.1	19.4	18.6	18.6	20.6	20.4	16.4	18.9	18.6	19.4	89.4
30,0°	29.7	26.0	21.8	20.1	18.4	17.4	18.1	17.4	13.7	15.7	15.7	22.5	111.9
32,5°	30.9	26.7	23.1	21.3	18.6	17.4	16.7	16.2	13.2	14.0	14.2	25.6	137.6
35,0°	30.4	27.2	25.3	21.8	19.4	17.4	15.9	14.7	12.8	12.3	12.8	30.0	167.5
37,5°	31.4	24.3	22.1	20.8	20.1	18.4	16.7	15.0	12.8	12.3	12.8	32.8	200.3
40,0°	32.4	27.5	21.6	18.4	16.4	16.2	16.2	15.7	14.0	13.5	13.7	35.6	235.9
42,5°	33.4	26.5	21.3	19.4	16.2	14.7	13.5	14.0	13.5	14.7	14.2	38.5	274.4
45,0°	32.1	26.2	21.1	17.7	15.7	14.7	14.0	13.2	12.3	12.0	12.8	41.8	316.2
47,5°	30.4	24.8	20.6	17.4	15.5	14.5	13.2	12.8	11.5	10.8	11.3	45.3	361.6
50,0°	28.4	24.0	21.1	21.6	21.1	19.1	16.9	14.0	11.5	10.5	10.3	48.6	410.2
52,5°	26.0	22.6	23.8	28.4	30.4	29.7	27.7	24.8	20.8	18.1	17.7	52.5	462.7
55,0°	23.5	22.1	24.8	30.2	34.3	36.8	37.8	36.3	34.3	35.6	35.8	56.0	518.7
57,5°	22.1	21.3	24.8	30.9	35.8	39.5	42.7	41.2	37.0	38.3	40.2	58.7	577.4
60,0°	22.3	21.3	23.8	29.7	35.3	39.2	42.2	41.0	36.5	37.5	39.2	59.1	636.5
62,5°	24.3	23.1	25.3	29.4	34.8	38.7	41.9	40.5	36.1	37.0	37.3	57.6	694.2
65,0°	28.2	27.0	27.2	28.9	32.9	36.8	39.7	39.7	35.3	35.8	36.3	55.1	749.3
67,5°	31.1	29.4	30.7	30.4	32.9	34.6	35.8	35.6	31.6	30.9	31.4	51.5	800.8
70,0°	36.3	34.1	33.4	31.4	30.7	30.4	29.7	29.7	27.0	26.7	26.5	47.5	848.3
72,5°	36.3	36.5	34.1	31.9	27.7	25.0	23.3	23.3	21.8	20.8	21.6	41.6	889.8
75,0°	39.7	36.8	34.3	31.4	23.3	19.6	19.1	18.4	17.4	16.7	17.2	33.2	923.0
77,5°	40.2	38.0	35.6	29.4	19.1	15.2	14.7	14.2	14.0	13.2	13.2	22.4	945.4
80,0°	39.5	37.0	34.6	26.0	16.4	11.0	10.8	11.0	10.8	9.6	9.8	13.3	958.7
82,5°	37.0	34.6	30.4	22.1	15.9	8.3	8.3	8.3	8.3	7.4	7.4	8.5	967.2
85,0°	29.4	28.0	22.3	15.5	11.3	6.4	6.1	6.4	6.1	5.6	5.4	5.3	972.5
87,5°	20.6	18.4	14.7	9.6	6.9	5.6	5.2	4.9	4.9	4.7	4.4	3.1	975.6
90,0°	9.1	8.6	7.6	6.4	5.4	4.7	4.4	4.4	3.9	3.7	3.4	2.4	978.0
92,5°	5.9	5.4	5.2	4.9	4.7	4.4	3.9	3.9	3.9	3.7	3.4	2.0	980.0
95,0°	5.4	5.2	4.9	4.7	4.4	4.2	3.9	3.9	3.7	3.4	3.4	1.8	981.8
97,5°	5.4	4.9	4.9	4.4	4.4	4.2	3.9	3.9	3.4	3.4	3.4	1.7	983.5
100,0°	5.2	4.9	4.7	4.4	4.2	3.9	3.9	3.4	3.4	3.2	2.9	1.6	985.1
102,5°	4.9	4.9	4.4	4.4	3.9	3.9	3.4	3.4	3.4	3.2	2.9	1.5	986.7
105,0°	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.4	3.4	3.2	2.9	1.5	988.1
107,5°	4.4	4.4	4.4	4.2	3.9	3.7	3.4	3.4	3.2	2.9	2.9	1.4	989.6
110,0°	4.4	4.2	4.2	3.9	3.7	3.4	3.4	3.2	3.2	2.9	2.9	1.3	990.9
112,5°	4.4	4.2	3.9	3.7	3.7	3.4	3.4	3.2	2.9	2.9	2.9	1.3	992.1

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235AF14H + 5XA54001XS EAN: 4058352831878 + 4050737754895	LP number 59356_2
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												
115,0°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
117,5°	4.9	5.2	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
120,0°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.2	4.9	4.9	5.4
122,5°	4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
125,0°	4.2	4.2	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
127,5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
130,0°	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
132,5°	2.0	2.0	1.7	2.0	1.7	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.5
135,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.2	1.5	1.0	1.2	1.2
137,5°	1.5	1.5	1.5	1.5	1.5	1.2	1.2	1.0	1.2	1.0	1.0	1.0	1.0
140,0°	1.5	1.5	1.5	1.5	1.5	1.2	1.5	1.5	1.2	1.2	1.0	1.0	1.0
142,5°	1.5	1.5	1.5	1.5	1.2	1.2	1.5	1.5	1.2	1.2	1.2	1.2	1.2
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147,5°	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.7	0.7	1.0	1.0	0.7	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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: 5XA5235AF14H + 5XA54001XS EAN: 4058352831878 + 4050737754895	LP number 59356_2
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												
115,0°	5.4	5.4	5.4	5.6	5.9	5.9	5.4	5.2	4.9	4.9	4.7	4.4	4.4
117,5°	5.4	5.4	5.4	5.4	5.4	5.4	4.9	4.9	4.7	4.7	4.4	4.4	4.2
120,0°	5.4	5.4	5.4	5.4	5.4	5.4	4.9	4.7	4.4	4.4	4.4	4.2	3.9
122,5°	4.9	4.9	4.9	4.9	4.9	5.4	4.4	4.4	4.4	4.4	4.2	3.9	3.9
125,0°	4.4	4.4	4.4	4.4	4.4	4.4	3.9	3.9	3.9	3.9	3.4	3.4	3.4
127,5°	3.7	3.9	3.7	3.7	3.9	3.9	3.4	3.4	3.4	2.9	2.9	2.9	2.9
130,0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2
132,5°	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0
135,0°	1.2	1.0	1.0	1.2	1.2	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
137,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
140,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
142,5°	1.0	1.2	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.2	1.5
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147,5°	0.7	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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	0.0
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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: 5XA5235AF14H + 5XA54001XS EAN: 4058352831878 + 4050737754895	LP number 59356_2
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	
115,0°	4.2	3.9	3.9	3.7	3.4	3.4	3.2	2.9	2.9	2.9	2.9	1.2	993.3
117,5°	3.9	3.7	3.7	3.4	3.4	3.2	3.2	2.9	2.7	2.7	2.5	1.1	994.4
120,0°	3.9	3.7	3.4	3.4	3.2	3.2	2.9	2.7	2.7	2.5	2.5	1.0	995.5
122,5°	3.7	3.4	3.4	3.2	2.9	2.9	2.9	2.7	2.7	2.5	2.5	1.0	996.4
125,0°	3.4	3.2	2.9	2.9	2.7	2.5	2.5	2.5	2.5	2.5	2.5	0.8	997.3
127,5°	2.9	2.5	2.5	2.5	2.5	2.2	2.0	2.0	2.0	2.0	2.0	0.7	998.0
130,0°	2.2	2.0	2.0	2.0	2.0	2.0	1.7	1.7	1.5	1.5	1.5	0.5	998.4
132,5°	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.3	998.8
135,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.3	999.0
137,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	0.2	999.3
140,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	0.2	999.5
142,5°	1.2	1.5	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.9
147,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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: 5XA5235AF14H + 5XA54001XS EAN: 4058352831878 + 4050737754895	LP number 59356_2
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	1540	12.9	13.3	13.1
95	241	252	1461	12.2	12.6	12.4
90	229	250	1388	11.5	11.9	11.7
85	216	248	1310	10.7	11.1	10.9
80	203	246	1231	10.1	10.5	10.3
75	190	243	1152	9.4	9.8	9.6
70	178	241	1079	8.9	9.1	9.0
65	165	238	1000	8.2	8.4	8.3
60	152	235	922	7.6	7.8	7.7
55	140	232	849	7.0	7.2	7.1
50	127	229	770	6.4	6.6	6.5
45	114	225	691	5.8	6.0	5.9
40	102	221	618	5.3	5.4	5.4
35	89	216	540	4.8	4.9	4.8
30	76	210	461	4.3	4.3	4.3
25	63	203	382	3.7	3.8	3.8
24	60	201	364	3.5	3.7	3.6