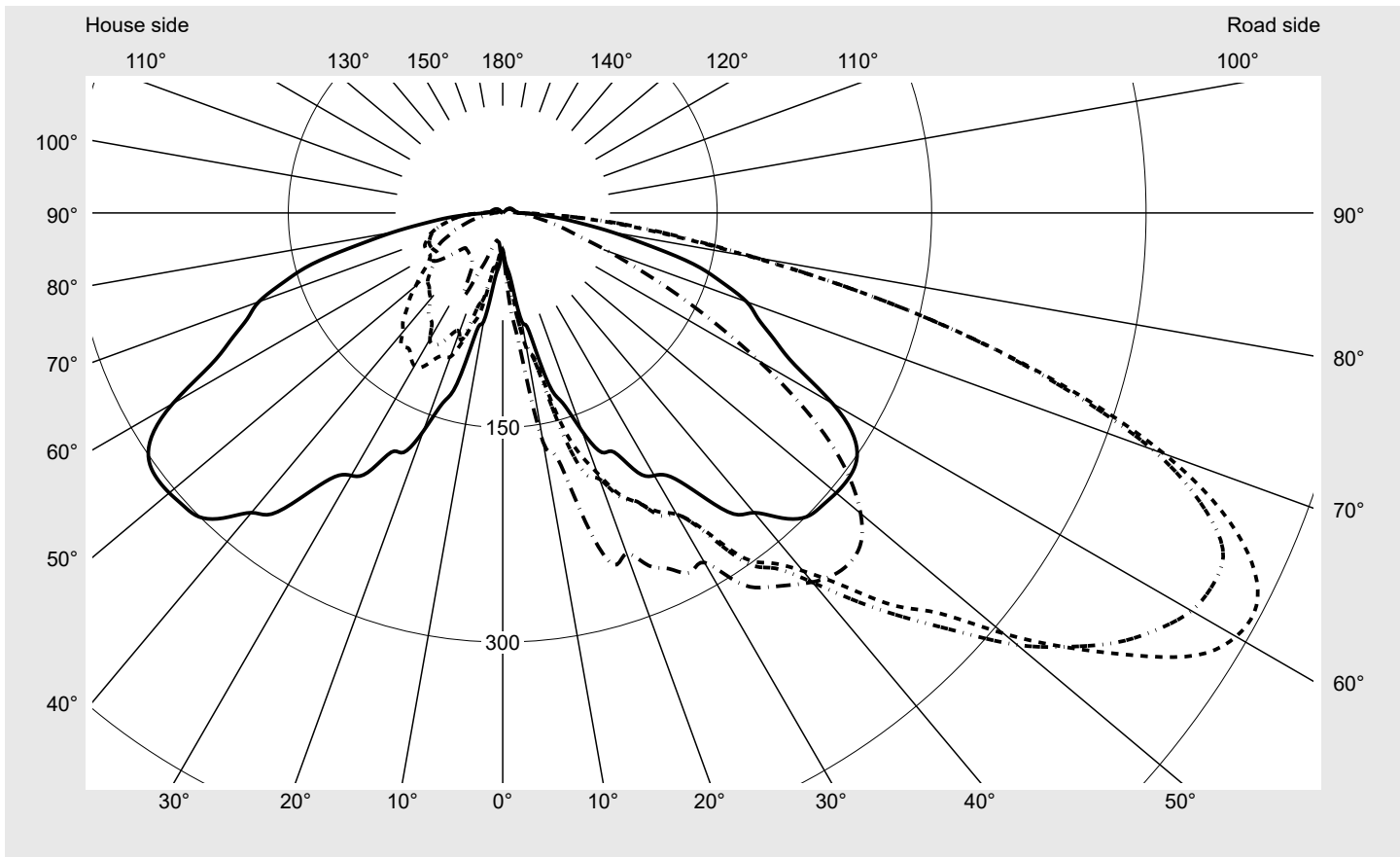


Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
	Version post-top- or mounting to wall arm, spreader element, structured Optic asymmetric, wide distribution (ST1.2a) Cover cover transparent, PMMA Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 1470 lm Power consumption = 10.5 W Luminous efficacy = 140 lm/W	serial documentation 07.07.2022
		

Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 594 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	97.2%
Eta 90° - 180°	2.8%

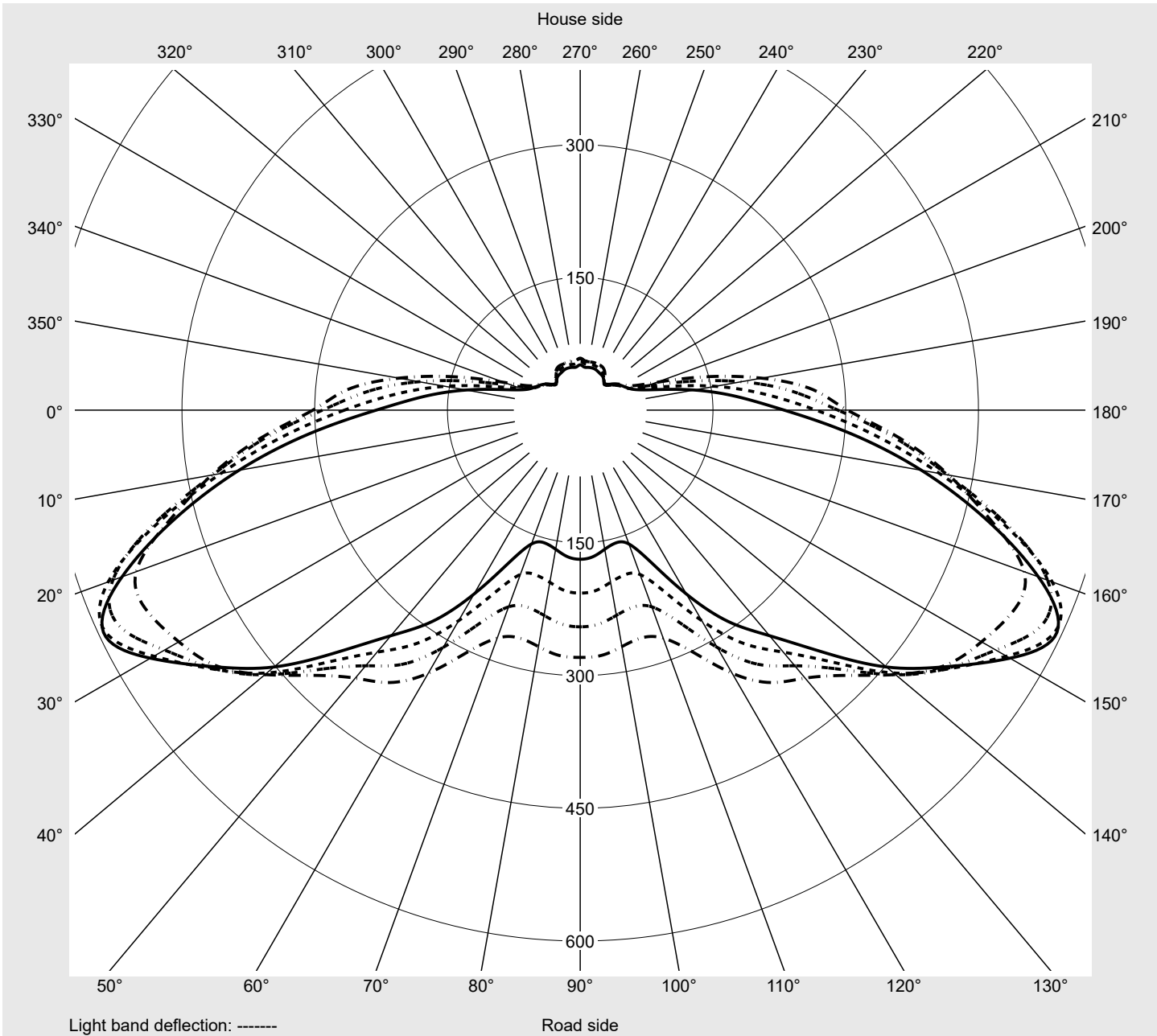
Luminous intensity class acc. to EN13201-2	
Class:	G1
Imax 70°	492.4
Imax 80°	179.4
Imax 90°	16.3
Imax >90°	11.5
Imax >95°	9.0

Measurement conditions
 DIN EN 13032 and DIN 5032

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
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Envelope curve in cd/klm **KMK 62.5°** **KMK 60°** **KMK 57.5°** **KMK 55°** **siteco**



Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
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°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
2,5°	33.0	32.6	33.9	34.9	35.6	36.0	36.3	36.4	36.1	35.9	36.1	36.8	37.9
5,0°	39.7	42.4	43.0	44.8	47.3	47.5	48.5	48.6	49.7	52.2	54.8	56.4	59.0
7,5°	51.7	55.6	55.4	55.3	59.1	64.7	69.6	76.7	79.9	83.2	84.0	84.8	86.0
10,0°	77.2	82.3	85.2	89.4	93.7	96.6	93.5	94.3	93.7	97.4	109.3	118.1	126.3
12,5°	84.5	90.8	96.5	97.1	103.7	105.4	109.4	117.7	133.0	145.9	155.2	159.4	165.0
15,0°	123.5	123.4	129.8	138.9	130.8	144.8	155.3	169.0	177.3	177.8	181.5	186.4	192.0
17,5°	139.2	154.7	149.8	159.7	170.6	174.8	190.5	193.1	198.0	198.8	204.4	210.4	218.1
20,0°	162.3	168.9	176.5	197.5	186.5	193.5	198.0	202.7	208.5	209.2	215.1	220.8	231.0
22,5°	181.2	194.6	196.0	209.4	208.5	212.8	215.3	213.2	215.8	222.7	222.8	229.0	238.7
25,0°	184.6	190.9	193.3	208.9	210.0	223.5	222.7	226.2	229.9	230.7	234.9	238.8	246.8
27,5°	204.5	214.7	227.9	220.6	229.5	235.4	238.7	244.9	246.3	250.2	255.7	262.8	269.5
30,0°	212.0	218.2	225.9	228.2	230.5	243.3	243.4	255.5	259.0	266.4	272.4	277.8	284.3
32,5°	218.7	226.8	242.6	242.8	245.7	263.4	266.2	280.4	292.5	301.7	303.5	310.5	315.7
35,0°	240.3	249.5	265.0	267.2	276.7	294.6	299.4	302.6	313.3	319.7	329.1	331.1	330.6
37,5°	265.3	279.1	288.8	294.4	296.9	308.5	313.1	324.1	335.0	341.6	350.9	353.5	355.7
40,0°	273.5	284.3	297.8	311.9	318.0	326.7	337.2	348.6	359.2	367.1	376.3	377.2	375.0
42,5°	289.3	304.4	316.1	333.6	347.7	354.2	369.2	378.0	386.6	390.8	394.1	393.6	389.8
45,0°	300.4	320.5	340.4	365.4	379.4	388.4	400.7	411.7	415.4	411.2	411.2	406.4	396.8
47,5°	302.9	327.9	360.0	391.3	409.4	414.2	433.6	442.9	436.0	424.5	417.5	409.9	395.5
50,0°	304.5	344.2	380.7	420.9	449.8	457.4	469.8	469.0	452.7	428.2	417.4	406.6	382.1
52,5°	304.9	358.7	400.5	452.1	494.2	499.2	498.2	489.2	461.6	427.7	409.7	393.8	368.3
55,0°	302.1	362.4	423.0	480.3	533.9	539.2	523.7	503.2	465.0	424.0	395.4	375.9	343.4
57,5°	291.3	356.7	421.6	499.2	562.0	575.5	542.3	508.2	465.3	414.1	377.2	350.7	309.7
60,0°	266.5	336.1	412.3	494.5	567.6	592.3	556.3	509.5	462.1	402.6	357.1	321.9	274.8
62,5°	230.5	307.5	391.6	474.0	551.0	594.4	560.7	505.5	451.6	386.4	332.8	291.7	240.0
65,0°	209.7	280.0	362.2	439.3	519.7	578.1	555.7	495.3	435.9	368.7	308.3	260.5	209.5
67,5°	193.4	259.7	334.8	403.2	479.5	544.2	527.9	469.0	406.7	340.4	278.6	229.6	179.0
70,0°	181.5	243.8	309.6	365.3	431.9	492.4	483.7	425.3	363.8	303.4	245.9	199.6	156.5
72,5°	160.4	223.3	276.5	326.7	378.0	422.4	416.7	366.3	307.8	255.7	210.9	176.5	136.4
75,0°	138.0	188.8	230.5	271.1	313.5	342.3	341.3	298.8	247.4	207.7	177.5	151.3	110.5
77,5°	104.3	146.1	177.1	207.1	239.7	257.8	257.7	228.1	187.6	157.7	139.7	124.5	101.8
80,0°	78.2	102.5	123.9	145.1	166.2	176.6	179.4	162.6	136.0	114.5	103.6	98.9	82.0
82,5°	55.0	70.5	83.9	98.0	110.1	117.0	122.2	115.7	100.5	84.8	74.3	71.5	54.9
85,0°	38.7	46.5	54.7	63.4	70.3	74.5	79.2	79.1	70.8	60.0	51.6	49.0	38.5
87,5°	21.9	25.2	28.7	32.5	35.6	36.7	38.4	39.1	35.9	30.7	27.1	25.8	22.7
90,0°	11.7	11.7	11.8	11.9	11.9	12.0	12.1	12.1	12.1	12.0	12.1	12.1	12.1
92,5°	10.0	10.1	10.1	10.3	10.3	10.5	10.7	10.9	11.0	11.0	11.1	11.1	11.1
95,0°	8.9	9.0	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.0	10.0
97,5°	8.3	8.5	8.6	8.7	8.8	8.8	8.9	8.9	8.9	9.0	9.0	8.9	8.9
100,0°	8.0	8.1	8.2	8.3	8.4	8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5
102,5°	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.2
105,0°	7.3	7.5	7.6	7.7	7.7	7.7	7.7	7.8	7.8	7.9	7.9	7.9	7.9
107,5°	7.0	7.2	7.2	7.3	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.6	7.6
110,0°	6.7	6.9	7.0	7.0	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.3	7.3
112,5°	6.4	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
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°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
2,5°	39.1	39.8	39.8	39.6	39.2	39.1	30.6	30.2	29.7	28.9	27.4	26.4	26.4
5,0°	60.9	63.0	66.5	68.2	68.9	70.5	37.3	37.0	35.4	34.4	33.6	31.3	29.9
7,5°	88.9	91.9	96.3	99.7	99.7	99.6	49.9	47.6	45.1	41.5	39.6	39.6	39.3
10,0°	134.7	140.1	148.8	154.2	158.3	162.8	78.8	69.2	57.0	47.8	43.8	40.6	41.6
12,5°	169.0	171.7	171.4	173.4	177.3	174.8	80.0	74.0	72.3	76.9	69.3	61.1	51.7
15,0°	195.1	203.0	206.1	216.4	220.9	223.6	118.9	115.8	109.4	95.7	80.3	68.7	64.7
17,5°	229.0	235.0	247.5	252.2	258.3	257.9	143.7	122.7	110.5	97.1	94.7	92.0	84.3
20,0°	233.4	239.1	248.5	255.1	255.1	253.4	153.7	134.2	123.3	113.5	107.0	88.9	80.6
22,5°	246.4	252.0	257.5	264.6	266.6	266.9	159.0	151.7	144.2	126.3	108.2	90.9	74.7
25,0°	255.9	265.1	271.8	276.3	275.3	274.3	176.6	167.4	148.6	131.6	112.8	99.7	81.5
27,5°	273.9	275.1	277.1	283.7	285.9	283.5	186.1	167.9	153.0	136.4	121.3	104.1	82.9
30,0°	292.1	296.0	295.3	292.5	285.6	282.2	198.0	179.3	165.2	143.9	123.5	101.8	77.6
32,5°	319.5	309.7	303.4	302.3	305.2	306.3	196.5	177.3	165.0	137.1	119.5	92.2	69.4
35,0°	329.7	325.0	323.7	319.1	318.1	319.5	221.2	197.7	169.9	141.6	115.4	89.5	66.0
37,5°	349.6	342.9	332.5	326.7	327.7	328.0	247.3	215.3	186.0	152.4	116.7	84.9	63.4
40,0°	362.2	349.6	339.5	336.0	337.4	336.9	255.7	223.4	184.8	148.3	108.8	78.7	63.5
42,5°	373.1	354.3	341.7	341.7	343.6	343.0	266.1	231.6	188.5	146.5	103.4	75.9	63.5
45,0°	377.6	353.2	341.3	342.1	344.7	344.5	275.6	235.9	186.5	136.3	94.8	72.8	63.3
47,5°	373.1	346.1	333.3	335.3	339.6	340.1	280.4	236.2	182.7	129.7	88.0	71.3	62.9
50,0°	357.5	329.7	318.1	322.2	327.5	326.8	280.0	229.9	174.0	116.6	79.4	66.9	60.0
52,5°	333.2	305.5	296.1	300.0	306.9	306.6	277.4	224.3	162.7	105.4	72.5	62.0	55.7
55,0°	301.9	274.2	266.6	271.4	278.2	279.5	264.3	208.2	145.3	91.8	65.4	56.9	51.5
57,5°	264.5	236.6	230.6	235.5	242.7	244.9	241.3	184.9	124.9	80.2	60.9	53.8	49.2
60,0°	227.1	197.7	192.9	197.6	204.6	206.8	208.7	155.0	103.6	71.5	58.7	53.7	49.3
62,5°	190.0	161.0	155.4	159.7	166.2	168.6	177.2	130.8	89.6	67.7	59.3	54.9	50.8
65,0°	159.4	130.7	123.6	127.2	133.1	134.2	155.0	111.6	80.5	65.7	59.3	55.6	51.2
67,5°	131.9	104.0	96.1	97.5	101.0	102.9	139.8	99.8	75.8	64.2	59.0	55.6	51.2
70,0°	109.9	82.6	74.4	74.3	76.3	78.8	126.3	90.4	71.2	61.6	56.7	54.4	50.3
72,5°	90.8	65.5	57.4	56.0	57.6	59.0	111.8	80.9	66.9	59.1	54.7	52.8	50.1
75,0°	74.8	52.5	45.0	43.6	45.0	47.1	93.0	69.8	60.1	54.3	50.8	50.2	48.9
77,5°	62.9	42.7	36.0	34.5	35.6	38.1	74.2	58.4	52.4	48.8	46.6	46.2	45.8
80,0°	51.1	34.5	28.8	27.3	27.8	29.2	56.2	46.7	43.9	42.2	41.1	41.0	41.7
82,5°	38.0	28.1	23.6	22.2	22.2	22.7	42.7	37.5	36.2	36.3	36.3	36.2	37.4
85,0°	29.8	23.4	19.9	18.5	18.1	18.1	31.4	29.1	29.2	30.4	31.3	30.8	32.4
87,5°	19.9	17.0	14.9	13.7	13.2	13.0	19.7	19.5	20.3	22.2	23.6	23.2	24.7
90,0°	12.2	12.2	12.0	11.5	11.2	11.0	11.7	12.0	12.6	13.7	14.8	14.6	15.5
92,5°	11.3	11.3	11.0	10.6	10.4	10.3	10.0	10.2	10.5	11.0	11.5	10.8	9.9
95,0°	10.1	10.1	10.1	9.8	9.6	9.6	8.6	8.3	8.0	7.7	7.3	7.0	6.7
97,5°	8.9	8.9	8.9	8.9	8.9	8.9	8.1	7.8	7.5	7.2	6.9	6.5	6.2
100,0°	8.6	8.5	8.5	8.5	8.5	8.5	7.7	7.5	7.2	6.9	6.6	6.3	6.0
102,5°	8.2	8.2	8.2	8.2	8.2	8.2	7.4	7.2	6.9	6.6	6.3	6.0	5.8
105,0°	7.9	7.9	7.9	7.9	7.9	7.9	7.2	6.9	6.7	6.4	6.1	5.8	5.6
107,5°	7.6	7.6	7.6	7.7	7.7	7.6	6.8	6.6	6.4	6.1	5.9	5.6	5.4
110,0°	7.3	7.4	7.4	7.4	7.4	7.4	6.5	6.3	6.1	5.9	5.7	5.4	5.2
112,5°	7.1	7.1	7.1	7.1	7.1	7.2	6.3	6.1	5.9	5.7	5.5	5.3	5.0

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
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°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	0.0	0.0
2,5°	26.7	27.2	27.7	28.1	28.2	28.3	28.4	28.5	28.2	27.9	27.7	0.4	0.4
5,0°	29.1	26.7	27.5	28.4	28.3	28.1	27.0	26.1	24.9	24.0	23.7	1.0	1.4
7,5°	40.9	36.9	34.1	32.6	35.3	33.0	30.1	26.2	23.6	21.6	20.7	2.0	3.5
10,0°	43.8	47.4	45.2	40.1	36.2	34.5	29.8	23.7	21.0	20.1	20.2	3.7	7.2
12,5°	44.2	46.2	53.2	47.2	42.8	39.7	29.1	22.2	19.6	19.7	19.8	5.6	12.8
15,0°	60.4	53.1	52.1	41.8	35.5	34.2	35.9	29.4	25.8	23.0	22.8	8.4	21.1
17,5°	74.1	66.6	64.5	49.3	46.8	37.4	32.5	30.7	30.4	27.2	27.7	11.3	32.4
20,0°	74.9	65.5	57.7	52.4	47.4	40.7	38.4	36.5	33.3	35.1	37.4	13.6	46.0
22,5°	64.7	53.8	47.3	44.6	47.1	46.2	46.0	46.8	42.3	45.7	47.8	16.2	62.2
25,0°	67.8	51.9	45.4	43.9	44.6	45.5	47.2	50.6	53.0	58.8	63.8	18.6	80.8
27,5°	62.6	48.2	42.0	40.8	41.5	45.1	48.0	45.3	50.4	51.5	52.6	21.4	102.2
30,0°	59.6	46.5	40.9	39.3	39.6	41.0	42.3	39.5	40.2	41.1	42.6	23.8	126.0
32,5°	54.9	45.6	41.2	39.4	39.1	39.4	39.7	38.0	37.7	38.1	39.9	27.0	153.0
35,0°	52.2	44.2	41.0	39.6	39.4	38.9	38.8	37.8	35.5	36.6	37.8	30.7	183.7
37,5°	53.1	44.7	40.9	39.2	39.0	38.7	38.1	37.4	35.0	35.8	37.2	34.5	218.1
40,0°	54.4	45.9	42.2	39.3	38.7	38.0	37.2	36.7	34.2	35.2	36.8	37.8	256.0
42,5°	54.6	47.3	42.7	39.9	38.8	37.7	36.9	36.1	33.9	34.4	36.1	41.5	297.5
45,0°	55.1	46.9	41.9	40.2	39.9	38.3	37.0	36.1	33.9	34.2	35.9	45.0	342.5
47,5°	54.6	46.7	42.1	42.5	42.9	41.1	39.6	38.4	35.6	34.9	36.4	48.0	390.5
50,0°	52.4	44.6	42.0	45.5	48.2	47.6	46.1	44.8	42.2	41.0	42.9	50.7	441.2
52,5°	48.8	42.2	42.4	48.0	51.8	52.6	52.2	52.4	51.9	50.2	52.3	52.8	493.9
55,0°	45.5	40.2	42.0	48.7	53.5	55.4	55.5	56.0	56.2	56.2	58.7	53.8	547.7
57,5°	43.8	39.9	41.7	47.6	52.1	54.3	55.7	55.9	55.5	56.0	58.2	53.5	601.3
60,0°	44.2	40.2	41.3	46.1	49.4	51.4	52.8	53.0	52.5	52.9	55.2	52.0	653.3
62,5°	45.7	41.6	41.8	45.2	46.7	47.9	49.2	49.5	49.1	49.0	51.2	49.7	703.0
65,0°	46.8	42.6	42.0	44.5	44.0	43.6	44.7	44.9	45.0	44.6	46.8	47.0	750.0
67,5°	47.3	43.5	42.6	43.8	41.6	39.3	39.3	39.5	39.4	38.7	40.5	43.7	793.6
70,0°	47.5	44.8	43.9	43.8	39.7	35.1	34.7	35.2	35.4	35.0	36.8	40.0	833.6
72,5°	46.9	44.3	43.6	41.9	36.9	30.5	29.5	29.7	29.4	29.1	30.4	35.4	868.9
75,0°	45.6	43.8	42.7	39.6	33.9	26.2	24.8	25.1	24.6	24.3	25.3	30.0	898.9
77,5°	43.3	41.3	40.2	36.3	30.2	22.1	20.6	20.7	20.2	20.3	20.8	24.1	923.0
80,0°	40.4	37.9	37.1	33.0	26.7	18.4	16.8	16.6	15.9	16.0	15.3	18.2	941.2
82,5°	37.3	34.3	33.4	29.3	24.0	17.0	14.0	13.5	12.6	12.5	12.3	13.6	954.8
85,0°	33.3	29.7	28.6	24.5	20.5	14.5	11.6	11.3	10.5	10.3	10.3	9.9	964.7
87,5°	26.0	23.4	22.3	19.1	16.1	10.6	9.2	8.6	8.3	7.8	7.3	6.0	970.8
90,0°	16.3	14.9	14.2	12.4	10.3	7.5	6.9	6.6	6.3	6.1	6.2	3.2	974.0
92,5°	9.0	7.7	6.9	6.2	5.7	5.3	4.9	4.7	4.4	4.1	4.2	2.5	976.5
95,0°	6.4	6.0	5.7	5.4	5.1	4.8	4.5	4.3	4.2	3.9	3.9	2.2	978.7
97,5°	5.9	5.7	5.4	5.1	4.8	4.6	4.4	4.2	4.0	3.7	3.7	2.0	980.7
100,0°	5.7	5.5	5.2	4.9	4.7	4.4	4.3	4.1	3.9	3.6	3.6	1.9	982.6
102,5°	5.5	5.3	5.0	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.4	1.8	984.4
105,0°	5.4	5.1	4.9	4.7	4.4	4.2	4.0	3.8	3.7	3.4	3.4	1.7	986.1
107,5°	5.2	5.0	4.7	4.5	4.3	4.1	3.9	3.8	3.5	3.3	3.3	1.6	987.7
110,0°	5.0	4.8	4.6	4.4	4.2	4.0	3.9	3.7	3.4	3.2	3.2	1.6	989.3
112,5°	4.9	4.7	4.5	4.3	4.1	3.9	3.8	3.6	3.4	3.2	3.1	1.5	990.7

Photometric test report

Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
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°	6.2	6.3	6.3	6.4	6.5	6.5	6.5	6.6	6.7	6.7	6.7	6.8	6.8
117,5°	5.8	5.9	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.5
120,0°	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.2	6.2	6.3
122,5°	5.1	5.2	5.3	5.4	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.9
125,0°	4.6	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.3	5.4
127,5°	4.0	4.0	4.1	4.2	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.6
130,0°	3.2	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.6
132,5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6
135,0°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
137,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
140,0°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.3
142,5°	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
145,0°	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
147,5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	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: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
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°	6.8	6.9	6.9	6.9	6.9	6.9	6.0	5.8	5.7	5.4	5.3	5.1	4.9
117,5°	6.6	6.6	6.6	6.7	6.7	6.7	5.7	5.5	5.4	5.2	5.0	4.8	4.7
120,0°	6.3	6.3	6.4	6.4	6.4	6.4	5.4	5.2	5.1	4.9	4.8	4.5	4.4
122,5°	6.0	6.0	6.0	6.1	6.1	6.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1
125,0°	5.4	5.5	5.5	5.6	5.6	5.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8
127,5°	4.7	4.7	4.8	4.8	4.8	4.8	3.9	3.8	3.7	3.6	3.5	3.4	3.3
130,0°	3.6	3.7	3.7	3.7	3.7	3.7	3.1	3.1	3.0	2.9	2.8	2.8	2.7
132,5°	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.4	2.4	2.3	2.3	2.3	2.2
135,0°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
137,5°	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
140,0°	1.3	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4
142,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.8	0.8	0.8	0.8	0.8	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
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°	4.7	4.5	4.3	4.2	4.0	3.8	3.7	3.5	3.3	3.1	3.0	1.4	992.1
117,5°	4.5	4.3	4.1	4.0	3.8	3.7	3.5	3.3	3.1	2.9	2.8	1.3	993.4
120,0°	4.2	4.1	3.9	3.8	3.6	3.4	3.3	3.1	2.9	2.8	2.6	1.2	994.6
122,5°	4.0	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.6	1.1	995.7
125,0°	3.6	3.5	3.4	3.2	3.1	3.0	2.8	2.7	2.5	2.4	2.5	1.0	996.7
127,5°	3.2	3.1	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.2	0.8	997.5
130,0°	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.8	0.6	998.1
132,5°	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	0.5	998.6
135,0°	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	0.4	999.0
137,5°	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	0.3	999.3
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	0.2	999.5
142,5°	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	0.2	999.7
145,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.2	999.9
147,5°	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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: 5XA5235EF14H + 5XA54000XS EAN: 4058352635759 + 4050737730073	LP number 58301_28
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	1470	10.5	10.8	10.6
95	241	252	1395	10.0	10.3	10.2
90	229	250	1325	9.4	9.8	9.6
85	216	248	1250	8.9	9.2	9.0
80	203	246	1175	8.3	8.7	8.5
75	190	243	1100	7.8	8.1	8.0
70	178	241	1030	7.3	7.6	7.4
65	165	238	955	6.9	7.1	7.0
60	152	235	880	6.4	6.6	6.5
55	140	232	810	5.9	6.1	6.0
50	127	229	735	5.4	5.6	5.5
45	114	225	660	5.0	5.2	5.1
40	102	221	590	4.6	4.7	4.6
35	89	216	515	4.1	4.3	4.2
30	76	210	440	3.7	3.8	3.8
28	72	208	417	3.5	3.7	3.6