

Photometric test report

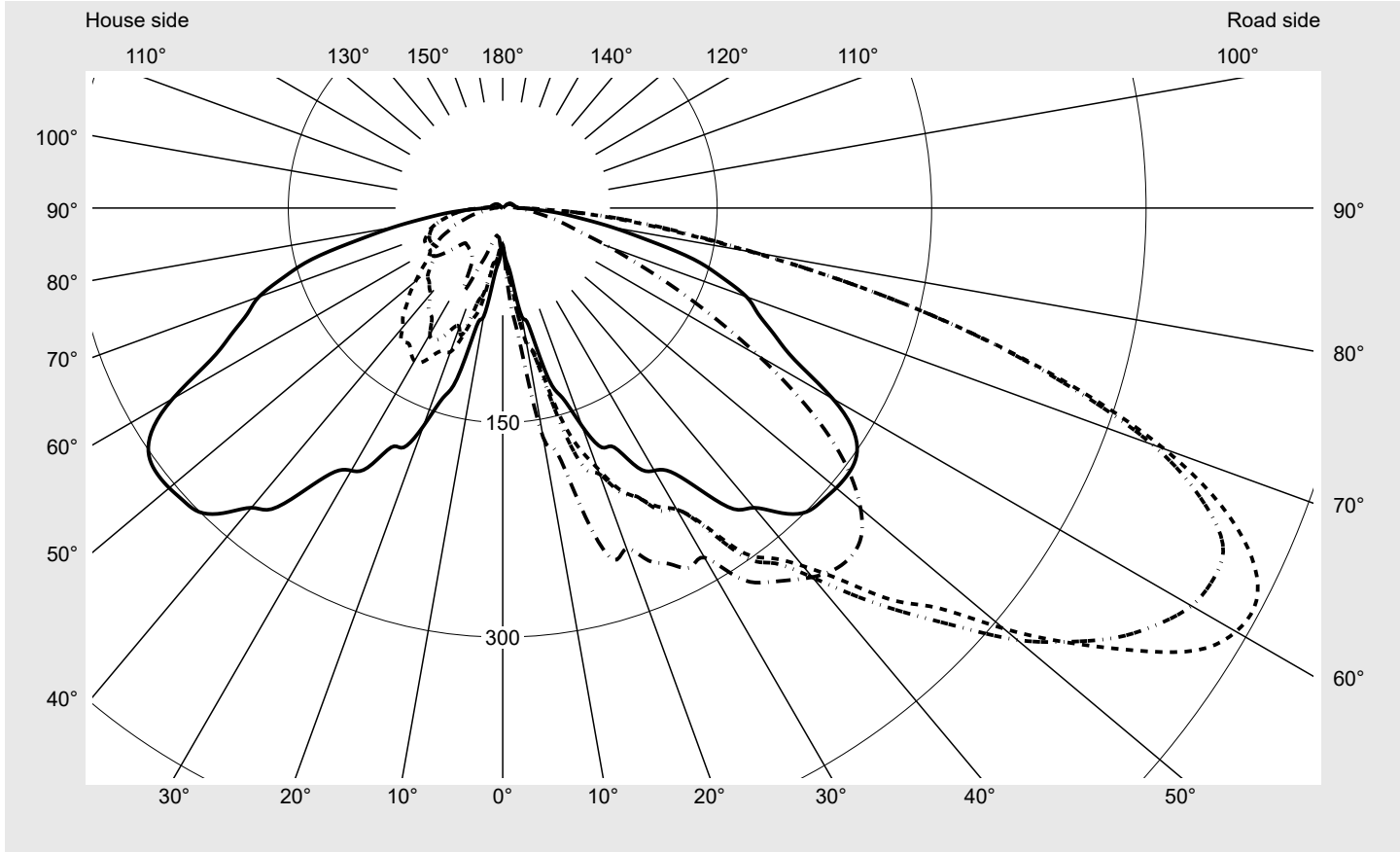
Family MUSHROOM LUMINAIRE LED	Order number: 5XA5235KF14H + 5XA54000XSA EAN: 4058352833162 + 4058352161326	LP number 58301_31
	Version post-top- or mounting to wall arm, spreader element, amber Optic asymmetric, wide distribution (ST1.2a) Cover cover transparent, PMMA Lamps LED 4000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 1090 lm Power consumption = 10.0 W Luminous efficacy = 109 lm/W	serial documentation 07.07.2022







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



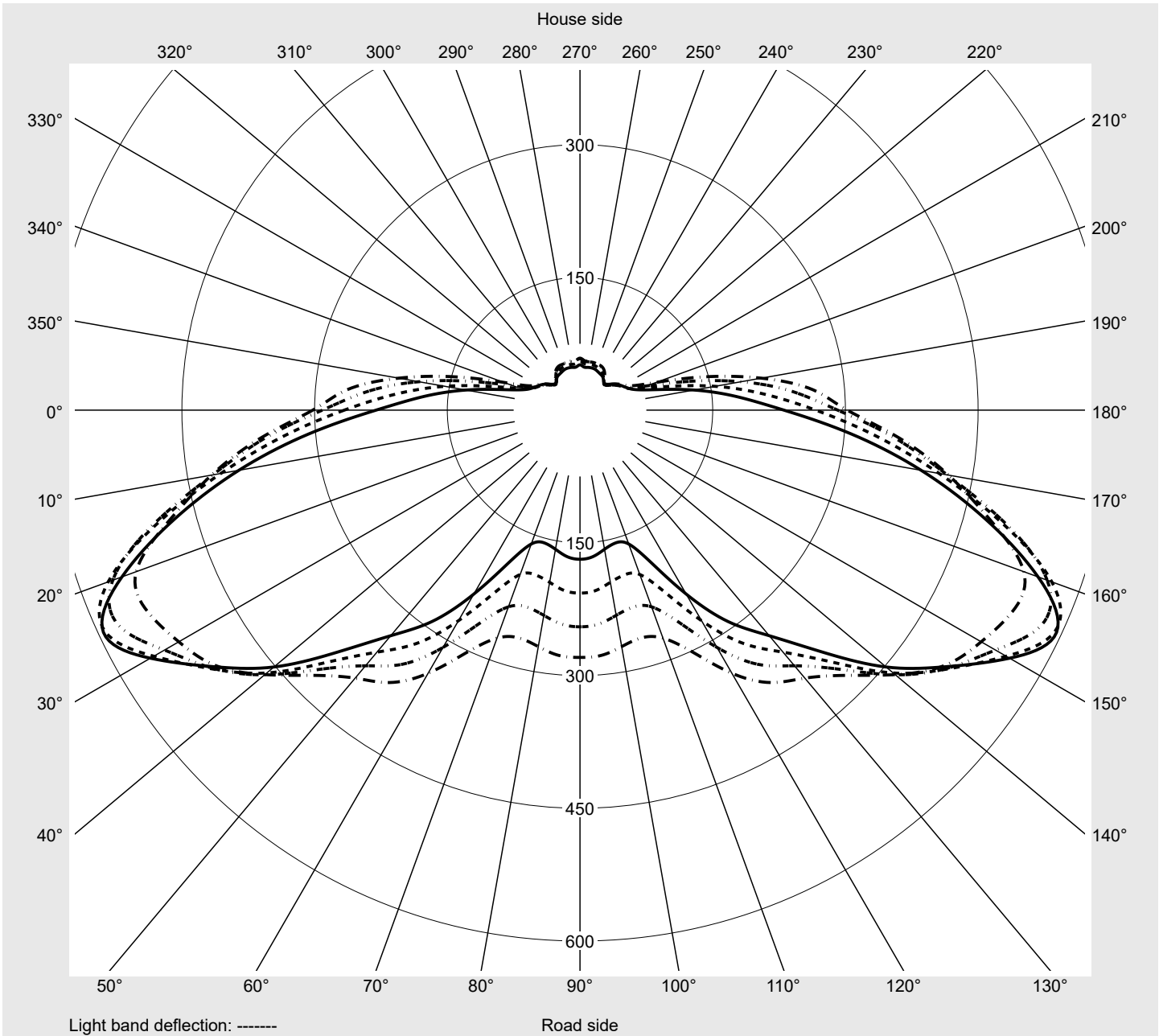
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	97.2%
Eta 90° - 180°	2.8%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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

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Envelope curve in cd/klm **KMK 62.5°** **KMK 60°** **KMK 57.5°** **KMK 55°** **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°	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

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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°	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

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Table of values for luminous intensities		Maximum luminous intensity
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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: 5XA5235KF14H + 5XA54000XSA EAN: 4058352833162 + 4058352161326	LP number 58301_31
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: 5XA5235KF14H + 5XA54000XSA EAN: 4058352833162 + 4058352161326	LP number 58301_31
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: 5XA5235KF14H + 5XA54000XSA EAN: 4058352833162 + 4058352161326	LP number 58301_31
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: 5XA5235KF14H + 5XA54000XSA EAN: 4058352833162 + 4058352161326	LP number 58301_31
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	1090	10.0	10.4	10.2
95	241	252	1034	9.5	9.9	9.7
90	229	250	983	9.0	9.3	9.2
85	216	248	927	8.5	8.8	8.6
80	203	246	871	8.0	8.3	8.2
75	190	243	815	7.6	7.7	7.6
70	178	241	764	7.1	7.3	7.2
65	165	238	708	6.6	6.8	6.7
60	152	235	652	6.1	6.4	6.2
55	140	232	601	5.7	5.9	5.8
50	127	229	545	5.3	5.5	5.4
45	114	225	489	4.8	5.0	4.9
40	102	221	438	4.4	4.6	4.5
35	89	216	382	4.0	4.1	4.0
30	76	210	326	3.6	3.7	3.6
30	75	209	322	3.5	3.7	3.6