
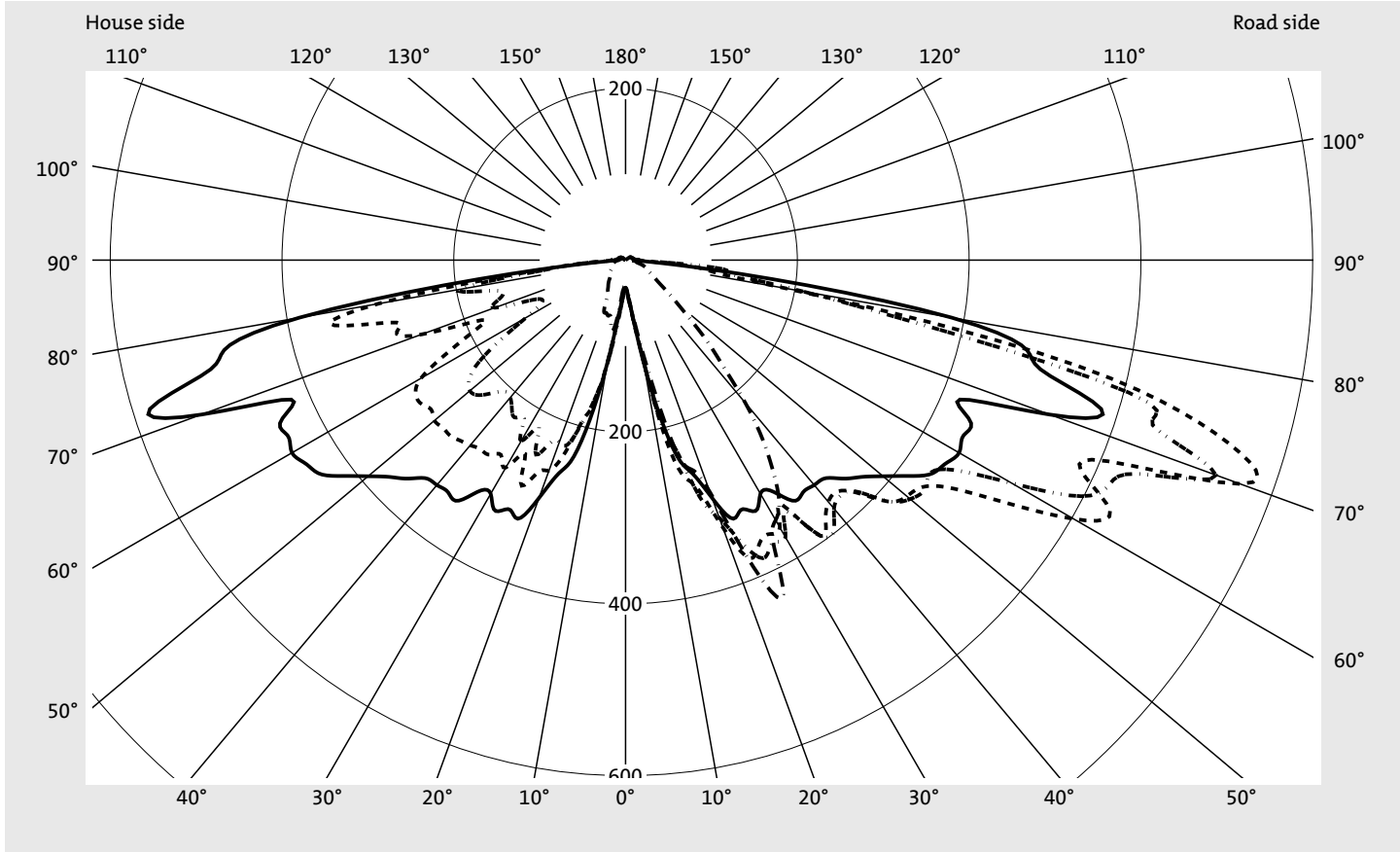


# Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5233BB14HP</b> <b>EAN: 4058352436103</b>	<b>LP number</b> <b>58713_7</b>
	<b>Version</b> post-top- or mounting to wall arm <b>Optic</b> asymmetric, extremely wide distribution (P1.0a) <b>Cover</b> cover transparent, PMMA <b>Lamps</b> LED 2200 K   CRI ≥ 70 <b>Controlgear</b> ECG Plus <b>Rated values</b> Net luminous flux = 2730 lm Power consumption = 25.5 W Luminous efficacy = 107.1 lm/W	<b>serial documentation</b> <b>03.09.2020</b>



**Luminous intensity in cd/klm**
C180-0
C190-10
C195-15
C270-90
**Imax: 761 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	96.8%
Eta 90° - 180°	3.2%

Luminous intensity class acc. to EN13201-2	
Class:	---
Imax 70°	761.5
Imax 80°	385.6
Imax 90°	18.1
Imax >90°	11.5
Imax >95°	9.8

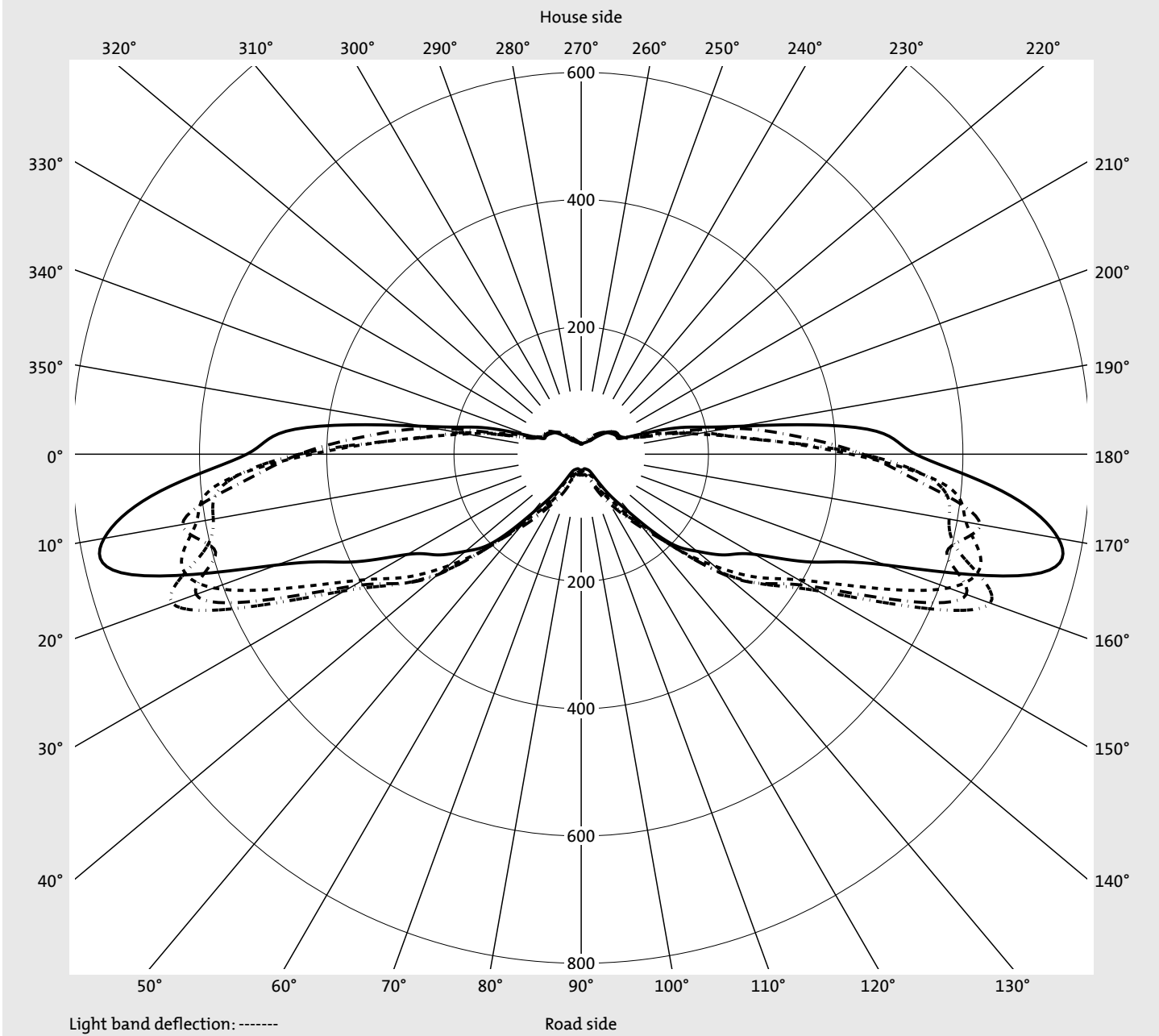
**Measurement conditions**  
 DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5233BB14HP</b> <b>EAN: 4058352436103</b>	<b>LP number</b> <b>58713_7</b>
--	---	------------------------------------



**Envelope curve in cd/klm**      **KMK 70°**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**




## Photometric test report

Family <b>MUSHROOM LUMINAIRE LED</b>	Order number: <b>5XA5233BB14HP</b> EAN: <b>4058352436103</b>	LP number <b>58713_7</b>
<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°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
2,5°	34.8	34.6	35.8	35.1	36.0	34.9	35.8	34.6	35.6	34.1	35.5	34.1	35.8
5,0°	47.3	44.4	44.1	42.5	44.2	44.6	48.0	46.8	50.1	47.0	51.1	48.0	51.3
7,5°	69.7	66.3	73.0	71.1	78.0	70.2	77.8	71.3	76.8	78.9	85.7	80.9	83.3
10,0°	120.5	117.8	117.6	115.0	123.4	103.6	114.3	112.4	121.4	111.0	117.6	114.1	118.1
12,5°	187.1	196.1	208.0	199.4	200.9	178.2	180.8	175.1	183.2	174.7	179.1	171.1	175.3
15,0°	239.8	242.6	259.6	229.8	245.2	261.9	274.3	251.2	242.2	225.0	223.3	217.6	226.9
17,5°	261.0	263.2	278.4	291.1	300.6	298.5	308.9	277.4	293.7	307.0	319.0	294.7	287.9
20,0°	294.6	298.9	330.9	319.2	339.5	354.3	357.8	356.6	356.2	344.2	341.1	329.2	334.0
22,5°	325.7	363.6	375.1	358.1	358.8	350.5	350.0	350.4	341.9	351.7	335.4	345.2	338.8
25,0°	320.1	342.3	366.7	382.4	377.9	365.7	360.9	354.1	351.7	339.5	331.9	333.7	329.7
27,5°	328.8	349.8	359.6	371.0	373.9	372.0	380.7	365.2	361.4	337.3	323.0	324.4	307.5
30,0°	314.0	344.5	359.3	372.4	371.5	362.9	354.5	349.0	341.2	326.8	312.8	313.2	294.4
32,5°	319.4	328.3	336.9	346.0	355.0	363.3	372.4	345.2	344.0	326.1	299.0	297.2	270.0
35,0°	342.1	370.8	390.3	388.7	375.1	359.1	356.7	349.8	339.9	317.3	282.9	271.0	245.2
37,5°	340.0	362.6	382.7	398.0	395.1	372.4	354.1	338.0	325.9	308.5	270.1	245.2	222.4
40,0°	341.7	345.2	367.4	377.6	378.1	371.0	364.1	352.2	315.6	288.0	246.4	223.6	212.8
42,5°	344.3	341.4	365.2	371.2	372.4	370.2	355.2	344.0	300.6	272.4	230.2	196.6	190.1
45,0°	359.6	361.5	383.6	381.0	380.0	366.5	346.7	330.7	289.6	248.8	208.7	183.9	178.5
47,5°	373.4	379.1	415.9	415.6	404.4	367.9	343.8	322.5	283.0	235.0	188.5	182.1	170.3
50,0°	391.3	399.8	427.7	432.6	427.8	396.3	363.6	326.1	276.0	210.4	165.6	170.8	158.0
52,5°	412.7	425.6	434.4	438.7	446.2	417.3	373.1	326.1	272.9	197.0	149.4	156.2	142.7
55,0°	434.0	458.1	462.4	432.8	442.1	425.4	377.4	322.5	269.6	195.7	147.2	144.1	123.1
57,5°	441.3	493.8	526.0	455.0	466.7	438.2	374.6	330.0	274.8	193.7	149.6	132.0	107.4
60,0°	448.5	535.3	602.4	519.1	534.4	475.0	384.8	338.0	284.9	199.0	155.3	120.3	96.4
62,5°	443.1	541.6	636.3	595.0	644.2	540.1	414.6	354.5	295.1	206.1	153.6	117.2	89.0
65,0°	442.8	565.7	587.2	620.6	684.2	564.2	429.4	357.6	291.0	207.8	142.7	110.7	73.3
67,5°	423.5	577.6	614.1	650.6	614.6	495.1	394.9	337.1	273.1	206.3	136.7	101.6	51.1
70,0°	525.6	663.9	761.5	731.5	509.1	401.1	314.9	276.0	237.2	197.0	124.1	78.9	40.3
72,5°	582.1	732.4	752.5	645.1	440.0	315.7	223.6	190.2	190.6	177.8	115.2	61.6	29.4
75,0°	505.3	541.8	657.5	621.5	312.1	226.7	154.9	142.6	133.9	127.6	83.8	54.9	23.8
77,5°	477.4	399.1	477.2	376.3	216.4	163.7	129.5	126.4	99.9	79.0	43.9	33.1	17.7
80,0°	385.6	282.0	189.6	209.4	153.4	120.5	98.8	94.2	67.0	56.0	37.5	26.9	15.7
82,5°	181.6	139.6	101.4	122.2	104.8	84.7	81.4	70.1	42.2	36.8	25.5	21.7	14.1
85,0°	49.4	55.1	71.1	109.3	84.7	66.6	59.2	48.4	34.1	28.4	21.7	17.7	12.7
87,5°	16.4	16.7	16.5	18.4	18.8	23.8	26.3	28.2	26.5	24.4	22.2	15.2	11.9
90,0°	13.4	14.3	13.8	14.8	13.8	16.0	16.2	18.1	16.7	16.2	14.1	13.1	11.2
92,5°	11.4	11.5	11.2	11.4	11.2	11.2	10.8	11.0	11.0	11.2	10.8	10.8	10.5
95,0°	10.5	10.5	10.3	10.3	10.3	10.3	10.0	10.2	10.0	10.0	9.6	9.6	9.3
97,5°	9.8	9.8	9.8	9.8	9.5	9.5	9.5	9.5	9.3	9.3	9.1	9.1	9.0
100,0°	9.1	9.1	9.1	9.1	9.1	9.1	9.0	9.1	9.0	9.0	8.8	8.8	8.8
102,5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6
105,0°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.6
107,5°	8.3	8.1	8.1	8.3	8.1	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.6
110,0°	7.9	8.1	7.9	8.1	8.1	8.1	8.1	8.1	8.3	8.3	8.3	8.3	8.4
112,5°	7.6	7.7	7.7	7.7	7.7	7.7	7.9	8.1	8.1	8.3	8.3	8.4	8.4

## Photometric test report

<b>Family</b> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5233BB14HP</b> <b>EAN: 4058352436103</b>	<b>LP number</b> <b>58713_7</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</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												
0,0°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
2,5°	34.3	36.3	34.6	37.0	34.9	37.2	35.3	34.8	35.8	35.6	38.9	37.7	38.7
5,0°	47.5	49.2	47.2	49.2	47.5	49.9	49.6	48.0	50.3	49.2	50.6	46.7	48.4
7,5°	74.5	76.4	69.7	70.9	67.7	64.4	77.1	70.6	79.4	74.7	75.6	69.4	67.7
10,0°	109.2	114.1	105.0	107.8	94.7	99.5	121.5	119.8	123.3	108.6	102.1	92.5	100.2
12,5°	157.5	172.9	157.9	162.4	153.4	157.7	182.3	172.0	165.6	147.4	147.9	141.3	129.8
15,0°	219.0	231.4	222.1	232.4	232.8	233.8	221.2	193.7	197.0	174.1	171.3	168.9	163.9
17,5°	276.5	275.5	261.3	258.9	251.7	255.5	251.9	235.9	225.4	221.9	203.0	196.8	176.3
20,0°	329.3	316.4	289.2	283.0	281.0	287.5	270.8	260.5	225.2	208.8	187.5	171.6	156.5
22,5°	344.5	342.6	348.5	370.0	359.6	382.2	292.5	267.7	231.0	204.7	181.8	171.8	141.0
25,0°	333.3	344.8	380.3	417.8	434.9	432.8	295.3	288.2	248.3	200.7	162.9	139.8	131.2
27,5°	303.7	318.7	350.7	368.9	382.2	373.2	287.9	253.4	218.8	192.0	164.4	151.0	139.3
30,0°	290.1	305.2	326.8	342.4	352.8	349.5	292.8	278.7	243.3	199.7	163.4	146.3	131.9
32,5°	271.8	287.3	309.0	328.0	336.8	333.0	297.5	269.4	220.0	186.6	166.0	150.1	109.5
35,0°	257.2	272.2	289.9	297.8	304.2	299.2	315.1	276.5	223.8	176.8	163.0	137.2	86.8
37,5°	237.2	246.2	261.3	261.9	267.9	261.3	314.2	277.4	217.4	189.4	162.9	117.6	67.7
40,0°	222.1	223.3	229.0	223.1	227.3	216.9	324.5	281.3	208.7	190.8	151.3	88.7	63.2
42,5°	201.4	200.7	201.6	185.2	183.2	169.8	331.8	284.9	207.3	189.0	120.7	69.7	62.8
45,0°	173.5	172.2	169.9	150.5	145.5	136.4	340.5	288.9	218.6	181.5	88.5	65.4	63.2
47,5°	157.0	144.4	144.3	120.3	112.6	103.0	352.2	288.7	232.6	162.2	73.7	66.5	63.5
50,0°	140.8	121.9	115.5	94.2	87.5	79.2	369.8	290.4	236.6	133.4	71.8	65.9	62.5
52,5°	122.4	101.6	94.7	75.6	69.7	63.0	383.8	285.4	229.5	107.4	73.5	65.9	60.9
55,0°	102.8	82.6	75.9	59.4	54.2	50.3	392.5	291.0	210.7	90.2	73.2	64.6	58.5
57,5°	88.7	66.8	59.2	47.3	43.9	42.4	394.9	289.6	172.3	81.8	71.6	61.3	59.2
60,0°	74.7	53.5	46.7	37.9	37.9	37.2	386.7	275.1	133.4	75.9	67.8	63.5	60.9
62,5°	67.5	46.1	36.5	32.5	33.1	32.7	334.7	234.3	111.6	74.7	67.0	65.6	62.7
65,0°	59.2	38.6	31.2	28.6	29.8	29.6	271.7	193.7	107.9	80.2	63.9	65.1	61.3
67,5°	38.6	30.1	26.9	26.0	27.4	27.2	276.0	183.2	125.2	79.7	60.9	63.0	59.2
70,0°	27.9	25.3	23.8	23.6	25.0	24.8	451.2	252.7	162.0	79.9	62.3	60.8	56.8
72,5°	22.7	20.0	20.7	21.3	22.4	22.0	533.4	279.4	156.2	60.3	58.2	56.6	53.5
75,0°	18.1	17.9	18.4	18.8	18.9	18.2	494.6	280.1	147.4	50.1	51.1	50.8	49.9
77,5°	16.0	16.2	16.5	15.7	15.3	14.1	342.1	349.3	165.3	52.7	46.8	49.1	48.4
80,0°	14.5	14.6	14.3	13.4	13.1	12.7	182.5	292.5	195.2	52.5	45.3	48.6	48.6
82,5°	13.6	13.1	12.6	12.1	12.1	11.7	138.8	138.2	111.0	43.9	42.0	47.5	43.2
85,0°	12.4	11.5	11.2	10.8	11.0	11.0	68.9	63.7	61.5	42.4	38.9	41.5	37.5
87,5°	11.2	10.7	10.3	10.0	10.0	10.0	17.9	21.7	22.2	23.4	25.8	26.0	21.0
90,0°	10.8	10.3	10.0	9.6	9.6	9.6	14.1	16.4	15.8	16.0	16.4	15.7	12.2
92,5°	10.5	10.2	9.6	9.5	9.3	9.3	11.2	11.0	10.7	10.5	10.0	9.8	9.6
95,0°	9.1	9.1	9.1	9.0	9.0	9.0	10.5	10.3	10.0	9.8	9.3	9.3	9.0
97,5°	9.0	9.0	9.0	9.0	9.0	9.0	9.8	9.6	9.5	9.1	8.8	8.8	8.4
100,0°	8.8	8.8	8.6	8.6	8.6	8.6	9.1	9.1	8.8	8.8	8.4	8.4	8.1
102,5°	8.8	8.4	8.4	8.4	8.6	8.3	8.8	8.8	8.4	8.1	8.1	7.7	7.7
105,0°	8.4	8.4	8.4	8.3	8.3	8.3	8.3	8.3	8.1	7.7	7.7	7.4	7.4
107,5°	8.6	8.4	8.4	8.3	8.3	8.3	8.1	7.9	7.7	7.7	7.4	7.2	7.1
110,0°	8.3	8.3	8.3	8.1	8.3	8.3	7.9	7.7	7.4	7.4	7.1	7.1	6.7
112,5°	8.4	8.3	8.3	8.1	7.9	7.9	7.6	7.4	7.2	7.1	7.1	6.7	6.5

## Photometric test report

Family <b>MUSHROOM LUMINAIRE LED</b>	Order number: <b>5XA5233BB14HP</b> EAN: <b>4058352436103</b>	LP number <b>58713_7</b>
<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°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	0.0	0.0
2,5°	38.9	39.8	38.9	40.3	40.3	38.4	39.6	38.0	40.3	37.0	40.6	0.4	0.5
5,0°	43.6	45.1	40.8	42.0	38.2	38.7	36.5	37.9	35.8	36.2	35.5	1.1	1.6
7,5°	63.9	65.8	61.1	62.5	55.8	58.0	54.4	60.4	57.5	59.9	58.9	2.5	4.1
10,0°	100.4	104.0	97.4	94.9	83.8	83.2	80.1	80.7	81.6	84.4	83.0	5.0	9.1
12,5°	124.6	122.2	115.2	110.0	100.9	92.6	81.1	77.8	79.0	76.6	77.8	8.9	18.0
15,0°	155.5	145.3	127.7	120.9	110.5	96.6	84.0	72.3	69.6	70.8	67.5	13.3	31.3
17,5°	143.6	130.7	130.7	123.6	110.0	99.9	83.0	75.1	68.7	68.7	67.8	17.9	49.2
20,0°	138.6	127.4	118.8	111.7	105.9	85.0	76.6	69.4	64.0	64.0	65.4	22.1	71.3
22,5°	128.1	114.7	109.7	98.3	89.0	76.4	68.7	64.4	60.4	63.9	65.4	25.9	97.2
25,0°	122.2	113.3	96.4	78.5	70.9	60.8	59.2	54.2	52.3	52.9	55.1	28.8	126.0
27,5°	120.3	94.3	75.8	61.8	56.0	53.7	51.6	46.8	45.6	43.4	44.1	30.0	156.0
30,0°	104.5	73.0	60.3	54.4	52.3	49.9	47.3	42.5	41.1	39.8	41.3	31.4	187.4
32,5°	79.4	58.7	56.0	53.0	50.8	47.9	45.3	40.1	37.9	36.7	37.9	32.4	219.9
35,0°	62.5	56.6	53.5	51.6	50.1	46.7	43.4	38.7	35.5	34.4	35.1	34.2	254.1
37,5°	62.2	59.2	54.6	50.6	47.3	43.7	41.0	36.7	32.9	32.0	32.4	35.0	289.0
40,0°	62.2	59.1	55.6	52.5	47.5	42.5	38.4	33.7	30.1	28.9	29.3	35.2	324.2
42,5°	61.6	58.2	55.6	50.6	45.8	41.0	36.8	32.0	28.2	26.7	26.5	35.1	359.3
45,0°	60.4	58.0	55.4	50.1	44.4	38.7	34.1	29.8	27.0	25.0	25.1	35.4	394.8
47,5°	60.3	58.4	55.1	51.0	44.4	37.9	32.7	28.4	25.5	23.8	23.4	36.4	431.2
50,0°	59.4	57.0	54.6	50.8	43.6	36.7	31.9	27.9	25.3	23.9	23.4	37.3	468.5
52,5°	57.5	55.8	53.0	49.1	42.2	35.5	30.3	27.0	24.4	23.2	22.7	38.1	506.6
55,0°	56.3	53.9	51.0	46.7	39.9	33.1	28.4	25.1	22.7	21.5	21.3	38.7	545.3
57,5°	54.9	51.0	49.6	44.1	37.2	31.0	26.7	23.4	21.5	20.1	19.6	39.9	585.1
60,0°	54.4	49.8	46.3	40.8	34.3	28.6	25.0	22.0	20.1	18.9	18.6	42.0	627.2
62,5°	54.4	48.6	42.9	37.0	31.5	26.5	23.4	20.8	19.3	17.9	17.9	44.2	671.4
65,0°	54.2	46.7	39.4	33.4	28.9	24.6	22.0	19.6	18.2	16.9	16.9	44.4	715.8
67,5°	54.2	45.5	36.8	29.8	26.2	22.7	20.5	19.1	17.7	16.2	16.2	43.5	759.3
70,0°	52.2	42.7	34.1	26.5	23.8	21.2	19.6	18.4	17.6	16.0	15.8	45.8	805.1
72,5°	50.1	41.7	32.4	24.8	22.2	20.1	18.8	17.6	16.7	15.3	15.2	43.9	849.0
75,0°	47.2	39.4	30.8	23.1	20.8	18.8	17.6	16.7	16.2	14.8	14.5	37.3	886.2
77,5°	43.0	37.5	29.4	22.0	19.8	17.7	16.7	16.0	15.0	13.8	13.8	29.9	916.1
80,0°	42.7	34.9	26.3	20.3	18.6	16.7	15.5	15.2	14.1	13.1	13.1	21.8	937.9
82,5°	37.7	30.8	22.2	18.2	17.2	16.0	15.0	14.1	13.4	12.7	12.1	14.1	951.9
85,0°	33.1	21.5	18.4	15.8	15.5	15.0	13.9	12.9	12.6	11.7	11.4	9.5	961.4
87,5°	16.9	12.6	12.2	10.3	10.7	10.0	10.2	10.0	10.0	9.8	9.0	4.5	966.0
90,0°	11.9	10.8	10.8	9.8	9.8	9.6	9.6	9.6	9.6	9.6	8.6	3.5	969.5
92,5°	9.8	9.5	9.5	9.5	9.3	9.3	9.3	9.5	9.1	9.3	8.3	2.8	972.3
95,0°	9.0	8.6	8.6	8.4	8.3	8.1	8.1	7.9	7.9	7.4	6.9	2.5	974.8
97,5°	8.4	8.1	8.1	7.7	7.7	7.6	7.6	7.6	7.2	7.1	6.5	2.4	977.2
100,0°	7.9	7.7	7.7	7.4	7.4	7.2	7.1	7.1	6.9	6.7	6.2	2.3	979.5
102,5°	7.6	7.4	7.4	7.1	7.1	7.1	6.7	6.7	6.7	6.4	6.2	2.2	981.7
105,0°	7.4	7.1	7.1	6.9	6.7	6.5	6.4	6.4	6.4	6.0	5.9	2.1	983.7
107,5°	7.1	6.9	6.9	6.5	6.5	6.5	6.4	6.2	6.2	5.9	5.9	2.0	985.7
110,0°	6.7	6.5	6.7	6.5	6.4	6.4	6.0	6.0	5.9	5.7	5.5	1.9	987.6
112,5°	6.4	6.2	6.4	6.2	6.4	6.0	6.0	5.9	5.7	5.5	5.5	1.8	989.5

### Photometric test report

Family <b>MUSHROOM LUMINAIRE LED</b>	Order number: <b>5XA5233BB14HP</b> EAN: <b>4058352436103</b>	LP number <b>58713_7</b>
---	---	-----------------------------

<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°
$\gamma$	Luminous intensity in cd/klm												
115,0°	7.2	7.2	7.4	7.4	7.4	7.7	7.6	7.7	7.9	7.9	8.1	8.3	8.1
117,5°	6.9	7.1	7.1	7.1	7.1	7.4	7.4	7.4	7.6	7.7	8.1	8.3	8.1
120,0°	6.5	6.7	6.7	6.9	6.9	7.1	7.1	7.1	7.2	7.4	7.7	7.9	7.7
122,5°	5.9	6.0	6.0	6.2	6.4	6.5	6.5	6.7	6.7	7.1	7.2	7.6	7.4
125,0°	5.0	5.2	5.2	5.5	5.3	5.7	5.5	5.9	5.7	6.2	6.5	6.7	6.5
127,5°	3.8	4.0	3.8	4.1	4.0	4.3	4.3	4.6	4.5	5.0	5.0	5.5	5.3
130,0°	2.6	2.8	2.6	2.8	2.8	3.1	2.9	3.3	3.3	3.6	3.4	4.1	4.0
132,5°	2.1	2.1	1.9	2.2	2.2	2.4	2.4	2.6	2.6	2.8	3.1	3.3	3.3
135,0°	1.5	1.7	1.5	1.7	1.7	2.1	2.1	2.2	2.2	2.4	2.6	2.8	2.8
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: 5XA5233BB14HP</b> <b>EAN: 4058352436103</b>	<b>LP number</b> <b>58713_7</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°	8.3	8.1	8.1	7.7	7.7	7.6	7.2	7.1	6.7	6.7	6.4	6.4	6.0
117,5°	8.3	8.1	7.9	7.7	7.6	7.6	6.9	6.7	6.4	6.4	6.2	6.0	6.0
120,0°	7.7	7.7	7.6	7.4	7.2	7.2	6.4	6.2	6.0	6.0	5.7	5.7	5.5
122,5°	7.4	7.2	7.2	6.7	6.9	6.5	5.7	5.7	5.5	5.3	5.2	5.2	5.0
125,0°	6.7	6.4	6.4	5.9	5.9	5.9	4.8	4.8	4.5	4.6	4.5	4.5	4.1
127,5°	5.2	5.0	5.0	4.5	4.5	4.1	3.6	3.6	3.4	3.4	3.1	3.1	2.9
130,0°	3.8	3.6	3.4	3.1	3.1	2.8	2.6	2.4	2.2	2.4	2.2	2.1	1.9
132,5°	2.9	2.8	2.6	2.4	2.4	2.4	1.9	1.9	1.7	1.7	1.5	1.5	1.5
135,0°	2.6	2.4	2.2	1.9	1.9	1.7	1.4	1.4	1.4	1.4	1.2	1.2	1.2
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°	6.0	5.9	6.0	6.0	6.0	5.9	5.9	5.7	5.5	5.2	5.2	1.7	991.2
117,5°	5.7	5.7	5.9	5.7	5.9	5.7	5.7	5.7	5.3	4.8	4.8	1.6	992.9
120,0°	5.3	5.3	5.5	5.3	5.5	5.3	5.5	5.5	5.2	4.6	4.8	1.5	994.4
122,5°	4.8	4.6	4.8	4.8	5.2	5.0	5.3	5.2	5.0	4.3	4.5	1.4	995.8
125,0°	4.1	3.8	4.1	4.1	4.3	4.1	4.6	4.6	4.3	3.8	3.8	1.2	996.9
127,5°	2.9	2.6	3.1	2.9	3.3	3.4	3.6	3.6	3.4	3.1	3.1	0.9	997.8
130,0°	1.9	1.9	2.1	2.1	2.4	2.4	2.8	2.9	2.8	2.4	2.4	0.6	998.3
132,5°	1.5	1.4	1.5	1.7	1.9	2.2	2.4	2.6	2.6	2.4	2.4	0.5	998.8
135,0°	1.2	1.2	1.2	1.5	1.7	1.7	2.1	2.4	2.4	2.4	2.4	1.2	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> <b>MUSHROOM LUMINAIRE LED</b>	<b>Order number: 5XA5233BB14HP</b> <b>EAN: 4058352436103</b>	<b>LP number</b> <b>58713_7</b>
--	---	------------------------------------

<b>Dimming levels table</b>	environmental temperature: 25°C	
-----------------------------	---------------------------------	---

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	2730	25.5	27.3	26.4
95	241	2590	23.8	25.6	24.7
90	229	2461	22.5	24.2	23.4
85	216	2322	21.1	22.6	21.8
80	203	2182	19.7	21.1	20.4
75	190	2042	18.3	19.6	19.0
70	178	1913	17.1	18.3	17.7
65	165	1773	15.8	16.9	16.4
60	152	1634	14.6	15.6	15.1
55	140	1505	13.4	14.3	13.8
50	127	1365	12.3	13.1	12.7
45	114	1225	11.2	11.9	11.6
40	102	1096	10.1	10.7	10.4
35	89	957	9.0	9.5	9.2
30	76	817	7.9	8.3	8.1
25	63	677	6.8	7.1	7.0
20	51	548	5.7	6.0	5.8
15	38	408	4.7	4.8	4.8
15	37	397	4.6	4.8	4.7