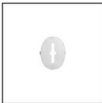


Photometric test report

Family
LANTERN LEDOrder number: 5XA5255MF14H + 5XA54000XS
EAN: 4058352833568 + 4050737730073LP number
59067_29serial
documentation
04.11.2022

Version post-top- or mounting to wall arm, spreader element, structured

Optic asymmetric, wide distribution (ST1.2a)

Cover cover transparent, PMMA

Lamps LED 2700 K | CRI ≥ 70

Controlgear ECG SITECO iQ

Rated values Net luminous flux = 1450 lm
Power consumption = 11.8 W
Luminous efficacy = 122.9 lm/W

siteco

Luminous intensity in cd/klm

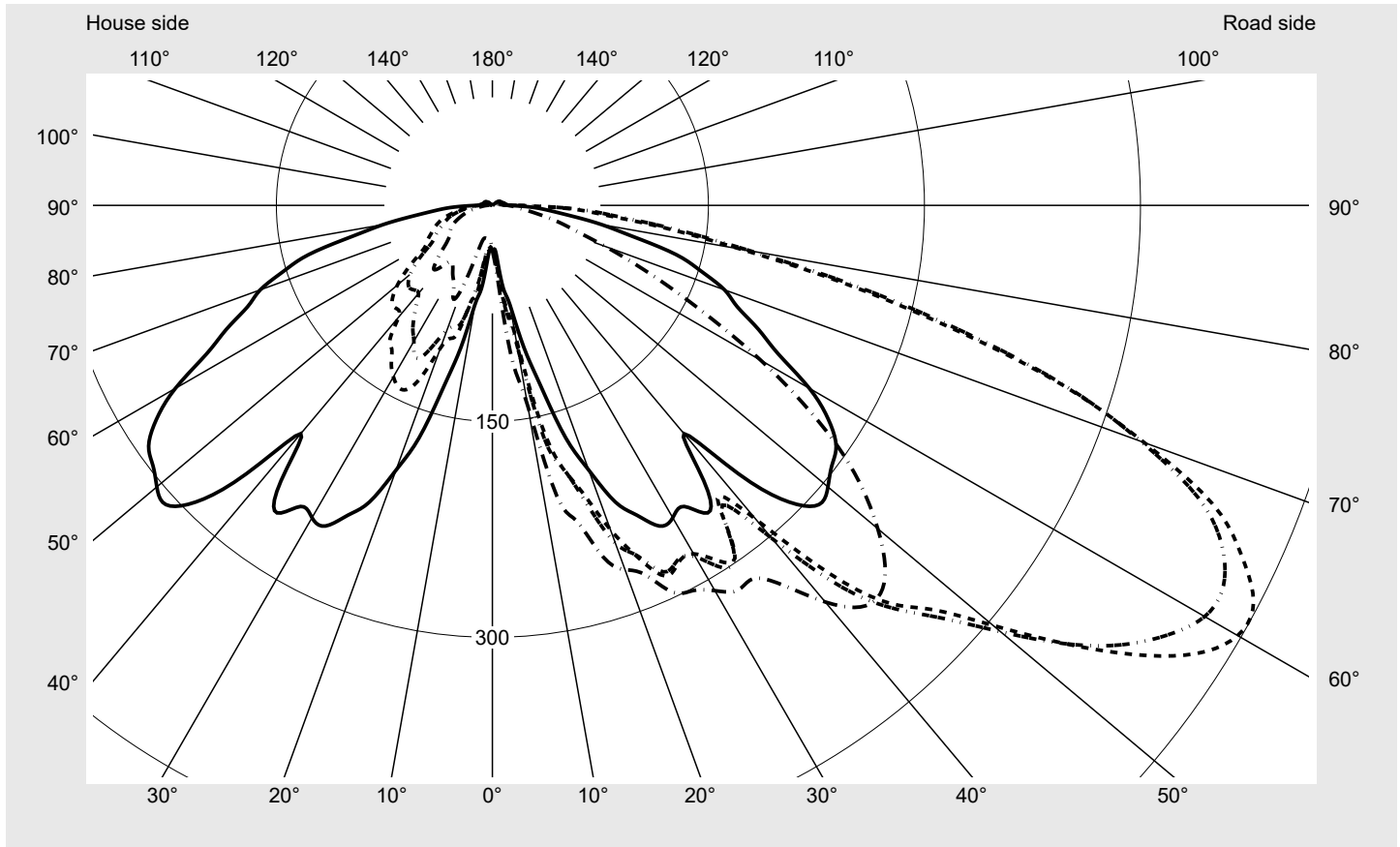
C180-0

C205-25

C210-30

C270-90

Imax: 598 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	97.6%
Eta 90° - 180°	2.4%

Luminous intensity class acc. to EN13201-2

Class:	G1
Imax 70°	481.7
Imax 80°	181.8
Imax 90°	18.2
Imax >90°	9.9
Imax >95°	8.8

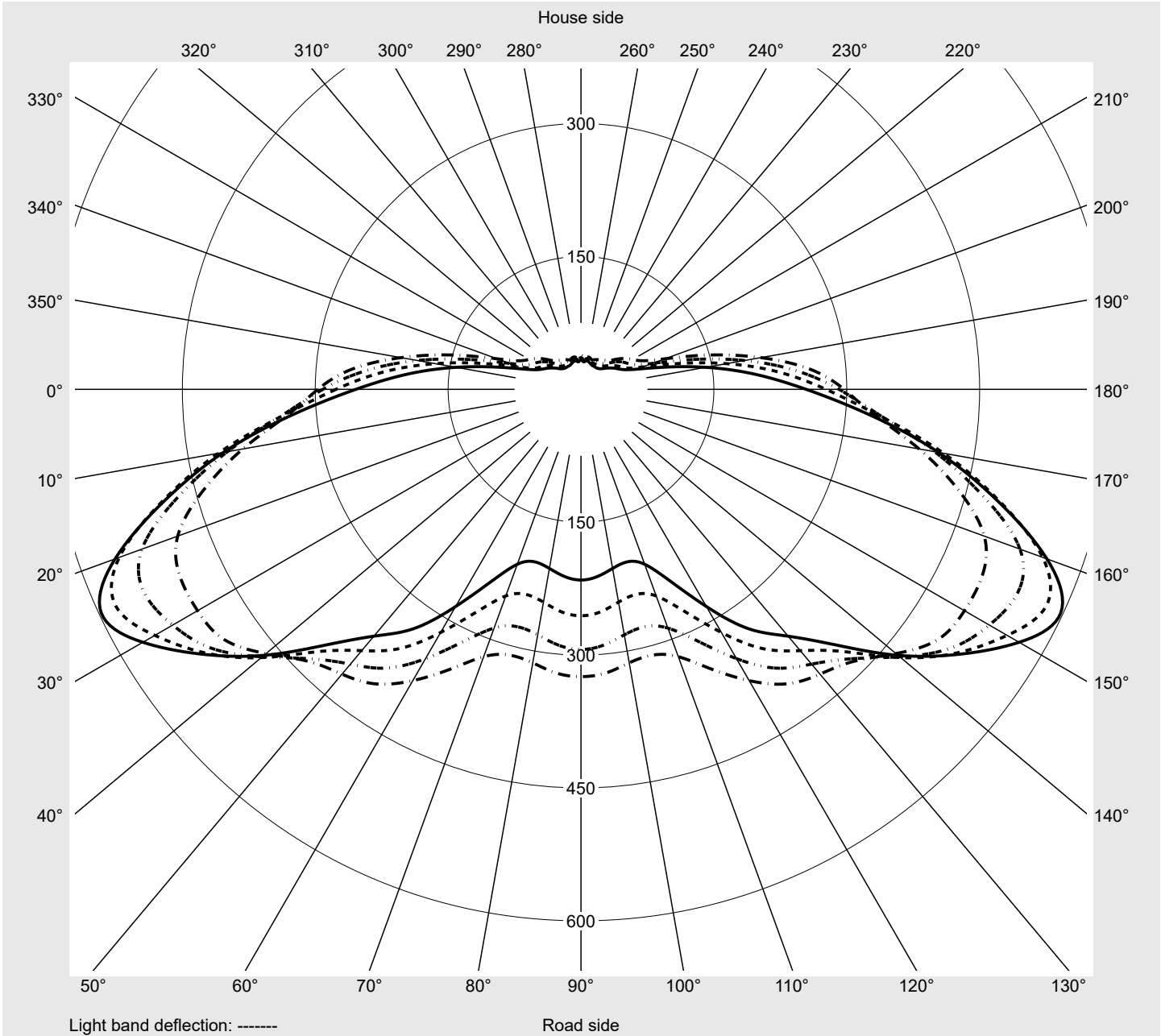
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XS EAN: 4058352833568 + 4050737730073	LP number 59067_29
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Envelope curve in cd/klm KMK 60° KMK 57.5° KMK 55° KMK 52.5° siteco



Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XS EAN: 4058352833568 + 4050737730073	LP number 59067_29
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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2,5°	30.4	30.7	31.2	31.5	32.7	32.9	33.5	34.1	34.9	36.1	36.9	37.8	38.1
5,0°	36.9	39.2	40.6	42.9	45.4	47.1	49.1	51.4	54.0	56.5	58.8	59.9	61.6
7,5°	58.2	61.6	64.5	66.5	67.6	70.1	74.7	78.1	80.7	85.2	88.3	92.9	96.8
10,0°	70.1	73.8	78.1	81.2	86.1	92.3	99.1	108.8	118.7	127.2	132.9	134.9	136.0
12,5°	101.1	124.4	123.8	124.7	139.2	154.2	165.0	165.9	163.9	166.1	169.3	172.4	174.4
15,0°	130.1	140.0	152.2	171.2	186.3	189.1	188.9	194.0	194.8	201.1	200.8	205.6	208.5
17,5°	169.3	180.6	195.4	201.9	204.5	209.9	216.7	220.4	225.5	228.0	226.1	228.3	230.6
20,0°	195.7	209.9	225.2	233.7	235.1	239.7	249.6	239.7	235.1	240.5	242.0	242.5	242.5
22,5°	222.9	232.3	248.2	259.9	263.3	265.0	263.5	260.4	254.7	258.4	257.6	259.9	266.4
25,0°	237.4	252.2	266.1	276.9	284.3	284.0	280.9	275.2	268.4	269.5	270.1	277.2	282.6
27,5°	251.1	262.4	275.2	275.5	278.0	279.7	278.0	280.9	282.0	284.3	290.2	293.9	298.5
30,0°	250.5	258.7	267.8	271.5	277.5	279.5	281.7	286.0	294.8	301.0	307.6	310.1	314.1
32,5°	247.9	256.7	268.9	276.3	287.1	292.8	298.5	307.0	312.7	323.2	332.0	333.7	329.2
35,0°	260.7	269.8	278.0	283.4	290.2	293.4	291.9	301.0	305.3	314.4	329.4	331.1	330.0
37,5°	241.1	242.2	246.2	254.2	257.6	256.7	262.4	281.7	304.7	322.9	334.0	342.8	351.3
40,0°	207.0	213.0	229.5	253.3	272.1	284.6	301.9	325.2	342.2	354.1	362.1	374.6	377.7
42,5°	252.8	273.8	298.2	315.0	332.3	347.3	360.1	370.3	378.0	382.8	389.9	396.2	391.9
45,0°	291.4	313.0	342.8	365.8	382.0	391.1	396.5	402.4	404.4	407.8	409.5	406.1	402.1
47,5°	307.6	328.3	361.2	392.8	410.7	415.8	424.6	432.5	429.1	420.9	420.0	417.8	409.2
50,0°	304.2	330.0	374.6	414.1	443.6	453.8	460.6	464.9	453.3	435.6	425.7	417.8	401.3
52,5°	297.1	332.6	387.7	441.6	484.5	499.5	499.8	492.2	464.0	434.5	419.7	405.8	379.7
55,0°	291.4	339.1	405.3	471.4	527.4	543.9	532.2	509.5	469.7	430.3	405.0	384.2	351.0
57,5°	276.6	337.4	415.8	489.6	554.6	579.4	555.5	518.6	471.1	418.6	385.1	357.3	316.9
60,0°	254.2	326.3	409.8	487.1	559.8	597.5	571.1	521.4	467.2	408.4	363.8	330.0	283.1
62,5°	224.1	302.7	389.9	465.5	543.3	595.8	572.3	515.5	456.1	391.9	338.5	298.5	247.9
65,0°	203.9	279.2	364.1	434.8	511.5	573.7	558.9	497.0	433.4	368.6	314.1	267.0	217.0
67,5°	184.0	262.4	340.2	401.6	471.4	541.0	530.5	465.8	401.0	338.8	285.1	237.4	186.0
70,0°	171.5	243.1	313.0	360.7	418.0	481.7	479.1	419.5	360.7	305.0	255.0	206.7	168.4
72,5°	151.9	219.2	282.0	320.3	362.7	415.5	417.5	365.2	309.0	257.3	216.4	183.2	138.9
75,0°	132.1	190.0	234.0	265.0	295.6	331.1	338.0	297.9	249.3	209.0	176.6	152.8	115.0
77,5°	100.0	141.4	177.8	203.6	228.6	250.8	258.2	228.0	189.1	158.2	139.7	130.4	114.7
80,0°	77.2	102.8	127.5	146.5	160.7	175.2	181.8	164.7	141.7	119.8	106.5	101.7	80.4
82,5°	54.2	72.1	87.2	101.7	112.5	121.8	128.9	122.7	108.5	89.7	75.8	70.4	52.5
85,0°	38.9	49.4	59.9	68.2	73.6	79.8	86.3	86.3	77.5	63.0	53.1	47.4	37.8
87,5°	26.4	34.1	40.6	47.4	50.3	54.0	58.5	57.9	52.5	44.0	37.8	34.6	29.8
90,0°	10.8	11.4	11.9	12.8	13.6	14.5	16.2	17.6	17.6	17.6	17.6	18.2	17.3
92,5°	8.5	8.5	9.1	9.1	9.4	9.7	9.7	9.7	9.9	9.9	9.9	9.9	9.9
95,0°	8.0	8.0	8.5	8.5	8.8	9.1	9.1	9.1	9.1	9.1	9.4	9.4	9.4
97,5°	7.4	7.4	8.0	8.0	8.0	8.2	8.2	8.5	8.5	8.5	8.8	8.8	8.8
100,0°	6.8	7.1	7.4	7.4	7.7	7.7	8.0	8.0	8.0	8.0	8.0	8.2	8.2
102,5°	6.5	6.8	6.8	6.8	6.8	7.1	7.4	7.4	7.4	7.4	7.4	7.7	8.0
105,0°	6.2	6.2	6.2	6.5	6.8	6.8	6.8	6.8	6.8	7.1	7.4	7.4	7.4
107,5°	6.0	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8	6.8	6.8	6.8	7.4
110,0°	5.7	6.0	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8	6.8	6.8
112,5°	5.7	5.7	6.0	6.0	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8	6.8

Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XS EAN: 4058352833568 + 4050737730073	LP number 59067_29
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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2,5°	38.3	38.9	39.2	39.2	39.5	39.8	30.1	29.5	29.5	29.0	29.0	28.7	28.4
5,0°	62.2	63.0	63.3	63.3	63.3	63.6	36.4	34.4	32.9	31.8	31.0	30.4	29.8
7,5°	102.8	107.4	111.3	112.7	111.9	111.3	53.4	49.4	43.5	38.9	34.9	32.7	32.1
10,0°	136.3	139.2	140.6	143.1	142.0	141.4	67.9	66.2	67.3	66.2	62.2	52.8	41.7
12,5°	177.2	181.2	187.7	197.7	204.5	206.7	88.6	81.5	73.6	69.3	68.2	69.6	67.0
15,0°	213.3	216.4	222.4	224.9	226.6	227.2	116.4	106.2	101.7	95.7	90.6	85.2	82.9
17,5°	235.4	240.0	245.4	251.6	254.5	256.2	141.4	126.1	113.0	104.5	96.8	88.0	79.2
20,0°	249.6	254.2	257.6	262.7	265.8	269.2	178.3	167.8	146.8	120.1	105.4	92.0	80.1
22,5°	270.1	272.4	275.2	276.3	276.9	277.7	201.9	188.6	168.4	149.1	128.9	103.4	84.3
25,0°	286.6	290.0	292.8	294.5	295.9	296.5	219.5	207.3	180.6	161.3	141.1	116.2	95.4
27,5°	303.0	307.3	307.9	305.3	303.0	301.6	234.0	214.1	188.0	166.1	142.0	117.3	92.3
30,0°	316.1	313.8	310.7	309.8	309.6	309.0	236.3	211.0	182.6	163.6	137.5	109.1	88.6
32,5°	325.2	319.2	314.1	313.5	315.0	316.9	232.3	205.0	177.5	153.9	130.6	102.8	81.5
35,0°	331.4	331.4	328.6	324.0	318.6	316.4	242.8	210.4	182.3	152.2	121.8	94.9	77.0
37,5°	354.7	350.5	339.7	333.1	331.4	332.8	232.3	203.9	178.6	153.9	116.7	86.6	72.4
40,0°	371.5	359.0	347.9	348.5	355.0	359.5	197.9	177.5	149.9	128.7	101.4	79.8	66.7
42,5°	379.7	367.2	361.2	365.8	373.5	378.3	226.6	192.3	159.6	126.9	97.7	79.8	68.4
45,0°	391.3	376.9	367.8	370.3	377.1	381.1	271.5	222.7	178.9	133.2	98.0	81.2	71.6
47,5°	391.6	371.5	359.8	361.8	367.2	369.8	279.7	229.8	178.9	128.1	93.7	79.2	70.7
50,0°	376.3	350.2	339.1	341.4	347.6	349.3	272.6	222.1	165.9	115.6	86.1	74.4	66.2
52,5°	348.5	321.2	310.7	313.5	321.5	324.3	259.9	206.2	149.7	100.8	76.4	67.6	60.8
55,0°	314.1	286.8	277.5	281.4	290.0	293.7	243.4	187.4	130.1	85.5	65.9	59.4	54.2
57,5°	276.6	248.2	239.7	244.0	252.2	255.6	224.1	167.0	112.5	73.6	56.8	51.4	46.6
60,0°	239.1	210.2	201.6	205.3	212.1	215.3	196.8	143.1	96.6	66.5	52.8	46.9	42.0
62,5°	201.1	172.7	163.3	166.4	172.1	173.8	169.5	122.1	83.5	61.1	50.3	44.3	39.2
65,0°	170.1	141.1	131.5	133.2	138.6	138.6	144.3	103.9	74.1	56.8	47.1	41.5	36.9
67,5°	141.4	113.3	103.7	103.7	106.2	108.5	127.8	90.3	68.2	53.1	44.6	38.6	34.1
70,0°	117.6	91.2	81.5	80.1	81.2	83.5	114.5	81.8	62.8	50.0	42.0	36.1	31.5
72,5°	96.3	72.1	62.8	60.5	61.6	63.6	101.1	72.4	57.4	46.0	38.9	33.2	28.4
75,0°	80.1	58.2	49.1	46.6	48.0	51.1	86.6	64.2	51.7	42.9	35.8	30.7	26.1
77,5°	66.7	45.7	37.5	35.2	36.9	39.8	68.7	51.7	43.2	36.1	31.0	27.0	23.0
80,0°	50.6	36.1	29.8	27.5	27.8	29.5	52.3	41.5	35.5	30.1	26.4	23.3	20.2
82,5°	37.8	27.5	22.7	21.3	21.6	22.2	39.8	32.4	28.1	24.4	21.6	19.3	16.8
85,0°	29.0	22.2	18.5	17.3	17.0	17.0	28.7	24.4	21.6	19.3	17.3	15.6	13.9
87,5°	23.9	19.0	16.2	14.8	14.2	14.2	21.3	18.2	16.5	15.1	13.6	12.5	11.1
90,0°	15.6	13.6	12.2	11.4	11.4	10.8	9.1	9.1	8.5	8.0	7.7	6.8	6.5
92,5°	9.9	9.9	9.7	9.7	9.9	9.7	8.0	7.4	7.1	6.8	6.2	6.0	5.7
95,0°	9.4	9.4	9.4	9.4	9.4	9.1	7.4	7.4	6.8	6.2	6.2	5.7	5.4
97,5°	8.8	8.8	8.8	8.8	8.8	8.5	7.1	6.8	6.2	6.2	5.7	5.7	5.1
100,0°	8.2	8.2	8.5	8.5	8.5	8.5	6.8	6.2	6.2	5.7	5.7	5.1	5.1
102,5°	8.0	8.0	8.0	8.0	8.0	8.0	6.2	6.0	5.7	5.7	5.1	5.1	4.5
105,0°	7.4	7.4	7.4	7.4	7.4	6.8	6.0	5.7	5.7	5.1	5.1	4.5	4.5
107,5°	7.4	7.4	7.4	7.4	7.4	6.8	5.7	5.7	5.4	5.1	5.1	4.5	4.5
110,0°	6.8	6.8	7.4	7.4	6.8	6.2	5.7	5.4	5.1	5.1	4.5	4.5	4.5
112,5°	6.8	6.8	6.8	6.8	6.2	4.0	5.4	5.4	5.1	5.1	4.5	4.5	4.5

Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XS EAN: 4058352833568 + 4050737730073	LP number 59067_29
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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	0.0	0.0
2,5°	28.1	27.8	27.5	27.0	26.7	26.7	26.4	26.4	26.1	25.8	25.6	0.4	0.4
5,0°	29.3	28.7	27.5	26.7	26.1	25.6	25.3	25.0	24.7	24.4	24.4	1.0	1.4
7,5°	31.2	30.1	29.0	27.8	26.7	25.8	25.3	24.7	24.1	24.1	23.9	2.1	3.6
10,0°	33.8	30.4	29.3	27.8	26.4	25.3	24.4	23.9	23.6	23.6	23.3	3.7	7.3
12,5°	65.0	55.9	39.8	31.5	27.8	25.6	24.1	23.6	23.3	23.0	23.3	6.4	13.6
15,0°	74.1	68.7	66.5	62.8	54.2	39.8	31.8	28.4	26.7	24.7	24.4	9.4	23.0
17,5°	70.4	63.3	59.6	58.2	57.1	56.8	54.8	48.8	42.0	35.8	34.1	12.4	35.4
20,0°	69.0	61.1	57.1	55.4	54.8	54.5	54.5	54.8	55.4	59.1	60.2	15.5	50.9
22,5°	68.4	58.8	54.8	54.0	54.2	55.4	56.5	55.7	59.6	67.9	70.4	18.8	69.7
25,0°	75.0	59.6	54.0	53.4	54.8	56.8	61.3	59.1	59.9	63.3	63.6	22.2	91.9
27,5°	74.4	62.2	57.1	55.9	56.8	59.1	61.6	58.2	55.1	57.7	58.5	24.9	116.8
30,0°	73.6	65.9	61.6	59.9	59.4	58.8	58.8	55.7	52.3	54.0	55.1	27.3	144.1
32,5°	72.7	67.0	65.0	63.6	60.8	58.2	55.7	53.7	49.4	50.6	51.1	29.9	174.1
35,0°	66.7	64.8	64.2	65.0	63.9	60.5	56.2	52.8	47.7	48.0	48.8	32.2	206.2
37,5°	64.5	60.5	61.6	63.0	61.6	59.9	57.7	55.4	50.3	48.8	49.4	33.5	239.7
40,0°	60.8	57.1	55.1	57.1	59.4	59.1	57.9	57.4	54.8	54.5	56.2	36.0	275.8
42,5°	57.7	51.4	50.0	49.7	50.8	52.5	54.0	55.7	55.9	57.9	60.2	41.4	317.1
45,0°	60.5	50.6	46.9	47.1	46.9	46.6	47.7	50.6	51.4	52.5	55.1	46.2	363.3
47,5°	60.8	51.4	46.6	44.0	44.0	43.2	43.2	44.9	45.4	45.7	48.8	49.2	412.5
50,0°	57.7	50.0	45.4	43.2	40.9	39.5	39.5	40.3	40.6	40.0	42.6	51.2	463.6
52,5°	53.1	46.0	42.6	40.0	38.6	36.9	35.8	37.2	36.9	36.1	38.6	52.3	516.0
55,0°	47.7	41.5	38.1	36.4	35.8	34.9	34.6	35.5	35.2	33.8	35.8	52.9	568.8
57,5°	41.7	37.2	34.1	32.9	32.7	32.7	32.7	33.8	33.8	32.4	34.6	52.4	621.2
60,0°	37.2	32.9	30.7	29.8	29.8	29.8	31.0	32.4	32.7	31.2	33.5	51.0	672.2
62,5°	34.4	30.1	28.1	27.0	27.3	27.5	28.4	30.4	31.0	29.5	31.8	48.5	720.7
65,0°	32.1	28.1	26.1	25.3	25.3	25.3	26.1	27.5	28.4	27.3	29.5	45.5	766.3
67,5°	29.8	26.1	24.1	23.0	23.0	23.0	23.6	25.3	25.6	24.7	26.7	42.1	808.4
70,0°	27.5	24.4	22.4	21.3	21.0	21.0	21.3	22.4	23.3	22.4	23.9	38.2	846.6
72,5°	25.0	21.9	20.4	19.3	19.3	18.7	19.0	19.9	20.4	19.6	21.0	33.5	880.1
75,0°	22.4	19.9	18.2	17.3	17.0	16.8	16.8	17.3	17.6	17.0	18.2	28.1	908.2
77,5°	19.6	17.6	16.2	15.3	14.8	14.5	14.2	14.8	14.8	14.5	15.3	22.4	930.5
80,0°	17.3	15.1	13.9	12.8	12.5	11.9	11.6	11.6	11.9	11.4	11.9	16.8	947.3
82,5°	14.5	12.8	11.6	10.8	10.2	9.7	9.7	9.1	9.1	8.8	9.1	12.3	959.7
85,0°	12.2	10.8	9.9	9.1	8.5	8.0	7.4	7.4	7.1	6.8	6.8	8.8	968.5
87,5°	9.9	8.8	8.0	7.4	6.8	6.5	6.2	5.7	5.4	5.1	5.1	6.4	974.9
90,0°	6.2	5.7	5.7	5.1	5.1	4.5	4.3	4.0	4.0	3.4	3.4	2.8	977.7
92,5°	5.1	5.1	4.8	4.5	4.5	4.0	4.0	4.0	3.4	3.4	3.4	2.0	979.8
95,0°	5.1	4.8	4.5	4.3	4.0	4.0	4.0	3.4	3.4	3.4	3.4	1.9	981.7
97,5°	4.8	4.5	4.5	4.0	4.0	3.7	3.7	3.4	3.4	2.8	3.4	1.8	983.5
100,0°	4.5	4.5	4.3	4.0	4.0	4.0	3.4	3.4	3.4	3.1	3.4	1.7	985.2
102,5°	4.5	4.0	4.0	4.0	3.4	3.4	3.4	3.1	2.8	2.8	2.8	1.6	986.8
105,0°	4.3	4.0	4.0	3.7	3.4	3.4	3.4	3.1	2.8	2.8	2.8	1.5	988.3
107,5°	4.0	4.0	4.0	4.0	3.4	3.4	3.4	2.8	2.8	2.8	2.8	1.4	989.7
110,0°	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.8	2.8	2.3	1.4	991.1
112,5°	4.0	4.0	4.0	3.7	3.4	3.4	3.4	3.1	2.8	2.6	2.3	1.3	992.4

Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XS EAN: 4058352833568 + 4050737730073	LP number 59067_29
Table of values for luminous intensities		Maximum luminous intensity
		


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°	5.7	5.7	5.7	6.0	6.2	6.2	6.2	6.2	6.2	6.5	6.5	6.8	6.8
117,5°	5.1	5.7	5.7	5.7	5.7	6.0	6.0	6.2	6.2	6.2	6.2	6.2	6.2
120,0°	5.1	5.1	5.4	5.4	5.7	5.7	5.7	5.7	5.7	5.7	6.2	6.2	6.2
122,5°	4.5	4.8	4.8	4.8	5.1	5.1	5.1	5.1	5.1	5.4	5.7	5.7	5.7
125,0°	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5
127,5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
130,0°	2.0	2.0	2.0	2.0	1.7	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.7	1.7	1.7	1.7	1.4	1.4	1.4	1.4	1.1	1.1	1.4	1.1	1.1
137,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.6	0.6
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	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
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 LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XS EAN: 4058352833568 + 4050737730073	LP number 59067_29
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	6.8	6.8	6.8	5.4	2.3	5.4	5.1	5.1	5.1	4.5	4.5	4.3
117,5°	6.5	6.8	6.8	6.8	4.8	2.3	5.1	5.1	4.8	4.8	4.5	4.5	4.0
120,0°	6.2	6.2	6.2	6.2	4.0	1.7	5.1	4.8	4.5	4.5	4.5	4.0	4.0
122,5°	5.7	5.7	5.7	5.7	3.7	1.7	4.5	4.5	4.3	4.0	4.0	4.0	3.7
125,0°	4.5	4.5	4.5	4.5	2.8	1.7	3.7	3.7	3.4	3.4	3.4	3.1	2.8
127,5°	2.8	2.8	3.4	2.8	1.7	1.1	2.8	2.6	2.6	2.6	2.6	2.6	2.3
130,0°	1.7	1.7	1.7	1.7	1.1	1.1	2.0	2.0	2.0	2.0	2.0	2.0	2.3
132,5°	1.7	1.7	1.7	1.4	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.1	1.1	1.1	1.1	0.9	0.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
137,5°	1.1	1.1	1.1	1.1	0.6	0.6	1.1	1.4	1.1	1.4	1.4	1.7	1.4
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.1	1.1	1.1	1.1	1.1
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.1	1.1
147,5°	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
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 LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XS EAN: 4058352833568 + 4050737730073	LP number 59067_29
Table of values for luminous intensities		Maximum luminous intensity
		

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°	4.0	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.3	1.7	1.3	993.7
117,5°	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8	2.8	2.3	1.7	1.2	994.9
120,0°	4.0	4.0	3.4	3.4	3.4	3.1	2.8	2.8	2.8	2.3	1.7	1.1	996.0
122,5°	3.4	3.4	3.4	3.1	2.8	2.8	2.8	2.8	2.8	2.3	1.7	1.0	997.0
125,0°	2.8	2.8	2.8	2.8	2.6	2.6	2.3	2.3	2.3	1.7	1.7	0.8	997.8
127,5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.7	1.7	1.7	0.6	998.3
130,0°	2.3	2.3	2.3	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.4	998.7
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1	1.7	0.3	999.1
135,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1	1.1	0.3	999.3
137,5°	1.7	1.7	1.7	1.1	1.4	1.7	1.1	1.1	1.1	1.1	1.1	0.2	999.6
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.7
142,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	999.9
145,0°	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	1000.0
147,5°	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
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 LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XS EAN: 4058352833568 + 4050737730073	LP number 59067_29
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Dimming levels table	environmental temperature: 25°C	siteco
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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	1450	11.8	12.1	12.0
95	241	252	1376	11.1	11.4	11.2
90	229	250	1307	10.6	10.8	10.7
85	216	248	1233	9.9	10.2	10.0
80	203	246	1159	9.3	9.6	9.4
75	190	243	1085	8.7	9.0	8.8
70	178	241	1016	8.2	8.4	8.3
65	165	238	942	7.6	7.7	7.6
60	152	235	868	7.0	7.2	7.1
55	140	232	799	6.5	6.6	6.6
50	127	229	725	6.0	6.1	6.0
45	114	225	651	5.4	5.6	5.5
40	102	221	582	5.0	5.1	5.0
35	89	216	508	4.5	4.6	4.6
30	76	210	434	4.0	4.0	4.0
26	65	204	371	3.6	3.7	3.6