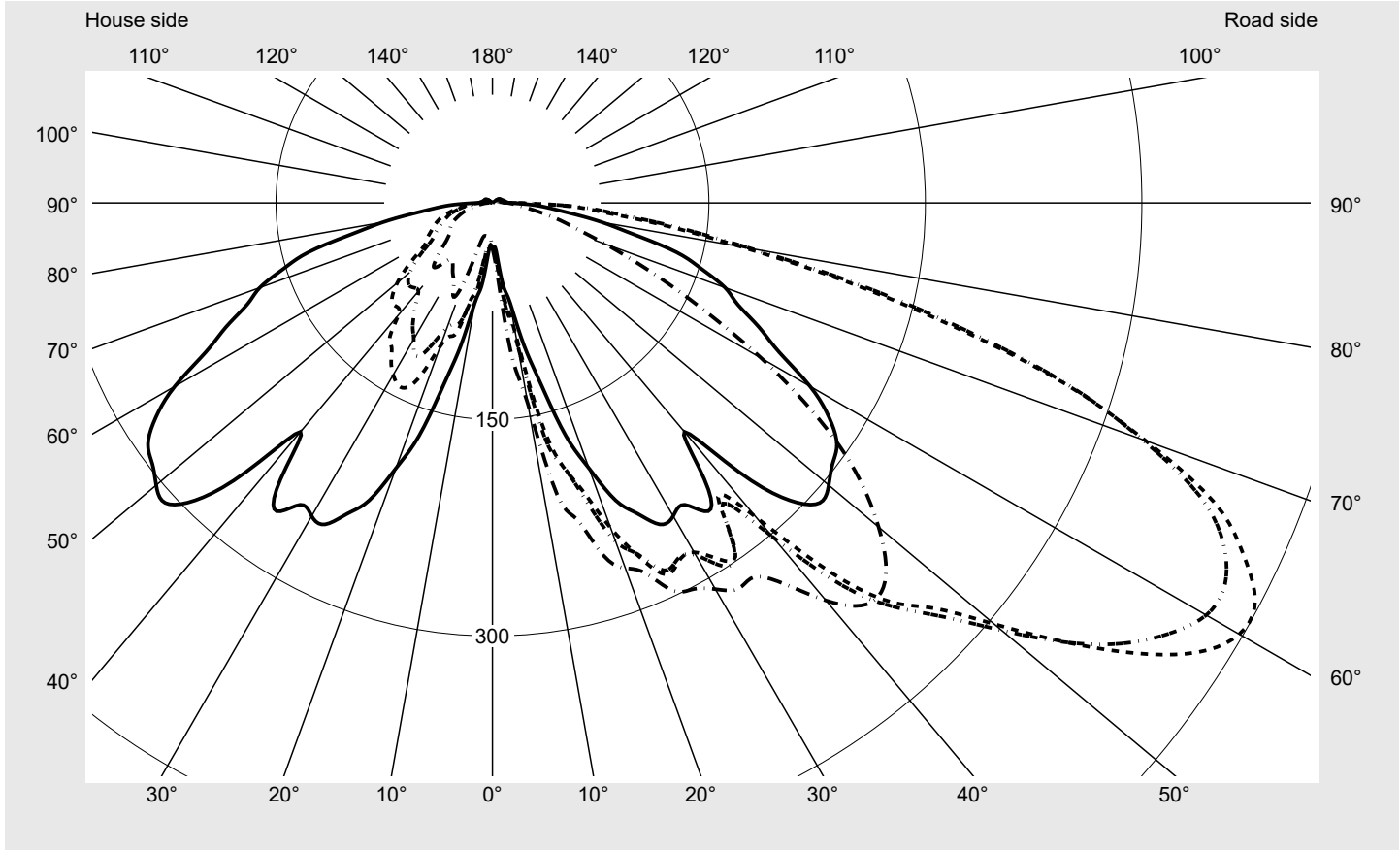


Photometric test report

Family LANTERN LED	Order number: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_28
	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 = 1080 lm Power consumption = 10.0 W Luminous efficacy = 108 lm/W	serial documentation 08.07.2022

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

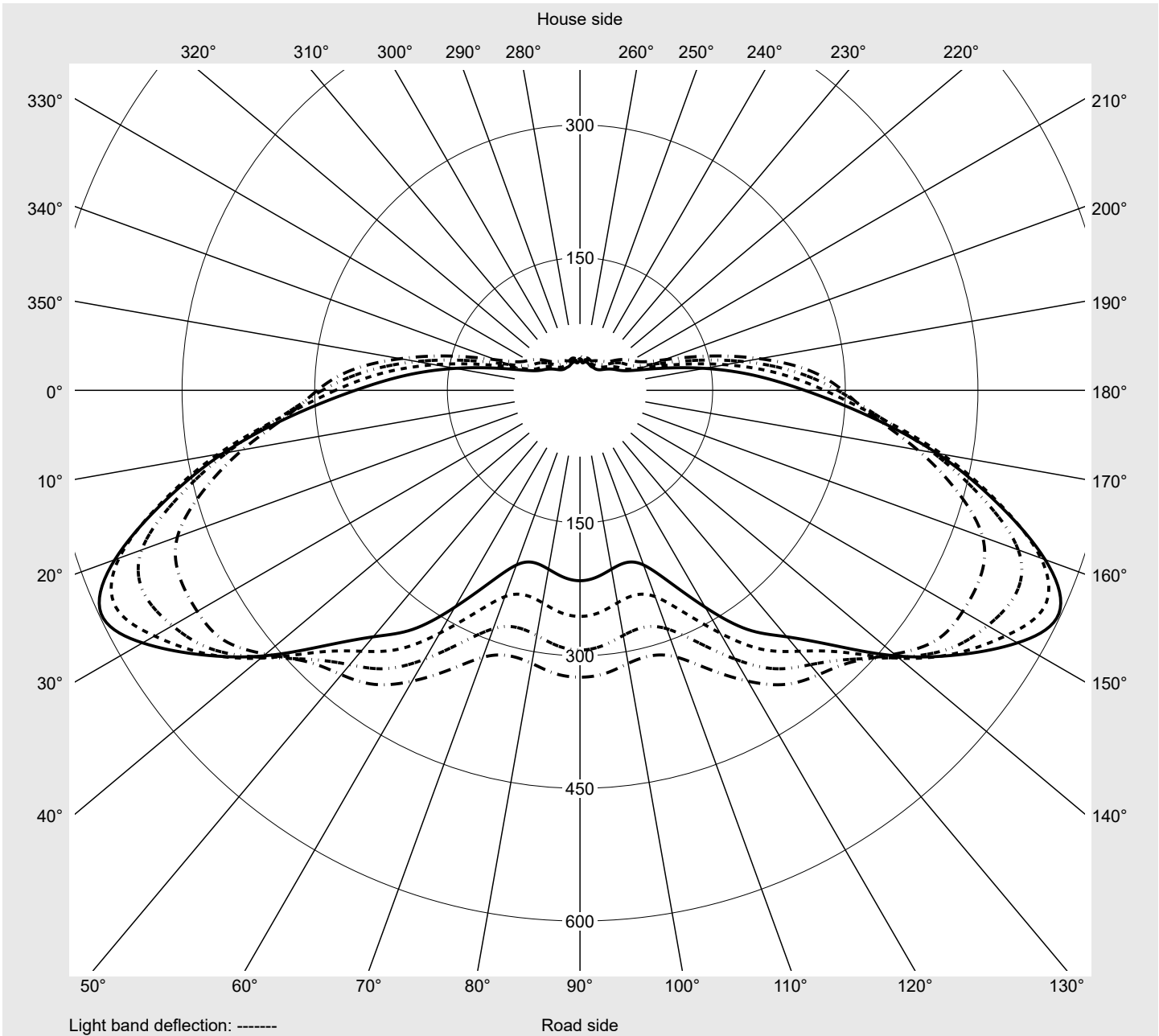
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family LANTERN LED	Order number: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_28
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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: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_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°	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: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_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°	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: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_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°	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: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_28
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: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_28
Table of values for luminous intensities		Maximum luminous intensity
		

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: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_28
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: 5XA5255KF14H + 5XA54000XSA EAN: 4058352833483 + 4058352161326	LP number 59067_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	1080	10.0	10.4	10.2
95	241	252	1025	9.5	9.9	9.7
90	229	250	974	9.0	9.3	9.2
85	216	248	918	8.5	8.8	8.6
80	203	246	863	8.0	8.3	8.2
75	190	243	808	7.6	7.7	7.6
70	178	241	757	7.1	7.3	7.2
65	165	238	702	6.6	6.8	6.7
60	152	235	646	6.1	6.4	6.2
55	140	232	595	5.7	5.9	5.8
50	127	229	540	5.3	5.5	5.4
45	114	225	485	4.8	5.0	4.9
40	102	221	434	4.4	4.6	4.5
35	89	216	378	4.0	4.1	4.0
30	76	210	323	3.6	3.7	3.6
30	75	209	319	3.5	3.7	3.6