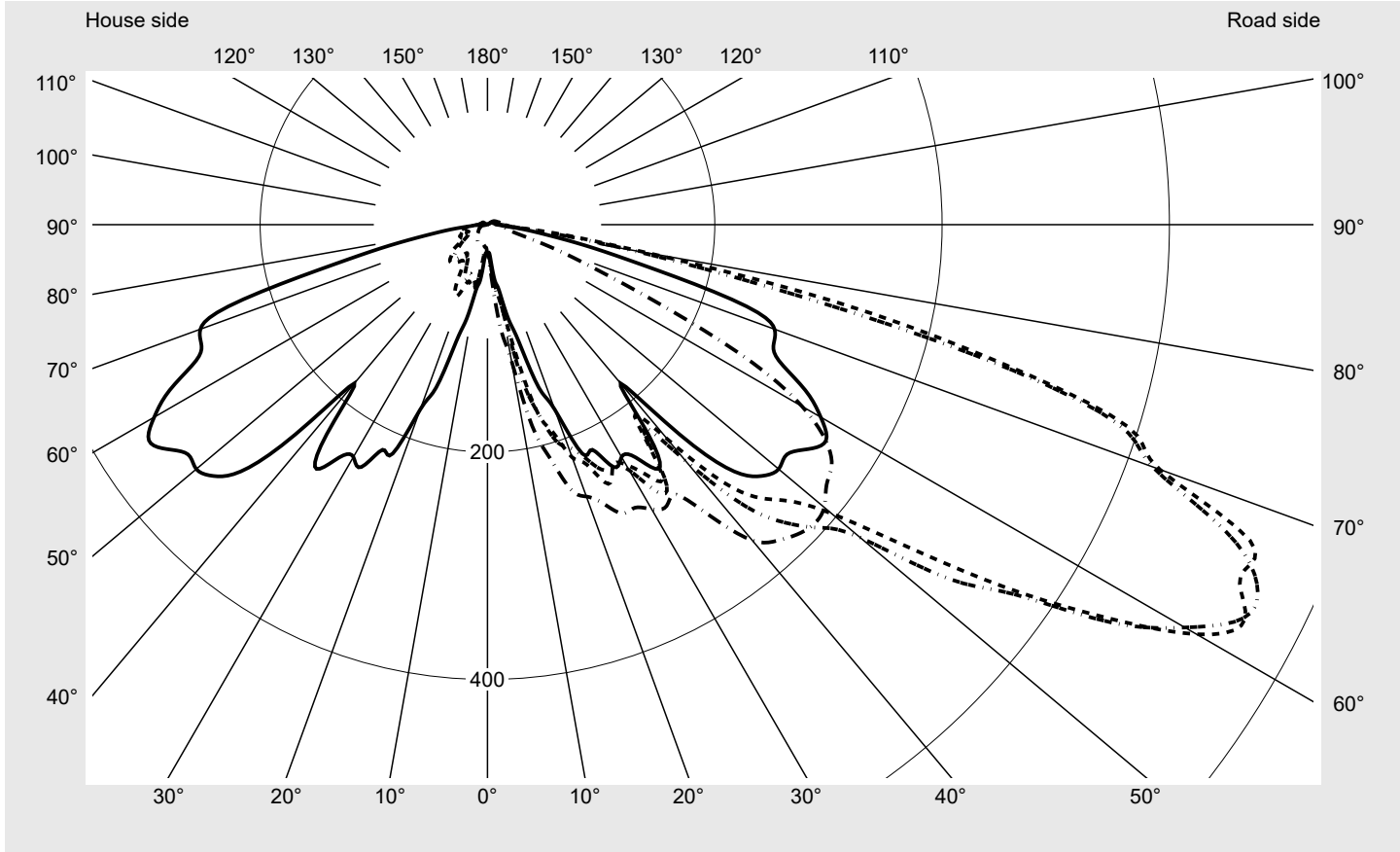


Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
Version	post-top- or mounting to wall arm, shielding on building side	serial documentation 04.11.2022
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 = 1520 lm Power consumption = 11.8 W Luminous efficacy = 128.8 lm/W	



Luminous intensity in cd/klm C180-0 C200-20 C205-25 C270-90 **Imax: 751 cd/klm**



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	97.9%
Eta 90° - 180°	2.1%

Luminous intensity class acc. to EN13201-2

Class:	G2
Imax 70°	629.5
Imax 80°	143.0
Imax 90°	13.1
Imax >90°	12.9
Imax >95°	11.4

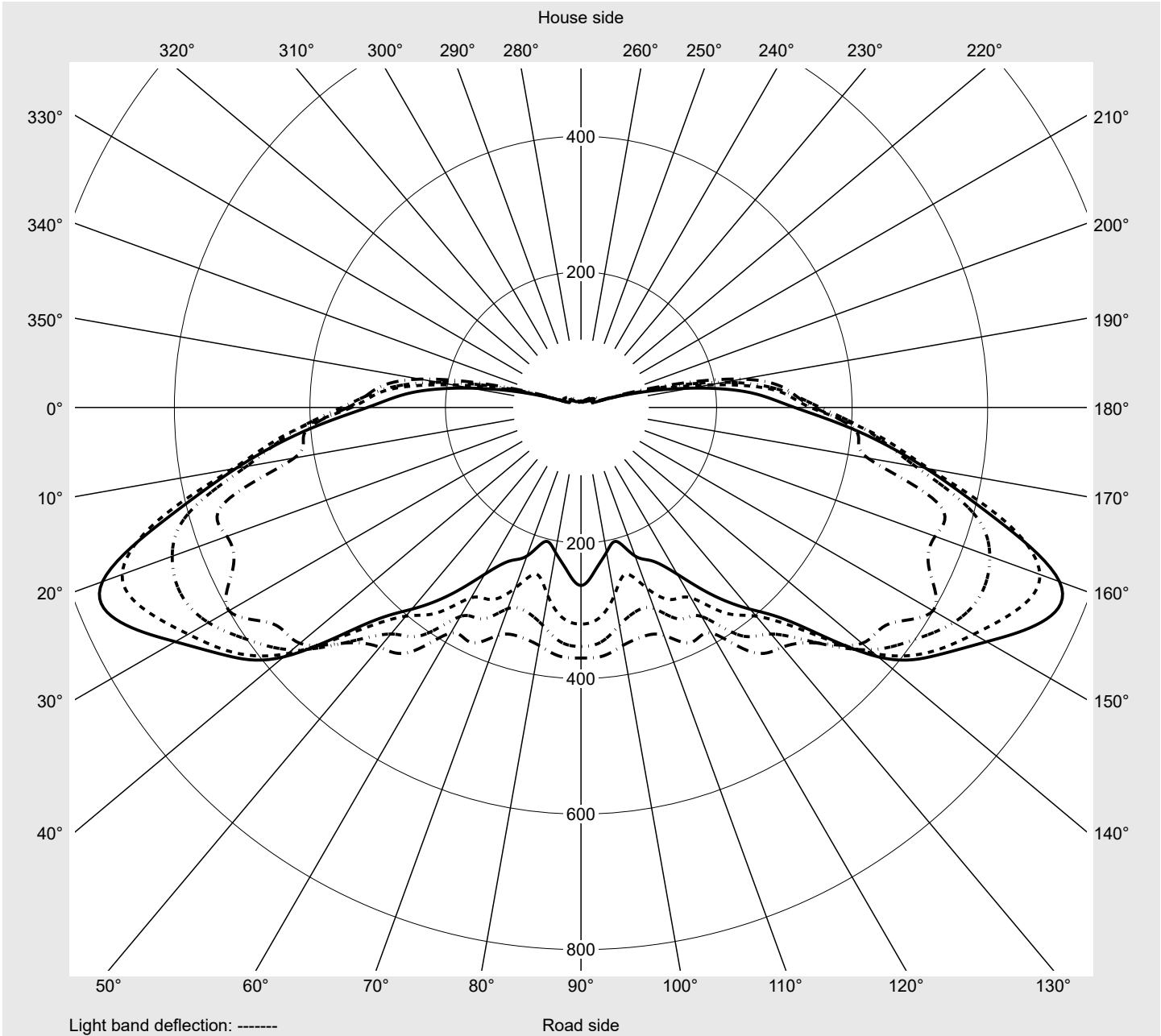
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
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Envelope curve in cd/klm **KMK 62.5°** **KMK 60°** **KMK 57.5°** **KMK 55°** **siteco**



Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
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°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
2,5°	24.8	25.1	25.5	26.3	27.0	27.5	28.2	28.9	29.7	30.4	30.9	31.6	31.9
5,0°	29.9	31.6	33.6	36.0	37.9	39.9	41.4	43.1	45.0	46.0	47.2	48.6	49.9
7,5°	49.6	54.2	55.7	56.7	57.4	60.3	62.5	64.5	66.4	68.8	72.7	77.3	80.8
10,0°	58.6	60.3	64.2	68.6	74.7	75.6	81.0	89.0	100.5	111.2	117.2	118.2	116.3
12,5°	84.9	93.2	95.6	108.2	119.4	136.9	150.8	159.6	159.6	154.2	149.6	149.6	152.5
15,0°	106.5	118.9	144.0	168.6	172.2	171.2	182.9	177.1	182.9	181.7	182.9	186.6	186.6
17,5°	150.3	162.0	175.4	182.7	191.4	198.7	203.6	205.3	203.3	206.0	207.7	205.3	207.5
20,0°	172.9	190.7	195.8	201.6	217.7	208.5	212.6	206.8	209.9	221.6	222.1	222.3	222.8
22,5°	217.9	223.3	216.2	226.7	228.4	220.6	225.0	229.9	227.4	225.5	232.3	237.4	244.2
25,0°	218.4	227.2	240.8	248.8	251.5	237.6	231.1	231.3	232.0	238.9	247.9	258.6	261.7
27,5°	240.3	237.2	240.8	235.9	239.1	240.3	247.6	248.3	245.7	259.3	273.2	282.6	281.2
30,0°	235.9	244.5	243.0	248.8	243.7	249.3	247.4	264.9	269.7	276.8	290.4	303.8	298.0
32,5°	242.8	247.4	244.5	252.5	261.2	278.5	273.4	282.2	307.7	320.3	327.4	326.7	315.2
35,0°	262.2	268.8	262.7	273.6	267.1	271.5	268.8	273.2	291.6	315.7	321.3	318.6	321.6
37,5°	232.3	215.3	214.5	207.0	212.8	224.8	244.7	265.1	305.0	327.4	330.6	335.9	345.4
40,0°	182.2	198.5	207.0	226.5	246.4	271.0	306.7	336.2	355.6	369.5	368.0	373.6	380.2
42,5°	250.3	265.4	278.5	286.3	307.5	335.7	358.0	371.4	382.9	395.0	403.5	400.1	386.3
45,0°	307.0	309.6	323.7	316.7	340.0	370.7	371.9	393.8	412.3	430.3	435.9	407.2	414.0
47,5°	327.2	333.2	351.7	350.7	359.7	394.5	414.2	441.0	442.7	444.9	455.1	435.2	442.7
50,0°	334.5	354.4	389.9	391.4	395.3	428.1	479.7	480.4	475.0	460.9	464.8	452.9	445.1
52,5°	332.0	370.7	411.1	475.8	464.8	511.5	533.7	536.3	507.6	486.7	470.9	456.6	425.4
55,0°	344.2	408.2	429.6	545.1	556.0	567.2	599.8	556.0	541.4	491.6	461.9	441.0	384.3
57,5°	353.2	429.1	501.6	598.6	641.9	651.4	634.8	598.4	556.3	490.6	436.4	410.8	356.1
60,0°	338.6	433.0	522.2	647.3	720.5	708.5	669.1	629.0	564.8	465.6	402.1	370.0	324.2
62,5°	315.2	412.0	516.6	633.1	751.4	749.7	691.3	638.3	572.6	453.6	388.7	337.6	284.1
65,0°	282.9	356.6	500.6	630.5	731.2	747.0	706.8	622.0	537.8	438.8	364.6	308.4	249.6
67,5°	272.7	313.5	482.1	609.6	726.3	702.0	684.7	604.2	500.6	402.8	343.2	281.2	212.3
70,0°	268.8	335.7	459.2	597.4	629.5	622.7	613.9	546.8	444.2	370.9	308.2	244.2	179.5
72,5°	239.1	345.6	401.6	556.0	590.6	580.8	480.9	451.0	359.0	283.1	236.4	189.5	150.6
75,0°	154.2	262.5	336.4	447.6	464.1	445.4	344.7	300.2	218.9	179.5	182.2	167.8	136.7
77,5°	96.8	160.1	224.0	297.5	313.5	254.9	194.1	168.8	150.8	127.7	135.2	130.4	120.6
80,0°	56.4	77.1	102.2	131.3	143.0	126.7	120.9	121.4	95.6	74.7	60.6	54.0	59.4
82,5°	33.1	40.1	48.2	58.6	66.9	53.8	71.8	83.9	63.2	47.9	28.5	24.8	19.9
85,0°	15.8	18.2	17.0	18.0	18.2	22.9	43.8	51.3	41.8	25.5	19.0	18.0	15.6
87,5°	11.2	11.2	11.9	13.1	14.8	17.8	23.4	22.6	19.2	16.1	15.3	14.6	14.1
90,0°	7.8	8.8	9.5	10.2	11.4	12.2	12.6	12.9	13.1	13.1	13.1	13.1	13.1
92,5°	7.3	8.3	8.8	9.5	10.5	11.2	11.7	11.9	12.2	12.4	12.6	12.6	12.9
95,0°	6.8	7.8	8.3	8.8	9.7	10.5	10.9	11.2	11.4	11.9	11.9	11.9	11.9
97,5°	6.6	7.3	7.8	8.3	8.8	9.5	10.0	10.2	10.7	10.9	11.2	11.2	11.2
100,0°	5.8	6.6	7.3	7.8	8.3	8.8	9.2	9.5	9.7	10.2	10.2	10.5	10.7
102,5°	5.6	5.8	6.6	6.8	7.3	7.8	8.3	8.5	8.8	9.2	9.5	9.7	9.7
105,0°	5.1	5.8	5.8	6.3	6.8	7.3	7.5	7.8	8.3	8.3	8.8	8.8	9.2
107,5°	4.9	5.4	5.8	5.8	6.3	6.8	6.8	7.3	7.8	7.8	8.3	8.3	8.3
110,0°	4.9	5.1	5.4	5.8	5.8	6.3	6.6	6.8	7.3	7.3	7.8	7.8	8.3
112,5°	4.4	4.9	5.4	5.4	5.8	5.8	6.3	6.6	6.8	7.3	7.3	7.5	7.8

Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
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°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
2,5°	32.4	32.4	32.6	32.6	32.8	32.6	24.6	24.1	23.6	23.6	23.1	23.1	22.9
5,0°	51.1	52.3	53.0	53.8	54.7	55.5	28.2	27.0	26.0	25.5	24.8	24.6	23.8
7,5°	85.9	91.2	94.1	94.6	97.8	95.3	45.2	39.9	35.8	31.6	28.7	26.5	25.1
10,0°	117.0	120.6	120.4	122.1	120.9	121.6	56.4	56.4	56.2	55.5	53.3	44.0	32.8
12,5°	153.0	159.3	167.3	176.3	186.1	181.0	79.3	65.9	55.9	52.8	51.8	52.5	55.7
15,0°	196.0	195.6	205.0	208.0	212.6	212.6	96.8	86.8	70.1	54.5	49.6	47.2	46.9
17,5°	212.1	223.5	230.6	236.9	241.3	244.2	124.3	108.5	71.3	52.5	46.9	45.2	42.8
20,0°	224.3	232.3	237.6	247.6	253.2	254.4	154.2	135.0	90.7	55.9	46.5	41.8	40.4
22,5°	243.7	247.9	254.9	261.7	264.9	265.1	193.1	178.3	115.8	67.1	52.5	39.2	36.2
25,0°	261.2	262.0	270.5	279.0	278.5	280.2	211.1	188.3	134.3	67.4	46.2	35.8	34.5
27,5°	285.6	288.2	290.7	286.0	280.7	280.7	234.7	213.1	144.0	59.6	39.4	34.3	32.8
30,0°	303.8	297.0	288.2	286.3	288.0	289.0	237.4	217.2	137.2	45.7	34.5	30.9	30.9
32,5°	318.6	302.3	288.5	287.7	290.9	293.3	235.2	218.2	130.1	39.6	33.3	30.2	29.2
35,0°	327.4	325.0	314.7	302.6	294.1	289.9	253.2	224.8	138.2	38.4	30.9	30.6	30.4
37,5°	353.7	348.6	325.0	313.0	316.5	324.0	234.2	211.6	134.8	41.1	32.4	29.4	30.6
40,0°	378.7	362.4	335.4	335.9	351.7	362.4	169.5	159.8	105.3	43.3	37.2	33.3	28.7
42,5°	391.9	377.7	353.9	363.4	373.4	377.0	232.0	204.8	120.6	45.7	40.6	38.2	34.1
45,0°	418.9	399.4	375.6	380.7	385.0	385.3	294.3	240.6	142.8	46.2	41.1	40.9	38.9
47,5°	440.5	402.3	380.7	386.7	391.9	389.7	309.9	255.6	142.8	44.5	39.4	40.1	37.7
50,0°	441.0	392.1	373.1	378.0	387.5	386.7	306.0	250.5	139.1	40.9	35.3	36.0	33.3
52,5°	416.7	378.7	363.6	369.5	379.2	376.0	300.9	246.6	133.5	39.4	31.1	31.1	28.9
55,0°	382.9	357.8	350.3	356.6	368.3	369.7	305.0	241.0	116.0	34.1	27.7	27.5	25.8
57,5°	344.4	316.0	311.8	326.2	347.1	352.7	295.5	214.0	100.0	27.5	23.8	23.8	22.9
60,0°	312.8	283.6	254.7	281.9	311.6	319.6	289.0	191.9	89.0	24.8	20.7	20.7	20.2
62,5°	250.0	233.3	204.8	217.0	241.0	262.7	251.0	164.2	79.5	25.5	19.2	18.2	17.3
65,0°	196.0	181.7	147.4	161.5	177.3	176.1	207.2	139.9	78.3	25.8	19.7	18.0	16.1
67,5°	163.0	127.0	96.3	104.1	113.3	107.0	191.9	120.9	71.0	26.3	19.2	17.0	14.8
70,0°	132.3	96.8	58.1	55.0	58.9	66.2	177.3	121.1	68.8	24.6	17.8	15.6	14.1
72,5°	106.8	66.9	38.4	30.2	29.7	32.6	153.7	110.9	65.7	26.3	19.9	16.1	14.1
75,0°	86.8	35.8	26.3	22.4	21.6	21.4	111.6	78.8	56.4	26.8	23.4	19.0	14.6
77,5°	55.5	24.8	20.4	18.2	18.0	17.5	64.5	49.1	46.7	25.8	22.1	17.8	13.4
80,0°	22.9	18.7	17.0	16.3	16.1	16.1	44.0	42.1	34.3	22.1	19.9	18.5	14.8
82,5°	16.8	15.6	15.3	15.1	15.1	15.1	28.9	26.3	24.3	18.2	16.8	14.1	10.9
85,0°	15.1	14.6	14.4	14.4	14.1	14.1	15.1	15.6	17.3	17.0	15.1	12.9	9.5
87,5°	14.1	13.9	13.9	13.6	13.6	13.6	10.7	10.2	10.7	10.2	10.0	7.8	7.1
90,0°	13.1	13.1	12.9	12.9	12.6	12.6	6.8	5.8	5.4	4.4	4.1	3.6	3.2
92,5°	12.6	12.4	12.4	12.4	12.4	12.2	6.6	5.8	4.9	4.4	3.6	3.4	3.2
95,0°	12.2	12.2	11.9	11.9	11.9	12.2	6.3	5.4	4.9	4.1	3.6	3.2	2.9
97,5°	11.4	11.4	11.2	11.2	11.2	11.2	5.8	5.4	4.4	3.9	3.4	3.2	2.9
100,0°	10.7	10.7	10.7	10.7	10.7	10.7	5.4	4.9	4.4	3.6	3.4	2.9	2.7
102,5°	10.0	10.2	10.0	10.0	10.0	10.2	4.9	4.4	3.9	3.4	2.9	2.9	2.4
105,0°	9.2	9.2	9.2	9.2	9.2	9.2	4.6	4.1	3.6	3.4	2.9	2.4	2.4
107,5°	8.8	8.8	8.5	8.3	8.5	8.8	4.4	3.9	3.4	3.2	2.9	2.4	2.4
110,0°	8.3	8.3	8.0	7.5	8.0	8.3	4.4	3.9	3.4	3.2	2.9	2.4	2.4
112,5°	7.8	7.8	7.1	5.8	7.1	7.8	4.4	3.9	3.4	3.2	2.9	2.4	2.2

Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
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°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	0.0	0.0
2,5°	22.6	22.4	22.1	21.9	21.4	21.6	21.4	21.2	21.2	21.2	20.9	0.3	0.4
5,0°	23.1	22.9	21.9	21.4	20.9	20.7	20.4	20.2	20.2	20.2	19.9	0.8	1.2
7,5°	24.3	23.4	22.9	22.1	21.4	20.9	20.4	20.2	19.5	19.5	19.5	1.8	2.9
10,0°	26.3	24.1	23.1	22.1	21.2	20.2	19.5	18.7	18.5	18.2	18.0	3.1	6.1
12,5°	56.7	49.6	31.4	22.6	20.7	19.5	18.5	17.8	17.5	17.3	17.5	5.5	11.6
15,0°	44.8	46.0	47.7	39.6	25.3	19.7	18.0	17.5	17.3	17.3	17.0	8.0	19.6
17,5°	40.4	39.2	38.9	32.6	24.6	20.2	18.0	17.5	17.3	17.0	17.0	10.4	29.9
20,0°	40.4	39.4	36.0	29.4	23.4	19.7	17.8	17.3	17.0	16.8	17.0	12.7	42.6
22,5°	35.3	34.5	31.9	26.3	22.1	19.7	18.5	18.2	17.5	17.3	17.0	15.4	58.0
25,0°	33.8	32.4	28.9	24.8	21.6	19.7	18.7	18.5	18.0	17.5	17.0	17.9	76.0
27,5°	33.1	32.8	30.6	26.3	22.6	20.2	18.5	18.0	17.5	16.8	17.0	20.6	96.5
30,0°	33.8	34.1	32.6	28.0	23.1	19.7	18.0	17.5	17.0	16.8	17.0	22.9	119.4
32,5°	32.4	35.8	35.8	28.7	22.4	18.5	17.0	16.8	15.8	15.6	15.6	25.7	145.1
35,0°	30.4	32.8	33.1	27.5	21.2	17.5	15.8	15.6	14.8	14.8	14.6	28.0	173.0
37,5°	30.4	28.5	28.7	25.3	19.7	15.8	14.8	14.4	13.9	13.9	13.6	28.8	201.8
40,0°	29.4	28.2	25.1	21.6	18.7	15.1	13.6	13.1	13.1	13.1	13.1	32.0	233.8
42,5°	28.7	26.0	23.6	19.7	17.5	14.1	12.6	12.4	12.6	12.4	12.6	37.9	271.7
45,0°	32.1	25.3	20.2	18.7	16.3	13.4	11.9	11.7	11.7	11.9	12.2	43.1	314.9
47,5°	31.9	26.0	20.9	16.8	15.3	12.6	11.2	11.2	11.2	11.4	11.7	47.4	362.2
50,0°	29.2	24.8	19.9	17.0	14.8	12.4	10.7	10.7	10.7	10.9	10.7	50.9	413.1
52,5°	25.5	22.4	18.7	16.1	14.1	12.2	10.2	10.2	10.2	10.2	10.2	54.6	467.8
55,0°	22.9	20.2	17.0	14.6	13.1	11.4	9.7	9.5	9.5	9.7	9.7	57.7	525.4
57,5°	20.4	17.8	14.6	13.1	12.2	10.5	9.2	9.0	9.0	9.0	9.2	59.8	585.3
60,0°	17.8	15.1	12.6	11.7	10.9	10.0	8.5	8.5	8.5	8.5	8.8	60.5	645.8
62,5°	15.1	13.1	11.2	10.7	10.0	9.0	8.0	8.0	8.0	8.0	8.3	58.8	704.5
65,0°	13.6	11.9	10.9	10.0	9.5	8.8	8.0	7.5	7.5	7.5	7.8	55.4	760.0
67,5°	13.1	11.4	10.7	9.5	8.8	8.3	7.5	7.5	7.5	7.5	7.3	51.7	811.7
70,0°	12.6	11.2	10.0	9.2	8.8	7.8	7.3	7.1	7.1	7.1	7.3	47.1	858.8
72,5°	11.9	10.2	9.2	8.8	8.0	7.5	6.8	6.8	6.6	6.6	6.8	41.0	899.8
75,0°	11.9	9.5	8.0	7.8	7.3	6.6	6.3	6.3	6.3	5.8	5.8	31.3	931.1
77,5°	10.5	8.3	7.1	6.6	6.1	5.8	5.4	5.4	5.4	5.1	5.4	21.0	952.1
80,0°	10.2	6.8	5.6	5.1	4.9	4.4	4.4	3.9	3.9	3.9	3.9	11.8	963.9
82,5°	8.8	5.6	4.4	3.9	3.6	3.4	3.2	2.9	2.9	2.4	2.4	6.9	970.8
85,0°	6.6	4.6	3.6	3.2	2.9	2.7	2.4	2.2	1.9	1.9	1.9	4.1	974.9
87,5°	5.1	3.6	2.9	2.7	2.4	2.2	1.9	1.9	1.7	1.5	1.5	2.8	977.7
90,0°	3.2	2.7	2.4	2.2	1.9	1.9	1.7	1.5	1.5	1.5	1.5	2.1	979.8
92,5°	2.7	2.4	2.2	2.2	1.9	1.9	1.7	1.5	1.5	1.5	1.5	2.0	981.8
95,0°	2.7	2.4	2.2	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.9	983.7
97,5°	2.7	2.4	2.2	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.8	985.5
100,0°	2.4	2.2	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.6	987.1
102,5°	2.4	2.2	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.5	988.6
105,0°	1.9	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.2	1.0	1.0	1.4	990.0
107,5°	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.0	1.3	991.3
110,0°	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.0	1.2	992.5
112,5°	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.0	1.1	993.6

Photometric test report

Family LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
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°	4.4	4.9	5.1	5.4	5.6	5.8	5.8	6.3	6.3	6.8	6.8	7.1	7.3
117,5°	4.4	4.6	4.9	5.1	5.4	5.4	5.8	5.8	6.1	6.3	6.3	6.3	6.8
120,0°	3.9	4.4	4.4	4.9	4.9	5.4	5.4	5.4	5.6	5.8	5.8	5.8	6.3
122,5°	3.6	3.9	4.1	4.4	4.4	4.4	4.9	4.9	4.9	4.9	5.4	5.4	5.4
125,0°	2.9	3.2	3.4	3.4	3.4	3.4	3.9	3.9	3.9	3.9	3.9	4.1	4.4
127,5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.9	2.9	2.9	2.9
130,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
132,5°	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
135,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.5	1.2	1.2	1.5
137,5°	1.5	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
140,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.5	0.7	0.5
142,5°	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
145,0°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
147,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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 + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
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°	7.3	7.3	6.6	5.1	6.8	7.3	4.1	3.9	3.4	2.9	2.9	2.4	2.4
117,5°	6.8	6.8	5.8	4.6	6.1	6.8	3.9	3.6	3.4	2.9	2.9	2.4	2.4
120,0°	6.3	6.3	5.4	4.1	5.1	6.3	3.9	3.6	3.2	2.9	2.9	2.4	2.4
122,5°	5.4	5.4	4.4	3.9	4.6	5.4	3.4	3.4	2.9	2.9	2.4	2.4	2.4
125,0°	4.4	4.4	3.4	2.9	3.4	4.4	2.9	2.7	2.4	2.4	2.4	2.2	1.9
127,5°	2.9	2.9	2.4	1.9	2.4	2.9	2.2	1.9	1.9	1.9	1.9	1.9	1.9
130,0°	1.9	1.7	1.5	1.5	1.5	1.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9
132,5°	1.5	1.5	1.2	1.0	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
135,0°	1.5	1.0	1.2	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
137,5°	1.0	1.0	0.7	0.7	0.7	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
140,0°	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142,5°	0.5	0.5	0.5	0.2	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
145,0°	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.7	0.5	0.5	1.0	1.0	1.0
147,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	1.0	1.0
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 + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
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°	1.9	1.9	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.2	1.0	1.1	994.6
117,5°	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	995.6
120,0°	1.9	1.9	1.9	1.9	1.5	1.5	1.5	1.5	1.5	1.0	1.5	0.9	996.5
122,5°	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.2	1.0	0.8	997.3
125,0°	1.9	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.0	1.0	0.6	997.9
127,5°	1.9	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	0.5	998.4
130,0°	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.0	0.4	998.8
132,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0	0.3	999.0
135,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.2	1.0	1.0	0.3	999.3
137,5°	1.5	1.5	1.5	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.5
140,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
142,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	999.8
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	999.9
147,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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 LANTERN LED	Order number: 5XA5255MF14H + 5XA54000XBXL EAN: 4058352833568 + 4058352415573	LP number 59358_5
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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	1520	11.8	12.1	12.0
95	241	252	1442	11.1	11.4	11.2
90	229	250	1370	10.6	10.8	10.7
85	216	248	1293	9.9	10.2	10.0
80	203	246	1215	9.3	9.6	9.4
75	190	243	1137	8.7	9.0	8.8
70	178	241	1065	8.2	8.4	8.3
65	165	238	987	7.6	7.7	7.6
60	152	235	910	7.0	7.2	7.1
55	140	232	838	6.5	6.6	6.6
50	127	229	760	6.0	6.1	6.0
45	114	225	682	5.4	5.6	5.5
40	102	221	610	5.0	5.1	5.0
35	89	216	533	4.5	4.6	4.6
30	76	210	455	4.0	4.0	4.0
26	65	204	389	3.6	3.7	3.6