
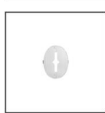

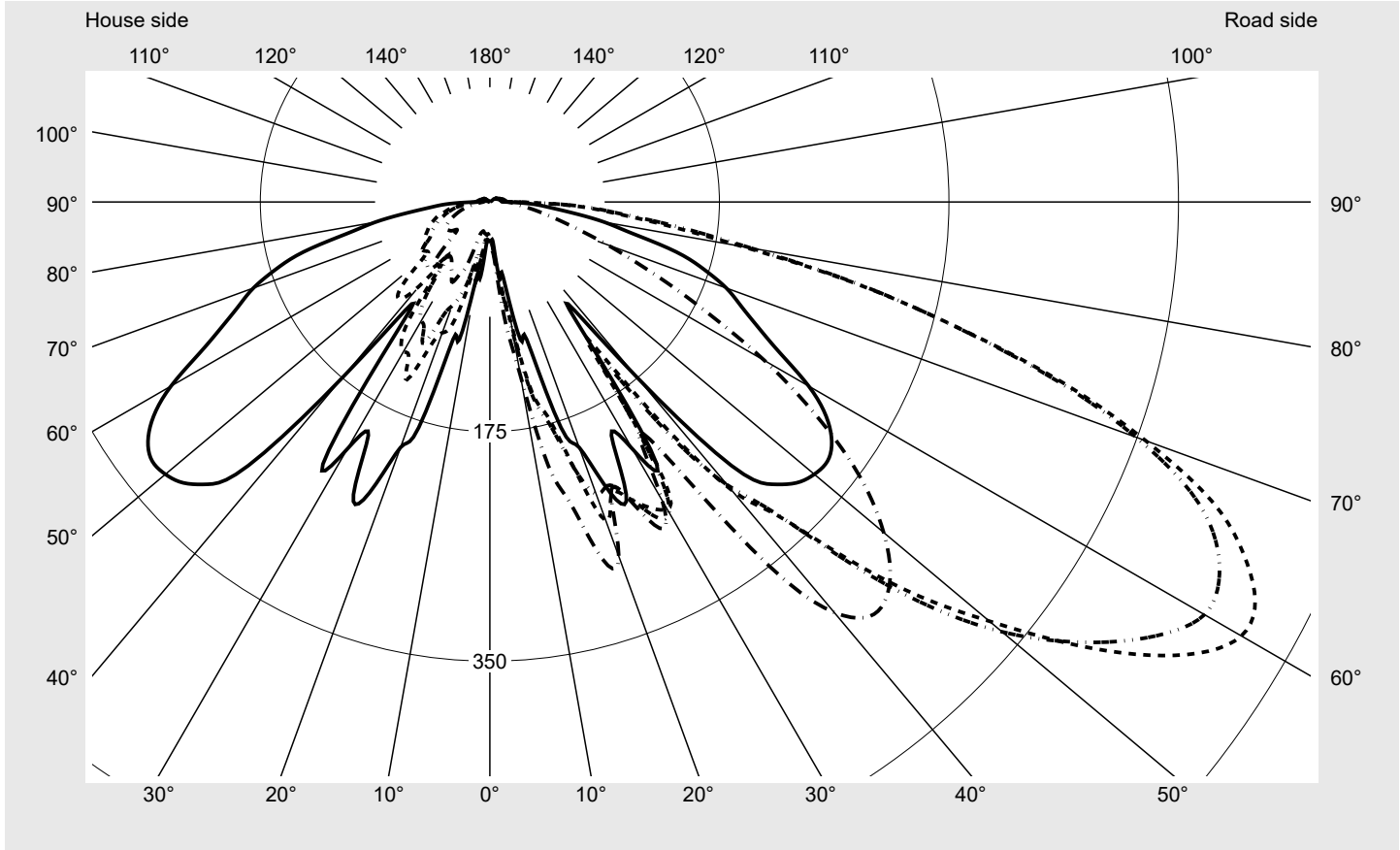


Photometric test report

Family LANTERN CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
	Version post-top- or mounting to wall arm, spreader element, structured Optic asymmetric, wide distribution (ST1.2a) Cover cover transparent, PMMA Lamps LED 2200 K CRI ≥ 70 Controlgear ECG Plus Rated values Net luminous flux = 1300 lm Power consumption = 14.8 W Luminous efficacy = 87.8 lm/W	serial documentation 09.12.2020
		

Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 662 cd/klm**



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	97.2%
Eta 90° - 180°	2.8%

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	532.1
Imax 80°	201.9
Imax 90°	20.2
Imax >90°	12.6
Imax >95°	11.3

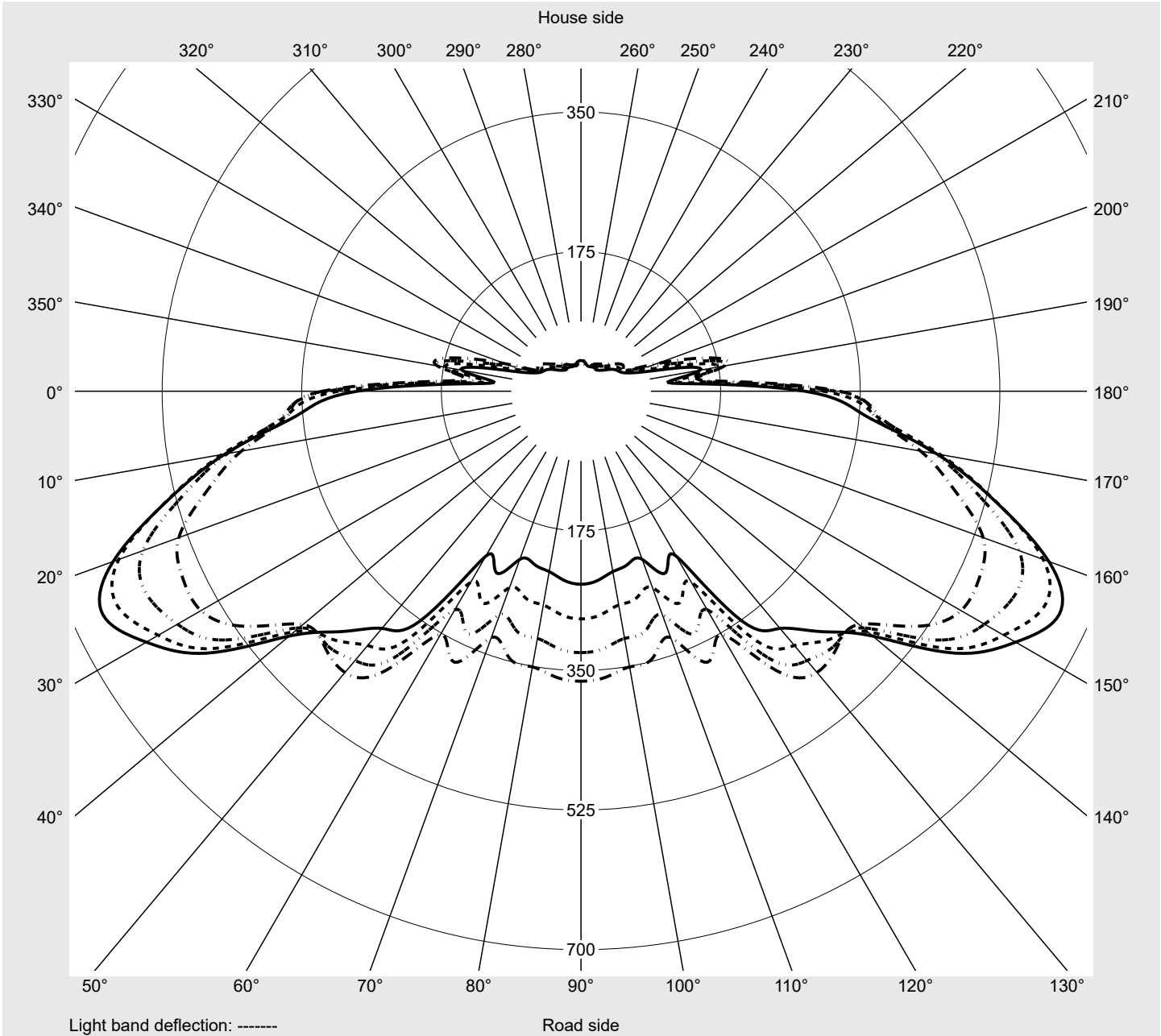
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family LANTERN CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
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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 CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
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°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
2,5°	29.3	29.3	29.9	30.2	30.2	30.9	31.2	31.8	32.8	33.7	34.7	35.0	35.6
5,0°	34.3	35.9	37.2	38.1	40.0	41.9	43.8	45.4	46.0	46.6	46.6	46.6	47.9
7,5°	59.2	62.4	63.6	63.0	63.3	64.6	66.8	69.6	72.5	73.1	72.8	70.3	67.4
10,0°	57.6	62.4	69.9	80.0	92.9	95.8	102.4	109.3	118.4	126.6	128.2	122.5	112.5
12,5°	107.4	107.7	114.7	127.6	141.8	148.7	152.8	159.1	160.3	155.6	155.6	145.9	143.0
15,0°	108.4	133.3	157.5	178.0	175.8	168.5	174.8	189.3	202.6	209.2	206.7	197.8	185.2
17,5°	180.2	187.4	186.2	203.2	218.3	211.4	211.7	222.7	227.4	230.6	232.5	223.0	211.1
20,0°	199.1	214.5	225.9	240.7	253.6	258.6	236.9	232.2	235.6	226.2	237.8	223.4	209.2
22,5°	240.0	252.0	254.2	256.1	255.5	241.6	234.1	224.3	236.3	224.0	244.1	233.7	217.1
25,0°	246.0	250.1	244.8	247.6	251.7	248.6	245.7	232.5	255.8	244.5	270.0	264.9	240.0
27,5°	200.7	212.0	228.1	244.5	253.9	262.4	269.3	249.8	276.9	256.1	284.5	272.8	243.5
30,0°	217.4	244.5	257.1	267.1	269.3	270.3	273.4	251.1	279.4	253.9	279.4	259.9	228.4
32,5°	236.9	253.6	256.4	252.0	245.4	235.6	225.2	185.5	222.1	199.1	234.4	234.7	222.1
35,0°	144.0	124.4	109.0	102.4	111.5	127.0	144.3	130.1	188.1	172.0	214.8	222.7	230.9
37,5°	98.0	108.7	125.1	147.1	173.9	199.7	217.7	208.5	242.6	224.9	274.1	260.2	250.1
40,0°	174.2	196.3	222.4	254.5	278.2	286.4	281.6	274.1	293.6	296.1	327.0	301.5	281.9
42,5°	272.5	289.5	311.2	332.4	331.4	323.5	321.3	321.0	348.1	364.5	385.3	363.2	339.0
45,0°	304.3	330.5	353.8	372.0	380.2	383.4	390.9	376.8	411.4	416.1	445.1	422.4	388.1
47,5°	316.9	350.0	387.2	412.7	436.0	445.4	457.7	427.2	444.8	435.7	463.1	441.0	396.0
50,0°	322.9	363.2	417.4	453.6	484.2	497.1	509.7	472.9	453.3	448.9	469.4	442.6	380.9
52,5°	324.5	369.8	432.2	486.1	536.5	551.3	550.0	513.8	454.9	453.9	460.2	427.8	351.9
55,0°	318.2	376.8	450.2	520.1	584.4	601.1	584.1	543.7	461.5	450.2	440.7	407.3	316.3
57,5°	304.0	373.3	457.1	540.0	616.5	640.1	611.8	562.3	469.1	440.1	416.1	380.9	276.3
60,0°	280.7	358.8	453.0	539.3	624.1	661.5	629.1	572.4	477.6	426.2	388.1	351.6	238.8
62,5°	249.5	335.8	430.6	518.5	605.8	657.8	626.6	566.1	476.6	408.6	361.3	321.3	200.7
65,0°	225.6	308.1	402.6	481.7	569.9	633.8	610.5	547.5	464.3	384.0	333.9	289.8	171.7
67,5°	207.3	291.7	376.8	445.8	526.1	595.7	578.7	513.5	436.9	356.0	304.9	259.9	143.0
70,0°	191.8	270.3	345.0	398.5	464.7	532.1	524.2	461.5	392.2	317.2	272.2	227.1	129.8
72,5°	171.4	243.8	307.1	352.8	407.6	458.0	453.3	398.2	335.8	268.1	229.3	198.8	103.3
75,0°	147.1	205.7	255.2	293.0	331.7	368.9	367.9	325.7	273.1	217.7	188.4	165.7	88.5
77,5°	111.8	158.8	196.3	226.5	256.4	283.8	285.7	252.6	212.0	170.4	150.9	140.8	79.4
80,0°	88.8	119.1	144.0	163.5	180.5	195.6	201.9	184.0	157.8	130.4	113.1	108.7	60.8
82,5°	63.3	84.4	102.4	115.6	127.0	135.5	144.6	136.1	119.7	98.0	81.0	76.9	43.2
85,0°	44.4	57.0	69.0	78.4	86.0	93.9	98.0	95.8	85.4	69.3	57.3	52.9	33.7
87,5°	30.9	40.3	47.6	54.8	59.2	62.4	66.5	66.2	58.9	49.5	41.9	39.4	27.1
90,0°	11.7	12.6	14.2	15.1	16.1	17.0	18.9	19.8	20.2	19.2	18.9	19.8	16.1
92,5°	9.8	10.1	10.7	11.3	12.0	12.0	12.0	12.0	11.7	11.7	11.7	11.7	10.7
95,0°	9.1	10.1	10.1	10.7	11.3	11.3	11.3	11.0	11.3	11.0	11.0	10.7	10.4
97,5°	8.8	9.5	10.1	10.1	10.7	10.7	10.7	10.7	10.7	10.7	10.4	10.4	10.1
100,0°	8.2	8.8	9.5	9.5	9.8	10.1	10.1	10.1	10.1	10.1	9.8	9.8	9.5
102,5°	7.9	8.2	8.8	8.8	8.8	9.5	9.5	9.5	9.1	9.1	9.1	9.1	8.8
105,0°	7.2	7.6	8.2	8.2	8.2	8.2	8.8	8.5	8.5	8.5	8.5	8.8	8.8
107,5°	6.6	6.9	7.2	7.6	7.6	7.9	8.2	8.2	7.9	7.9	8.2	8.2	8.2
110,0°	6.3	6.3	6.9	6.9	7.6	7.6	7.6	7.6	7.2	7.6	7.6	7.6	7.6
112,5°	5.7	6.3	6.3	6.9	6.9	6.9	7.2	6.9	6.9	6.9	6.9	6.9	6.9

Photometric test report

Family LANTERN CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
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°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
2,5°	35.9	36.2	36.5	36.5	36.9	36.5	28.7	28.4	28.0	27.7	27.7	27.4	27.1
5,0°	50.1	51.0	50.1	50.4	49.8	49.1	33.4	32.4	31.8	30.9	30.2	29.6	29.3
7,5°	68.7	74.3	81.0	85.7	92.3	94.5	54.5	49.1	42.2	38.1	34.0	31.5	30.2
10,0°	100.5	101.8	118.4	128.2	131.7	134.8	57.6	59.5	63.3	64.3	61.7	51.0	39.1
12,5°	140.8	150.0	172.6	192.2	204.1	206.0	86.0	93.2	69.3	59.2	45.7	39.4	43.5
15,0°	190.6	189.0	204.1	232.8	241.6	238.2	92.6	81.0	76.2	74.3	74.7	59.2	68.7
17,5°	222.4	222.7	237.2	272.5	284.5	285.4	151.8	99.5	121.0	105.8	100.2	75.3	75.6
20,0°	232.2	227.4	229.3	267.5	285.1	287.3	168.9	117.8	143.7	122.2	106.2	84.4	80.0
22,5°	242.3	228.4	206.3	230.3	239.1	241.3	204.5	130.1	153.1	137.4	119.4	95.1	81.9
25,0°	258.9	244.1	223.7	247.3	250.8	248.9	207.6	129.8	174.2	161.3	149.3	118.8	96.7
27,5°	264.9	255.2	241.0	269.0	278.8	280.4	152.5	94.8	161.3	144.6	134.2	109.0	90.4
30,0°	245.7	235.3	222.1	245.7	258.6	262.7	155.9	92.3	157.5	141.8	131.7	104.6	85.1
32,5°	218.0	209.8	207.6	226.8	218.0	212.3	176.1	96.7	155.9	135.1	125.4	97.7	76.9
35,0°	253.9	228.1	218.9	247.0	246.0	243.8	122.2	101.1	131.1	114.0	101.4	79.1	66.8
37,5°	287.9	248.2	258.0	320.7	343.1	349.7	87.6	77.5	80.0	69.6	61.1	51.7	46.6
40,0°	336.4	308.1	333.6	388.7	401.7	408.3	134.8	95.1	112.8	95.1	83.5	62.1	48.5
42,5°	397.2	355.7	378.0	414.3	424.0	428.4	182.4	127.9	161.3	127.3	99.9	69.0	61.7
45,0°	431.3	376.1	397.9	416.8	424.3	427.2	185.5	149.3	184.0	138.3	98.9	68.0	71.2
47,5°	429.4	370.2	392.8	404.2	411.7	413.9	178.6	161.3	179.9	128.5	84.4	68.0	73.1
50,0°	408.0	354.1	373.6	381.2	389.4	391.9	164.8	173.3	170.4	111.5	66.2	61.4	65.2
52,5°	374.9	328.6	346.5	350.9	359.8	363.5	155.3	182.7	161.3	100.5	62.4	61.4	59.5
55,0°	335.5	298.3	311.2	314.7	323.8	327.6	141.1	182.1	142.4	88.5	62.1	62.7	58.0
57,5°	292.7	262.1	268.4	272.2	281.3	285.4	125.7	171.1	121.9	76.2	58.0	56.7	52.6
60,0°	251.1	224.3	224.9	229.7	238.2	241.9	115.0	151.5	104.0	67.4	56.1	52.3	47.9
62,5°	211.7	186.2	182.7	187.1	193.1	195.3	104.3	128.8	88.8	62.4	55.1	50.4	45.0
65,0°	179.2	154.0	146.8	149.6	155.0	155.6	95.5	110.3	78.4	58.9	52.6	47.3	41.9
67,5°	150.3	125.1	115.9	117.2	119.7	121.6	85.7	97.3	71.5	55.8	50.4	44.1	38.4
70,0°	126.3	101.8	91.7	91.7	92.9	95.1	85.1	88.2	65.8	53.9	47.6	41.6	35.9
72,5°	104.3	81.3	70.9	69.3	71.2	72.5	74.0	80.0	58.6	50.4	44.1	37.8	32.8
75,0°	86.6	65.5	55.8	53.6	54.8	56.1	66.5	69.0	50.7	46.6	40.6	34.7	29.6
77,5°	73.7	52.0	43.2	40.6	41.9	43.5	55.8	55.8	42.8	40.3	35.3	30.9	26.5
80,0°	57.3	41.3	34.3	32.1	32.8	34.0	45.7	45.7	36.9	35.0	31.5	27.4	23.6
82,5°	41.3	31.8	27.1	25.2	25.2	25.8	35.9	35.0	29.3	28.4	25.2	22.7	19.8
85,0°	32.4	25.8	22.1	20.8	20.8	20.8	27.1	26.1	23.6	22.7	20.5	18.3	16.4
87,5°	26.8	22.1	19.5	18.0	17.6	17.6	20.8	19.5	19.2	17.6	16.1	14.8	13.2
90,0°	17.6	15.4	14.5	13.9	13.9	13.9	10.4	10.4	9.8	9.5	8.8	8.5	8.2
92,5°	11.3	11.7	12.0	12.0	12.6	12.6	8.8	8.8	8.5	8.2	7.9	7.9	7.6
95,0°	10.7	11.0	11.3	11.7	12.0	12.0	8.8	8.8	8.5	8.2	7.9	7.6	7.6
97,5°	10.7	10.7	10.7	11.3	11.3	11.3	8.2	8.2	8.2	7.9	7.6	7.6	7.6
100,0°	10.1	10.1	10.4	10.7	10.7	10.7	8.2	7.6	7.6	7.6	7.6	7.6	6.9
102,5°	9.5	9.5	9.5	9.8	10.1	10.1	7.6	6.9	6.9	6.9	6.9	6.9	6.3
105,0°	8.8	8.8	8.8	9.1	9.5	8.8	6.9	6.9	6.3	6.3	6.3	6.0	5.7
107,5°	8.2	8.2	8.5	8.8	8.8	8.2	6.3	6.0	5.7	5.7	5.7	5.4	5.0
110,0°	7.6	7.9	8.2	8.2	8.2	7.6	5.7	5.7	5.4	5.0	5.0	5.0	5.0
112,5°	7.6	7.6	7.6	7.6	6.9	4.4	5.7	5.4	5.0	5.0	5.0	5.0	5.0

Photometric test report

Family LANTERN CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
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°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	0.0	0.0
2,5°	27.1	26.8	26.8	26.1	25.8	25.5	25.2	25.2	24.9	24.6	24.6	0.4	0.4
5,0°	28.7	28.0	27.1	26.5	26.1	25.8	25.5	25.5	25.2	24.9	25.2	0.9	1.3
7,5°	29.3	28.4	27.4	26.1	25.5	25.2	25.2	24.6	24.6	24.6	24.6	1.9	3.1
10,0°	32.1	29.3	27.7	26.5	25.8	25.2	24.6	24.3	23.9	23.9	23.9	3.4	6.6
12,5°	50.1	51.3	42.5	30.6	27.4	25.8	24.9	24.3	23.6	23.0	22.7	5.9	12.4
15,0°	66.5	57.0	64.0	69.0	58.6	41.6	29.9	26.1	24.9	23.6	23.9	8.8	21.2
17,5°	74.0	67.1	59.2	52.3	46.3	48.2	53.2	50.1	33.1	30.6	30.2	12.3	33.6
20,0°	73.7	64.9	59.5	57.6	57.6	52.6	48.2	44.7	37.2	44.7	52.3	15.0	48.6
22,5°	71.8	63.0	57.3	55.8	57.6	57.0	56.1	55.4	47.3	52.9	59.2	17.2	65.8
25,0°	78.8	63.6	56.7	56.4	60.2	60.8	64.6	65.8	59.9	64.3	67.4	20.3	86.1
27,5°	75.0	65.2	59.5	60.5	63.0	63.6	65.2	63.3	56.4	59.9	62.4	22.0	108.0
30,0°	73.1	65.8	61.4	60.2	61.4	62.4	62.7	58.6	52.6	56.1	58.6	23.6	131.7
32,5°	74.7	71.5	68.0	65.8	65.5	62.1	58.3	54.5	49.5	52.6	54.2	23.3	155.0
35,0°	65.5	67.7	67.1	69.3	70.3	65.8	60.2	54.5	48.5	50.1	51.7	20.5	175.5
37,5°	52.0	56.7	60.5	64.6	66.8	64.3	59.5	56.1	49.5	49.1	52.3	24.3	199.8
40,0°	43.2	40.3	46.9	52.3	59.2	60.2	59.2	55.8	51.7	54.2	59.9	32.4	232.2
42,5°	54.8	42.5	37.2	38.4	46.0	48.8	52.0	52.0	51.7	56.7	62.4	40.3	272.5
45,0°	64.3	51.7	43.2	39.7	38.7	37.2	39.4	42.2	43.5	46.9	50.4	46.3	318.8
47,5°	65.2	54.2	46.9	41.9	38.4	35.0	32.8	33.4	34.3	35.9	37.2	50.2	369.0
50,0°	59.2	52.0	46.6	42.8	40.6	36.5	33.1	31.2	30.9	32.1	32.8	52.8	421.8
52,5°	53.2	48.2	44.4	41.6	39.4	36.9	34.0	33.4	32.4	35.0	35.9	54.7	476.5
55,0°	50.7	44.7	41.0	38.7	38.7	36.9	35.0	34.3	34.3	37.5	37.8	55.8	532.3
57,5°	46.9	41.3	37.8	35.9	36.9	35.6	34.3	34.3	35.0	38.1	39.1	55.6	588.0
60,0°	41.9	37.2	34.3	32.8	33.7	33.4	32.8	32.8	35.0	37.8	38.4	54.4	642.4
62,5°	39.1	34.3	31.5	29.9	31.2	30.6	30.6	31.2	33.7	35.9	36.5	52.0	694.4
65,0°	36.5	31.8	29.6	27.7	28.7	28.0	28.0	28.7	32.1	33.4	34.0	48.9	743.4
67,5°	33.7	29.9	27.7	25.8	26.5	26.1	25.8	26.1	29.6	30.9	30.9	45.5	788.9
70,0°	31.5	27.4	25.5	23.6	24.3	23.6	23.3	23.9	26.8	27.7	27.7	41.3	830.1
72,5°	28.4	24.9	23.0	21.7	22.1	21.1	20.8	21.1	23.6	24.3	24.6	36.2	866.3
75,0°	25.5	22.7	20.8	19.2	19.5	18.6	18.3	18.9	20.8	20.8	21.4	30.4	896.7
77,5°	23.0	20.2	18.3	17.3	17.0	16.1	15.8	16.4	17.6	17.6	17.6	24.3	921.0
80,0°	20.2	17.6	16.1	15.1	14.8	13.9	12.9	13.5	14.5	14.5	14.5	18.5	939.5
82,5°	17.3	15.1	13.9	12.9	12.3	11.7	10.4	11.0	11.3	11.3	11.3	13.7	953.3
85,0°	14.5	12.6	11.7	10.7	10.1	9.1	8.5	8.8	8.8	8.5	8.2	10.0	963.3
87,5°	12.0	10.7	9.5	8.8	8.2	7.6	6.9	6.9	6.9	6.9	6.3	7.4	970.6
90,0°	7.9	7.6	6.9	6.3	6.3	5.7	5.7	5.7	5.4	5.4	5.0	3.3	973.9
92,5°	7.6	6.9	6.6	6.3	6.3	5.7	5.7	5.7	5.7	5.4	5.7	2.5	976.5
95,0°	7.2	6.9	6.6	6.6	6.3	6.0	5.7	5.7	5.7	5.7	5.7	2.5	978.9
97,5°	6.9	6.6	6.9	6.6	6.3	5.7	5.7	5.7	5.4	5.7	5.7	2.4	981.3
100,0°	6.6	6.3	6.3	6.3	6.3	5.7	5.7	5.0	5.0	5.4	5.7	2.2	983.5
102,5°	6.0	6.3	5.7	5.7	5.7	5.0	5.0	4.7	4.4	4.4	4.4	2.0	985.5
105,0°	5.7	5.7	5.4	5.0	5.0	4.4	4.4	4.4	4.4	3.8	3.8	1.9	987.4
107,5°	5.0	5.0	4.7	4.4	4.4	4.1	3.8	3.8	3.5	3.2	3.2	1.7	989.1
110,0°	4.4	4.4	4.4	4.4	3.8	3.8	3.8	3.2	3.2	3.2	3.2	1.5	990.6
112,5°	4.4	4.4	4.4	3.8	3.8	3.8	3.2	3.2	3.2	2.5	2.5	1.4	992.0

Photometric test report

Family LANTERN CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
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	6.3	6.3	6.6	6.6	6.9	6.6	6.6	6.6	6.6	6.9	6.9
117,5°	5.0	5.7	5.7	5.7	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
120,0°	5.0	5.0	5.7	5.7	5.7	6.0	6.0	5.7	5.7	5.7	6.0	6.3	6.3
122,5°	5.0	5.0	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0
125,0°	3.8	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.7	4.7
127,5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
130,0°	2.2	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
132,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
135,0°	1.9	1.9	1.9	1.6	1.9	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
137,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.9	0.9	0.6	0.6	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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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 CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
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°	6.9	6.9	7.6	7.6	6.0	2.5	5.0	5.0	5.0	4.7	4.7	4.7	4.4
117,5°	6.9	6.9	6.9	6.9	5.0	2.5	5.0	5.0	4.4	4.4	4.4	4.4	4.4
120,0°	6.3	6.3	6.3	6.3	4.4	1.9	5.0	4.4	4.4	4.4	4.4	4.4	4.4
122,5°	6.3	6.3	6.3	6.3	3.8	1.9	4.7	4.4	4.4	4.4	4.1	4.4	3.8
125,0°	5.0	5.0	5.0	5.0	3.2	1.9	3.8	3.8	3.8	3.2	3.2	3.2	3.2
127,5°	3.2	3.2	3.2	3.2	1.9	1.3	2.8	2.5	2.5	2.5	2.5	2.5	2.5
130,0°	1.9	1.9	2.2	1.9	1.3	0.6	1.9	1.9	1.9	1.9	1.9	1.9	2.2
132,5°	1.9	1.9	1.9	1.6	1.3	0.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9
135,0°	1.3	1.3	1.3	1.3	0.6	0.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9
137,5°	1.3	1.3	1.3	1.3	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.6
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.3	0.9
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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 CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
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°	4.4	4.4	3.8	3.8	3.8	3.8	3.2	3.2	3.2	2.5	1.9	1.3	993.3
117,5°	4.4	4.1	3.8	3.8	3.8	3.2	3.2	3.2	3.2	2.5	1.9	1.2	994.6
120,0°	4.4	3.8	3.8	3.8	3.8	3.2	3.2	3.2	2.8	2.2	1.9	1.1	995.7
122,5°	3.8	3.8	3.8	3.8	3.2	3.2	3.2	3.2	2.5	1.9	1.9	1.1	996.8
125,0°	3.2	3.2	3.2	3.2	2.8	2.5	2.5	2.5	2.5	1.9	1.9	0.8	997.6
127,5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.9	1.6	1.3	0.6	998.2
130,0°	2.2	1.9	2.5	2.2	1.9	1.9	1.9	1.9	1.9	1.3	1.3	0.4	998.6
132,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.3	0.4	998.9
135,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.3	1.3	0.3	999.2
137,5°	1.3	1.3	1.3	1.3	1.6	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.5
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.6	1.3	0.2	999.7
142,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.9	0.6	0.6	0.1	999.8
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.1	999.9
147,5°	0.6	0.6	0.6	0.6	0.9	0.9	0.6	0.9	0.6	0.6	0.6	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 CLASSIC LED	Order number: 5XA5243AB14H + 5XA54000XS EAN: 4058352436349 + 4050737730073	LP number 59105_2
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Dimming levels table	environmental temperature: 25°C	sITeco
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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	1300	14.8	15.5	15.2
95	241	1233	13.9	14.7	14.3
90	229	1172	13.1	13.8	13.4
85	216	1106	12.2	12.9	12.6
80	203	1039	11.6	12.1	11.8
75	190	972	10.7	11.3	11.0
70	178	911	10.1	10.5	10.3
65	165	844	9.3	9.7	9.5
60	152	778	8.6	9.0	8.8
55	140	717	8.0	8.3	8.2
50	127	650	7.3	7.6	7.4
45	114	583	6.7	7.0	6.8
40	102	522	6.1	6.3	6.2
35	89	456	5.5	5.7	5.6
30	76	389	4.8	5.0	4.9
25	63	322	4.2	4.4	4.3
20	51	261	3.6	3.8	3.7
15	38	194	2.8	2.9	2.8
13	33	169	2.6	2.7	2.7