

Photometric test report

Family
LANTERN CLASSIC LED

Order number: **5XA5245KF14HP**
EAN: **4058352834572**

LP number
58716_19

serial
documentation
24.05.2022



Version post-top- or mounting to wall arm
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 = 4430 lm
Power consumption = 33.6 W
Luminous efficacy = 131.8 lm/W

siteco

Luminous intensity in cd/klm

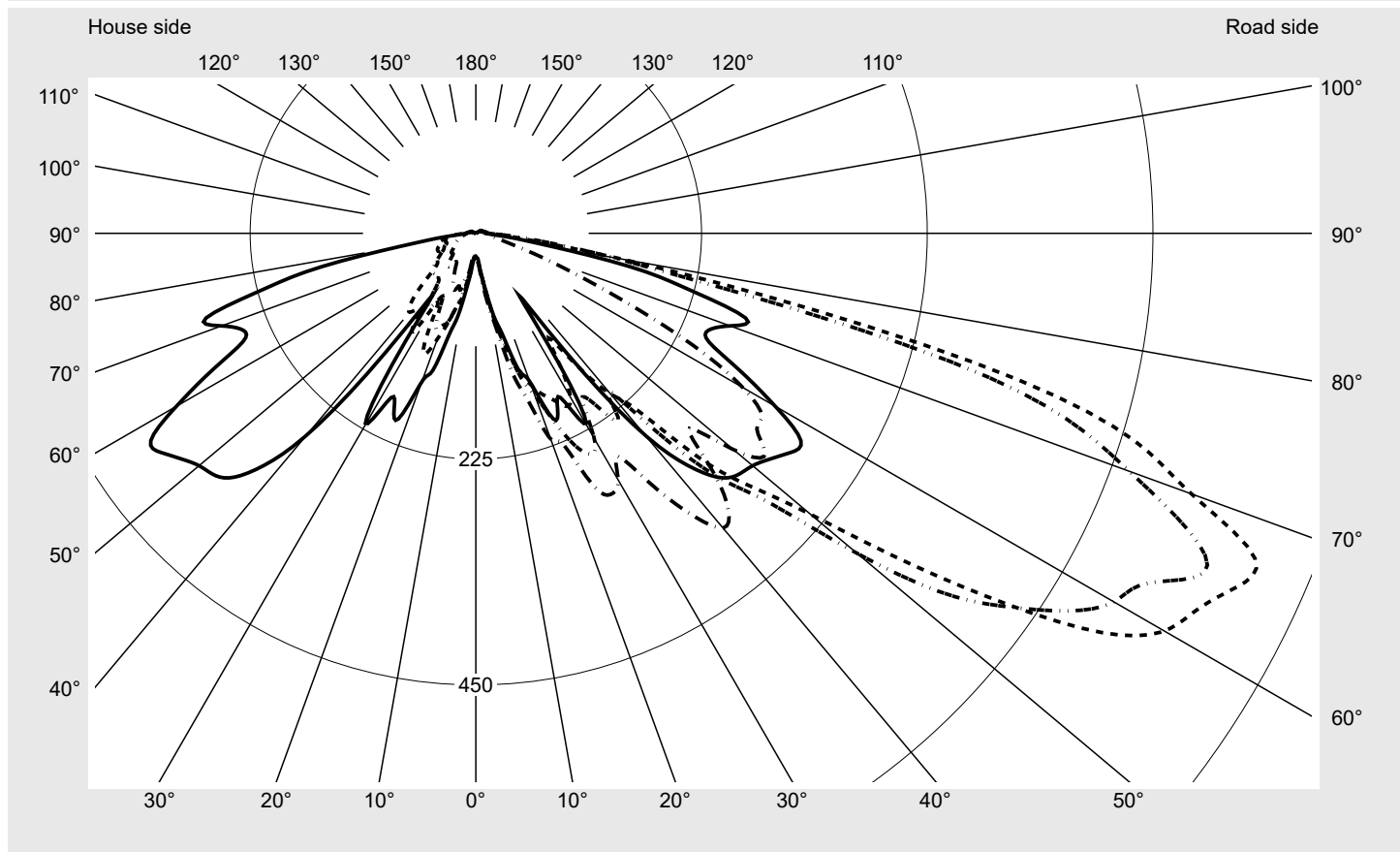
C180-0

C205-25

C210-30

C270-90

Imax: **839 cd/klm**



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	97.5%
Eta 90° - 180°	2.5%

Luminous intensity class acc. to EN13201-2

Class:	G1
Imax 70°	759.0
Imax 80°	170.3
Imax 90°	12.9
Imax >90°	11.8
Imax >95°	9.9

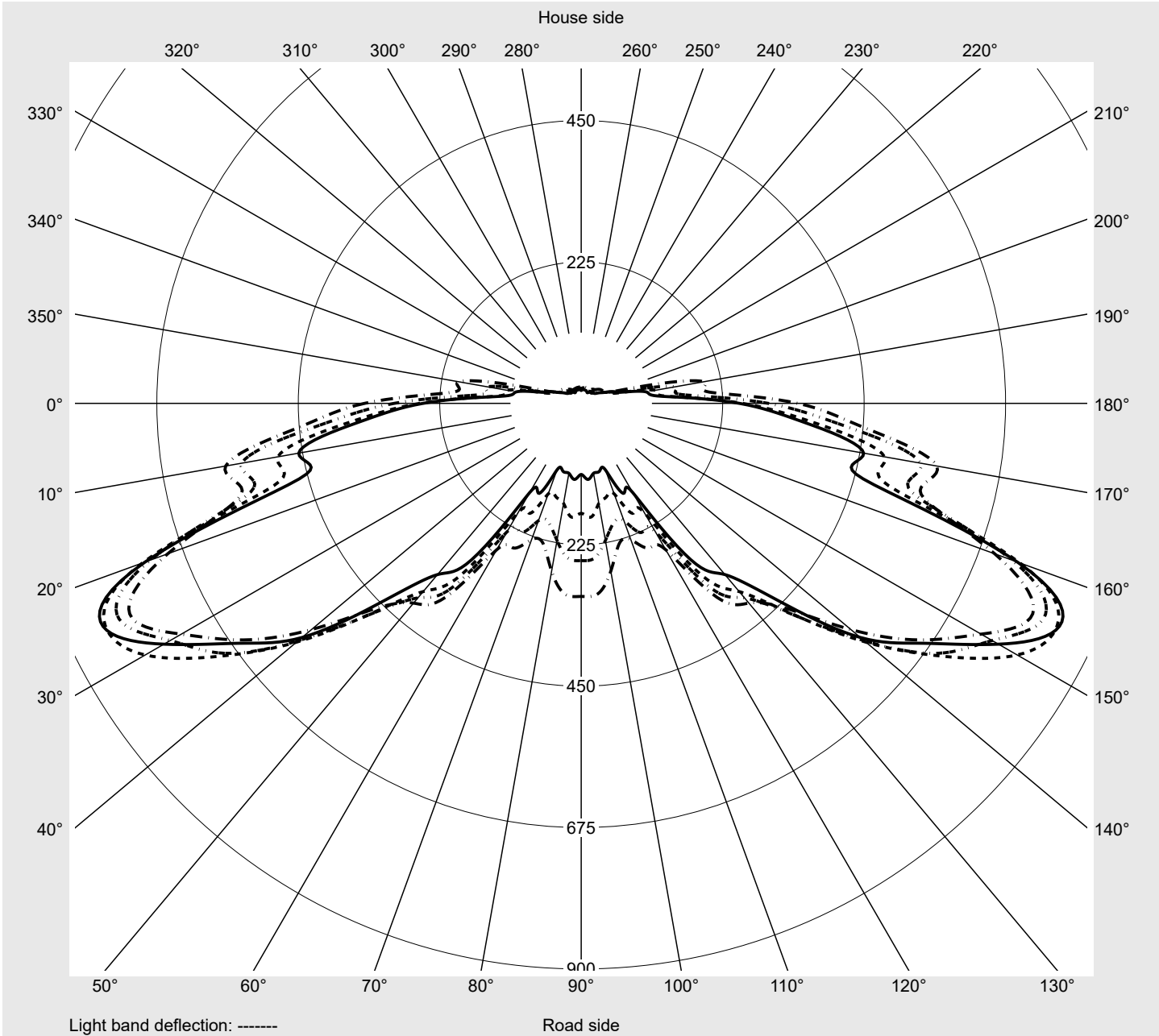
Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



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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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2,5°	24.9	24.9	25.3	24.9	25.3	25.3	25.4	25.4	26.0	25.6	26.4	26.0	26.4
5,0°	26.6	26.8	27.7	27.9	29.4	29.4	31.1	30.4	31.9	30.6	31.7	30.2	32.1
7,5°	41.0	39.5	42.7	41.0	41.2	41.0	42.2	42.7	44.2	43.3	42.5	38.7	40.6
10,0°	59.8	49.9	54.9	55.6	60.2	61.0	66.7	65.5	71.4	66.3	69.7	65.3	64.8
12,5°	86.8	86.0	91.2	88.9	97.4	93.2	91.5	94.2	96.1	98.6	100.1	91.9	95.7
15,0°	107.1	108.6	111.1	115.6	120.6	119.4	117.5	136.2	149.3	136.0	133.5	124.0	115.3
17,5°	143.8	136.2	130.3	138.8	155.1	142.4	151.9	151.7	162.4	162.4	162.7	157.8	156.1
20,0°	157.2	177.0	170.7	175.1	196.4	160.8	171.5	171.9	177.6	169.2	172.8	166.5	175.8
22,5°	199.0	203.0	201.7	214.2	211.7	173.8	201.9	184.6	188.6	178.9	190.7	199.6	195.0
25,0°	192.7	179.8	178.5	187.4	202.6	183.2	232.8	223.1	220.3	208.9	215.9	205.1	209.5
27,5°	186.1	193.5	199.8	215.0	229.6	194.3	248.0	253.7	249.9	232.4	214.8	205.5	205.3
30,0°	219.3	229.4	238.7	240.4	238.7	188.6	236.2	233.0	258.6	248.6	232.2	209.5	208.5
32,5°	155.7	196.5	212.1	226.5	211.0	156.3	197.3	175.3	195.6	203.8	210.0	207.0	220.8
35,0°	75.8	60.6	73.5	123.1	156.9	127.4	209.8	191.8	210.4	207.7	234.7	225.8	235.9
37,5°	164.8	124.8	118.7	105.4	140.9	167.9	234.0	250.7	266.6	246.3	252.8	238.7	242.5
40,0°	262.8	256.2	256.7	228.8	235.5	209.3	202.6	204.3	242.3	294.9	292.1	264.5	271.6
42,5°	314.7	305.5	324.7	303.3	290.4	240.4	272.7	223.7	251.8	263.2	273.1	271.7	295.7
45,0°	344.3	340.5	372.4	357.8	310.7	319.8	346.7	315.4	338.0	318.6	302.5	275.2	282.8
47,5°	355.5	375.8	429.2	419.5	329.3	374.7	398.0	359.9	360.6	346.9	353.6	321.9	296.4
50,0°	360.2	409.6	479.3	471.5	351.1	435.8	496.0	444.7	399.0	356.2	356.2	324.2	303.3
52,5°	369.5	417.2	501.1	519.4	456.9	533.6	589.8	531.5	453.1	414.4	395.6	362.7	316.9
55,0°	381.5	431.3	507.4	530.0	553.7	641.8	649.1	575.2	487.8	449.7	419.1	384.0	302.1
57,5°	384.2	449.3	542.5	571.6	638.4	740.6	700.1	604.8	522.0	460.3	422.7	386.8	293.2
60,0°	344.7	454.2	574.2	559.8	700.0	792.4	734.5	656.3	560.0	461.3	414.9	376.9	269.1
62,5°	297.6	423.7	548.0	544.1	729.2	811.2	754.8	693.3	587.5	474.9	404.1	357.8	236.0
65,0°	256.5	378.5	489.9	506.3	742.9	835.5	800.8	701.5	591.1	473.2	391.0	333.6	200.9
67,5°	251.6	359.1	456.1	464.3	738.3	839.3	766.4	665.6	579.6	444.7	355.7	303.6	163.9
70,0°	269.7	379.8	407.7	455.2	681.9	759.0	693.1	616.2	511.4	397.8	320.2	273.3	131.6
72,5°	282.8	395.0	358.9	487.5	634.8	689.3	619.4	530.0	410.0	332.7	264.9	225.8	106.2
75,0°	224.8	325.9	296.8	427.6	522.6	551.8	481.4	381.9	273.1	228.8	207.7	189.7	89.6
77,5°	166.5	219.7	191.8	297.2	321.5	321.9	252.2	213.1	167.1	158.0	157.2	162.4	66.7
80,0°	81.7	103.7	91.0	170.3	151.9	147.4	138.2	139.2	115.6	90.8	72.0	84.7	31.3
82,5°	41.4	54.5	51.8	84.5	61.9	60.0	76.7	94.9	72.2	47.1	31.7	23.9	14.6
85,0°	19.7	26.0	26.0	31.7	23.9	34.8	41.8	44.2	28.5	23.0	16.1	14.6	12.2
87,5°	12.9	15.6	15.4	17.5	17.5	19.7	20.9	20.3	17.5	14.8	13.1	12.5	10.4
90,0°	9.5	12.0	12.3	12.7	12.9	12.9	12.5	12.2	11.6	11.8	11.2	10.6	9.9
92,5°	9.3	11.0	11.2	11.8	11.6	11.8	11.4	11.2	10.6	10.6	10.4	10.1	9.7
95,0°	8.5	9.5	9.7	10.3	10.6	10.8	10.4	10.3	9.9	9.7	9.7	9.5	9.3
97,5°	7.8	8.5	8.9	8.9	9.3	9.7	9.7	9.5	9.1	9.3	9.1	8.7	8.9
100,0°	7.0	7.4	7.8	8.2	8.2	8.5	8.5	8.5	8.2	8.5	8.4	8.4	8.2
102,5°	6.3	6.6	7.0	7.0	7.4	7.8	7.8	7.8	7.6	7.6	7.6	7.6	7.6
105,0°	5.9	5.9	6.3	6.6	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.2
107,5°	5.3	5.5	5.7	6.1	6.3	6.6	6.6	6.5	6.6	6.6	6.6	6.6	6.8
110,0°	5.1	5.1	5.5	5.9	6.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
112,5°	4.7	5.1	5.3	5.5	5.9	6.1	6.3	6.1	6.1	6.1	6.1	6.3	6.3

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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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2,5°	25.8	26.4	26.0	26.8	26.2	27.0	25.1	24.7	24.7	24.3	24.5	23.7	23.7
5,0°	31.1	32.7	31.3	32.1	31.0	31.5	26.0	25.4	25.3	25.1	24.9	24.5	24.3
7,5°	40.4	42.2	42.0	46.5	47.5	50.1	41.2	35.7	38.9	33.6	38.7	31.7	36.3
10,0°	58.1	59.2	63.4	71.2	68.0	74.1	61.1	65.5	59.2	58.5	52.6	47.9	44.4
12,5°	83.7	89.6	92.5	100.6	99.9	102.5	80.9	82.8	82.6	73.7	67.8	62.3	62.5
15,0°	108.4	111.8	122.9	140.7	138.8	148.5	102.5	83.6	92.5	83.6	76.5	77.3	77.7
17,5°	153.8	162.2	164.4	169.2	167.1	176.6	135.0	105.0	120.0	106.9	94.9	92.9	92.3
20,0°	176.0	180.8	167.3	185.9	211.0	218.4	148.9	115.1	134.1	122.1	111.8	98.0	94.4
22,5°	209.6	205.7	183.6	194.6	214.8	227.5	185.5	130.3	149.4	145.7	129.7	103.3	83.7
25,0°	224.5	227.9	221.0	240.0	265.5	277.6	178.5	126.3	146.2	150.0	121.0	89.3	68.4
27,5°	230.3	236.4	244.6	260.2	285.8	292.8	182.3	116.8	121.2	98.7	86.6	71.2	60.6
30,0°	234.9	239.6	252.4	250.7	274.6	283.7	160.7	66.5	98.0	87.4	83.9	79.4	70.3
32,5°	245.2	251.8	263.2	236.4	257.9	263.6	122.9	52.4	121.9	123.1	116.2	88.1	57.7
35,0°	270.6	254.1	267.4	256.9	288.3	306.1	109.0	122.7	135.2	127.8	102.9	78.2	51.8
37,5°	267.8	261.3	298.3	297.0	337.3	353.6	182.1	159.1	135.2	117.0	95.3	61.5	44.4
40,0°	294.0	288.5	331.2	330.4	369.0	383.2	245.3	168.6	171.9	135.4	102.5	58.1	47.5
42,5°	332.3	305.5	347.1	337.3	367.4	372.2	293.2	192.0	195.0	151.5	97.0	54.5	53.9
45,0°	307.1	282.6	316.7	307.3	331.7	332.3	306.1	232.6	204.1	151.9	83.2	56.2	58.5
47,5°	295.5	269.7	293.8	277.4	291.9	288.3	292.1	245.7	210.2	139.2	65.3	57.5	57.5
50,0°	309.9	282.6	299.3	287.3	321.1	335.4	275.0	260.9	212.5	120.8	52.8	54.5	53.2
52,5°	312.0	293.4	317.9	323.4	358.3	363.1	265.9	279.5	202.2	102.2	48.0	51.8	48.6
55,0°	295.1	285.6	312.9	317.5	343.3	342.2	262.6	275.9	182.5	82.4	46.9	47.9	44.8
57,5°	272.5	254.3	267.9	301.6	330.8	338.0	248.6	248.2	148.5	63.0	45.4	43.5	41.2
60,0°	254.1	230.7	232.1	271.2	304.2	307.3	204.7	197.9	111.7	56.2	43.5	39.9	38.0
62,5°	226.7	198.6	197.5	221.6	246.9	250.3	160.5	151.5	78.2	52.2	41.8	36.7	33.4
65,0°	193.1	153.2	154.2	161.6	181.5	175.1	133.5	120.0	67.2	49.6	41.6	34.9	30.4
67,5°	158.0	112.8	111.8	113.0	121.5	113.2	128.7	105.0	69.3	54.7	41.4	33.8	27.5
70,0°	132.0	87.0	75.0	67.8	75.8	71.0	138.6	111.5	73.7	54.5	39.5	31.3	25.1
72,5°	106.7	68.2	47.9	41.4	43.5	41.8	128.7	107.1	68.0	51.7	37.2	30.6	24.1
75,0°	79.8	45.0	34.0	28.5	28.1	27.0	87.5	76.7	55.4	44.8	37.8	31.5	25.1
77,5°	54.9	26.2	23.9	21.1	20.9	20.1	74.6	62.1	48.4	41.6	36.3	30.6	25.4
80,0°	25.4	16.7	17.1	16.3	16.7	16.3	49.0	46.3	40.6	37.6	31.7	28.7	24.7
82,5°	13.9	12.7	13.1	12.9	13.5	13.3	31.0	32.9	32.3	30.8	27.2	25.4	21.1
85,0°	12.0	11.4	11.6	11.6	12.2	12.2	19.9	21.5	23.5	25.1	22.4	20.7	18.4
87,5°	10.6	10.3	10.8	10.8	11.0	11.0	14.8	16.0	16.0	17.1	15.6	15.8	14.6
90,0°	9.9	9.9	10.4	10.4	10.4	10.6	11.6	11.8	11.4	11.6	11.6	11.6	11.6
92,5°	9.7	9.7	10.3	10.3	10.4	10.6	10.6	10.6	10.1	10.6	10.4	10.6	10.3
95,0°	9.5	9.3	9.7	9.9	10.1	10.3	9.1	9.3	8.7	9.1	8.7	9.1	8.7
97,5°	9.1	9.1	9.3	9.5	9.7	9.9	8.2	8.2	7.6	7.8	7.8	8.0	7.8
100,0°	8.5	8.5	8.9	8.7	9.1	9.1	7.0	7.0	6.6	6.8	6.6	6.8	6.6
102,5°	8.0	8.0	8.2	8.2	8.4	8.4	6.3	6.3	5.9	6.3	5.9	6.1	5.9
105,0°	7.4	7.6	7.6	7.6	7.8	7.6	5.7	5.5	5.3	5.5	5.3	5.5	5.3
107,5°	6.8	6.8	7.0	7.0	7.2	7.2	5.3	5.1	4.7	4.7	4.7	4.9	4.7
110,0°	6.5	6.5	6.6	6.8	6.8	7.2	4.9	4.7	4.4	4.6	4.4	4.6	4.4
112,5°	6.3	6.5	6.5	6.5	6.6	6.8	4.7	4.7	4.2	4.4	4.2	4.4	4.0

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		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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	0.0	0.0
2,5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.4	23.5	23.5	0.3	0.3
5,0°	23.9	23.9	23.7	23.5	23.7	23.7	23.7	23.5	23.5	23.4	23.5	0.7	1.0
7,5°	31.9	33.8	29.2	30.8	27.3	26.6	25.3	25.3	24.3	23.7	23.5	1.3	2.3
10,0°	40.3	36.7	40.1	38.5	40.1	36.8	37.8	38.2	39.5	43.7	40.3	2.6	4.9
12,5°	59.1	59.1	54.9	54.3	53.4	54.1	45.2	41.8	44.4	45.0	43.7	4.6	9.5
15,0°	72.7	59.4	65.7	64.6	63.6	58.9	39.7	40.6	54.1	58.9	58.1	6.9	16.4
17,5°	78.2	64.6	68.9	65.7	62.9	60.2	53.7	51.5	54.9	57.3	55.1	9.7	26.1
20,0°	76.7	60.0	63.4	60.4	60.2	58.5	49.9	49.0	49.4	54.5	59.6	12.3	38.4
22,5°	65.5	53.6	56.2	54.1	53.9	53.4	49.2	48.8	46.5	57.3	59.2	15.0	53.4
25,0°	56.8	49.9	51.5	49.2	49.4	49.2	49.8	47.9	45.4	51.7	53.6	17.3	70.7
27,5°	53.7	49.4	49.8	47.9	47.3	46.3	46.7	44.1	43.1	45.2	46.7	19.2	89.9
30,0°	56.6	50.3	50.5	47.9	45.4	44.4	44.2	40.4	39.3	39.7	41.4	20.9	110.8
32,5°	48.6	48.0	48.8	46.9	45.0	43.3	41.4	37.8	35.9	35.1	36.1	20.8	131.6
35,0°	49.6	49.8	49.8	48.2	45.0	43.3	41.4	38.9	35.7	33.8	34.6	21.0	152.6
37,5°	44.2	46.3	47.1	45.8	44.4	43.5	43.3	40.4	38.2	37.8	39.5	25.2	177.8
40,0°	43.7	40.3	40.3	39.9	39.7	40.1	41.2	39.7	40.1	41.0	43.3	31.2	209.1
42,5°	50.3	44.2	39.1	36.7	35.9	35.5	36.7	36.3	37.6	37.6	39.9	35.8	244.8
45,0°	53.7	48.4	43.3	38.5	35.5	33.6	32.3	32.3	33.4	33.6	34.9	40.0	284.8
47,5°	52.6	47.1	43.3	39.7	36.8	34.9	31.5	31.5	31.3	31.0	30.8	43.5	328.4
50,0°	48.6	44.8	41.4	37.6	35.5	34.0	31.3	32.3	31.1	31.5	30.8	48.2	376.6
52,5°	44.4	24.1	38.5	34.9	32.9	31.9	29.4	31.7	30.6	31.3	30.8	54.3	430.9
55,0°	40.4	37.4	35.1	31.5	30.0	29.6	28.3	29.8	28.7	29.1	28.1	58.1	489.1
57,5°	37.4	34.0	31.9	29.1	27.2	27.2	26.8	27.9	27.0	27.2	26.2	60.8	549.8
60,0°	34.8	31.0	29.4	26.8	25.1	25.4	25.6	26.0	26.0	26.0	24.7	61.5	611.3
62,5°	31.5	27.7	27.0	24.7	23.0	23.9	24.5	24.5	25.1	24.7	23.5	60.1	671.4
65,0°	27.9	24.9	24.5	23.2	21.1	22.2	23.2	23.2	23.7	23.2	22.0	57.7	729.1
67,5°	25.3	23.0	22.6	21.5	19.6	20.7	21.8	21.8	22.4	21.8	20.5	54.5	783.6
70,0°	23.4	21.3	21.1	19.7	17.7	19.0	20.3	20.3	21.1	20.5	19.0	50.5	834.2
72,5°	22.0	20.3	19.6	18.8	16.3	18.0	19.2	19.4	19.6	19.4	17.9	45.9	880.0
75,0°	21.6	19.6	18.2	17.5	15.4	17.1	18.0	18.2	18.4	18.2	16.7	36.6	916.6
77,5°	21.8	19.4	17.5	16.7	14.2	16.0	16.5	16.9	17.1	16.7	15.2	24.9	941.6
80,0°	21.6	18.8	16.9	15.8	12.9	14.4	15.0	15.0	15.2	14.8	13.3	14.6	956.1
82,5°	19.6	16.9	15.6	14.1	11.2	12.9	13.5	13.5	13.5	13.3	11.4	8.6	964.7
85,0°	16.9	15.0	13.9	12.9	9.7	12.0	12.3	12.3	12.3	12.2	10.6	5.3	970.0
87,5°	14.2	13.1	12.5	11.8	8.7	11.0	11.6	11.6	11.6	11.4	9.5	3.8	973.8
90,0°	11.8	11.4	11.6	11.2	8.7	10.8	11.2	11.4	11.2	11.0	9.5	3.1	976.9
92,5°	10.4	9.9	10.3	9.9	8.4	9.5	9.9	9.7	10.1	9.7	8.7	2.8	979.7
95,0°	8.7	8.2	8.7	8.4	7.4	7.8	8.2	7.8	8.2	8.0	7.6	2.5	982.2
97,5°	7.4	7.4	7.4	7.0	6.6	6.6	7.0	6.6	6.8	6.8	6.5	2.2	984.4
100,0°	6.6	6.3	6.3	6.3	5.9	5.9	5.9	5.7	5.7	5.7	5.7	2.0	986.4
102,5°	5.9	5.5	5.5	5.5	5.1	5.1	5.1	4.9	4.9	4.9	4.9	1.8	988.2
105,0°	5.1	4.9	4.9	4.7	4.6	4.4	4.4	4.4	4.4	4.2	3.8	1.6	989.8
107,5°	4.7	4.4	4.4	4.0	4.0	3.8	3.6	3.4	3.4	3.6	3.4	1.4	991.2
110,0°	4.4	3.6	3.8	3.6	3.6	3.4	3.4	3.4	3.4	3.2	3.4	1.3	992.5
112,5°	4.0	3.6	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.2	3.4	1.3	993.8

Photometric test report

Family LANTERN CLASSIC LED	Order number: 5XA5245KF14HP EAN: 4058352834572	LP number 58716_19
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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°	4.7	4.9	5.1	5.3	5.5	5.7	6.1	6.1	5.7	6.1	5.9	6.1	5.9
117,5°	4.4	4.7	4.9	4.9	5.3	5.5	5.7	5.5	5.5	5.5	5.7	5.7	5.7
120,0°	4.2	4.6	4.9	4.9	4.9	5.3	5.5	5.5	5.3	5.5	5.5	5.5	5.7
122,5°	3.4	3.8	4.0	4.2	4.4	4.7	4.9	5.1	5.1	5.3	4.9	5.1	5.1
125,0°	2.5	2.7	2.8	3.2	3.2	3.6	3.8	4.0	4.0	4.2	3.8	4.0	3.8
127,5°	1.7	1.7	1.9	2.1	2.1	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.5
130,0°	1.3	1.7	1.9	1.9	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.1	2.3
132,5°	1.1	1.3	1.3	1.5	1.7	1.9	1.9	2.1	2.3	2.1	2.1	1.7	1.7
135,0°	0.8	0.9	1.1	1.3	1.3	1.5	1.5	1.7	1.9	1.9	1.7	1.5	1.5
137,5°	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
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142,5°	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
145,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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
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

Family LANTERN CLASSIC LED	Order number: 5XA5245KF14HP EAN: 4058352834572	LP number 58716_19
		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°	6.1	6.1	6.1	6.1	6.5	6.5	4.4	4.4	4.0	4.0	4.0	4.0	4.0
117,5°	5.9	5.9	5.7	5.7	5.9	6.1	4.2	4.0	3.6	3.6	3.6	3.6	3.6
120,0°	5.7	5.5	5.5	5.5	5.7	5.7	3.8	3.8	3.4	3.4	3.4	3.4	3.2
122,5°	5.1	5.1	5.1	4.9	5.1	4.9	3.2	3.2	2.8	2.8	2.7	2.8	2.8
125,0°	4.0	3.6	3.8	3.6	3.8	3.8	2.3	2.5	1.9	2.1	1.9	2.1	2.1
127,5°	2.5	2.3	2.3	2.1	2.1	2.3	1.5	1.5	1.3	1.5	1.5	1.5	1.5
130,0°	2.3	2.1	1.9	1.7	1.7	1.5	1.5	1.5	1.1	1.3	1.1	1.1	1.1
132,5°	1.9	1.5	1.5	1.3	1.3	1.1	1.1	1.1	1.1	1.1	0.9	0.8	0.9
135,0°	1.3	1.3	1.1	0.9	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
137,5°	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
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142,5°	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
145,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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
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
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
115,0°	3.6	3.4	3.4	3.4	3.4	3.4	3.2	3.2	3.2	3.2	3.4	1.2	995.0
117,5°	3.4	3.0	3.2	3.2	3.2	3.4	3.2	3.0	3.2	3.2	3.4	1.1	996.1
120,0°	3.2	3.0	3.0	3.0	3.0	3.2	3.2	3.0	3.2	3.4	3.4	1.0	997.1
122,5°	2.8	2.3	2.7	2.5	2.7	2.8	2.8	2.7	3.0	3.4	3.4	0.9	998.0
125,0°	1.9	1.7	1.9	1.9	2.1	2.3	2.5	2.3	2.7	3.0	3.0	0.7	998.6
127,5°	1.5	1.3	1.5	1.5	1.7	1.9	2.3	2.3	2.5	3.0	3.0	0.5	999.1
130,0°	1.1	0.9	1.3	1.5	1.7	1.9	2.3	2.3	2.5	2.8	3.0	0.4	999.5
132,5°	0.9	0.9	1.1	0.9	1.3	1.7	1.9	2.1	2.3	2.5	2.7	0.3	999.8
135,0°	0.8	0.8	0.9	0.9	1.3	1.3	1.7	1.9	2.1	2.5	2.7	0.2	1000.0
137,5°	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
140,0°	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
142,5°	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
145,0°	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
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
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

Family LANTERN CLASSIC LED	Order number: 5XA5245KF14HP EAN: 4058352834572	LP number 58716_19
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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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	4430	33.6	35.9	34.8
95	241	252	4203	31.4	33.5	32.4
90	229	250	3994	29.4	31.4	30.4
85	216	248	3767	27.4	29.2	28.3
80	203	246	3541	25.5	27.1	26.3
75	190	243	3314	23.6	25.2	24.4
70	178	241	3104	21.9	23.3	22.6
65	165	238	2878	20.2	21.5	20.8
60	152	235	2651	18.5	19.6	19.0
55	140	232	2442	16.9	18.0	17.4
50	127	229	2215	15.3	16.2	15.8
45	114	225	1988	13.7	14.5	14.1
40	102	221	1779	12.3	13.0	12.6
35	89	216	1552	10.8	11.4	11.1
30	76	210	1326	9.3	9.8	9.6
25	63	203	1099	7.8	8.2	8.0
20	51	195	889	6.6	6.9	6.8
15	38	184	663	5.2	5.5	5.4
11	28	173	488	4.1	4.4	4.2