

Photometric test report

Family
LANTERN CLASSIC LED

Order number: **5XA5245FF14H000022**
EAN: **4058352635872**

LP number
57125_34



Version post-top- or mounting to wall arm
Optic asymmetric, extremely wide distribution (P1.0a)
Cover cover transparent, PMMA
Lamps LED 3000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1360 lm
Power consumption = 10.5 W
Luminous efficacy = 129.5 lm/W

serial
documentation
08.07.2022

siteco

Luminous intensity in cd/klm

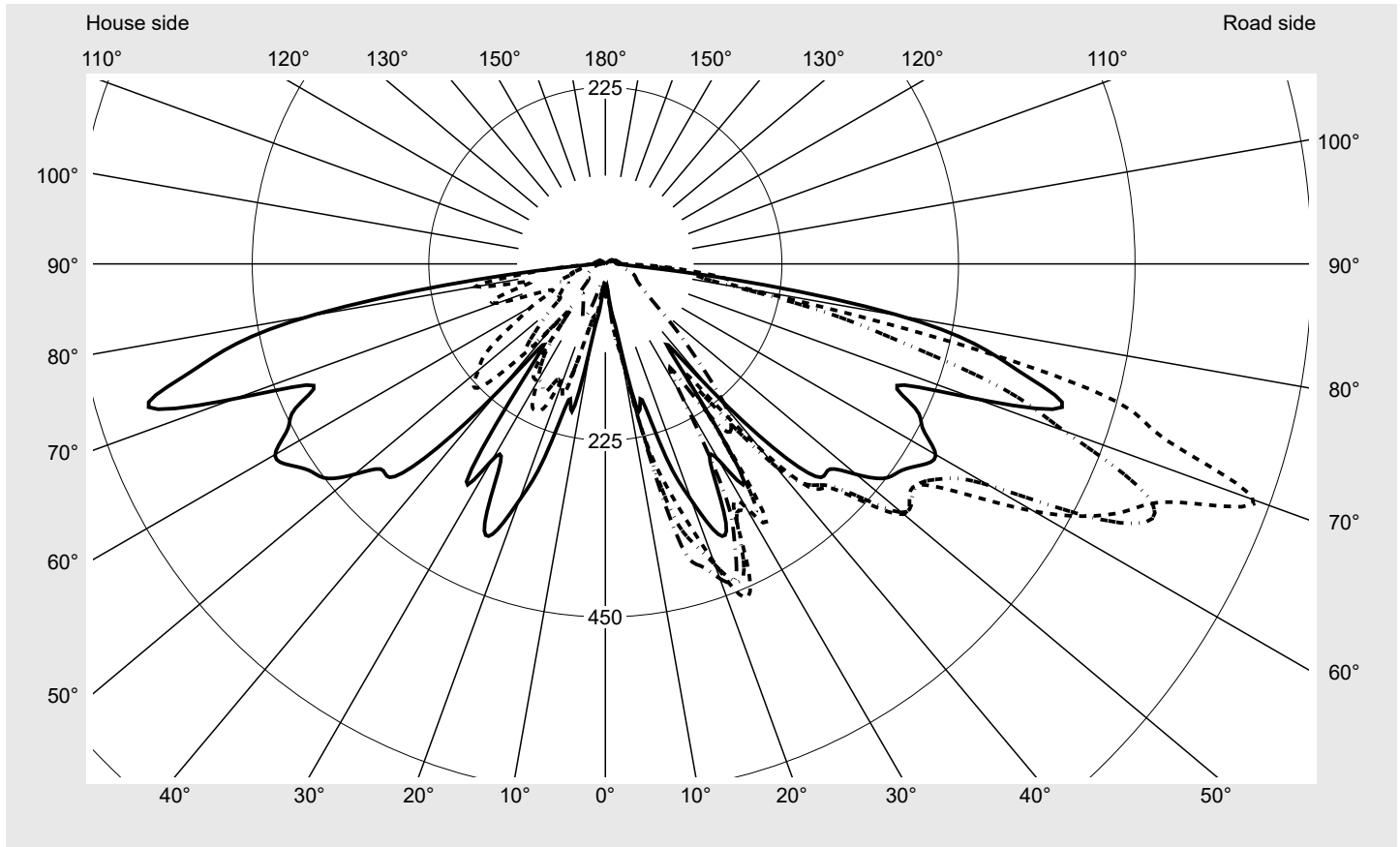
C180-0

C195-15

C200-20

C270-90

Imax: 880 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	95.8%
Eta 90° - 180°	4.2%

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	880.4
Imax 80°	382.4
Imax 90°	17.9
Imax >90°	17.5
Imax >95°	17.5

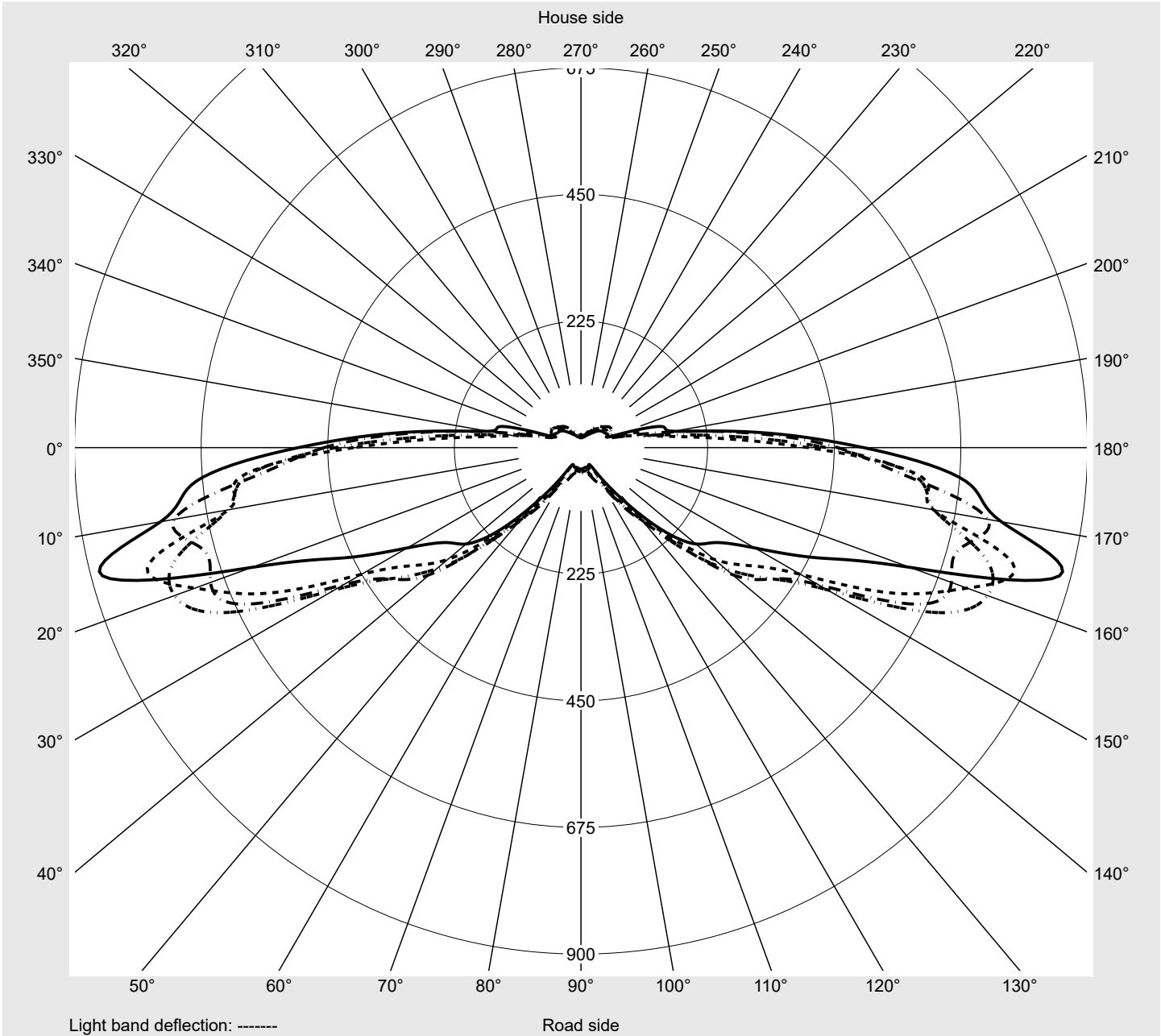
Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 70°** **KMK 67.5°** **KMK 65°** **KMK 62.5°** **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°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
2,5°	33.6	33.6	33.6	33.9	34.3	35.0	36.1	37.2	39.0	40.9	42.3	43.8	44.5
5,0°	33.9	34.7	34.7	35.0	36.1	37.9	39.4	40.1	40.9	41.6	41.6	41.2	41.2
7,5°	63.9	73.3	82.5	89.4	94.5	100.7	104.3	106.2	108.4	111.3	103.3	95.2	85.4
10,0°	98.1	102.5	109.1	125.5	120.8	125.5	130.3	135.7	141.9	145.9	157.3	160.5	160.9
12,5°	190.5	191.2	204.0	220.4	220.0	222.9	225.8	231.7	232.0	228.8	220.7	217.8	223.3
15,0°	178.4	218.9	253.9	285.7	329.1	325.8	341.1	307.6	314.9	333.8	323.3	313.0	292.6
17,5°	260.9	307.2	338.6	341.1	373.2	401.7	381.3	367.4	370.3	379.1	398.8	390.4	387.1
20,0°	320.7	332.8	365.6	404.6	407.9	421.8	432.7	435.6	409.0	413.4	441.1	410.8	399.2
22,5°	371.4	406.1	436.0	459.7	438.9	424.0	416.7	406.5	411.9	417.0	432.0	395.5	388.2
25,0°	363.4	383.8	412.7	432.4	416.7	399.5	375.4	355.7	342.2	356.1	385.3	351.0	346.3
27,5°	293.0	322.2	350.3	355.7	361.9	359.0	352.5	323.3	306.1	309.4	329.5	295.5	289.0
30,0°	288.6	314.1	341.5	357.6	366.3	365.6	364.1	340.8	310.1	306.1	308.7	280.9	240.8
32,5°	329.5	355.0	377.6	373.6	341.9	301.4	278.4	263.8	246.6	255.0	263.8	260.5	245.2
35,0°	204.7	187.9	200.7	197.0	201.4	201.8	205.4	211.3	215.6	223.3	236.8	222.9	214.2
37,5°	128.8	145.9	186.4	203.2	235.3	263.8	273.6	258.3	252.1	256.5	240.1	207.2	198.1
40,0°	210.2	256.9	293.7	310.1	334.6	340.0	326.2	314.1	296.6	283.1	255.0	220.0	197.4
42,5°	321.4	360.8	372.9	386.7	381.6	366.3	347.7	339.0	315.2	291.5	263.8	214.5	186.4
45,0°	384.6	400.6	400.6	403.5	399.2	393.7	366.0	351.7	339.0	304.3	263.4	208.7	174.0
47,5°	387.5	422.5	440.0	451.0	440.0	427.6	401.3	364.1	335.3	287.5	239.3	198.1	156.2
50,0°	417.4	456.8	485.6	496.2	492.9	471.8	430.5	376.9	331.3	265.6	206.1	174.4	138.6
52,5°	448.8	491.5	485.6	488.5	492.6	491.1	448.8	384.2	328.0	248.5	185.3	159.4	116.8
55,0°	459.7	501.7	515.5	490.7	488.2	492.2	451.7	386.4	321.1	241.5	178.1	144.1	105.4
57,5°	477.2	533.1	613.7	547.7	509.7	501.7	450.6	394.0	331.3	241.2	173.7	133.5	89.0
60,0°	486.0	576.5	706.0	630.5	564.1	563.3	459.4	402.8	339.3	246.3	186.4	130.6	89.4
62,5°	456.4	581.6	734.1	696.1	700.5	658.6	487.1	407.5	351.0	244.1	172.9	123.0	79.9
65,0°	436.0	598.4	637.4	740.3	768.8	693.2	505.3	404.6	334.9	251.0	168.2	117.5	69.3
67,5°	403.9	608.9	635.9	794.3	730.1	611.9	450.2	365.6	309.0	225.8	152.9	106.2	49.6
70,0°	502.4	686.7	758.5	880.4	622.1	463.4	356.5	294.1	266.3	211.6	135.7	78.1	42.3
72,5°	609.3	779.7	847.2	751.6	534.9	361.6	262.3	197.8	206.1	189.0	126.2	69.3	37.2
75,0°	557.9	573.6	727.2	671.0	400.2	251.0	175.5	145.2	134.6	116.8	83.6	54.4	29.6
77,5°	490.0	424.3	509.7	429.1	292.6	177.0	137.6	128.1	98.5	70.8	46.0	29.6	22.3
80,0°	382.4	309.8	214.5	185.3	166.7	120.4	103.6	79.2	51.8	37.9	33.9	24.4	20.1
82,5°	202.1	172.2	128.4	159.8	118.9	90.9	78.1	58.7	30.3	23.0	20.8	19.7	18.2
85,0°	57.3	53.6	82.8	115.3	96.0	62.0	48.5	38.3	24.4	20.1	18.2	17.5	17.1
87,5°	22.6	35.4	58.4	67.1	48.9	34.7	29.6	24.1	19.3	17.5	17.1	16.8	16.1
90,0°	15.0	15.7	16.8	17.5	17.9	17.9	17.9	17.5	17.5	17.1	16.8	16.1	15.3
92,5°	14.6	15.7	16.4	16.8	17.5	17.5	17.5	17.1	16.8	16.8	16.4	16.1	15.3
95,0°	13.9	15.0	16.1	16.4	16.8	16.8	17.1	16.8	16.8	16.4	16.1	15.7	15.3
97,5°	13.5	14.2	15.0	15.7	16.1	16.4	16.4	16.4	16.1	16.1	16.1	15.7	15.3
100,0°	12.8	13.5	14.2	14.6	15.0	15.3	15.7	15.7	15.3	15.3	15.0	15.0	14.6
102,5°	12.0	12.4	13.1	13.9	14.6	14.6	15.0	14.6	14.6	14.6	14.6	14.2	14.2
105,0°	11.3	12.0	12.8	13.1	13.5	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
107,5°	10.6	11.3	11.7	12.4	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
110,0°	9.9	10.6	11.3	11.7	12.0	12.4	12.8	12.8	12.4	12.4	12.4	12.4	12.4
112,5°	9.5	10.2	10.6	11.3	11.7	12.0	12.4	12.0	11.7	12.0	11.7	12.4	12.0

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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°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
2,5°	44.9	45.6	45.6	46.3	46.3	46.0	32.8	32.8	32.5	32.1	31.7	31.7	31.4
5,0°	41.6	40.9	40.1	40.9	42.3	43.1	33.2	32.8	32.8	32.8	32.5	31.7	31.4
7,5°	78.8	75.5	75.2	73.7	67.5	66.4	55.1	47.4	41.6	36.9	33.6	31.7	30.3
10,0°	147.8	125.9	123.7	131.0	127.7	114.6	86.8	86.8	77.7	73.3	75.2	68.6	59.8
12,5°	219.3	202.5	192.6	214.9	231.3	226.2	152.9	118.9	82.5	68.6	66.0	60.2	64.2
15,0°	290.4	261.6	278.8	329.5	367.4	368.5	136.8	108.7	98.9	105.1	114.9	132.1	125.5
17,5°	378.4	321.8	312.0	371.8	402.1	403.5	205.1	141.2	174.4	161.3	145.2	140.8	124.1
20,0°	393.3	336.4	325.1	391.5	424.7	426.9	223.3	177.3	158.3	170.8	149.2	133.9	131.3
22,5°	392.6	335.7	323.3	393.0	432.0	433.5	259.0	197.0	193.0	159.4	159.8	151.8	136.5
25,0°	355.0	304.3	300.3	357.2	387.5	388.9	243.4	181.7	206.1	180.2	152.5	156.5	139.0
27,5°	288.6	243.4	253.2	302.1	325.1	326.9	185.7	156.9	201.8	172.9	156.2	144.8	128.8
30,0°	228.0	187.5	194.1	205.4	198.8	194.8	163.5	135.7	175.5	168.9	140.8	131.3	115.7
32,5°	208.7	145.2	161.6	179.5	167.8	162.7	193.4	138.6	170.8	152.1	143.8	109.5	84.6
35,0°	180.2	137.6	186.4	239.7	247.7	248.8	118.9	129.5	136.1	119.3	119.3	71.1	46.7
37,5°	177.3	147.8	215.3	257.2	262.3	263.4	98.5	76.3	73.0	68.6	55.5	39.4	36.1
40,0°	189.7	169.3	222.2	244.1	240.4	240.1	157.3	96.3	110.2	100.7	77.7	52.9	54.7
42,5°	174.4	162.7	203.6	205.4	197.8	192.6	181.3	134.6	164.6	145.2	73.7	58.7	68.6
45,0°	154.7	151.8	176.2	165.6	154.7	150.3	216.7	152.9	218.6	133.2	63.9	62.8	72.6
47,5°	137.9	131.7	150.3	133.5	123.0	117.5	213.1	145.9	227.7	110.6	52.9	68.2	73.7
50,0°	129.2	117.1	123.7	106.9	96.3	90.5	235.0	152.9	211.3	91.6	54.0	67.9	71.5
52,5°	113.1	101.4	102.2	86.5	77.4	73.0	262.0	160.2	196.7	73.0	59.5	67.1	68.2
55,0°	102.2	87.9	84.6	72.6	64.2	61.3	266.7	162.4	167.1	72.2	64.2	66.4	65.3
57,5°	90.1	75.9	69.3	59.1	54.0	54.0	278.8	175.9	131.3	66.8	67.5	63.9	64.2
60,0°	76.3	61.7	56.2	49.3	48.5	48.9	343.3	155.8	108.0	62.0	65.7	63.9	63.1
62,5°	67.5	56.2	47.8	44.5	44.5	45.2	299.5	159.4	78.1	53.6	62.4	63.5	62.8
65,0°	51.8	51.1	43.4	42.0	42.3	43.1	243.7	128.1	79.9	59.1	58.0	60.6	59.8
67,5°	36.9	40.1	39.8	39.0	40.5	40.9	210.9	123.7	104.0	60.2	54.0	55.1	54.7
70,0°	33.2	36.1	36.1	36.1	37.6	37.9	313.0	167.5	145.6	62.8	52.2	50.7	48.5
72,5°	28.8	29.6	31.4	32.5	33.6	33.6	407.5	193.4	146.3	45.2	45.2	46.7	43.8
75,0°	24.8	26.6	27.7	28.5	28.8	28.5	414.1	178.1	108.7	44.5	40.9	41.2	39.4
77,5°	22.3	24.1	25.2	24.1	23.4	22.6	297.4	178.1	106.5	34.3	36.5	37.2	36.5
80,0°	20.4	21.5	21.5	21.2	21.2	20.4	147.0	188.6	166.7	31.7	33.2	34.3	33.6
82,5°	19.3	20.1	19.7	19.7	19.7	19.7	123.0	114.9	118.2	26.3	28.5	29.6	29.6
85,0°	17.5	18.6	18.6	18.2	18.6	19.0	87.9	46.0	64.2	28.5	25.5	27.0	25.9
87,5°	16.8	17.1	17.9	17.9	18.2	18.2	27.4	16.1	21.5	18.6	22.3	25.2	24.1
90,0°	16.1	16.8	17.1	17.5	17.5	17.5	13.5	13.1	12.8	12.0	11.3	10.9	10.6
92,5°	16.1	16.4	17.1	17.5	17.5	17.5	13.5	12.8	12.4	12.0	11.7	11.3	10.6
95,0°	16.1	16.4	16.8	17.1	17.5	17.5	13.1	12.8	12.4	11.7	11.3	11.3	10.2
97,5°	15.7	16.1	16.4	16.8	16.8	17.5	12.8	12.4	11.7	11.3	11.3	10.9	10.2
100,0°	15.0	15.3	15.3	15.7	16.4	16.8	11.7	11.7	10.9	10.9	10.9	10.2	10.2
102,5°	14.6	15.0	15.3	15.3	15.7	15.3	10.9	10.9	10.2	9.9	9.9	9.5	9.5
105,0°	13.9	14.6	14.6	14.6	15.0	14.6	10.6	10.2	9.5	9.5	9.5	9.1	8.8
107,5°	13.5	13.9	13.9	13.9	14.2	13.1	10.2	9.5	9.5	8.8	8.8	8.4	8.0
110,0°	13.1	13.1	13.1	13.5	13.9	13.1	9.5	8.8	8.8	8.0	8.0	8.0	8.0
112,5°	12.4	12.4	13.1	13.1	12.0	8.0	9.1	8.8	8.0	8.0	7.7	7.7	7.3

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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°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	0.1	0.1
2,5°	31.4	31.0	30.3	30.3	29.6	29.2	28.5	27.4	26.3	25.5	25.5	0.4	0.5
5,0°	30.6	30.3	30.6	30.3	29.9	29.2	28.8	28.5	27.7	27.4	27.0	0.8	1.3
7,5°	29.9	30.3	29.6	29.2	28.8	29.2	28.8	28.5	28.1	28.1	27.7	2.2	3.5
10,0°	44.9	33.9	30.6	29.6	28.8	28.1	27.7	27.0	26.6	26.3	25.5	4.3	7.8
12,5°	73.7	75.5	74.1	62.4	51.1	41.2	33.9	28.8	27.7	27.4	27.0	8.4	16.3
15,0°	116.0	90.9	88.7	99.6	84.3	58.0	54.0	41.2	37.6	39.0	36.5	14.0	30.2
17,5°	117.5	109.1	112.7	98.1	87.6	70.8	67.5	53.3	47.8	54.4	54.7	19.7	50.0
20,0°	110.2	108.7	101.8	97.8	87.2	77.0	71.1	58.7	54.7	64.6	68.6	24.2	74.2
22,5°	116.0	112.0	107.6	93.0	86.1	75.5	75.2	66.0	59.8	69.7	73.7	28.1	102.3
25,0°	123.0	104.0	86.8	79.9	75.9	77.0	75.2	65.7	56.9	63.1	67.9	28.7	131.0
27,5°	114.2	90.5	73.7	71.9	74.8	73.7	72.2	59.1	50.4	56.6	61.3	27.2	158.2
30,0°	93.4	74.4	67.9	70.1	74.1	71.9	66.8	55.1	47.1	50.7	56.2	26.8	185.0
32,5°	73.3	80.3	75.5	71.1	69.0	64.9	60.2	54.0	43.1	48.9	52.5	26.6	211.5
35,0°	52.5	67.1	73.3	70.4	69.7	66.0	61.7	53.6	42.7	45.6	49.6	22.7	234.3
37,5°	35.8	41.2	52.5	62.8	67.9	66.0	62.4	53.3	41.6	44.5	47.4	23.4	257.7
40,0°	47.1	37.2	32.8	37.2	51.4	58.4	58.4	52.5	42.0	46.0	50.4	29.2	286.8
42,5°	62.0	52.5	40.5	34.3	35.0	39.0	45.2	46.7	38.7	42.3	44.5	33.3	320.1
45,0°	70.4	65.3	58.4	51.1	43.1	35.4	33.6	33.2	31.4	32.5	33.6	35.9	356.0
47,5°	72.2	69.3	64.2	54.0	47.4	44.5	35.8	28.8	28.1	28.5	29.2	37.4	393.4
50,0°	71.9	70.8	67.1	59.5	47.1	39.0	35.0	30.3	28.5	27.4	27.7	39.3	432.7
52,5°	69.7	69.7	66.8	60.6	51.1	40.9	33.2	27.4	25.5	26.6	29.2	40.2	472.9
55,0°	65.3	64.9	62.8	57.3	50.0	41.2	33.9	28.5	25.5	24.4	26.3	40.9	513.8
57,5°	62.4	60.2	58.4	53.3	45.6	39.0	32.1	27.7	25.5	24.1	24.8	42.8	556.6
60,0°	59.5	56.6	54.4	49.3	41.6	35.0	27.7	24.4	24.8	24.1	24.1	46.0	602.5
62,5°	58.0	52.5	49.3	44.1	38.3	32.8	26.3	22.3	22.3	22.6	23.4	48.2	650.7
65,0°	55.5	49.6	43.8	39.8	33.9	29.9	24.4	20.8	20.8	21.2	21.2	48.4	699.2
67,5°	51.4	46.7	41.2	35.4	30.6	26.6	22.6	20.1	19.7	19.7	19.7	46.8	745.9
70,0°	46.0	41.6	35.8	31.0	27.0	24.4	21.5	19.7	19.3	17.5	19.0	47.4	793.4
72,5°	40.5	38.3	32.5	28.1	24.4	21.5	19.0	18.2	17.9	17.1	16.8	46.0	839.4
75,0°	36.1	33.2	29.2	25.2	22.3	19.3	16.4	16.8	16.4	15.3	15.3	38.1	877.5
77,5°	33.9	31.0	27.4	24.1	20.8	17.1	15.0	14.2	14.2	13.5	13.1	29.2	906.7
80,0°	30.3	26.6	23.4	20.4	17.5	14.6	13.1	12.0	12.0	11.7	11.7	20.0	926.7
82,5°	26.6	23.4	19.7	18.2	16.1	13.5	11.7	11.3	10.6	10.2	10.2	14.1	940.8
85,0°	22.6	18.6	15.7	13.9	13.5	11.7	9.9	9.9	9.5	8.4	8.8	9.1	949.9
87,5°	19.7	15.7	13.1	11.7	10.6	9.5	8.4	8.4	8.0	7.3	7.3	5.9	955.8
90,0°	9.9	9.1	8.4	8.0	7.3	6.6	5.8	5.8	5.8	5.8	5.1	3.6	959.3
92,5°	9.9	9.5	8.8	8.0	7.3	6.6	6.6	6.2	5.8	5.8	5.8	3.6	962.9
95,0°	9.9	9.5	8.8	8.4	7.7	7.3	6.6	6.6	6.6	5.8	5.8	3.5	966.4
97,5°	9.5	9.5	8.8	8.4	7.7	7.3	6.6	6.6	6.6	6.6	6.6	3.4	969.9
100,0°	9.5	8.8	8.8	8.0	7.7	7.3	6.6	6.6	6.2	6.2	6.6	3.3	973.1
102,5°	8.8	8.4	8.0	7.3	7.3	6.6	6.2	5.8	5.8	5.5	5.8	3.0	976.2
105,0°	8.4	8.0	7.3	7.3	6.6	6.2	5.8	5.5	5.1	5.1	5.1	2.9	979.0
107,5°	8.0	7.3	6.9	6.6	5.8	5.8	5.1	5.1	4.7	4.4	4.4	2.6	981.7
110,0°	7.3	6.9	6.6	5.8	5.5	5.1	4.7	4.4	4.4	4.0	3.6	2.5	984.1
112,5°	6.9	6.6	5.8	5.8	5.1	5.1	4.4	4.4	4.0	3.6	2.9	2.3	986.4

Photometric test report

Family LANTERN CLASSIC LED	Order number: 5XA5245FF14H000022 EAN: 4058352635872	LP number 57125_34
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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°	9.5	9.9	10.6	10.9	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
117,5°	9.1	9.5	9.9	10.2	10.6	11.3	11.3	10.9	10.9	10.9	10.9	11.7	11.7
120,0°	8.4	9.1	9.5	9.9	10.2	10.6	10.6	10.2	10.2	10.2	10.6	10.9	10.9
122,5°	8.4	9.1	9.1	9.5	9.9	9.9	10.2	10.2	9.9	10.2	10.2	10.6	10.6
125,0°	7.3	7.3	8.0	8.0	8.0	8.8	8.4	8.4	8.4	8.8	8.8	8.8	8.8
127,5°	5.1	5.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.6
130,0°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
132,5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.4
135,0°	3.3	3.3	3.6	3.6	3.6	3.6	3.6	3.3	3.6	3.3	3.6	3.6	3.6
137,5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
140,0°	2.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
142,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	1.5	1.1	1.1	1.1	1.5
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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: 5XA5245FF14H000022 EAN: 4058352635872	LP number 57125_34
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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°	11.7	12.4	12.4	12.4	10.2	5.1	8.8	8.4	8.0	7.7	7.7	7.3	7.3
117,5°	11.7	11.7	12.0	12.0	9.1	5.1	8.8	8.0	7.7	7.3	7.3	7.3	6.6
120,0°	10.9	11.3	11.7	11.7	8.0	3.6	8.4	7.7	7.3	6.6	6.9	6.6	6.6
122,5°	10.9	10.9	10.9	10.9	6.9	2.9	8.0	7.7	6.9	6.6	6.6	6.6	6.6
125,0°	8.8	9.5	9.5	8.8	5.8	2.9	6.6	6.6	5.8	5.8	5.8	5.5	5.1
127,5°	6.6	6.6	6.6	5.8	3.6	2.2	5.1	5.1	4.4	4.4	4.4	4.4	4.0
130,0°	4.4	4.4	4.4	4.4	2.9	2.2	4.4	4.0	3.6	3.6	3.6	3.6	3.6
132,5°	4.0	4.4	4.4	3.6	2.6	2.2	3.6	3.6	3.6	3.6	2.9	2.9	2.9
135,0°	3.6	3.6	3.6	2.9	2.2	1.5	2.9	2.9	2.9	2.9	2.9	2.9	2.6
137,5°	2.9	2.9	2.9	2.2	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
140,0°	2.2	2.2	2.2	1.5	1.5	0.7	1.8	1.8	1.5	1.8	1.5	1.5	1.5
142,5°	0.7	1.5	1.5	1.1	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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°	6.6	6.6	5.8	5.8	5.1	5.1	4.4	4.4	4.0	3.3	2.2	2.2	988.6
117,5°	6.6	6.2	5.8	5.5	5.1	4.7	4.4	4.4	3.6	2.9	2.2	2.0	990.6
120,0°	5.8	5.8	5.8	5.1	5.1	4.4	4.4	3.6	3.6	2.9	2.2	1.9	992.5
122,5°	5.8	5.8	5.1	5.1	5.1	4.4	4.4	3.6	3.6	2.6	2.2	1.8	994.3
125,0°	5.1	5.1	4.4	4.4	4.4	3.6	3.6	3.6	2.9	2.2	2.2	1.5	995.7
127,5°	3.6	3.6	3.6	3.6	3.3	2.9	2.9	2.9	2.2	2.2	1.5	1.0	996.8
130,0°	2.9	3.3	2.9	2.9	2.9	2.9	2.9	2.2	2.2	1.8	1.5	0.8	997.5
132,5°	2.9	2.9	2.9	2.9	2.9	2.9	2.6	2.2	2.2	1.5	1.5	0.7	998.2
135,0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.5	1.5	0.6	998.8
137,5°	2.2	2.2	2.2	2.2	2.2	1.8	1.5	1.5	1.5	1.5	1.5	0.4	999.2
140,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.7	0.7	0.3	999.5
142,5°	1.5	1.5	1.5	1.5	1.1	1.1	1.1	0.7	0.7	0.7	0.7	0.2	999.7
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.1	999.8
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	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
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: 5XA5245FF14H000022 EAN: 4058352635872	LP number 57125_34
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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	1360	10.5	10.8	10.6
95	241	252	1290	10.0	10.3	10.2
90	229	250	1226	9.4	9.8	9.6
85	216	248	1157	8.9	9.2	9.0
80	203	246	1087	8.3	8.7	8.5
75	190	243	1017	7.8	8.1	8.0
70	178	241	953	7.3	7.6	7.4
65	165	238	883	6.9	7.1	7.0
60	152	235	814	6.4	6.6	6.5
55	140	232	750	5.9	6.1	6.0
50	127	229	680	5.4	5.6	5.5
45	114	225	610	5.0	5.2	5.1
40	102	221	546	4.6	4.7	4.6
35	89	216	477	4.1	4.3	4.2
30	76	210	407	3.7	3.8	3.8
28	72	208	386	3.5	3.7	3.6