

## Photometric test report

Family  
**LANTERN CLASSIC LED**

Order number: **5XA5245FF14H**  
EAN: **4058352635858**

LP number  
**57125\_31**

serial  
documentation  
**08.07.2022**

siteco



**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

Luminous intensity in cd/klm

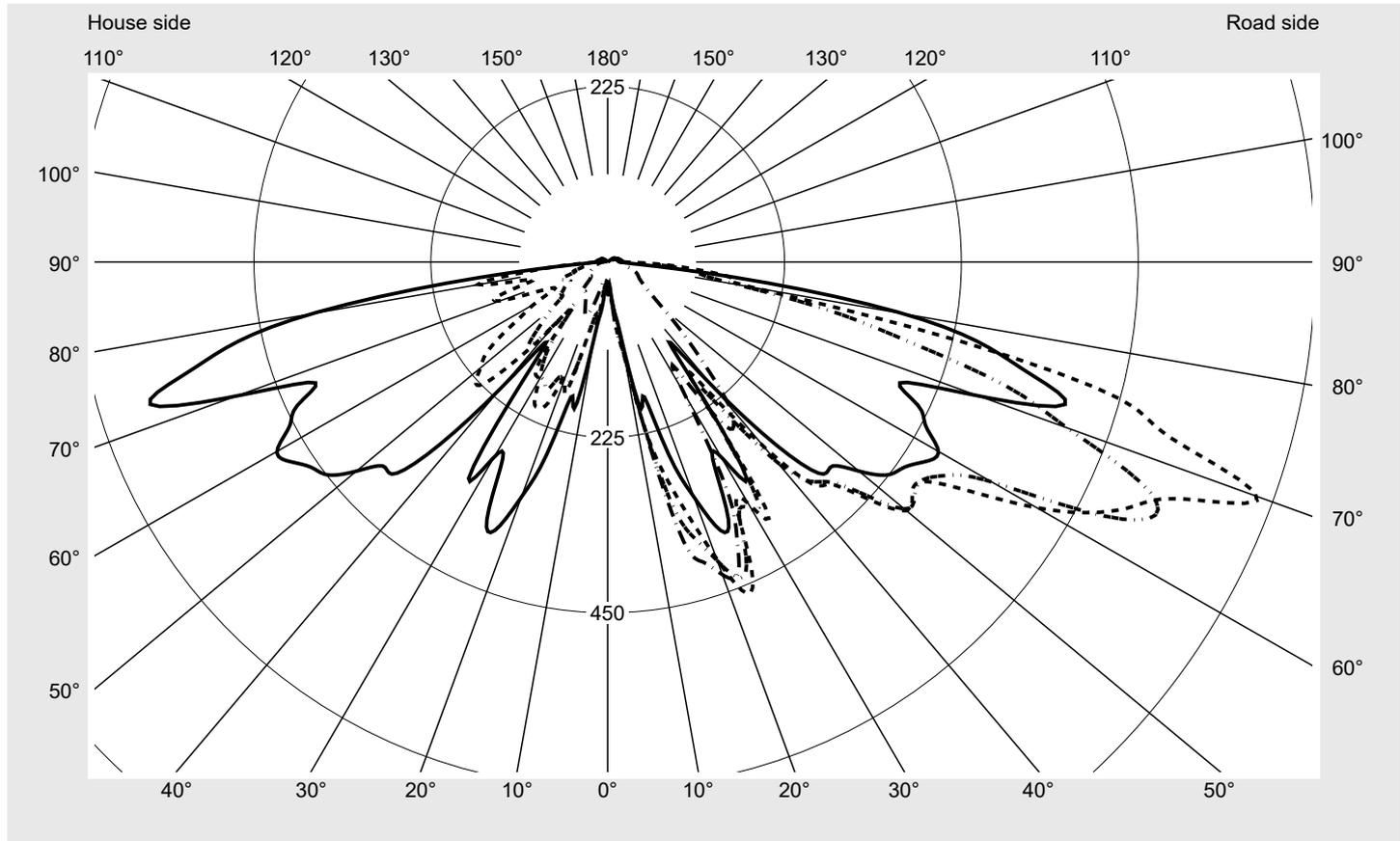
C180-0

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%

#### Measurement conditions

DIN EN 13032 and DIN 5032

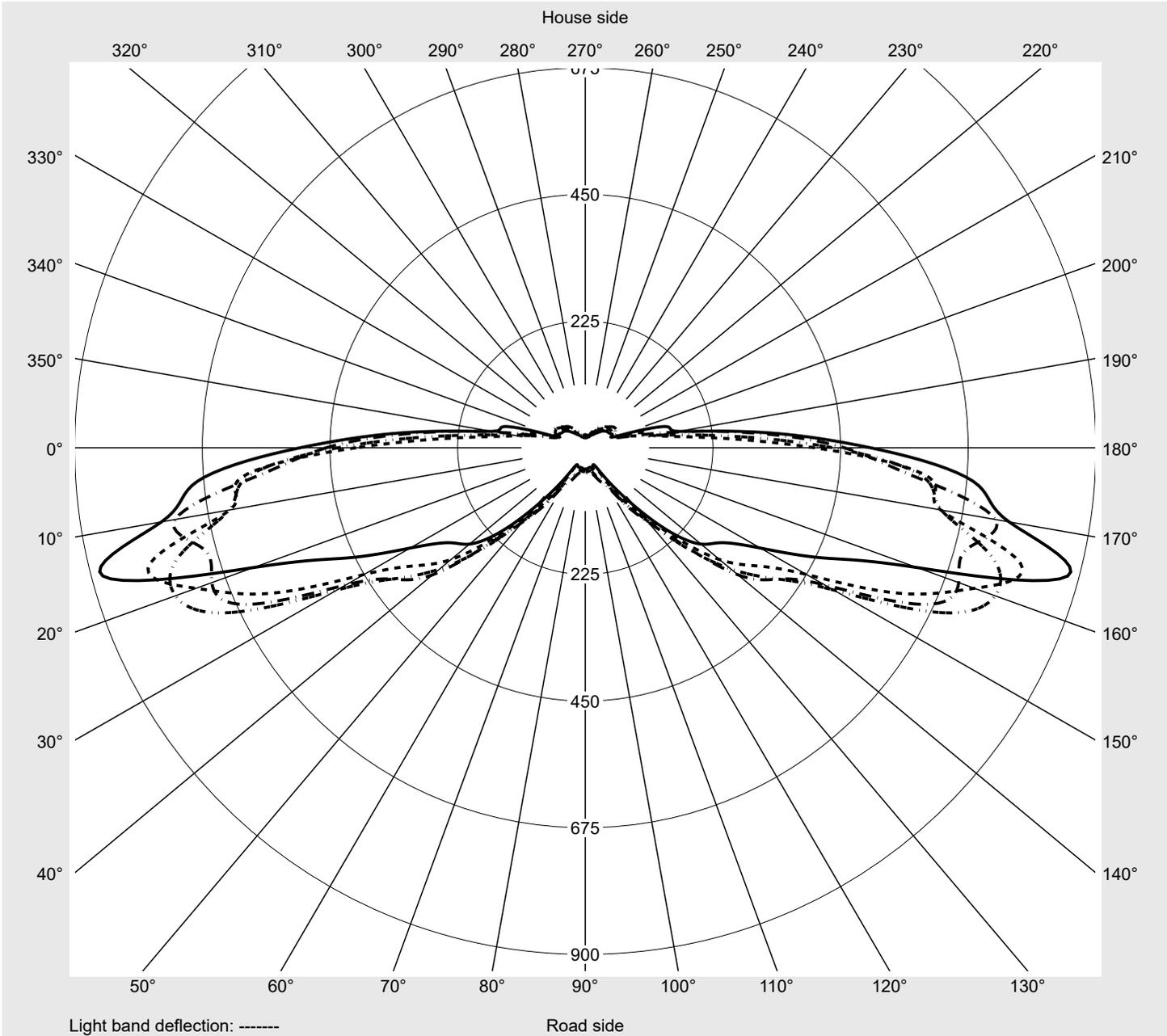
#### Luminous intensity class acc. to EN13201-2

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

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**Envelope curve in cd/klm**      **KMK 70°**    **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**      **siteco**



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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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

<b>Family</b> <b>LANTERN CLASSIC LED</b>	<b>Order number: 5XA5245FF14H</b> <b>EAN: 4058352635858</b>	<b>LP number</b> <b>57125_31</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°
$\gamma$	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

<b>Family</b> <b>LANTERN CLASSIC LED</b>	<b>Order number: 5XA5245FF14H</b> <b>EAN: 4058352635858</b>	<b>LP number</b> <b>57125_31</b>
		<b>siteco</b>

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

<b>Family</b> <b>LANTERN CLASSIC LED</b>	<b>Order number: 5XA5245FF14H</b> <b>EAN: 4058352635858</b>	<b>LP number</b> <b>57125_31</b>
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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