

## Photometric test report

Family  
**LANTERN CLASSIC LED**

Order number: **5XA5245AF14HP**  
EAN: **4058352834435**

LP number  
**58716\_17**

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 2200 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 3510 lm  
Power consumption = 33.6 W  
Luminous efficacy = 104.5 lm/W

siteco

Luminous intensity in cd/klm

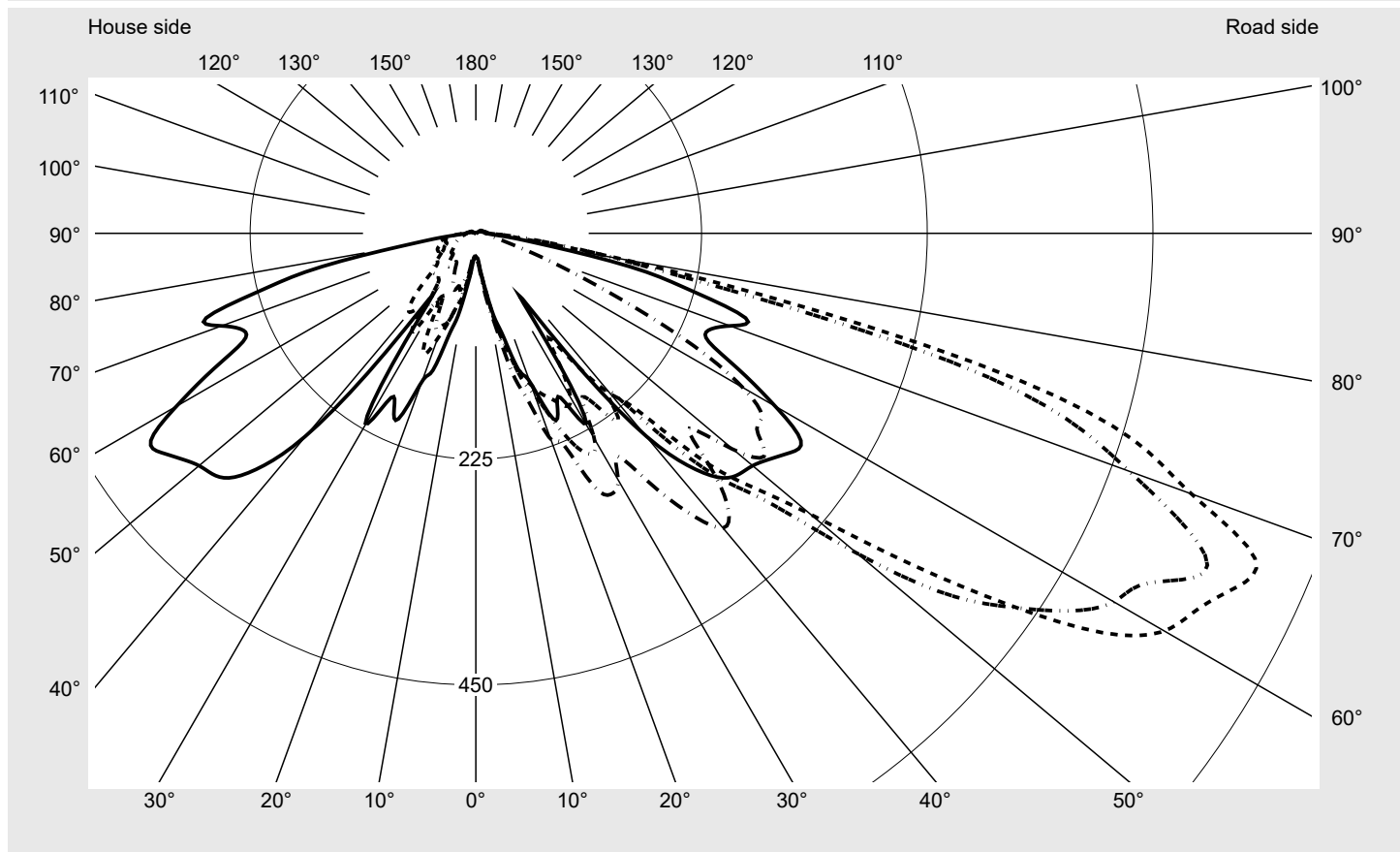
C180-0

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

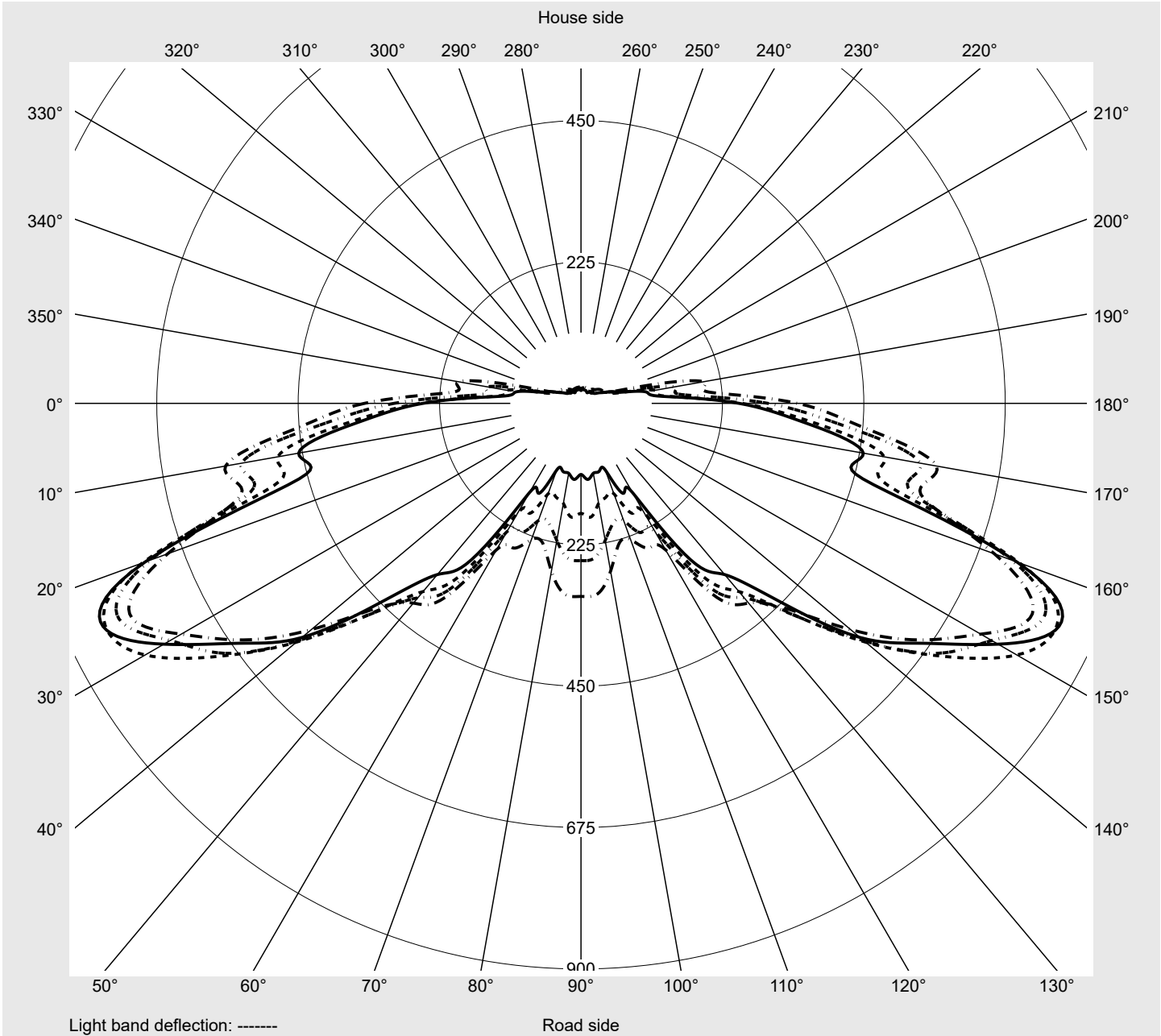
**Measurement conditions**

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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<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°	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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<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°	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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<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°	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	23.4	23.5	23.4	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

<b>Family</b> <b>LANTERN CLASSIC LED</b>	<b>Order number: 5XA5245AF14HP</b> <b>EAN: 4058352834435</b>	<b>LP number</b> <b>58716_17</b>
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>	<b>siteco</b>
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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°
$\gamma$	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

<b>Family</b> <b>LANTERN CLASSIC LED</b>	<b>Order number: 5XA5245AF14HP</b> <b>EAN: 4058352834435</b>	<b>LP number</b> <b>58716_17</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°
$\gamma$	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
$\gamma$	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

<b>Family</b> <b>LANTERN CLASSIC LED</b>	<b>Order number: 5XA5245AF14HP</b> <b>EAN: 4058352834435</b>	<b>LP number</b> <b>58716_17</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	3510	33.6	35.9	34.8
95	241	252	3330	31.3	33.5	32.4
90	229	250	3165	29.4	31.4	30.4
85	216	248	2985	27.3	29.2	28.2
80	203	246	2805	25.4	27.1	26.2
75	190	243	2626	23.5	25.1	24.3
70	178	241	2460	21.9	23.3	22.6
65	165	238	2280	20.1	21.4	20.8
60	152	235	2100	18.4	19.5	19.0
55	140	232	1935	16.8	17.9	17.4
50	127	229	1755	15.2	16.2	15.7
45	114	225	1575	13.6	14.5	14.0
40	102	221	1410	12.2	13.0	12.6
35	89	216	1230	10.7	11.3	11.0
30	76	210	1050	9.2	9.7	9.4
25	63	203	871	7.8	8.2	8.0
20	51	195	705	6.6	6.9	6.8
15	38	184	525	5.2	5.4	5.3
11	28	173	387	4.1	4.3	4.2