

## Photometric test report

Family  
**LANTERN LED**

Order number: **5XA5255FF14HP**  
EAN: **4058352834756**

LP number  
**58715\_18**



**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 = 4700 lm  
Power consumption = 33.6 W  
Luminous efficacy = 139.9 lm/W

serial  
documentation  
24.05.2022

siteco

Luminous intensity in cd/klm

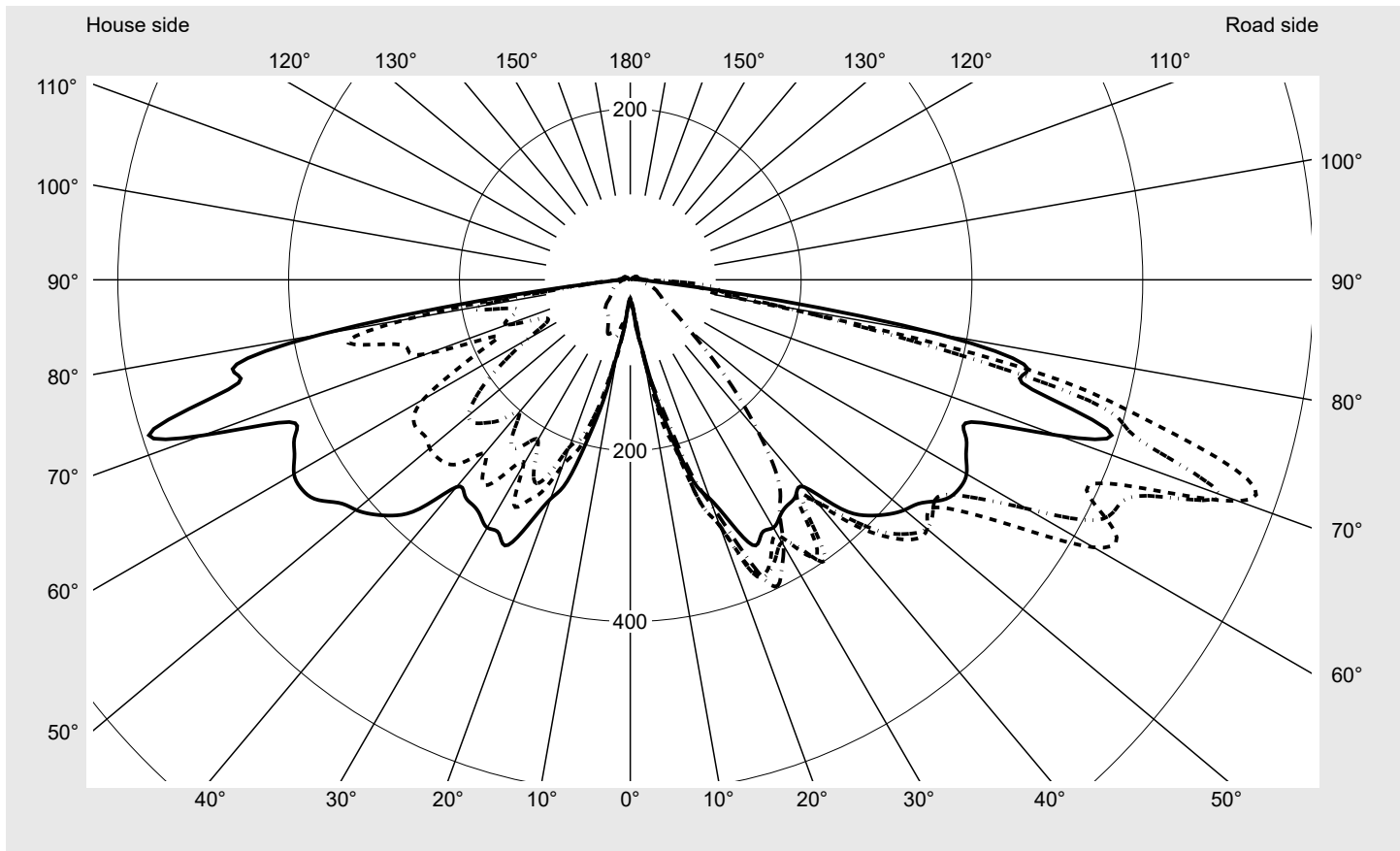
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 758 cd/klm**



**Luminaire output ratios**

Eta	100.0%
Eta 0° - 90°	96.8%
Eta 90° - 180°	3.2%

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

Class:	---
Imax 70°	757.6
Imax 80°	367.6
Imax 90°	13.7
Imax >90°	13.0
Imax >95°	10.9

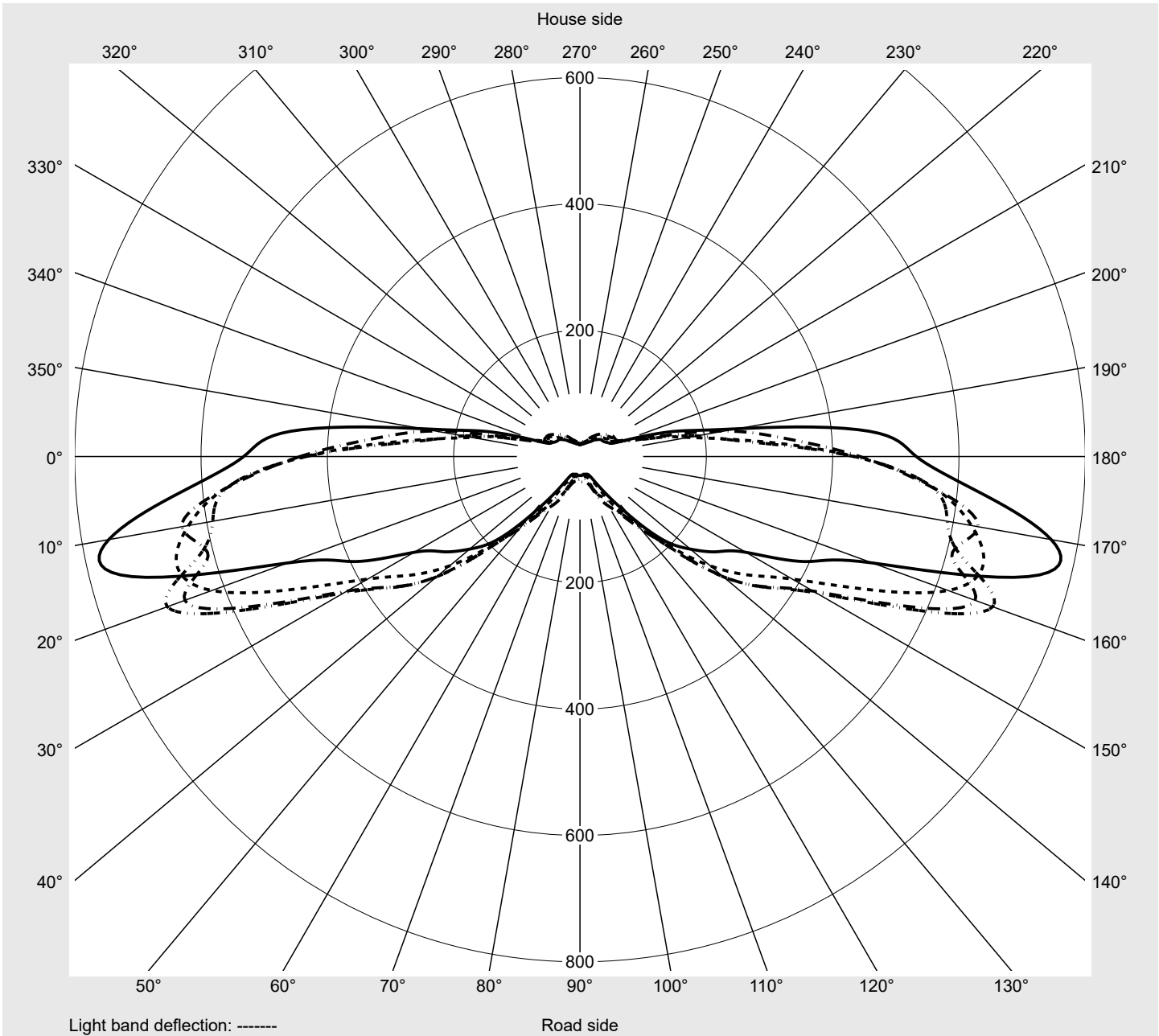
**Measurement conditions**

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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<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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2,5°	27.4	27.3	28.2	27.6	28.5	27.4	28.2	27.4	28.2	27.6	28.5	28.3	29.0
5,0°	30.6	30.1	29.4	30.1	28.9	29.7	28.9	29.7	29.9	30.3	30.3	30.8	32.7
7,5°	61.6	56.0	63.9	50.7	57.2	48.7	55.8	51.0	57.7	50.5	57.2	51.2	50.8
10,0°	87.3	91.1	87.8	97.3	94.7	96.2	91.7	83.0	82.5	78.5	82.2	81.3	86.2
12,5°	142.9	151.3	167.9	154.7	160.6	130.6	134.6	142.0	146.0	149.4	151.8	126.2	132.1
15,0°	194.2	184.6	205.3	198.5	209.7	216.8	220.8	214.1	214.1	193.4	205.7	216.6	200.9
17,5°	248.8	259.2	274.3	274.1	277.3	277.5	272.0	257.1	268.9	273.4	285.0	269.2	259.3
20,0°	272.9	288.2	306.0	306.5	317.8	322.2	328.0	333.2	345.4	322.2	327.4	314.1	317.2
22,5°	308.4	339.8	363.9	369.0	351.5	342.6	350.8	352.2	360.9	363.3	350.3	339.1	336.9
25,0°	343.3	346.6	377.2	379.9	379.3	371.4	366.3	374.6	381.6	371.6	354.9	346.8	336.8
27,5°	334.0	345.6	358.1	368.1	379.5	380.6	376.9	385.3	377.2	371.1	350.1	341.2	319.0
30,0°	335.0	344.7	345.6	354.9	360.7	370.4	375.8	383.6	381.5	361.2	336.6	322.7	300.7
32,5°	326.9	352.8	380.4	374.4	373.2	372.1	369.0	379.3	384.3	358.6	328.3	309.7	288.2
35,0°	321.6	350.7	379.7	398.2	383.0	365.8	342.0	335.0	343.5	343.8	318.8	294.2	271.8
37,5°	318.3	314.1	319.9	335.4	352.4	363.2	359.1	346.4	334.0	321.5	292.6	267.1	238.6
40,0°	316.5	319.2	341.3	339.1	350.3	379.5	385.0	373.4	338.7	309.3	264.6	235.6	220.1
42,5°	361.9	372.0	390.3	379.0	370.9	357.0	345.4	354.5	319.2	285.2	240.7	206.7	200.1
45,0°	390.1	404.3	425.6	417.2	401.7	369.7	335.5	315.5	285.4	260.8	221.7	193.7	186.7
47,5°	406.6	428.6	449.5	440.2	425.1	389.6	354.4	311.1	267.6	226.1	194.4	186.0	177.5
50,0°	419.1	443.4	453.6	453.1	445.5	415.1	377.2	328.0	276.6	200.2	152.4	171.4	163.3
52,5°	429.1	445.5	441.5	446.6	459.8	435.8	391.1	338.5	280.8	199.4	146.4	140.6	133.9
55,0°	448.5	468.0	471.7	441.5	456.4	438.8	388.8	333.6	278.7	199.5	145.9	139.7	120.0
57,5°	456.1	509.5	540.2	473.7	475.8	449.4	382.0	338.0	280.6	193.7	147.6	127.4	107.7
60,0°	454.7	550.7	626.2	535.6	552.0	489.1	388.8	346.1	288.7	198.3	151.3	116.0	97.8
62,5°	443.2	559.9	640.1	609.7	665.8	557.6	426.1	359.6	295.2	206.9	149.4	110.8	90.8
65,0°	433.4	559.9	590.5	629.2	695.4	570.3	431.8	361.6	296.3	209.4	142.3	104.9	76.0
67,5°	434.9	561.5	629.4	661.0	620.2	496.7	388.0	327.4	269.2	199.0	130.7	97.3	54.5
70,0°	532.4	631.7	757.6	734.6	492.7	393.6	303.3	263.0	228.0	187.6	121.8	72.8	43.6
72,5°	587.7	740.0	746.2	626.4	435.8	309.3	212.0	175.8	177.0	163.3	107.9	59.3	33.1
75,0°	479.6	517.3	617.6	568.8	289.1	205.2	135.5	126.0	118.6	117.5	77.6	51.2	24.3
77,5°	476.5	394.7	458.3	364.9	206.6	148.5	112.6	109.1	83.6	63.5	38.4	28.2	17.9
80,0°	367.6	258.8	151.1	177.0	123.9	97.8	79.4	76.5	48.6	40.6	28.3	21.1	15.8
82,5°	145.3	121.1	90.1	108.7	88.9	66.7	61.8	50.5	24.3	19.7	17.2	16.0	14.3
85,0°	38.5	47.0	65.8	99.1	70.0	48.9	41.5	30.1	18.7	15.3	13.2	13.2	12.7
87,5°	20.8	32.4	45.4	58.6	39.4	28.7	21.1	19.2	13.7	12.8	12.3	12.0	11.4
90,0°	13.4	13.7	13.4	13.4	13.0	12.7	12.3	12.0	11.8	11.6	11.6	11.3	10.9
92,5°	12.8	13.0	12.8	12.7	12.1	12.0	11.6	11.4	11.3	11.3	11.3	11.3	10.9
95,0°	11.8	12.0	11.8	11.8	11.6	11.3	10.9	10.9	10.9	10.9	10.9	10.9	10.6
97,5°	10.7	10.9	10.7	10.9	10.6	10.6	10.4	10.6	10.2	10.4	10.2	10.2	10.2
100,0°	9.7	9.9	9.7	9.9	9.9	9.9	9.7	9.7	9.7	9.7	9.7	9.7	9.5
102,5°	9.0	9.0	9.0	9.1	9.0	9.1	9.1	9.1	9.1	9.3	9.1	9.3	9.1
105,0°	8.6	8.6	8.6	8.6	8.6	8.8	8.8	9.0	9.0	9.0	9.0	9.0	9.3
107,5°	8.3	8.4	8.4	8.4	8.4	8.6	8.6	8.6	8.6	9.0	9.0	9.0	9.1
110,0°	8.3	8.1	8.3	8.3	8.4	8.4	8.6	8.6	8.6	8.8	8.8	9.1	9.3
112,5°	7.9	8.1	8.3	8.3	8.3	8.4	8.6	8.6	8.6	8.8	9.0	9.0	9.1

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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
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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°
$\gamma$	Luminous intensity in cd/klm												
0,0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2,5°	28.3	29.9	29.2	31.0	29.9	31.3	27.4	27.1	27.4	26.7	27.1	26.2	26.6
5,0°	33.3	33.4	34.0	33.1	33.1	32.0	31.5	31.5	33.6	32.6	35.2	33.6	35.4
7,5°	44.9	46.8	42.1	44.0	39.1	44.7	64.6	57.9	60.0	56.7	58.2	52.1	61.1
10,0°	79.9	85.5	74.6	80.9	81.6	94.0	95.4	93.4	81.6	82.0	85.5	80.1	85.9
12,5°	114.9	124.0	112.8	116.5	122.5	132.7	129.1	125.1	128.8	111.7	114.5	98.4	101.3
15,0°	183.0	186.7	168.7	166.8	163.5	174.5	193.5	178.2	167.9	152.2	132.1	133.4	127.6
17,5°	246.3	256.4	234.0	231.9	225.9	239.6	239.6	211.8	196.2	180.2	170.0	159.1	139.4
20,0°	302.6	290.7	270.1	268.5	258.8	283.3	256.9	230.8	208.5	187.6	169.4	155.5	149.6
22,5°	329.4	321.1	318.5	338.0	325.7	344.2	301.6	267.4	243.7	199.7	180.0	169.8	140.1
25,0°	331.3	340.3	354.2	378.5	385.9	395.9	309.8	285.9	262.3	214.8	167.3	148.0	136.2
27,5°	313.9	328.7	360.9	381.6	385.2	383.6	322.9	295.1	242.1	196.2	172.1	149.9	141.5
30,0°	298.4	314.1	343.1	361.9	362.6	358.9	290.0	250.2	216.4	191.6	177.0	158.0	138.5
32,5°	296.3	313.9	325.9	327.1	330.4	325.9	290.8	265.0	228.0	195.0	181.6	160.5	120.5
35,0°	279.6	285.0	298.9	305.3	309.8	306.5	316.5	293.7	240.0	197.1	183.7	146.4	94.3
37,5°	248.4	258.3	275.0	278.0	282.6	277.3	314.6	282.8	224.9	199.2	171.7	122.8	75.8
40,0°	235.6	239.3	249.8	243.3	245.4	234.0	307.2	265.0	202.3	190.0	144.6	95.2	72.3
42,5°	211.0	212.9	217.8	203.7	205.0	192.5	346.8	290.0	221.2	188.1	126.5	82.7	74.4
45,0°	184.6	183.0	185.1	166.8	161.3	152.0	371.4	304.0	236.5	184.2	100.8	76.5	75.1
47,5°	165.2	155.2	150.6	130.0	125.3	115.4	382.5	307.2	247.9	169.3	84.8	74.8	74.1
50,0°	149.9	133.0	125.5	104.0	96.8	88.0	385.9	306.7	247.2	141.8	78.3	73.2	71.1
52,5°	128.1	110.1	103.5	84.1	77.8	71.8	390.3	302.1	229.6	116.8	78.5	71.6	67.4
55,0°	106.4	86.4	77.9	64.2	61.9	57.0	396.2	304.6	203.2	98.9	76.2	68.3	63.2
57,5°	95.2	73.5	64.7	52.8	48.4	45.7	405.4	300.7	170.3	85.9	72.0	63.7	61.2
60,0°	82.3	61.2	53.1	44.3	43.5	42.6	394.3	279.6	139.7	78.3	67.2	62.1	60.2
62,5°	73.5	52.1	43.1	39.4	39.9	39.4	326.9	232.3	113.1	70.2	62.8	61.8	59.5
65,0°	66.2	45.9	37.5	35.0	36.1	35.9	267.1	187.6	107.2	75.1	57.2	57.9	55.2
67,5°	44.3	35.5	32.9	31.8	33.4	33.4	279.8	174.0	123.2	71.6	50.8	52.3	49.3
70,0°	32.0	29.7	29.0	28.7	30.3	29.9	459.4	253.0	153.4	71.6	50.7	45.9	43.5
72,5°	26.6	24.1	24.6	25.3	26.4	26.4	534.9	272.7	148.0	47.3	41.0	43.1	38.2
75,0°	20.8	20.8	21.8	21.8	22.3	21.5	461.3	290.7	137.1	41.9	36.2	36.8	35.2
77,5°	18.1	18.3	18.8	17.8	17.4	16.5	312.3	338.3	156.1	34.0	33.6	33.1	31.7
80,0°	16.0	15.8	15.7	15.0	14.6	14.4	165.2	264.5	181.4	35.0	29.9	30.3	28.5
82,5°	14.3	14.1	13.9	13.2	13.2	13.0	121.4	110.5	82.5	26.2	25.7	27.4	25.5
85,0°	12.8	12.5	12.3	12.0	12.0	12.0	62.5	47.9	41.5	31.7	23.2	24.8	23.2
87,5°	11.6	11.3	11.3	11.3	11.3	10.9	18.3	17.9	16.7	20.1	20.9	23.0	21.5
90,0°	10.9	10.6	10.6	10.6	10.6	10.6	13.0	12.5	11.8	11.1	10.7	10.4	10.0
92,5°	10.7	10.6	10.6	10.6	10.4	10.2	12.0	12.1	11.4	11.1	10.4	10.0	10.0
95,0°	10.6	10.6	10.4	10.2	10.2	10.2	11.4	11.4	10.7	10.6	10.0	10.0	9.5
97,5°	10.2	10.2	9.9	9.9	9.9	9.9	10.6	10.4	10.0	9.7	9.5	9.3	9.0
100,0°	9.7	9.5	9.5	9.5	9.5	9.5	9.3	9.3	9.1	9.0	8.6	8.6	8.3
102,5°	9.3	9.1	9.1	9.1	9.1	9.1	8.6	8.8	8.6	8.4	8.3	7.9	7.9
105,0°	9.0	9.0	9.1	8.8	8.8	9.1	8.3	8.4	8.3	8.1	7.9	7.7	7.4
107,5°	9.0	9.0	9.0	8.8	8.8	8.8	7.9	8.3	7.9	7.9	7.6	7.6	7.2
110,0°	9.0	9.1	9.0	8.8	8.8	8.8	7.9	7.9	7.7	7.6	7.6	7.2	7.2
112,5°	9.1	9.1	9.0	8.8	8.8	8.8	7.6	7.9	7.6	7.6	7.2	7.2	6.9

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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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	0.0	0.0
2,5°	25.7	25.9	24.8	25.2	24.1	24.6	23.9	24.3	23.8	24.1	23.6	0.3	0.4
5,0°	32.9	34.7	32.4	33.8	32.4	35.0	32.7	34.5	31.3	32.4	30.3	0.8	1.1
7,5°	56.8	57.9	49.3	55.4	53.7	56.0	50.3	48.2	48.6	51.0	52.4	1.9	3.0
10,0°	70.2	80.6	68.6	72.1	68.6	65.5	57.7	60.7	57.7	56.3	52.8	3.8	6.8
12,5°	101.7	100.1	96.1	95.0	83.8	73.0	58.4	59.3	60.7	63.3	63.7	6.9	13.7
15,0°	121.2	113.3	111.0	106.3	107.5	89.2	76.9	63.7	67.2	68.4	69.0	11.2	24.9
17,5°	124.4	117.2	116.8	109.6	104.7	94.0	74.8	67.9	67.9	66.2	65.8	16.2	41.1
20,0°	135.5	115.1	113.3	99.9	92.7	82.3	73.4	65.3	63.2	66.0	66.5	20.7	61.8
22,5°	118.8	105.6	99.6	96.9	87.3	78.5	72.1	63.5	62.8	67.7	68.3	25.4	87.2
25,0°	124.6	109.4	97.5	85.2	78.3	70.4	69.0	62.8	60.9	61.8	61.9	29.3	116.5
27,5°	126.5	101.7	85.9	71.8	67.4	65.6	64.2	58.4	54.9	56.0	56.0	31.5	147.9
30,0°	114.4	85.9	72.3	66.7	64.2	63.5	62.1	56.1	51.2	51.9	51.7	32.6	180.6
32,5°	93.1	75.1	72.1	67.7	66.0	64.2	59.8	54.2	47.3	49.4	48.6	34.6	215.2
35,0°	76.5	71.6	70.0	68.4	65.5	63.2	59.3	53.5	46.6	48.0	46.8	35.8	251.0
37,5°	69.7	69.0	67.9	65.5	64.0	61.1	57.7	53.1	46.1	47.3	46.5	35.5	286.5
40,0°	68.4	65.8	64.7	62.1	60.0	57.2	54.7	51.0	45.9	46.5	46.1	36.1	322.6
42,5°	70.6	65.6	62.1	60.2	57.2	53.5	50.3	46.1	43.1	43.3	42.6	37.2	359.8
45,0°	72.0	68.4	63.9	57.7	53.3	49.1	45.7	41.3	38.4	38.5	39.1	38.0	397.9
47,5°	72.0	68.8	64.6	58.4	50.5	44.0	40.8	37.5	34.7	33.8	33.4	38.8	436.6
50,0°	70.4	67.4	64.4	57.7	49.8	42.2	36.9	33.1	31.3	30.3	30.3	39.4	476.0
52,5°	66.3	63.9	61.1	54.5	47.9	40.3	35.0	31.3	29.2	27.4	27.4	39.6	515.6
55,0°	61.9	59.6	57.0	51.0	44.9	38.2	33.6	30.1	27.3	25.7	25.7	40.0	555.6
57,5°	58.6	55.6	53.3	47.7	41.3	35.4	31.3	28.3	26.4	24.6	24.3	41.2	596.8
60,0°	56.1	52.3	50.0	44.0	38.0	32.6	29.0	26.6	25.2	23.6	23.2	43.3	640.1
62,5°	54.0	48.7	45.7	40.3	35.4	30.3	27.4	25.0	23.8	22.3	22.2	45.1	685.2
65,0°	51.2	45.2	41.5	36.1	32.2	28.2	25.5	23.4	22.3	21.1	20.8	44.7	729.9
67,5°	46.6	41.2	37.1	32.4	28.9	25.9	23.8	22.2	20.9	19.9	19.4	43.4	773.4
70,0°	41.9	37.7	33.8	28.9	26.2	23.8	22.2	20.6	19.9	18.8	18.3	45.0	818.4
72,5°	36.4	33.8	30.3	26.2	24.3	22.0	20.8	19.4	18.7	17.4	16.9	42.8	861.2
75,0°	33.3	30.4	27.3	24.1	22.2	20.2	18.8	17.8	17.1	15.8	15.5	34.7	895.9
77,5°	29.7	27.4	25.0	22.3	20.6	18.5	17.4	16.2	15.3	14.4	13.7	27.9	923.8
80,0°	26.9	24.5	22.7	20.4	18.8	16.9	15.8	14.8	13.7	12.7	12.0	18.7	942.6
82,5°	23.4	20.6	18.7	17.4	16.5	15.3	14.4	13.2	12.3	11.4	10.9	11.2	953.8
85,0°	20.8	17.1	16.0	15.0	15.0	14.4	13.2	12.1	11.4	10.6	10.2	7.5	961.3
87,5°	17.8	14.6	13.5	12.7	12.7	12.0	11.6	10.9	10.4	9.7	9.1	5.0	966.3
90,0°	9.7	9.5	9.3	9.1	9.0	9.0	8.6	8.6	8.4	8.3	7.4	3.0	969.3
92,5°	9.7	9.3	9.3	9.0	9.0	9.0	8.8	8.6	8.4	8.3	7.7	2.9	972.2
95,0°	9.3	9.1	9.0	9.0	8.8	8.6	8.6	8.4	8.3	8.1	7.4	2.8	975.0
97,5°	9.0	8.6	8.6	8.3	8.3	8.3	8.3	7.9	7.9	7.6	7.0	2.6	977.6
100,0°	8.3	7.9	7.9	7.7	7.6	7.6	7.6	7.4	7.2	7.0	6.7	2.4	980.0
102,5°	7.7	7.6	7.6	7.4	7.2	7.0	6.9	6.9	6.9	6.5	6.3	2.2	982.2
105,0°	7.4	7.2	7.2	7.0	6.9	6.9	6.9	6.7	6.5	6.3	6.0	2.1	984.4
107,5°	7.2	7.2	7.0	6.7	6.7	6.7	6.5	6.5	6.2	6.2	6.0	2.1	986.5
110,0°	6.9	6.9	7.0	6.7	6.7	6.5	6.3	6.2	6.2	5.8	6.0	2.0	988.5
112,5°	6.7	6.5	6.7	6.5	6.5	6.5	6.5	6.3	6.2	5.8	5.6	2.0	990.5

**Photometric test report**

<b>Family</b> <b>LANTERN LED</b>	<b>Order number: 5XA5255FF14HP</b> <b>EAN: 4058352834756</b>	<b>LP number</b> <b>58715_18</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°
$\gamma$	<b>Luminous intensity in cd/klm</b>												
<b>115,0°</b>	7.7	7.9	7.9	7.9	7.9	8.3	8.3	8.4	8.4	8.6	9.0	9.1	9.1
<b>117,5°</b>	7.2	7.4	7.6	7.7	7.7	7.9	7.9	8.1	8.3	8.6	9.0	9.0	8.8
<b>120,0°</b>	6.5	6.9	6.9	7.2	7.0	7.4	7.4	7.6	7.7	8.1	8.3	8.6	8.4
<b>122,5°</b>	5.1	5.5	5.5	6.0	5.6	6.0	6.0	6.3	6.2	6.9	7.0	7.4	6.9
<b>125,0°</b>	3.5	3.7	3.7	4.0	3.9	4.2	4.0	4.4	4.4	4.9	4.9	5.5	4.9
<b>127,5°</b>	2.3	2.5	2.5	2.6	2.5	2.6	2.8	2.8	3.0	3.2	3.5	3.7	3.5
<b>130,0°</b>	1.9	1.9	1.9	2.3	2.1	2.5	2.3	2.5	2.6	2.6	3.2	3.3	3.2
<b>132,5°</b>	1.6	1.6	1.6	1.6	1.8	1.8	1.9	1.9	1.9	2.3	2.5	2.8	2.5
<b>135,0°</b>	1.1	1.1	1.1	1.2	1.2	1.4	1.4	1.6	1.6	1.8	2.1	2.1	1.9
<b>150,0°</b>	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
<b>165,0°</b>	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
<b>180,0°</b>	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 LED</b>	<b>Order number: 5XA5255FF14HP</b> <b>EAN: 4058352834756</b>	<b>LP number</b> <b>58715_18</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°	9.0	9.0	8.8	8.6	8.4	8.4	7.4	7.6	7.2	7.2	6.9	6.9	6.5
117,5°	9.0	9.0	8.6	8.4	8.4	8.4	7.0	7.2	6.9	6.9	6.5	6.3	6.2
120,0°	8.4	8.3	8.1	7.9	7.9	7.7	6.3	6.5	6.2	6.2	5.8	5.8	5.5
122,5°	7.2	6.9	6.7	6.5	6.7	6.3	4.8	5.1	4.8	4.8	4.4	4.4	4.4
125,0°	5.3	4.8	4.9	4.4	4.6	4.2	3.0	3.3	3.0	3.2	3.0	3.0	2.6
127,5°	3.5	3.2	3.2	2.6	2.8	2.8	2.1	2.3	2.1	1.9	1.9	1.9	1.9
130,0°	3.0	2.8	2.6	2.3	2.3	2.1	1.6	1.9	1.8	1.8	1.6	1.6	1.4
132,5°	2.3	2.3	2.1	1.9	1.8	1.8	1.4	1.4	1.4	1.4	1.2	1.1	1.1
135,0°	1.8	1.6	1.6	1.2	1.2	1.1	0.9	1.1	0.7	0.9	0.9	0.9	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°	6.5	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.0	5.6	5.6	1.9	992.3
117,5°	6.2	5.8	6.0	6.0	6.2	6.0	6.0	6.0	5.8	5.5	5.3	1.8	994.1
120,0°	5.5	5.1	5.3	5.3	5.6	5.5	5.6	5.5	5.5	4.8	4.9	1.6	995.7
122,5°	4.4	3.9	4.2	4.0	4.4	4.2	4.6	4.4	4.4	3.9	3.9	1.2	996.9
125,0°	2.6	2.5	2.8	2.6	3.2	3.2	3.3	3.3	3.3	2.8	2.8	0.8	997.8
127,5°	1.8	1.8	1.9	1.8	2.3	2.5	2.5	2.8	2.5	2.5	2.5	0.6	998.3
130,0°	1.4	1.4	1.6	1.8	2.1	2.1	2.5	2.6	2.6	2.3	2.5	0.5	998.8
132,5°	1.2	1.1	1.2	1.2	1.6	1.9	2.1	2.5	2.5	2.3	2.1	0.4	999.2
135,0°	0.9	0.9	0.9	0.9	1.1	1.4	1.8	1.9	2.1	2.1	2.1	0.9	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 <b>LANTERN LED</b>	Order number: <b>5XA5255FF14HP</b> EAN: <b>4058352834756</b>	LP number <b>58715_18</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	4700	33.6	35.9	34.8
95	241	252	4459	31.3	33.5	32.4
90	229	250	4237	29.4	31.4	30.4
85	216	248	3997	27.3	29.2	28.2
80	203	246	3756	25.4	27.1	26.2
75	190	243	3516	23.5	25.1	24.3
70	178	241	3294	21.9	23.3	22.6
65	165	238	3053	20.1	21.4	20.8
60	152	235	2813	18.4	19.5	19.0
55	140	232	2591	16.8	17.9	17.4
50	127	229	2350	15.2	16.2	15.7
45	114	225	2109	13.7	14.5	14.1
40	102	221	1887	12.2	13.0	12.6
35	89	216	1647	10.7	11.3	11.0
30	76	210	1406	9.2	9.7	9.4
25	63	203	1166	7.8	8.2	8.0
20	51	195	944	6.6	6.9	6.8
15	38	184	703	5.2	5.5	5.4
11	28	173	518	4.1	4.4	4.2