

## Photometric test report

Family  
LANTERN LED

Order number: 5XA5255BF14H  
EAN: 4058352833421

LP number  
57122\_31



**Version** post-top- or mounting to wall arm  
**Optic** asymmetric, extremely wide distribution (P1.0a)  
**Cover** cover transparent, PMMA  
**Lamps** LED 2200 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 1510 lm  
Power consumption = 12.9 W  
Luminous efficacy = 117.1 lm/W

serial  
documentation  
08.07.2022

siteco

Luminous intensity in cd/klm

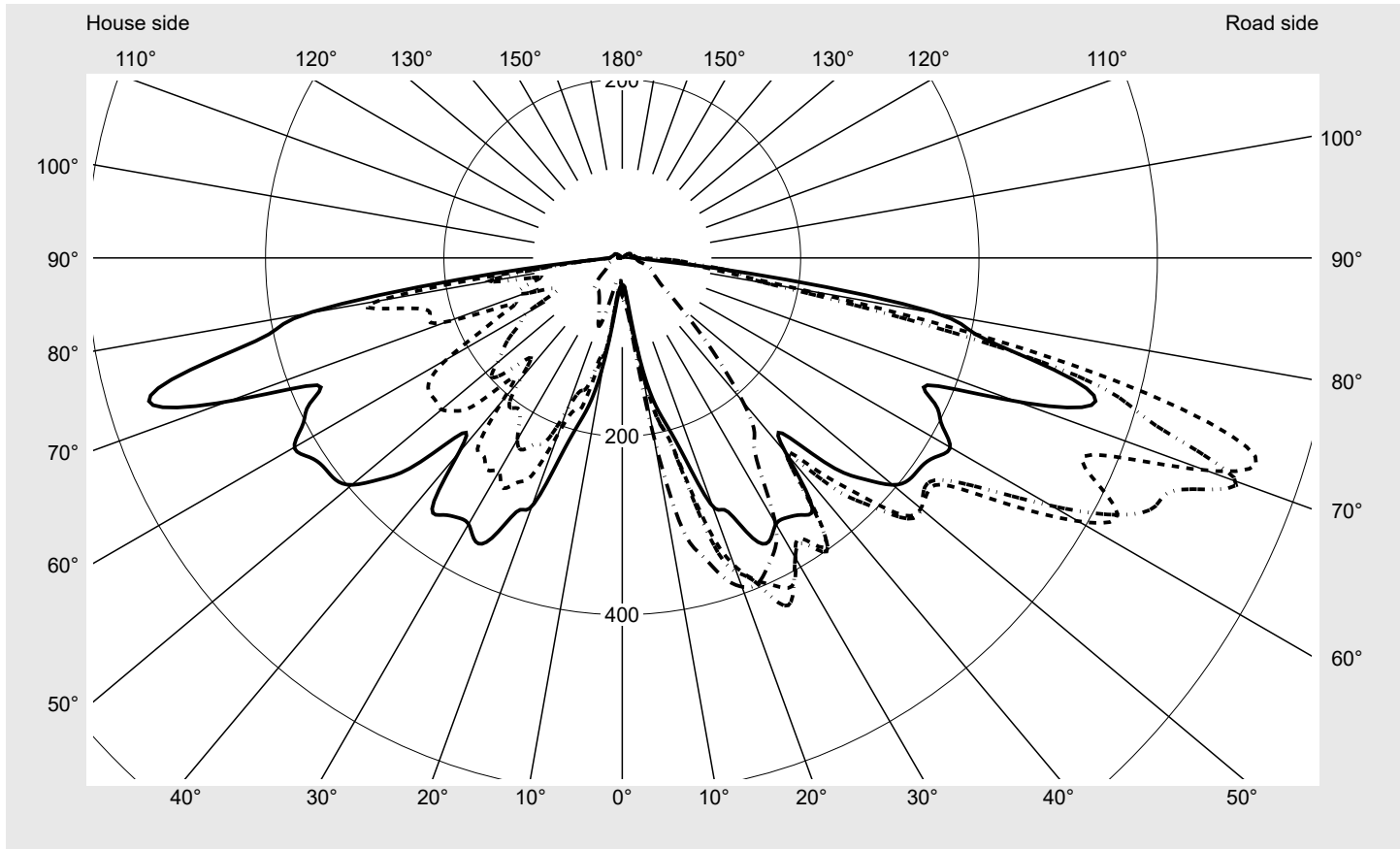
C180-0

C190-10

C195-15

C270-90

Imax: 745 cd/klm



#### Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	96.2%
Eta 90° - 180°	3.8%

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

Class:	---
Imax 70°	733.1
Imax 80°	358.5
Imax 90°	16.7
Imax >90°	14.8
Imax >95°	14.2

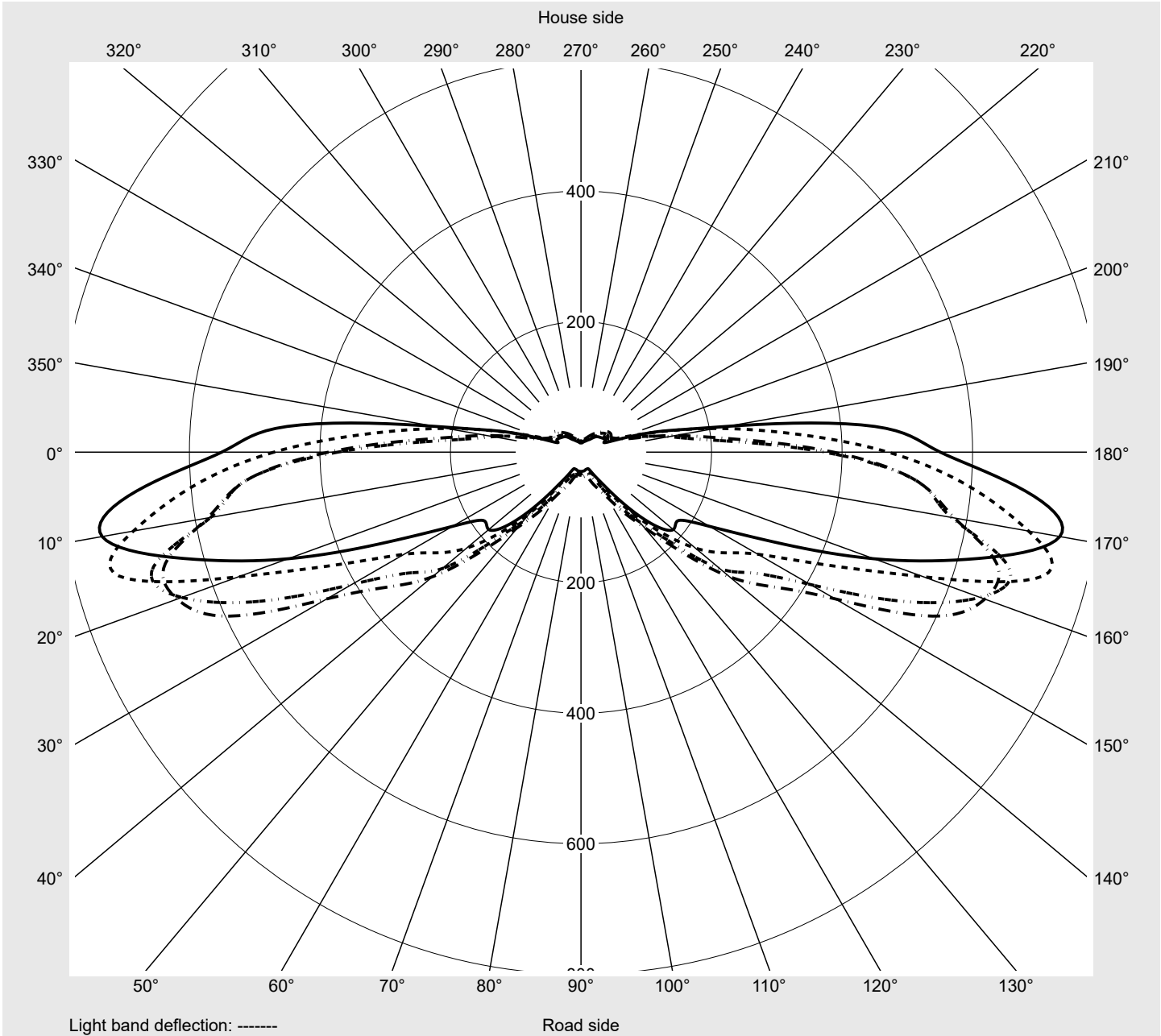
#### Measurement conditions

DIN EN 13032 and DIN 5032

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**Envelope curve in cd/klm**      **KMK 72.5°**   **KMK 70°**   **KMK 67.5°**   **KMK 65°**      **siteco**



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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</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												
0,0°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
2,5°	33.5	33.8	34.1	34.5	34.8	35.4	36.4	37.4	39.3	40.9	43.2	45.4	47.3
5,0°	35.1	35.8	36.4	37.0	37.7	39.9	41.9	44.8	49.0	51.5	53.8	56.0	57.3
7,5°	57.0	64.4	71.5	77.3	82.8	87.9	91.2	94.4	97.3	99.2	99.5	98.9	97.3
10,0°	118.9	123.4	127.9	132.4	137.2	141.4	148.5	157.2	162.3	167.5	173.3	176.2	184.6
12,5°	166.2	169.1	187.5	186.2	198.4	205.8	211.6	220.3	235.8	238.7	251.6	263.8	278.6
15,0°	195.5	219.0	219.7	223.2	265.4	282.5	296.0	311.8	317.3	337.2	345.3	348.5	353.0
17,5°	238.0	256.1	313.4	332.1	362.4	374.3	389.7	386.5	376.5	373.0	372.7	373.6	372.0
20,0°	296.3	334.3	366.9	374.9	379.1	397.5	406.2	418.4	413.9	413.2	395.9	396.2	391.0
22,5°	307.3	359.8	391.0	394.9	408.7	393.9	415.2	403.9	407.5	420.7	403.9	406.8	401.0
25,0°	346.9	374.6	405.5	430.3	412.9	407.5	405.5	405.5	409.7	410.3	409.4	396.8	391.0
27,5°	357.5	382.3	413.9	416.1	410.3	408.7	402.0	403.9	397.8	391.7	388.8	380.7	374.3
30,0°	344.6	365.9	388.4	387.8	385.5	391.3	382.3	385.9	380.4	369.8	364.6	354.6	342.7
32,5°	345.0	360.4	372.7	379.4	382.3	377.2	390.4	392.0	378.5	364.3	351.7	331.8	308.6
35,0°	351.7	385.2	395.9	400.7	391.7	386.8	384.6	368.5	359.5	339.8	317.6	298.9	282.8
37,5°	348.8	360.7	351.7	346.3	354.6	334.0	319.8	318.2	313.1	299.5	290.5	264.4	251.2
40,0°	285.4	279.6	285.4	289.9	283.1	303.7	312.4	310.8	303.4	279.9	256.1	228.7	214.8
42,5°	267.7	288.9	323.7	348.8	357.8	364.9	360.1	342.4	327.2	286.3	250.9	212.6	195.2
45,0°	329.2	351.4	374.9	392.6	398.4	389.7	369.8	349.5	320.5	284.1	237.1	198.7	181.3
47,5°	366.9	402.6	426.8	432.6	418.7	397.8	368.2	340.5	303.7	260.9	214.5	185.2	173.6
50,0°	395.9	424.2	437.1	437.7	434.2	415.5	381.4	349.5	299.2	236.4	188.1	168.5	158.5
52,5°	406.8	436.1	431.6	426.5	434.8	426.5	396.5	350.4	297.0	222.9	168.8	156.2	139.1
55,0°	408.7	438.1	444.5	433.9	427.4	425.2	400.4	353.0	292.1	217.7	161.0	144.9	123.0
57,5°	415.8	465.4	515.0	481.5	443.8	440.9	399.1	352.4	294.1	216.1	156.5	127.2	105.6
60,0°	424.5	511.8	590.4	555.9	500.9	479.6	416.5	356.6	295.7	226.4	159.1	122.1	99.8
62,5°	403.6	517.3	625.8	623.9	613.9	570.8	447.1	365.9	304.4	225.5	157.2	115.6	97.6
65,0°	386.8	517.9	581.1	659.3	658.4	594.6	449.6	360.1	297.0	213.5	150.1	110.8	78.6
67,5°	372.7	518.3	576.2	678.0	651.0	540.2	405.5	323.1	277.6	195.8	139.1	99.2	61.8
70,0°	470.6	596.2	696.4	733.1	558.5	406.5	313.1	269.0	228.7	174.3	121.8	74.1	44.8
72,5°	550.5	683.5	745.0	629.7	477.7	325.3	227.4	182.6	184.6	157.8	106.9	63.5	41.9
75,0°	519.9	539.5	642.9	552.7	376.9	219.7	160.1	132.7	121.1	98.9	73.1	47.0	31.6
77,5°	412.9	386.5	437.4	360.4	254.1	153.6	121.8	107.3	83.4	63.1	42.2	27.4	22.5
80,0°	358.5	319.2	202.3	166.2	151.1	108.9	92.8	69.6	45.7	38.0	29.0	22.2	19.0
82,5°	182.3	137.2	108.5	132.4	109.8	83.7	68.9	47.7	26.4	20.9	18.7	18.0	17.7
85,0°	53.8	46.4	72.5	85.7	75.4	52.8	42.8	33.2	20.9	18.0	16.7	16.7	16.4
87,5°	22.5	32.2	49.9	58.9	39.0	31.6	25.8	22.2	16.7	15.5	15.8	15.8	15.5
90,0°	14.5	15.1	16.4	16.7	16.4	15.8	15.5	15.1	14.8	14.8	14.8	15.1	14.8
92,5°	13.2	13.9	14.2	14.5	14.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
95,0°	12.6	13.2	13.9	13.9	13.9	14.2	14.2	14.2	14.2	14.2	14.2	14.5	14.5
97,5°	11.9	12.6	13.2	13.2	13.5	13.5	13.5	13.5	13.5	13.9	13.9	14.2	14.2
100,0°	11.3	11.9	12.2	12.2	12.6	12.9	12.9	12.9	12.9	13.2	13.5	13.5	13.5
102,5°	10.6	11.0	11.6	11.6	11.9	12.2	12.2	12.2	12.6	12.9	12.9	12.9	12.9
105,0°	10.3	10.6	11.0	11.3	11.6	11.6	11.9	11.9	12.2	12.2	12.2	12.2	12.9
107,5°	10.0	10.3	10.6	11.0	11.0	11.3	11.6	11.6	11.6	11.6	12.2	12.2	12.2
110,0°	9.7	10.0	10.3	10.6	11.0	11.0	11.3	11.6	11.6	11.6	11.9	12.2	12.2
112,5°	9.7	10.0	10.3	10.3	10.6	11.0	11.0	11.0	11.6	11.6	11.6	11.6	11.9

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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°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
2,5°	48.6	49.0	49.3	49.6	49.6	49.6	33.5	33.5	33.5	33.2	32.9	32.5	32.5
5,0°	57.7	57.7	58.0	58.0	58.0	58.0	35.1	35.1	35.4	35.8	35.8	35.4	35.1
7,5°	96.3	95.7	94.7	92.8	92.1	92.1	49.0	43.5	39.6	37.7	36.7	36.1	35.8
10,0°	193.6	195.2	197.4	200.0	201.6	203.6	114.0	110.8	105.0	97.0	88.3	75.4	55.7
12,5°	292.1	303.4	313.7	314.7	311.5	310.5	145.9	125.9	114.7	111.1	99.8	97.9	95.7
15,0°	350.8	352.1	350.8	349.2	345.6	345.3	180.1	172.0	148.5	165.2	128.5	131.4	123.7
17,5°	373.3	374.6	378.5	375.6	375.6	374.9	220.0	179.4	156.5	145.3	164.9	128.2	111.4
20,0°	392.3	389.1	391.3	389.1	391.7	392.3	266.4	209.0	182.0	169.7	136.6	120.8	110.2
22,5°	393.6	389.7	388.4	389.4	391.3	395.5	287.0	263.2	222.2	184.9	156.5	138.5	120.8
25,0°	385.9	380.1	380.7	380.7	383.6	383.9	307.0	277.6	230.0	179.7	163.6	140.8	127.2
27,5°	363.3	355.9	358.5	364.9	368.5	369.8	330.8	290.5	242.5	198.4	171.0	143.7	120.8
30,0°	323.7	318.2	326.0	334.0	339.8	343.4	323.1	276.4	235.1	209.0	174.9	140.1	113.1
32,5°	293.4	289.6	292.5	292.5	291.5	291.2	310.5	281.8	213.5	186.2	173.0	132.1	95.0
35,0°	274.1	270.2	268.0	262.2	258.3	257.7	322.7	270.9	205.5	180.4	154.0	108.2	77.0
37,5°	245.4	245.8	245.8	242.5	242.2	242.9	300.5	265.4	208.4	184.9	132.7	84.4	62.5
40,0°	209.7	212.3	213.5	214.2	211.9	210.7	264.1	208.1	178.8	162.7	112.4	75.0	59.6
42,5°	197.4	198.1	193.6	182.3	174.6	169.4	236.1	182.6	152.0	121.8	91.2	65.4	61.8
45,0°	175.2	170.7	162.7	148.5	137.2	134.6	304.4	232.2	176.5	129.2	76.7	65.1	64.1
47,5°	157.8	146.2	135.0	119.5	108.2	104.4	319.5	253.8	198.1	115.3	65.1	63.8	65.7
50,0°	142.0	124.3	110.5	97.0	85.7	82.5	337.6	264.4	183.0	108.2	62.5	62.8	64.1
52,5°	121.8	103.1	91.2	79.2	68.9	67.0	346.6	263.5	168.1	85.4	63.1	60.9	61.5
55,0°	104.7	88.3	75.0	65.4	57.0	54.8	342.7	263.8	153.3	77.6	63.1	58.6	58.3
57,5°	91.8	74.4	62.2	53.8	48.6	48.3	350.4	256.1	135.0	67.3	61.8	57.7	56.4
60,0°	79.2	60.9	50.2	45.4	43.8	43.8	344.0	227.1	125.0	65.7	60.2	56.4	55.7
62,5°	75.4	56.4	43.2	39.9	39.9	39.9	297.0	179.1	87.6	59.3	56.4	55.7	55.4
65,0°	61.8	50.2	39.9	37.4	37.7	37.4	232.9	146.9	82.1	61.2	52.5	53.1	52.8
67,5°	45.7	37.7	35.4	34.5	35.1	35.4	207.4	136.6	91.2	60.2	47.0	48.0	47.7
70,0°	35.8	34.5	32.2	32.2	32.9	33.5	325.3	209.0	117.2	66.0	45.4	43.8	42.5
72,5°	29.3	27.4	27.7	29.0	29.3	29.6	451.9	227.4	120.8	48.3	40.3	40.9	38.3
75,0°	24.8	24.8	25.1	25.4	25.1	25.1	466.7	226.1	103.7	44.4	35.8	35.4	34.5
77,5°	21.6	21.9	22.2	21.3	20.6	20.0	356.9	261.5	101.5	31.6	32.9	32.9	31.2
80,0°	19.6	19.6	19.3	18.7	18.0	18.0	212.9	279.6	150.7	36.4	29.0	28.7	27.7
82,5°	18.4	18.0	17.4	16.7	16.7	16.7	134.0	119.2	96.0	23.5	25.1	25.8	25.4
85,0°	16.4	16.4	16.1	16.1	16.1	16.1	75.7	43.2	48.3	31.9	22.5	23.5	23.8
87,5°	15.5	15.5	15.5	15.5	15.5	15.5	23.2	18.7	19.6	19.6	20.6	21.9	20.9
90,0°	14.8	14.8	14.8	14.8	14.8	14.8	13.2	12.2	12.2	12.2	12.9	12.6	11.9
92,5°	14.8	14.8	14.8	14.8	14.8	14.8	12.6	11.9	11.0	10.3	9.7	9.0	8.4
95,0°	14.5	14.8	14.8	14.8	14.8	14.8	11.9	11.3	10.6	10.0	9.3	8.7	8.1
97,5°	14.2	14.2	14.2	14.2	14.2	14.2	11.3	11.0	10.3	9.7	9.0	8.4	7.7
100,0°	13.5	13.5	13.5	13.5	13.5	13.5	11.3	10.6	10.0	9.3	8.7	8.1	7.7
102,5°	12.9	12.9	12.9	12.9	12.9	12.9	10.3	10.0	9.3	8.7	8.1	7.7	7.1
105,0°	12.9	12.9	12.9	12.9	12.9	12.2	10.0	9.3	9.0	8.4	8.1	7.7	7.1
107,5°	12.2	12.2	12.6	12.9	12.9	11.6	9.7	9.0	8.7	8.4	7.7	7.4	7.1
110,0°	12.2	12.2	12.2	12.2	12.2	11.0	9.3	9.0	8.7	8.1	7.7	7.4	7.1
112,5°	12.2	12.2	12.2	12.2	11.3	7.1	9.0	9.0	8.4	8.4	7.7	7.1	7.1

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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°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	0.1	0.1
2,5°	32.5	32.2	32.2	31.9	31.2	30.9	30.3	29.6	28.3	28.0	27.7	0.4	0.5
5,0°	34.5	33.8	33.2	32.5	31.2	30.6	29.6	28.7	28.0	27.1	26.4	1.0	1.5
7,5°	35.1	34.5	33.5	32.9	31.6	30.3	29.0	28.0	27.4	27.1	27.1	2.2	3.7
10,0°	43.5	38.3	36.1	34.1	33.5	31.2	29.0	26.4	25.4	25.1	25.1	5.3	9.0
12,5°	89.2	82.5	68.3	57.3	47.3	42.5	37.0	29.3	26.1	25.1	25.1	9.6	18.6
15,0°	102.1	99.8	103.4	95.3	100.5	65.1	56.7	50.9	43.2	37.7	36.1	14.7	33.3
17,5°	108.2	92.1	104.7	87.6	83.7	76.0	75.0	71.5	73.1	74.1	74.1	19.6	52.9
20,0°	97.9	90.5	108.2	100.5	88.3	84.4	78.6	69.3	71.8	77.6	78.6	24.1	77.0
22,5°	102.7	104.4	102.1	93.7	81.8	74.1	73.1	67.0	68.6	69.6	68.3	27.7	104.7
25,0°	107.9	111.4	80.8	72.5	70.5	71.5	69.6	66.4	61.5	61.8	61.8	30.7	135.4
27,5°	108.2	80.8	69.6	66.7	69.3	71.8	66.7	61.5	55.7	56.0	56.0	32.9	168.3
30,0°	92.4	77.3	72.8	72.1	68.9	67.6	62.2	57.3	51.9	51.5	51.5	33.6	201.9
32,5°	75.4	75.4	74.1	71.8	69.3	66.7	60.2	55.7	49.3	48.3	48.3	34.4	236.3
35,0°	70.2	74.4	74.7	70.9	69.9	67.3	60.2	54.1	45.7	46.1	45.7	35.4	271.7
37,5°	65.7	70.5	70.9	70.2	69.6	68.9	60.9	55.1	44.1	45.4	45.1	34.2	305.9
40,0°	59.6	62.8	65.4	66.0	66.0	65.1	59.6	54.4	45.4	47.7	47.7	31.7	337.6
42,5°	56.7	55.1	59.3	60.6	59.3	58.9	56.4	52.5	46.1	46.7	47.0	33.1	370.7
45,0°	61.8	57.7	53.8	55.1	55.1	52.2	49.6	47.3	42.8	42.2	41.2	35.7	406.4
47,5°	65.4	62.5	57.3	50.2	48.0	45.4	42.5	39.0	37.4	38.3	37.4	37.0	443.4
50,0°	65.4	64.1	59.6	51.2	44.4	38.7	34.8	33.5	31.9	30.9	32.2	37.8	481.2
52,5°	62.8	62.8	60.6	53.1	44.4	37.0	30.9	27.1	26.1	25.8	26.4	38.0	519.2
55,0°	58.3	58.3	56.7	50.9	43.2	35.8	29.6	26.1	23.8	22.2	22.5	38.2	557.4
57,5°	54.4	53.1	51.9	46.7	40.3	34.1	28.7	25.4	22.5	20.9	20.6	39.4	596.8
60,0°	52.5	49.3	47.7	42.8	36.7	30.9	26.7	23.8	21.9	20.3	20.6	41.8	638.6
62,5°	50.9	46.4	43.5	38.7	32.9	28.7	24.5	22.5	20.9	19.6	20.0	43.7	682.3
65,0°	49.3	43.2	38.7	34.5	30.0	26.1	22.9	20.6	19.3	18.4	18.7	43.5	725.8
67,5°	45.1	40.3	35.4	30.9	26.4	23.5	20.9	19.3	17.7	17.1	17.4	42.0	767.8
70,0°	39.9	35.8	31.2	27.1	24.2	21.6	19.3	18.0	16.7	15.8	16.1	42.8	810.5
72,5°	36.1	33.5	29.0	24.2	21.6	19.3	17.7	16.4	15.1	14.2	14.2	41.7	852.2
75,0°	31.6	29.0	25.4	22.2	19.6	17.7	16.1	14.8	13.9	12.6	12.9	35.4	887.6
77,5°	29.3	26.1	23.2	20.3	17.7	15.5	13.9	12.9	11.9	11.0	11.0	27.0	914.5
80,0°	25.4	22.5	20.0	18.0	16.1	14.2	12.6	11.0	10.0	9.0	9.0	19.9	934.4
82,5°	22.5	19.6	16.4	15.1	14.2	12.9	11.6	9.7	8.7	7.7	7.7	12.5	947.0
85,0°	20.3	16.4	13.9	12.2	11.9	11.0	9.7	8.4	7.7	6.8	7.1	7.8	954.8
87,5°	17.1	13.9	11.3	10.0	9.3	9.0	7.7	7.1	6.4	5.8	6.4	5.3	960.1
90,0°	10.0	9.0	7.7	7.1	6.4	6.1	5.5	5.2	5.2	4.5	4.5	3.3	963.4
92,5°	7.7	7.1	6.4	6.4	5.8	5.2	4.5	4.5	4.5	3.9	4.5	3.1	966.4
95,0°	7.7	7.1	6.4	5.8	5.8	5.2	5.2	4.5	4.5	3.9	4.5	3.0	969.4
97,5°	7.4	7.1	6.4	5.8	5.8	5.2	4.8	4.5	4.5	4.5	3.9	2.9	972.3
100,0°	7.1	6.8	6.4	5.8	5.5	5.2	4.5	4.5	4.5	4.5	4.5	2.7	975.0
102,5°	7.1	6.4	5.8	5.8	5.2	5.2	4.5	4.5	4.2	3.9	3.9	2.6	977.5
105,0°	6.8	6.4	5.8	5.5	5.2	4.8	4.5	4.5	4.5	3.9	3.9	2.5	980.0
107,5°	6.4	6.4	5.8	5.5	5.2	4.8	4.5	4.5	4.2	3.9	3.9	2.4	982.4
110,0°	6.4	6.1	5.8	5.5	5.2	4.8	4.5	4.5	4.5	3.9	3.2	2.3	984.7
112,5°	6.4	6.4	5.8	5.5	5.2	5.2	4.5	4.5	4.5	3.9	2.6	2.2	986.9

## Photometric test report

Family <b>LANTERN LED</b>	Order number: <b>5XA5255BF14H</b> EAN: <b>4058352833421</b>	LP number <b>57122_31</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°	9.3	9.7	10.0	10.3	10.3	11.0	11.0	11.0	11.3	11.3	11.6	11.6	11.6
117,5°	9.3	9.7	9.7	10.3	10.3	10.6	11.0	11.0	11.0	11.0	11.3	11.6	11.6
120,0°	9.0	9.0	9.3	9.7	10.0	10.3	10.3	10.3	10.6	11.0	11.0	11.0	11.0
122,5°	8.1	8.4	8.7	9.0	9.0	9.3	9.7	9.7	9.7	10.0	10.3	10.3	10.3
125,0°	6.8	6.8	7.1	7.4	7.4	7.7	7.7	7.7	8.1	8.1	8.4	8.4	8.4
127,5°	4.8	5.2	5.2	5.2	5.5	5.5	5.5	5.8	5.8	5.8	5.8	5.8	5.8
130,0°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
132,5°	3.2	3.2	3.2	3.2	3.5	3.5	3.2	3.5	3.5	3.2	3.2	3.5	3.5
135,0°	2.9	2.9	2.9	3.2	3.2	3.2	2.9	3.2	3.2	2.9	3.2	2.9	3.2
137,5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
140,0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
142,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	1.3
145,0°	1.3	1.0	1.3	1.0	0.6	1.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	1.3	0.6	1.0	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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 LED</b>	<b>Order number: 5XA5255BF14H</b> <b>EAN: 4058352833421</b>	<b>LP number</b> <b>57122_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°
$\gamma$	Luminous intensity in cd/klm												
115,0°	11.9	11.9	12.2	12.2	10.0	4.5	9.0	8.7	8.4	8.1	7.7	7.4	7.1
117,5°	11.6	11.6	11.6	11.6	8.7	4.5	9.0	8.4	8.4	7.7	7.7	7.1	6.8
120,0°	11.3	11.6	11.6	11.6	7.7	3.9	8.4	8.1	7.7	7.4	7.1	6.8	6.4
122,5°	10.3	11.0	10.6	11.0	6.8	3.2	7.7	7.4	7.4	6.8	6.4	6.4	5.8
125,0°	8.4	8.7	8.7	8.4	5.5	2.6	6.4	6.1	6.1	5.8	5.5	5.2	5.2
127,5°	5.8	6.1	6.4	5.8	3.9	2.6	4.8	4.5	4.5	4.5	4.2	3.9	3.9
130,0°	3.9	3.9	3.9	3.9	2.6	1.9	3.9	3.9	3.5	3.2	3.2	3.2	3.2
132,5°	3.5	3.9	3.5	3.2	2.3	1.9	3.2	3.2	3.2	3.2	3.2	2.9	2.6
135,0°	3.2	3.2	3.2	2.6	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6
137,5°	2.6	2.6	2.6	1.9	1.6	1.3	2.6	2.6	2.6	2.3	2.3	1.9	1.9
140,0°	1.9	1.9	1.9	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.6	1.9	1.6
142,5°	1.3	1.3	1.3	1.3	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.0	0.6	1.3	1.0	1.3	1.3	1.3
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°	6.4	6.4	5.8	5.5	5.2	4.8	4.5	4.5	4.5	3.2	2.6	2.1	989.0
117,5°	6.4	5.8	5.8	5.2	5.2	4.5	4.5	4.5	3.9	3.2	1.9	2.0	991.1
120,0°	6.1	5.8	5.5	5.2	4.8	4.5	4.5	4.2	3.9	2.6	1.9	1.9	993.0
122,5°	5.8	5.2	5.2	4.5	4.5	4.5	3.9	3.9	3.9	2.6	1.9	1.7	994.7
125,0°	4.8	4.5	4.2	3.9	3.9	3.5	3.2	3.2	2.9	2.3	1.9	1.4	996.0
127,5°	3.5	3.5	3.2	3.2	3.2	2.9	2.6	2.6	2.3	1.9	1.9	1.0	997.0
130,0°	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.9	1.9	1.9	0.7	997.7
132,5°	2.6	2.6	2.6	2.6	2.6	2.6	2.3	1.9	1.9	1.3	1.9	0.6	998.3
135,0°	2.6	2.6	2.3	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.3	0.5	998.8
137,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.3	1.3	1.3	1.3	0.4	999.2
140,0°	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	999.5
142,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.7
145,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.9
147,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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 <b>LANTERN LED</b>	Order number: <b>5XA5255BF14H</b> EAN: <b>4058352833421</b>	LP number <b>57122_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	1510	12.9	13.3	13.1
95	241	252	1433	12.2	12.6	12.4
90	229	250	1361	11.5	11.9	11.7
85	216	248	1284	10.7	11.1	10.9
80	203	246	1207	10.1	10.5	10.3
75	190	243	1130	9.4	9.8	9.6
70	178	241	1058	8.9	9.1	9.0
65	165	238	981	8.2	8.4	8.3
60	152	235	904	7.6	7.8	7.7
55	140	232	832	7.0	7.2	7.1
50	127	229	755	6.4	6.6	6.5
45	114	225	678	5.8	6.0	5.9
40	102	221	606	5.3	5.4	5.4
35	89	216	529	4.8	4.9	4.8
30	76	210	452	4.3	4.3	4.3
25	63	203	375	3.7	3.8	3.8
24	60	201	357	3.5	3.7	3.6