

## Photometric test report

Family  
**LANTERN LED**

Order number: **5XA5255MF14HP**  
EAN: **4058352833582**

LP number  
**58714\_22**



**Version** post-top- or mounting to wall arm  
**Optic** asymmetric, wide distribution (ST1.2a)  
**Cover** cover transparent, PMMA  
**Lamps** LED 2700 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 4240 lm  
Power consumption = 33.6 W  
Luminous efficacy = 126.2 lm/W

serial  
documentation  
04.11.2022

siteco

Luminous intensity in cd/klm

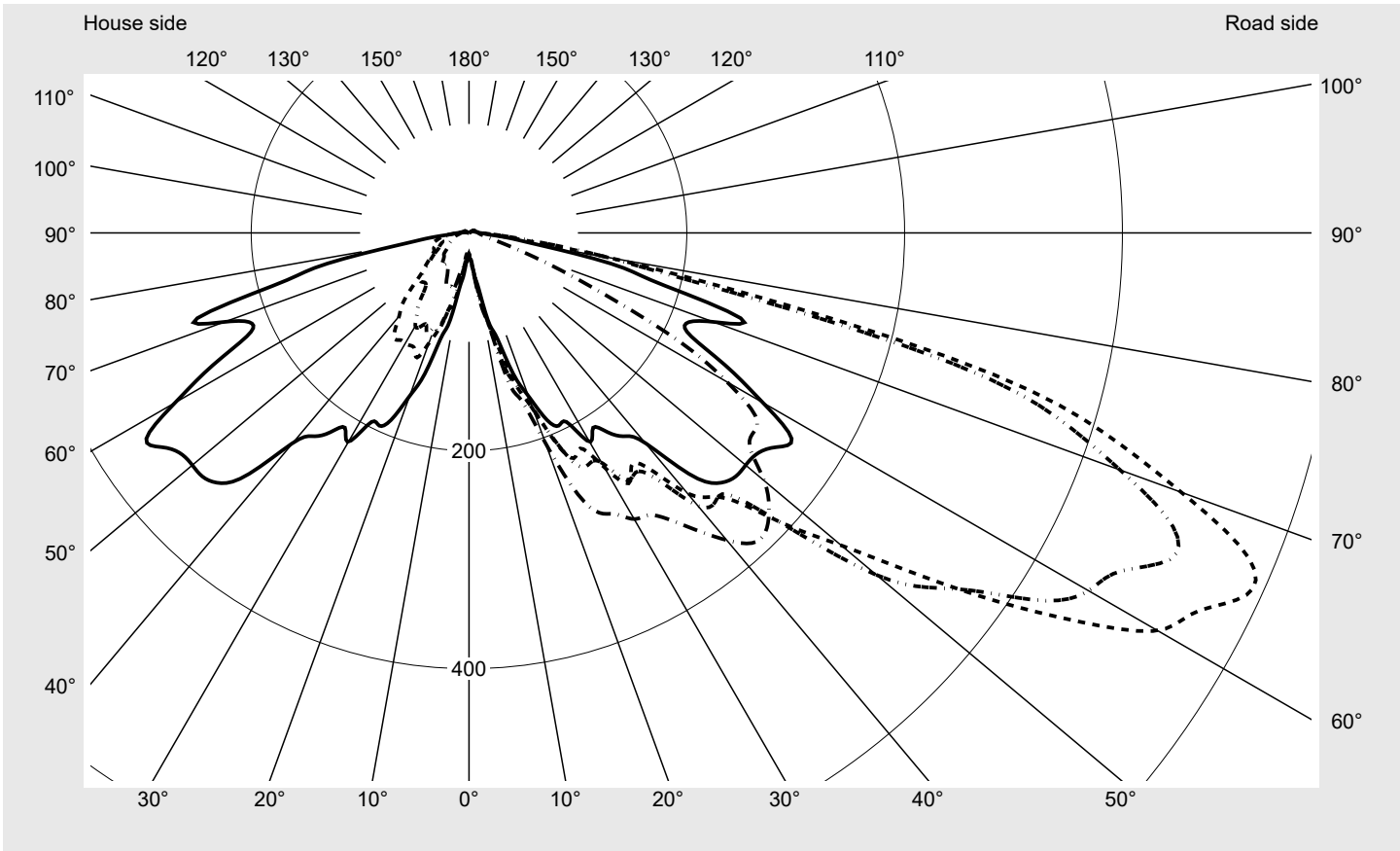
C180-0

C205-25

C210-30

C270-90

Imax: 787 cd/klm



**Luminaire output ratios**

Eta	100.0%
Eta 0° - 90°	98.0%
Eta 90° - 180°	2.0%

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

Class:	G2
Imax 70°	696.0
Imax 80°	140.1
Imax 90°	10.7
Imax >90°	9.6
Imax >95°	7.3

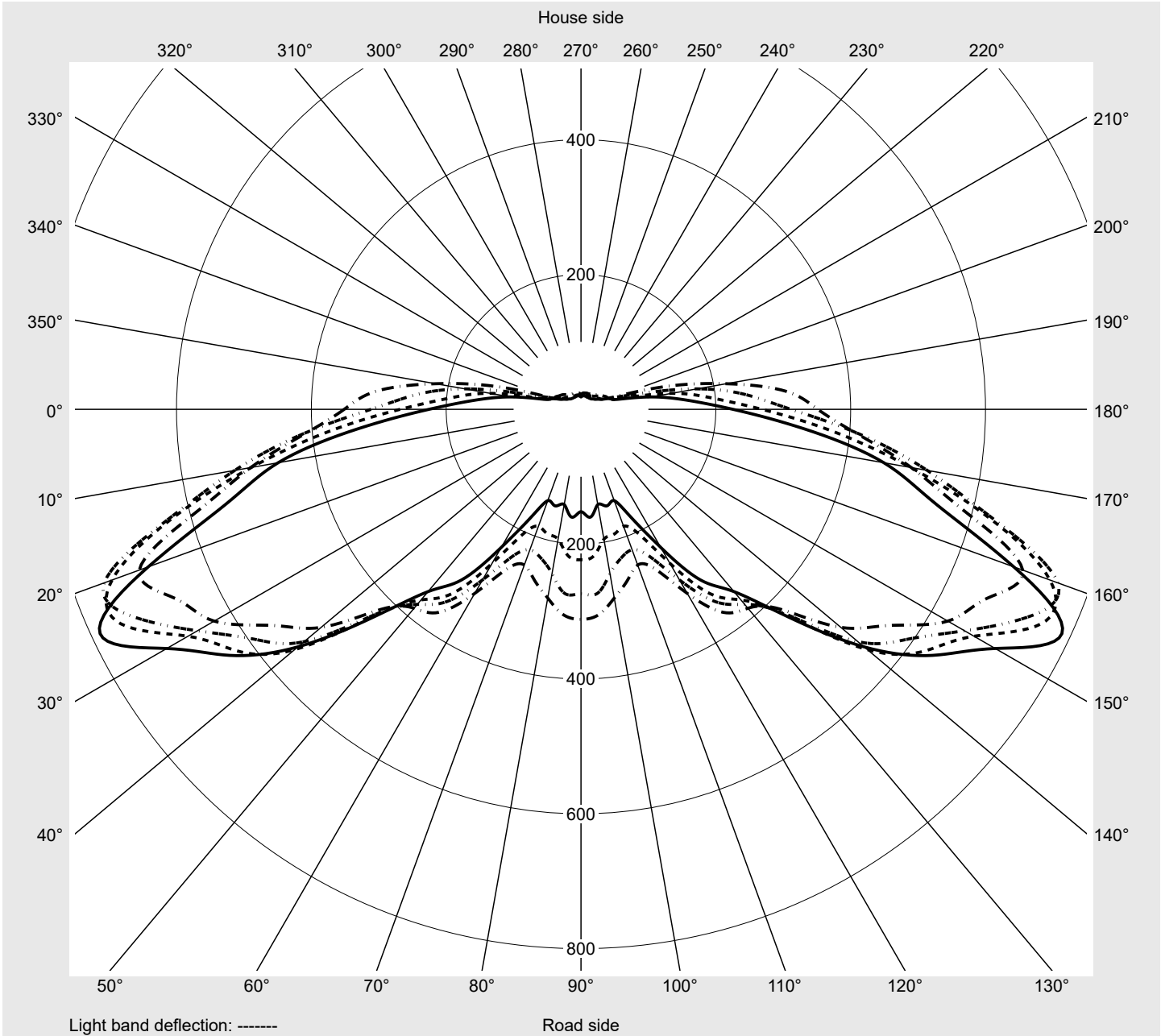
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>LANTERN LED</b>	<b>Order number: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP number</b> <b>58714_22</b>
-------------------------------------	-----------------------------------------------------------------	-------------------------------------

**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**



## Photometric test report

<b>Family</b> <b>LANTERN LED</b>	<b>Order number: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP number</b> <b>58714_22</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°
γ	Luminous intensity in cd/klm												
0,0°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
2,5°	24.9	23.9	24.4	23.7	24.1	23.5	24.1	23.9	24.6	24.6	25.1	24.7	25.2
5,0°	25.9	27.5	28.8	29.3	30.7	30.0	30.7	29.9	29.7	29.0	30.0	29.3	30.5
7,5°	40.6	40.1	42.1	40.6	40.6	40.8	40.9	40.9	41.5	40.9	42.0	39.9	44.9
10,0°	53.2	50.2	55.1	58.0	61.8	63.0	69.1	66.0	71.7	69.9	69.9	67.6	67.9
12,5°	84.8	90.8	101.3	95.5	100.0	89.4	89.1	88.9	91.1	94.2	97.4	93.7	100.1
15,0°	100.1	116.9	123.7	122.0	113.1	115.5	129.5	133.8	130.7	130.7	130.7	118.4	118.9
17,5°	136.5	134.9	144.7	140.4	150.1	149.8	146.9	137.3	143.1	162.2	163.1	149.8	154.6
20,0°	159.2	167.7	178.3	175.9	174.9	171.6	173.0	165.8	168.6	175.7	190.7	178.4	185.1
22,5°	184.9	198.2	205.4	203.9	211.9	208.5	206.6	193.8	190.7	186.6	198.2	209.7	213.1
25,0°	195.2	196.5	201.6	212.2	214.1	228.1	235.4	231.3	234.4	215.3	204.9	208.5	219.2
27,5°	196.5	202.5	216.7	216.3	216.7	223.0	239.0	248.9	263.9	245.0	221.4	210.7	229.6
30,0°	221.4	230.0	233.7	238.7	244.6	248.2	243.4	248.7	277.4	281.5	257.3	225.2	240.7
32,5°	212.1	230.8	245.7	254.7	264.1	272.6	268.5	259.8	276.0	290.4	276.2	246.9	257.8
35,0°	224.0	229.5	238.0	250.8	250.6	260.3	267.8	266.0	274.5	285.1	298.9	285.8	283.2
37,5°	235.3	232.2	223.7	244.1	251.8	273.8	286.3	292.6	308.4	313.1	313.2	319.9	317.7
40,0°	251.6	255.6	264.8	264.6	294.3	312.0	326.9	314.8	329.6	339.2	319.9	329.8	338.3
42,5°	301.3	302.1	317.8	307.8	324.0	328.7	334.7	337.4	332.2	352.8	336.9	324.5	345.0
45,0°	324.7	330.8	360.5	358.1	366.8	349.9	340.7	334.7	349.9	361.7	356.2	340.9	357.4
47,5°	331.5	351.9	410.6	409.1	417.6	397.8	403.8	374.3	377.2	359.6	349.2	347.7	348.9
50,0°	331.6	369.4	450.6	441.3	479.7	446.3	488.6	457.6	420.0	386.8	371.2	342.6	334.5
52,5°	333.2	372.4	460.5	477.5	542.5	511.1	534.8	507.0	454.7	409.4	390.0	353.3	318.5
55,0°	343.1	386.2	464.9	526.6	619.3	587.9	574.2	531.6	476.7	416.3	390.0	361.0	314.1
57,5°	351.3	410.1	497.5	591.8	697.2	664.0	628.3	558.9	503.3	419.7	385.2	367.6	315.3
60,0°	311.5	413.0	521.5	636.0	752.5	730.0	657.0	593.9	536.2	429.4	377.7	348.5	292.2
62,5°	268.4	375.2	496.6	629.3	740.2	753.0	673.2	624.2	554.6	432.6	369.0	333.9	263.7
65,0°	225.5	332.5	456.2	546.3	683.1	787.2	709.5	636.3	548.1	436.2	353.0	309.0	236.5
67,5°	216.3	327.0	442.0	500.5	642.7	773.3	698.1	593.5	536.9	412.7	326.4	282.0	205.7
70,0°	238.7	337.4	431.3	497.8	592.2	696.0	636.3	550.2	463.7	376.7	291.6	250.8	169.7
72,5°	262.7	360.0	404.3	484.0	575.6	612.5	568.1	481.9	366.8	306.2	233.7	203.5	137.2
75,0°	184.1	298.4	330.1	390.0	472.4	491.7	452.4	348.2	243.6	213.8	196.9	182.7	127.6
77,5°	140.2	207.8	216.2	262.2	276.9	275.0	230.1	181.7	147.4	136.0	142.1	144.7	100.8
80,0°	70.8	92.1	109.4	140.1	118.1	130.2	128.6	120.6	98.6	77.3	55.8	73.5	42.0
82,5°	39.8	45.0	48.3	67.7	48.5	50.5	64.8	82.9	62.6	46.7	28.5	21.2	13.8
85,0°	19.3	22.5	20.8	25.4	18.6	25.9	32.1	40.1	24.1	20.6	13.8	12.6	11.1
87,5°	14.0	14.3	13.6	15.0	14.5	17.1	17.2	16.5	14.3	13.5	10.9	10.6	9.7
90,0°	10.1	10.4	10.4	10.7	10.4	10.6	9.9	9.9	9.6	9.6	9.0	9.0	8.5
92,5°	8.9	9.2	9.0	9.6	9.2	9.4	8.9	8.9	8.5	8.5	8.2	8.2	8.2
95,0°	7.5	7.8	7.8	8.2	8.2	8.2	8.0	8.0	7.7	7.7	7.5	7.7	7.5
97,5°	6.5	6.8	6.8	7.0	7.2	7.3	7.0	7.2	7.2	7.2	6.8	7.2	7.0
100,0°	5.8	5.8	5.8	6.1	6.1	6.1	6.1	6.3	6.1	6.5	6.3	6.5	6.5
102,5°	5.1	5.1	5.1	5.5	5.5	5.5	5.6	5.8	5.8	5.8	5.8	5.8	6.0
105,0°	4.8	4.8	4.8	4.9	5.1	5.3	5.3	5.5	5.5	5.5	5.5	5.8	5.8
107,5°	4.6	4.8	4.8	4.8	4.9	5.1	5.1	5.3	5.3	5.5	5.5	5.5	5.6
110,0°	4.6	4.6	4.8	4.8	4.9	4.9	5.3	5.3	5.3	5.3	5.5	5.5	5.5
112,5°	4.4	4.6	4.6	4.6	4.9	4.9	5.1	5.3	5.3	5.3	5.5	5.3	5.5

## Photometric test report

<b>Family</b> <b>LANTERN LED</b>	<b>Order number: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP number</b> <b>58714_22</b>
<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°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
2,5°	24.7	25.2	24.6	24.9	24.6	24.9	24.9	24.4	24.2	22.9	22.7	21.2	21.0
5,0°	30.4	31.2	30.2	31.2	29.9	31.0	25.1	24.1	23.4	22.7	22.2	21.7	21.3
7,5°	44.4	45.9	41.5	43.2	44.5	45.7	40.3	34.0	35.1	30.9	33.1	28.1	30.7
10,0°	63.3	63.1	60.7	65.5	66.0	71.7	55.6	58.5	55.4	56.8	47.1	42.1	38.0
12,5°	91.8	97.1	90.6	94.5	91.4	92.1	73.7	76.4	72.0	73.9	67.9	59.0	63.3
15,0°	115.5	121.8	115.8	132.6	125.7	143.6	98.1	87.3	83.3	75.1	73.0	73.9	71.0
17,5°	154.6	167.5	174.4	163.9	151.8	161.7	126.1	121.8	109.0	106.1	92.6	94.0	81.5
20,0°	179.1	189.0	190.7	200.3	198.1	205.4	147.6	130.9	130.5	118.4	107.6	91.4	88.5
22,5°	214.4	220.9	227.9	245.5	246.0	257.9	171.5	166.8	149.6	133.2	123.7	100.0	84.4
25,0°	232.7	244.0	258.6	279.8	284.0	283.5	176.7	170.1	156.6	145.2	118.1	93.0	77.8
27,5°	248.4	257.1	274.5	293.8	292.2	291.0	191.8	173.3	139.9	126.8	116.5	97.2	79.3
30,0°	263.7	273.1	287.3	300.3	300.3	303.3	193.3	167.4	140.4	130.9	117.0	98.6	72.5
32,5°	279.4	298.6	304.2	307.6	305.5	307.1	190.2	167.5	155.9	137.5	116.7	89.1	59.7
35,0°	295.5	312.7	317.5	318.9	317.1	321.4	225.7	194.1	169.1	148.9	118.9	81.2	54.6
37,5°	305.2	322.8	327.0	338.0	340.7	344.3	232.4	211.9	171.8	151.2	111.4	68.2	52.2
40,0°	322.3	336.1	344.4	357.2	363.0	368.2	245.2	206.4	170.6	138.5	99.8	61.6	52.5
42,5°	345.8	351.8	358.3	370.5	379.2	385.9	291.4	237.0	185.8	147.7	92.0	61.4	56.6
45,0°	365.4	354.0	365.8	377.2	385.7	385.9	321.8	260.3	196.2	149.6	80.0	62.8	58.0
47,5°	357.1	345.0	363.5	369.7	375.2	373.6	328.9	267.0	202.8	133.1	66.0	59.7	54.4
50,0°	334.9	320.7	341.2	347.3	356.7	353.8	325.3	262.6	198.9	107.1	56.1	53.9	49.5
52,5°	301.1	291.0	317.5	323.6	329.8	325.5	322.9	254.4	192.3	85.5	50.8	48.3	44.7
55,0°	279.1	264.8	290.9	303.0	315.8	319.0	325.3	246.2	172.6	66.7	46.1	43.2	39.9
57,5°	261.7	245.8	263.7	284.2	305.5	311.5	305.7	218.9	131.9	56.3	42.3	39.2	36.5
60,0°	240.7	221.8	228.8	247.5	274.3	273.6	246.7	174.9	89.9	51.9	38.7	35.5	33.3
62,5°	204.6	184.6	191.4	195.7	218.2	223.1	194.5	136.5	62.4	46.6	36.2	31.9	29.5
65,0°	177.9	144.2	148.3	143.5	160.5	151.8	157.1	105.9	57.8	46.2	35.5	30.0	25.9
67,5°	144.5	106.5	103.4	99.1	106.6	97.9	149.4	91.1	65.5	49.5	34.6	28.5	23.5
70,0°	118.9	81.0	63.6	58.5	64.8	60.1	163.3	95.4	68.2	48.1	32.2	26.4	21.2
72,5°	91.6	63.1	40.6	35.0	35.8	34.8	152.9	92.1	62.6	41.6	32.4	25.4	20.3
75,0°	70.3	36.2	28.7	23.5	23.5	22.2	95.2	66.4	53.4	37.0	33.3	25.8	20.8
77,5°	48.8	22.5	20.5	17.2	17.2	16.4	69.8	51.7	45.2	35.8	30.2	25.8	21.5
80,0°	20.6	14.2	14.0	13.3	13.6	13.3	49.5	43.0	38.0	33.6	27.3	24.4	20.5
82,5°	12.3	10.9	10.9	10.9	11.1	10.9	29.5	29.9	27.8	24.6	22.9	20.8	17.7
85,0°	10.2	9.9	9.9	9.9	9.9	9.9	18.4	20.6	22.2	22.7	19.6	17.9	15.5
87,5°	9.2	9.2	9.2	9.0	9.2	8.9	14.0	15.4	14.8	15.5	13.5	13.6	12.3
90,0°	8.5	8.5	8.5	8.5	8.5	8.5	10.1	9.9	9.6	9.6	9.4	9.0	9.0
92,5°	8.2	7.8	8.2	8.2	8.2	8.2	8.5	8.7	8.2	8.2	7.8	8.0	7.7
95,0°	7.5	7.5	7.7	7.7	7.8	7.8	7.3	7.2	6.8	6.8	6.5	6.5	6.3
97,5°	7.2	6.8	7.2	7.2	7.2	7.2	6.3	6.3	6.1	5.8	5.6	5.5	5.3
100,0°	6.5	6.5	6.5	6.5	6.5	6.5	5.5	5.5	5.1	5.1	4.8	4.8	4.6
102,5°	6.1	6.0	6.1	6.0	6.1	6.1	5.1	4.8	4.8	4.8	4.4	4.4	4.1
105,0°	5.8	5.8	5.8	5.8	5.8	5.8	4.8	4.8	4.4	4.4	4.3	4.1	3.9
107,5°	5.5	5.6	5.5	5.5	5.6	5.8	4.6	4.4	4.4	4.1	4.1	3.9	3.8
110,0°	5.5	5.5	5.5	5.6	5.5	5.5	4.4	4.4	4.3	4.1	4.1	3.9	3.8
112,5°	5.5	5.5	5.5	5.5	5.5	5.5	4.4	4.4	4.1	4.1	3.9	3.8	3.4

## Photometric test report

<b>Family</b> <b>LANTERN LED</b>	<b>Order number: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP number</b> <b>58714_22</b>
<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°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	0.0	0.0
2,5°	20.6	20.5	20.5	20.3	20.3	20.5	20.5	20.5	20.5	20.3	20.5	0.3	0.3
5,0°	20.8	20.5	20.3	20.1	20.1	20.1	20.1	20.0	20.0	20.0	20.1	0.6	0.9
7,5°	27.0	27.8	24.4	25.1	23.5	23.0	21.8	22.9	21.8	22.0	21.8	1.3	2.2
10,0°	35.7	35.8	36.2	35.0	34.5	30.7	32.6	33.3	33.4	38.2	34.5	2.5	4.7
12,5°	61.9	57.5	50.8	50.3	46.6	50.2	48.6	47.3	41.8	39.1	37.2	4.5	9.2
15,0°	72.2	61.2	59.9	59.0	56.6	53.4	43.5	45.2	51.5	53.7	53.2	6.7	15.9
17,5°	75.4	70.5	61.9	59.2	56.8	55.8	55.8	52.2	53.4	52.9	52.2	9.5	25.4
20,0°	78.5	65.5	58.9	56.0	56.1	55.3	51.7	48.6	50.7	49.3	52.9	12.3	37.7
22,5°	67.7	54.3	52.4	51.0	51.4	51.2	51.0	47.9	49.1	52.9	53.2	15.7	53.4
25,0°	63.5	51.7	49.5	48.5	47.9	48.8	50.3	47.3	46.7	49.0	49.1	18.4	71.8
27,5°	61.9	51.0	48.8	47.8	46.4	45.6	46.2	44.0	43.0	43.2	43.0	20.6	92.4
30,0°	58.5	52.0	49.1	48.8	45.4	44.2	44.0	40.9	39.1	39.6	38.9	23.5	115.9
32,5°	49.0	48.8	48.8	49.1	47.3	45.0	42.3	39.8	36.3	36.3	35.5	26.1	142.0
35,0°	49.8	47.8	47.9	47.3	45.7	43.7	41.6	39.9	36.2	36.0	34.5	28.8	170.7
37,5°	50.2	47.3	44.7	43.7	44.9	42.7	42.0	40.8	37.7	38.4	36.5	31.8	202.6
40,0°	50.0	46.9	43.7	41.5	39.9	39.2	40.1	39.6	38.9	40.3	39.2	35.5	238.1
42,5°	50.7	46.7	43.8	41.5	39.9	38.4	37.5	36.9	36.5	37.0	35.8	39.8	278.0
45,0°	52.4	47.1	43.3	40.8	39.2	37.7	36.7	35.8	34.1	34.0	32.8	43.7	321.7
47,5°	50.2	45.0	41.5	38.7	37.5	36.0	35.5	34.3	32.8	32.2	31.0	47.1	368.8
50,0°	46.1	42.0	38.6	35.8	34.8	33.3	32.9	32.1	31.2	30.4	30.0	50.3	419.1
52,5°	41.5	37.5	35.0	32.6	31.7	30.7	30.4	29.5	28.8	27.6	27.0	52.7	471.8
55,0°	37.2	33.6	31.2	29.0	28.7	27.8	27.8	27.0	26.4	25.4	24.2	55.2	527.0
57,5°	34.0	30.7	28.5	26.4	26.1	25.6	25.6	25.1	24.7	23.9	22.5	57.9	584.9
60,0°	30.7	27.5	25.8	24.2	24.2	23.7	23.9	23.5	23.2	22.5	21.2	58.6	643.5
62,5°	27.5	24.4	23.2	22.3	22.2	22.0	22.2	22.0	21.8	21.2	20.1	56.7	700.2
65,0°	23.9	21.8	21.0	20.5	20.5	20.1	20.6	20.5	20.5	19.6	18.4	53.7	754.0
67,5°	21.5	19.8	19.3	18.8	18.9	18.6	19.1	18.9	18.9	18.6	17.1	50.7	804.7
70,0°	19.8	18.3	17.7	17.2	17.4	17.2	17.6	17.6	17.7	17.2	16.0	47.2	851.8
72,5°	18.4	17.2	16.5	16.0	16.2	16.2	16.5	16.5	16.4	16.2	14.7	42.7	894.5
75,0°	18.1	16.2	15.4	14.8	15.2	15.0	15.2	15.2	15.4	15.0	13.6	34.0	928.5
77,5°	17.9	15.7	14.3	13.8	13.8	13.8	13.8	13.8	14.0	13.6	12.6	22.5	951.0
80,0°	17.7	15.2	13.6	13.0	12.8	12.5	12.5	12.1	12.5	12.1	10.9	12.9	963.9
82,5°	16.2	14.0	12.8	11.8	11.6	11.1	11.3	11.1	10.9	10.6	9.6	7.4	971.3
85,0°	14.0	12.5	11.6	10.7	10.6	10.4	10.4	10.1	10.2	9.9	8.5	4.5	975.8
87,5°	12.3	10.7	10.4	9.7	9.7	9.6	9.6	9.4	9.6	9.2	7.8	3.3	979.1
90,0°	9.0	9.0	8.9	8.7	8.7	8.7	8.7	8.7	8.5	8.5	7.2	2.5	981.6
92,5°	7.7	7.3	7.7	7.2	7.5	7.2	7.5	7.2	7.2	6.8	6.1	2.2	983.9
95,0°	6.1	6.0	6.0	5.8	5.8	5.6	5.8	5.5	5.8	5.3	4.8	1.9	985.8
97,5°	5.3	5.1	5.1	4.8	4.8	4.6	4.8	4.6	4.4	4.3	4.1	1.7	987.4
100,0°	4.4	4.4	4.3	4.1	4.1	3.9	3.9	3.8	3.8	3.8	3.4	1.4	988.9
102,5°	4.1	3.9	3.8	3.8	3.8	3.4	3.4	3.4	3.4	3.4	3.1	1.3	990.2
105,0°	3.8	3.8	3.6	3.4	3.4	3.4	3.4	3.2	3.1	3.1	3.1	1.2	991.4
107,5°	3.8	3.6	3.4	3.4	3.2	3.1	3.1	3.1	3.1	3.1	3.1	1.2	992.6
110,0°	3.6	3.4	3.4	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	1.1	993.7
112,5°	3.4	3.4	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	1.1	994.8

## Photometric test report

Family <b>LANTERN LED</b>	Order number: <b>5XA5255MF14HP</b> EAN: <b>4058352833582</b>	LP number <b>58714_22</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°	4.3	4.6	4.6	4.6	4.8	4.8	4.9	5.1	5.3	5.5	5.5	5.3	5.3
117,5°	4.1	4.3	4.4	4.6	4.6	4.8	4.9	5.1	5.3	5.3	5.3	5.3	5.3
120,0°	3.6	3.9	4.1	4.3	4.1	4.4	4.6	4.9	4.9	4.9	4.9	5.1	4.8
122,5°	2.7	3.2	3.1	3.4	3.4	3.6	3.8	4.1	4.1	4.1	4.1	4.1	3.9
125,0°	1.7	2.2	2.2	2.4	2.4	2.6	2.7	2.9	2.9	3.1	2.7	2.9	2.6
127,5°	1.0	1.4	1.4	1.7	1.5	1.7	1.9	2.2	2.2	2.2	2.0	1.9	1.9
130,0°	1.0	1.2	1.2	1.4	1.4	1.5	1.7	1.9	1.9	1.9	1.7	1.7	1.5
132,5°	0.7	0.9	1.0	1.0	1.2	1.4	1.4	1.5	1.7	1.5	1.5	1.4	1.2
135,0°	0.3	0.7	0.7	0.9	1.0	1.0	1.2	1.5	1.5	1.4	1.5	1.4	1.0
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	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 LED</b>	<b>Order number: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP number</b> <b>58714_22</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°	5.3	5.5	5.5	5.5	5.5	5.5	4.1	4.1	3.9	3.8	3.8	3.4	3.4
117,5°	5.3	5.1	5.1	5.1	5.1	5.1	4.1	3.8	3.8	3.4	3.4	3.4	3.1
120,0°	4.9	4.8	4.8	4.8	4.8	4.8	3.4	3.4	3.1	3.1	3.1	3.1	2.7
122,5°	4.1	3.9	3.9	3.8	3.9	3.8	2.7	2.7	2.4	2.4	2.4	2.4	2.2
125,0°	2.7	2.4	2.6	2.4	2.4	2.4	1.7	1.7	1.7	1.7	1.5	1.5	1.4
127,5°	1.7	1.5	1.5	1.4	1.4	1.4	1.2	1.2	1.0	1.0	1.0	1.0	1.0
130,0°	1.5	1.4	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
132,5°	1.2	1.0	0.9	0.9	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
135,0°	1.0	0.7	0.7	0.5	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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

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°	3.4	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	1.1	995.9
117,5°	3.1	3.1	2.9	2.9	3.1	3.1	3.1	2.9	3.1	3.1	3.1	1.0	996.9
120,0°	2.7	2.6	2.7	2.7	2.7	2.9	2.7	2.9	2.9	3.1	3.1	0.9	997.8
122,5°	2.0	2.0	2.0	2.0	2.2	2.4	2.4	2.6	2.7	2.7	3.1	0.7	998.5
125,0°	1.4	1.4	1.4	1.4	1.7	1.7	1.9	2.0	2.2	2.6	2.7	0.5	999.0
127,5°	1.0	1.0	1.0	1.2	1.4	1.4	1.7	1.9	2.0	2.4	2.4	0.3	999.3
130,0°	0.9	0.9	1.0	1.2	1.2	1.5	1.7	1.9	2.0	2.4	2.4	0.3	999.6
132,5°	0.7	0.7	0.7	0.9	1.2	1.2	1.5	1.9	1.9	2.2	2.4	0.2	999.8
135,0°	0.5	0.5	0.7	0.9	0.9	1.2	1.5	1.7	1.9	2.2	2.4	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 LED</b>	<b>Order number: 5XA5255MF14HP</b> <b>EAN: 4058352833582</b>	<b>LP number</b> <b>58714_22</b>
-------------------------------------	-----------------------------------------------------------------	-------------------------------------

<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
-----------------------------	---------------------------------	---------------

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	4240	33.6	35.9	34.8
95	241	252	4023	31.3	33.5	32.4
90	229	250	3823	29.4	31.4	30.4
85	216	248	3606	27.3	29.2	28.2
80	203	246	3389	25.4	27.1	26.2
75	190	243	3172	23.5	25.1	24.3
70	178	241	2971	21.9	23.3	22.6
65	165	238	2754	20.1	21.4	20.8
60	152	235	2537	18.4	19.5	19.0
55	140	232	2337	16.8	17.9	17.4
50	127	229	2120	15.2	16.2	15.7
45	114	225	1903	13.6	14.5	14.0
40	102	221	1703	12.2	13.0	12.6
35	89	216	1486	10.7	11.3	11.0
30	76	210	1269	9.2	9.7	9.4
25	63	203	1052	7.8	8.2	8.0
20	51	195	851	6.6	6.9	6.8
15	38	184	634	5.2	5.5	5.4
11	28	173	467	4.1	4.4	4.2