

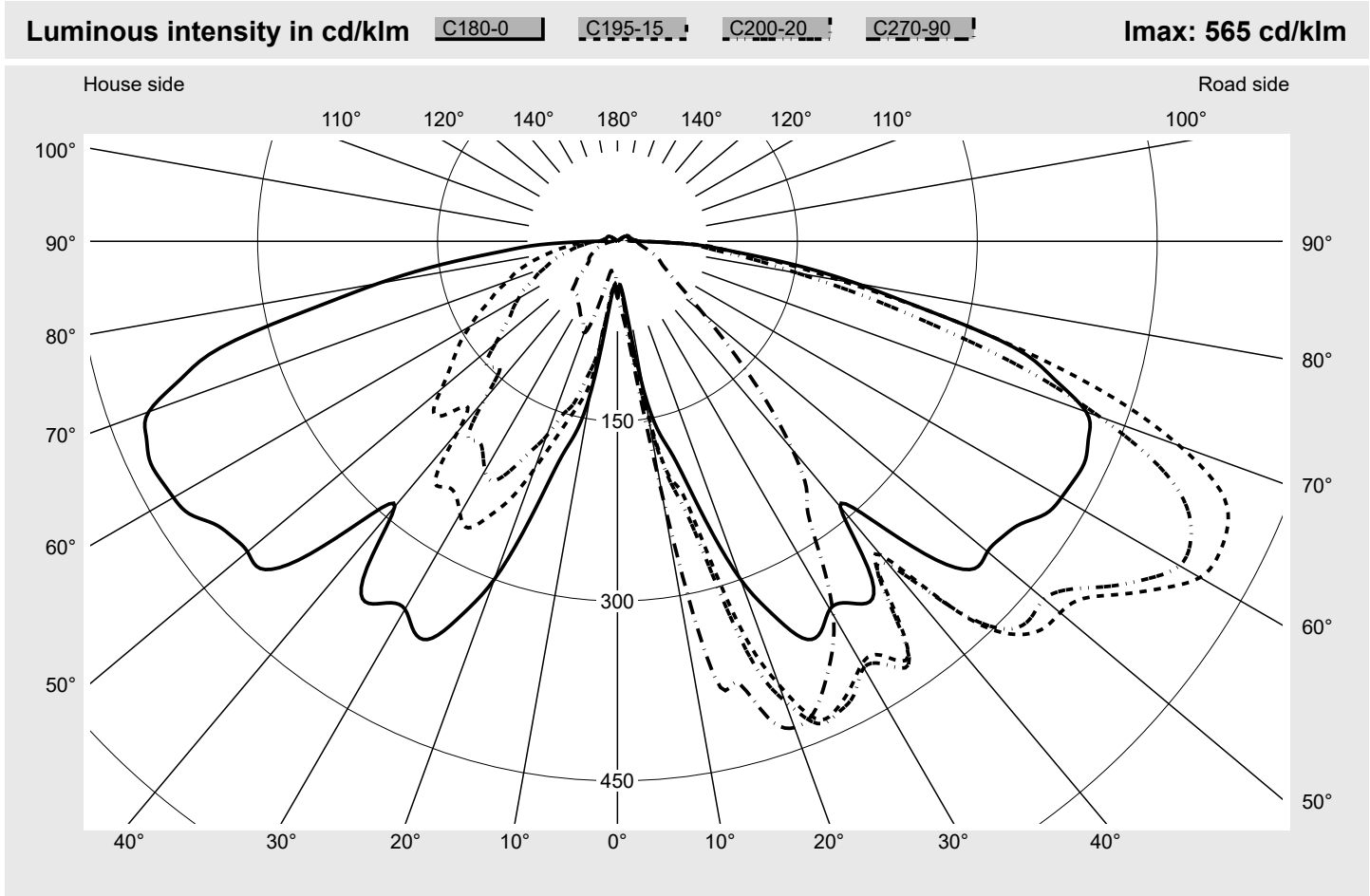
# Photometric test report

<b>Family</b> <b>LANTERN LED</b>	<b>Order number:</b> 5XA5255NF14H + 5XA54000XS <b>EAN:</b> 4058352833612 + 4050737730073	<b>LP number</b> <b>59285_22</b>
	<b>Version</b> post-top- or mounting to wall arm, spreader element, structured <b>Optic</b> asymmetric, extremely wide distribution (P1.0a) <b>Cover</b> cover transparent, PMMA <b>Lamps</b> LED 2700 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 1430 lm Power consumption = 11.8 W Luminous efficacy = 121.2 lm/W	<b>serial documentation</b> <b>04.11.2022</b>









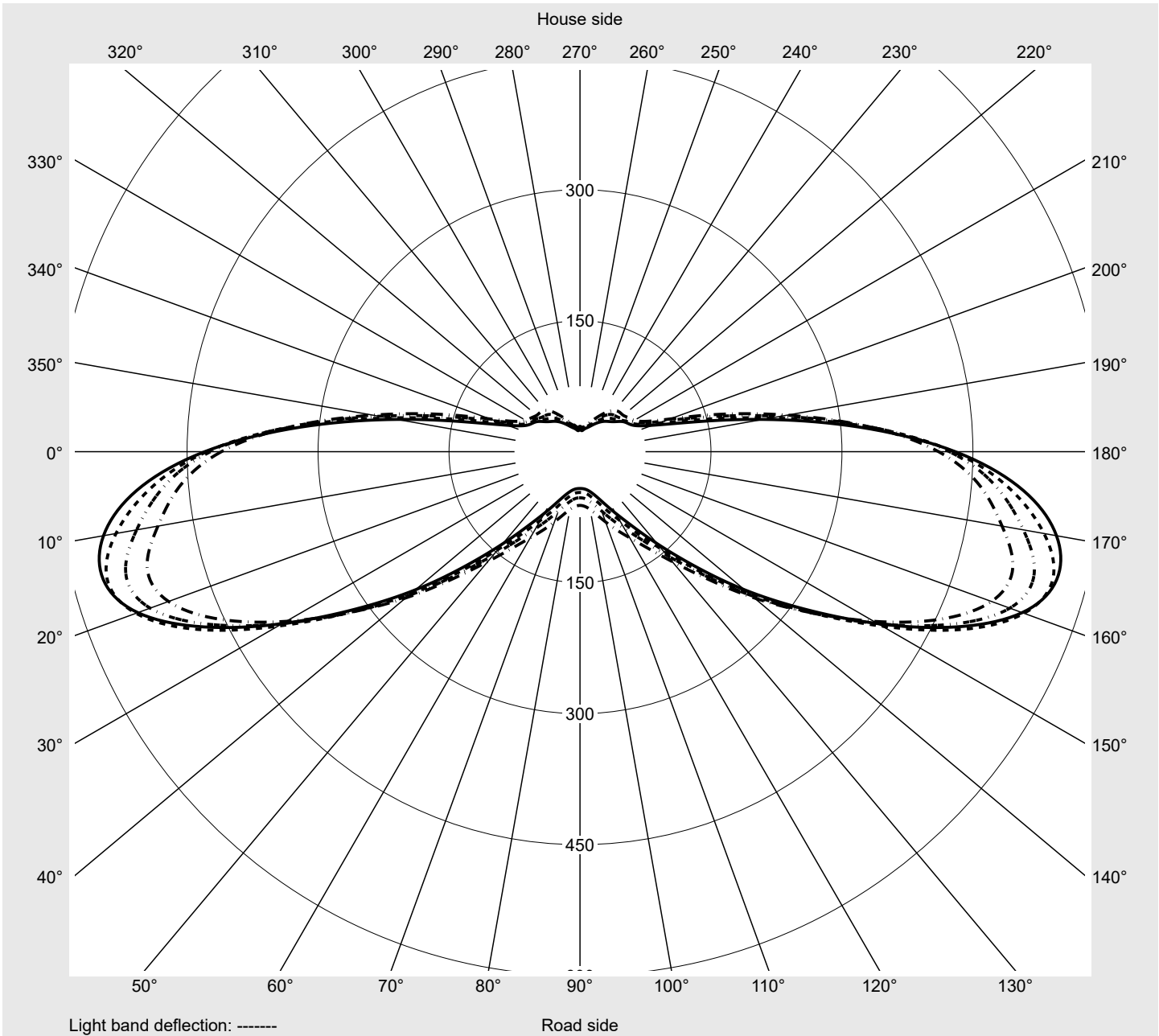
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	96.4%
Eta 90° - 180°	3.6%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	---
Imax 70°	535.8
Imax 80°	224.3
Imax 90°	17.8
Imax >90°	15.1
Imax >95°	14.5

**Photometric test report**

<b>Family</b> <b>LANTERN LED</b>	<b>Order number: 5XA5255NF14H + 5XA54000XS</b> <b>EAN: 4058352833612 + 4050737730073</b>	<b>LP number</b> <b>59285_22</b>
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**Envelope curve in cd/klm**      **KMK 62.5°**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**      **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°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
2,5°	37.0	37.0	37.2	37.6	38.1	39.1	40.6	42.9	45.4	48.0	50.3	51.5	52.6
5,0°	40.4	40.9	41.6	42.2	43.2	45.5	48.4	51.7	55.1	58.8	61.7	63.6	64.9
7,5°	63.3	69.3	74.9	81.3	87.6	94.0	101.5	106.5	107.7	108.7	111.1	110.4	110.8
10,0°	126.9	134.9	141.1	147.4	154.9	161.8	167.8	174.7	183.3	187.2	194.3	197.1	202.7
12,5°	165.5	181.7	194.9	201.8	207.0	212.9	220.2	235.3	248.4	265.8	278.7	299.9	312.4
15,0°	191.6	202.5	213.5	228.7	253.3	281.3	314.1	323.5	335.3	366.5	381.9	386.2	387.3
17,5°	243.8	265.9	300.1	333.0	358.6	384.3	395.1	400.8	406.9	404.2	408.0	412.4	416.2
20,0°	299.9	342.6	366.1	393.5	408.1	413.5	420.2	420.4	425.2	426.3	436.2	436.9	435.1
22,5°	335.9	367.9	402.2	430.6	435.3	433.2	435.6	431.1	436.8	439.3	438.9	438.6	445.5
25,0°	365.1	397.1	426.6	431.1	434.2	438.0	436.4	435.7	437.5	431.1	438.3	432.7	429.6
27,5°	367.2	391.7	411.4	420.4	426.8	424.7	422.9	420.1	415.1	412.7	407.9	406.4	398.6
30,0°	354.3	380.2	398.1	407.3	410.7	409.1	404.8	398.9	390.3	384.8	376.2	365.9	361.3
32,5°	357.6	381.3	396.7	409.3	419.0	418.3	412.0	402.1	385.1	374.4	357.6	342.8	326.5
35,0°	366.9	392.9	415.8	422.6	424.1	413.9	399.6	378.9	357.8	343.1	321.4	304.0	293.5
37,5°	343.1	360.6	370.9	368.9	362.7	356.4	348.6	334.0	323.5	308.1	291.8	276.8	264.8
40,0°	288.9	304.7	322.6	341.6	352.2	355.2	350.0	336.6	313.3	287.3	263.1	241.1	226.3
42,5°	317.1	355.5	394.6	417.2	416.3	405.7	384.0	354.5	320.6	286.8	256.4	227.5	210.4
45,0°	375.8	420.2	449.7	463.2	457.3	432.6	396.0	350.8	308.7	270.7	234.5	206.8	190.4
47,5°	403.9	442.1	469.8	479.4	466.4	431.8	386.8	338.2	291.7	251.0	214.0	187.7	170.1
50,0°	402.7	446.2	472.2	481.9	464.3	430.0	380.2	325.1	274.9	230.7	194.2	168.1	149.4
52,5°	404.7	450.9	476.1	489.4	476.6	435.6	381.8	319.9	265.0	215.6	176.1	148.4	129.8
55,0°	410.7	460.7	490.9	513.2	501.5	454.3	388.5	320.8	260.5	205.8	164.3	134.6	113.9
57,5°	423.2	480.0	515.6	538.6	523.9	467.9	393.7	320.8	256.4	198.8	154.8	122.9	101.5
60,0°	427.5	495.0	539.6	560.9	541.1	481.8	399.6	320.5	253.5	193.9	146.4	113.8	90.8
62,5°	429.8	509.7	554.1	565.3	538.9	474.9	393.8	314.6	246.1	184.7	137.7	103.7	81.3
65,0°	430.6	516.9	559.1	561.4	523.7	454.5	374.0	297.2	233.8	174.2	126.4	93.1	71.0
67,5°	425.3	520.7	564.0	544.5	487.8	410.9	333.5	267.2	212.2	161.2	115.4	83.0	61.9
70,0°	415.9	505.4	535.8	498.7	427.9	350.0	279.3	226.0	184.4	143.6	102.7	72.0	53.0
72,5°	381.6	463.7	480.6	433.2	358.7	285.3	225.5	182.4	152.0	120.0	88.4	62.1	45.5
75,0°	342.6	398.6	399.2	347.7	277.8	217.0	171.6	139.2	116.7	97.2	73.8	52.8	39.1
77,5°	263.0	306.3	303.7	262.9	210.5	164.0	130.0	105.9	88.9	75.5	60.0	44.1	33.3
80,0°	202.5	224.3	219.5	189.7	152.2	120.1	96.6	79.5	66.3	57.0	47.1	36.6	28.5
82,5°	147.4	161.2	156.8	138.7	113.1	89.7	72.7	60.4	50.3	43.7	37.1	30.2	24.6
85,0°	96.8	102.1	101.8	94.4	80.4	65.2	54.7	46.6	39.4	34.2	30.1	25.5	21.8
87,5°	64.2	72.2	74.4	68.8	59.5	49.8	41.9	36.0	30.8	27.0	24.5	22.2	19.9
90,0°	17.8	16.6	17.1	17.3	17.4	17.4	17.3	17.3	17.3	17.2	16.9	16.7	16.3
92,5°	12.8	13.4	13.9	14.2	14.4	14.4	14.5	14.5	14.6	14.7	14.7	14.8	14.9
95,0°	12.2	12.8	13.2	13.5	13.7	13.8	13.8	14.0	14.1	14.3	14.4	14.5	14.6
97,5°	11.6	12.1	12.5	12.7	13.0	13.1	13.3	13.4	13.6	13.8	13.9	14.0	14.1
100,0°	10.9	11.3	11.7	12.0	12.2	12.4	12.6	12.8	13.0	13.1	13.3	13.4	13.5
102,5°	10.2	10.6	11.0	11.2	11.5	11.8	12.0	12.1	12.3	12.5	12.6	12.8	13.0
105,0°	9.8	10.2	10.5	10.8	11.1	11.2	11.5	11.7	11.9	12.1	12.2	12.4	12.6
107,5°	9.5	9.9	10.2	10.5	10.7	11.0	11.2	11.3	11.6	11.8	12.0	12.1	12.3
110,0°	9.3	9.6	10.0	10.3	10.5	10.8	11.0	11.2	11.3	11.6	11.8	12.0	12.1
112,5°	9.2	9.5	9.8	10.1	10.3	10.6	10.8	11.0	11.2	11.4	11.5	11.7	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°
$\gamma$	Luminous intensity in cd/klm												
0,0°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
2,5°	53.8	54.3	54.5	54.7	54.7	54.6	36.7	36.5	36.3	36.0	35.7	35.5	35.4
5,0°	65.8	66.6	67.3	67.7	68.0	68.2	40.1	39.7	39.7	39.6	39.6	38.9	37.7
7,5°	110.6	111.4	108.3	105.9	104.2	104.6	58.5	54.3	52.1	50.0	46.3	44.1	41.7
10,0°	211.9	219.1	220.5	217.5	214.1	214.8	122.1	116.9	107.1	93.8	83.6	72.0	63.5
12,5°	317.1	326.4	337.1	357.8	373.9	370.2	155.6	136.4	134.6	115.4	99.8	92.3	85.4
15,0°	384.9	390.0	392.0	381.6	379.6	380.6	175.7	170.9	151.5	139.7	129.5	116.5	108.4
17,5°	419.7	419.3	420.9	415.0	414.2	416.1	218.7	186.9	173.0	151.5	136.1	120.1	110.3
20,0°	439.9	441.1	443.2	440.9	435.8	431.6	262.9	224.5	201.8	172.6	146.2	124.3	112.0
22,5°	438.4	436.1	432.9	431.0	428.0	426.4	304.5	270.0	232.0	190.0	161.6	134.2	113.1
25,0°	420.6	413.8	410.7	409.9	409.4	408.3	335.5	293.6	252.8	210.7	177.5	145.5	114.7
27,5°	392.8	386.5	383.4	386.2	386.0	387.3	350.5	310.3	269.4	225.3	185.2	150.2	118.6
30,0°	351.1	347.6	351.2	357.1	358.6	359.8	331.1	301.1	262.5	220.9	186.6	148.9	118.6
32,5°	316.0	311.8	313.8	317.3	316.9	318.0	330.3	297.1	251.0	209.0	173.4	140.8	113.8
35,0°	289.3	286.6	283.6	281.0	277.9	277.0	333.3	295.4	249.9	203.3	164.4	126.3	101.8
37,5°	258.8	255.8	254.7	256.6	257.6	258.7	317.4	288.3	249.4	204.5	160.8	121.2	92.4
40,0°	222.4	224.4	226.4	227.1	227.3	226.9	259.7	235.6	206.7	172.6	144.1	114.0	87.7
42,5°	203.5	200.6	198.0	193.3	190.0	189.6	274.7	229.7	186.4	145.1	117.8	100.4	86.4
45,0°	180.9	173.9	166.1	158.0	152.5	150.4	331.3	273.5	205.4	148.7	111.2	93.7	86.0
47,5°	157.8	147.5	137.1	127.3	120.7	117.9	349.0	284.8	207.9	148.1	108.8	90.5	84.3
50,0°	135.6	123.1	111.3	101.2	94.8	92.5	340.7	269.5	191.6	132.8	97.5	82.8	79.1
52,5°	115.0	102.2	90.3	81.1	76.0	74.3	334.9	255.3	176.9	120.2	89.0	76.2	72.6
55,0°	98.6	85.6	75.0	67.2	62.9	61.5	330.9	241.0	165.3	109.4	82.1	71.8	67.8
57,5°	85.4	72.3	62.9	56.9	53.6	52.8	331.3	233.6	154.8	102.8	78.0	69.0	64.7
60,0°	75.0	62.6	54.6	49.4	47.3	46.7	329.6	222.5	142.2	95.2	74.1	66.5	61.8
62,5°	65.4	54.6	48.0	44.3	42.6	42.2	321.9	212.9	130.3	88.6	70.6	64.2	60.0
65,0°	57.2	48.3	43.1	40.6	39.6	39.3	312.2	198.5	117.7	78.4	63.9	59.9	56.4
67,5°	49.5	42.3	38.6	36.9	36.6	36.7	305.5	188.9	108.7	72.2	59.1	55.1	51.2
70,0°	42.7	37.3	34.3	33.3	33.2	33.4	289.5	172.3	97.4	64.2	53.5	50.3	46.3
72,5°	37.0	32.5	30.4	29.2	28.9	28.8	271.3	161.0	90.3	58.4	48.2	44.5	41.6
75,0°	31.7	28.3	26.6	25.8	25.5	25.5	245.8	146.1	80.4	52.2	43.1	40.2	36.5
77,5°	27.3	24.7	23.3	22.7	22.4	22.4	201.0	126.0	69.7	44.4	37.0	34.4	31.8
80,0°	23.9	21.9	21.0	20.5	20.4	20.3	151.2	97.6	58.4	38.4	32.2	30.2	28.1
82,5°	21.4	19.9	19.2	18.8	18.7	18.6	118.7	78.8	48.8	32.7	27.1	25.3	23.1
85,0°	19.7	18.6	18.0	17.7	17.6	17.5	78.5	57.8	38.0	26.8	22.4	20.8	19.0
87,5°	18.6	17.6	17.2	16.9	16.8	16.6	56.7	42.6	31.0	22.4	19.3	17.9	16.2
90,0°	16.0	15.7	15.6	15.6	15.6	15.6	15.0	13.7	12.3	11.1	10.4	9.6	8.9
92,5°	14.9	15.0	15.0	15.0	15.1	15.1	12.1	11.4	10.6	9.8	9.1	8.5	7.8
95,0°	14.7	14.7	14.7	14.8	14.9	14.9	11.6	10.9	10.2	9.5	8.8	8.2	7.7
97,5°	14.2	14.3	14.3	14.4	14.4	14.5	11.0	10.4	9.8	9.2	8.6	8.0	7.4
100,0°	13.6	13.7	13.8	13.8	13.9	13.9	10.4	9.9	9.3	8.7	8.2	7.7	7.2
102,5°	13.0	13.2	13.2	13.3	13.3	13.0	9.7	9.3	8.7	8.3	7.8	7.3	6.8
105,0°	12.8	12.9	13.0	13.0	13.0	12.6	9.4	8.9	8.5	8.0	7.5	7.1	6.7
107,5°	12.5	12.6	12.7	12.7	12.7	12.0	9.1	8.6	8.3	7.8	7.4	6.9	6.5
110,0°	12.2	12.4	12.5	12.5	12.4	11.0	8.9	8.6	8.1	7.7	7.3	6.9	6.5
112,5°	12.1	12.2	12.2	12.3	11.0	6.4	8.8	8.4	8.0	7.7	7.2	6.9	6.5

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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°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	0.1	0.1
2,5°	35.3	35.2	35.1	34.9	34.4	34.0	33.5	32.4	31.2	30.3	29.8	0.5	0.6
5,0°	36.8	36.0	35.1	34.1	32.9	31.8	30.8	29.7	28.9	28.4	28.2	1.1	1.6
7,5°	39.3	37.1	35.3	33.7	32.3	31.1	30.0	28.9	28.0	27.6	27.5	2.5	4.1
10,0°	51.9	40.8	34.8	32.6	31.1	29.8	28.7	27.8	26.9	26.4	26.3	5.8	9.9
12,5°	82.2	76.6	66.4	56.4	48.9	40.2	31.3	28.1	26.4	25.9	25.6	10.3	20.2
15,0°	97.5	90.8	84.6	80.7	76.8	70.2	57.1	47.7	41.5	40.4	40.4	15.1	35.3
17,5°	93.9	85.7	79.6	76.7	72.2	72.6	73.5	71.5	70.7	70.5	68.9	20.4	55.8
20,0°	96.7	87.9	81.3	77.3	74.8	74.2	74.2	71.1	73.8	79.1	81.1	25.3	81.1
22,5°	97.5	86.2	78.8	74.8	74.2	75.2	76.2	72.4	73.3	74.8	74.5	29.4	110.4
25,0°	95.8	82.0	75.3	72.5	74.6	76.1	75.5	69.9	69.2	70.2	70.7	32.6	143.0
27,5°	96.9	81.6	75.1	73.4	74.8	74.1	73.5	70.3	66.1	66.3	67.3	34.6	177.7
30,0°	98.5	86.0	79.6	76.1	74.2	73.3	71.6	67.2	63.2	63.2	63.5	35.6	213.2
32,5°	97.9	87.8	80.1	75.3	75.8	72.9	71.2	65.8	60.9	60.3	60.9	36.9	250.1
35,0°	90.9	84.2	79.7	75.8	75.3	72.5	69.2	64.0	58.5	57.0	57.7	37.7	287.8
37,5°	78.7	77.9	78.3	76.3	74.4	71.3	67.0	63.1	55.3	55.1	56.2	36.5	324.3
40,0°	71.9	69.6	72.5	72.3	70.7	68.6	64.8	62.0	53.6	55.9	57.3	34.9	359.2
42,5°	74.2	65.5	64.6	64.5	63.3	61.7	60.2	57.3	52.6	53.4	55.9	37.1	396.3
45,0°	79.2	72.5	62.6	59.7	56.5	55.1	53.2	50.4	45.9	45.3	49.5	39.4	435.7
47,5°	81.5	78.0	71.0	59.2	51.4	46.8	45.2	43.6	38.6	40.2	44.9	40.0	475.8
50,0°	78.0	76.3	72.2	63.2	52.0	43.2	38.6	37.0	33.7	34.4	36.4	39.5	515.3
52,5°	71.1	70.7	68.1	62.0	52.1	43.5	37.5	33.2	30.2	29.6	31.8	39.3	554.6
55,0°	64.7	64.0	61.6	56.1	48.7	42.1	36.4	32.8	29.9	27.8	29.0	39.8	594.5
57,5°	60.2	57.7	55.7	50.8	45.0	39.3	34.7	31.8	29.2	26.9	28.2	40.7	635.1
60,0°	56.7	53.3	50.4	46.2	40.8	36.1	32.5	29.9	27.8	26.0	26.9	41.4	676.6
62,5°	53.6	48.8	45.4	41.8	37.7	33.7	30.4	28.1	26.0	24.2	25.0	41.5	718.1
65,0°	50.5	45.0	41.1	37.6	34.2	31.3	28.4	26.2	24.2	22.3	22.7	40.7	758.8
67,5°	46.2	41.1	37.0	33.8	31.0	28.4	26.1	24.1	22.2	20.5	20.8	39.2	798.0
70,0°	41.5	36.6	32.6	29.8	27.6	25.6	23.8	22.0	20.1	18.5	18.8	36.2	834.1
72,5°	36.6	32.5	29.0	26.4	24.3	22.7	21.0	19.4	17.9	16.3	16.7	32.1	866.3
75,0°	32.1	28.4	25.2	22.9	21.4	20.0	18.6	17.2	15.8	14.2	14.5	27.1	893.4
77,5°	28.2	24.9	22.4	20.3	18.7	17.3	16.0	14.5	13.3	11.9	12.2	21.7	915.1
80,0°	24.4	21.3	19.0	17.0	15.5	14.3	13.1	11.8	10.7	9.6	9.9	16.8	931.9
82,5°	20.6	17.9	16.2	14.7	13.4	12.1	11.0	9.9	8.8	7.8	8.0	13.0	944.9
85,0°	16.7	14.9	13.5	12.3	11.2	10.1	9.0	8.0	7.1	6.3	6.4	9.6	954.5
87,5°	14.5	12.5	11.1	10.2	9.3	8.3	7.4	6.6	5.9	5.1	5.3	7.5	962.0
90,0°	8.3	7.8	7.3	6.9	6.2	5.7	5.1	4.6	4.3	3.8	3.9	3.4	965.4
92,5°	7.2	6.6	6.1	5.7	5.2	4.8	4.5	4.2	3.9	3.5	3.7	3.0	968.4
95,0°	7.0	6.6	6.0	5.6	5.2	4.8	4.4	4.2	3.9	3.6	3.7	2.9	971.3
97,5°	6.9	6.4	6.0	5.5	5.1	4.7	4.4	4.2	3.9	3.6	3.8	2.8	974.1
100,0°	6.8	6.3	5.9	5.5	5.1	4.7	4.4	4.1	3.9	3.6	3.7	2.6	976.7
102,5°	6.4	6.0	5.5	5.2	4.8	4.4	4.2	4.0	3.7	3.5	3.5	2.5	979.2
105,0°	6.2	5.8	5.4	5.0	4.7	4.4	4.2	3.9	3.7	3.5	3.5	2.4	981.6
107,5°	6.1	5.7	5.3	5.0	4.7	4.4	4.2	3.9	3.6	3.5	3.4	2.3	983.9
110,0°	6.1	5.7	5.3	5.0	4.7	4.4	4.2	4.0	3.7	3.4	2.9	2.2	986.1
112,5°	6.0	5.7	5.3	5.0	4.7	4.4	4.2	4.0	3.8	3.1	2.1	2.1	988.2

## Photometric test report

<b>Family</b> <b>LANTERN LED</b>	<b>Order number: 5XA5255NF14H + 5XA54000XS</b> <b>EAN: 4058352833612 + 4050737730073</b>	<b>LP number</b> <b>59285_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												
115,0°	9.0	9.4	9.6	9.9	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.7
117,5°	8.7	9.1	9.4	9.6	9.9	10.1	10.4	10.5	10.7	10.9	11.1	11.2	11.4
120,0°	8.3	8.6	9.0	9.2	9.5	9.7	9.9	10.1	10.3	10.4	10.7	10.9	11.0
122,5°	7.4	7.8	8.1	8.3	8.6	8.7	8.9	9.2	9.4	9.5	9.7	9.9	10.1
125,0°	6.0	6.1	6.4	6.6	6.8	6.9	7.0	7.2	7.4	7.5	7.7	7.8	8.0
127,5°	4.1	4.3	4.3	4.5	4.5	4.7	4.7	4.8	4.9	4.9	5.0	5.2	5.2
130,0°	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3
132,5°	2.6	2.7	2.7	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2
137,5°	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7
140,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2
142,5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145,0°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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

Family <b>LANTERN LED</b>	Order number: <b>5XA5255NF14H + 5XA54000XS</b> EAN: <b>4058352833612 + 4050737730073</b>	LP number <b>59285_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°
$\gamma$	Luminous intensity in cd/klm												
115,0°	11.9	12.0	12.0	12.1	9.7	4.2	8.7	8.3	7.9	7.6	7.1	6.8	6.4
117,5°	11.6	11.7	11.8	11.9	8.6	4.0	8.4	8.0	7.7	7.3	6.9	6.6	6.2
120,0°	11.2	11.2	11.4	11.5	7.5	3.2	8.0	7.7	7.3	6.9	6.7	6.3	5.9
122,5°	10.2	10.4	10.4	10.5	6.5	2.8	7.2	6.9	6.6	6.3	5.9	5.6	5.3
125,0°	8.1	8.2	8.3	8.2	5.2	2.6	5.6	5.3	5.2	4.9	4.6	4.4	4.2
127,5°	5.3	5.3	5.4	5.2	3.3	1.9	3.9	3.8	3.6	3.5	3.3	3.2	3.0
130,0°	3.3	3.3	3.3	3.1	2.1	1.4	2.9	2.8	2.8	2.7	2.6	2.6	2.5
132,5°	2.8	2.8	2.8	2.5	1.8	1.3	2.6	2.5	2.5	2.4	2.4	2.3	2.3
135,0°	2.2	2.3	2.3	1.9	1.4	1.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0
137,5°	1.7	1.7	1.7	1.5	1.1	0.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7
140,0°	1.2	1.2	1.2	1.0	0.8	0.8	1.4	1.4	1.4	1.4	1.3	1.3	1.3
142,5°	0.9	0.9	0.9	0.9	0.7	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.1
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
147,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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: 5XA5255NF14H + 5XA54000XS</b> <b>EAN: 4058352833612 + 4050737730073</b>	<b>LP number</b> <b>59285_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
$\gamma$	Luminous intensity in cd/klm											Luminous flux in lm/klm	
115,0°	6.0	5.6	5.3	5.0	4.7	4.4	4.2	4.0	3.8	2.9	1.8	2.0	990.3
117,5°	5.8	5.4	5.1	4.8	4.5	4.2	4.0	3.8	3.6	2.7	1.7	1.9	992.2
120,0°	5.6	5.2	4.9	4.6	4.3	4.0	3.8	3.6	3.5	2.4	1.6	1.8	994.0
122,5°	5.0	4.7	4.4	4.1	3.8	3.6	3.4	3.2	3.1	2.2	1.6	1.6	995.6
125,0°	3.9	3.6	3.5	3.3	3.0	2.8	2.7	2.6	2.3	1.8	1.4	1.2	996.8
127,5°	2.9	2.7	2.6	2.5	2.3	2.2	2.1	2.0	1.8	1.5	1.4	0.8	997.6
130,0°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.6	1.4	1.4	0.6	998.2
132,5°	2.2	2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.5	1.4	1.4	0.5	998.7
135,0°	1.9	1.9	1.8	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.2	0.4	999.0
137,5°	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	0.3	999.3
140,0°	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	0.2	999.6
142,5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
145,0°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	999.9
147,5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
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>5XA5255NF14H + 5XA54000XS</b> EAN: <b>4058352833612 + 4050737730073</b>	LP number <b>59285_22</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	1430	11.8	12.1	12.0
95	241	252	1357	11.1	11.4	11.2
90	229	250	1289	10.6	10.8	10.7
85	216	248	1216	9.9	10.2	10.0
80	203	246	1143	9.3	9.6	9.4
75	190	243	1070	8.7	9.0	8.8
70	178	241	1002	8.2	8.4	8.3
65	165	238	929	7.6	7.7	7.6
60	152	235	856	7.0	7.2	7.1
55	140	232	788	6.5	6.6	6.6
50	127	229	715	6.0	6.1	6.0
45	114	225	642	5.4	5.6	5.5
40	102	221	574	5.0	5.1	5.0
35	89	216	501	4.5	4.6	4.6
30	76	210	428	4.0	4.0	4.0
26	65	204	366	3.6	3.7	3.6