

Photometric test report

Family
LANTERN LED

Order number: **5XA5255LF14HP**
EAN: **4058352833544**

LP number
58715_19



Version post-top- or mounting to wall arm
Optic asymmetric, extremely wide distribution (P1.0a)
Cover cover transparent, PMMA
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 4910 lm
Power consumption = 33.6 W
Luminous efficacy = 146.1 lm/W

serial
documentation
24.05.2022

siteco

Luminous intensity in cd/klm

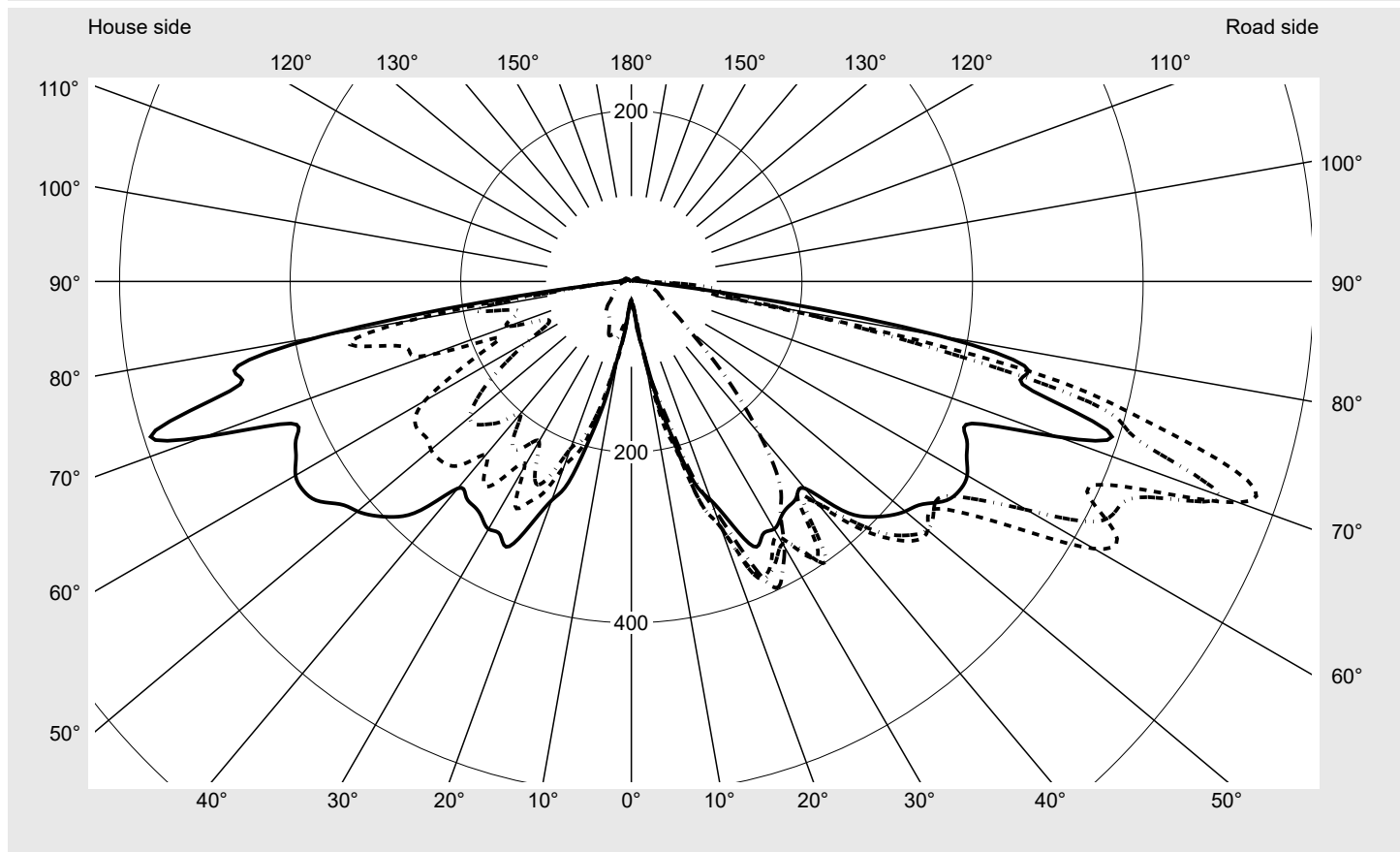
C180-0

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

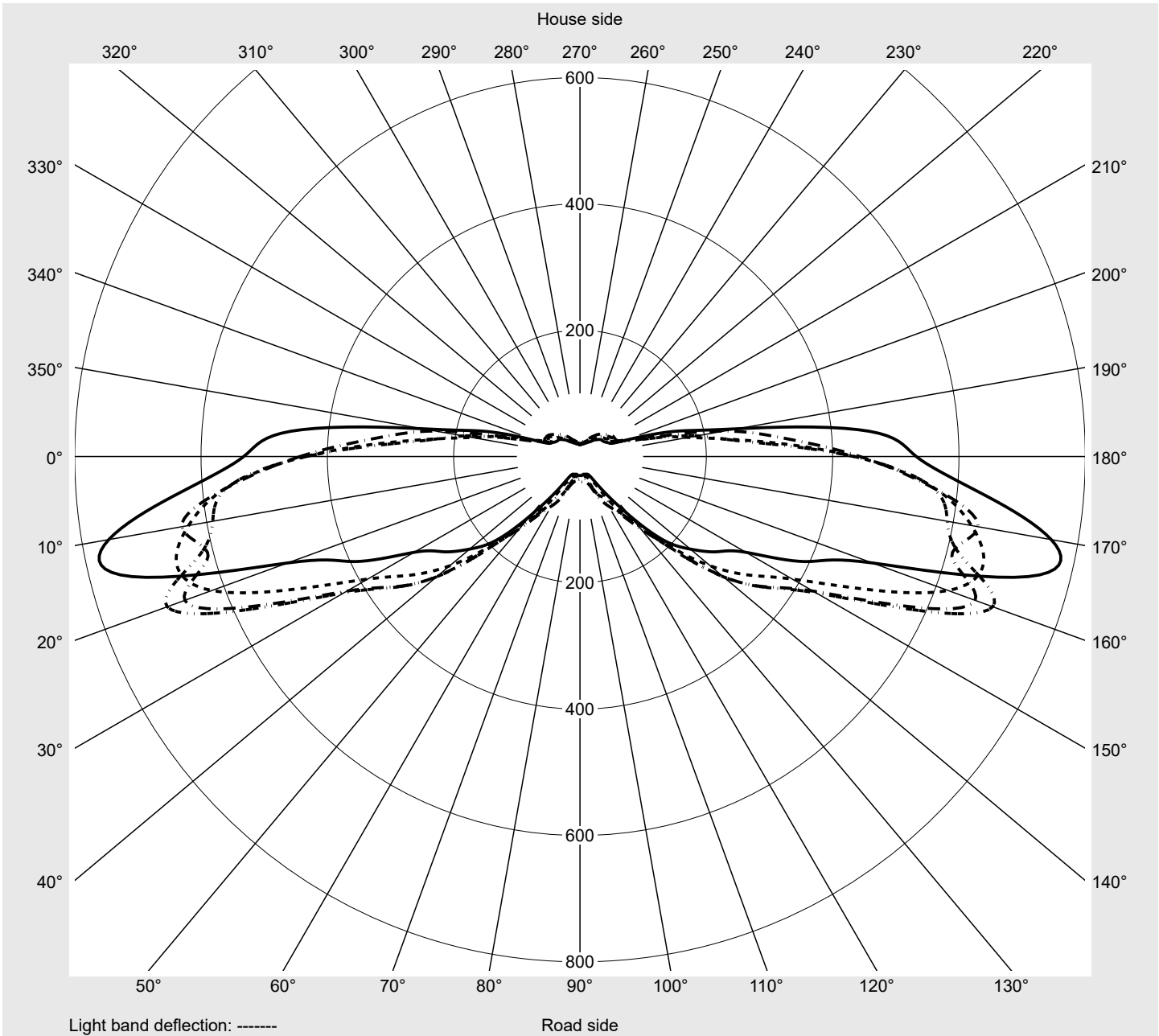
Measurement conditions

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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Table of values for luminous intensities		Maximum luminous intensity
		siteco

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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Table of values for luminous intensities		Maximum luminous intensity
		siteco

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°	22.4	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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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

Family LANTERN LED	Order number: 5XA5255LF14HP EAN: 4058352833544	LP number 58715_19
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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°
γ	Luminous intensity in cd/klm												
115,0°	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
117,5°	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
120,0°	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
122,5°	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
125,0°	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
127,5°	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
130,0°	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
132,5°	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
135,0°	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
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

Family LANTERN LED	Order number: 5XA5255LF14HP EAN: 4058352833544	LP number 58715_19
		siteco

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 LANTERN LED	Order number: 5XA5255LF14HP EAN: 4058352833544	LP number 58715_19
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Dimming levels table	environmental temperature: 25°C	siteco
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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	4910	33.6	35.9	34.8
95	241	252	4659	31.4	33.5	32.4
90	229	250	4427	29.4	31.4	30.4
85	216	248	4175	27.4	29.2	28.3
80	203	246	3924	25.5	27.1	26.3
75	190	243	3673	23.6	25.2	24.4
70	178	241	3441	21.9	23.3	22.6
65	165	238	3190	20.2	21.5	20.8
60	152	235	2938	18.5	19.6	19.0
55	140	232	2706	16.9	18.0	17.4
50	127	229	2455	15.3	16.2	15.8
45	114	225	2204	13.7	14.5	14.1
40	102	221	1972	12.3	13.0	12.6
35	89	216	1720	10.8	11.4	11.1
30	76	210	1469	9.3	9.8	9.6
25	63	203	1218	7.8	8.2	8.0
20	51	195	986	6.6	6.9	6.8
15	38	184	735	5.2	5.5	5.4
11	28	173	541	4.1	4.4	4.2