

Photometric test report

Family
LANTERN LED

Order number: **5XA5255NF14HP**
EAN: **4058352833629**

LP number
58715_22



Version post-top- or mounting to wall arm
Optic asymmetric, extremely wide distribution (P1.0a)
Cover cover transparent, PMMA
Lamps LED 2700 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 4210 lm
Power consumption = 33.6 W
Luminous efficacy = 125.3 lm/W

serial
documentation
04.11.2022

siteco

Luminous intensity in cd/klm

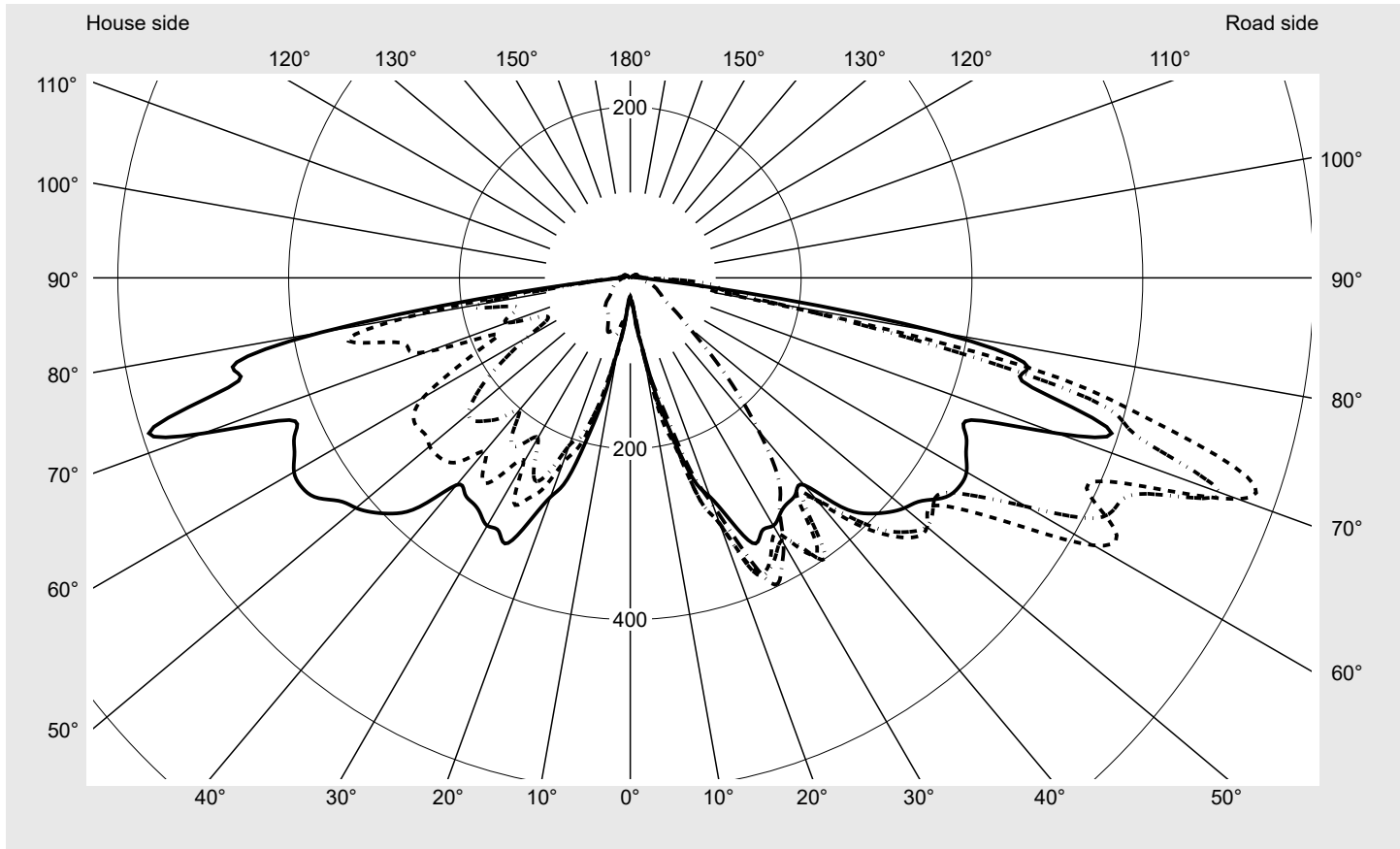
C180-0

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

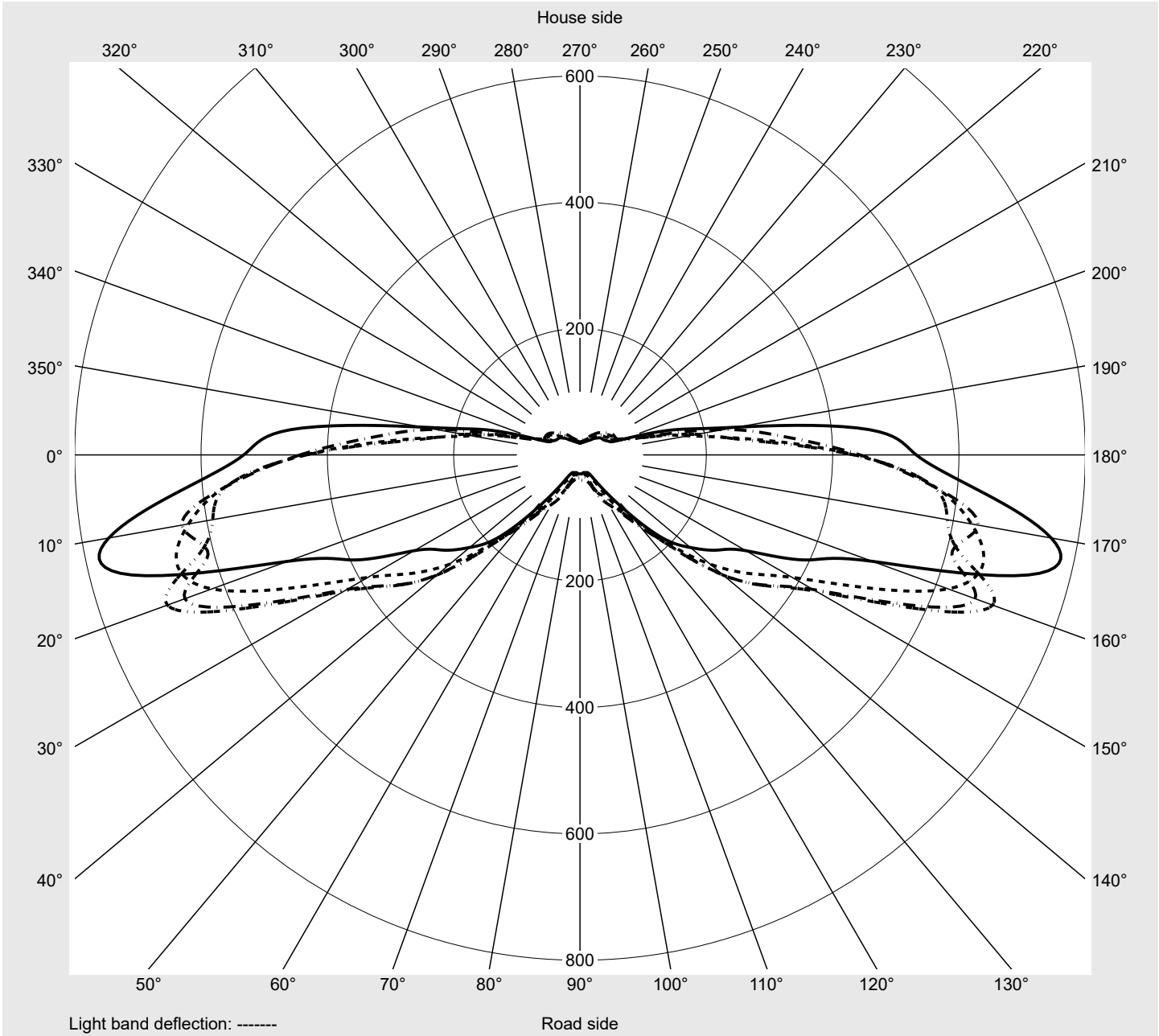
Measurement conditions

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: 5XA5255NF14HP EAN: 4058352833629	LP number 58715_22
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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: 5XA5255NF14HP EAN: 4058352833629	LP number 58715_22
		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: 5XA5255NF14HP EAN: 4058352833629	LP number 58715_22
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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	4210	33.6	35.9	34.8
95	241	252	3995	31.3	33.5	32.4
90	229	250	3796	29.4	31.4	30.4
85	216	248	3580	27.3	29.2	28.2
80	203	246	3365	25.4	27.1	26.2
75	190	243	3149	23.5	25.1	24.3
70	178	241	2950	21.9	23.3	22.6
65	165	238	2735	20.1	21.4	20.8
60	152	235	2519	18.4	19.5	19.0
55	140	232	2320	16.8	17.9	17.4
50	127	229	2105	15.2	16.2	15.7
45	114	225	1890	13.6	14.5	14.0
40	102	221	1691	12.2	13.0	12.6
35	89	216	1475	10.7	11.3	11.0
30	76	210	1260	9.2	9.7	9.4
25	63	203	1044	7.8	8.2	8.0
20	51	195	845	6.6	6.9	6.8
15	38	184	630	5.2	5.5	5.4
11	28	173	464	4.1	4.4	4.2