

Photometric test report

Family
LANTERN LED

Order number: **5XA5255AF14HP**
EAN: **4058352833407**

LP number
58714_17



Version post-top- or mounting to wall arm
Optic asymmetric, wide distribution (ST1.2a)
Cover cover transparent, PMMA
Lamps LED 2200 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 3910 lm
Power consumption = 33.6 W
Luminous efficacy = 116.4 lm/W

serial
documentation
24.05.2022

siteco

Luminous intensity in cd/klm

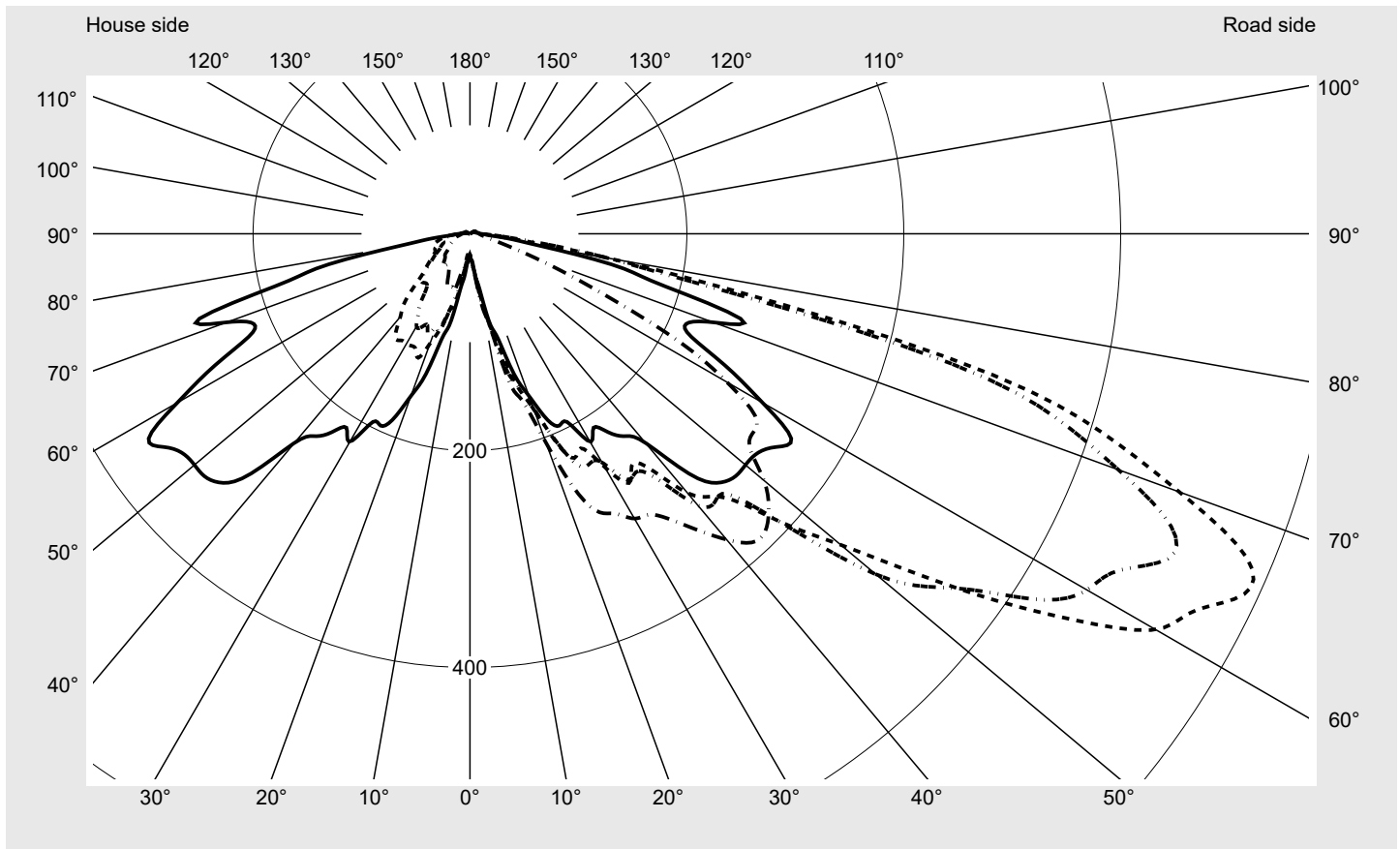
C180-0

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

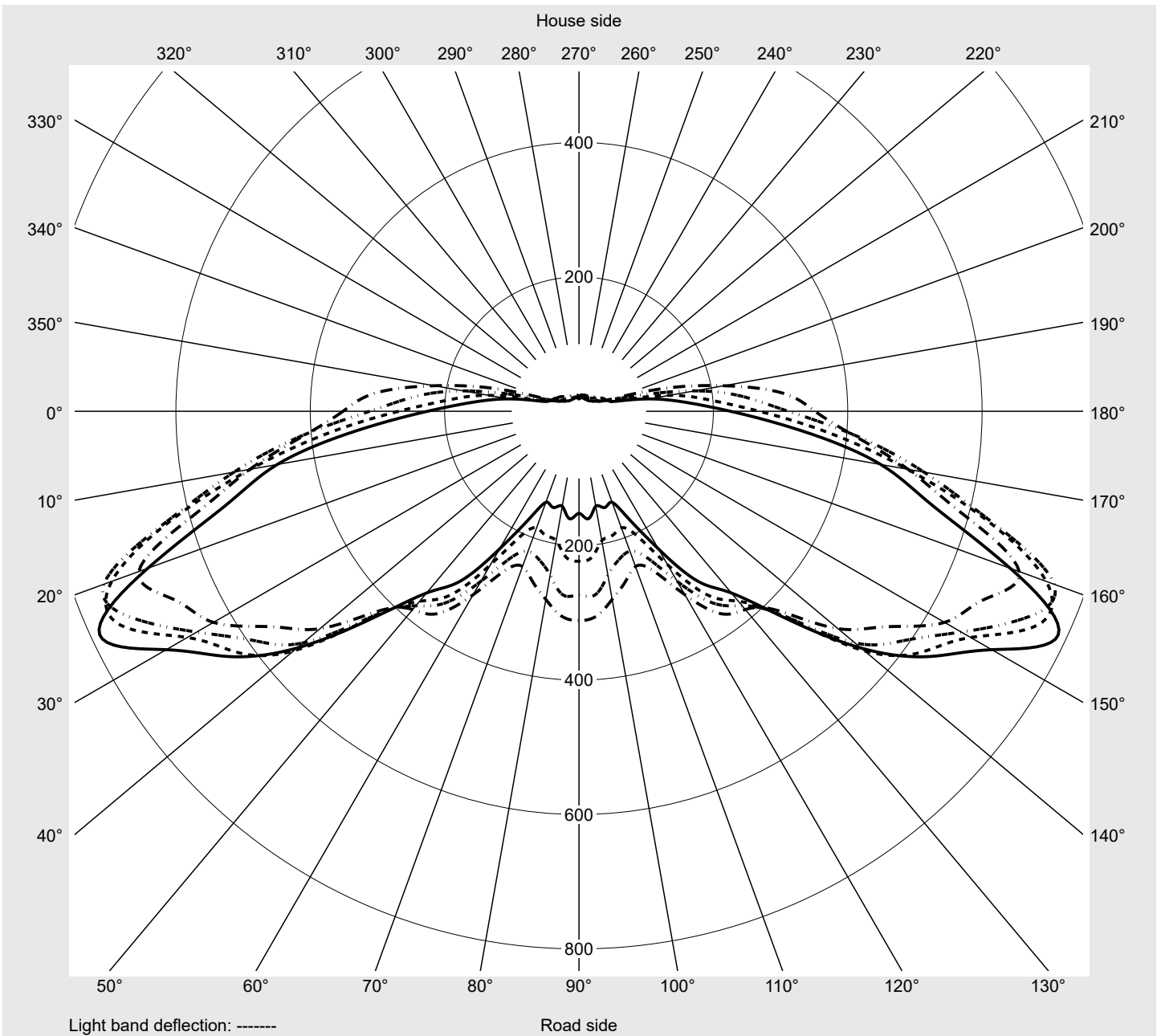
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Envelope curve in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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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°	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

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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°	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

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Table of values for luminous intensities		Maximum luminous intensity
		

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 LANTERN LED	Order number: 5XA5255AF14HP EAN: 4058352833407	LP number 58714_17
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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°	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

Family LANTERN LED	Order number: 5XA5255AF14HP EAN: 4058352833407	LP number 58714_17
		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°	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

Family LANTERN LED	Order number: 5XA5255AF14HP EAN: 4058352833407	LP number 58714_17
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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	3910	33.6	35.9	34.8
95	241	252	3710	31.3	33.5	32.4
90	229	250	3525	29.4	31.4	30.4
85	216	248	3325	27.3	29.2	28.2
80	203	246	3125	25.4	27.1	26.2
75	190	243	2925	23.5	25.1	24.3
70	178	241	2740	21.9	23.3	22.6
65	165	238	2540	20.1	21.4	20.8
60	152	235	2340	18.4	19.5	19.0
55	140	232	2155	16.8	17.9	17.4
50	127	229	1955	15.2	16.2	15.7
45	114	225	1755	13.6	14.5	14.0
40	102	221	1570	12.2	13.0	12.6
35	89	216	1370	10.7	11.3	11.0
30	76	210	1170	9.2	9.7	9.4
25	63	203	970	7.8	8.2	8.0
20	51	195	785	6.6	6.9	6.8
15	38	184	585	5.2	5.4	5.3
11	28	173	431	4.1	4.3	4.2