

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P181117

Luminaire Tested: **ICS-E01-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181117
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-E01-LED-E1-SLR-7030
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2287.3 lumens
Efficiency: N/A
Efficacy: 92.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



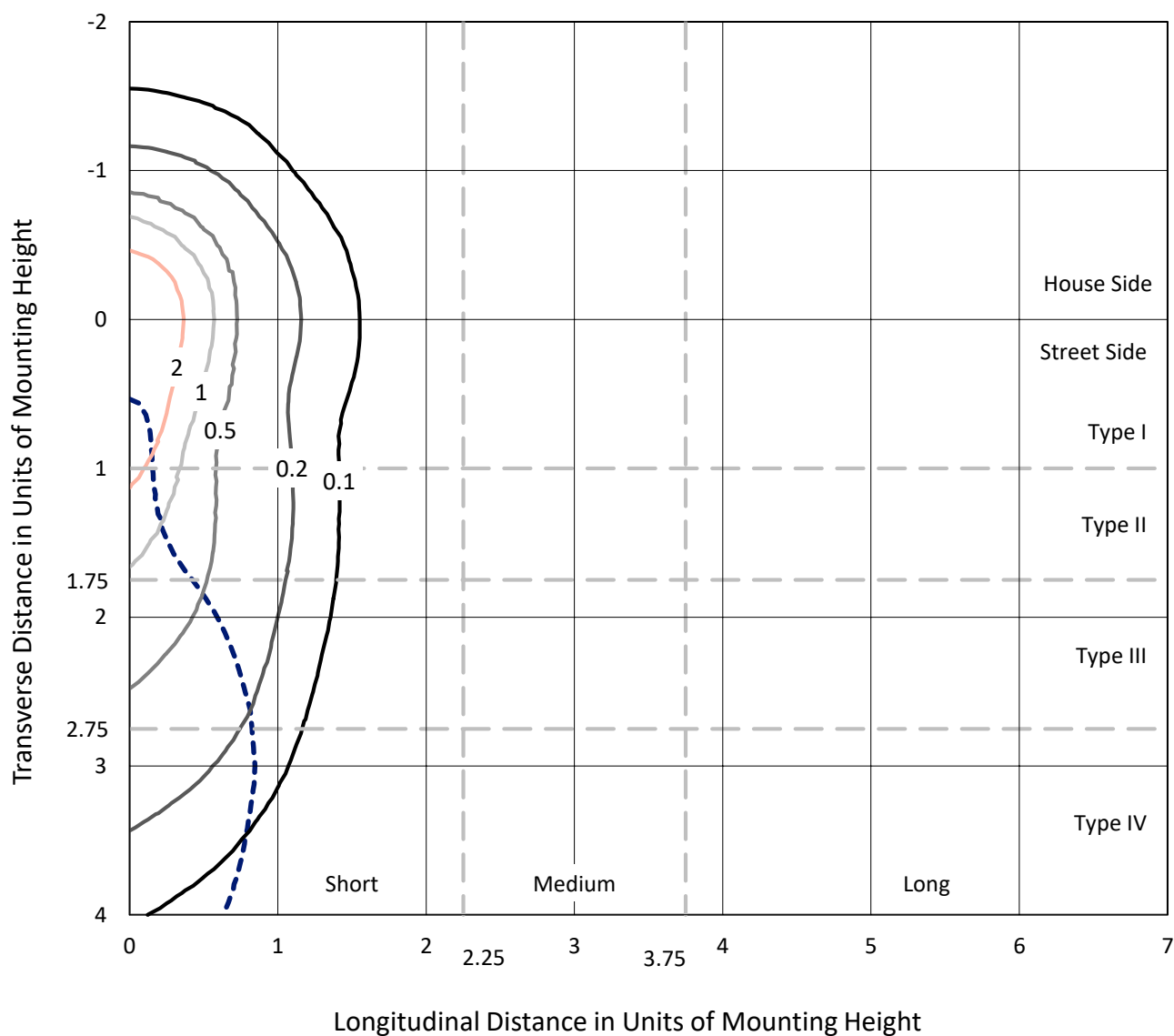
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

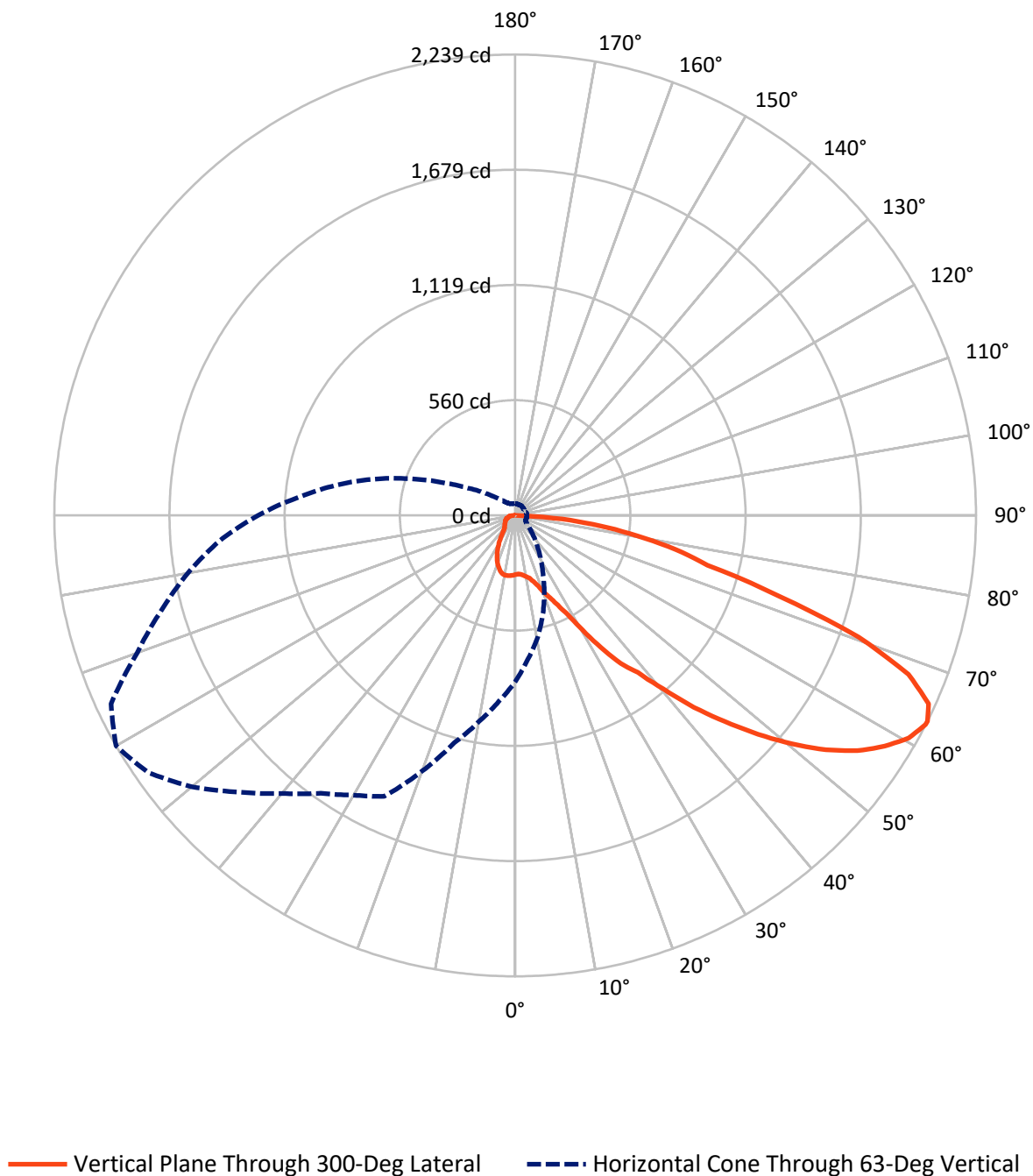


Based on 10 foot mounting height. Maximum calculated value = 3.6 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	496.0	0.0	496.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1791.3	0.0	1791.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	2287.3	0.0	2287.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	1.2
10°-20°	87.1	3.8
20°-30°	154.8	6.8
30°-40°	243.8	10.7
40°-50°	358.8	15.7
50°-60°	476.6	20.8
60°-70°	525.0	23.0
70°-80°	329.4	14.4
80°-90°	83.9	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	2287.3	100.0
0°-180°	2287.3	100.0

Coefficient of Utilization



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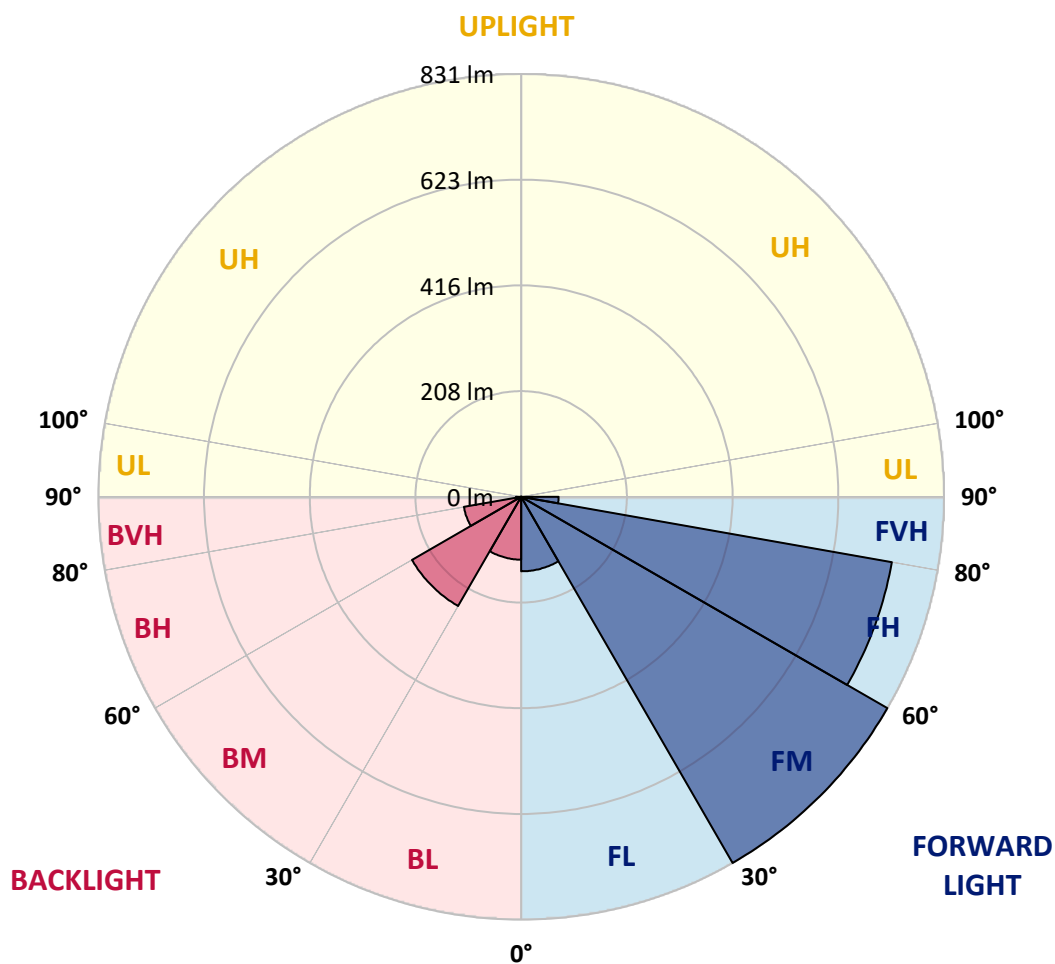
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	146.5	6.4			
FM	(30°-60°)	831.3	36.3			
FH	(60°-80°)	740.0	32.4			G1/1800
FVH	(80°-90°)	73.6	3.2			G1/100
BL	(0°-30°)	123.5	5.4	B1/500		
BM	(30°-60°)	247.9	10.8	B1/1000		
BH	(60°-80°)	114.3	5.0	B1/500		G1/500
BVH	(80°-90°)	10.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	283.6	284.4	284.2	284.2	284.7	284.4	284.4	284.7	284.7	285.5	286.6
5°	281.4	281.1	280.6	281.1	281.1	281.1	280.0	280.9	281.1	281.7	281.7
7.5°	284.2	283.3	282.2	282.5	282.5	282.0	281.1	281.4	281.1	281.1	280.9
10°	287.7	285.8	284.4	284.4	284.4	283.9	282.5	283.3	283.3	283.1	283.3
12.5°	294.0	291.8	290.2	289.6	289.6	288.8	287.7	288.8	288.3	288.3	287.7
15°	304.4	302.0	300.1	298.4	298.7	298.7	297.3	296.5	295.4	294.0	291.3
17.5°	320.1	317.3	314.8	313.5	313.8	311.8	308.0	304.2	299.0	293.7	288.0
20°	342.3	341.4	338.1	336.8	333.5	328.8	318.1	309.1	299.0	289.1	279.2
22.5°	380.6	376.8	373.5	368.3	357.3	344.4	326.6	310.7	294.8	280.9	267.7
25°	432.1	425.3	409.1	393.2	370.7	347.7	323.6	303.1	283.3	265.0	248.8
27.5°	482.8	462.0	433.2	404.5	371.6	341.4	311.3	286.9	263.9	243.9	226.1
30°	544.2	509.1	465.0	419.5	372.9	332.4	296.2	267.7	241.1	220.0	201.4
32.5°	601.7	551.1	493.2	433.5	376.0	323.9	279.0	246.6	219.2	192.6	174.3
35°	641.2	575.4	505.3	434.9	368.6	307.7	257.3	219.2	191.8	167.2	145.5
37.5°	664.8	586.1	505.8	425.0	351.3	285.8	229.9	192.1	166.9	143.3	126.3
40°	679.6	588.6	498.7	410.8	329.4	258.1	202.5	168.5	145.5	126.6	113.4
42.5°	686.7	584.8	487.2	392.7	307.2	233.5	183.3	151.3	131.3	117.8	108.0
45°	687.8	577.9	474.9	376.2	287.4	215.7	170.2	144.1	127.7	116.5	106.6
47.5°	687.8	571.9	465.0	364.2	274.6	208.0	169.1	147.1	131.0	118.4	106.6
50°	688.3	570.0	460.9	358.1	270.2	212.1	178.4	156.5	138.1	121.7	106.3
52.5°	690.8	572.4	464.2	362.8	278.1	228.5	195.9	170.4	147.4	125.5	106.3
55°	696.3	580.6	478.2	379.0	299.5	253.5	217.0	185.5	154.8	127.1	104.7
57.5°	711.6	601.5	503.6	410.2	335.9	282.2	236.2	196.2	157.6	125.8	101.4
60°	742.3	642.9	547.2	454.1	374.6	306.9	247.4	197.8	155.1	121.4	96.2
62.5°	791.4	690.3	600.1	501.7	408.8	320.6	248.8	193.7	148.5	113.4	88.5
63°	808.4	702.0	611.3	510.8	413.2	321.7	247.7	192.1	146.9	111.3	87.4
65°	855.8	751.6	650.2	542.6	425.6	322.0	241.7	183.9	139.2	102.8	79.7
67.5°	944.3	816.9	699.3	567.5	429.9	313.2	226.3	168.5	123.0	89.6	70.1
70°	1000.2	853.3	718.2	568.0	417.1	288.3	199.8	143.6	102.5	74.3	60.3
72.5°	985.6	817.4	668.3	516.8	361.4	240.9	160.6	112.9	80.0	59.5	50.1
75°	844.3	680.4	545.3	400.3	273.2	177.0	117.6	80.6	59.2	46.6	41.9
77.5°	607.8	489.7	391.0	285.3	184.1	114.5	78.1	57.5	44.9	38.4	34.5
80°	387.2	287.2	239.2	171.5	107.7	71.0	53.7	43.6	37.0	32.1	29.6
82.5°	202.2	141.7	115.1	87.7	59.7	46.9	39.5	35.6	30.4	26.6	25.2
85°	126.0	83.6	61.9	43.3	29.9	26.9	24.7	24.1	21.6	19.2	18.4
87.5°	14.2	12.9	13.4	8.5	6.3	6.9	6.6	8.8	8.5	6.3	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	285.5	286.1	286.1	286.9	286.9	287.4	288.0	288.0	288.5	288.8	289.4
5°	282.2	282.2	282.2	283.3	283.6	285.3	285.8	286.4	286.9	288.8	289.9
7.5°	281.4	280.3	280.9	280.9	281.7	283.1	284.4	285.3	286.1	288.5	290.2
10°	283.1	282.2	281.4	281.4	281.7	282.2	283.3	284.2	284.7	287.2	288.5
12.5°	287.4	285.5	283.9	282.5	281.4	281.1	280.6	280.9	281.4	282.8	284.7
15°	288.3	284.7	281.1	277.6	274.8	273.2	271.8	271.3	271.3	272.1	274.3
17.5°	282.8	276.8	271.6	266.9	263.9	260.9	259.5	258.4	257.9	258.9	259.2
20°	271.0	263.9	256.8	251.3	245.8	245.0	242.8	243.3	243.9	245.5	246.3
22.5°	254.8	246.3	237.6	231.8	227.4	223.6	221.1	222.2	223.1	224.7	225.5
25°	235.1	222.8	213.5	207.7	203.0	199.8	197.0	198.1	197.0	198.9	202.0
27.5°	211.8	197.3	187.4	180.9	177.6	174.8	172.1	172.1	174.8	174.8	177.3
30°	183.6	172.9	160.0	153.2	149.1	147.4	147.1	146.6	148.5	149.6	152.4
32.5°	157.0	143.9	131.5	125.0	121.4	119.5	119.7	120.0	120.8	122.5	126.9
35°	130.2	118.7	109.9	102.5	98.9	95.4	95.4	94.8	95.6	97.6	102.8
37.5°	112.9	102.8	95.9	90.2	86.6	84.4	82.5	81.7	81.7	82.5	84.4
40°	103.3	95.9	89.6	84.7	81.4	79.5	78.4	77.5	77.0	77.0	77.3
42.5°	98.9	91.2	84.9	80.6	78.1	77.0	76.7	76.5	75.6	75.4	75.1
45°	96.7	88.0	80.8	77.3	75.4	74.8	75.1	75.1	74.8	74.3	73.2
47.5°	95.1	84.9	77.8	74.5	73.7	73.7	73.7	73.7	73.4	73.2	72.3
50°	92.3	80.3	72.6	70.1	69.6	69.6	69.9	69.9	70.4	69.9	69.3
52.5°	89.3	75.9	68.2	66.0	65.8	65.5	65.5	65.5	65.8	65.8	65.5
55°	86.0	72.6	66.0	64.4	64.7	64.4	64.1	63.8	63.8	63.6	63.0
57.5°	82.8	69.9	64.4	63.3	63.6	63.6	63.0	62.5	62.2	61.4	60.8
60°	77.8	66.0	61.1	60.6	61.4	61.4	61.4	61.1	61.1	60.8	59.5
62.5°	71.2	60.6	56.7	57.0	57.3	57.8	57.8	57.8	57.8	57.3	55.9
63°	69.9	59.5	55.9	55.9	56.7	56.7	57.0	56.7	57.0	56.4	54.8
65°	64.4	55.9	53.2	53.4	54.0	54.0	54.0	53.7	53.7	52.9	52.1
67.5°	58.1	51.5	49.9	50.1	50.4	51.0	50.7	50.7	51.0	50.4	49.6
70°	51.0	46.9	45.8	46.0	46.3	46.3	46.0	46.0	46.3	45.8	44.9
72.5°	45.5	43.8	43.0	43.0	42.5	42.5	41.9	41.7	41.4	41.4	40.6
75°	38.4	38.1	38.4	38.9	38.4	37.8	37.5	36.7	36.2	36.2	35.9
77.5°	32.9	32.9	33.4	34.3	34.5	34.5	33.7	32.3	32.1	32.1	32.1
80°	28.5	28.0	28.0	28.8	29.6	29.3	28.0	26.6	26.6	28.0	28.2
82.5°	24.9	24.9	24.1	24.4	24.1	23.8	22.5	21.6	21.4	22.5	23.6
85°	19.7	20.0	19.7	19.5	19.2	18.4	17.3	16.4	16.2	17.3	18.9
87.5°	7.9	7.7	7.4	7.7	7.4	7.9	7.7	7.1	6.9	7.7	9.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	289.6	290.2	290.7	290.7	291.3	291.0	291.3	291.6	291.6	291.8	291.8
5°	291.3	292.1	293.2	294.3	294.6	295.4	296.2	295.7	296.5	297.6	297.6
7.5°	291.8	293.7	294.6	296.2	296.5	297.6	299.5	298.1	299.8	300.6	300.9
10°	291.0	292.9	294.3	296.2	297.0	299.0	300.9	300.3	302.2	303.6	303.9
12.5°	286.1	288.0	291.0	293.7	295.9	299.0	302.5	301.4	304.2	305.8	306.6
15°	276.5	278.4	281.7	286.1	290.2	294.8	299.5	300.3	303.1	305.0	305.8
17.5°	261.4	263.9	267.4	272.1	277.3	285.3	291.3	294.3	298.1	299.2	300.6
20°	247.4	249.9	252.1	254.8	258.7	266.3	274.3	280.3	285.3	289.4	290.5
22.5°	228.8	231.0	233.7	235.9	238.7	244.2	250.7	257.6	265.3	267.7	270.5
25°	206.3	207.7	211.5	212.9	214.8	219.5	224.7	229.6	237.0	242.2	243.6
27.5°	182.2	183.6	187.2	188.0	190.4	194.8	198.7	200.6	207.4	212.9	217.3
30°	154.3	157.8	162.2	162.8	165.5	168.2	171.8	173.7	180.0	185.8	191.3
32.5°	130.2	133.7	137.3	139.5	140.8	143.0	146.6	148.5	154.5	159.8	165.2
35°	105.5	109.9	113.7	116.7	117.8	120.6	123.3	125.2	131.5	136.2	140.0
37.5°	86.9	90.2	94.3	97.3	100.3	102.2	105.5	108.2	112.1	114.5	118.7
40°	77.8	79.5	81.7	84.1	86.6	88.8	91.2	93.4	95.9	99.2	101.9
42.5°	74.8	75.1	75.1	75.9	77.3	78.4	80.6	82.2	83.9	86.3	87.7
45°	72.6	72.3	71.8	71.2	71.5	72.1	73.4	74.5	76.5	77.5	77.8
47.5°	71.5	70.4	69.3	68.5	68.2	68.5	69.6	70.7	71.8	72.6	72.9
50°	68.0	67.1	65.5	64.4	63.8	64.4	65.8	66.3	67.4	68.2	68.5
52.5°	64.4	63.3	62.2	61.1	61.1	61.4	62.5	63.6	64.7	64.9	65.5
55°	62.2	60.6	59.5	58.6	58.1	58.9	59.7	61.1	62.5	62.8	63.3
57.5°	60.0	58.4	57.3	56.4	55.9	56.7	57.5	59.5	61.1	61.1	61.1
60°	58.6	57.3	55.6	54.8	54.0	54.8	55.9	57.8	59.5	59.2	58.9
62.5°	54.8	53.4	52.6	52.6	51.8	53.2	54.3	56.4	56.7	56.2	55.6
63°	53.7	52.6	52.1	52.1	51.5	52.9	54.0	55.9	55.9	55.4	54.8
65°	51.0	50.1	49.6	50.1	50.1	51.5	51.8	53.2	52.9	52.1	51.8
67.5°	48.8	48.2	47.7	47.7	47.7	48.0	48.2	48.8	48.5	48.2	48.5
70°	45.2	44.9	44.4	44.4	44.1	44.1	44.1	44.4	44.4	44.7	44.9
72.5°	40.8	40.3	40.3	40.6	40.0	40.3	40.6	40.3	40.8	40.8	41.1
75°	35.9	35.6	36.2	36.7	36.4	36.4	36.7	36.7	37.0	37.0	37.3
77.5°	32.1	32.3	32.6	33.2	33.4	33.4	33.4	33.2	33.4	33.4	33.7
80°	28.5	29.0	29.6	30.1	30.4	30.4	30.4	30.1	30.1	30.1	30.1
82.5°	25.8	26.6	27.1	27.4	27.4	27.4	27.4	27.4	27.4	26.9	26.3
85°	21.6	23.3	23.3	23.6	22.7	22.2	21.6	21.9	22.2	21.1	20.8
87.5°	11.0	11.0	11.5	12.1	12.3	12.3	14.0	13.2	12.9	12.6	12.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: ICS-E01-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	292.1	291.8	292.4	291.8	292.1	292.4	291.8	292.7	293.2	292.4	291.6
5°	298.1	298.1	299.5	300.1	300.3	302.0	301.1	301.7	302.2	302.0	302.2
7.5°	302.0	303.1	304.4	305.8	306.1	307.5	307.2	308.0	308.5	309.9	309.9
10°	305.3	306.6	308.5	309.9	311.3	312.4	312.9	314.6	314.8	315.9	315.9
12.5°	308.3	309.9	311.8	314.0	315.4	317.6	317.9	320.3	321.2	321.4	320.6
15°	307.7	309.6	311.8	314.3	316.8	319.5	321.2	323.6	325.0	325.5	324.2
17.5°	302.5	304.2	306.9	310.2	313.2	316.8	319.8	323.3	325.5	326.1	325.8
20°	292.4	293.5	297.0	301.4	305.0	310.5	314.8	320.3	323.9	326.6	327.5
22.5°	272.4	275.1	278.7	283.6	288.8	295.7	302.0	309.9	317.6	324.2	330.7
25°	248.3	253.2	258.7	265.3	271.6	278.7	285.8	294.8	306.1	319.8	335.4
27.5°	223.9	232.4	239.2	247.7	255.1	262.2	270.2	280.0	292.4	308.8	328.8
30°	199.2	208.8	216.2	226.1	235.9	245.5	253.5	263.9	275.9	292.7	314.6
32.5°	172.9	182.5	191.3	200.3	211.3	222.8	232.4	245.2	258.1	275.4	297.6
35°	145.8	154.3	161.7	171.3	183.3	195.7	208.3	223.1	237.0	255.1	278.7
37.5°	122.2	128.2	135.4	143.9	153.2	166.3	180.6	198.1	214.0	233.7	257.9
40°	102.8	106.0	110.2	117.3	125.8	138.7	152.6	171.3	190.4	212.1	235.4
42.5°	87.7	89.3	90.4	95.1	101.9	114.5	128.0	146.1	167.2	190.7	214.3
45°	77.8	78.6	78.9	81.4	86.3	97.3	111.3	126.6	146.9	169.9	194.6
47.5°	73.2	74.0	74.5	75.1	78.1	86.6	99.2	113.7	132.4	153.5	178.7
50°	69.3	70.1	71.0	70.7	72.1	77.5	88.2	101.7	119.2	138.7	163.6
52.5°	65.5	66.0	66.0	66.0	66.9	70.4	78.1	90.4	106.6	125.0	149.6
55°	63.3	63.8	64.1	64.4	64.7	66.6	72.3	82.2	96.2	113.2	135.4
57.5°	61.1	61.4	61.9	62.2	62.8	63.8	67.4	74.5	86.3	100.6	119.2
60°	59.2	59.7	60.8	61.1	61.7	61.9	63.6	68.0	75.6	86.6	101.7
62.5°	56.2	57.0	58.1	58.4	58.9	59.2	59.5	61.9	65.5	72.1	83.3
63°	55.4	56.2	57.5	57.8	58.1	58.1	58.4	60.0	63.3	69.1	77.3
65°	52.3	53.4	54.3	54.5	54.8	54.8	54.5	55.1	55.4	57.8	62.8
67.5°	49.0	49.9	50.4	50.7	50.4	50.7	50.4	49.9	49.3	49.9	52.1
70°	45.8	46.3	46.3	46.6	46.9	47.1	46.6	46.0	45.5	45.2	46.6
72.5°	41.9	42.5	42.5	42.7	42.7	43.3	43.3	43.0	43.0	43.3	43.6
75°	38.1	38.6	38.4	38.9	38.9	39.7	39.7	40.0	40.6	40.3	40.0
77.5°	34.5	34.8	34.8	35.1	35.3	36.7	37.5	37.8	37.8	37.3	36.7
80°	30.7	30.7	30.1	29.9	30.1	31.5	33.2	33.4	34.3	34.0	34.3
82.5°	25.8	24.7	23.8	23.8	24.4	25.2	25.8	26.3	26.9	26.9	27.4
85°	19.7	18.6	17.8	18.1	18.9	19.2	18.9	18.9	20.0	20.8	20.0
87.5°	11.8	10.7	10.1	9.3	9.6	10.4	10.1	9.3	9.6	7.7	7.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	292.1	291.8	291.3	290.5	290.2	289.6	289.9	289.1	288.5	288.0	287.2
5°	302.2	302.2	300.6	300.6	299.8	299.5	297.6	296.8	295.1	295.7	293.7
7.5°	309.4	310.2	308.3	308.0	306.9	306.6	304.2	303.3	302.0	301.4	299.8
10°	314.6	314.6	312.1	310.2	308.8	307.5	305.0	303.9	302.8	303.1	302.0
12.5°	318.7	316.8	313.2	310.5	308.5	307.2	305.3	304.4	304.2	306.1	306.4
15°	322.0	319.2	314.8	312.9	311.3	311.0	311.0	311.8	313.8	317.3	320.1
17.5°	323.9	322.2	320.1	319.5	322.2	323.9	326.1	328.5	331.3	336.2	339.2
20°	327.5	328.5	330.2	332.4	336.8	340.9	343.6	347.2	350.5	356.5	361.4
22.5°	336.8	343.1	348.3	352.7	359.2	365.0	368.6	373.5	376.0	380.1	387.7
25°	348.8	361.7	372.7	382.0	392.1	398.2	403.1	409.4	413.2	420.1	426.9
27.5°	345.3	363.6	380.1	397.3	411.3	426.9	437.9	448.3	454.9	465.0	474.1
30°	334.3	356.2	378.4	401.2	423.4	445.8	466.7	485.6	500.1	514.6	529.4
32.5°	319.5	344.7	371.8	399.8	428.8	460.1	488.9	517.3	541.5	562.6	583.1
35°	302.5	331.0	359.2	393.8	429.7	469.4	509.4	548.9	585.6	622.8	648.1
37.5°	282.2	311.3	342.8	382.5	424.7	473.8	524.7	576.3	628.3	678.5	722.0
40°	260.6	290.2	323.3	366.4	414.0	471.0	534.6	603.9	675.5	748.1	805.9
42.5°	241.4	271.8	308.0	351.6	403.4	467.5	542.6	627.8	715.2	805.1	890.0
45°	222.8	256.2	294.3	341.2	398.7	470.2	554.3	650.0	750.8	859.9	963.5
47.5°	206.1	240.0	277.0	328.3	391.8	471.6	565.9	672.2	784.5	902.6	1025.7
50°	191.0	223.9	260.3	311.8	381.2	470.8	576.3	692.2	813.6	936.3	1073.6
52.5°	176.2	209.6	246.9	295.9	368.0	466.1	581.2	708.6	840.4	970.3	1112.2
55°	161.7	194.6	232.1	280.9	350.7	454.1	580.6	719.3	861.8	1002.4	1149.5
57.5°	144.7	175.9	212.6	264.2	332.4	435.4	572.4	724.2	880.2	1034.2	1194.2
60°	123.6	152.9	188.3	239.8	308.3	411.6	555.2	721.5	890.8	1057.7	1232.3
62.5°	97.6	123.0	155.4	205.8	278.1	377.3	522.8	696.6	873.8	1054.4	1250.1
63°	92.1	116.2	147.7	197.6	265.3	368.0	513.2	686.7	865.6	1047.6	1247.6
65°	74.0	89.6	114.8	159.5	222.0	322.2	465.6	636.0	821.5	999.4	1212.0
67.5°	56.7	64.7	78.1	109.3	157.0	253.5	377.1	539.0	713.0	880.2	1097.2
70°	48.5	52.1	57.8	72.6	99.7	160.0	264.7	402.0	552.7	697.7	892.8
72.5°	44.1	45.8	48.8	55.1	68.5	95.9	168.8	261.7	376.0	497.3	648.1
75°	40.6	41.9	44.4	47.7	52.6	63.8	96.2	160.0	244.4	326.6	437.3
77.5°	37.0	37.8	40.6	43.6	46.9	52.6	63.6	92.1	140.6	192.6	263.6
80°	34.0	33.4	35.3	40.3	43.6	46.9	50.1	59.7	80.0	105.5	142.5
82.5°	27.1	27.7	29.3	34.3	35.6	34.8	35.3	37.0	44.7	48.8	72.9
85°	18.4	17.0	16.7	17.3	17.3	16.4	16.4	16.2	17.8	20.3	34.8
87.5°	4.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	0°
2.5°	286.6	286.4	286.6	285.3	285.3	285.0	284.7	284.2	284.2	283.1	283.9	2.5°
5°	292.1	291.6	290.5	288.8	288.0	286.9	286.9	285.8	285.0	283.9	284.2	5°
7.5°	298.4	298.7	296.8	295.4	294.8	293.7	294.0	292.4	292.7	291.8	291.3	7.5°
10°	302.0	302.0	302.5	302.2	302.8	302.8	303.6	302.5	302.0	301.1	301.1	10°
12.5°	307.7	308.8	311.0	311.0	312.7	313.2	313.5	314.0	312.9	312.4	310.5	12.5°
15°	322.0	324.7	326.6	329.4	332.7	333.8	333.8	332.7	332.1	331.3	327.7	15°
17.5°	345.5	351.6	353.2	357.6	358.1	359.5	363.4	361.2	359.8	354.0	352.9	17.5°
20°	369.7	377.3	385.0	390.5	393.2	398.7	399.5	398.4	392.9	387.5	385.0	20°
22.5°	398.7	410.2	419.0	427.5	431.6	434.3	440.4	439.0	434.6	426.4	423.1	22.5°
25°	439.8	454.1	463.4	473.8	479.3	482.0	488.0	488.0	483.4	480.9	480.6	25°
27.5°	491.6	509.1	524.5	528.0	542.3	545.6	551.3	551.3	546.9	543.9	558.5	27.5°
30°	549.1	567.5	594.1	611.9	629.1	646.1	645.9	647.0	652.2	654.9	661.2	30°
32.5°	606.7	629.4	657.6	696.3	733.3	764.8	805.6	831.7	823.7	801.5	792.7	32.5°
35°	676.6	701.8	736.0	774.9	842.6	883.4	903.2	917.1	918.8	921.8	928.1	35°
37.5°	754.4	796.6	836.3	880.4	918.0	967.6	1013.3	1050.0	1058.5	1075.8	1065.9	37.5°
40°	852.8	899.9	941.5	998.5	1048.9	1108.7	1174.2	1224.6	1244.9	1238.3	1189.0	40°
42.5°	955.8	1014.1	1062.9	1130.1	1195.5	1274.5	1342.1	1412.6	1425.2	1374.5	1300.8	42.5°
45°	1050.6	1122.9	1183.5	1253.4	1333.4	1427.9	1518.3	1590.7	1588.2	1501.4	1402.7	45°
47.5°	1135.8	1224.6	1298.6	1389.6	1475.6	1588.2	1692.1	1745.5	1714.0	1611.2	1490.4	47.5°
50°	1206.2	1316.9	1408.2	1500.3	1609.6	1745.2	1845.3	1875.4	1814.6	1702.8	1575.6	50°
52.5°	1263.0	1401.9	1504.4	1610.4	1748.5	1891.3	1977.3	1966.1	1887.4	1772.6	1646.0	52.5°
55°	1310.9	1466.8	1589.0	1714.3	1885.5	2017.1	2074.3	2044.2	1934.3	1817.8	1694.3	55°
57.5°	1360.5	1529.9	1666.9	1812.1	2002.8	2115.7	2147.5	2085.6	1956.5	1835.1	1715.1	57.5°
60°	1410.1	1582.5	1735.6	1897.6	2091.6	2196.3	2187.5	2094.9	1949.9	1822.5	1701.1	60°
62.5°	1443.5	1613.7	1775.6	1950.2	2158.2	2237.4	2183.7	2061.7	1911.8	1772.9	1659.5	62.5°
63°	1444.4	1614.8	1778.1	1953.8	2165.6	2238.7	2176.3	2049.9	1899.8	1762.8	1647.1	63°
65°	1427.1	1594.2	1756.2	1937.6	2159.3	2207.2	2112.4	1980.3	1831.0	1692.6	1583.0	65°
67.5°	1338.9	1509.3	1652.3	1823.3	2046.4	2060.1	1941.4	1834.8	1700.6	1557.3	1442.7	67.5°
70°	1161.0	1302.7	1443.0	1585.8	1772.9	1770.4	1658.9	1604.7	1487.1	1323.8	1232.0	70°
72.5°	923.4	1050.6	1149.2	1244.9	1368.2	1343.2	1271.5	1286.5	1210.3	1088.4	1033.9	72.5°
75°	685.6	825.3	873.6	912.5	964.6	964.8	984.6	1027.3	1026.2	958.5	889.7	75°
77.5°	449.7	602.6	618.7	650.0	712.5	797.4	885.1	979.3	1002.9	949.5	847.8	77.5°
80°	250.7	409.7	391.0	417.9	485.3	600.7	730.0	834.1	895.5	865.6	757.9	80°
82.5°	128.2	236.2	225.8	263.1	317.6	417.9	503.4	583.4	655.7	651.6	610.8	82.5°
85°	66.6	129.3	147.1	166.6	194.0	229.9	262.2	285.5	315.7	368.8	386.9	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	19.7	14.2	39.2	55.9	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
287.4	287.4	287.4	287.4	287.4	287.4	287.4
284.2	284.4	283.9	283.9	284.2	284.2	283.6
283.6	283.6	283.1	282.5	282.0	282.0	281.4
289.9	289.9	288.0	287.2	285.8	284.7	284.2
299.2	297.6	295.4	293.7	291.6	289.1	287.7
308.5	306.1	303.3	300.9	298.1	295.4	294.0
323.9	320.6	317.0	314.0	310.2	306.1	304.4
347.5	342.3	337.6	333.2	326.4	323.3	320.1
378.7	371.0	365.0	357.6	349.1	346.4	342.3
416.5	409.9	397.9	392.4	383.9	379.8	380.6
474.1	465.6	451.6	446.4	445.6	436.5	432.1
549.1	549.7	536.8	522.8	515.2	500.9	482.8
656.0	648.6	633.5	619.3	601.2	574.3	544.2
785.3	768.9	744.0	717.4	685.3	643.9	601.7
911.7	882.9	843.2	798.8	752.5	700.9	641.2
1022.6	978.0	918.5	867.5	802.1	737.7	664.8
1124.0	1068.7	992.0	925.9	848.6	765.9	679.6
1222.1	1152.0	1058.0	968.7	881.2	784.8	686.7
1315.6	1225.1	1113.6	1007.3	905.1	797.1	687.8
1387.4	1288.7	1163.5	1035.2	921.5	806.4	687.8
1454.0	1342.4	1201.6	1057.2	936.9	812.7	688.3
1505.7	1380.2	1226.2	1072.8	948.9	817.4	690.8
1543.3	1404.9	1242.7	1082.4	957.7	824.0	696.3
1569.6	1421.1	1251.7	1090.9	968.4	835.5	711.6
1582.2	1450.9	1266.8	1107.9	986.7	859.9	742.3
1572.6	1497.2	1309.8	1136.6	1012.2	898.0	791.4
1568.5	1505.7	1321.6	1142.9	1018.0	906.2	808.4
1536.4	1514.2	1370.1	1174.7	1045.4	942.6	855.8
1437.0	1480.8	1410.9	1228.4	1104.3	1031.1	944.3
1308.2	1431.2	1403.5	1235.3	1141.8	1103.8	1000.2
1153.9	1281.3	1255.6	1144.0	1100.5	1104.6	985.6
908.1	1003.7	986.7	947.6	956.3	986.5	844.3
727.5	714.6	675.5	678.2	728.9	764.2	607.8
594.3	481.2	430.2	431.6	520.1	556.8	387.2
565.6	455.1	370.7	323.9	378.4	364.4	202.2
402.8	403.6	334.9	272.1	263.6	224.1	126.0
95.4	76.5	54.5	40.6	42.7	28.2	14.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)