

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: P181131

Luminaire Tested: **ICS-F02-LED-E1-SLR-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181131  
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-F02-LED-E1-SLR-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (14) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3489.7 lumens  
Efficiency: N/A  
Efficacy: 63.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 55  
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

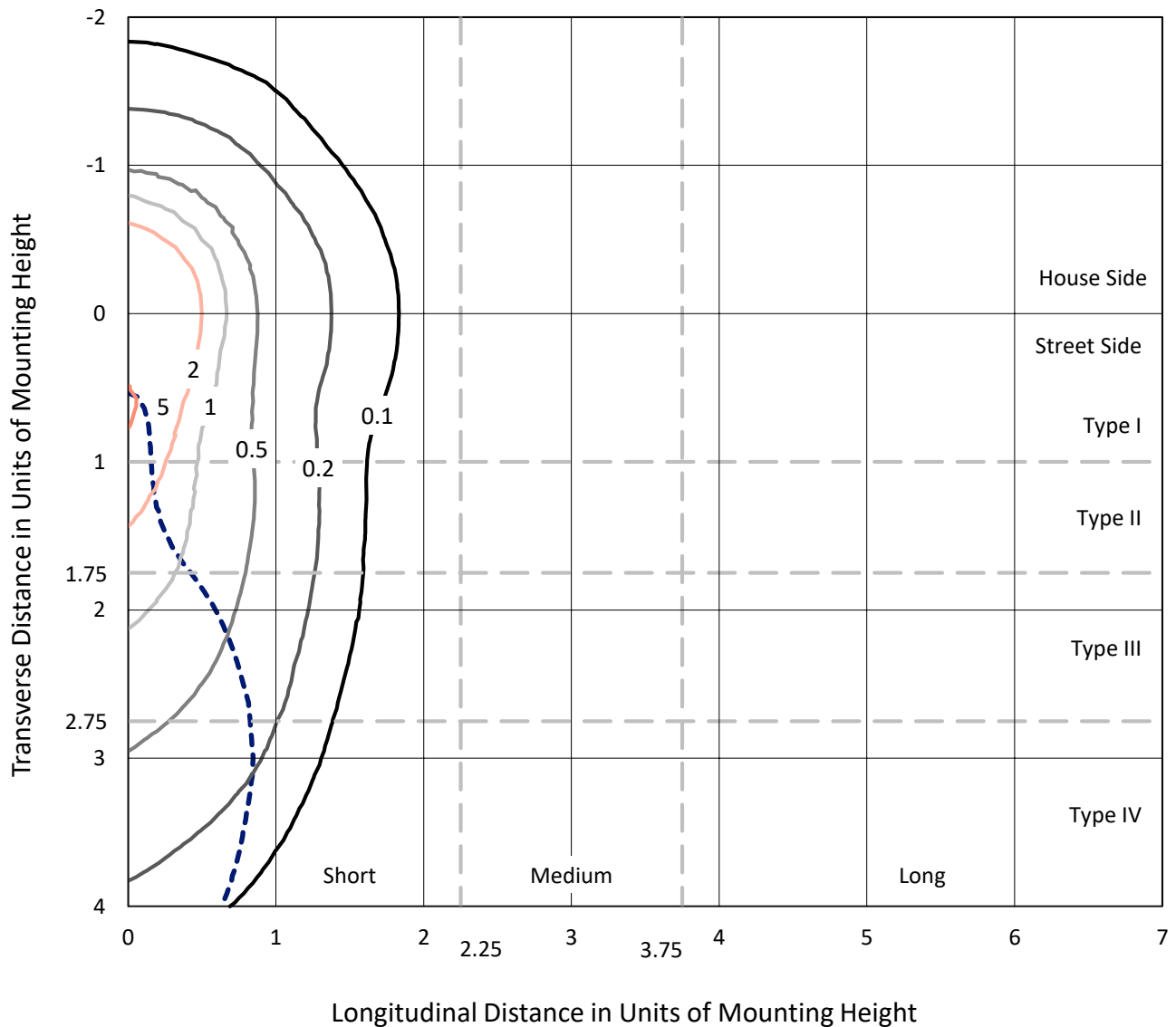


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

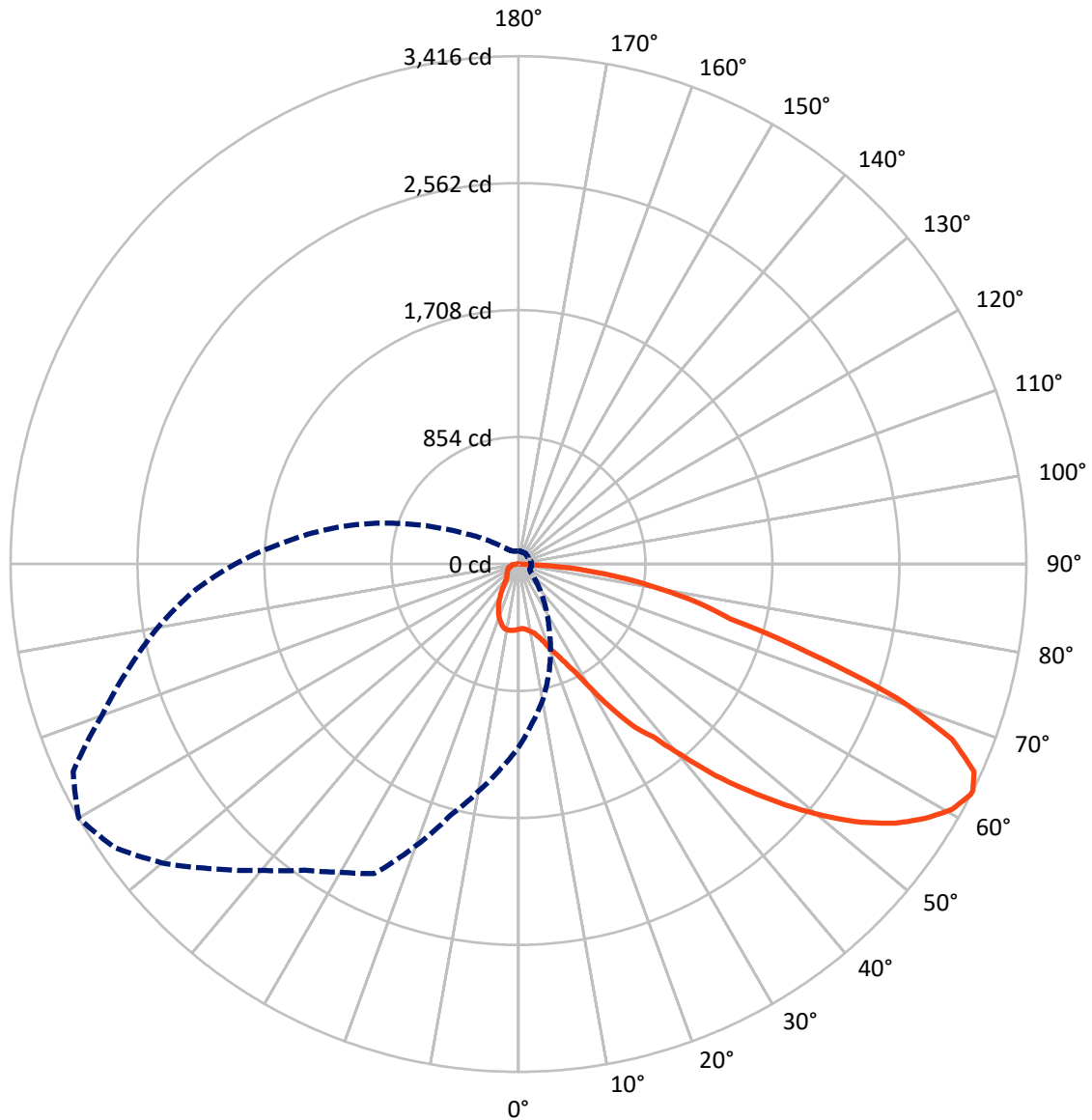


Based on 10 foot mounting height. Maximum calculated value = 5.5 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	756.7	0.0	756.7
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	2733.0	0.0	2733.0
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	3489.7	0.0	3489.7
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.7	1.2
10°-20°	133.0	3.8
20°-30°	236.2	6.8
30°-40°	372.0	10.7
40°-50°	547.4	15.7
50°-60°	727.1	20.8
60°-70°	800.9	23.0
70°-80°	502.5	14.4
80°-90°	128.0	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°	3489.7	100.0
0°-180°	3489.7	100.0



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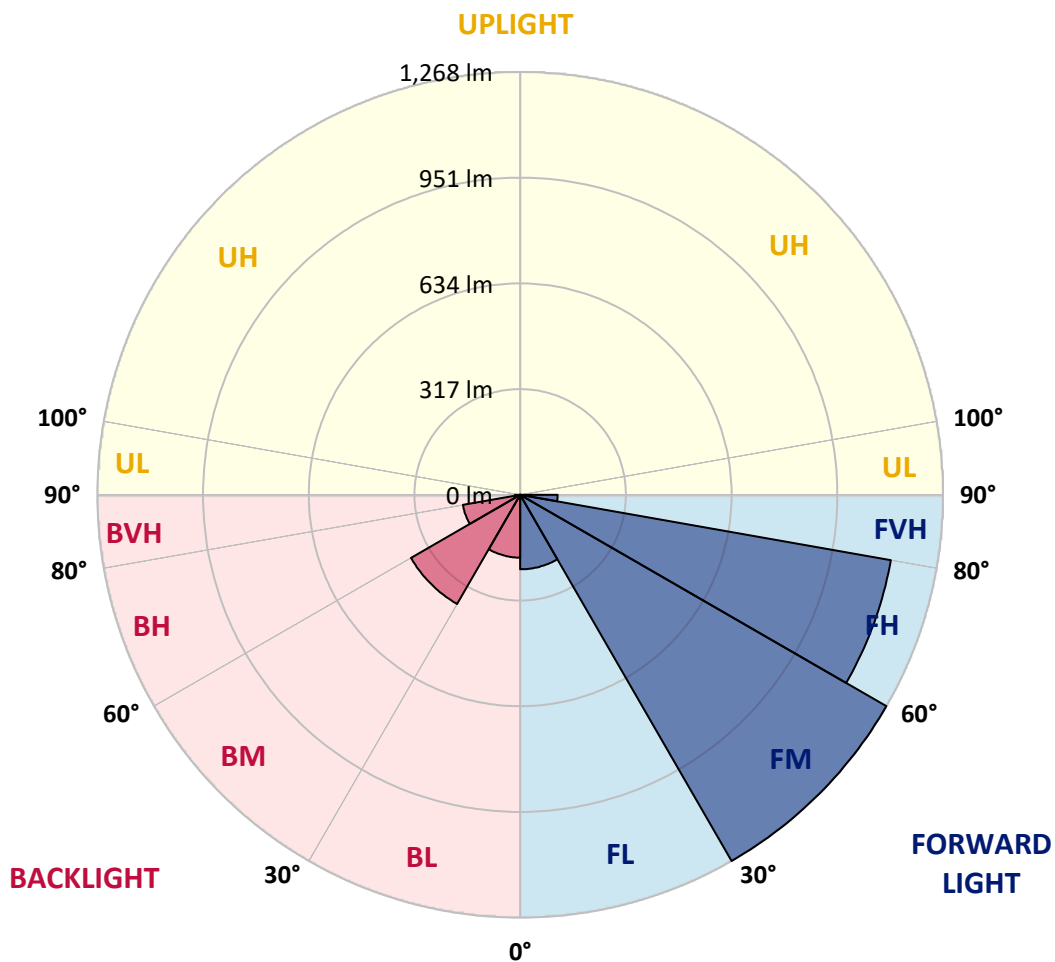
CATALOG NUMBER: ICS-F02-LED-E1-SLR-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	223.5	6.4			
FM	(30°-60°)	1268.3	36.3			
FH	(60°-80°)	1129.0	32.4			G1/1800
FVH	(80°-90°)	112.3	3.2			G2/225
BL	(0°-30°)	188.4	5.4	B1/500		
BM	(30°-60°)	378.2	10.8	B1/1000		
BH	(60°-80°)	174.4	5.0	B1/500		G1/500
BVH	(80°-90°)	15.7	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-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5
2.5°	432.7	434.0	433.5	433.5	434.4	434.0	434.0	434.4	434.4	435.6	437.3
5°	429.4	428.9	428.1	428.9	428.9	428.9	427.3	428.5	428.9	429.8	429.8
7.5°	433.5	432.3	430.6	431.0	431.0	430.2	428.9	429.4	428.9	428.9	428.5
10°	439.0	436.0	434.0	434.0	434.0	433.1	431.0	432.3	432.3	431.9	432.3
12.5°	448.6	445.2	442.7	441.9	441.9	440.6	439.0	440.6	439.8	439.8	439.0
15°	464.5	460.7	457.8	455.3	455.7	455.7	453.6	452.3	450.7	448.6	444.4
17.5°	488.3	484.1	480.4	478.3	478.7	475.8	469.9	464.1	456.1	448.2	439.4
20°	522.2	520.9	515.9	513.8	508.8	501.7	485.4	471.6	456.1	441.1	426.0
22.5°	580.7	574.8	569.8	561.9	545.2	525.5	498.3	474.1	449.8	428.5	408.4
25°	659.3	648.8	624.2	599.9	565.6	530.5	493.7	462.4	432.3	404.3	379.6
27.5°	736.6	704.9	661.0	617.1	566.9	520.9	474.9	437.7	402.6	372.1	344.9
30°	830.3	776.8	709.5	640.1	569.0	507.1	451.9	408.4	367.9	335.7	307.3
32.5°	918.1	840.7	752.5	661.4	573.6	494.2	425.6	376.3	334.5	293.9	265.9
35°	978.3	877.9	770.9	663.5	562.3	469.5	392.6	334.5	292.6	255.0	222.0
37.5°	1014.2	894.2	771.7	648.4	536.0	436.0	350.8	293.1	254.6	218.6	192.7
40°	1036.8	898.0	760.9	626.7	502.5	393.8	308.9	257.1	222.0	193.1	173.1
42.5°	1047.7	892.1	743.3	599.1	468.6	356.2	279.7	230.8	200.3	179.8	164.7
45°	1049.3	881.7	724.5	574.0	438.5	329.0	259.6	219.9	194.8	177.7	162.6
47.5°	1049.3	872.5	709.5	555.6	418.9	317.3	257.9	224.5	199.8	180.6	162.6
50°	1050.2	869.6	703.2	546.4	412.2	323.6	272.2	238.7	210.7	185.6	162.2
52.5°	1053.9	873.3	708.2	553.5	424.3	348.7	298.9	260.0	224.9	191.5	162.2
55°	1062.3	885.9	729.5	578.2	456.9	386.7	331.1	283.0	236.2	194.0	159.7
57.5°	1085.7	917.7	768.4	625.8	512.5	430.6	360.4	299.3	240.4	191.9	154.7
60°	1132.5	980.8	834.9	692.7	571.5	468.2	377.5	301.8	236.6	185.2	146.7
62.5°	1207.4	1053.1	915.6	765.5	623.8	489.1	379.6	295.6	226.6	173.1	135.0
63°	1233.3	1071.1	932.7	779.3	630.4	490.8	377.9	293.1	224.1	169.7	133.4
65°	1305.6	1146.7	992.1	827.8	649.3	491.2	368.7	280.5	212.4	156.8	121.7
67.5°	1440.6	1246.2	1066.9	865.8	655.9	477.8	345.3	257.1	187.7	136.7	107.0
70°	1525.9	1301.9	1095.7	866.6	636.3	439.8	304.8	219.1	156.4	113.3	92.0
72.5°	1503.8	1247.1	1019.7	788.5	551.4	367.5	245.0	172.2	122.1	90.7	76.5
75°	1288.1	1038.1	831.9	610.8	416.8	270.1	179.3	122.9	90.3	71.1	64.0
77.5°	927.3	747.1	596.6	435.2	280.9	174.8	119.1	87.8	68.6	58.5	52.7
80°	590.7	438.1	365.0	261.7	164.3	108.3	81.9	66.5	56.4	48.9	45.2
82.5°	308.5	216.1	175.6	133.8	91.1	71.5	60.2	54.3	46.4	40.6	38.5
85°	192.3	127.5	94.5	66.1	45.6	41.0	37.6	36.8	33.0	29.3	28.0
87.5°	21.7	19.6	20.5	13.0	9.6	10.5	10.0	13.4	13.0	9.6	10.0
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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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5
2.5°	435.6	436.5	436.5	437.7	437.7	438.5	439.4	439.4	440.2	440.6	441.5
5°	430.6	430.6	430.6	432.3	432.7	435.2	436.0	436.9	437.7	440.6	442.3
7.5°	429.4	427.7	428.5	428.5	429.8	431.9	434.0	435.2	436.5	440.2	442.7
10°	431.9	430.6	429.4	429.4	429.8	430.6	432.3	433.5	434.4	438.1	440.2
12.5°	438.5	435.6	433.1	431.0	429.4	428.9	428.1	428.5	429.4	431.4	434.4
15°	439.8	434.4	428.9	423.5	419.3	416.8	414.7	413.9	413.9	415.1	418.5
17.5°	431.4	422.2	414.3	407.2	402.6	398.0	395.9	394.2	393.4	395.1	395.5
20°	413.5	402.6	391.7	383.4	375.0	373.7	370.4	371.2	372.1	374.6	375.8
22.5°	388.8	375.8	362.5	353.7	347.0	341.1	337.4	339.0	340.3	342.8	344.1
25°	358.7	339.9	325.7	316.9	309.8	304.8	300.6	302.3	300.6	303.5	308.1
27.5°	323.2	301.0	286.0	275.9	270.9	266.7	262.5	262.5	266.7	266.7	270.5
30°	280.1	263.8	244.1	233.7	227.4	224.9	224.5	223.7	226.6	228.3	232.4
32.5°	239.6	219.5	200.7	190.6	185.2	182.3	182.7	183.1	184.4	186.9	193.6
35°	198.6	181.0	167.6	156.4	150.9	145.5	145.5	144.7	145.9	148.8	156.8
37.5°	172.2	156.8	146.3	137.5	132.1	128.8	125.8	124.6	124.6	125.8	128.8
40°	157.6	146.3	136.7	129.2	124.2	121.2	119.6	118.3	117.5	117.5	117.9
42.5°	150.9	139.2	129.6	122.9	119.1	117.5	117.1	116.6	115.4	115.0	114.5
45°	147.6	134.2	123.3	117.9	115.0	114.1	114.5	114.5	114.1	113.3	111.6
47.5°	145.1	129.6	118.7	113.7	112.5	112.5	112.5	112.5	112.0	111.6	110.4
50°	140.9	122.5	110.8	107.0	106.2	106.2	106.6	106.6	107.4	106.6	105.8
52.5°	136.3	115.8	104.1	100.8	100.3	99.9	99.9	99.9	100.3	100.3	99.9
55°	131.3	110.8	100.8	98.2	98.7	98.2	97.8	97.4	97.4	97.0	96.2
57.5°	126.3	106.6	98.2	96.6	97.0	97.0	96.2	95.3	94.9	93.6	92.8
60°	118.7	100.8	93.2	92.4	93.6	93.6	93.6	93.2	93.2	92.8	90.7
62.5°	108.7	92.4	86.5	87.0	87.4	88.2	88.2	88.2	88.2	87.4	85.3
63°	106.6	90.7	85.3	85.3	86.5	86.5	87.0	86.5	87.0	86.1	83.6
65°	98.2	85.3	81.1	81.5	82.4	82.4	82.4	81.9	81.9	80.7	79.4
67.5°	88.6	78.6	76.1	76.5	76.9	77.8	77.3	77.3	77.8	76.9	75.7
70°	77.8	71.5	69.8	70.2	70.7	70.7	70.2	70.2	70.7	69.8	68.6
72.5°	69.4	66.9	65.6	65.6	64.8	64.8	64.0	63.5	63.1	63.1	61.9
75°	58.5	58.1	58.5	59.4	58.5	57.7	57.3	56.0	55.2	55.2	54.8
77.5°	50.2	50.2	51.0	52.3	52.7	52.7	51.4	49.3	48.9	48.9	48.9
80°	43.5	42.6	42.6	43.9	45.2	44.7	42.6	40.6	40.6	42.6	43.1
82.5°	38.0	38.0	36.8	37.2	36.8	36.4	34.3	33.0	32.6	34.3	36.0
85°	30.1	30.5	30.1	29.7	29.3	28.0	26.3	25.1	24.7	26.3	28.8
87.5°	12.1	11.7	11.3	11.7	11.3	12.1	11.7	10.9	10.5	11.7	14.2
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°	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5
2.5°	441.9	442.7	443.6	443.6	444.4	444.0	444.4	444.8	444.8	445.2	445.2
5°	444.4	445.7	447.3	449.0	449.4	450.7	451.9	451.1	452.3	454.0	454.0
7.5°	445.2	448.2	449.4	451.9	452.3	454.0	456.9	454.9	457.4	458.6	459.0
10°	444.0	446.9	449.0	451.9	453.2	456.1	459.0	458.2	461.1	463.2	463.6
12.5°	436.5	439.4	444.0	448.2	451.5	456.1	461.5	459.9	464.1	466.6	467.8
15°	421.8	424.8	429.8	436.5	442.7	449.8	456.9	458.2	462.4	465.3	466.6
17.5°	398.8	402.6	408.0	415.1	423.1	435.2	444.4	449.0	454.9	456.5	458.6
20°	377.5	381.3	384.6	388.8	394.7	406.4	418.5	427.7	435.2	441.5	443.1
22.5°	349.1	352.4	356.6	360.0	364.1	372.5	382.5	393.0	404.7	408.4	412.6
25°	314.8	316.9	322.7	324.8	327.8	334.9	342.8	350.3	361.6	369.6	371.7
27.5°	278.0	280.1	285.5	286.8	290.6	297.2	303.1	306.0	316.5	324.8	331.5
30°	235.4	240.8	247.5	248.3	252.5	256.7	262.1	265.1	274.7	283.4	291.8
32.5°	198.6	204.0	209.5	212.8	214.9	218.2	223.7	226.6	235.8	243.7	252.1
35°	161.0	167.6	173.5	178.1	179.8	183.9	188.1	191.1	200.7	207.8	213.6
37.5°	132.5	137.5	143.8	148.4	153.0	155.9	161.0	165.1	171.0	174.8	181.0
40°	118.7	121.2	124.6	128.3	132.1	135.5	139.2	142.6	146.3	151.3	155.5
42.5°	114.1	114.5	114.5	115.8	117.9	119.6	122.9	125.4	127.9	131.7	133.8
45°	110.8	110.4	109.5	108.7	109.1	110.0	112.0	113.7	116.6	118.3	118.7
47.5°	109.1	107.4	105.8	104.5	104.1	104.5	106.2	107.9	109.5	110.8	111.2
50°	103.7	102.4	99.9	98.2	97.4	98.2	100.3	101.2	102.8	104.1	104.5
52.5°	98.2	96.6	94.9	93.2	93.2	93.6	95.3	97.0	98.7	99.1	99.9
55°	94.9	92.4	90.7	89.5	88.6	89.9	91.1	93.2	95.3	95.7	96.6
57.5°	91.6	89.0	87.4	86.1	85.3	86.5	87.8	90.7	93.2	93.2	93.2
60°	89.5	87.4	84.9	83.6	82.4	83.6	85.3	88.2	90.7	90.3	89.9
62.5°	83.6	81.5	80.3	80.3	79.0	81.1	82.8	86.1	86.5	85.7	84.9
63°	81.9	80.3	79.4	79.4	78.6	80.7	82.4	85.3	85.3	84.4	83.6
65°	77.8	76.5	75.7	76.5	76.5	78.6	79.0	81.1	80.7	79.4	79.0
67.5°	74.4	73.6	72.7	72.7	72.7	73.2	73.6	74.4	74.0	73.6	74.0
70°	69.0	68.6	67.7	67.7	67.3	67.3	67.3	67.7	67.7	68.1	68.6
72.5°	62.3	61.5	61.5	61.9	61.0	61.5	61.9	61.5	62.3	62.3	62.7
75°	54.8	54.3	55.2	56.0	55.6	55.6	56.0	56.0	56.4	56.4	56.9
77.5°	48.9	49.3	49.7	50.6	51.0	51.0	51.0	50.6	51.0	51.0	51.4
80°	43.5	44.3	45.2	46.0	46.4	46.4	46.4	46.0	46.0	46.0	46.0
82.5°	39.3	40.6	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.0	40.1
85°	33.0	35.5	35.5	36.0	34.7	33.9	33.0	33.4	33.9	32.2	31.8
87.5°	16.7	16.7	17.6	18.4	18.8	18.8	21.3	20.1	19.6	19.2	18.4
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):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5
2.5°	445.7	445.2	446.1	445.2	445.7	446.1	445.2	446.5	447.3	446.1	444.8
5°	454.9	454.9	456.9	457.8	458.2	460.7	459.5	460.3	461.1	460.7	461.1
7.5°	460.7	462.4	464.5	466.6	467.0	469.1	468.6	469.9	470.7	472.8	472.8
10°	465.7	467.8	470.7	472.8	474.9	476.6	477.4	479.9	480.4	482.0	482.0
12.5°	470.3	472.8	475.8	479.1	481.2	484.5	485.0	488.7	490.0	490.4	489.1
15°	469.5	472.4	475.8	479.5	483.3	487.5	490.0	493.7	495.8	496.7	494.6
17.5°	461.5	464.1	468.2	473.2	477.8	483.3	487.9	493.3	496.7	497.5	497.1
20°	446.1	447.7	453.2	459.9	465.3	473.7	480.4	488.7	494.2	498.3	499.6
22.5°	415.6	419.7	425.2	432.7	440.6	451.1	460.7	472.8	484.5	494.6	504.6
25°	378.8	386.3	394.7	404.7	414.3	425.2	436.0	449.8	467.0	487.9	511.7
27.5°	341.6	354.5	365.0	377.9	389.2	400.1	412.2	427.3	446.1	471.2	501.7
30°	303.9	318.6	329.9	344.9	360.0	374.6	386.7	402.6	421.0	446.5	479.9
32.5°	263.8	278.4	291.8	305.6	322.3	339.9	354.5	374.2	393.8	420.2	454.0
35°	222.4	235.4	246.7	261.3	279.7	298.5	317.7	340.3	361.6	389.2	425.2
37.5°	186.5	195.7	206.5	219.5	233.7	253.8	275.5	302.3	326.5	356.6	393.4
40°	156.8	161.8	168.1	178.9	191.9	211.5	232.9	261.3	290.6	323.6	359.1
42.5°	133.8	136.3	138.0	145.1	155.5	174.8	195.2	222.8	255.0	291.0	326.9
45°	118.7	120.0	120.4	124.2	131.7	148.4	169.7	193.1	224.1	259.2	296.8
47.5°	111.6	112.9	113.7	114.5	119.1	132.1	151.3	173.5	201.9	234.1	272.6
50°	105.8	107.0	108.3	107.9	110.0	118.3	134.6	155.1	181.9	211.5	249.6
52.5°	99.9	100.8	100.8	100.8	102.0	107.4	119.1	138.0	162.6	190.6	228.3
55°	96.6	97.4	97.8	98.2	98.7	101.6	110.4	125.4	146.7	172.7	206.5
57.5°	93.2	93.6	94.5	94.9	95.7	97.4	102.8	113.7	131.7	153.4	181.9
60°	90.3	91.1	92.8	93.2	94.1	94.5	97.0	103.7	115.4	132.1	155.1
62.5°	85.7	87.0	88.6	89.0	89.9	90.3	90.7	94.5	99.9	110.0	127.1
63°	84.4	85.7	87.8	88.2	88.6	88.6	89.0	91.6	96.6	105.4	117.9
65°	79.9	81.5	82.8	83.2	83.6	83.6	83.2	84.0	84.4	88.2	95.7
67.5°	74.8	76.1	76.9	77.3	76.9	77.3	76.9	76.1	75.3	76.1	79.4
70°	69.8	70.7	70.7	71.1	71.5	71.9	71.1	70.2	69.4	69.0	71.1
72.5°	64.0	64.8	64.8	65.2	65.2	66.1	66.1	65.6	65.6	66.1	66.5
75°	58.1	58.9	58.5	59.4	59.4	60.6	60.6	61.0	61.9	61.5	61.0
77.5°	52.7	53.1	53.1	53.5	53.9	56.0	57.3	57.7	57.7	56.9	56.0
80°	46.8	46.8	46.0	45.6	46.0	48.1	50.6	51.0	52.3	51.8	52.3
82.5°	39.3	37.6	36.4	36.4	37.2	38.5	39.3	40.1	41.0	41.0	41.8
85°	30.1	28.4	27.2	27.6	28.8	29.3	28.8	28.8	30.5	31.8	30.5
87.5°	18.0	16.3	15.5	14.2	14.6	15.9	15.5	14.2	14.6	11.7	10.9
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°	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5
2.5°	445.7	445.2	444.4	443.1	442.7	441.9	442.3	441.1	440.2	439.4	438.1
5°	461.1	461.1	458.6	458.6	457.4	456.9	454.0	452.8	450.3	451.1	448.2
7.5°	472.0	473.2	470.3	469.9	468.2	467.8	464.1	462.8	460.7	459.9	457.4
10°	479.9	479.9	476.2	473.2	471.2	469.1	465.3	463.6	462.0	462.4	460.7
12.5°	486.2	483.3	477.8	473.7	470.7	468.6	465.7	464.5	464.1	467.0	467.4
15°	491.2	487.0	480.4	477.4	474.9	474.5	474.5	475.8	478.7	484.1	488.3
17.5°	494.2	491.6	488.3	487.5	491.6	494.2	497.5	501.3	505.4	513.0	517.6
20°	499.6	501.3	503.8	507.1	513.8	520.1	524.3	529.7	534.7	543.9	551.4
22.5°	513.8	523.4	531.4	538.0	548.1	556.9	562.3	569.8	573.6	579.9	591.6
25°	532.2	551.8	568.6	582.8	598.2	607.4	615.0	624.6	630.4	640.9	651.3
27.5°	526.8	554.8	579.9	606.2	627.5	651.3	668.1	684.0	694.0	709.5	723.3
30°	510.0	543.5	577.3	612.0	645.9	680.2	712.0	740.8	763.0	785.1	807.7
32.5°	487.5	525.9	567.3	610.0	654.3	701.9	745.8	789.3	826.1	858.3	889.6
35°	461.5	505.0	548.1	600.8	655.5	716.1	777.2	837.4	893.4	950.3	988.7
37.5°	430.6	474.9	523.0	583.6	648.0	722.8	800.6	879.2	958.6	1035.1	1101.6
40°	397.6	442.7	493.3	559.0	631.7	718.7	815.6	921.4	1030.5	1141.3	1229.5
42.5°	368.3	414.7	469.9	536.4	615.4	713.2	827.8	957.8	1091.1	1228.3	1357.9
45°	339.9	390.9	449.0	520.5	608.3	717.4	845.7	991.6	1145.5	1311.9	1469.9
47.5°	314.4	366.2	422.7	500.8	597.8	719.5	863.3	1025.5	1196.9	1377.1	1564.8
50°	291.4	341.6	397.2	475.8	581.5	718.2	879.2	1056.0	1241.2	1428.5	1638.0
52.5°	268.8	319.8	376.7	451.5	561.5	711.1	886.7	1081.1	1282.2	1480.4	1696.9
55°	246.7	296.8	354.1	428.5	535.1	692.7	885.9	1097.4	1314.8	1529.3	1753.8
57.5°	220.7	268.4	324.4	403.0	507.1	664.3	873.3	1104.9	1342.8	1577.8	1821.9
60°	188.5	233.3	287.2	365.8	470.3	627.9	847.0	1100.8	1359.1	1613.7	1880.0
62.5°	148.8	187.7	237.0	314.0	424.3	575.7	797.7	1062.7	1333.2	1608.7	1907.2
63°	140.5	177.3	225.3	301.4	404.7	561.5	783.0	1047.7	1320.7	1598.3	1903.4
65°	112.9	136.7	175.2	243.3	338.6	491.6	710.3	970.3	1253.4	1524.7	1849.1
67.5°	86.5	98.7	119.1	166.8	239.6	386.7	575.3	822.3	1087.8	1342.8	1673.9
70°	74.0	79.4	88.2	110.8	152.2	244.1	403.8	613.3	843.2	1064.4	1362.1
72.5°	67.3	69.8	74.4	84.0	104.5	146.3	257.5	399.3	573.6	758.8	988.7
75°	61.9	64.0	67.7	72.7	80.3	97.4	146.7	244.1	372.9	498.3	667.2
77.5°	56.4	57.7	61.9	66.5	71.5	80.3	97.0	140.5	214.5	293.9	402.2
80°	51.8	51.0	53.9	61.5	66.5	71.5	76.5	91.1	122.1	161.0	217.4
82.5°	41.4	42.2	44.7	52.3	54.3	53.1	53.9	56.4	68.1	74.4	111.2
85°	28.0	25.9	25.5	26.3	26.3	25.1	25.1	24.7	27.2	30.9	53.1
87.5°	7.5	3.8	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°	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	0°
2.5°	437.3	436.9	437.3	435.2	435.2	434.8	434.4	433.5	433.5	431.9	433.1	2.5°
5°	445.7	444.8	443.1	440.6	439.4	437.7	437.7	436.0	434.8	433.1	433.5	5°
7.5°	455.3	455.7	452.8	450.7	449.8	448.2	448.6	446.1	446.5	445.2	444.4	7.5°
10°	460.7	460.7	461.5	461.1	462.0	462.0	463.2	461.5	460.7	459.5	459.5	10°
12.5°	469.5	471.2	474.5	474.5	477.0	477.8	478.3	479.1	477.4	476.6	473.7	12.5°
15°	491.2	495.4	498.3	502.5	507.5	509.2	509.2	507.5	506.7	505.4	500.0	15°
17.5°	527.2	536.4	538.9	545.6	546.4	548.5	554.4	551.0	548.9	540.1	538.5	17.5°
20°	564.0	575.7	587.4	595.7	599.9	608.3	609.5	607.9	599.5	591.1	587.4	20°
22.5°	608.3	625.8	639.2	652.2	658.5	662.6	671.8	669.7	663.0	650.5	645.5	22.5°
25°	671.0	692.7	706.9	722.8	731.2	735.4	744.6	744.6	737.5	733.7	733.3	25°
27.5°	750.0	776.8	800.2	805.6	827.3	832.4	841.1	841.1	834.5	829.9	852.0	27.5°
30°	837.8	865.8	906.4	933.5	959.9	985.8	985.4	987.0	995.0	999.2	1008.8	30°
32.5°	925.6	960.3	1003.4	1062.3	1118.7	1166.8	1229.1	1268.8	1256.7	1222.8	1209.5	32.5°
35°	1032.2	1070.7	1122.9	1182.3	1285.5	1347.8	1377.9	1399.3	1401.8	1406.4	1416.0	35°
37.5°	1150.9	1215.3	1275.9	1343.2	1400.5	1476.2	1546.0	1602.0	1615.0	1641.3	1626.3	37.5°
40°	1301.0	1372.9	1436.5	1523.4	1600.3	1691.5	1791.4	1868.3	1899.3	1889.2	1814.0	40°
42.5°	1458.2	1547.3	1621.7	1724.1	1824.0	1944.4	2047.7	2155.1	2174.4	2097.0	1984.6	42.5°
45°	1602.9	1713.2	1805.6	1912.2	2034.3	2178.5	2316.5	2426.9	2423.1	2290.6	2140.1	45°
47.5°	1732.9	1868.3	1981.2	2120.0	2251.3	2423.1	2581.5	2663.1	2615.0	2458.2	2273.9	47.5°
50°	1840.3	2009.2	2148.4	2288.9	2455.7	2662.7	2815.2	2861.2	2768.4	2597.9	2403.9	50°
52.5°	1926.9	2138.8	2295.2	2457.0	2667.7	2885.5	3016.8	2999.6	2879.6	2704.5	2511.3	52.5°
55°	2000.0	2237.9	2424.4	2615.4	2876.7	3077.4	3164.7	3118.8	2951.1	2773.4	2584.9	55°
57.5°	2075.7	2334.1	2543.1	2764.7	3055.6	3227.9	3276.4	3181.9	2985.0	2799.8	2616.7	57.5°
60°	2151.4	2414.3	2648.0	2895.1	3191.1	3350.8	3337.4	3196.1	2974.9	2780.5	2595.3	60°
62.5°	2202.4	2462.0	2709.1	2975.4	3292.7	3413.5	3331.6	3145.5	2916.8	2704.9	2531.8	62.5°
63°	2203.6	2463.7	2712.8	2980.8	3304.0	3415.6	3320.3	3127.5	2898.4	2689.4	2513.0	63°
65°	2177.3	2432.3	2679.4	2956.1	3294.3	3367.5	3222.9	3021.3	2793.5	2582.4	2415.2	65°
67.5°	2042.7	2302.7	2520.9	2781.8	3122.1	3143.0	2962.0	2799.4	2594.5	2375.9	2201.1	67.5°
70°	1771.3	1987.5	2201.5	2419.3	2704.9	2701.1	2531.0	2448.2	2268.8	2019.7	1879.6	70°
72.5°	1408.9	1602.9	1753.4	1899.3	2087.4	2049.4	1939.8	1962.8	1846.6	1660.6	1577.4	72.5°
75°	1046.0	1259.2	1332.8	1392.2	1471.6	1472.0	1502.1	1567.3	1565.6	1462.4	1357.5	75°
77.5°	686.0	919.3	944.0	991.6	1087.0	1216.6	1350.3	1494.2	1530.1	1448.6	1293.5	77.5°
80°	382.5	625.0	596.6	637.5	740.4	916.4	1113.7	1272.6	1366.2	1320.7	1156.4	80°
82.5°	195.7	360.4	344.5	401.3	484.5	637.5	768.0	890.1	1000.4	994.2	931.9	82.5°
85°	101.6	197.3	224.5	254.2	296.0	350.8	400.1	435.6	481.6	562.7	590.3	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0	30.1	21.7	59.8	85.3	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°
438.5	438.5	438.5	438.5	438.5	438.5	438.5
433.5	434.0	433.1	433.1	433.5	433.5	432.7
432.7	432.7	431.9	431.0	430.2	430.2	429.4
442.3	442.3	439.4	438.1	436.0	434.4	433.5
456.5	454.0	450.7	448.2	444.8	441.1	439.0
470.7	467.0	462.8	459.0	454.9	450.7	448.6
494.2	489.1	483.7	479.1	473.2	467.0	464.5
530.1	522.2	515.1	508.4	497.9	493.3	488.3
577.8	566.1	556.9	545.6	532.6	528.4	522.2
635.5	625.4	607.0	598.7	585.7	579.4	580.7
723.3	710.3	689.0	681.0	679.8	666.0	659.3
837.8	838.6	819.0	797.7	786.0	764.2	736.6
1000.8	989.6	966.6	944.8	917.2	876.3	830.3
1198.2	1173.1	1135.0	1094.5	1045.6	982.5	918.1
1390.9	1347.0	1286.4	1218.7	1148.0	1069.4	978.3
1560.2	1492.1	1401.4	1323.6	1223.7	1125.4	1014.2
1714.9	1630.4	1513.4	1412.6	1294.7	1168.5	1036.8
1864.6	1757.5	1614.1	1477.9	1344.5	1197.3	1047.7
2007.1	1869.2	1699.0	1536.8	1380.9	1216.1	1049.3
2116.7	1966.2	1775.1	1579.4	1405.9	1230.4	1049.3
2218.2	2048.1	1833.2	1612.9	1429.4	1240.0	1050.2
2297.3	2105.8	1870.8	1636.7	1447.8	1247.1	1053.9
2354.5	2143.4	1895.9	1651.4	1461.1	1257.1	1062.3
2394.7	2168.1	1909.7	1664.3	1477.4	1274.7	1085.7
2413.9	2213.6	1932.7	1690.2	1505.4	1311.9	1132.5
2399.3	2284.3	1998.3	1734.1	1544.3	1370.0	1207.4
2393.0	2297.3	2016.3	1743.7	1553.1	1382.5	1233.3
2344.1	2310.2	2090.3	1792.2	1594.9	1438.1	1305.6
2192.3	2259.2	2152.6	1874.2	1684.8	1573.2	1440.6
1995.8	2183.5	2141.3	1884.6	1742.1	1684.0	1525.9
1760.5	1954.9	1915.6	1745.4	1678.9	1685.2	1503.8
1385.5	1531.4	1505.4	1445.7	1459.0	1505.0	1288.1
1110.0	1090.3	1030.5	1034.7	1112.1	1166.0	927.3
906.8	734.1	656.4	658.5	793.5	849.5	590.7
862.9	694.4	565.6	494.2	577.3	556.0	308.5
614.6	615.8	510.9	415.1	402.2	342.0	192.3
145.5	116.6	83.2	61.9	65.2	43.1	21.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)