

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: P181066

Luminaire Tested: **ICM-E02-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181066
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: ICM-E02-LED-E1-SLR-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4369.1 lumens
Efficiency: N/A
Efficacy: 83.9 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): 52.1
Input Voltage (V): NR
Input Current (A_{in}): 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

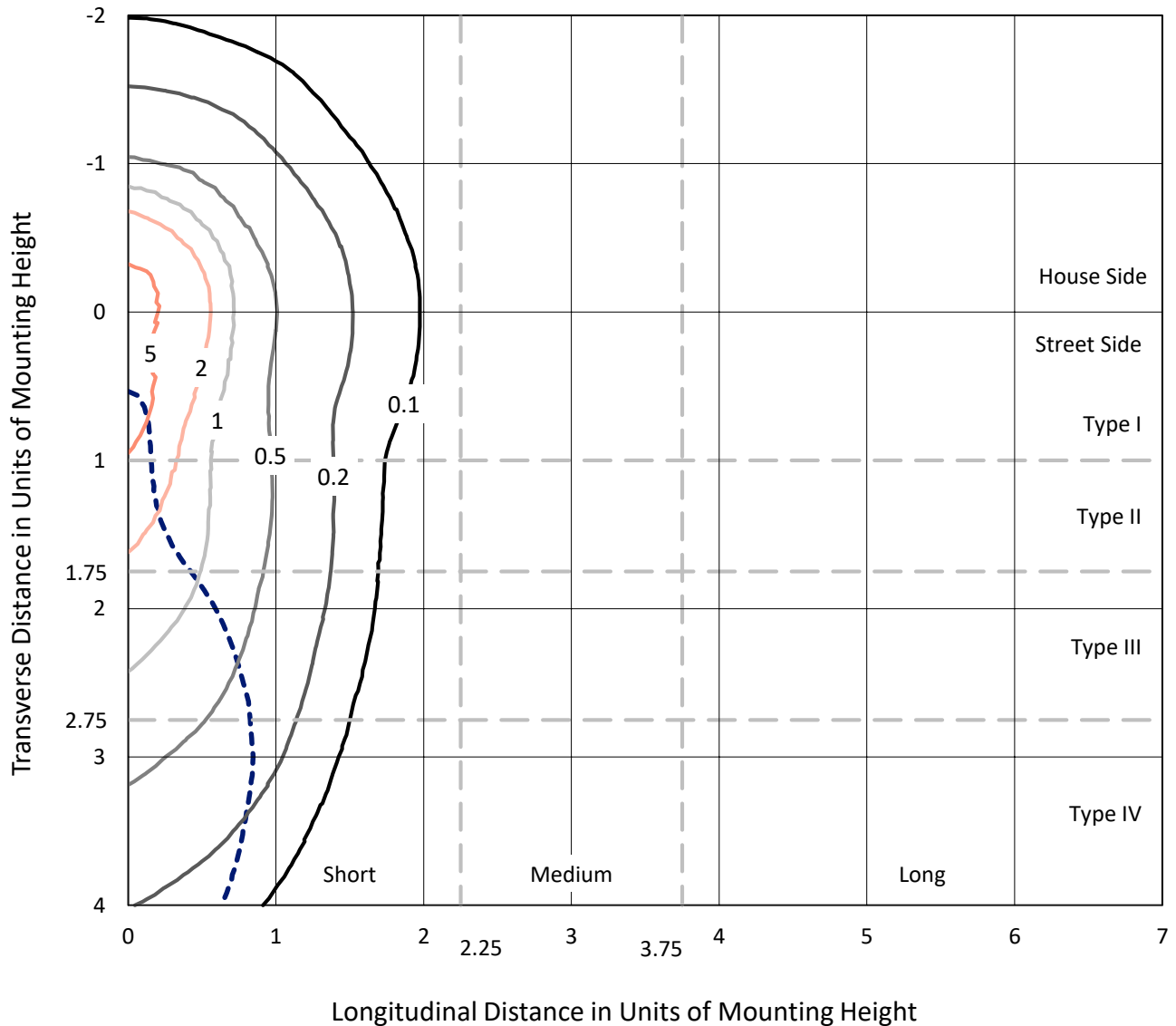


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Iso-Footcandle Lines of Horizontal Illumination

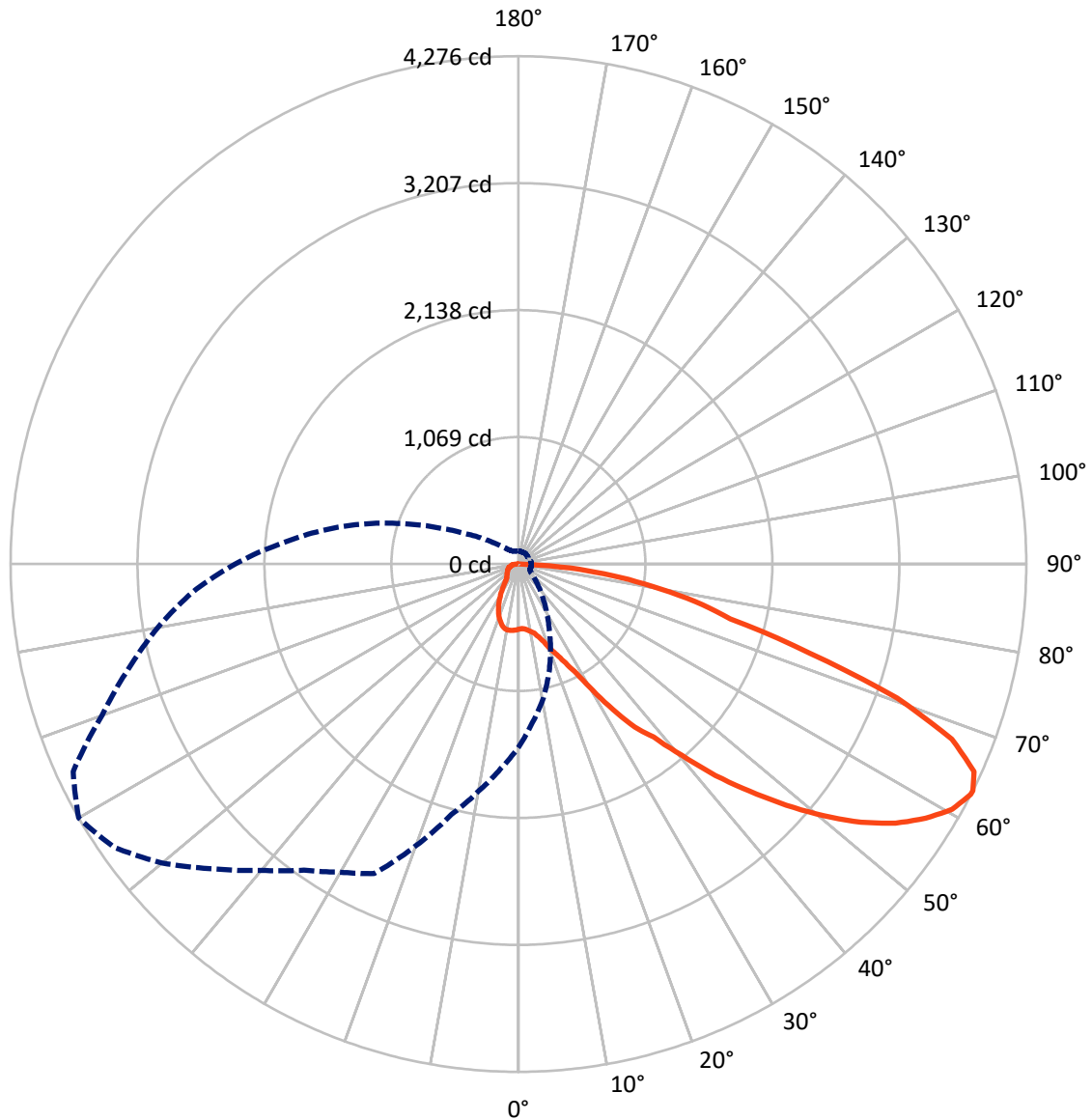
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.9 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
House Side	Lumens	947.4	0.0	947.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3421.7	0.0	3421.7
	% Fixture	78.3	0.0	78.3
Total	Lumens	4369.1	0.0	4369.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.4	1.2
10°-20°	166.5	3.8
20°-30°	295.7	6.8
30°-40°	465.7	10.7
40°-50°	685.3	15.7
50°-60°	910.3	20.8
60°-70°	1002.7	23.0
70°-80°	629.1	14.4
80°-90°	160.2	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°	4369.1	100.0
0°-180°	4369.1	100.0



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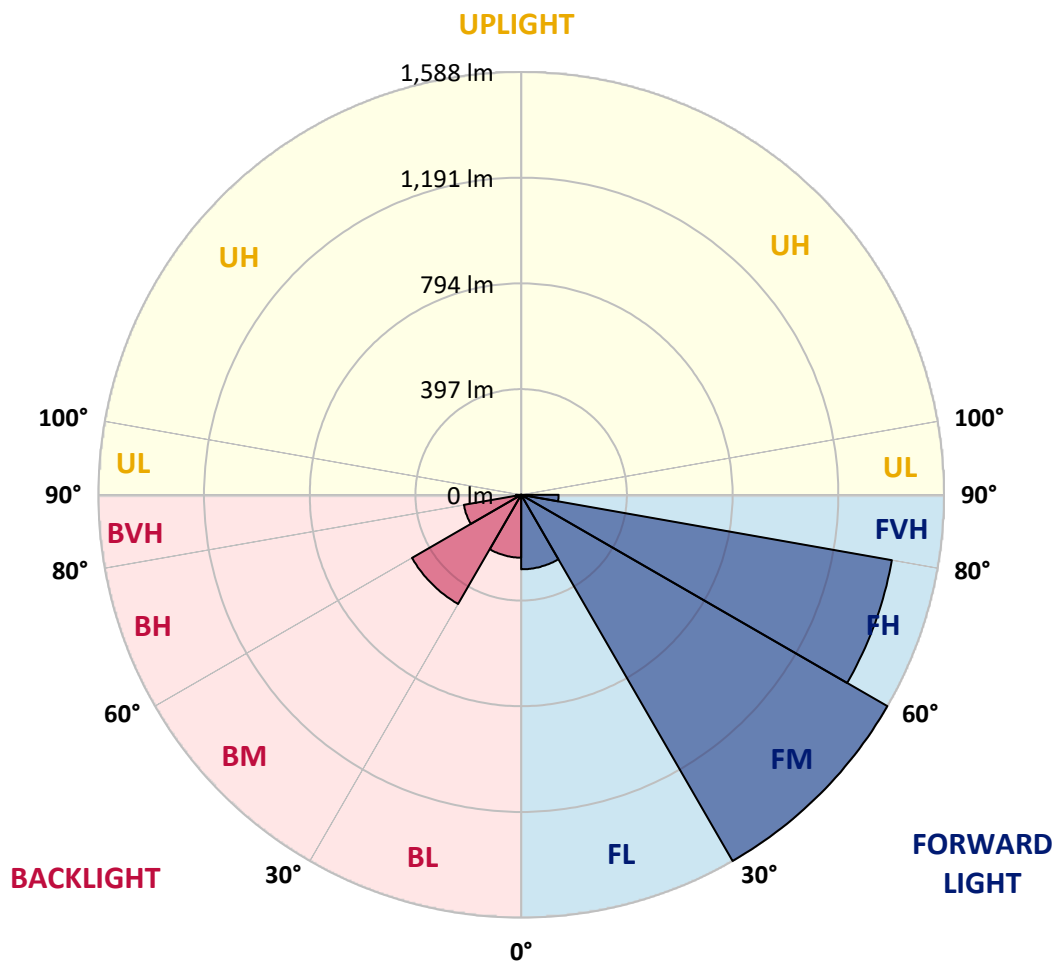
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	279.8	6.4			
FM (30°-60°)	1587.8	36.3			
FH (60°-80°)	1413.5	32.4			G1/1800
FVH (80°-90°)	140.6	3.2			G2/225
BL (0°-30°)	235.9	5.4	B1/500		
BM (30°-60°)	473.5	10.8	B1/1000		
BH (60°-80°)	218.4	5.0	B1/500		G1/500
BVH (80°-90°)	19.6	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°	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0
2.5°	541.8	543.3	542.8	542.8	543.8	543.3	543.3	543.8	543.8	545.4	547.4
5°	537.6	537.0	536.0	537.0	537.0	537.0	534.9	536.5	537.0	538.0	538.0
7.5°	542.8	541.2	539.1	539.6	539.6	538.6	537.0	537.6	537.0	537.0	536.5
10°	549.6	546.0	543.3	543.3	543.3	542.2	539.6	541.2	541.2	540.7	541.2
12.5°	561.6	557.4	554.3	553.2	553.2	551.6	549.6	551.6	550.6	550.6	549.6
15°	581.5	576.8	573.1	570.0	570.5	570.5	567.9	566.3	564.2	561.6	556.4
17.5°	611.4	606.1	601.4	598.8	599.3	595.6	588.3	581.0	571.1	561.1	550.1
20°	653.8	652.2	645.9	643.3	637.0	628.1	607.6	590.4	571.1	552.2	533.4
22.5°	727.0	719.7	713.4	703.4	682.5	658.0	623.9	593.6	563.2	536.5	511.4
25°	825.4	812.3	781.5	751.1	708.2	664.2	618.1	578.9	541.2	506.1	475.3
27.5°	922.2	882.4	827.5	772.6	709.8	652.2	594.6	548.0	504.0	465.9	431.8
30°	1039.4	972.5	888.2	801.3	712.4	634.9	565.8	511.4	460.6	420.3	384.7
32.5°	1149.4	1052.6	942.1	828.0	718.1	618.7	532.8	471.1	418.7	368.0	332.9
35°	1224.8	1099.2	965.1	830.6	704.0	587.8	491.4	418.7	366.4	319.3	278.0
37.5°	1269.8	1119.5	966.2	811.8	671.0	546.0	439.2	366.9	318.8	273.8	241.3
40°	1298.1	1124.3	952.6	784.6	629.1	493.0	386.8	321.9	278.0	241.8	216.7
42.5°	1311.6	1116.9	930.6	750.1	586.7	446.0	350.1	288.9	250.7	225.0	206.2
45°	1313.8	1103.9	907.1	718.6	549.0	411.9	325.0	275.4	243.9	222.4	203.6
47.5°	1313.8	1092.4	888.2	695.6	524.5	397.3	323.0	281.0	250.2	226.1	203.6
50°	1314.8	1088.7	880.4	684.1	516.1	405.1	340.7	298.9	263.8	232.4	203.1
52.5°	1319.5	1093.4	886.6	693.0	531.3	436.6	374.2	325.6	281.6	239.7	203.1
55°	1330.0	1109.1	913.3	723.9	572.1	484.2	414.5	354.3	295.7	242.9	199.9
57.5°	1359.3	1148.8	962.1	783.5	641.7	539.1	451.2	374.8	300.9	240.3	193.7
60°	1417.9	1227.9	1045.2	867.3	715.5	586.2	472.7	377.9	296.3	231.9	183.7
62.5°	1511.6	1318.4	1146.2	958.3	780.9	612.4	475.3	370.0	283.7	216.7	169.0
63°	1544.0	1340.9	1167.7	975.6	789.3	614.5	473.1	366.9	280.6	212.5	167.0
65°	1634.6	1435.7	1242.1	1036.4	812.8	615.0	461.7	351.2	265.9	196.3	152.3
67.5°	1803.6	1560.3	1335.7	1084.0	821.2	598.2	432.4	321.9	235.0	171.2	134.0
70°	1910.4	1629.9	1371.8	1085.0	796.7	550.6	381.6	274.2	195.7	141.9	115.2
72.5°	1882.7	1561.3	1276.6	987.2	690.3	460.1	306.7	215.6	152.8	113.6	95.8
75°	1612.7	1299.6	1041.6	764.7	521.9	338.1	224.6	153.9	113.0	89.0	80.1
77.5°	1160.9	935.4	746.9	544.8	351.7	218.8	149.2	110.0	85.9	73.3	66.0
80°	739.5	548.6	456.9	327.6	205.7	135.5	102.6	83.3	70.7	61.2	56.6
82.5°	386.2	270.6	219.8	167.5	114.1	89.5	75.3	68.0	58.1	50.8	48.2
85°	240.7	159.6	118.3	82.7	57.0	51.3	47.1	46.0	41.4	36.7	35.1
87.5°	27.3	24.6	25.7	16.2	12.0	13.1	12.6	16.7	16.2	12.0	12.6
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°	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0
2.5°	545.4	546.4	546.4	548.0	548.0	549.0	550.1	550.1	551.2	551.6	552.7
5°	539.1	539.1	539.1	541.2	541.8	544.8	546.0	547.0	548.0	551.6	553.8
7.5°	537.6	535.4	536.5	536.5	538.0	540.7	543.3	544.8	546.4	551.2	554.3
10°	540.7	539.1	537.6	537.6	538.0	539.1	541.2	542.8	543.8	548.6	551.2
12.5°	549.0	545.4	542.2	539.6	537.6	537.0	536.0	536.5	537.6	540.2	543.8
15°	550.6	543.8	537.0	530.2	524.9	521.9	519.3	518.1	518.1	519.7	523.9
17.5°	540.2	528.7	518.7	509.8	504.0	498.3	495.6	493.6	492.6	494.6	495.2
20°	517.7	504.0	490.4	480.0	469.5	467.9	463.7	464.7	465.9	468.9	470.5
22.5°	486.8	470.5	453.8	442.8	434.4	427.1	422.4	424.5	426.0	429.2	430.8
25°	449.1	425.5	407.7	396.7	387.8	381.6	376.4	378.4	376.4	380.0	385.8
27.5°	404.6	376.8	358.0	345.5	339.2	334.0	328.7	328.7	334.0	334.0	338.6
30°	350.7	330.2	305.7	292.6	284.7	281.6	281.0	280.0	283.7	285.8	291.0
32.5°	299.9	274.8	251.3	238.7	231.9	228.2	228.7	229.2	230.8	234.0	242.3
35°	248.7	226.6	209.9	195.7	188.9	182.1	182.1	181.1	182.7	186.3	196.3
37.5°	215.6	196.3	183.2	172.2	165.4	161.2	157.6	156.0	156.0	157.6	161.2
40°	197.3	183.2	171.2	161.8	155.4	151.8	149.7	148.1	147.1	147.1	147.6
42.5°	188.9	174.3	162.2	153.9	149.2	147.1	146.5	146.0	144.5	143.9	143.4
45°	184.7	168.0	154.4	147.6	143.9	142.9	143.4	143.4	142.9	141.9	139.7
47.5°	181.6	162.2	148.7	142.3	140.8	140.8	140.8	140.8	140.3	139.7	138.1
50°	176.4	153.4	138.7	134.0	132.9	132.9	133.5	133.5	134.5	133.5	132.5
52.5°	170.6	145.0	130.3	126.1	125.6	125.1	125.1	125.1	125.6	125.6	125.1
55°	164.4	138.7	126.1	123.0	123.5	123.0	122.5	122.0	122.0	121.4	120.4
57.5°	158.0	133.5	123.0	120.9	121.4	121.4	120.4	119.3	118.8	117.2	116.2
60°	148.7	126.1	116.7	115.6	117.2	117.2	117.2	116.7	116.7	116.2	113.6
62.5°	136.1	115.6	108.4	108.8	109.4	110.4	110.4	110.4	110.4	109.4	106.8
63°	133.5	113.6	106.8	106.8	108.4	108.4	108.8	108.4	108.8	107.8	104.7
65°	123.0	106.8	101.6	102.0	103.1	103.1	103.1	102.6	102.6	101.0	99.4
67.5°	111.0	98.4	95.3	95.8	96.3	97.4	96.8	96.8	97.4	96.3	94.7
70°	97.4	89.5	87.4	87.9	88.5	88.5	87.9	87.9	88.5	87.4	85.9
72.5°	86.9	83.7	82.1	82.1	81.1	81.1	80.1	79.5	79.1	79.1	77.5
75°	73.3	72.7	73.3	74.3	73.3	72.2	71.7	70.1	69.1	69.1	68.6
77.5°	62.8	62.8	63.8	65.4	66.0	66.0	64.4	61.8	61.2	61.2	61.2
80°	54.4	53.4	53.4	55.0	56.6	56.0	53.4	50.8	50.8	53.4	54.0
82.5°	47.6	47.6	46.0	46.6	46.0	45.6	42.9	41.4	40.8	42.9	45.0
85°	37.7	38.2	37.7	37.1	36.7	35.1	32.9	31.4	30.9	32.9	36.1
87.5°	15.2	14.7	14.1	14.7	14.1	15.2	14.7	13.6	13.1	14.7	17.8
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°	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0
2.5°	553.2	554.3	555.4	555.4	556.4	555.8	556.4	556.9	556.9	557.4	557.4
5°	556.4	558.0	560.0	562.1	562.7	564.2	565.8	564.7	566.3	568.4	568.4
7.5°	557.4	561.1	562.7	565.8	566.3	568.4	572.1	569.5	572.7	574.1	574.7
10°	555.8	559.5	562.1	565.8	567.4	571.1	574.7	573.7	577.3	579.9	580.5
12.5°	546.4	550.1	555.8	561.1	565.3	571.1	577.9	575.7	581.0	584.1	585.7
15°	528.1	531.8	538.0	546.4	554.3	563.2	572.1	573.7	578.9	582.5	584.1
17.5°	499.4	504.0	510.9	519.7	529.7	544.8	556.4	562.1	569.5	571.5	574.1
20°	472.7	477.3	481.5	486.8	494.1	508.7	523.9	535.4	544.8	552.7	554.8
22.5°	437.0	441.2	446.4	450.7	455.9	466.3	478.9	492.0	506.7	511.4	516.6
25°	394.1	396.7	404.1	406.7	410.3	419.3	429.2	438.6	452.7	462.7	465.3
27.5°	348.1	350.7	357.5	359.1	363.7	372.2	379.4	383.2	396.2	406.7	415.1
30°	294.7	301.5	309.9	310.9	316.1	321.4	328.2	331.8	343.9	354.9	365.3
32.5°	248.7	255.4	262.2	266.4	269.0	273.2	280.0	283.7	295.2	305.1	315.6
35°	201.5	209.9	217.2	223.0	225.0	230.3	235.5	239.2	251.3	260.1	267.4
37.5°	166.0	172.2	180.1	185.8	191.5	195.3	201.5	206.8	214.0	218.8	226.6
40°	148.7	151.8	156.0	160.7	165.4	169.6	174.3	178.5	183.2	189.5	194.7
42.5°	142.9	143.4	143.4	145.0	147.6	149.7	153.9	157.0	160.2	164.8	167.5
45°	138.7	138.1	137.1	136.1	136.7	137.7	140.3	142.3	146.0	148.1	148.7
47.5°	136.7	134.5	132.5	130.9	130.3	130.9	132.9	135.1	137.1	138.7	139.3
50°	129.8	128.3	125.1	123.0	122.0	123.0	125.6	126.7	128.7	130.3	130.9
52.5°	123.0	120.9	118.8	116.7	116.7	117.2	119.3	121.4	123.5	124.1	125.1
55°	118.8	115.6	113.6	112.0	111.0	112.6	114.1	116.7	119.3	119.8	120.9
57.5°	114.6	111.4	109.4	107.8	106.8	108.4	110.0	113.6	116.7	116.7	116.7
60°	112.0	109.4	106.2	104.7	103.1	104.7	106.8	110.4	113.6	113.0	112.6
62.5°	104.7	102.0	100.5	100.5	98.9	101.6	103.6	107.8	108.4	107.3	106.2
63°	102.6	100.5	99.4	99.4	98.4	101.0	103.1	106.8	106.8	105.8	104.7
65°	97.4	95.8	94.7	95.8	95.8	98.4	98.9	101.6	101.0	99.4	98.9
67.5°	93.2	92.1	91.1	91.1	91.1	91.6	92.1	93.2	92.7	92.1	92.7
70°	86.3	85.9	84.8	84.8	84.3	84.3	84.3	84.8	84.8	85.3	85.9
72.5°	78.0	76.9	76.9	77.5	76.4	76.9	77.5	76.9	78.0	78.0	78.5
75°	68.6	68.0	69.1	70.1	69.6	69.6	70.1	70.1	70.7	70.7	71.2
77.5°	61.2	61.8	62.3	63.3	63.8	63.8	63.8	63.3	63.8	63.8	64.4
80°	54.4	55.4	56.6	57.6	58.1	58.1	58.1	57.6	57.6	57.6	57.6
82.5°	49.2	50.8	51.8	52.4	52.4	52.4	52.4	52.4	52.4	51.3	50.2
85°	41.4	44.5	44.5	45.0	43.4	42.4	41.4	41.9	42.4	40.3	39.8
87.5°	20.9	20.9	22.0	23.1	23.5	23.5	26.7	25.1	24.6	24.1	23.1
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0
2.5°	558.0	557.4	558.5	557.4	558.0	558.5	557.4	559.0	560.0	558.5	556.9
5°	569.5	569.5	572.1	573.1	573.7	576.8	575.3	576.3	577.3	576.8	577.3
7.5°	576.8	578.9	581.5	584.1	584.7	587.3	586.7	588.3	589.4	592.0	592.0
10°	583.1	585.7	589.4	592.0	594.6	596.7	597.8	600.8	601.4	603.4	603.4
12.5°	588.8	592.0	595.6	599.8	602.4	606.6	607.2	611.9	613.4	614.0	612.4
15°	587.8	591.4	595.6	600.4	605.0	610.3	613.4	618.1	620.7	621.8	619.2
17.5°	577.9	581.0	586.2	592.5	598.2	605.0	610.8	617.6	621.8	622.9	622.3
20°	558.5	560.6	567.4	575.7	582.5	593.0	601.4	611.9	618.7	623.9	625.5
22.5°	520.3	525.5	532.3	541.8	551.6	564.7	576.8	592.0	606.6	619.2	631.7
25°	474.2	483.6	494.1	506.7	518.7	532.3	546.0	563.2	584.7	610.8	640.7
27.5°	427.6	443.8	456.9	473.1	487.3	500.9	516.1	534.9	558.5	589.9	628.1
30°	380.6	398.8	412.9	431.8	450.7	468.9	484.2	504.0	527.1	559.0	600.8
32.5°	330.2	348.6	365.3	382.6	403.5	425.5	443.8	468.5	493.0	526.0	568.4
35°	278.4	294.7	308.8	327.2	350.1	373.7	397.8	426.0	452.7	487.3	532.3
37.5°	233.4	244.9	258.6	274.8	292.6	317.7	344.9	378.4	408.7	446.4	492.6
40°	196.3	202.5	210.4	224.0	240.3	264.8	291.5	327.2	363.7	405.1	449.6
42.5°	167.5	170.6	172.7	181.6	194.7	218.8	244.5	279.0	319.3	364.3	409.3
45°	148.7	150.2	150.7	155.4	164.8	185.8	212.5	241.8	280.6	324.5	371.6
47.5°	139.7	141.3	142.3	143.4	149.2	165.4	189.5	217.2	252.8	293.1	341.3
50°	132.5	134.0	135.5	135.1	137.7	148.1	168.6	194.1	227.7	264.8	312.5
52.5°	125.1	126.1	126.1	126.1	127.7	134.5	149.2	172.7	203.6	238.7	285.8
55°	120.9	122.0	122.5	123.0	123.5	127.2	138.1	157.0	183.7	216.2	258.6
57.5°	116.7	117.2	118.3	118.8	119.8	122.0	128.7	142.3	164.8	192.1	227.7
60°	113.0	114.1	116.2	116.7	117.8	118.3	121.4	129.8	144.5	165.4	194.1
62.5°	107.3	108.8	111.0	111.4	112.6	113.0	113.6	118.3	125.1	137.7	159.1
63°	105.8	107.3	110.0	110.4	111.0	111.0	111.4	114.6	120.9	131.9	147.6
65°	100.0	102.0	103.6	104.2	104.7	104.7	104.2	105.2	105.8	110.4	119.8
67.5°	93.7	95.3	96.3	96.8	96.3	96.8	96.3	95.3	94.2	95.3	99.4
70°	87.4	88.5	88.5	89.0	89.5	90.0	89.0	87.9	86.9	86.3	89.0
72.5°	80.1	81.1	81.1	81.7	81.7	82.7	82.7	82.1	82.1	82.7	83.3
75°	72.7	73.8	73.3	74.3	74.3	75.9	75.9	76.4	77.5	76.9	76.4
77.5°	66.0	66.5	66.5	67.0	67.5	70.1	71.7	72.2	72.2	71.2	70.1
80°	58.6	58.6	57.6	57.0	57.6	60.2	63.3	63.8	65.4	64.9	65.4
82.5°	49.2	47.1	45.6	45.6	46.6	48.2	49.2	50.2	51.3	51.3	52.4
85°	37.7	35.6	34.0	34.5	36.1	36.7	36.1	36.1	38.2	39.8	38.2
87.5°	22.5	20.4	19.3	17.8	18.3	19.9	19.3	17.8	18.3	14.7	13.6
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0
2.5°	558.0	557.4	556.4	554.8	554.3	553.2	553.8	552.2	551.2	550.1	548.6
5°	577.3	577.3	574.1	574.1	572.7	572.1	568.4	566.9	563.7	564.7	561.1
7.5°	590.9	592.5	588.8	588.3	586.2	585.7	581.0	579.4	576.8	575.7	572.7
10°	600.8	600.8	596.2	592.5	589.9	587.3	582.5	580.5	578.3	578.9	576.8
12.5°	608.7	605.0	598.2	593.0	589.4	586.7	583.1	581.5	581.0	584.7	585.2
15°	615.0	609.8	601.4	597.8	594.6	594.1	594.1	595.6	599.3	606.1	611.4
17.5°	618.7	615.5	611.4	610.3	615.5	618.7	622.9	627.5	632.8	642.2	648.0
20°	625.5	627.5	630.7	634.9	643.3	651.1	656.4	663.2	669.4	680.9	690.3
22.5°	643.3	655.4	665.2	673.6	686.1	697.2	704.0	713.4	718.1	726.0	740.7
25°	666.3	690.9	711.8	729.6	749.0	760.5	770.0	782.0	789.3	802.4	815.4
27.5°	659.5	694.6	726.0	759.0	785.7	815.4	836.4	856.3	868.8	888.2	905.5
30°	638.5	680.5	722.8	766.2	808.7	851.5	891.4	927.4	955.3	983.0	1011.3
32.5°	610.3	658.4	710.2	763.6	819.2	878.8	933.8	988.2	1034.2	1074.5	1113.8
35°	577.9	632.3	686.1	752.1	820.7	896.6	973.0	1048.4	1118.5	1189.7	1237.9
37.5°	539.1	594.6	654.8	730.7	811.3	904.9	1002.3	1100.8	1200.2	1295.9	1379.2
40°	497.8	554.3	617.6	699.8	790.9	899.7	1021.2	1153.6	1290.2	1428.9	1539.4
42.5°	461.1	519.3	588.3	671.5	770.4	892.9	1036.4	1199.2	1366.1	1537.8	1700.0
45°	425.5	489.4	562.1	651.6	761.6	898.1	1058.9	1241.5	1434.1	1642.4	1840.3
47.5°	393.6	458.5	529.1	627.1	748.5	900.7	1080.8	1283.9	1498.5	1724.1	1959.1
50°	364.8	427.6	497.2	595.6	728.1	899.3	1100.8	1322.1	1554.0	1788.5	2050.7
52.5°	336.6	400.4	471.6	565.3	703.0	890.3	1110.1	1353.5	1605.3	1853.4	2124.5
55°	308.8	371.6	443.4	536.5	670.0	867.3	1109.1	1374.0	1646.1	1914.6	2195.7
57.5°	276.4	336.0	406.1	504.6	634.9	831.7	1093.4	1383.4	1681.2	1975.4	2281.0
60°	236.1	292.1	359.5	458.0	588.8	786.1	1060.5	1378.1	1701.6	2020.4	2353.8
62.5°	186.3	235.0	296.7	393.1	531.3	720.7	998.7	1330.5	1669.1	2014.1	2387.8
63°	175.9	222.0	282.1	377.4	506.7	703.0	980.4	1311.6	1653.4	2001.0	2383.1
65°	141.3	171.2	219.4	304.7	424.0	615.5	889.3	1214.8	1569.2	1908.8	2315.0
67.5°	108.4	123.5	149.2	208.8	299.9	484.2	720.2	1029.6	1361.9	1681.2	2095.7
70°	92.7	99.4	110.4	138.7	190.5	305.7	505.6	767.8	1055.7	1332.6	1705.2
72.5°	84.3	87.4	93.2	105.2	130.9	183.2	322.4	499.8	718.1	950.0	1237.9
75°	77.5	80.1	84.8	91.1	100.5	122.0	183.7	305.7	466.9	623.9	835.4
77.5°	70.7	72.2	77.5	83.3	89.5	100.5	121.4	175.9	268.5	368.0	503.5
80°	64.9	63.8	67.5	76.9	83.3	89.5	95.8	114.1	152.8	201.5	272.2
82.5°	51.8	52.8	56.0	65.4	68.0	66.5	67.5	70.7	85.3	93.2	139.3
85°	35.1	32.5	31.9	32.9	32.9	31.4	31.4	30.9	34.0	38.7	66.5
87.5°	9.4	4.7	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°	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	549.0	0°
2.5°	547.4	547.0	547.4	544.8	544.8	544.4	543.8	542.8	542.8	540.7	542.2	2.5°
5°	558.0	556.9	554.8	551.6	550.1	548.0	548.0	546.0	544.4	542.2	542.8	5°
7.5°	570.0	570.5	566.9	564.2	563.2	561.1	561.6	558.5	559.0	557.4	556.4	7.5°
10°	576.8	576.8	577.9	577.3	578.3	578.3	579.9	577.9	576.8	575.3	575.3	10°
12.5°	587.8	589.9	594.1	594.1	597.2	598.2	598.8	599.8	597.8	596.7	593.0	12.5°
15°	615.0	620.3	623.9	629.1	635.4	637.5	637.5	635.4	634.3	632.8	626.0	15°
17.5°	660.0	671.5	674.7	683.1	684.1	686.7	694.1	689.9	687.3	676.3	674.1	17.5°
20°	706.1	720.7	735.4	745.9	751.1	761.6	763.2	761.0	750.6	740.1	735.4	20°
22.5°	761.6	783.5	800.3	816.6	824.4	829.6	841.1	838.5	830.1	814.4	808.1	22.5°
25°	840.1	867.3	885.1	904.9	915.4	920.7	932.2	932.2	923.3	918.6	918.1	25°
27.5°	939.0	972.5	1001.8	1008.6	1035.8	1042.1	1053.1	1053.1	1044.8	1039.0	1066.7	27.5°
30°	1048.9	1084.0	1134.7	1168.8	1201.8	1234.2	1233.7	1235.7	1245.7	1251.0	1263.0	30°
32.5°	1158.8	1202.2	1256.2	1330.0	1400.7	1460.8	1538.8	1588.6	1573.4	1531.0	1514.2	32.5°
35°	1292.3	1340.5	1405.9	1480.2	1609.5	1687.5	1725.1	1751.8	1755.0	1760.8	1772.8	35°
37.5°	1440.9	1521.6	1597.4	1681.7	1753.4	1848.2	1935.5	2005.7	2022.0	2054.9	2036.0	37.5°
40°	1628.8	1718.9	1798.4	1907.3	2003.6	2117.7	2242.8	2339.1	2377.9	2365.3	2271.1	40°
42.5°	1825.7	1937.1	2030.3	2158.5	2283.6	2434.3	2563.6	2698.2	2722.2	2625.4	2484.6	42.5°
45°	2006.7	2144.9	2260.6	2394.1	2546.9	2727.5	2900.2	3038.3	3033.7	2867.7	2679.4	45°
47.5°	2169.5	2339.1	2480.4	2654.2	2818.5	3033.7	3232.0	3334.1	3273.9	3077.6	2846.8	47.5°
50°	2304.0	2515.5	2689.8	2865.7	3074.5	3333.6	3524.7	3582.2	3466.0	3252.5	3009.6	50°
52.5°	2412.4	2677.8	2873.5	3076.1	3339.8	3612.6	3777.0	3755.5	3605.2	3386.0	3144.1	52.5°
55°	2504.0	2801.8	3035.3	3274.4	3601.6	3852.8	3962.2	3904.6	3694.7	3472.3	3236.2	55°
57.5°	2598.7	2922.2	3183.9	3461.3	3825.6	4041.2	4102.0	3983.7	3737.1	3505.2	3276.0	57.5°
60°	2693.5	3022.7	3315.3	3624.6	3995.2	4195.1	4178.4	4001.4	3724.6	3481.2	3249.3	60°
62.5°	2757.3	3082.3	3391.6	3725.1	4122.4	4273.6	4171.0	3938.2	3651.8	3386.4	3169.8	62.5°
63°	2758.9	3084.5	3396.4	3731.9	4136.5	4276.2	4157.0	3915.7	3628.8	3367.1	3146.3	63°
65°	2725.9	3045.2	3354.5	3701.0	4124.5	4216.0	4035.0	3782.6	3497.4	3233.1	3023.7	65°
67.5°	2557.4	2882.9	3156.1	3482.7	3908.8	3935.0	3708.4	3504.8	3248.3	2974.5	2755.7	67.5°
70°	2217.7	2488.3	2756.3	3028.9	3386.4	3381.8	3168.7	3065.0	2840.6	2528.6	2353.2	70°
72.5°	1763.9	2006.7	2195.2	2377.9	2613.4	2565.8	2428.6	2457.4	2311.9	2079.0	1974.8	72.5°
75°	1309.6	1576.5	1668.7	1743.0	1842.4	1842.9	1880.6	1962.2	1960.2	1830.9	1699.5	75°
77.5°	858.9	1151.0	1181.9	1241.5	1360.8	1523.1	1690.6	1870.6	1915.6	1813.6	1619.5	77.5°
80°	478.9	782.5	746.9	798.2	927.0	1147.4	1394.3	1593.2	1710.5	1653.4	1447.7	80°
82.5°	244.9	451.2	431.3	502.5	606.6	798.2	961.5	1114.3	1252.5	1244.7	1166.7	82.5°
85°	127.2	247.1	281.0	318.2	370.6	439.2	500.9	545.4	603.0	704.5	739.1	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0	37.7	27.3	74.9	106.8	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°
549.0	549.0	549.0	549.0	549.0	549.0	549.0
542.8	543.3	542.2	542.2	542.8	542.8	541.8
541.8	541.8	540.7	539.6	538.6	538.6	537.6
553.8	553.8	550.1	548.6	546.0	543.8	542.8
571.5	568.4	564.2	561.1	556.9	552.2	549.6
589.4	584.7	579.4	574.7	569.5	564.2	561.6
618.7	612.4	605.6	599.8	592.5	584.7	581.5
663.7	653.8	644.8	636.5	623.4	617.6	611.4
723.4	708.7	697.2	683.1	666.8	661.6	653.8
795.5	783.0	760.0	749.5	733.3	725.4	727.0
905.5	889.3	862.6	852.7	851.1	833.8	825.4
1048.9	1050.0	1025.4	998.7	984.0	956.8	922.2
1253.0	1238.9	1210.1	1182.9	1148.4	1097.0	1039.4
1500.1	1468.7	1421.0	1370.2	1309.0	1230.1	1149.4
1741.4	1686.4	1610.5	1525.8	1437.3	1338.9	1224.8
1953.3	1868.0	1754.4	1657.1	1532.0	1409.0	1269.8
2147.0	2041.3	1894.7	1768.6	1621.0	1462.9	1298.1
2334.4	2200.4	2020.8	1850.2	1683.3	1499.1	1311.6
2512.9	2340.2	2127.2	1924.0	1728.8	1522.6	1313.8
2650.1	2461.6	2222.4	1977.4	1760.2	1540.4	1313.8
2777.2	2564.2	2295.2	2019.3	1789.5	1552.5	1314.8
2876.1	2636.4	2342.2	2049.1	1812.6	1561.3	1319.5
2947.8	2683.6	2373.7	2067.5	1829.3	1573.9	1330.0
2998.1	2714.4	2390.9	2083.7	1849.7	1595.9	1359.3
3022.2	2771.5	2419.7	2116.1	1884.8	1642.4	1417.9
3003.8	2859.9	2501.9	2171.1	1933.5	1715.2	1511.6
2996.0	2876.1	2524.4	2183.2	1944.5	1730.9	1544.0
2934.7	2892.4	2617.0	2243.8	1996.8	1800.6	1634.6
2744.8	2828.5	2695.0	2346.4	2109.3	1969.6	1803.6
2498.7	2733.8	2680.9	2359.5	2181.0	2108.3	1910.4
2204.1	2447.5	2398.2	2185.2	2102.0	2109.9	1882.7
1734.6	1917.2	1884.8	1810.0	1826.7	1884.3	1612.7
1389.7	1365.0	1290.2	1295.4	1392.3	1459.8	1160.9
1135.3	919.1	821.8	824.4	993.4	1063.5	739.5
1080.3	869.4	708.2	618.7	722.8	696.1	386.2
769.4	771.0	639.6	519.7	503.5	428.2	240.7
182.1	146.0	104.2	77.5	81.7	54.0	27.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)