

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: P181073

Luminaire Tested: **ICM-F02-LED-E1-SLR**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181073
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-F02-LED-E1-SLR
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (14) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4273.5 lumens
Efficiency: N/A
Efficacy: 77.7 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 (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

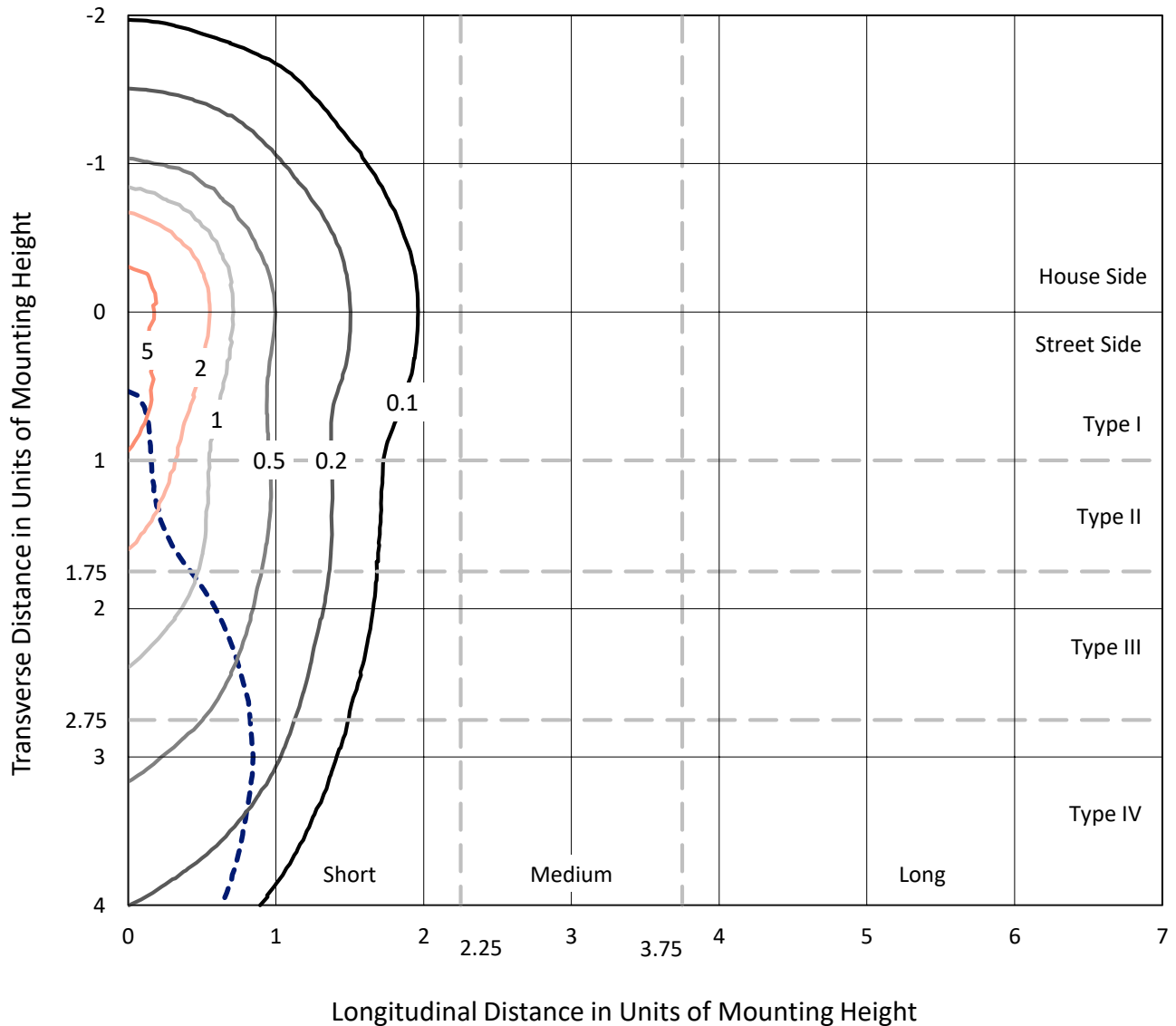


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Iso-Footcandle Lines of Horizontal Illumination

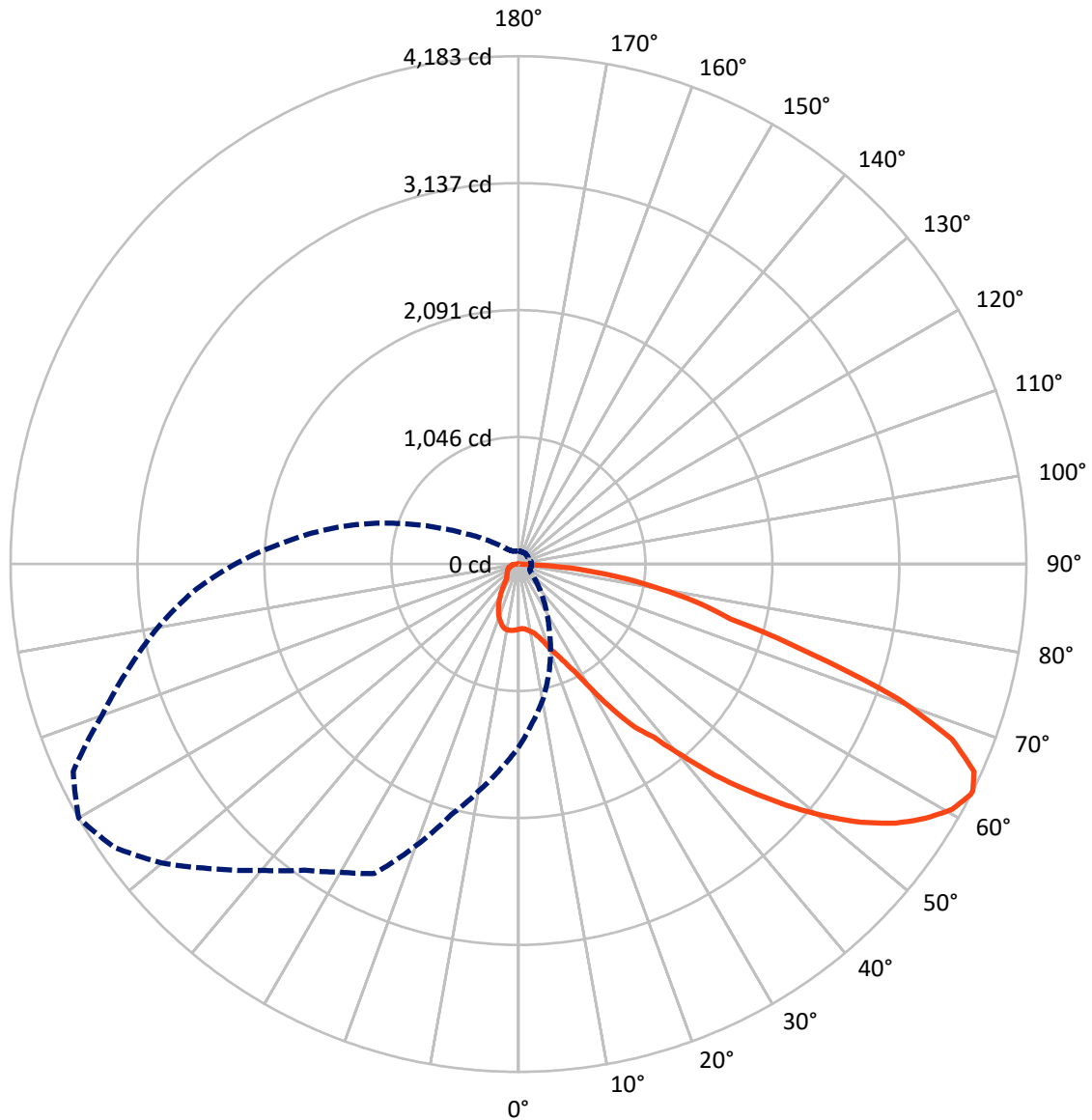
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.7 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	926.7	0.0	926.7
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3346.8	0.0	3346.8
	% Fixture	78.3	0.0	78.3
Total	Lumens	4273.5	0.0	4273.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.3	1.2
10°-20°	162.8	3.8
20°-30°	289.3	6.8
30°-40°	455.5	10.7
40°-50°	670.3	15.7
50°-60°	890.4	20.8
60°-70°	980.8	23.0
70°-80°	615.3	14.4
80°-90°	156.7	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°	4273.5	100.0
0°-180°	4273.5	100.0



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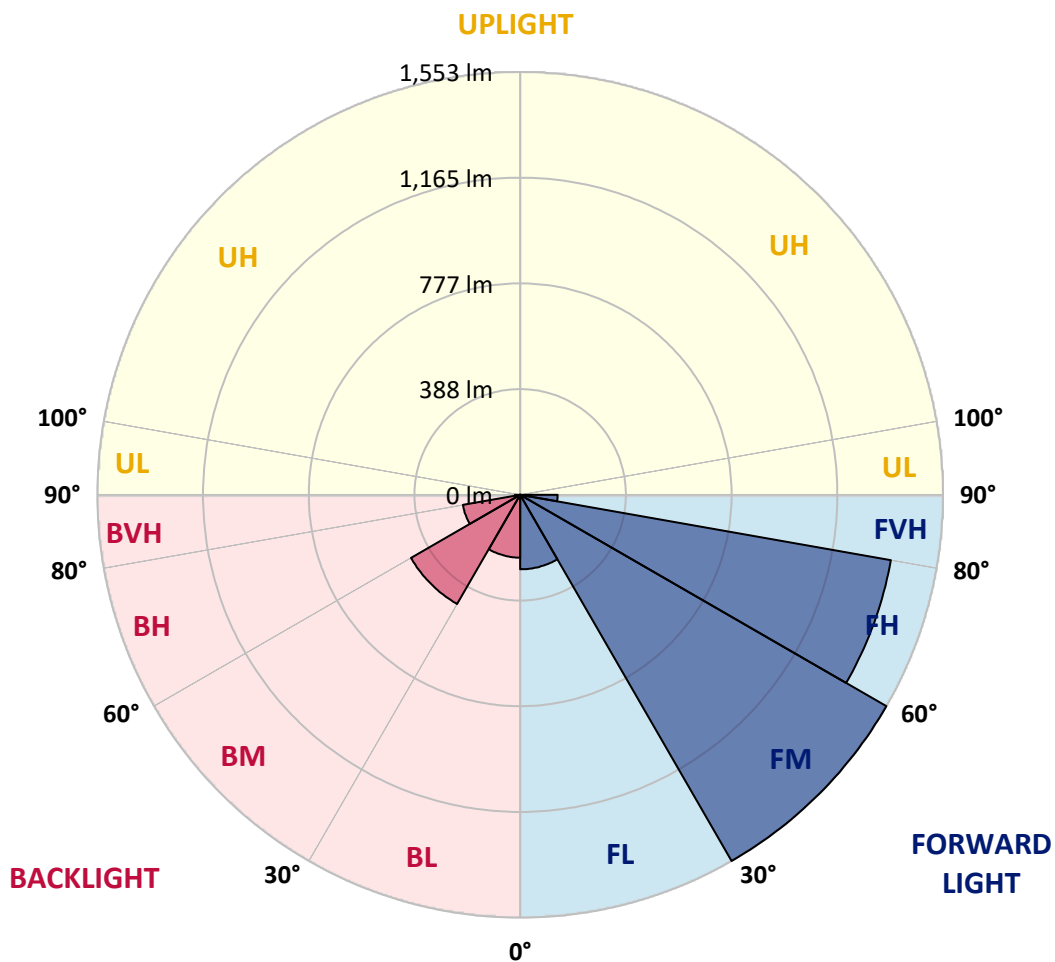
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	273.6	6.4			
FM	(30°-60°)	1553.1	36.3			
FH	(60°-80°)	1382.5	32.4			G1/1800
FVH	(80°-90°)	137.5	3.2			G2/225
BL	(0°-30°)	230.7	5.4	B1/500		
BM	(30°-60°)	463.2	10.8	B1/1000		
BH	(60°-80°)	213.6	5.0	B1/500		G1/500
BVH	(80°-90°)	19.2	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°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0
2.5°	529.9	531.4	530.9	530.9	531.9	531.4	531.4	531.9	531.9	533.5	535.5
5°	525.8	525.3	524.3	525.3	525.3	525.3	523.3	524.7	525.3	526.3	526.3
7.5°	530.9	529.4	527.4	527.8	527.8	526.8	525.3	525.8	525.3	525.3	524.7
10°	537.6	534.0	531.4	531.4	531.4	530.4	527.8	529.4	529.4	528.8	529.4
12.5°	549.3	545.2	542.1	541.1	541.1	539.6	537.6	539.6	538.6	538.6	537.6
15°	568.7	564.2	560.6	557.5	558.0	558.0	555.4	554.0	551.9	549.3	544.2
17.5°	598.0	592.8	588.3	585.7	586.2	582.6	575.4	568.3	558.5	548.8	538.0
20°	639.4	637.9	631.7	629.2	623.1	614.3	594.4	577.5	558.5	540.1	521.7
22.5°	711.1	703.9	697.8	688.1	667.6	643.5	610.2	580.6	550.9	524.7	500.2
25°	807.4	794.5	764.4	734.7	692.7	649.7	604.7	566.2	529.4	495.1	464.8
27.5°	902.1	863.2	809.4	755.6	694.2	637.9	581.6	536.0	493.0	455.6	422.3
30°	1016.8	951.3	868.7	783.8	696.7	621.0	553.4	500.2	450.5	411.1	376.3
32.5°	1124.3	1029.6	921.5	810.0	702.4	605.1	521.2	460.7	409.6	359.9	325.6
35°	1198.0	1075.1	944.0	812.5	688.6	574.9	480.7	409.6	358.3	312.3	271.8
37.5°	1242.0	1095.1	945.0	794.1	656.3	534.0	429.5	358.9	311.8	267.7	236.0
40°	1269.7	1099.7	931.7	767.4	615.4	482.2	378.3	314.9	271.8	236.6	211.9
42.5°	1283.0	1092.5	910.2	733.7	573.9	436.2	342.5	282.6	245.2	220.2	201.7
45°	1285.0	1079.7	887.3	702.9	537.0	402.9	318.0	269.3	238.6	217.6	199.2
47.5°	1285.0	1068.5	868.7	680.4	513.0	388.6	315.9	274.9	244.7	221.2	199.2
50°	1286.1	1064.8	861.1	669.1	504.7	396.3	333.3	292.3	258.0	227.4	198.6
52.5°	1290.6	1069.5	867.3	677.9	519.6	427.0	366.0	318.4	275.4	234.5	198.6
55°	1300.8	1084.8	893.4	708.0	559.5	473.6	405.5	346.6	289.2	237.6	195.5
57.5°	1329.6	1123.7	940.9	766.4	627.6	527.4	441.3	366.6	294.4	235.0	189.4
60°	1386.9	1201.0	1022.3	848.3	699.8	573.4	462.3	369.7	289.8	226.8	179.7
62.5°	1478.5	1289.6	1121.2	937.4	763.8	599.0	464.8	362.0	277.5	211.9	165.4
63°	1510.2	1311.6	1142.1	954.3	772.0	601.0	462.8	358.9	274.4	207.8	163.3
65°	1598.8	1404.3	1214.9	1013.7	795.1	601.6	451.5	343.5	260.1	192.0	149.0
67.5°	1764.2	1526.1	1306.5	1060.3	803.3	585.1	422.9	314.9	229.9	167.4	131.1
70°	1868.7	1594.2	1341.9	1061.3	779.2	538.6	373.2	268.3	191.4	138.7	112.7
72.5°	1841.5	1527.2	1248.7	965.6	675.3	450.0	300.0	210.9	149.5	111.1	93.7
75°	1577.3	1271.2	1018.8	748.0	510.4	330.7	219.6	150.5	110.6	87.1	78.3
77.5°	1135.5	914.9	730.5	532.9	344.0	214.0	145.9	107.5	84.0	71.6	64.5
80°	723.4	536.6	447.0	320.5	201.2	132.6	100.4	81.4	69.1	59.9	55.3
82.5°	377.9	264.7	215.0	163.8	111.6	87.5	73.8	66.5	56.8	49.7	47.1
85°	235.5	156.2	115.7	80.9	55.8	50.1	46.0	45.0	40.5	35.8	34.3
87.5°	26.6	24.1	25.1	15.9	11.8	12.8	12.3	16.4	15.9	11.8	12.3
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0
2.5°	533.5	534.5	534.5	536.0	536.0	537.0	538.0	538.0	539.1	539.6	540.7
5°	527.4	527.4	527.4	529.4	529.9	532.9	534.0	535.0	536.0	539.6	541.7
7.5°	525.8	523.7	524.7	524.7	526.3	528.8	531.4	532.9	534.5	539.1	542.1
10°	528.8	527.4	525.8	525.8	526.3	527.4	529.4	530.9	531.9	536.6	539.1
12.5°	537.0	533.5	530.4	527.8	525.8	525.3	524.3	524.7	525.8	528.4	531.9
15°	538.6	531.9	525.3	518.6	513.5	510.4	507.8	506.8	506.8	508.4	512.5
17.5°	528.4	517.1	507.4	498.6	493.0	487.4	484.8	482.8	481.8	483.8	484.3
20°	506.3	493.0	479.7	469.5	459.3	457.7	453.6	454.6	455.6	458.7	460.3
22.5°	476.1	460.3	443.9	433.1	424.9	417.8	413.1	415.2	416.7	419.8	421.3
25°	439.3	416.2	398.8	388.1	379.4	373.2	368.1	370.1	368.1	371.7	377.3
27.5°	395.7	368.7	350.1	337.9	331.7	326.6	321.5	321.5	326.6	326.6	331.3
30°	343.0	323.1	299.0	286.1	278.5	275.4	274.9	273.9	277.5	279.5	284.7
32.5°	293.4	268.7	245.8	233.5	226.8	223.3	223.7	224.3	225.8	228.8	237.0
35°	243.2	221.7	205.3	191.4	184.8	178.1	178.1	177.1	178.7	182.2	192.0
37.5°	210.9	192.0	179.2	168.5	161.8	157.7	154.1	152.6	152.6	154.1	157.7
40°	193.0	179.2	167.4	158.2	152.1	148.5	146.4	144.8	143.8	143.8	144.4
42.5°	184.8	170.5	158.7	150.5	145.9	143.8	143.3	142.8	141.3	140.7	140.3
45°	180.7	164.4	151.1	144.4	140.7	139.7	140.3	140.3	139.7	138.7	136.7
47.5°	177.7	158.7	145.4	139.3	137.7	137.7	137.7	137.7	137.2	136.7	135.2
50°	172.6	150.0	135.6	131.1	130.0	130.0	130.5	130.5	131.5	130.5	129.5
52.5°	166.9	141.8	127.4	123.3	122.9	122.3	122.3	122.3	122.9	122.9	122.3
55°	160.7	135.6	123.3	120.3	120.8	120.3	119.8	119.3	119.3	118.8	117.8
57.5°	154.6	130.5	120.3	118.2	118.8	118.8	117.8	116.7	116.2	114.7	113.7
60°	145.4	123.3	114.1	113.1	114.7	114.7	114.7	114.1	114.1	113.7	111.1
62.5°	133.1	113.1	106.0	106.5	107.0	108.0	108.0	108.0	108.0	107.0	104.5
63°	130.5	111.1	104.5	104.5	106.0	106.0	106.5	106.0	106.5	105.5	102.4
65°	120.3	104.5	99.3	99.8	100.8	100.8	100.8	100.4	100.4	98.8	97.3
67.5°	108.6	96.3	93.2	93.7	94.2	95.3	94.7	94.7	95.3	94.2	92.7
70°	95.3	87.5	85.5	86.0	86.5	86.5	86.0	86.0	86.5	85.5	84.0
72.5°	85.0	82.0	80.4	80.4	79.3	79.3	78.3	77.9	77.3	77.3	75.8
75°	71.6	71.2	71.6	72.7	71.6	70.6	70.1	68.6	67.5	67.5	67.1
77.5°	61.4	61.4	62.4	64.0	64.5	64.5	63.0	60.4	59.9	59.9	59.9
80°	53.2	52.2	52.2	53.8	55.3	54.8	52.2	49.7	49.7	52.2	52.7
82.5°	46.6	46.6	45.0	45.6	45.0	44.6	42.0	40.5	39.9	42.0	44.0
85°	36.8	37.4	36.8	36.4	35.8	34.3	32.3	30.7	30.2	32.3	35.3
87.5°	14.9	14.3	13.9	14.3	13.9	14.9	14.3	13.3	12.8	14.3	17.4
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0
2.5°	541.1	542.1	543.2	543.2	544.2	543.7	544.2	544.7	544.7	545.2	545.2
5°	544.2	545.8	547.8	549.9	550.3	551.9	553.4	552.4	554.0	556.0	556.0
7.5°	545.2	548.8	550.3	553.4	554.0	556.0	559.5	557.0	560.1	561.6	562.1
10°	543.7	547.3	549.9	553.4	555.0	558.5	562.1	561.1	564.7	567.3	567.7
12.5°	534.5	538.0	543.7	548.8	552.9	558.5	565.2	563.2	568.3	571.4	572.8
15°	516.6	520.2	526.3	534.5	542.1	550.9	559.5	561.1	566.2	569.8	571.4
17.5°	488.4	493.0	499.6	508.4	518.1	532.9	544.2	549.9	557.0	559.1	561.6
20°	462.3	466.9	471.0	476.1	483.3	497.6	512.5	523.7	532.9	540.7	542.7
22.5°	427.4	431.5	436.7	440.8	446.0	456.2	468.5	481.2	495.5	500.2	505.3
25°	385.5	388.1	395.3	397.8	401.4	410.0	419.8	429.0	442.9	452.6	455.2
27.5°	340.5	343.0	349.7	351.2	355.8	364.0	371.2	374.8	387.5	397.8	406.0
30°	288.2	294.9	303.1	304.1	309.2	314.3	321.0	324.6	336.4	347.1	357.3
32.5°	243.2	249.9	256.5	260.6	263.2	267.3	273.9	277.5	288.7	298.5	308.7
35°	197.1	205.3	212.5	218.0	220.2	225.3	230.4	234.0	245.8	254.4	261.6
37.5°	162.3	168.5	176.1	181.8	187.3	191.0	197.1	202.2	209.4	214.0	221.7
40°	145.4	148.5	152.6	157.2	161.8	165.9	170.5	174.6	179.2	185.3	190.4
42.5°	139.7	140.3	140.3	141.8	144.4	146.4	150.5	153.6	156.7	161.3	163.8
45°	135.6	135.2	134.1	133.1	133.6	134.6	137.2	139.3	142.8	144.8	145.4
47.5°	133.6	131.5	129.5	128.0	127.4	128.0	130.0	132.1	134.1	135.6	136.2
50°	127.0	125.4	122.3	120.3	119.3	120.3	122.9	123.9	126.0	127.4	128.0
52.5°	120.3	118.2	116.2	114.1	114.1	114.7	116.7	118.8	120.8	121.3	122.3
55°	116.2	113.1	111.1	109.6	108.6	110.0	111.6	114.1	116.7	117.2	118.2
57.5°	112.1	109.0	107.0	105.5	104.5	106.0	107.5	111.1	114.1	114.1	114.1
60°	109.6	107.0	103.9	102.4	100.8	102.4	104.5	108.0	111.1	110.6	110.0
62.5°	102.4	99.8	98.3	98.3	96.7	99.3	101.4	105.5	106.0	104.9	103.9
63°	100.4	98.3	97.3	97.3	96.3	98.8	100.8	104.5	104.5	103.4	102.4
65°	95.3	93.7	92.7	93.7	93.7	96.3	96.7	99.3	98.8	97.3	96.7
67.5°	91.2	90.1	89.1	89.1	89.1	89.6	90.1	91.2	90.6	90.1	90.6
70°	84.5	84.0	83.0	83.0	82.4	82.4	82.4	83.0	83.0	83.4	84.0
72.5°	76.3	75.3	75.3	75.8	74.8	75.3	75.8	75.3	76.3	76.3	76.8
75°	67.1	66.5	67.5	68.6	68.1	68.1	68.6	68.6	69.1	69.1	69.6
77.5°	59.9	60.4	60.9	62.0	62.4	62.4	62.4	62.0	62.4	62.4	63.0
80°	53.2	54.2	55.3	56.3	56.8	56.8	56.8	56.3	56.3	56.3	56.3
82.5°	48.1	49.7	50.7	51.2	51.2	51.2	51.2	51.2	51.2	50.1	49.1
85°	40.5	43.5	43.5	44.0	42.5	41.5	40.5	40.9	41.5	39.4	38.9
87.5°	20.5	20.5	21.5	22.5	23.1	23.1	26.1	24.6	24.1	23.5	22.5
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°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0
2.5°	545.8	545.2	546.2	545.2	545.8	546.2	545.2	546.8	547.8	546.2	544.7
5°	557.0	557.0	559.5	560.6	561.1	564.2	562.6	563.6	564.7	564.2	564.7
7.5°	564.2	566.2	568.7	571.4	571.8	574.4	573.9	575.4	576.5	579.0	579.0
10°	570.3	572.8	576.5	579.0	581.6	583.6	584.7	587.7	588.3	590.3	590.3
12.5°	575.9	579.0	582.6	586.7	589.3	593.4	593.9	598.5	600.0	600.6	599.0
15°	574.9	578.5	582.6	587.3	591.8	596.9	600.0	604.7	607.2	608.2	605.7
17.5°	565.2	568.3	573.4	579.5	585.1	591.8	597.5	604.1	608.2	609.2	608.7
20°	546.2	548.3	555.0	563.2	569.8	580.0	588.3	598.5	605.1	610.2	611.8
22.5°	508.8	514.0	520.7	529.9	539.6	552.4	564.2	579.0	593.4	605.7	618.0
25°	463.8	473.0	483.3	495.5	507.4	520.7	534.0	550.9	571.8	597.5	626.6
27.5°	418.2	434.1	447.0	462.8	476.7	490.0	504.7	523.3	546.2	576.9	614.3
30°	372.2	390.1	403.9	422.3	440.8	458.7	473.6	493.0	515.5	546.8	587.7
32.5°	323.1	340.9	357.3	374.2	394.7	416.2	434.1	458.2	482.2	514.5	556.0
35°	272.4	288.2	302.0	320.0	342.5	365.5	389.1	416.7	442.9	476.7	520.7
37.5°	228.4	239.6	252.9	268.7	286.1	310.8	337.4	370.1	399.8	436.7	481.8
40°	192.0	198.1	205.8	219.1	235.0	259.1	285.1	320.0	355.8	396.3	439.8
42.5°	163.8	166.9	168.9	177.7	190.4	214.0	239.1	272.8	312.3	356.3	400.4
45°	145.4	147.0	147.4	152.1	161.3	181.8	207.8	236.6	274.4	317.4	363.4
47.5°	136.7	138.2	139.3	140.3	145.9	161.8	185.3	212.5	247.3	286.7	333.8
50°	129.5	131.1	132.6	132.1	134.6	144.8	164.8	190.0	222.7	259.1	305.7
52.5°	122.3	123.3	123.3	123.3	124.9	131.5	145.9	168.9	199.2	233.5	279.5
55°	118.2	119.3	119.8	120.3	120.8	124.4	135.2	153.6	179.7	211.4	252.9
57.5°	114.1	114.7	115.7	116.2	117.2	119.3	126.0	139.3	161.3	187.9	222.7
60°	110.6	111.6	113.7	114.1	115.2	115.7	118.8	127.0	141.3	161.8	190.0
62.5°	104.9	106.5	108.6	109.0	110.0	110.6	111.1	115.7	122.3	134.6	155.6
63°	103.4	104.9	107.5	108.0	108.6	108.6	109.0	112.1	118.2	129.0	144.4
65°	97.8	99.8	101.4	101.9	102.4	102.4	101.9	102.9	103.4	108.0	117.2
67.5°	91.6	93.2	94.2	94.7	94.2	94.7	94.2	93.2	92.2	93.2	97.3
70°	85.5	86.5	86.5	87.1	87.5	88.1	87.1	86.0	85.0	84.5	87.1
72.5°	78.3	79.3	79.3	79.9	79.9	80.9	80.9	80.4	80.4	80.9	81.4
75°	71.2	72.2	71.6	72.7	72.7	74.2	74.2	74.8	75.8	75.3	74.8
77.5°	64.5	65.0	65.0	65.5	66.0	68.6	70.1	70.6	70.6	69.6	68.6
80°	57.3	57.3	56.3	55.8	56.3	58.9	62.0	62.4	64.0	63.4	64.0
82.5°	48.1	46.0	44.6	44.6	45.6	47.1	48.1	49.1	50.1	50.1	51.2
85°	36.8	34.8	33.3	33.8	35.3	35.8	35.3	35.3	37.4	38.9	37.4
87.5°	22.0	20.0	19.0	17.4	18.0	19.4	19.0	17.4	18.0	14.3	13.3
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0
2.5°	545.8	545.2	544.2	542.7	542.1	541.1	541.7	540.1	539.1	538.0	536.6
5°	564.7	564.7	561.6	561.6	560.1	559.5	556.0	554.4	551.4	552.4	548.8
7.5°	578.0	579.5	575.9	575.4	573.4	572.8	568.3	566.7	564.2	563.2	560.1
10°	587.7	587.7	583.1	579.5	576.9	574.4	569.8	567.7	565.7	566.2	564.2
12.5°	595.4	591.8	585.1	580.0	576.5	573.9	570.3	568.7	568.3	571.8	572.4
15°	601.6	596.5	588.3	584.7	581.6	581.0	581.0	582.6	586.2	592.8	598.0
17.5°	605.1	602.1	598.0	596.9	602.1	605.1	609.2	613.9	619.0	628.2	633.8
20°	611.8	613.9	616.9	621.0	629.2	636.8	642.0	648.7	654.8	666.1	675.3
22.5°	629.2	640.9	650.7	658.9	671.2	682.0	688.6	697.8	702.4	710.1	724.4
25°	651.7	675.8	696.3	713.7	732.7	743.9	753.1	764.8	772.0	784.8	797.6
27.5°	645.0	679.4	710.1	742.3	768.5	797.6	818.1	837.6	849.9	868.7	885.7
30°	624.6	665.6	707.0	749.5	791.0	832.9	871.8	907.2	934.3	961.5	989.1
32.5°	596.9	644.0	694.7	747.0	801.2	859.5	913.3	966.6	1011.6	1051.1	1089.4
35°	565.2	618.4	671.2	735.7	802.7	876.9	951.7	1025.5	1094.1	1163.6	1210.8
37.5°	527.4	581.6	640.5	714.7	793.5	885.2	980.4	1076.7	1174.0	1267.6	1349.0
40°	486.9	542.1	604.1	684.5	773.6	880.1	998.8	1128.4	1262.0	1397.7	1505.7
42.5°	451.1	507.8	575.4	656.8	753.6	873.4	1013.7	1172.9	1336.2	1504.1	1662.8
45°	416.2	478.7	549.9	637.4	744.9	878.5	1035.7	1214.3	1402.8	1606.5	1800.0
47.5°	385.0	448.5	517.6	613.3	732.1	881.1	1057.2	1255.8	1465.8	1686.4	1916.3
50°	356.8	418.2	486.3	582.6	712.1	879.5	1076.7	1293.2	1520.0	1749.3	2005.9
52.5°	329.2	391.6	461.3	552.9	687.5	870.8	1085.9	1323.9	1570.1	1812.8	2078.1
55°	302.0	363.4	433.6	524.7	655.3	848.3	1084.8	1343.9	1610.1	1872.8	2147.6
57.5°	270.3	328.7	397.3	493.5	621.0	813.5	1069.5	1353.1	1644.4	1932.1	2231.1
60°	230.9	285.7	351.7	448.0	575.9	768.9	1037.2	1348.0	1664.4	1976.2	2302.2
62.5°	182.2	229.9	290.2	384.5	519.6	704.9	976.8	1301.4	1632.7	1970.0	2335.5
63°	172.0	217.0	275.9	369.1	495.5	687.5	958.9	1283.0	1617.3	1957.2	2330.9
65°	138.2	167.4	214.5	298.0	414.7	602.1	869.8	1188.3	1534.8	1867.1	2264.4
67.5°	106.0	120.8	145.9	204.3	293.4	473.6	704.5	1007.0	1332.1	1644.4	2049.9
70°	90.6	97.3	108.0	135.6	186.3	299.0	494.5	751.1	1032.7	1303.4	1667.9
72.5°	82.4	85.5	91.2	102.9	128.0	179.2	315.4	488.9	702.4	929.2	1210.8
75°	75.8	78.3	83.0	89.1	98.3	119.3	179.7	299.0	456.7	610.2	817.1
77.5°	69.1	70.6	75.8	81.4	87.5	98.3	118.8	172.0	262.6	359.9	492.5
80°	63.4	62.4	66.0	75.3	81.4	87.5	93.7	111.6	149.5	197.1	266.2
82.5°	50.7	51.7	54.8	64.0	66.5	65.0	66.0	69.1	83.4	91.2	136.2
85°	34.3	31.7	31.3	32.3	32.3	30.7	30.7	30.2	33.3	37.9	65.0
87.5°	9.2	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°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	0°
2.5°	535.5	535.0	535.5	532.9	532.9	532.5	531.9	530.9	530.9	528.8	530.4	2.5°
5°	545.8	544.7	542.7	539.6	538.0	536.0	536.0	534.0	532.5	530.4	530.9	5°
7.5°	557.5	558.0	554.4	551.9	550.9	548.8	549.3	546.2	546.8	545.2	544.2	7.5°
10°	564.2	564.2	565.2	564.7	565.7	565.7	567.3	565.2	564.2	562.6	562.6	10°
12.5°	574.9	576.9	581.0	581.0	584.1	585.1	585.7	586.7	584.7	583.6	580.0	12.5°
15°	601.6	606.7	610.2	615.4	621.5	623.5	623.5	621.5	620.5	619.0	612.3	15°
17.5°	645.6	656.8	659.9	668.1	669.1	671.7	678.9	674.8	672.2	661.5	659.4	17.5°
20°	690.6	704.9	719.3	729.5	734.7	744.9	746.4	744.4	734.1	723.9	719.3	20°
22.5°	744.9	766.4	782.8	798.6	806.3	811.4	822.7	820.2	812.0	796.6	790.4	22.5°
25°	821.7	848.3	865.7	885.2	895.4	900.6	911.8	911.8	903.1	898.5	898.0	25°
27.5°	918.4	951.3	979.9	986.5	1013.1	1019.3	1030.1	1030.1	1021.9	1016.2	1043.4	27.5°
30°	1026.0	1060.3	1110.0	1143.2	1175.4	1207.2	1206.7	1208.8	1218.4	1223.5	1235.4	30°
32.5°	1133.5	1176.0	1228.7	1300.8	1370.0	1428.8	1505.1	1553.8	1539.0	1497.5	1481.1	32.5°
35°	1264.0	1311.1	1375.1	1447.8	1574.2	1650.5	1687.5	1713.5	1716.6	1722.2	1734.0	35°
37.5°	1409.4	1488.3	1562.5	1644.9	1715.1	1807.7	1893.2	1961.8	1977.7	2010.0	1991.5	37.5°
40°	1593.2	1681.2	1759.1	1865.6	1959.7	2071.4	2193.7	2287.9	2325.8	2313.5	2221.4	40°
42.5°	1785.7	1894.7	1985.9	2111.3	2233.7	2381.1	2507.6	2639.2	2662.7	2568.0	2430.2	42.5°
45°	1962.8	2098.0	2211.2	2341.7	2491.2	2667.8	2836.8	2971.9	2967.3	2805.0	2620.7	45°
47.5°	2122.1	2287.9	2426.2	2596.1	2756.9	2967.3	3161.3	3261.1	3202.3	3010.3	2784.6	47.5°
50°	2253.6	2460.5	2630.9	2803.0	3007.3	3260.7	3447.6	3503.8	3390.2	3181.3	2943.7	50°
52.5°	2359.6	2619.2	2810.6	3008.8	3266.8	3533.5	3694.3	3673.3	3526.3	3311.8	3075.4	52.5°
55°	2449.2	2740.5	2968.9	3202.8	3522.8	3768.5	3875.5	3819.2	3613.9	3396.3	3165.4	55°
57.5°	2541.9	2858.3	3114.3	3385.6	3741.9	3952.9	4012.2	3896.5	3655.4	3428.6	3204.3	57.5°
60°	2634.5	2956.6	3242.7	3545.3	3907.7	4103.4	4086.9	3913.9	3643.1	3405.0	3178.3	60°
62.5°	2696.9	3014.9	3317.5	3643.6	4032.2	4180.1	4079.7	3851.9	3571.9	3312.4	3100.4	62.5°
63°	2698.5	3016.9	3322.1	3650.3	4046.0	4182.7	4066.0	3830.0	3549.4	3293.4	3077.4	63°
65°	2666.2	2978.5	3281.1	3620.0	4034.3	4123.8	3946.6	3699.9	3420.9	3162.3	2957.6	65°
67.5°	2501.4	2819.8	3087.1	3406.5	3823.3	3848.9	3627.2	3428.0	3177.2	2909.4	2695.5	67.5°
70°	2169.1	2433.9	2695.9	2962.7	3312.4	3307.7	3099.4	2998.0	2778.3	2473.2	2301.8	70°
72.5°	1725.3	1962.8	2147.2	2325.8	2556.2	2509.6	2375.5	2403.6	2261.3	2033.5	1931.6	72.5°
75°	1280.9	1542.1	1632.1	1704.8	1802.1	1802.6	1839.5	1919.4	1917.3	1790.8	1662.3	75°
77.5°	840.1	1125.8	1156.0	1214.3	1331.1	1489.8	1653.6	1829.8	1873.8	1774.0	1584.0	77.5°
80°	468.5	765.4	730.5	780.7	906.7	1122.2	1363.8	1558.4	1673.0	1617.3	1416.1	80°
82.5°	239.6	441.3	421.9	491.4	593.4	780.7	940.5	1090.0	1225.1	1217.4	1141.1	82.5°
85°	124.4	241.7	274.9	311.3	362.4	429.5	490.0	533.5	589.8	689.1	722.9	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0	36.8	26.6	73.2	104.5	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°
537.0	537.0	537.0	537.0	537.0	537.0	537.0
530.9	531.4	530.4	530.4	530.9	530.9	529.9
529.9	529.9	528.8	527.8	526.8	526.8	525.8
541.7	541.7	538.0	536.6	534.0	531.9	530.9
559.1	556.0	551.9	548.8	544.7	540.1	537.6
576.5	571.8	566.7	562.1	557.0	551.9	549.3
605.1	599.0	592.4	586.7	579.5	571.8	568.7
649.1	639.4	630.7	622.5	609.8	604.1	598.0
707.5	693.2	682.0	668.1	652.2	647.1	639.4
778.1	765.9	743.4	733.1	717.2	709.6	711.1
885.7	869.8	843.7	834.0	832.5	815.5	807.4
1026.0	1027.0	1002.9	976.8	962.5	935.8	902.1
1225.6	1211.8	1183.6	1157.0	1123.3	1073.0	1016.8
1467.3	1436.6	1390.0	1340.3	1280.4	1203.1	1124.3
1703.3	1649.5	1575.3	1492.4	1405.9	1309.6	1198.0
1910.6	1827.2	1716.1	1620.8	1498.5	1378.1	1242.0
2100.0	1996.7	1853.3	1729.9	1585.5	1430.9	1269.7
2283.4	2152.3	1976.7	1809.8	1646.4	1466.2	1283.0
2457.9	2288.9	2080.6	1882.0	1691.0	1489.3	1285.0
2592.0	2407.7	2173.8	1934.2	1721.7	1506.7	1285.0
2716.5	2508.1	2244.9	1975.2	1750.3	1518.4	1286.1
2813.2	2578.7	2291.0	2004.3	1772.9	1527.2	1290.6
2883.4	2624.8	2321.7	2022.2	1789.3	1539.5	1300.8
2932.5	2655.0	2338.6	2038.1	1809.2	1560.9	1329.6
2956.0	2710.8	2366.8	2069.9	1843.5	1606.5	1386.9
2938.2	2797.3	2447.2	2123.6	1891.2	1677.7	1478.5
2930.4	2813.2	2469.1	2135.4	1902.0	1693.0	1510.2
2870.5	2829.0	2559.7	2194.8	1953.1	1761.1	1598.8
2684.7	2766.6	2636.1	2295.1	2063.2	1926.5	1764.2
2444.1	2674.0	2622.2	2307.9	2133.3	2062.2	1868.7
2155.8	2393.9	2345.8	2137.4	2056.0	2063.7	1841.5
1696.7	1875.3	1843.5	1770.3	1786.7	1843.1	1577.3
1359.3	1335.2	1262.0	1267.1	1361.8	1427.8	1135.5
1110.4	899.0	803.7	806.3	971.7	1040.3	723.4
1056.7	850.3	692.7	605.1	707.0	680.9	377.9
752.6	754.1	625.6	508.4	492.5	418.8	235.5
178.1	142.8	101.9	75.8	79.9	52.7	26.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)