

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: P670831

Luminaire Tested: **CCP-SA-2A-750-U-T3**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P670831
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-750-U-T3
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ T3
distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

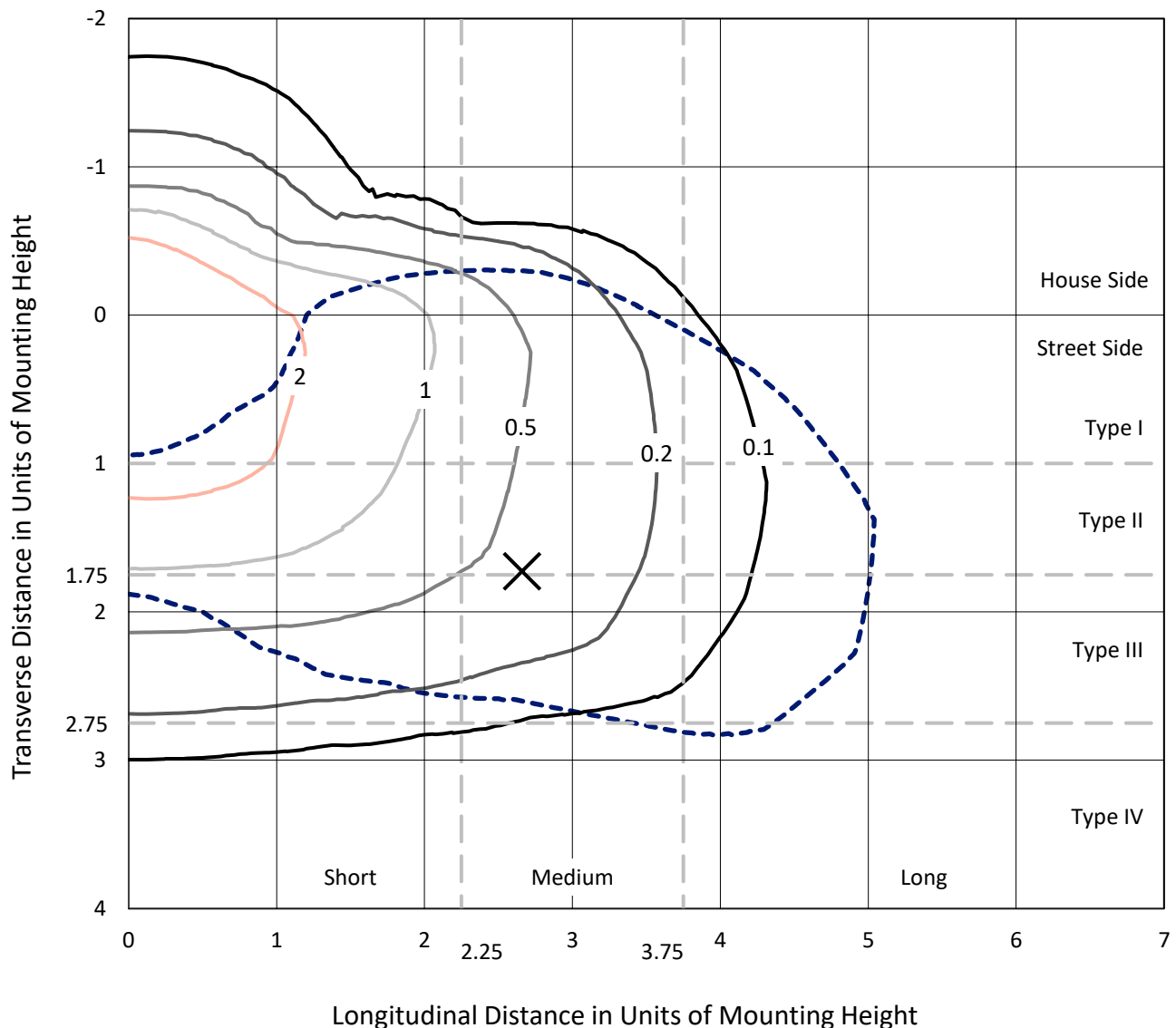
Lumens per Lamp: N/A
Luminaire Lumens: 5655 lumens
Efficiency: N/A
Efficacy: 156.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 36.2
Input Voltage (V): 120
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

REPORT NUMBER: P670831
 CATALOG NUMBER: CCP-SA-2A-750-U-T3

Iso-Footcandle Lines of Horizontal Illumination

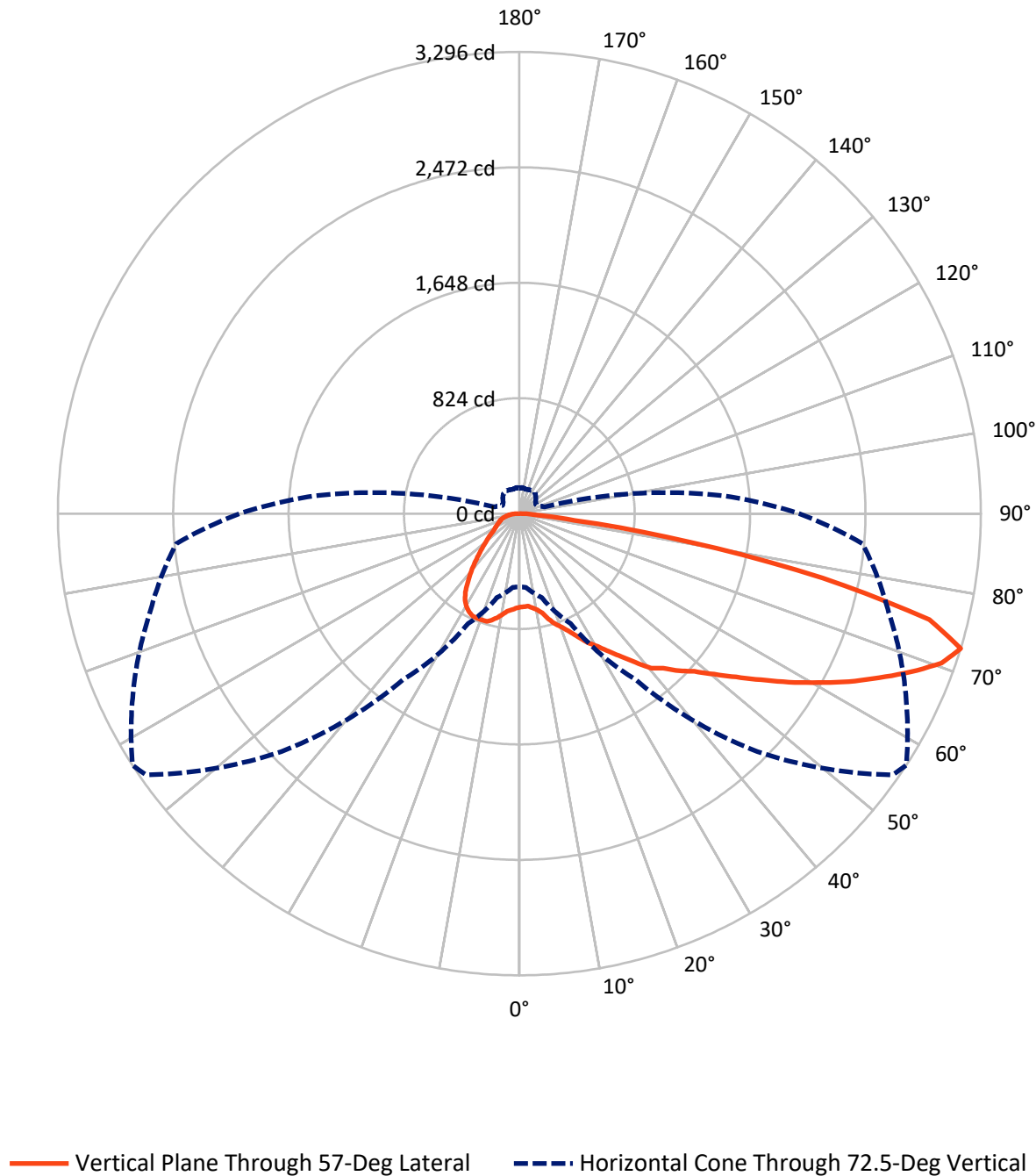
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type III - Medium - N/A

REPORT NUMBER: P670831
CATALOG NUMBER: CCP-SA-2A-750-U-T3

Luminous Intensity Polar Plot



REPORT NUMBER: P670831

CATALOG NUMBER: CCP-SA-2A-750-U-T3

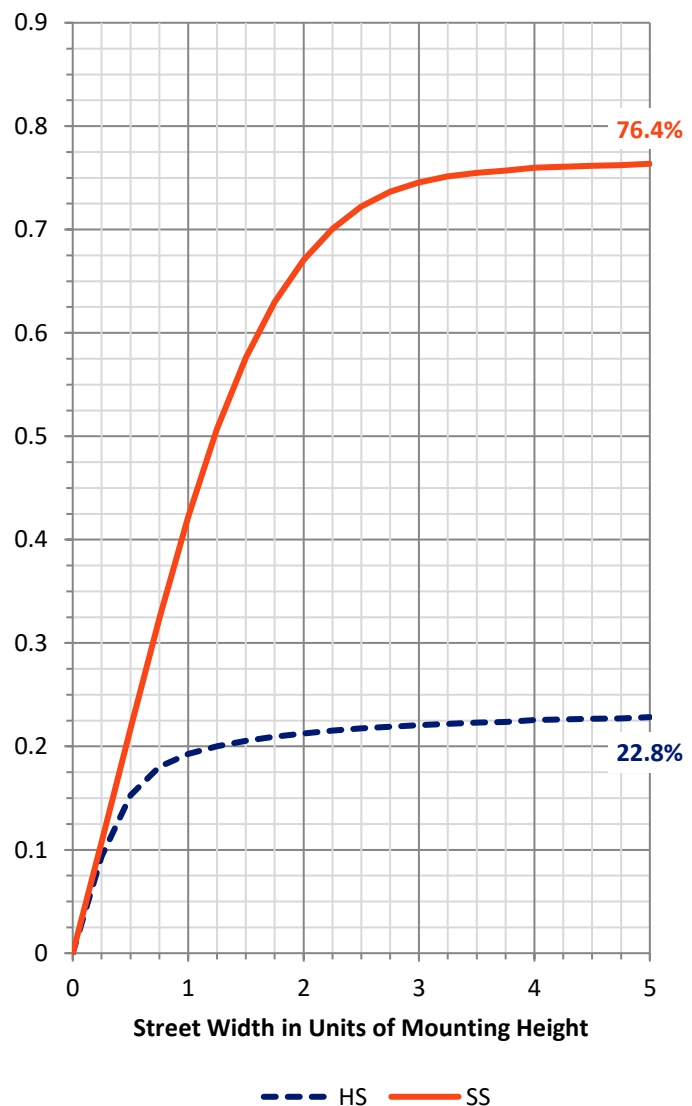
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1320.7	0.0	1320.7
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	4334.4	0.0	4334.4
	% Fixture	76.6	0.0	76.6
Total	Lumens	5655.0	0.0	5655.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.3	1.2
10°-20°	223.3	3.9
20°-30°	408.2	7.2
30°-40°	598.9	10.6
40°-50°	824.5	14.6
50°-60°	1130.7	20.0
60°-70°	1363.0	24.1
70°-80°	907.9	16.1
80°-90°	132.2	2.3
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°	5655.0	100.0
0°-180°	5655.0	100.0

Coefficient of Utilization



REPORT NUMBER: P670831

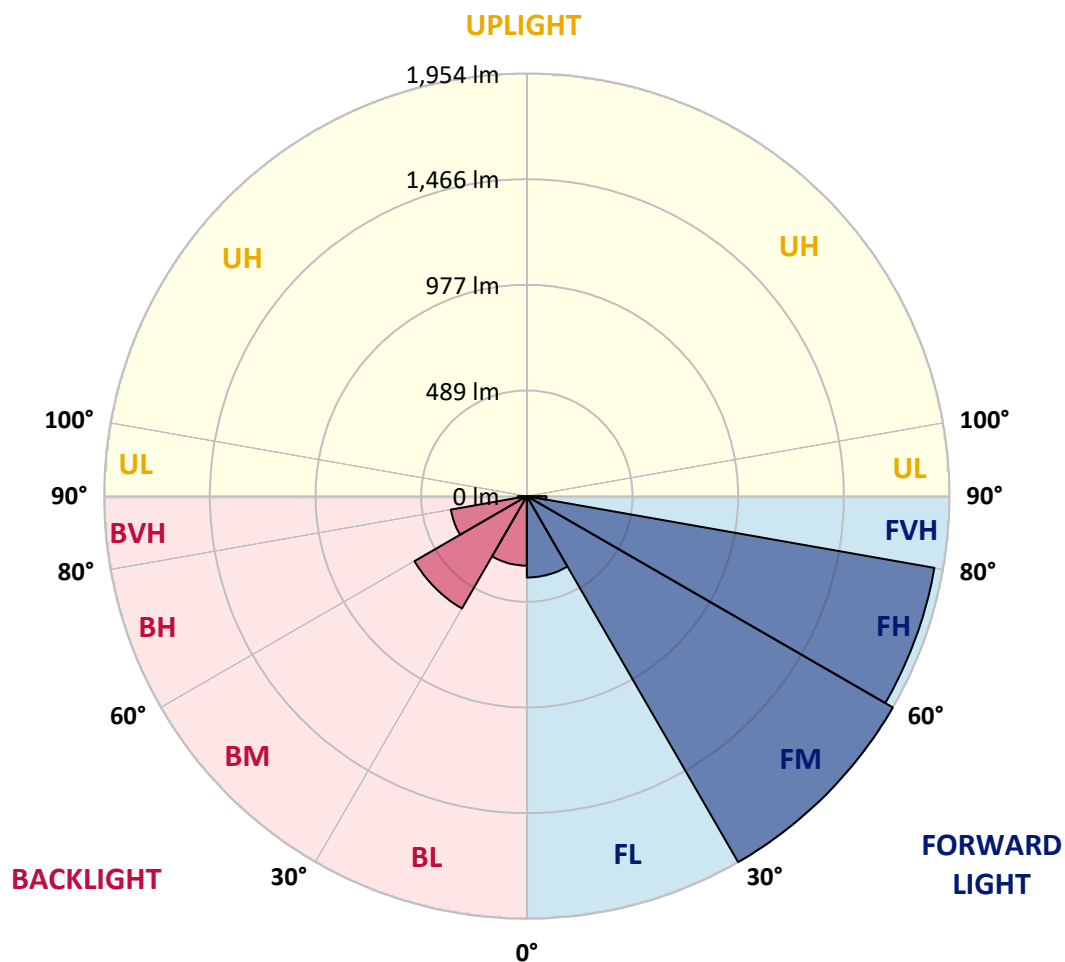
CATALOG NUMBER: CCP-SA-2A-750-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	376.2	6.7			
FM	(30°-60°)	1954.3	34.6			
FH	(60°-80°)	1913.9	33.8			G2/5000
FVH	(80°-90°)	90.0	1.6			G1/100
BL	(0°-30°)	321.5	5.7	B1/500		
BM	(30°-60°)	599.9	10.6	B1/1000		
BH	(60°-80°)	357.1	6.3	B1/500		G1/500
BVH	(80°-90°)	42.2	0.7			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 III Medium





REPORT NUMBER: P670831

CATALOG NUMBER: CCP-SA-2A-750-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	667.5	667.5	667.5	667.5	667.5	667.5	667.5	667.5	667.5	667.5	667.5
2.5°	655.1	657.2	661.3	659.2	659.2	653.1	663.4	665.4	661.3	663.4	667.5
5°	655.1	659.2	665.4	661.3	663.4	661.3	657.2	663.4	663.4	665.4	671.6
7.5°	690.1	688.1	688.1	681.9	679.8	677.8	679.8	679.8	675.7	677.8	677.8
10°	729.3	729.3	725.2	725.2	721.0	710.7	700.4	698.4	692.2	694.3	694.3
12.5°	770.5	774.6	778.7	766.4	762.2	745.8	739.6	727.2	727.2	723.1	721.0
15°	822.0	815.8	819.9	815.8	805.5	789.0	778.7	780.8	766.4	762.2	756.1
17.5°	867.3	869.4	863.2	859.1	840.5	828.2	830.2	828.2	809.6	803.4	793.1
20°	920.9	918.8	918.8	906.4	890.0	873.5	867.3	865.2	869.4	857.0	832.3
22.5°	976.5	968.3	968.3	958.0	935.3	925.0	920.9	912.6	916.8	906.4	869.4
25°	1021.8	1021.8	1036.2	1015.6	1003.3	982.7	974.4	976.5	978.6	958.0	914.7
27.5°	1081.6	1071.3	1085.7	1075.4	1069.2	1046.5	1036.2	1042.4	1038.3	1015.6	955.9
30°	1157.8	1159.8	1151.6	1137.2	1128.9	1112.5	1106.3	1100.1	1106.3	1077.4	1001.2
32.5°	1252.5	1258.7	1238.1	1221.6	1207.2	1190.7	1178.4	1172.2	1178.4	1135.1	1036.2
35°	1361.7	1367.9	1351.4	1332.9	1316.4	1275.2	1264.9	1254.6	1231.9	1161.9	1069.2
37.5°	1462.7	1454.4	1450.3	1450.3	1419.4	1359.7	1353.5	1347.3	1304.1	1215.5	1114.5
40°	1530.7	1541.0	1536.8	1532.7	1528.6	1473.0	1460.6	1450.3	1378.2	1295.8	1178.4
42.5°	1606.9	1600.7	1617.2	1623.4	1608.9	1592.5	1543.0	1508.0	1444.1	1378.2	1273.1
45°	1697.5	1693.4	1699.6	1722.3	1701.7	1707.8	1625.4	1600.7	1520.4	1481.2	1392.6
47.5°	1777.9	1788.2	1819.1	1825.3	1808.8	1837.6	1722.3	1683.1	1631.6	1600.7	1516.2
50°	1812.9	1825.3	1895.3	1938.6	1940.6	1985.9	1819.1	1802.6	1732.6	1744.9	1670.8
52.5°	1784.1	1823.2	1907.7	2021.0	2091.0	2136.3	1946.8	1938.6	1874.7	1913.8	1839.7
55°	1810.8	1847.9	1903.5	2062.2	2239.3	2249.6	2124.0	2093.1	2029.2	2082.8	2014.8
57.5°	1823.2	1802.6	1907.7	2107.5	2348.5	2375.3	2292.9	2270.2	2220.8	2272.3	2233.2
60°	1726.4	1751.1	1850.0	2095.1	2354.7	2509.2	2482.4	2449.5	2404.2	2451.5	2428.9
62.5°	1617.2	1633.7	1740.8	2021.0	2389.7	2606.0	2665.8	2641.1	2577.2	2618.4	2657.5
65°	1479.2	1481.2	1600.7	1889.1	2321.7	2661.7	2826.5	2824.4	2779.1	2768.8	2830.6
67.5°	1310.2	1326.7	1421.5	1749.0	2229.0	2723.5	2985.1	3016.0	2925.4	2845.0	2867.7
70°	1005.3	1021.8	1112.5	1433.8	2039.5	2704.9	3180.8	3197.3	3020.1	2816.2	2758.5
72.5°	523.3	527.4	620.1	865.2	1446.2	2402.1	3252.9	3296.2	3044.8	2731.7	2459.8
75°	173.0	173.0	212.2	329.6	681.9	1536.8	2946.0	3024.2	2923.3	2521.6	2012.7
77.5°	103.0	105.1	125.7	164.8	271.9	613.9	2076.6	2214.6	2391.8	2144.6	1470.9
80°	74.2	76.2	94.8	113.3	162.7	197.8	1042.4	1234.0	1468.9	1380.3	784.9
82.5°	55.6	55.6	74.2	84.5	111.2	117.4	290.5	397.6	634.5	494.4	216.3
85°	57.7	57.7	57.7	59.7	76.2	68.0	121.5	129.8	185.4	162.7	59.7
87.5°	20.6	22.7	57.7	39.1	39.1	28.8	47.4	51.5	65.9	68.0	22.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P670831

CATALOG NUMBER: CCP-SA-2A-750-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	667.5	667.5	667.5	667.5	667.5	667.5	667.5	667.5	667.5	667.5	667.5
2.5°	669.5	669.5	671.6	671.6	675.7	679.8	686.0	681.9	681.9	684.0	681.9
5°	667.5	669.5	675.7	686.0	690.1	692.2	704.6	704.6	704.6	708.7	708.7
7.5°	675.7	679.8	690.1	700.4	702.5	708.7	725.2	729.3	739.6	743.7	745.8
10°	696.3	702.5	710.7	723.1	731.3	739.6	751.9	766.4	764.3	776.7	778.7
12.5°	727.2	725.2	739.6	751.9	760.2	772.5	776.7	776.7	776.7	776.7	780.8
15°	751.9	756.1	768.4	776.7	787.0	784.9	776.7	768.4	770.5	768.4	768.4
17.5°	789.0	789.0	799.3	801.4	805.5	784.9	772.5	772.5	778.7	778.7	774.6
20°	826.1	824.0	828.2	826.1	799.3	774.6	772.5	774.6	776.7	774.6	772.5
22.5°	861.1	857.0	850.8	842.6	795.2	772.5	768.4	758.1	747.8	747.8	741.6
25°	892.0	887.9	871.4	846.7	793.1	760.2	739.6	714.9	702.5	696.3	704.6
27.5°	920.9	912.6	890.0	846.7	774.6	727.2	688.1	657.2	646.9	638.6	646.9
30°	960.0	945.6	914.7	840.5	745.8	675.7	622.2	585.1	574.8	562.4	566.5
32.5°	995.0	962.1	935.3	822.0	708.7	618.0	556.2	519.1	500.6	490.3	498.5
35°	1032.1	999.2	943.5	793.1	651.0	548.0	486.2	451.2	436.7	422.3	422.3
37.5°	1069.2	1050.7	955.9	739.6	581.0	482.1	426.4	399.7	374.9	348.2	348.2
40°	1147.5	1122.8	970.3	677.8	510.9	418.2	379.1	344.0	319.3	282.2	280.2
42.5°	1229.9	1176.3	970.3	603.6	449.1	372.9	335.8	298.7	253.4	230.7	232.8
45°	1335.0	1273.1	943.5	537.7	387.3	335.8	294.6	247.2	226.6	212.2	212.2
47.5°	1466.8	1370.0	910.6	465.6	337.9	302.8	251.3	222.5	208.1	195.7	193.7
50°	1623.4	1458.6	869.4	403.8	296.7	271.9	228.7	206.0	193.7	185.4	185.4
52.5°	1788.2	1588.3	840.5	348.2	263.7	230.7	212.2	197.8	187.5	181.3	179.2
55°	1955.0	1718.1	819.9	288.4	232.8	212.2	208.1	195.7	191.6	185.4	181.3
57.5°	2142.5	1825.3	815.8	247.2	208.1	204.0	212.2	201.9	195.7	189.5	183.4
60°	2344.4	1969.5	778.7	214.3	195.7	199.8	206.0	195.7	191.6	185.4	181.3
62.5°	2544.2	2076.6	677.8	189.5	183.4	187.5	195.7	187.5	181.3	183.4	185.4
65°	2626.6	2084.8	525.3	171.0	168.9	171.0	183.4	181.3	175.1	187.5	187.5
67.5°	2544.2	2010.7	370.8	154.5	154.5	164.8	185.4	189.5	183.4	199.8	197.8
70°	2356.8	1827.3	251.3	144.2	148.3	175.1	191.6	187.5	179.2	199.8	195.7
72.5°	2000.4	1462.7	183.4	133.9	140.1	166.9	189.5	185.4	179.2	187.5	179.2
75°	1501.8	1040.4	144.2	121.5	123.6	150.4	195.7	185.4	168.9	164.8	158.6
77.5°	1003.3	642.8	111.2	107.1	107.1	131.8	187.5	173.0	152.4	146.3	144.2
80°	477.9	257.5	88.6	90.6	92.7	113.3	171.0	154.5	138.0	129.8	129.8
82.5°	152.4	96.8	74.2	74.2	74.2	92.7	142.1	129.8	119.5	113.3	103.0
85°	53.6	53.6	63.9	65.9	59.7	68.0	117.4	111.2	98.9	82.4	80.3
87.5°	20.6	30.9	43.3	51.5	37.1	47.4	84.5	78.3	72.1	53.6	51.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)