

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: EPHESUS

Report Number: P1305592 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-80-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

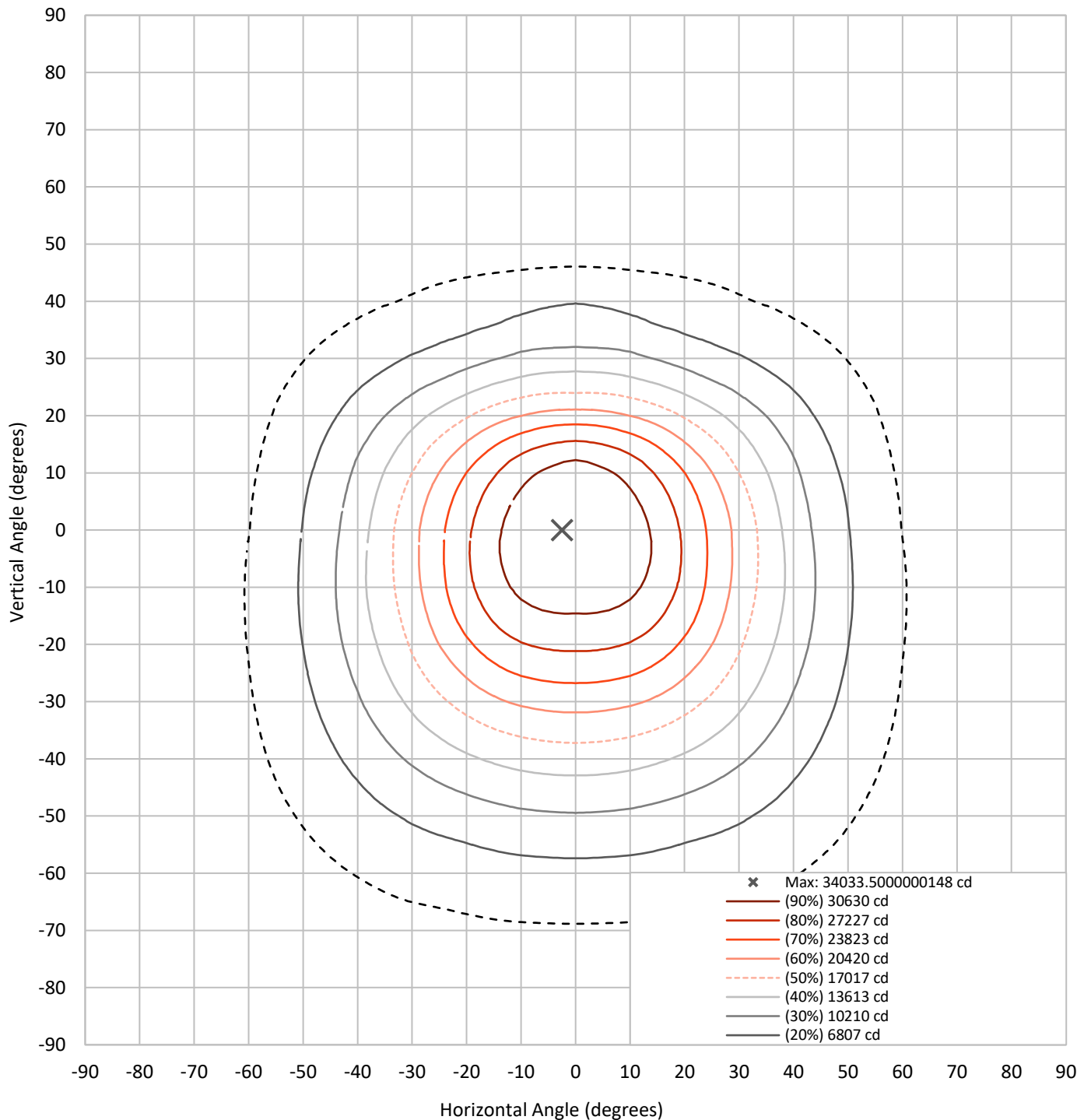
Test Method: LM-79-08
Report Number: P1305592 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-57-80-7F-VHE-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	45277 lumens	Max Intensity:	34033.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	135.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	66.6°H x 61.2°V	Field Angle (10%):	119.6°H x 114.9°V
Beam Lumens:	24583.2 lumens	Field Lumens:	42428.7 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
Input Watts (W):	334		
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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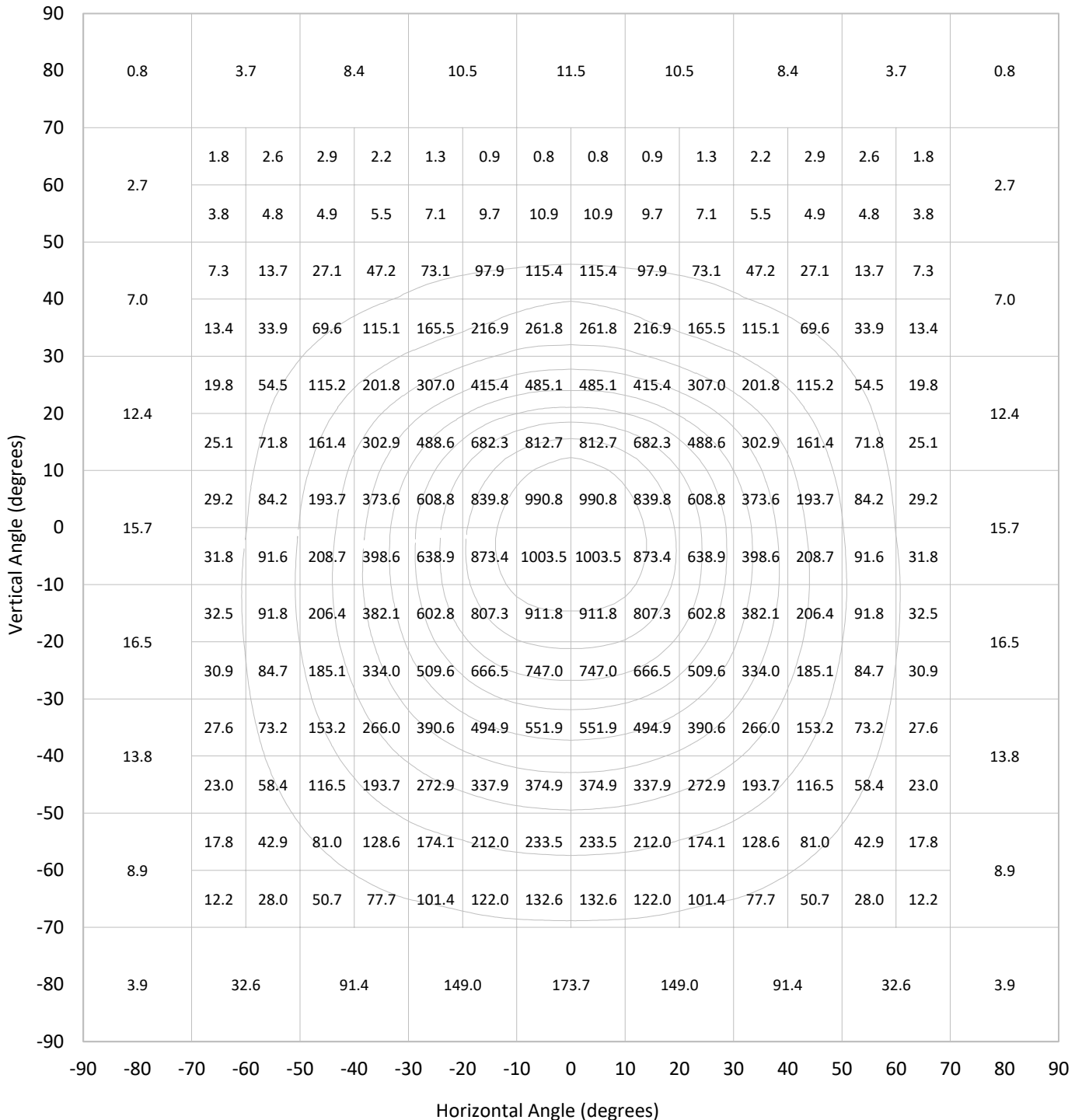
Iso-Candela Plot





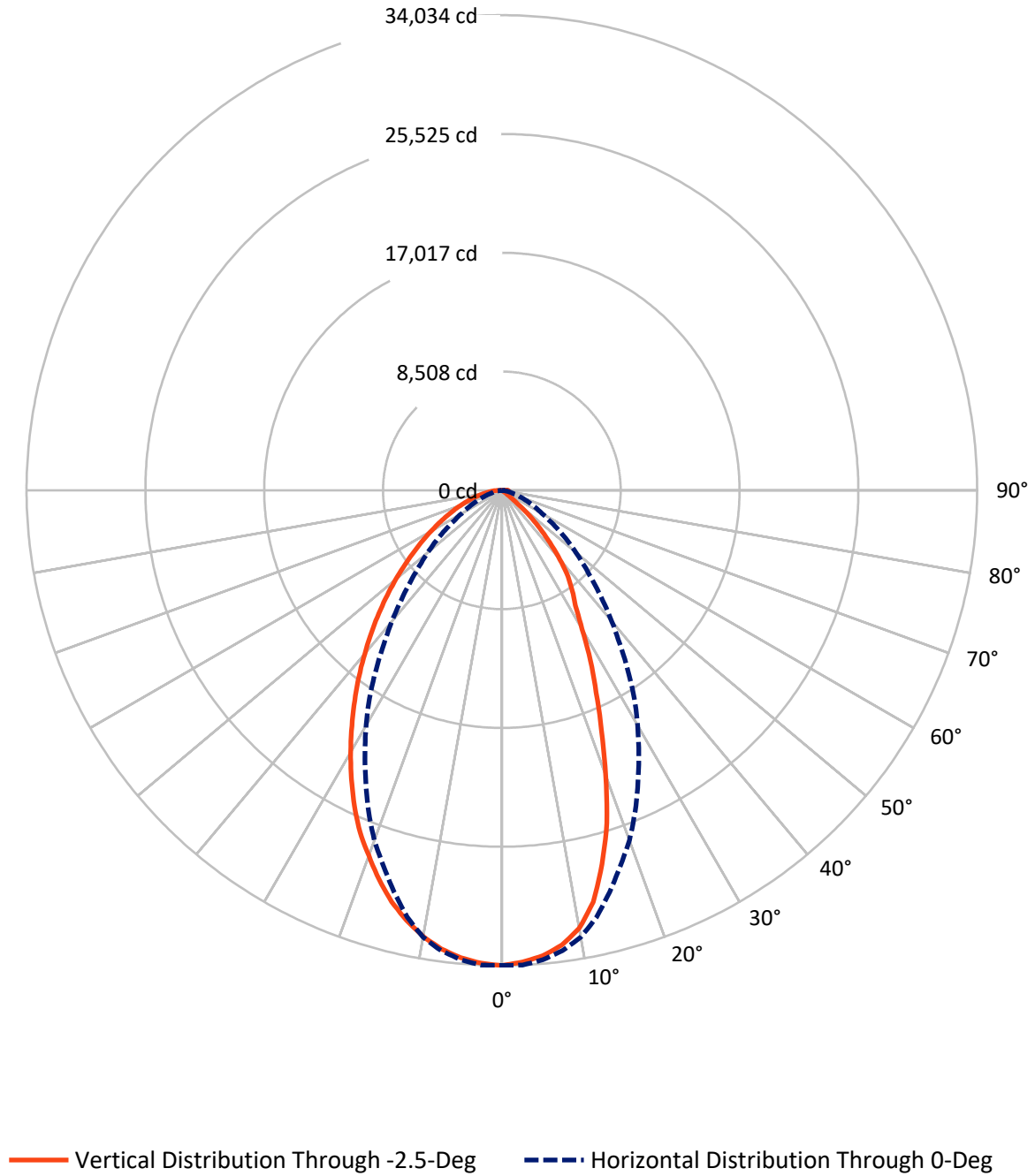
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Lumen Table



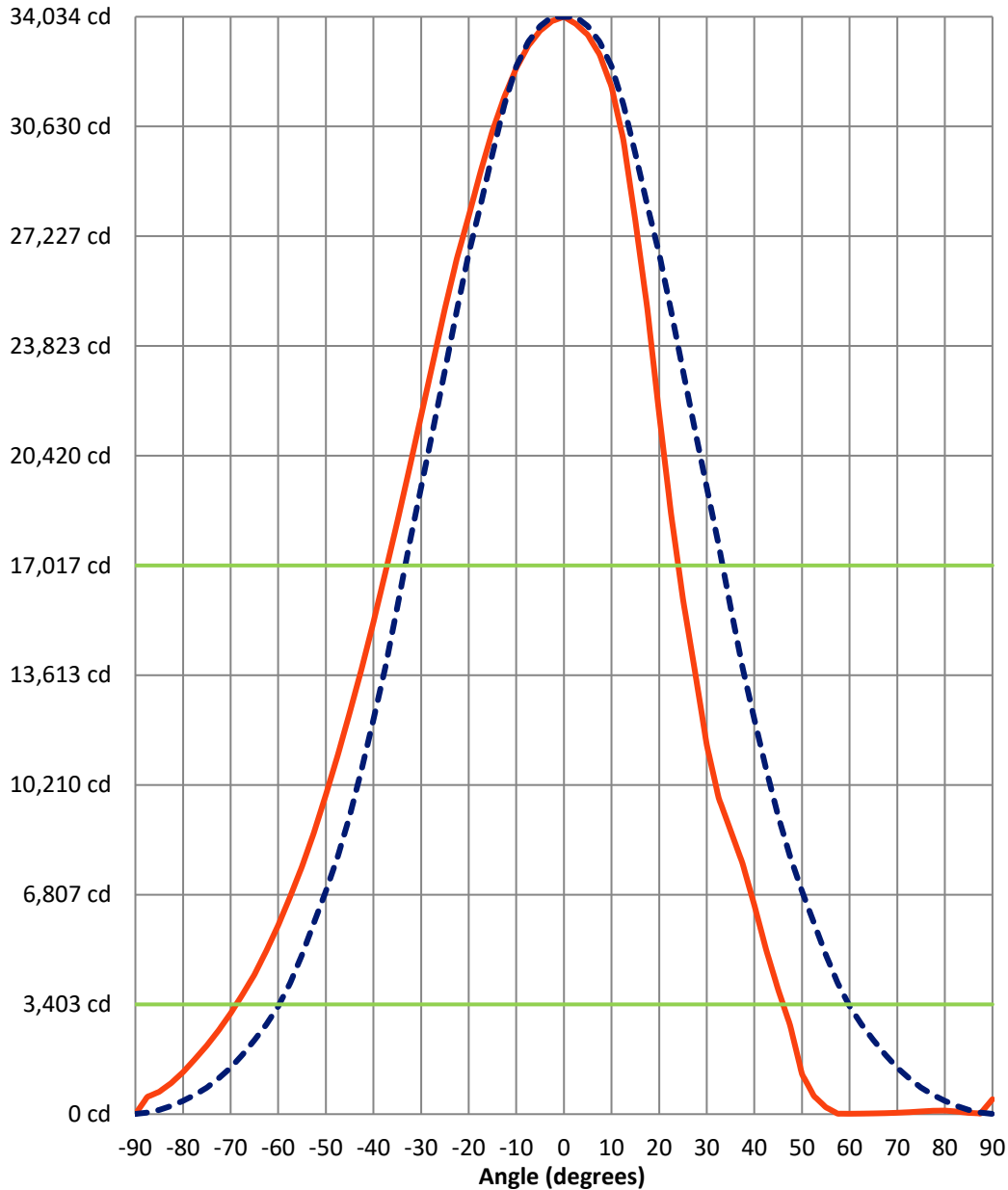
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 24583.2
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 42428.7
 Efficiency: 93.7%

Spill:
 Lumens: 2848.3
 Efficiency: 6.3%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.4	26.0	44.5	68.9	93.2	117.6	141.9	159.6	177.4	195.1	212.8
87.5°	7.4	9.4	10.8	11.7	12.4	13.0	13.4	13.4	13.2	12.9	12.4
85°	7.4	10.9	13.1	14.9	16.4	17.5	18.3	18.6	18.5	18.1	17.3
82.5°	7.4	12.4	15.4	18.1	20.3	22.1	23.3	23.8	24.2	26.0	27.4
80°	7.4	13.8	17.7	21.3	24.3	26.6	28.8	32.5	35.7	38.3	40.5
77.5°	7.4	15.3	20.0	24.5	28.2	32.9	38.3	42.9	47.1	50.7	52.3
75°	7.4	16.8	22.4	27.7	33.1	42.7	48.1	53.3	58.8	62.4	60.6
72.5°	7.4	18.2	24.7	30.8	42.3	52.6	58.0	65.1	73.0	74.6	69.9
70°	7.4	19.6	27.1	34.9	51.5	62.7	69.1	80.8	87.8	87.9	89.8
67.5°	7.4	21.1	29.5	42.7	60.8	72.9	86.0	97.1	103.6	112.6	113.3
65°	7.4	22.5	31.9	50.5	70.2	86.3	103.4	113.9	129.5	138.4	140.3
62.5°	7.4	23.9	34.3	58.2	79.6	102.9	121.3	137.2	156.3	167.0	174.1
60°	7.4	25.3	36.7	66.0	89.2	119.8	139.7	163.5	183.9	203.1	210.1
57.5°	7.4	26.7	42.3	73.7	103.7	137.0	165.0	190.8	218.7	240.9	252.1
55°	7.4	28.0	47.9	81.4	118.5	154.4	191.6	220.0	256.4	282.0	299.0
52.5°	7.4	29.4	53.4	89.0	133.3	173.0	218.7	256.7	295.2	330.8	349.5
50°	7.4	30.7	58.9	96.6	148.2	196.8	246.3	295.2	337.7	382.1	413.0
47.5°	7.4	32.0	64.2	105.1	163.1	220.7	275.3	334.4	387.3	436.2	483.1
45°	7.4	33.3	69.4	116.3	177.9	244.6	309.9	374.4	440.9	505.9	558.9
42.5°	7.4	34.5	74.4	127.4	192.7	268.6	344.8	419.7	496.2	579.8	660.7
40°	7.4	35.7	79.4	138.3	209.6	292.6	379.9	469.0	556.5	657.2	774.0
37.5°	7.4	36.9	84.1	148.9	228.2	316.6	415.1	518.9	623.8	740.0	895.3
35°	7.4	38.0	88.8	159.2	246.6	343.4	450.3	569.3	690.6	836.5	1030.6
32.5°	7.4	39.1	93.3	169.2	264.6	371.3	487.3	620.2	756.5	929.1	1149.7
30°	7.4	40.2	97.6	178.7	282.1	398.8	528.5	672.1	821.6	1017.5	1261.4
27.5°	7.4	41.2	101.7	187.8	298.1	425.7	569.2	726.3	889.6	1101.8	1365.4
25°	7.4	42.2	105.6	196.4	313.2	451.9	609.2	779.1	961.2	1187.8	1462.4
22.5°	7.4	43.1	109.3	204.6	327.6	476.1	648.4	830.2	1029.0	1270.7	1564.3
20°	7.4	44.0	112.8	212.3	341.0	496.2	686.5	879.5	1092.8	1347.2	1660.4
17.5°	7.4	44.8	116.0	219.5	353.6	514.8	716.5	926.8	1152.5	1417.1	1750.4
15°	7.4	45.6	119.0	226.1	365.3	531.9	739.7	966.5	1208.1	1480.7	1833.9
12.5°	7.4	46.3	121.8	232.1	375.9	547.3	760.3	997.6	1257.0	1538.0	1910.4
10°	7.4	46.9	124.2	237.6	385.5	561.1	778.1	1026.4	1301.0	1605.2	1988.4
7.5°	7.4	47.5	126.4	242.4	394.1	573.2	793.3	1052.7	1341.8	1671.9	2077.3
5°	7.4	47.9	128.4	246.6	401.5	583.7	805.7	1076.1	1378.8	1734.7	2158.6
2.5°	7.4	48.4	130.0	250.1	407.8	592.3	815.5	1096.1	1411.7	1792.5	2231.7
0°	7.4	48.7	131.3	253.0	412.9	599.2	822.6	1112.6	1439.8	1844.2	2296.2
-2.5°	7.4	49.7	133.3	256.8	419.6	610.4	842.4	1139.9	1474.9	1880.4	2337.0
-5°	7.4	50.5	135.0	259.9	425.1	619.6	859.3	1163.1	1504.6	1909.5	2368.5
-7.5°	7.4	51.3	136.4	262.3	429.2	626.9	873.0	1181.7	1528.5	1931.3	2390.5
-10°	7.4	52.0	137.4	263.9	432.0	632.0	883.4	1195.6	1546.5	1946.2	2403.0
-12.5°	7.4	52.6	138.1	264.7	433.3	635.0	890.1	1204.7	1558.4	1954.5	2412.8
-15°	7.4	53.1	138.5	264.7	433.1	635.7	893.0	1208.7	1562.4	1958.0	2415.1
-17.5°	7.4	53.6	138.5	263.9	431.5	634.0	891.8	1205.9	1557.9	1952.9	2406.2
-20°	7.4	53.9	138.2	262.3	428.3	630.0	886.8	1197.0	1546.5	1938.9	2385.6



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 CATALOG NUMBER: EPH-08-320L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.4	54.1	137.5	259.9	423.5	623.5	879.0	1183.3	1528.1	1916.0	2353.3
-25°	7.4	54.3	136.5	256.6	417.2	617.1	867.8	1164.9	1502.5	1884.1	2309.1
-27.5°	7.4	54.3	135.1	252.5	409.3	609.2	853.1	1141.7	1469.7	1845.4	2265.7
-30°	7.4	54.3	133.5	247.5	400.1	598.6	835.0	1113.8	1435.1	1802.7	2212.1
-32.5°	7.4	54.1	131.4	241.7	391.6	585.4	813.5	1087.1	1398.2	1751.3	2147.7
-35°	7.4	53.8	129.0	235.0	381.5	569.5	793.4	1058.3	1355.9	1691.2	2072.6
-37.5°	7.4	53.5	126.3	227.6	369.7	552.4	771.9	1025.5	1308.2	1622.5	1994.7
-40°	7.4	53.0	123.3	219.3	356.3	536.0	747.0	988.8	1255.4	1558.2	1912.7
-42.5°	7.4	52.5	120.0	210.7	343.8	517.3	718.6	948.3	1205.2	1494.4	1822.8
-45°	7.4	51.8	116.3	202.2	332.5	496.4	686.8	906.9	1154.4	1423.0	1727.8
-47.5°	7.4	51.1	112.3	192.9	319.9	473.3	651.7	865.5	1099.3	1344.1	1638.3
-50°	7.4	50.2	108.0	186.3	306.1	448.0	619.9	820.0	1037.7	1273.4	1539.7
-52.5°	7.4	49.3	103.4	180.1	290.9	420.7	586.4	770.5	975.3	1196.4	1434.6
-55°	7.4	48.3	98.6	173.3	274.5	398.3	550.3	718.4	910.3	1113.6	1340.0
-57.5°	7.4	47.1	93.4	165.9	257.0	375.4	511.6	671.9	841.0	1031.5	1238.8
-60°	7.4	45.9	88.1	157.8	238.7	351.1	471.9	621.1	770.3	946.4	1134.5
-62.5°	7.4	44.6	85.3	149.1	226.0	325.2	439.4	566.9	706.1	856.6	1031.5
-65°	7.4	43.3	82.3	139.8	212.4	297.9	405.1	514.1	638.7	774.8	923.5
-67.5°	7.4	41.8	79.2	130.0	198.0	273.8	369.0	468.7	568.5	692.7	823.6
-70°	7.4	40.3	75.9	119.7	182.8	253.0	331.4	421.6	512.1	607.5	725.3
-72.5°	7.4	38.7	72.4	113.3	166.9	231.1	301.5	372.8	454.3	539.6	628.4
-75°	7.4	37.1	68.8	107.6	150.3	208.4	271.7	331.8	394.8	470.1	548.5
-77.5°	7.4	35.3	65.0	101.7	140.3	184.8	240.8	292.8	346.5	403.1	466.6
-80°	7.4	33.6	61.1	95.5	131.4	168.6	209.0	252.9	298.5	346.3	396.3
-82.5°	7.4	31.7	57.1	89.2	122.3	156.3	191.4	219.5	249.4	288.4	329.0
-85°	7.4	29.8	53.0	82.6	112.8	143.7	175.2	199.8	224.5	249.5	274.7
-87.5°	7.4	27.9	48.8	75.8	103.1	130.8	158.7	179.9	201.1	222.5	244.0
-90°	7.4	8.0	8.5	8.5	8.5	8.5	8.5	8.2	8.0	7.7	7.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	228.4	244.0	259.6	275.2	290.6	306.0	321.3	336.7	351.0	365.3	379.5
87.5°	12.7	13.0	13.2	13.5	13.0	12.3	11.6	10.9	11.7	12.7	13.7
85°	17.9	18.5	20.1	21.3	22.1	23.2	24.6	26.3	29.4	32.5	35.5
82.5°	29.8	31.8	33.2	34.1	37.0	40.7	44.6	48.2	51.7	55.1	58.3
80°	43.1	45.2	45.5	46.0	49.9	54.7	59.8	65.1	69.4	73.3	76.9
77.5°	52.8	53.9	55.3	56.9	62.0	68.9	75.9	82.9	88.0	92.2	96.0
75°	60.4	62.5	67.6	70.7	76.4	84.5	92.6	100.5	105.7	108.5	110.4
72.5°	72.7	80.0	84.5	86.2	91.7	101.3	109.9	117.6	121.6	121.0	118.5
70°	91.8	98.6	104.4	106.6	109.0	118.3	125.4	130.8	133.2	128.4	118.9
67.5°	112.4	122.8	128.1	128.4	125.1	133.2	139.5	138.7	134.5	124.0	111.5
65°	138.8	148.7	153.5	151.5	142.6	144.4	143.9	140.2	130.5	116.1	101.1
62.5°	168.4	177.3	181.0	176.0	159.6	152.5	148.5	138.8	124.1	110.0	95.8
60°	206.0	208.0	210.4	201.3	180.7	161.2	153.6	143.9	128.1	108.8	97.1
57.5°	248.2	241.4	242.5	232.4	208.6	173.8	170.4	158.1	144.7	119.2	107.3
55°	296.8	278.2	281.2	272.0	250.2	211.2	198.0	196.2	177.5	157.5	135.4
52.5°	355.2	329.9	329.3	327.9	316.1	282.5	252.2	273.3	285.1	262.8	277.0
50°	420.8	408.2	389.3	411.3	418.3	400.5	373.9	432.7	503.6	536.0	535.2
47.5°	507.9	500.5	484.1	524.0	573.9	619.7	630.7	736.9	844.2	962.8	976.9
45°	610.5	629.4	620.1	704.9	811.7	934.7	1026.1	1129.1	1373.3	1515.0	1724.9
42.5°	724.4	779.4	829.6	909.7	1161.8	1318.3	1456.1	1714.7	1957.7	2163.1	2379.9
40°	871.0	943.3	1052.9	1270.8	1542.5	1723.8	1961.0	2255.7	2501.7	2733.6	2955.6
37.5°	1029.9	1150.8	1299.1	1611.4	1920.7	2147.8	2438.2	2730.5	3010.2	3270.4	3580.8
35°	1197.8	1358.9	1592.4	1918.8	2243.4	2559.6	2879.2	3204.8	3524.0	3880.6	4229.6
32.5°	1380.7	1567.3	1862.0	2208.6	2572.0	2939.3	3310.7	3690.8	4096.5	4512.2	4882.5
30°	1545.6	1799.4	2113.1	2489.1	2899.1	3320.9	3754.3	4191.8	4689.9	5182.0	5626.2
27.5°	1671.7	2012.0	2362.4	2777.9	3227.1	3697.6	4199.7	4741.8	5321.7	5885.8	6413.2
25°	1792.6	2175.6	2601.5	3066.6	3565.7	4094.6	4656.3	5263.2	5974.8	6635.8	7293.5
22.5°	1919.2	2340.5	2800.0	3348.0	3895.2	4497.3	5120.5	5818.9	6605.3	7386.7	8186.0
20°	2054.0	2511.1	2996.0	3573.8	4203.6	4893.9	5557.3	6370.2	7245.0	8153.0	9128.0
17.5°	2185.3	2667.9	3185.8	3795.0	4477.5	5250.7	5978.5	6903.9	7873.3	8911.8	10014.6
15°	2311.9	2810.8	3359.1	3998.3	4742.5	5563.3	6414.5	7428.5	8512.6	9659.1	10817.2
12.5°	2432.2	2939.8	3515.2	4182.9	4989.9	5867.0	6804.8	7871.1	9058.6	10325.9	11588.3
10°	2544.7	3055.0	3654.0	4347.8	5216.8	6156.7	7152.1	8266.8	9501.5	10807.2	12215.2
7.5°	2629.9	3150.6	3776.3	4492.1	5420.2	6426.6	7456.1	8613.5	9875.8	11235.7	12749.3
5°	2695.3	3228.3	3889.5	4658.8	5615.6	6649.9	7706.1	8909.2	10182.6	11604.4	13210.4
2.5°	2744.9	3293.9	3986.4	4813.6	5790.6	6802.0	7869.2	9103.2	10458.6	11948.7	13585.2
0°	2781.1	3346.4	4065.2	4946.0	5932.7	6914.0	7989.6	9244.1	10682.8	12240.1	13862.0
-2.5°	2842.6	3439.4	4175.4	5050.9	6021.3	7023.6	8144.7	9440.3	10895.5	12423.9	14100.6
-5°	2891.8	3516.0	4264.5	5129.8	6079.0	7095.4	8251.6	9576.8	11034.7	12547.7	14223.8
-7.5°	2927.4	3573.9	4331.4	5182.2	6117.6	7153.4	8326.3	9644.7	11086.8	12621.6	14243.1
-10°	2948.5	3601.3	4352.5	5197.7	6138.4	7184.6	8355.0	9654.7	11071.3	12604.2	14190.3
-12.5°	2956.5	3600.7	4346.0	5185.1	6122.4	7169.8	8332.3	9607.5	10989.6	12492.2	14055.7
-15°	2951.2	3582.3	4315.7	5143.9	6068.5	7106.9	8257.7	9504.5	10838.1	12264.0	13783.6
-17.5°	2932.7	3545.9	4261.4	5074.0	5975.8	6994.9	8124.9	9314.0	10620.4	12000.6	13437.7
-20°	2901.0	3491.6	4182.7	4975.4	5849.2	6847.7	7937.1	9088.2	10343.2	11686.2	13050.3



REPORT NUMBER: P1305592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2856.1	3419.4	4090.9	4864.2	5727.8	6680.4	7712.9	8816.6	9989.9	11311.1	12611.1
-25°	2804.6	3355.6	3994.8	4743.1	5574.3	6484.5	7450.4	8505.7	9613.1	10849.6	12107.9
-27.5°	2745.8	3278.1	3892.4	4598.0	5386.0	6266.7	7190.2	8180.9	9229.4	10341.2	11547.8
-30°	2673.1	3190.1	3769.8	4439.1	5195.2	6029.7	6917.7	7813.2	8806.4	9854.7	10960.6
-32.5°	2587.0	3083.7	3647.4	4284.9	4987.6	5755.4	6599.6	7451.2	8367.6	9337.7	10362.6
-35°	2494.8	2975.8	3511.1	4109.3	4759.8	5479.3	6250.3	7060.4	7903.2	8814.8	9716.4
-37.5°	2402.0	2852.3	3351.9	3923.2	4546.4	5185.6	5879.1	6649.7	7439.5	8245.5	9073.5
-40°	2297.6	2713.6	3193.4	3726.2	4290.4	4883.5	5533.3	6221.2	6955.5	7682.6	8424.7
-42.5°	2183.9	2585.7	3025.6	3500.9	4029.0	4580.9	5164.0	5807.6	6447.6	7108.0	7793.3
-45°	2075.9	2446.0	2846.9	3288.7	3755.5	4265.9	4810.1	5372.7	5948.8	6532.4	7156.2
-47.5°	1959.9	2300.9	2678.5	3061.4	3490.3	3952.3	4441.6	4947.9	5446.9	5982.0	6515.2
-50°	1839.1	2164.6	2490.0	2845.9	3226.8	3641.4	4085.3	4521.8	4978.1	5441.5	5922.1
-52.5°	1717.9	2020.3	2315.1	2626.6	2971.1	3339.3	3726.0	4116.1	4521.6	4929.4	5341.4
-55°	1587.1	1867.7	2135.1	2416.5	2718.6	3048.5	3375.9	3726.8	4078.3	4451.5	4790.0
-57.5°	1463.4	1702.6	1950.2	2207.3	2477.7	2758.5	3049.2	3342.8	3662.7	3984.6	4274.5
-60°	1341.4	1543.8	1760.0	1995.1	2237.1	2485.8	2726.8	2988.8	3259.4	3523.0	3788.4
-62.5°	1214.9	1394.1	1578.9	1778.4	1998.6	2212.9	2430.4	2651.2	2871.6	3105.5	3329.9
-65°	1090.0	1242.9	1406.8	1579.6	1756.7	1950.3	2141.5	2328.0	2524.9	2716.3	2902.2
-67.5°	959.6	1099.6	1239.9	1384.0	1542.3	1700.4	1859.4	2030.8	2197.0	2353.4	2511.0
-70°	843.1	955.8	1080.0	1207.1	1333.1	1462.7	1604.0	1745.6	1884.6	2017.9	2154.3
-72.5°	727.3	828.4	929.9	1031.7	1141.3	1250.4	1360.7	1471.8	1588.0	1704.3	1817.3
-75°	624.1	699.9	788.1	877.9	963.5	1046.9	1132.3	1226.7	1319.6	1410.8	1501.2
-77.5°	530.0	594.0	660.1	728.3	793.3	863.3	933.6	1004.0	1073.3	1141.1	1207.6
-80°	441.5	486.4	539.7	594.9	646.6	697.5	748.5	799.3	850.7	904.4	959.9
-82.5°	365.5	402.1	439.1	476.5	510.8	544.4	579.1	618.8	659.4	699.8	739.6
-85°	296.0	316.9	345.4	374.1	401.5	428.6	455.3	481.6	508.6	535.2	561.4
-87.5°	262.4	280.6	298.8	317.0	334.4	351.7	368.9	385.9	403.3	420.6	437.9
-90°	7.4	7.4	7.4	7.4	7.2	6.9	6.7	6.4	6.1	5.9	5.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	393.8	398.3	402.8	407.3	411.8	422.4	433.0	443.6	454.2	456.6	459.0
87.5°	14.8	14.8	14.8	14.8	14.8	17.2	19.6	22.1	24.6	24.4	24.0
85°	38.5	39.0	39.3	39.3	39.2	42.4	45.7	48.9	52.0	49.9	47.5
82.5°	61.3	62.4	63.5	64.6	65.8	69.1	72.5	75.6	78.6	79.6	80.5
80°	80.3	82.4	83.9	85.1	86.1	89.0	92.0	95.0	97.8	100.8	103.8
77.5°	98.6	99.3	99.0	98.0	96.5	96.9	97.6	97.9	97.9	99.5	101.2
75°	111.4	109.9	105.6	100.5	94.9	91.5	88.9	86.2	83.5	83.0	83.2
72.5°	114.2	108.4	101.2	92.3	83.5	77.5	73.3	69.4	65.6	63.7	62.6
70°	108.1	97.0	87.4	77.8	68.5	61.6	57.5	53.8	50.3	48.1	46.6
67.5°	97.3	83.6	73.5	63.7	54.6	47.5	43.9	40.6	37.6	35.3	33.7
65°	86.4	71.8	62.1	52.7	43.5	36.4	33.7	30.9	28.3	26.3	25.2
62.5°	80.4	65.1	54.9	46.7	38.4	30.2	27.4	24.6	21.8	19.7	18.7
60°	82.5	65.1	52.8	45.2	36.6	27.2	23.6	21.1	18.2	15.7	14.8
57.5°	95.5	76.5	58.1	55.1	46.4	32.5	33.8	39.4	35.2	24.3	23.0
55°	146.1	141.3	92.5	119.7	139.2	131.2	122.5	162.2	181.5	182.5	200.4
52.5°	290.2	324.5	311.7	326.6	407.1	439.7	435.4	506.3	543.0	538.0	557.2
50°	611.0	681.2	767.5	781.4	916.4	1010.1	1032.7	1114.8	1205.9	1240.8	1280.1
47.5°	1192.5	1356.8	1440.2	1534.1	1689.6	1859.9	1991.8	2110.0	2238.1	2325.6	2431.3
45°	1942.5	2058.6	2203.6	2422.0	2659.2	2881.5	3090.2	3280.5	3406.0	3517.8	3636.6
42.5°	2559.5	2744.9	2988.2	3313.9	3651.4	3879.6	4051.3	4234.6	4430.7	4617.0	4788.9
40°	3191.3	3406.1	3792.1	4161.2	4413.1	4633.3	4868.4	5117.2	5373.5	5617.9	5861.1
37.5°	3868.4	4185.9	4523.9	4846.5	5113.0	5321.3	5643.5	5919.1	6175.9	6540.0	6873.9
35°	4588.9	4934.0	5224.4	5593.4	5891.4	6148.3	6485.4	6832.5	7054.8	7554.2	7986.5
32.5°	5305.7	5707.9	6095.2	6445.5	6815.3	7211.5	7539.6	8015.7	8378.0	8855.6	9325.2
30°	6052.6	6604.0	7087.4	7471.8	7975.6	8487.7	8948.0	9508.8	10042.8	10487.3	10985.0
27.5°	6995.0	7608.1	8197.6	8790.1	9328.2	9967.7	10700.5	11293.7	11977.3	12462.1	12982.6
25°	7995.0	8725.3	9509.4	10273.1	10979.0	11806.4	12637.2	13361.9	14070.4	14628.9	15185.2
22.5°	9082.3	9965.5	10898.6	11860.1	12814.4	13720.8	14612.6	15509.4	16326.1	17093.8	17628.6
20°	10186.5	11167.3	12300.5	13458.9	14557.8	15580.9	16652.5	17786.6	18824.4	19714.0	20372.9
17.5°	11182.7	12412.9	13659.3	14930.3	16169.6	17434.0	18763.6	20097.4	21326.2	22368.0	23242.6
15°	12080.1	13474.0	14916.9	16350.8	17776.0	19231.7	20785.3	22222.5	23599.7	24794.6	25817.2
12.5°	12965.1	14453.8	16000.5	17608.3	19297.8	20874.1	22455.9	24005.6	25448.8	26837.8	27862.2
10°	13748.3	15355.7	17011.7	18734.6	20484.4	22194.5	23861.7	25477.2	26895.3	28206.7	29446.0
7.5°	14386.4	16110.4	17877.8	19689.9	21490.9	23222.4	24920.5	26534.8	27974.2	29318.2	30585.5
5°	14936.8	16765.3	18589.4	20395.1	22207.3	24003.3	25717.7	27309.5	28808.7	30205.4	31475.5
2.5°	15386.0	17292.6	19140.8	20919.3	22724.1	24562.6	26320.2	27858.0	29425.2	30845.7	32095.8
0°	15723.1	17647.7	19436.8	21231.2	23058.4	24917.4	26685.4	28191.8	29787.2	31305.3	32494.2
-2.5°	15907.4	17719.1	19499.8	21300.1	23182.5	25094.8	26860.2	28484.0	30070.2	31493.2	32598.5
-5°	15971.5	17753.6	19528.0	21360.8	23226.8	25109.0	26868.5	28496.5	30019.7	31350.8	32358.9
-7.5°	15928.5	17693.1	19449.7	21264.5	23118.7	24978.4	26709.6	28266.9	29733.8	30994.5	31956.5
-10°	15798.7	17507.6	19264.8	21049.8	22907.9	24743.9	26440.5	27845.4	29246.0	30428.8	31338.4
-12.5°	15584.3	17220.4	18953.4	20698.8	22521.9	24286.8	25867.7	27266.6	28518.1	29716.1	30512.3
-15°	15280.0	16857.5	18514.3	20223.5	21950.6	23658.0	25199.5	26551.6	27711.1	28656.1	29494.5
-17.5°	14898.4	16420.5	18008.2	19646.0	21249.8	22874.2	24302.7	25657.7	26773.0	27614.3	28264.9
-20°	14428.8	15905.8	17424.2	18987.8	20478.0	21859.5	23236.6	24496.6	25598.9	26421.6	27046.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13933.0	15326.5	16765.0	18174.9	19531.9	20830.6	22077.9	23234.2	24282.5	25060.2	25658.6
-25°	13368.8	14672.1	16002.1	17275.5	18514.8	19724.0	20854.5	21926.0	22841.0	23597.6	24153.2
-27.5°	12751.0	13964.5	15165.0	16349.2	17499.1	18544.4	19584.6	20551.8	21356.5	22052.3	22544.3
-30°	12075.9	13185.7	14310.7	15420.8	16415.6	17357.2	18281.4	19121.0	19858.5	20469.5	20910.9
-32.5°	11363.9	12377.8	13421.3	14425.1	15297.4	16146.9	16952.8	17688.8	18365.2	18905.0	19303.0
-35°	10627.7	11567.1	12504.2	13372.1	14185.1	14940.8	15635.2	16287.6	16847.9	17340.0	17730.2
-37.5°	9903.7	10749.8	11563.0	12320.9	13072.1	13765.1	14371.7	14944.0	15453.5	15863.9	16206.0
-40°	9193.6	9942.5	10634.9	11309.4	11980.7	12567.4	13118.2	13611.8	14062.6	14454.7	14758.6
-42.5°	8487.6	9132.6	9730.3	10337.3	10917.6	11426.4	11906.0	12333.6	12724.8	13076.2	13370.9
-45°	7779.2	8330.7	8862.6	9396.4	9878.3	10331.4	10748.2	11124.0	11473.5	11769.4	12011.0
-47.5°	7055.6	7544.9	8028.1	8490.5	8890.3	9281.9	9640.8	9978.3	10293.2	10559.3	10772.8
-50°	6364.7	6797.1	7229.8	7612.1	7948.2	8274.3	8578.0	8903.9	9195.4	9437.8	9614.2
-52.5°	5716.0	6107.1	6478.9	6792.0	7076.2	7330.8	7564.0	7866.8	8141.2	8379.3	8535.7
-55°	5125.2	5459.9	5778.8	6037.5	6274.7	6487.1	6698.8	6942.1	7163.6	7361.7	7492.4
-57.5°	4569.2	4852.9	5118.1	5335.9	5533.8	5711.3	5908.0	6111.4	6293.1	6449.4	6554.7
-60°	4042.0	4283.5	4503.5	4682.7	4847.1	4996.6	5183.7	5361.2	5518.3	5645.8	5724.4
-62.5°	3544.8	3761.3	3932.4	4076.5	4207.8	4333.7	4497.2	4650.6	4792.2	4905.3	4971.1
-65°	3089.4	3279.1	3406.2	3520.2	3623.8	3737.2	3876.2	4001.0	4111.6	4195.6	4252.9
-67.5°	2674.3	2824.4	2924.6	3015.2	3103.9	3201.0	3319.0	3427.9	3527.4	3596.6	3639.4
-70°	2287.7	2403.3	2484.6	2561.7	2635.7	2718.9	2815.6	2905.6	2988.7	3042.5	3076.6
-72.5°	1927.0	2015.1	2082.3	2148.6	2208.3	2279.7	2358.5	2432.3	2500.9	2541.3	2567.2
-75°	1590.4	1658.0	1713.0	1763.9	1810.6	1870.6	1934.4	1994.4	2050.2	2081.0	2100.9
-77.5°	1278.3	1330.1	1371.5	1409.4	1443.8	1491.3	1540.5	1586.6	1629.6	1657.1	1679.2
-80°	1014.0	1045.3	1070.7	1094.4	1116.3	1151.9	1187.9	1221.9	1253.7	1271.7	1285.9
-82.5°	778.9	797.9	813.1	826.3	837.7	862.5	887.3	910.7	932.7	944.3	954.1
-85°	587.1	597.3	605.9	613.6	620.3	637.5	654.6	671.0	686.9	690.2	692.6
-87.5°	455.2	460.8	466.0	471.1	476.0	488.8	501.5	514.1	526.7	528.9	530.8
-90°	5.3	5.0	4.8	4.5	4.2	4.0	3.7	3.5	3.2	2.9	2.7



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	461.3	463.7	462.1	460.5	462.1	463.7	461.3	459.0	456.6	454.2	443.6
87.5°	23.6	23.2	23.3	23.3	23.3	23.2	23.6	24.0	24.4	24.6	22.1
85°	44.9	42.2	40.2	38.1	40.2	42.2	44.9	47.5	49.9	52.0	48.9
82.5°	81.4	82.1	81.9	81.5	81.9	82.1	81.4	80.5	79.6	78.6	75.6
80°	106.7	109.6	110.5	111.2	110.5	109.6	106.7	103.8	100.8	97.8	95.0
77.5°	103.0	104.8	105.4	105.9	105.4	104.8	103.0	101.2	99.5	97.9	97.9
75°	83.5	84.0	83.7	83.6	83.7	84.0	83.5	83.2	83.0	83.5	86.2
72.5°	61.7	60.9	60.5	60.3	60.5	60.9	61.7	62.6	63.7	65.6	69.4
70°	45.2	44.0	43.0	42.3	43.0	44.0	45.2	46.6	48.1	50.3	53.8
67.5°	32.4	31.2	30.3	29.6	30.3	31.2	32.4	33.7	35.3	37.6	40.6
65°	24.3	23.7	22.9	22.2	22.9	23.7	24.3	25.2	26.3	28.3	30.9
62.5°	17.9	17.3	17.0	16.9	17.0	17.3	17.9	18.7	19.7	21.8	24.6
60°	13.9	13.1	12.8	12.7	12.8	13.1	13.9	14.8	15.7	18.2	21.1
57.5°	20.8	17.8	16.0	14.8	16.0	17.8	20.8	23.0	24.3	35.2	39.4
55°	209.9	210.5	214.7	219.1	214.7	210.5	209.9	200.4	182.5	181.5	162.2
52.5°	571.8	570.0	564.8	554.7	564.8	570.0	571.8	557.2	538.0	543.0	506.3
50°	1303.7	1285.2	1245.4	1188.9	1245.4	1285.2	1303.7	1280.1	1240.8	1205.9	1114.8
47.5°	2573.6	2680.1	2753.8	2786.4	2753.8	2680.1	2573.6	2431.3	2325.6	2238.1	2110.0
45°	3760.3	3823.4	3860.3	3889.5	3860.3	3823.4	3760.3	3636.6	3517.8	3406.0	3280.5
42.5°	4935.1	5035.2	5084.5	5076.2	5084.5	5035.2	4935.1	4788.9	4617.0	4430.7	4234.6
40°	6094.7	6304.2	6476.1	6599.6	6476.1	6304.2	6094.7	5861.1	5617.9	5373.5	5117.2
37.5°	7204.1	7516.1	7779.7	7970.6	7779.7	7516.1	7204.1	6873.9	6540.0	6175.9	5919.1
35°	8340.2	8615.3	8795.9	8874.7	8795.9	8615.3	8340.2	7986.5	7554.2	7054.8	6832.5
32.5°	9624.7	9777.5	9809.9	9892.0	9809.9	9777.5	9624.7	9325.2	8855.6	8378.0	8015.7
30°	11288.1	11447.0	11450.9	11554.1	11450.9	11447.0	11288.1	10985.0	10487.3	10042.8	9508.8
27.5°	13392.9	13660.4	13747.3	13838.7	13747.3	13660.4	13392.9	12982.6	12462.1	11977.3	11293.7
25°	15646.7	15896.1	15976.0	15945.4	15976.0	15896.1	15646.7	15185.2	14628.9	14070.4	13361.9
22.5°	18176.4	18499.8	18617.4	18558.1	18617.4	18499.8	18176.4	17628.6	17093.8	16326.1	15509.4
20°	21007.8	21474.5	21721.2	21832.5	21721.2	21474.5	21007.8	20372.9	19714.0	18824.4	17786.6
17.5°	23987.9	24675.7	24991.6	25084.7	24991.6	24675.7	23987.9	23242.6	22368.0	21326.2	20097.4
15°	26699.1	27299.7	27709.3	27919.8	27709.3	27299.7	26699.1	25817.2	24794.6	23599.7	22222.5
12.5°	28795.4	29560.9	30198.9	30541.0	30198.9	29560.9	28795.4	27862.2	26837.8	25448.8	24005.6
10°	30504.2	31277.1	31857.2	32138.5	31857.2	31277.1	30504.2	29446.0	28206.7	26895.3	25477.2
7.5°	31686.5	32404.8	32855.1	33039.4	32855.1	32404.8	31686.5	30585.5	29318.2	27974.2	26534.8
5°	32450.6	33137.4	33470.3	33589.9	33470.3	33137.4	32450.6	31475.5	30205.4	28808.7	27309.5
2.5°	33000.9	33544.3	33810.9	33828.1	33810.9	33544.3	33000.9	32095.8	30845.7	29425.2	27858.0
0°	33252.2	33741.3	34033.5	34028.2	34033.5	33741.3	33252.2	32494.2	31305.3	29787.2	28191.8
-2.5°	33264.3	33689.9	33897.5	33780.4	33897.5	33689.9	33264.3	32598.5	31493.2	30070.2	28484.0
-5°	33027.1	33443.6	33599.2	33563.4	33599.2	33443.6	33027.1	32358.9	31350.8	30019.7	28496.5
-7.5°	32601.1	32970.7	33129.5	33134.7	33129.5	32970.7	32601.1	31956.5	30994.5	29733.8	28266.9
-10°	31951.6	32260.4	32442.3	32390.4	32442.3	32260.4	31951.6	31338.4	30428.8	29246.0	27845.4
-12.5°	31092.4	31397.1	31551.5	31520.2	31551.5	31397.1	31092.4	30512.3	29716.1	28518.1	27266.6
-15°	30064.6	30354.2	30498.7	30484.9	30498.7	30354.2	30064.6	29494.5	28656.1	27711.1	26551.6
-17.5°	28792.0	29082.4	29230.3	29250.5	29230.3	29082.4	28792.0	28264.9	27614.3	26773.0	25657.7
-20°	27458.4	27714.5	27850.1	27852.0	27850.1	27714.5	27458.4	27046.9	26421.6	25598.9	24496.6



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	26076.0	26363.6	26524.4	26500.1	26524.4	26363.6	26076.0	25658.6	25060.2	24282.5	23234.2
-25°	24535.2	24823.3	24979.7	24973.5	24979.7	24823.3	24535.2	24153.2	23597.6	22841.0	21926.0
-27.5°	22890.2	23167.2	23318.1	23336.9	23318.1	23167.2	22890.2	22544.3	22052.3	21356.5	20551.8
-30°	21233.3	21506.3	21654.2	21666.3	21654.2	21506.3	21233.3	20910.9	20469.5	19858.5	19121.0
-32.5°	19609.7	19856.3	19992.9	20007.4	19992.9	19856.3	19609.7	19303.0	18905.0	18365.2	17688.8
-35°	18025.6	18242.3	18364.9	18404.6	18364.9	18242.3	18025.6	17730.2	17340.0	16847.9	16287.6
-37.5°	16484.0	16679.8	16798.2	16870.6	16798.2	16679.8	16484.0	16206.0	15863.9	15453.5	14944.0
-40°	14994.9	15166.5	15260.8	15262.5	15260.8	15166.5	14994.9	14758.6	14454.7	14062.6	13611.8
-42.5°	13589.2	13733.6	13805.8	13806.9	13805.8	13733.6	13589.2	13370.9	13076.2	12724.8	12333.6
-45°	12205.5	12346.8	12446.9	12510.1	12446.9	12346.8	12205.5	12011.0	11769.4	11473.5	11124.0
-47.5°	10935.6	11051.4	11130.8	11174.0	11130.8	11051.4	10935.6	10772.8	10559.3	10293.2	9978.3
-50°	9743.4	9836.1	9903.8	9943.9	9903.8	9836.1	9743.4	9614.2	9437.8	9195.4	8903.9
-52.5°	8641.8	8709.4	8733.7	8718.0	8733.7	8709.4	8641.8	8535.7	8379.3	8141.2	7866.8
-55°	7590.4	7657.8	7684.7	7675.2	7684.7	7657.8	7590.4	7492.4	7361.7	7163.6	6942.1
-57.5°	6637.5	6697.2	6745.0	6774.3	6745.0	6697.2	6637.5	6554.7	6449.4	6293.1	6111.4
-60°	5786.3	5830.5	5860.5	5872.3	5860.5	5830.5	5786.3	5724.4	5645.8	5518.3	5361.2
-62.5°	5017.3	5044.8	5066.2	5075.2	5066.2	5044.8	5017.3	4971.1	4905.3	4792.2	4650.6
-65°	4298.5	4332.1	4328.0	4304.5	4328.0	4332.1	4298.5	4252.9	4195.6	4111.6	4001.0
-67.5°	3671.7	3693.5	3712.3	3722.2	3712.3	3693.5	3671.7	3639.4	3596.6	3527.4	3427.9
-70°	3102.6	3120.5	3127.2	3125.1	3127.2	3120.5	3102.6	3076.6	3042.5	2988.7	2905.6
-72.5°	2586.8	2599.8	2602.4	2597.9	2602.4	2599.8	2586.8	2567.2	2541.3	2500.9	2432.3
-75°	2115.1	2123.8	2128.2	2127.9	2128.2	2123.8	2115.1	2100.9	2081.0	2050.2	1994.4
-77.5°	1697.5	1712.2	1705.9	1694.9	1705.9	1712.2	1697.5	1679.2	1657.1	1629.6	1586.6
-80°	1297.5	1306.4	1301.5	1293.7	1301.5	1306.4	1297.5	1285.9	1271.7	1253.7	1221.9
-82.5°	962.6	969.7	961.6	951.7	961.6	969.7	962.6	954.1	944.3	932.7	910.7
-85°	694.3	695.4	694.7	693.4	694.7	695.4	694.3	692.6	690.2	686.9	671.0
-87.5°	532.7	534.3	532.9	531.4	532.9	534.3	532.7	530.8	528.9	526.7	514.1
-90°	2.4	2.1	2.7	3.2	2.7	2.1	2.4	2.7	2.9	3.2	3.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	433.0	422.4	411.8	407.3	402.8	398.3	393.8	379.5	365.3	351.0	336.7
87.5°	19.6	17.2	14.8	14.8	14.8	14.8	14.8	13.7	12.7	11.7	10.9
85°	45.7	42.4	39.2	39.3	39.3	39.0	38.5	35.5	32.5	29.4	26.3
82.5°	72.5	69.1	65.8	64.6	63.5	62.4	61.3	58.3	55.1	51.7	48.2
80°	92.0	89.0	86.1	85.1	83.9	82.4	80.3	76.9	73.3	69.4	65.1
77.5°	97.6	96.9	96.5	98.0	99.0	99.3	98.6	96.0	92.2	88.0	82.9
75°	88.9	91.5	94.9	100.5	105.6	109.9	111.4	110.4	108.5	105.7	100.5
72.5°	73.3	77.5	83.5	92.3	101.2	108.4	114.2	118.5	121.0	121.6	117.6
70°	57.5	61.6	68.5	77.8	87.4	97.0	108.1	118.9	128.4	133.2	130.8
67.5°	43.9	47.5	54.6	63.7	73.5	83.6	97.3	111.5	124.0	134.5	138.7
65°	33.7	36.4	43.5	52.7	62.1	71.8	86.4	101.1	116.1	130.5	140.2
62.5°	27.4	30.2	38.4	46.7	54.9	65.1	80.4	95.8	110.0	124.1	138.8
60°	23.6	27.2	36.6	45.2	52.8	65.1	82.5	97.1	108.8	128.1	143.9
57.5°	33.8	32.5	46.4	55.1	58.1	76.5	95.5	107.3	119.2	144.7	158.1
55°	122.5	131.2	139.2	119.7	92.5	141.3	146.1	135.4	157.5	177.5	196.2
52.5°	435.4	439.7	407.1	326.6	311.7	324.5	290.2	277.0	262.8	285.1	273.3
50°	1032.7	1010.1	916.4	781.4	767.5	681.2	611.0	535.2	536.0	503.6	432.7
47.5°	1991.8	1859.9	1689.6	1534.1	1440.2	1356.8	1192.5	976.9	962.8	844.2	736.9
45°	3090.2	2881.5	2659.2	2422.0	2203.6	2058.6	1942.5	1724.9	1515.0	1373.3	1129.1
42.5°	4051.3	3879.6	3651.4	3313.9	2988.2	2744.9	2559.5	2379.9	2163.1	1957.7	1714.7
40°	4868.4	4633.3	4413.1	4161.2	3792.1	3406.1	3191.3	2955.6	2733.6	2501.7	2255.7
37.5°	5643.5	5321.3	5113.0	4846.5	4523.9	4185.9	3868.4	3580.8	3270.4	3010.2	2730.5
35°	6485.4	6148.3	5891.4	5593.4	5224.4	4934.0	4588.9	4229.6	3880.6	3524.0	3204.8
32.5°	7539.6	7211.5	6815.3	6445.5	6095.2	5707.9	5305.7	4882.5	4512.2	4096.5	3690.8
30°	8948.0	8487.7	7975.6	7471.8	7087.4	6604.0	6052.6	5626.2	5182.0	4689.9	4191.8
27.5°	10700.5	9967.7	9328.2	8790.1	8197.6	7608.1	6995.0	6413.2	5885.8	5321.7	4741.8
25°	12637.2	11806.4	10979.0	10273.1	9509.4	8725.3	7995.0	7293.5	6635.8	5974.8	5263.2
22.5°	14612.6	13720.8	12814.4	11860.1	10898.6	9965.5	9082.3	8186.0	7386.7	6605.3	5818.9
20°	16652.5	15580.9	14557.8	13458.9	12300.5	11167.3	10186.5	9128.0	8153.0	7245.0	6370.2
17.5°	18763.6	17434.0	16169.6	14930.3	13659.3	12412.9	11182.7	10014.6	8911.8	7873.3	6903.9
15°	20785.3	19231.7	17776.0	16350.8	14916.9	13474.0	12080.1	10817.2	9659.1	8512.6	7428.5
12.5°	22455.9	20874.1	19297.8	17608.3	16000.5	14453.8	12965.1	11588.3	10325.9	9058.6	7871.1
10°	23861.7	22194.5	20484.4	18734.6	17011.7	15355.7	13748.3	12215.2	10807.2	9501.5	8266.8
7.5°	24920.5	23222.4	21490.9	19689.9	17877.8	16110.4	14386.4	12749.3	11235.7	9875.8	8613.5
5°	25717.7	24003.3	22207.3	20395.1	18589.4	16765.3	14936.8	13210.4	11604.4	10182.6	8909.2
2.5°	26320.2	24562.6	22724.1	20919.3	19140.8	17292.6	15386.0	13585.2	11948.7	10458.6	9103.2
0°	26685.4	24917.4	23058.4	21231.2	19436.8	17647.7	15723.1	13862.0	12240.1	10682.8	9244.1
-2.5°	26860.2	25094.8	23182.5	21300.1	19499.8	17719.1	15907.4	14100.6	12423.9	10895.5	9440.3
-5°	26868.5	25109.0	23226.8	21360.8	19528.0	17753.6	15971.5	14223.8	12547.7	11034.7	9576.8
-7.5°	26709.6	24978.4	23118.7	21264.5	19449.7	17693.1	15928.5	14243.1	12621.6	11086.8	9644.7
-10°	26440.5	24743.9	22907.9	21049.8	19264.8	17507.6	15798.7	14190.3	12604.2	11071.3	9654.7
-12.5°	25867.7	24286.8	22521.9	20698.8	18953.4	17220.4	15584.3	14055.7	12492.2	10989.6	9607.5
-15°	25199.5	23658.0	21950.6	20223.5	18514.3	16857.5	15280.0	13783.6	12264.0	10838.1	9504.5
-17.5°	24302.7	22874.2	21249.8	19646.0	18008.2	16420.5	14898.4	13437.7	12000.6	10620.4	9314.0
-20°	23236.6	21859.5	20478.0	18987.8	17424.2	15905.8	14428.8	13050.3	11686.2	10343.2	9088.2



REPORT NUMBER: P1305592 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	22077.9	20830.6	19531.9	18174.9	16765.0	15326.5	13933.0	12611.1	11311.1	9989.9	8816.6
-25°	20854.5	19724.0	18514.8	17275.5	16002.1	14672.1	13368.8	12107.9	10849.6	9613.1	8505.7
-27.5°	19584.6	18544.4	17499.1	16349.2	15165.0	13964.5	12751.0	11547.8	10341.2	9229.4	8180.9
-30°	18281.4	17357.2	16415.6	15420.8	14310.7	13185.7	12075.9	10960.6	9854.7	8806.4	7813.2
-32.5°	16952.8	16146.9	15297.4	14425.1	13421.3	12377.8	11363.9	10362.6	9337.7	8367.6	7451.2
-35°	15635.2	14940.8	14185.1	13372.1	12504.2	11567.1	10627.7	9716.4	8814.8	7903.2	7060.4
-37.5°	14371.7	13765.1	13072.1	12320.9	11563.0	10749.8	9903.7	9073.5	8245.5	7439.5	6649.7
-40°	13118.2	12567.4	11980.7	11309.4	10634.9	9942.5	9193.6	8424.7	7682.6	6955.5	6221.2
-42.5°	11906.0	11426.4	10917.6	10337.3	9730.3	9132.6	8487.6	7793.3	7108.0	6447.6	5807.6
-45°	10748.2	10331.4	9878.3	9396.4	8862.6	8330.7	7779.2	7156.2	6532.4	5948.8	5372.7
-47.5°	9640.8	9281.9	8890.3	8490.5	8028.1	7544.9	7055.6	6515.2	5982.0	5446.9	4947.9
-50°	8578.0	8274.3	7948.2	7612.1	7229.8	6797.1	6364.7	5922.1	5441.5	4978.1	4521.8
-52.5°	7564.0	7330.8	7076.2	6792.0	6478.9	6107.1	5716.0	5341.4	4929.4	4521.6	4116.1
-55°	6698.8	6487.1	6274.7	6037.5	5778.8	5459.9	5125.2	4790.0	4451.5	4078.3	3726.8
-57.5°	5908.0	5711.3	5533.8	5335.9	5118.1	4852.9	4569.2	4274.5	3984.6	3662.7	3342.8
-60°	5183.7	4996.6	4847.1	4682.7	4503.5	4283.5	4042.0	3788.4	3523.0	3259.4	2988.8
-62.5°	4497.2	4333.7	4207.8	4076.5	3932.4	3761.3	3544.8	3329.9	3105.5	2871.6	2651.2
-65°	3876.2	3737.2	3623.8	3520.2	3406.2	3279.1	3089.4	2902.2	2716.3	2524.9	2328.0
-67.5°	3319.0	3201.0	3103.9	3015.2	2924.6	2824.4	2674.3	2511.0	2353.4	2197.0	2030.8
-70°	2815.6	2718.9	2635.7	2561.7	2484.6	2403.3	2287.7	2154.3	2017.9	1884.6	1745.6
-72.5°	2358.5	2279.7	2208.3	2148.6	2082.3	2015.1	1927.0	1817.3	1704.3	1588.0	1471.8
-75°	1934.4	1870.6	1810.6	1763.9	1713.0	1658.0	1590.4	1501.2	1410.8	1319.6	1226.7
-77.5°	1540.5	1491.3	1443.8	1409.4	1371.5	1330.1	1278.3	1207.6	1141.1	1073.3	1004.0
-80°	1187.9	1151.9	1116.3	1094.4	1070.7	1045.3	1014.0	959.9	904.4	850.7	799.3
-82.5°	887.3	862.5	837.7	826.3	813.1	797.9	778.9	739.6	699.8	659.4	618.8
-85°	654.6	637.5	620.3	613.6	605.9	597.3	587.1	561.4	535.2	508.6	481.6
-87.5°	501.5	488.8	476.0	471.1	466.0	460.8	455.2	437.9	420.6	403.3	385.9
-90°	3.7	4.0	4.2	4.5	4.8	5.0	5.3	5.6	5.9	6.1	6.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	321.3	306.0	290.6	275.2	259.6	244.0	228.4	212.8	195.1	177.4	159.6
87.5°	11.6	12.3	13.0	13.5	13.2	13.0	12.7	12.4	12.9	13.2	13.4
85°	24.6	23.2	22.1	21.3	20.1	18.5	17.9	17.3	18.1	18.5	18.6
82.5°	44.6	40.7	37.0	34.1	33.2	31.8	29.8	27.4	26.0	24.2	23.8
80°	59.8	54.7	49.9	46.0	45.5	45.2	43.1	40.5	38.3	35.7	32.5
77.5°	75.9	68.9	62.0	56.9	55.3	53.9	52.8	52.3	50.7	47.1	42.9
75°	92.6	84.5	76.4	70.7	67.6	62.5	60.4	60.6	62.4	58.8	53.3
72.5°	109.9	101.3	91.7	86.2	84.5	80.0	72.7	69.9	74.6	73.0	65.1
70°	125.4	118.3	109.0	106.6	104.4	98.6	91.8	89.8	87.9	87.8	80.8
67.5°	139.5	133.2	125.1	128.4	128.1	122.8	112.4	113.3	112.6	103.6	97.1
65°	143.9	144.4	142.6	151.5	153.5	148.7	138.8	140.3	138.4	129.5	113.9
62.5°	148.5	152.5	159.6	176.0	181.0	177.3	168.4	174.1	167.0	156.3	137.2
60°	153.6	161.2	180.7	201.3	210.4	208.0	206.0	210.1	203.1	183.9	163.5
57.5°	170.4	173.8	208.6	232.4	242.5	241.4	248.2	252.1	240.9	218.7	190.8
55°	198.0	211.2	250.2	272.0	281.2	278.2	296.8	299.0	282.0	256.4	220.0
52.5°	252.2	282.5	316.1	327.9	329.3	329.9	355.2	349.5	330.8	295.2	256.7
50°	373.9	400.5	418.3	411.3	389.3	408.2	420.8	413.0	382.1	337.7	295.2
47.5°	630.7	619.7	573.9	524.0	484.1	500.5	507.9	483.1	436.2	387.3	334.4
45°	1026.1	934.7	811.7	704.9	620.1	629.4	610.5	558.9	505.9	440.9	374.4
42.5°	1456.1	1318.3	1161.8	909.7	829.6	779.4	724.4	660.7	579.8	496.2	419.7
40°	1961.0	1723.8	1542.5	1270.8	1052.9	943.3	871.0	774.0	657.2	556.5	469.0
37.5°	2438.2	2147.8	1920.7	1611.4	1299.1	1150.8	1029.9	895.3	740.0	623.8	518.9
35°	2879.2	2559.6	2243.4	1918.8	1592.4	1358.9	1197.8	1030.6	836.5	690.6	569.3
32.5°	3310.7	2939.3	2572.0	2208.6	1862.0	1567.3	1380.7	1149.7	929.1	756.5	620.2
30°	3754.3	3320.9	2899.1	2489.1	2113.1	1799.4	1545.6	1261.4	1017.5	821.6	672.1
27.5°	4199.7	3697.6	3227.1	2777.9	2362.4	2012.0	1671.7	1365.4	1101.8	889.6	726.3
25°	4656.3	4094.6	3565.7	3066.6	2601.5	2175.6	1792.6	1462.4	1187.8	961.2	779.1
22.5°	5120.5	4497.3	3895.2	3348.0	2800.0	2340.5	1919.2	1564.3	1270.7	1029.0	830.2
20°	5557.3	4893.9	4203.6	3573.8	2996.0	2511.1	2054.0	1660.4	1347.2	1092.8	879.5
17.5°	5978.5	5250.7	4477.5	3795.0	3185.8	2667.9	2185.3	1750.4	1417.1	1152.5	926.8
15°	6414.5	5563.3	4742.5	3998.3	3359.1	2810.8	2311.9	1833.9	1480.7	1208.1	966.5
12.5°	6804.8	5867.0	4989.9	4182.9	3515.2	2939.8	2432.2	1910.4	1538.0	1257.0	997.6
10°	7152.1	6156.7	5216.8	4347.8	3654.0	3055.0	2544.7	1988.4	1605.2	1301.0	1026.4
7.5°	7456.1	6426.6	5420.2	4492.1	3776.3	3150.6	2629.9	2077.3	1671.9	1341.8	1052.7
5°	7706.1	6649.9	5615.6	4658.8	3889.5	3228.3	2695.3	2158.6	1734.7	1378.8	1076.1
2.5°	7869.2	6802.0	5790.6	4813.6	3986.4	3293.9	2744.9	2231.7	1792.5	1411.7	1096.1
0°	7989.6	6914.0	5932.7	4946.0	4065.2	3346.4	2781.1	2296.2	1844.2	1439.8	1112.6
-2.5°	8144.7	7023.6	6021.3	5050.9	4175.4	3439.4	2842.6	2337.0	1880.4	1474.9	1139.9
-5°	8251.6	7095.4	6079.0	5129.8	4264.5	3516.0	2891.8	2368.5	1909.5	1504.6	1163.1
-7.5°	8326.3	7153.4	6117.6	5182.2	4331.4	3573.9	2927.4	2390.5	1931.3	1528.5	1181.7
-10°	8355.0	7184.6	6138.4	5197.7	4352.5	3601.3	2948.5	2403.0	1946.2	1546.5	1195.6
-12.5°	8332.3	7169.8	6122.4	5185.1	4346.0	3600.7	2956.5	2412.8	1954.5	1558.4	1204.7
-15°	8257.7	7106.9	6068.5	5143.9	4315.7	3582.3	2951.2	2415.1	1958.0	1562.4	1208.7
-17.5°	8124.9	6994.9	5975.8	5074.0	4261.4	3545.9	2932.7	2406.2	1952.9	1557.9	1205.9
-20°	7937.1	6847.7	5849.2	4975.4	4182.7	3491.6	2901.0	2385.6	1938.9	1546.5	1197.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	7712.9	6680.4	5727.8	4864.2	4090.9	3419.4	2856.1	2353.3	1916.0	1528.1	1183.3
-25°	7450.4	6484.5	5574.3	4743.1	3994.8	3355.6	2804.6	2309.1	1884.1	1502.5	1164.9
-27.5°	7190.2	6266.7	5386.0	4598.0	3892.4	3278.1	2745.8	2265.7	1845.4	1469.7	1141.7
-30°	6917.7	6029.7	5195.2	4439.1	3769.8	3190.1	2673.1	2212.1	1802.7	1435.1	1113.8
-32.5°	6599.6	5755.4	4987.6	4284.9	3647.4	3083.7	2587.0	2147.7	1751.3	1398.2	1087.1
-35°	6250.3	5479.3	4759.8	4109.3	3511.1	2975.8	2494.8	2072.6	1691.2	1355.9	1058.3
-37.5°	5879.1	5185.6	4546.4	3923.2	3351.9	2852.3	2402.0	1994.7	1622.5	1308.2	1025.5
-40°	5533.3	4883.5	4290.4	3726.2	3193.4	2713.6	2297.6	1912.7	1558.2	1255.4	988.8
-42.5°	5164.0	4580.9	4029.0	3500.9	3025.6	2585.7	2183.9	1822.8	1494.4	1205.2	948.3
-45°	4810.1	4265.9	3755.5	3288.7	2846.9	2446.0	2075.9	1727.8	1423.0	1154.4	906.9
-47.5°	4441.6	3952.3	3490.3	3061.4	2678.5	2300.9	1959.9	1638.3	1344.1	1099.3	865.5
-50°	4085.3	3641.4	3226.8	2845.9	2490.0	2164.6	1839.1	1539.7	1273.4	1037.7	820.0
-52.5°	3726.0	3339.3	2971.1	2626.6	2315.1	2020.3	1717.9	1434.6	1196.4	975.3	770.5
-55°	3375.9	3048.5	2718.6	2416.5	2135.1	1867.7	1587.1	1340.0	1113.6	910.3	718.4
-57.5°	3049.2	2758.5	2477.7	2207.3	1950.2	1702.6	1463.4	1238.8	1031.5	841.0	671.9
-60°	2726.8	2485.8	2237.1	1995.1	1760.0	1543.8	1341.4	1134.5	946.4	770.3	621.1
-62.5°	2430.4	2212.9	1998.6	1778.4	1578.9	1394.1	1214.9	1031.5	856.6	706.1	566.9
-65°	2141.5	1950.3	1756.7	1579.6	1406.8	1242.9	1090.0	923.5	774.8	638.7	514.1
-67.5°	1859.4	1700.4	1542.3	1384.0	1239.9	1099.6	959.6	823.6	692.7	568.5	468.7
-70°	1604.0	1462.7	1333.1	1207.1	1080.0	955.8	843.1	725.3	607.5	512.1	421.6
-72.5°	1360.7	1250.4	1141.3	1031.7	929.9	828.4	727.3	628.4	539.6	454.3	372.8
-75°	1132.3	1046.9	963.5	877.9	788.1	699.9	624.1	548.5	470.1	394.8	331.8
-77.5°	933.6	863.3	793.3	728.3	660.1	594.0	530.0	466.6	403.1	346.5	292.8
-80°	748.5	697.5	646.6	594.9	539.7	486.4	441.5	396.3	346.3	298.5	252.9
-82.5°	579.1	544.4	510.8	476.5	439.1	402.1	365.5	329.0	288.4	249.4	219.5
-85°	455.3	428.6	401.5	374.1	345.4	316.9	296.0	274.7	249.5	224.5	199.8
-87.5°	368.9	351.7	334.4	317.0	298.8	280.6	262.4	244.0	222.5	201.1	179.9
-90°	6.7	6.9	7.2	7.4	7.4	7.4	7.4	7.4	7.7	8.0	8.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	141.9	117.6	93.2	68.9	44.5	26.0	7.4
87.5°	13.4	13.0	12.4	11.7	10.8	9.4	7.4
85°	18.3	17.5	16.4	14.9	13.1	10.9	7.4
82.5°	23.3	22.1	20.3	18.1	15.4	12.4	7.4
80°	28.8	26.6	24.3	21.3	17.7	13.8	7.4
77.5°	38.3	32.9	28.2	24.5	20.0	15.3	7.4
75°	48.1	42.7	33.1	27.7	22.4	16.8	7.4
72.5°	58.0	52.6	42.3	30.8	24.7	18.2	7.4
70°	69.1	62.7	51.5	34.9	27.1	19.6	7.4
67.5°	86.0	72.9	60.8	42.7	29.5	21.1	7.4
65°	103.4	86.3	70.2	50.5	31.9	22.5	7.4
62.5°	121.3	102.9	79.6	58.2	34.3	23.9	7.4
60°	139.7	119.8	89.2	66.0	36.7	25.3	7.4
57.5°	165.0	137.0	103.7	73.7	42.3	26.7	7.4
55°	191.6	154.4	118.5	81.4	47.9	28.0	7.4
52.5°	218.7	173.0	133.3	89.0	53.4	29.4	7.4
50°	246.3	196.8	148.2	96.6	58.9	30.7	7.4
47.5°	275.3	220.7	163.1	105.1	64.2	32.0	7.4
45°	309.9	244.6	177.9	116.3	69.4	33.3	7.4
42.5°	344.8	268.6	192.7	127.4	74.4	34.5	7.4
40°	379.9	292.6	209.6	138.3	79.4	35.7	7.4
37.5°	415.1	316.6	228.2	148.9	84.1	36.9	7.4
35°	450.3	343.4	246.6	159.2	88.8	38.0	7.4
32.5°	487.3	371.3	264.6	169.2	93.3	39.1	7.4
30°	528.5	398.8	282.1	178.7	97.6	40.2	7.4
27.5°	569.2	425.7	298.1	187.8	101.7	41.2	7.4
25°	609.2	451.9	313.2	196.4	105.6	42.2	7.4
22.5°	648.4	476.1	327.6	204.6	109.3	43.1	7.4
20°	686.5	496.2	341.0	212.3	112.8	44.0	7.4
17.5°	716.5	514.8	353.6	219.5	116.0	44.8	7.4
15°	739.7	531.9	365.3	226.1	119.0	45.6	7.4
12.5°	760.3	547.3	375.9	232.1	121.8	46.3	7.4
10°	778.1	561.1	385.5	237.6	124.2	46.9	7.4
7.5°	793.3	573.2	394.1	242.4	126.4	47.5	7.4
5°	805.7	583.7	401.5	246.6	128.4	47.9	7.4
2.5°	815.5	592.3	407.8	250.1	130.0	48.4	7.4
0°	822.6	599.2	412.9	253.0	131.3	48.7	7.4
-2.5°	842.4	610.4	419.6	256.8	133.3	49.7	7.4
-5°	859.3	619.6	425.1	259.9	135.0	50.5	7.4
-7.5°	873.0	626.9	429.2	262.3	136.4	51.3	7.4
-10°	883.4	632.0	432.0	263.9	137.4	52.0	7.4
-12.5°	890.1	635.0	433.3	264.7	138.1	52.6	7.4
-15°	893.0	635.7	433.1	264.7	138.5	53.1	7.4
-17.5°	891.8	634.0	431.5	263.9	138.5	53.6	7.4
-20°	886.8	630.0	428.3	262.3	138.2	53.9	7.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	879.0	623.5	423.5	259.9	137.5	54.1	7.4
-25°	867.8	617.1	417.2	256.6	136.5	54.3	7.4
-27.5°	853.1	609.2	409.3	252.5	135.1	54.3	7.4
-30°	835.0	598.6	400.1	247.5	133.5	54.3	7.4
-32.5°	813.5	585.4	391.6	241.7	131.4	54.1	7.4
-35°	793.4	569.5	381.5	235.0	129.0	53.8	7.4
-37.5°	771.9	552.4	369.7	227.6	126.3	53.5	7.4
-40°	747.0	536.0	356.3	219.3	123.3	53.0	7.4
-42.5°	718.6	517.3	343.8	210.7	120.0	52.5	7.4
-45°	686.8	496.4	332.5	202.2	116.3	51.8	7.4
-47.5°	651.7	473.3	319.9	192.9	112.3	51.1	7.4
-50°	619.9	448.0	306.1	186.3	108.0	50.2	7.4
-52.5°	586.4	420.7	290.9	180.1	103.4	49.3	7.4
-55°	550.3	398.3	274.5	173.3	98.6	48.3	7.4
-57.5°	511.6	375.4	257.0	165.9	93.4	47.1	7.4
-60°	471.9	351.1	238.7	157.8	88.1	45.9	7.4
-62.5°	439.4	325.2	226.0	149.1	85.3	44.6	7.4
-65°	405.1	297.9	212.4	139.8	82.3	43.3	7.4
-67.5°	369.0	273.8	198.0	130.0	79.2	41.8	7.4
-70°	331.4	253.0	182.8	119.7	75.9	40.3	7.4
-72.5°	301.5	231.1	166.9	113.3	72.4	38.7	7.4
-75°	271.7	208.4	150.3	107.6	68.8	37.1	7.4
-77.5°	240.8	184.8	140.3	101.7	65.0	35.3	7.4
-80°	209.0	168.6	131.4	95.5	61.1	33.6	7.4
-82.5°	191.4	156.3	122.3	89.2	57.1	31.7	7.4
-85°	175.2	143.7	112.8	82.6	53.0	29.8	7.4
-87.5°	158.7	130.8	103.1	75.8	48.8	27.9	7.4
-90°	8.5	8.5	8.5	8.5	8.5	8.0	7.4

(END OF REPORT)