

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: P1306272 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-5S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306272 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-5S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 5S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

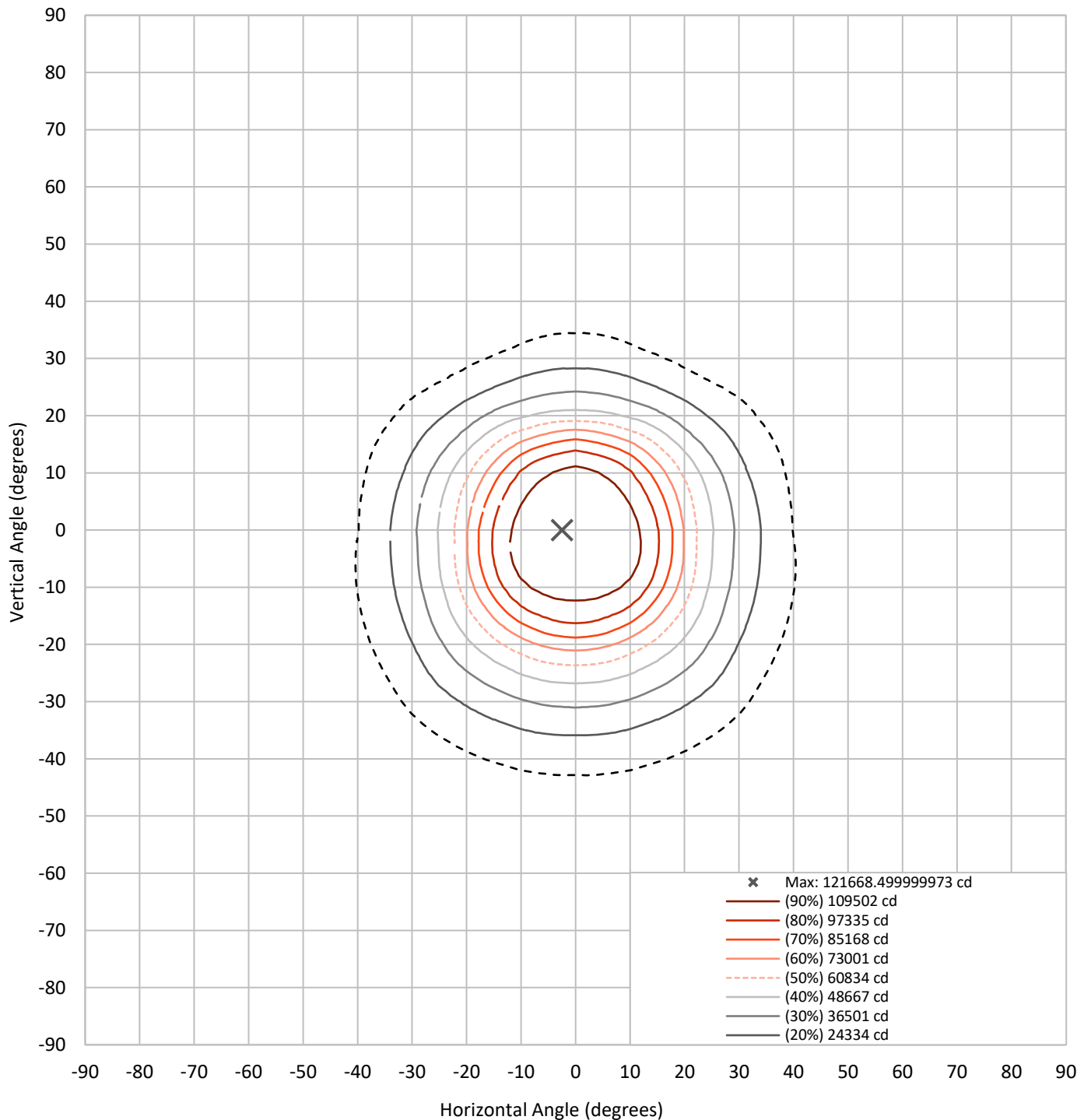
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	79222.7 lumens	Max Intensity:	121668.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	143.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	44.5°H x 42.5°V	Field Angle (10%):	79.6°H x 77.3°V
Beam Lumens:	43500.8 lumens	Field Lumens:	72796 lumens
Beam Efficiency:	54.9%	Field Efficiency:	91.9%

Input Watts (W): 554
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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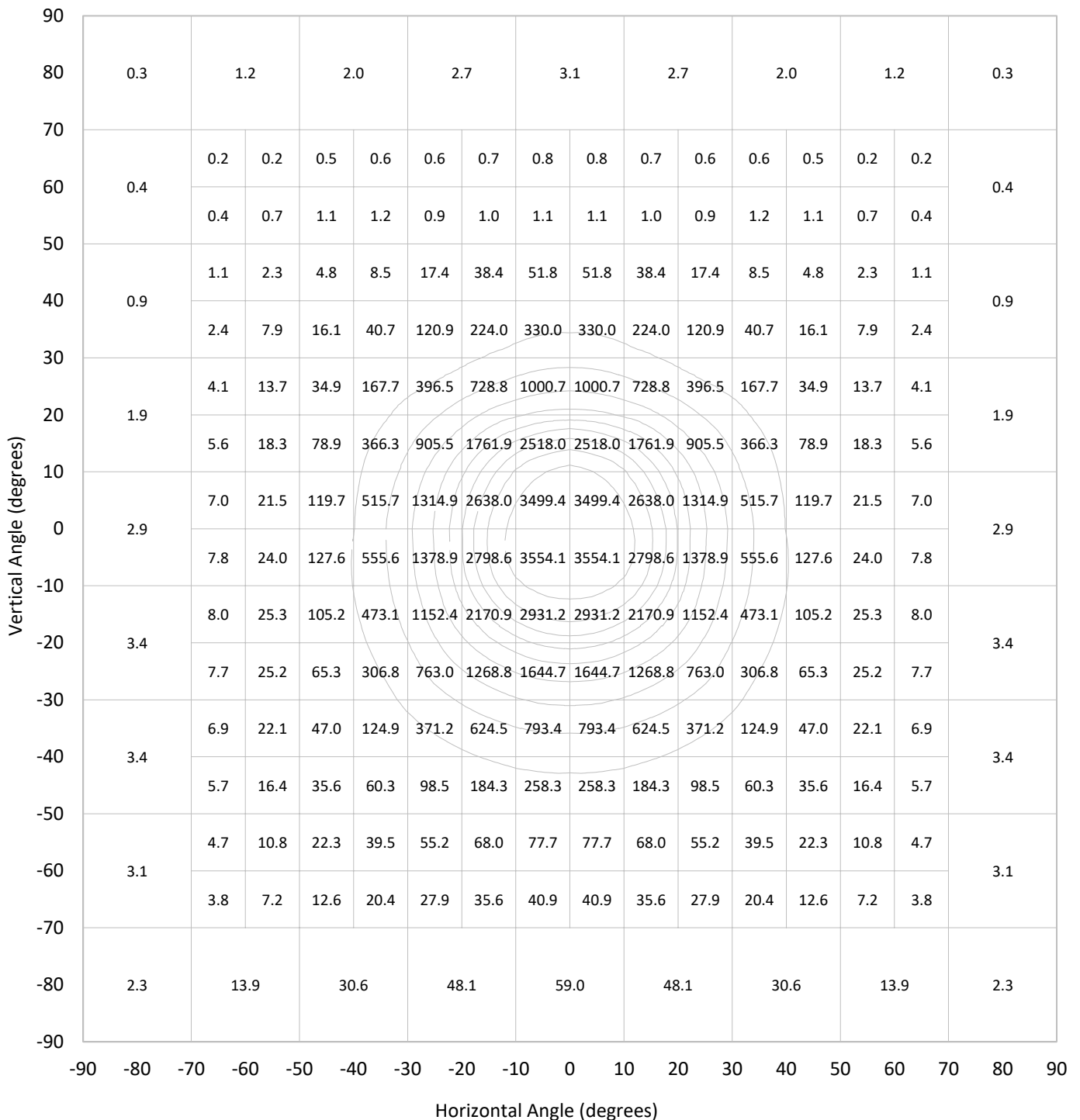
Iso-Candela Plot





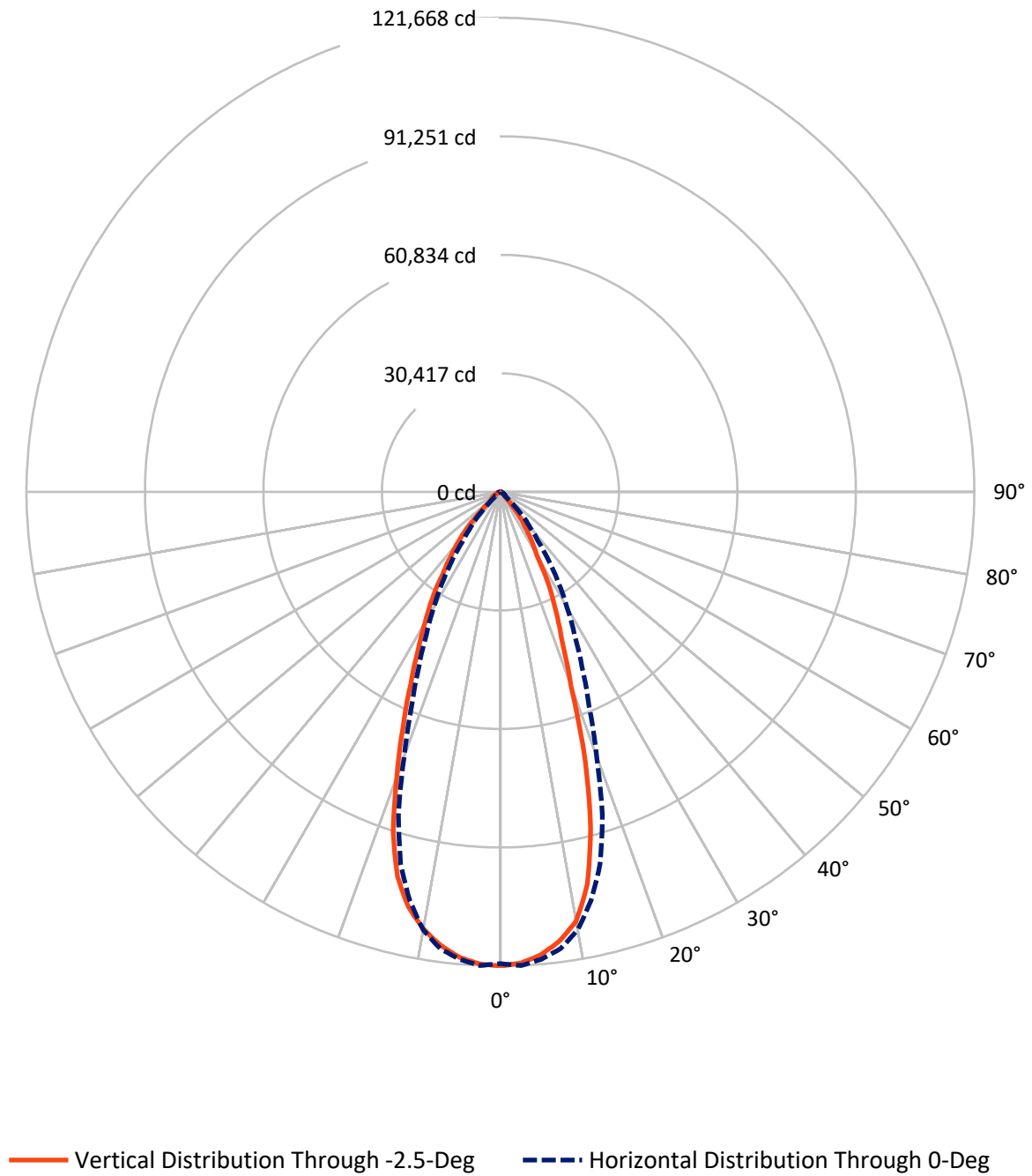
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Lumen Table



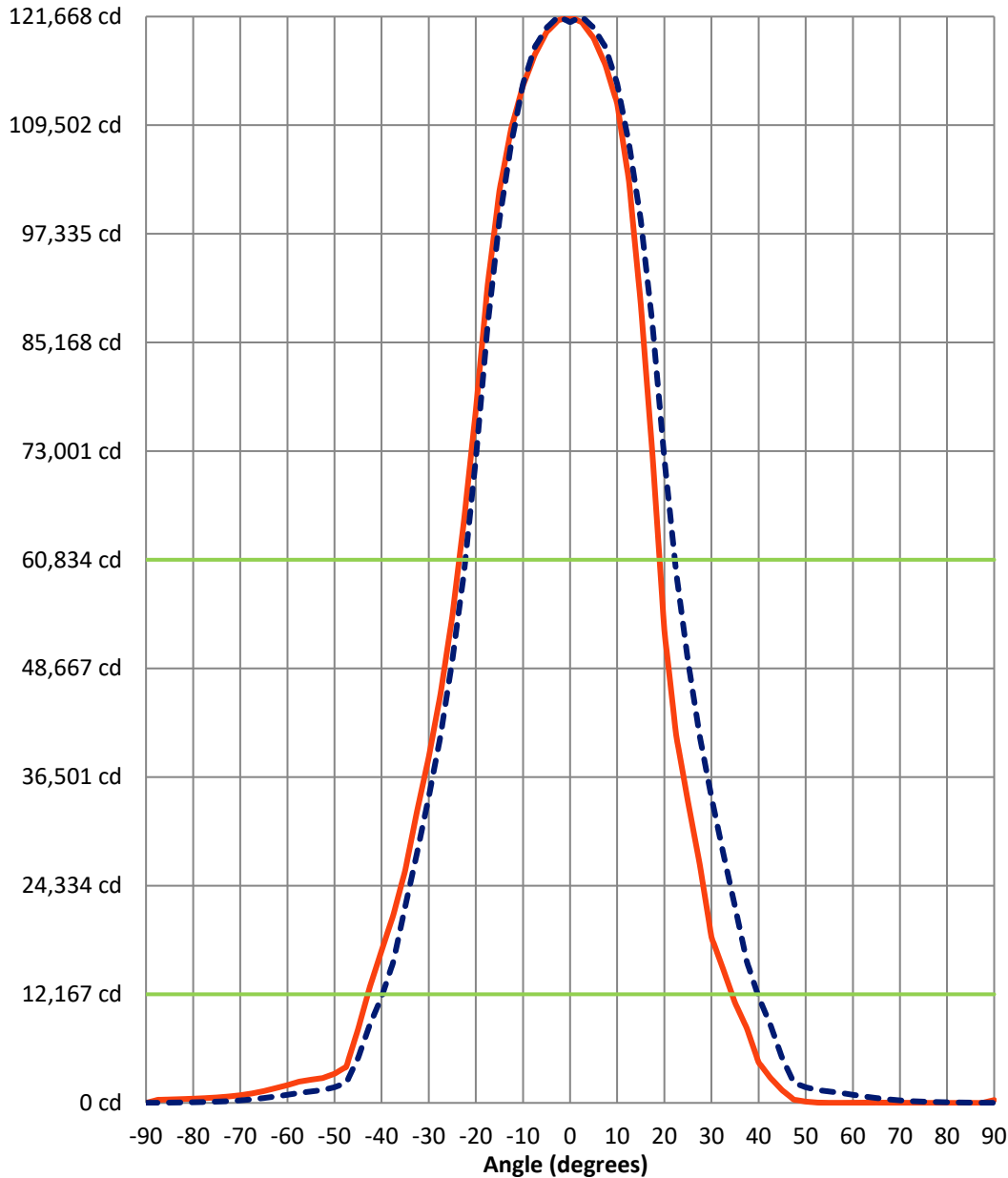
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 44.5°
 V Angle: 42.5°
 Lumens: 43500.8
 Efficiency: 54.9%

Field:
 H Angle: 79.6°
 V Angle: 77.3°
 Lumens: 72796
 Efficiency: 91.9%

Spill:
 Lumens: 6426.7
 Efficiency: 8.1%

— 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°	10.5	20.5	30.6	50.7	70.8	89.4	108.0	123.3	138.6	149.6	160.6
87.5°	10.5	9.8	8.9	8.9	8.9	9.0	9.1	8.7	8.3	8.2	8.0
85°	10.5	10.0	9.1	9.2	9.3	9.4	9.6	9.3	9.0	8.8	8.5
82.5°	10.5	10.2	9.4	9.5	9.6	9.8	10.1	9.9	9.7	9.3	8.9
80°	10.5	10.4	9.7	9.9	9.9	10.2	10.6	10.5	10.3	10.0	9.4
77.5°	10.5	10.6	9.9	10.2	10.3	10.7	11.1	11.1	11.0	10.6	9.9
75°	10.5	10.8	10.2	10.5	10.7	11.4	11.6	11.6	11.6	11.1	10.3
72.5°	10.5	11.1	10.5	10.8	11.4	12.0	12.2	12.3	12.1	11.5	10.8
70°	10.5	11.3	10.9	11.2	12.0	12.7	12.8	13.0	12.6	11.9	11.7
67.5°	10.5	11.5	11.2	11.8	12.7	13.4	13.7	13.7	13.2	13.0	12.8
65°	10.5	11.7	11.5	12.3	13.4	14.1	14.5	14.5	14.6	14.2	14.2
62.5°	10.5	12.0	11.9	12.9	14.1	15.0	15.4	15.8	16.0	15.7	16.5
60°	10.5	12.2	12.3	13.4	14.8	15.8	16.3	17.3	17.5	18.9	19.2
57.5°	10.5	12.4	12.9	14.0	15.8	16.6	18.2	18.9	21.5	23.0	24.4
55°	10.5	12.7	13.5	14.5	16.8	17.5	20.2	20.9	26.7	28.5	31.5
52.5°	10.5	12.9	14.2	15.1	17.9	18.6	22.5	26.3	32.4	37.1	39.4
50°	10.5	13.1	15.0	15.6	19.1	21.2	25.0	32.2	39.4	46.2	50.9
47.5°	10.5	13.4	15.7	16.3	20.4	24.0	28.0	38.2	48.3	56.0	63.7
45°	10.5	13.6	16.5	17.4	21.8	26.9	33.3	44.2	57.4	68.4	77.3
42.5°	10.5	13.9	17.4	18.4	23.2	30.0	38.6	51.7	66.9	81.3	97.9
40°	10.5	14.1	18.3	20.0	25.2	33.1	44.2	60.1	77.3	94.8	120.8
37.5°	10.5	14.3	19.2	21.9	27.8	36.5	50.3	68.7	89.4	110.8	144.9
35°	10.5	14.5	20.1	23.9	30.3	40.9	56.4	77.4	101.9	132.6	172.8
32.5°	10.5	14.8	21.1	25.9	32.9	45.8	63.1	86.5	114.7	154.8	204.5
30°	10.5	15.0	22.1	27.9	35.5	50.6	70.7	96.2	127.7	177.4	235.7
27.5°	10.5	15.2	23.1	30.0	39.0	55.4	78.3	106.8	142.4	200.2	266.2
25°	10.5	15.4	24.1	32.1	42.5	60.1	85.6	116.9	159.3	224.7	296.1
22.5°	10.5	15.7	25.1	34.1	46.0	64.9	92.8	126.6	175.3	245.9	327.7
20°	10.5	15.9	26.1	36.2	49.4	70.1	99.7	135.9	190.3	265.9	354.1
17.5°	10.5	16.1	27.1	38.3	52.7	75.1	106.5	144.6	204.3	284.6	379.1
15°	10.5	16.3	28.1	40.4	55.9	79.9	113.2	153.1	217.2	302.1	402.8
12.5°	10.5	16.4	29.1	42.4	59.0	84.4	119.5	161.5	230.2	318.2	424.9
10°	10.5	16.6	30.1	44.4	62.0	88.7	125.3	169.4	243.2	337.2	448.4
7.5°	10.5	16.8	31.0	46.3	64.9	92.8	130.8	176.7	255.1	355.6	476.4
5°	10.5	16.9	31.9	48.1	67.7	96.6	135.8	183.5	266.0	372.7	502.8
2.5°	10.5	17.1	32.7	49.9	70.3	100.1	140.3	189.6	275.6	388.1	527.1
0°	10.5	17.2	33.5	51.6	72.7	103.3	144.4	195.1	284.0	401.6	548.8
-2.5°	10.5	17.9	34.9	53.9	76.1	108.0	150.6	203.0	293.7	413.0	560.0
-5°	10.5	18.5	36.3	56.0	79.3	112.4	156.2	210.2	301.9	422.2	568.3
-7.5°	10.5	19.1	37.6	58.1	82.3	116.5	161.3	216.6	308.6	429.2	573.7
-10°	10.5	19.7	38.8	60.0	85.1	120.1	165.8	222.1	313.8	433.9	576.3
-12.5°	10.5	20.3	39.9	61.8	87.7	123.4	169.8	226.8	317.2	436.3	580.3
-15°	10.5	20.9	41.0	63.5	90.0	126.3	173.1	230.5	319.1	437.0	582.4
-17.5°	10.5	21.4	42.0	65.0	92.1	128.8	175.8	233.8	319.6	435.1	580.0
-20°	10.5	21.9	42.9	66.4	94.0	130.8	178.2	236.6	318.4	430.7	572.8



REPORT NUMBER: P1306272 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	10.5	22.4	43.7	67.6	95.6	132.3	180.6	238.5	315.6	423.6	561.3
-25°	10.5	22.8	44.4	68.7	96.9	134.2	182.4	239.5	311.1	413.8	551.3
-27.5°	10.5	23.2	45.0	69.6	98.0	135.9	183.5	239.7	305.0	407.2	543.9
-30°	10.5	23.6	45.5	70.3	98.8	137.3	183.8	239.0	302.4	401.9	532.4
-32.5°	10.5	23.9	45.9	70.9	100.5	138.1	183.5	238.4	302.2	393.8	516.6
-35°	10.5	24.2	46.2	71.4	101.9	138.6	183.5	237.5	300.4	383.0	496.2
-37.5°	10.5	24.5	46.4	71.6	103.0	139.0	183.5	236.0	297.2	369.4	477.8
-40°	10.5	24.7	46.5	71.7	103.9	140.1	182.9	233.6	292.5	361.1	460.0
-42.5°	10.5	24.8	46.5	71.9	104.6	140.8	181.9	230.2	287.9	354.3	439.2
-45°	10.5	25.0	46.4	72.3	105.1	141.1	180.3	226.9	282.8	345.6	417.3
-47.5°	10.5	25.1	46.2	72.5	105.4	141.1	178.1	224.2	276.5	335.0	405.1
-50°	10.5	25.1	45.9	72.5	105.2	140.7	177.3	220.7	268.5	325.5	390.6
-52.5°	10.5	25.1	45.5	72.4	104.7	140.1	176.3	216.4	261.7	314.2	373.2
-55°	10.5	25.0	45.0	72.1	103.9	138.8	174.9	211.7	254.9	301.2	355.6
-57.5°	10.5	25.0	44.4	71.5	102.7	137.1	172.9	209.3	247.3	290.9	336.5
-60°	10.5	24.8	43.7	70.8	101.3	135.0	170.5	206.0	239.7	280.8	318.3
-62.5°	10.5	24.7	43.1	69.9	99.8	132.5	167.3	201.9	234.7	269.2	303.7
-65°	10.5	24.5	42.4	68.7	98.1	129.7	163.6	197.2	229.2	260.1	288.2
-67.5°	10.5	24.2	41.6	67.4	96.1	126.6	159.5	191.5	223.0	251.4	276.2
-70°	10.5	23.9	40.7	65.9	93.9	123.2	154.9	185.4	215.5	242.2	265.3
-72.5°	10.5	23.6	39.7	64.5	91.4	119.3	149.5	178.7	207.3	231.8	253.9
-75°	10.5	23.3	38.6	63.0	88.6	115.1	143.5	170.9	198.6	221.0	241.7
-77.5°	10.5	22.9	37.5	61.3	86.1	110.6	137.1	162.5	188.3	209.4	229.1
-80°	10.5	22.5	36.2	59.4	83.4	106.5	130.2	153.6	177.5	196.1	214.4
-82.5°	10.5	22.0	34.9	57.4	80.5	102.5	124.8	145.2	166.1	182.5	198.8
-85°	10.5	21.6	33.5	55.3	77.4	98.3	119.5	138.1	157.1	170.8	184.5
-87.5°	10.5	21.1	32.1	53.1	74.2	94.0	113.8	130.8	148.0	160.3	172.6
-90°	10.5	9.6	8.6	8.6	8.6	8.6	8.6	8.1	7.6	7.6	7.6



REPORT NUMBER: P1306272 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	167.3	174.0	180.2	186.4	194.1	201.7	209.9	218.0	226.6	235.2	243.4
87.5°	7.6	7.2	7.2	7.2	6.8	6.3	6.0	5.7	5.3	4.8	4.7
85°	8.0	7.6	7.7	7.6	7.3	7.0	6.6	6.1	5.7	5.3	5.3
82.5°	8.7	8.6	8.3	7.7	7.5	7.5	7.2	6.7	6.3	6.0	5.9
80°	9.4	9.6	8.8	8.0	7.8	7.6	7.2	6.8	6.7	6.7	6.4
77.5°	9.8	9.7	9.1	8.6	8.2	7.9	7.6	7.3	7.1	6.8	6.7
75°	10.0	9.7	9.4	8.9	8.5	8.5	8.3	8.0	7.8	7.9	7.9
72.5°	10.6	10.3	9.8	9.1	8.8	9.1	9.1	8.8	9.0	9.4	9.4
70°	11.4	11.0	10.4	9.8	9.4	9.8	10.2	10.8	11.6	11.7	12.6
67.5°	12.3	11.9	11.1	10.6	10.3	10.9	11.5	13.9	16.1	17.3	18.7
65°	13.7	13.1	12.2	12.0	11.5	13.9	15.8	18.3	22.8	25.0	24.9
62.5°	15.4	15.6	14.4	14.7	16.6	18.7	22.2	27.4	32.8	34.8	32.9
60°	19.5	18.9	19.0	20.3	22.4	24.9	30.3	36.8	43.0	46.3	41.3
57.5°	25.0	24.8	26.3	27.1	29.9	30.7	37.9	46.0	51.2	55.2	48.6
55°	32.7	33.0	35.8	36.7	38.7	38.6	44.8	52.4	57.8	59.6	52.8
52.5°	43.4	43.9	49.0	49.7	49.0	49.7	52.0	60.1	64.6	64.7	58.7
50°	55.1	61.3	64.5	66.5	62.8	65.2	63.1	72.1	78.9	78.2	80.4
47.5°	72.6	80.8	85.4	88.7	86.0	93.1	91.6	105.4	110.2	136.5	140.5
45°	93.3	106.4	112.5	119.9	128.2	136.8	159.0	159.0	221.2	245.7	310.1
42.5°	116.5	136.2	153.1	156.1	197.3	221.3	251.6	313.8	374.5	450.7	479.7
40°	147.2	169.1	203.5	242.4	288.1	340.3	396.8	472.3	552.0	591.4	596.4
37.5°	181.3	222.3	270.3	340.9	411.2	479.7	551.3	625.1	682.5	697.2	750.7
35°	217.8	278.0	367.7	448.7	530.4	625.1	688.8	756.8	791.3	851.7	954.7
32.5°	263.9	335.2	446.6	552.0	642.9	745.9	806.9	859.0	939.9	1044.6	1272.1
30°	312.0	399.8	512.4	634.1	746.0	832.4	901.8	967.2	1094.0	1346.8	2126.8
27.5°	352.0	455.2	573.6	709.3	836.9	915.8	994.4	1108.7	1335.2	1856.2	3335.4
25°	387.9	499.9	633.6	791.1	916.1	1002.9	1105.3	1266.6	1621.9	3036.2	4931.8
22.5°	422.9	544.0	702.2	877.1	996.4	1088.5	1243.6	1534.9	2279.5	4267.8	6546.1
20°	459.1	600.4	776.5	957.1	1073.3	1164.4	1364.5	1795.5	3319.7	5593.6	7970.5
17.5°	497.0	657.2	849.0	1013.9	1122.6	1244.0	1492.0	2009.3	4188.0	6831.8	9492.5
15°	534.0	711.7	910.9	1062.9	1167.8	1329.9	1663.1	2639.7	5106.3	8214.4	11119.8
12.5°	569.5	761.3	958.9	1101.4	1212.3	1409.9	1803.7	3334.2	6210.3	9498.2	12534.6
10°	603.0	805.6	999.3	1137.7	1260.8	1495.3	1939.1	4014.2	7176.8	10332.5	13407.8
7.5°	637.4	842.6	1033.4	1172.4	1307.5	1575.8	2088.2	4542.4	7898.5	10974.2	14082.5
5°	668.5	871.0	1066.2	1211.2	1355.6	1647.2	2208.8	4946.2	8439.9	11504.5	14683.4
2.5°	695.7	893.3	1094.2	1247.8	1402.5	1706.9	2243.5	5058.5	8694.3	11789.8	15274.4
0°	719.0	910.2	1116.8	1280.3	1444.7	1755.5	2252.7	5038.8	8757.3	11876.2	15849.9
-2.5°	732.2	932.0	1157.2	1326.9	1482.5	1794.7	2300.4	5046.3	8810.5	12481.5	16590.0
-5°	741.5	948.3	1190.4	1368.3	1516.0	1822.3	2326.9	4931.6	8738.5	12800.2	16806.3
-7.5°	746.7	958.6	1214.8	1402.7	1546.4	1842.2	2341.8	4745.0	8742.5	12814.7	16534.2
-10°	749.4	968.4	1226.2	1422.0	1572.5	1851.8	2334.6	4424.6	8395.5	12467.8	16086.0
-12.5°	758.4	977.4	1230.3	1436.3	1593.3	1854.1	2345.3	4111.1	7744.5	11836.4	15445.2
-15°	762.0	979.8	1228.0	1448.1	1626.9	1876.7	2345.7	3624.2	6899.3	11035.1	14639.5
-17.5°	759.6	975.3	1221.0	1465.2	1658.0	1878.5	2292.4	2985.4	5934.0	9895.1	13578.6
-20°	751.3	965.2	1205.7	1473.6	1675.8	1894.1	2276.8	2881.6	4987.9	8469.9	12290.5



REPORT NUMBER: P1306272 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	739.3	949.6	1183.9	1455.0	1696.0	1928.1	2255.4	2743.7	3875.5	6841.8	10695.8
-25°	725.0	932.3	1160.5	1433.6	1705.4	1949.9	2189.3	2559.5	3222.3	5448.7	8722.0
-27.5°	710.0	907.6	1135.5	1398.1	1699.8	1939.5	2150.4	2457.4	2925.8	3901.0	6665.5
-30°	691.0	878.1	1098.7	1352.0	1649.4	1907.5	2126.6	2325.3	2645.2	3231.3	4890.7
-32.5°	667.8	843.5	1057.8	1299.5	1573.5	1869.2	2071.8	2244.4	2488.1	2847.2	3528.1
-35°	641.5	812.9	1012.3	1233.4	1483.5	1772.9	1989.3	2171.9	2336.5	2613.0	3048.4
-37.5°	614.8	775.2	953.7	1163.3	1401.5	1637.8	1893.1	2075.2	2241.0	2414.5	2724.6
-40°	583.5	728.3	895.5	1089.3	1291.3	1505.7	1742.5	1970.5	2134.4	2315.2	2501.2
-42.5°	549.3	683.8	833.2	1001.3	1182.5	1375.2	1585.4	1813.9	2033.5	2206.3	2377.3
-45°	521.7	635.6	766.8	916.5	1072.5	1244.0	1435.7	1635.8	1868.9	2092.8	2250.9
-47.5°	488.4	587.7	708.7	827.4	968.6	1121.5	1285.3	1474.8	1670.3	1890.8	2107.0
-50°	456.5	547.5	640.6	747.6	867.5	1001.9	1147.9	1314.8	1495.6	1676.1	1872.2
-52.5°	434.7	504.3	583.6	668.0	772.7	888.0	1017.3	1159.0	1317.4	1475.3	1645.3
-55°	410.7	470.9	527.9	599.5	681.8	781.8	894.1	1017.8	1138.7	1282.8	1427.2
-57.5°	387.3	437.3	483.0	537.9	606.7	680.1	782.2	885.2	990.1	1101.7	1223.7
-60°	363.6	404.5	444.5	488.9	539.0	604.1	675.0	761.1	846.9	936.0	1044.0
-62.5°	339.9	373.3	407.6	445.8	488.4	532.3	590.3	653.1	713.2	794.4	880.5
-65°	320.9	343.8	372.2	405.9	440.2	480.3	520.8	560.1	612.9	674.4	736.9
-67.5°	300.4	322.0	342.8	366.4	397.5	430.6	464.0	499.2	535.0	577.4	622.9
-70°	285.5	300.7	319.3	338.8	359.2	383.2	412.9	442.1	472.3	507.6	543.9
-72.5°	271.4	285.4	299.3	312.9	331.3	351.2	370.9	390.5	415.6	445.6	474.5
-75°	257.0	269.8	282.5	295.0	308.8	323.6	339.0	356.8	376.3	397.1	417.2
-77.5°	242.2	253.6	265.1	276.6	289.3	302.4	315.9	329.5	344.8	360.9	376.5
-80°	226.4	237.1	247.4	257.6	269.0	280.7	292.8	304.9	318.4	332.4	345.4
-82.5°	208.9	218.4	228.1	237.6	248.1	258.6	269.3	279.9	291.8	304.0	315.0
-85°	192.2	199.6	208.1	216.5	226.1	235.7	245.2	254.7	265.7	276.6	286.2
-87.5°	179.8	186.8	193.8	200.6	208.8	217.0	225.3	233.5	243.1	252.7	261.1
-90°	7.2	6.7	6.7	6.7	6.2	5.7	5.7	5.7	5.3	4.8	4.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	251.5	256.8	262.0	266.3	270.6	276.4	282.1	289.8	297.4	305.1	312.7
87.5°	4.6	4.2	3.8	3.7	3.7	3.7	3.7	3.3	2.9	2.9	2.9
85°	5.4	5.3	5.2	4.9	4.6	4.6	4.7	4.7	4.7	4.2	3.8
82.5°	5.7	5.7	5.7	5.3	4.8	4.8	4.8	4.8	4.8	4.3	3.8
80°	6.0	5.9	5.7	5.5	5.4	5.2	4.8	4.4	4.0	3.9	3.8
77.5°	6.8	6.5	6.1	6.0	5.8	5.3	4.9	4.4	3.9	3.8	3.8
75°	7.7	7.4	7.2	6.9	6.3	6.1	6.0	5.8	5.4	5.4	5.5
72.5°	9.2	9.1	9.1	9.3	9.3	9.6	10.0	10.4	10.8	11.6	12.5
70°	13.8	14.7	15.1	15.4	15.4	15.2	15.1	15.4	15.8	16.3	16.7
67.5°	20.1	21.6	22.4	22.8	21.3	20.5	20.5	21.0	21.7	23.1	25.0
65°	26.3	25.9	25.1	24.7	24.9	25.0	24.8	25.1	26.4	28.4	30.8
62.5°	30.8	26.7	24.2	23.0	23.8	25.3	24.3	23.5	24.6	25.9	27.1
60°	35.3	27.5	22.0	20.4	20.1	20.6	19.0	17.5	17.9	18.4	19.0
57.5°	39.5	29.5	20.4	17.4	14.6	13.2	12.7	12.2	11.9	11.6	11.7
55°	43.2	32.1	20.0	17.8	15.8	15.3	14.1	13.4	12.9	12.6	12.9
52.5°	47.9	41.3	32.9	30.6	34.4	34.7	30.7	36.5	40.9	42.9	43.7
50°	78.4	70.2	84.3	83.0	99.5	111.1	107.0	120.0	139.3	151.4	156.5
47.5°	172.3	172.6	200.4	225.1	245.5	272.2	292.7	312.5	340.0	357.1	364.9
45°	326.9	354.7	383.8	426.1	466.7	516.1	575.5	622.2	809.8	996.6	1166.5
42.5°	500.4	530.9	573.5	665.6	775.1	1028.6	1481.9	1734.9	2050.7	2394.4	2526.4
40°	644.8	689.1	805.9	1065.4	1697.3	2299.0	2960.0	3518.8	4013.6	4298.2	4536.1
37.5°	823.2	929.0	1460.9	2195.3	2981.0	3735.1	4415.8	5006.4	5519.1	5934.9	6346.4
35°	1083.1	1785.6	2571.5	3526.5	4361.6	5060.2	5765.4	6442.2	7023.7	7644.7	8567.5
32.5°	2053.3	2971.5	3982.3	4838.3	5654.5	6536.0	7277.0	8360.0	9208.1	10340.4	12070.8
30°	3295.6	4448.1	5364.6	6220.8	7267.5	8453.6	9690.9	11347.3	13078.1	14883.6	16741.7
27.5°	4890.8	6054.8	7021.1	8163.1	9545.1	11123.5	13489.3	15824.0	18306.2	20564.0	22280.0
25°	6813.5	8046.2	9697.9	11354.9	13332.7	16030.1	18688.0	21548.6	24037.2	26252.9	28733.2
22.5°	8615.5	10636.2	12817.3	15318.8	18539.5	21581.8	24868.1	27763.0	30886.1	34044.0	36486.4
20°	10136.8	12769.3	15898.1	19504.2	23074.2	26520.5	30344.7	34959.1	39608.6	43762.4	46776.7
17.5°	12188.9	15522.8	19417.4	23703.8	27547.2	31818.0	37140.5	43136.0	49651.0	55415.6	59986.4
15°	14431.1	18324.2	22727.9	27219.2	32081.6	37804.4	44648.3	52305.1	60274.4	68357.5	75888.1
12.5°	15955.4	20516.4	25325.4	30665.8	36730.4	44403.4	52713.8	61201.8	70309.1	80366.3	89101.8
10°	17258.6	22318.6	28120.3	34332.1	41300.9	49549.0	58138.2	68448.0	79815.8	89719.9	99076.4
7.5°	18547.5	24493.3	30553.7	37021.6	44678.0	53636.6	63801.9	74889.8	86458.7	97223.7	104875.2
5°	20072.7	26241.3	32301.2	39133.4	47151.4	56470.0	67192.2	79924.7	92113.7	102009.0	108910.2
2.5°	21333.8	27289.8	33495.0	40257.1	48497.5	58226.9	69864.1	84013.7	96520.8	105773.2	112018.0
0°	21975.9	27961.3	34246.0	41117.8	49565.2	59492.8	72189.4	87053.5	98874.2	107421.6	114109.3
-2.5°	22054.2	27747.8	33916.6	40694.2	48950.4	59074.8	72090.9	87130.6	99486.8	108370.5	114968.8
-5°	21826.2	27466.6	33623.6	40405.3	48549.8	59095.7	72164.7	86626.5	98566.1	107768.1	113982.1
-7.5°	21276.5	26950.1	33118.6	39800.4	47816.9	58044.8	70233.9	83342.6	95623.6	105566.3	111298.7
-10°	20471.2	26045.8	32119.2	38515.6	46075.6	55531.9	66433.0	78434.0	90844.1	100350.6	106961.3
-12.5°	19452.8	24728.7	30534.3	36581.6	43719.2	52529.5	62246.6	72295.7	82698.7	93536.8	100422.1
-15°	18283.5	23104.4	28538.9	34618.6	41675.3	49017.6	56736.2	64923.5	74433.5	83298.7	91313.5
-17.5°	17174.0	21326.1	26396.7	32320.3	38329.3	44709.0	51324.1	58008.4	65634.6	72593.5	78818.9
-20°	15779.6	19315.1	23987.1	29250.4	34834.2	40362.0	46043.9	51459.5	56995.8	62660.0	67604.2



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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°	14136.2	17574.4	21472.4	26055.2	31415.9	36335.7	40886.5	45118.7	49556.2	53475.6	57544.5
-25°	12345.9	15651.7	19233.8	23411.5	27527.4	31987.6	35764.5	39363.7	42805.7	45883.2	49047.3
-27.5°	10147.5	13637.3	17168.3	20511.9	23908.3	27110.8	30632.3	33952.9	36823.5	39362.4	41870.1
-30°	7670.7	11374.8	14714.9	17583.2	20275.8	22946.8	25642.8	28429.2	31146.7	33458.6	35512.6
-32.5°	5659.6	8749.7	11837.0	14647.7	17004.3	19211.9	21308.5	23494.7	25395.4	27346.9	29246.3
-35°	3744.4	5928.5	8491.5	11348.9	13803.3	15660.5	17561.5	19304.5	20737.3	22250.3	23684.2
-37.5°	3151.2	3732.5	5447.1	7766.9	10040.1	12175.7	14071.5	15586.8	16905.5	18114.0	19352.5
-40°	2779.8	3111.3	3599.2	4442.0	6353.7	8232.5	10185.7	11796.3	13201.2	14359.7	15499.9
-42.5°	2536.0	2763.5	3006.5	3338.4	3665.6	4585.7	6189.1	7579.3	8897.0	10202.2	11376.9
-45°	2409.7	2537.3	2676.3	2856.8	2996.7	3246.1	3524.6	3786.2	4834.9	5968.2	6916.8
-47.5°	2258.1	2394.3	2498.2	2583.2	2651.2	2760.7	2876.5	3027.9	3270.6	3556.9	3775.4
-50°	2064.4	2229.7	2333.4	2418.6	2467.4	2509.8	2551.5	2646.3	2777.9	2934.0	3057.8
-52.5°	1814.0	1977.5	2124.3	2235.1	2289.1	2341.8	2394.3	2459.4	2534.2	2624.3	2689.0
-55°	1578.0	1714.6	1841.6	1944.9	2038.1	2123.0	2204.7	2273.7	2354.4	2440.1	2500.4
-57.5°	1353.9	1464.2	1568.5	1658.0	1738.6	1810.0	1893.5	1984.2	2087.4	2185.7	2254.9
-60°	1144.5	1232.2	1318.9	1391.7	1457.3	1515.8	1593.0	1669.1	1759.6	1840.1	1898.8
-62.5°	957.3	1033.9	1098.0	1152.8	1202.3	1251.3	1316.2	1379.9	1454.2	1518.6	1567.4
-65°	795.4	859.3	904.4	945.2	981.0	1022.7	1072.9	1123.9	1182.4	1232.5	1272.4
-67.5°	670.5	713.8	742.2	767.3	797.0	830.2	868.2	908.9	954.4	992.2	1022.8
-70°	576.2	603.2	620.4	639.1	660.8	683.8	709.5	740.2	774.8	804.3	829.6
-72.5°	501.5	522.1	536.3	550.8	563.9	579.6	596.9	619.8	645.3	668.4	689.8
-75°	436.7	451.4	464.7	477.3	488.7	502.0	515.8	535.1	556.0	575.1	593.0
-77.5°	393.2	404.6	413.4	421.8	430.1	441.1	452.5	468.1	484.4	500.1	515.3
-80°	358.3	367.1	374.5	380.7	386.4	395.8	405.5	418.3	431.3	444.9	458.3
-82.5°	325.9	333.6	340.8	346.7	352.2	360.6	369.3	380.7	392.2	403.5	414.7
-85°	295.7	302.8	309.5	315.1	320.6	327.5	334.3	344.1	354.0	364.3	374.5
-87.5°	269.4	276.0	282.6	287.0	291.3	297.5	303.6	312.0	320.4	329.3	338.1
-90°	3.8	3.8	3.8	3.4	2.9	2.9	2.9	2.4	1.9	1.9	1.9



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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°	316.5	320.3	322.2	324.1	322.2	320.3	316.5	312.7	305.1	297.4	289.8
87.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	2.9	2.9	3.3
85°	3.3	2.9	3.3	3.8	3.3	2.9	3.3	3.8	4.2	4.7	4.7
82.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.8	4.8
80°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	4.0	4.4
77.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	4.4
75°	5.2	4.8	4.8	4.8	4.8	4.8	5.2	5.5	5.4	5.4	5.8
72.5°	12.9	13.2	13.8	14.3	13.8	13.2	12.9	12.5	11.6	10.8	10.4
70°	16.9	17.1	17.2	17.2	17.2	17.1	16.9	16.7	16.3	15.8	15.4
67.5°	26.0	26.5	27.6	28.7	27.6	26.5	26.0	25.0	23.1	21.7	21.0
65°	32.6	33.9	34.3	34.4	34.3	33.9	32.6	30.8	28.4	26.4	25.1
62.5°	28.2	29.5	29.7	29.6	29.7	29.5	28.2	27.1	25.9	24.6	23.5
60°	19.7	20.3	20.6	21.0	20.6	20.3	19.7	19.0	18.4	17.9	17.5
57.5°	11.9	12.5	12.5	12.4	12.5	12.5	11.9	11.7	11.6	11.9	12.2
55°	13.0	13.3	13.0	12.4	13.0	13.3	13.0	12.9	12.6	12.9	13.4
52.5°	42.6	40.5	38.3	36.3	38.3	40.5	42.6	43.7	42.9	40.9	36.5
50°	154.9	152.2	148.6	144.4	148.6	152.2	154.9	156.5	151.4	139.3	120.0
47.5°	371.8	372.5	368.9	362.4	368.9	372.5	371.8	364.9	357.1	340.0	312.5
45°	1314.6	1386.1	1424.6	1451.4	1424.6	1386.1	1314.6	1166.5	996.6	809.8	622.2
42.5°	2641.7	2742.1	2818.3	2834.0	2818.3	2742.1	2641.7	2526.4	2394.4	2050.7	1734.9
40°	4818.2	4835.0	4555.4	4133.4	4555.4	4835.0	4818.2	4536.1	4298.2	4013.6	3518.8
37.5°	6836.9	7542.3	8361.9	8780.2	8361.9	7542.3	6836.9	6346.4	5934.9	5519.1	5006.4
35°	9812.6	10873.8	11218.1	11227.0	11218.1	10873.8	9812.6	8567.5	7644.7	7023.7	6442.2
32.5°	13631.3	14494.1	14954.8	14829.7	14954.8	14494.1	13631.3	12070.8	10340.4	9208.1	8360.0
30°	17824.5	18575.2	18581.2	18330.1	18581.2	18575.2	17824.5	16741.7	14883.6	13078.1	11347.3
27.5°	24056.1	25642.4	26758.8	27059.7	26758.8	25642.4	24056.1	22280.0	20564.0	18306.2	15824.0
25°	30968.1	32711.3	33783.0	34173.3	33783.0	32711.3	30968.1	28733.2	26252.9	24037.2	21548.6
22.5°	38759.5	40454.2	41227.7	41632.2	41227.7	40454.2	38759.5	36486.4	34044.0	30886.1	27763.0
20°	49650.1	52059.8	52968.1	53356.3	52968.1	52059.8	49650.1	46776.7	43762.4	39608.6	34959.1
17.5°	64735.6	69494.6	72470.3	73998.4	72470.3	69494.6	64735.6	59986.4	55415.6	49651.0	43136.0
15°	81461.4	86292.8	89470.0	91375.2	89470.0	86292.8	81461.4	75888.1	68357.5	60274.4	52305.1
12.5°	95810.1	100117.0	103185.9	105010.2	103185.9	100117.0	95810.1	89101.8	80366.3	70309.1	61201.8
10°	105015.2	108708.8	111892.7	113447.7	111892.7	108708.8	105015.2	99076.4	89719.9	79815.8	68448.0
7.5°	110217.7	114512.5	116238.4	117301.9	116238.4	114512.5	110217.7	104875.2	97223.7	86458.7	74889.8
5°	114249.8	117643.7	119237.0	120014.4	119237.0	117643.7	114249.8	108910.2	102009.0	92113.7	79924.7
2.5°	116941.4	119887.8	121014.5	121641.8	121014.5	119887.8	116941.4	112018.0	105773.2	96520.8	84013.7
0°	118233.1	120405.5	121668.5	121052.8	121668.5	120405.5	118233.1	114109.3	107421.6	98874.2	87053.5
-2.5°	118242.1	120307.0	121246.0	120788.9	121246.0	120307.0	118242.1	114968.8	108370.5	99486.8	87130.6
-5°	117230.5	118771.6	119915.2	119548.8	119915.2	118771.6	117230.5	113982.1	107768.1	98566.1	86626.5
-7.5°	114502.5	116550.6	117388.2	117429.0	117388.2	116550.6	114502.5	111298.7	105566.3	95623.6	83342.6
-10°	110749.6	113020.4	113912.2	114003.2	113912.2	113020.4	110749.6	106961.3	100350.6	90844.1	78434.0
-12.5°	105171.8	107835.6	109119.1	109347.8	109119.1	107835.6	105171.8	100422.1	93536.8	82698.7	72295.7
-15°	96513.1	100103.5	102130.1	102841.2	102130.1	100103.5	96513.1	91313.5	83298.7	74433.5	64923.5
-17.5°	84742.0	89031.8	91558.8	92449.9	91558.8	89031.8	84742.0	78818.9	72593.5	65634.6	58008.4
-20°	72463.6	75643.8	77591.9	78394.7	77591.9	75643.8	72463.6	67604.2	62660.0	56995.8	51459.5



REPORT NUMBER: P1306272 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	61295.2	63859.3	65306.7	65949.6	65306.7	63859.3	61295.2	57544.5	53475.6	49556.2	45118.7
-25°	51608.7	53768.3	54510.6	54929.2	54510.6	53768.3	51608.7	49047.3	45883.2	42805.7	39363.7
-27.5°	43694.3	45407.4	45807.2	46176.7	45807.2	45407.4	43694.3	41870.1	39362.4	36823.5	33952.9
-30°	37025.3	38516.1	38719.9	39129.0	38719.9	38516.1	37025.3	35512.6	33458.6	31146.7	28429.2
-32.5°	30788.5	32116.0	32624.6	32702.8	32624.6	32116.0	30788.5	29246.3	27346.9	25395.4	23494.7
-35°	24816.4	25691.3	26037.4	26058.6	26037.4	25691.3	24816.4	23684.2	22250.3	20737.3	19304.5
-37.5°	20120.8	20678.5	21079.5	20969.1	21079.5	20678.5	20120.8	19352.5	18114.0	16905.5	15586.8
-40°	16138.8	16700.0	17066.4	16977.2	17066.4	16700.0	16138.8	15499.9	14359.7	13201.2	11796.3
-42.5°	12024.9	12642.0	12988.4	12892.6	12988.4	12642.0	12024.9	11376.9	10202.2	8897.0	7579.3
-45°	7457.6	8001.5	8256.7	8101.4	8256.7	8001.5	7457.6	6916.8	5968.2	4834.9	3786.2
-47.5°	3890.6	4014.4	4054.0	3998.6	4054.0	4014.4	3890.6	3775.4	3556.9	3270.6	3027.9
-50°	3154.4	3232.1	3265.5	3255.6	3265.5	3232.1	3154.4	3057.8	2934.0	2777.9	2646.3
-52.5°	2739.8	2775.7	2787.5	2780.4	2787.5	2775.7	2739.8	2689.0	2624.3	2534.2	2459.4
-55°	2551.3	2587.0	2599.3	2595.0	2599.3	2587.0	2551.3	2500.4	2440.1	2354.4	2273.7
-57.5°	2312.3	2356.0	2383.1	2397.0	2383.1	2356.0	2312.3	2254.9	2185.7	2087.4	1984.2
-60°	1946.0	1981.0	1991.1	1985.9	1991.1	1981.0	1946.0	1898.8	1840.1	1759.6	1669.1
-62.5°	1605.7	1634.4	1655.9	1670.4	1655.9	1634.4	1605.7	1567.4	1518.6	1454.2	1379.9
-65°	1301.8	1322.6	1326.9	1323.3	1326.9	1322.6	1301.8	1272.4	1232.5	1182.4	1123.9
-67.5°	1044.3	1059.7	1061.8	1058.4	1061.8	1059.7	1044.3	1022.8	992.2	954.4	908.9
-70°	846.7	859.7	861.5	859.6	861.5	859.7	846.7	829.6	804.3	774.8	740.2
-72.5°	702.3	711.8	719.0	724.8	719.0	711.8	702.3	689.8	668.4	645.3	619.8
-75°	602.0	608.8	610.6	611.0	610.6	608.8	602.0	593.0	575.1	556.0	535.1
-77.5°	523.4	530.2	535.1	539.3	535.1	530.2	523.4	515.3	500.1	484.4	468.1
-80°	464.4	469.6	473.5	477.1	473.5	469.6	464.4	458.3	444.9	431.3	418.3
-82.5°	420.4	425.8	429.2	432.2	429.2	425.8	420.4	414.7	403.5	392.2	380.7
-85°	378.9	383.1	386.2	389.1	386.2	383.1	378.9	374.5	364.3	354.0	344.1
-87.5°	342.1	346.0	348.0	349.9	348.0	346.0	342.1	338.1	329.3	320.4	312.0
-90°	1.5	1.0	1.0	1.0	1.0	1.0	1.5	1.9	1.9	1.9	2.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	282.1	276.4	270.6	266.3	262.0	256.8	251.5	243.4	235.2	226.6	218.0
87.5°	3.7	3.7	3.7	3.7	3.8	4.2	4.6	4.7	4.8	5.3	5.7
85°	4.7	4.6	4.6	4.9	5.2	5.3	5.4	5.3	5.3	5.7	6.1
82.5°	4.8	4.8	4.8	5.3	5.7	5.7	5.7	5.9	6.0	6.3	6.7
80°	4.8	5.2	5.4	5.5	5.7	5.9	6.0	6.4	6.7	6.7	6.8
77.5°	4.9	5.3	5.8	6.0	6.1	6.5	6.8	6.7	6.8	7.1	7.3
75°	6.0	6.1	6.3	6.9	7.2	7.4	7.7	7.9	7.9	7.8	8.0
72.5°	10.0	9.6	9.3	9.3	9.1	9.1	9.2	9.4	9.4	9.0	8.8
70°	15.1	15.2	15.4	15.4	15.1	14.7	13.8	12.6	11.7	11.6	10.8
67.5°	20.5	20.5	21.3	22.8	22.4	21.6	20.1	18.7	17.3	16.1	13.9
65°	24.8	25.0	24.9	24.7	25.1	25.9	26.3	24.9	25.0	22.8	18.3
62.5°	24.3	25.3	23.8	23.0	24.2	26.7	30.8	32.9	34.8	32.8	27.4
60°	19.0	20.6	20.1	20.4	22.0	27.5	35.3	41.3	46.3	43.0	36.8
57.5°	12.7	13.2	14.6	17.4	20.4	29.5	39.5	48.6	55.2	51.2	46.0
55°	14.1	15.3	15.8	17.8	20.0	32.1	43.2	52.8	59.6	57.8	52.4
52.5°	30.7	34.7	34.4	30.6	32.9	41.3	47.9	58.7	64.7	64.6	60.1
50°	107.0	111.1	99.5	83.0	84.3	70.2	78.4	80.4	78.2	78.9	72.1
47.5°	292.7	272.2	245.5	225.1	200.4	172.6	172.3	140.5	136.5	110.2	105.4
45°	575.5	516.1	466.7	426.1	383.8	354.7	326.9	310.1	245.7	221.2	159.0
42.5°	1481.9	1028.6	775.1	665.6	573.5	530.9	500.4	479.7	450.7	374.5	313.8
40°	2960.0	2299.0	1697.3	1065.4	805.9	689.1	644.8	596.4	591.4	552.0	472.3
37.5°	4415.8	3735.1	2981.0	2195.3	1460.9	929.0	823.2	750.7	697.2	682.5	625.1
35°	5765.4	5060.2	4361.6	3526.5	2571.5	1785.6	1083.1	954.7	851.7	791.3	756.8
32.5°	7277.0	6536.0	5654.5	4838.3	3982.3	2971.5	2053.3	1272.1	1044.6	939.9	859.0
30°	9690.9	8453.6	7267.5	6220.8	5364.6	4448.1	3295.6	2126.8	1346.8	1094.0	967.2
27.5°	13489.3	11123.5	9545.1	8163.1	7021.1	6054.8	4890.8	3335.4	1856.2	1335.2	1108.7
25°	18688.0	16030.1	13332.7	11354.9	9697.9	8046.2	6813.5	4931.8	3036.2	1621.9	1266.6
22.5°	24868.1	21581.8	18539.5	15318.8	12817.3	10636.2	8615.5	6546.1	4267.8	2279.5	1534.9
20°	30344.7	26520.5	23074.2	19504.2	15898.1	12769.3	10136.8	7970.5	5593.6	3319.7	1795.5
17.5°	37140.5	31818.0	27547.2	23703.8	19417.4	15522.8	12188.9	9492.5	6831.8	4188.0	2009.3
15°	44648.3	37804.4	32081.6	27219.2	22727.9	18324.2	14431.1	11119.8	8214.4	5106.3	2639.7
12.5°	52713.8	44403.4	36730.4	30665.8	25325.4	20516.4	15955.4	12534.6	9498.2	6210.3	3334.2
10°	58138.2	49549.0	41300.9	34332.1	28120.3	22318.6	17258.6	13407.8	10332.5	7176.8	4014.2
7.5°	63801.9	53636.6	44678.0	37021.6	30553.7	24493.3	18547.5	14082.5	10974.2	7898.5	4542.4
5°	67192.2	56470.0	47151.4	39133.4	32301.2	26241.3	20072.7	14683.4	11504.5	8439.9	4946.2
2.5°	69864.1	58226.9	48497.5	40257.1	33495.0	27289.8	21333.8	15274.4	11789.8	8694.3	5058.5
0°	72189.4	59492.8	49565.2	41117.8	34246.0	27961.3	21975.9	15849.9	11876.2	8757.3	5038.8
-2.5°	72090.9	59074.8	48950.4	40694.2	33916.6	27747.8	22054.2	16590.0	12481.5	8810.5	5046.3
-5°	72164.7	59095.7	48549.8	40405.3	33623.6	27466.6	21826.2	16806.3	12800.2	8738.5	4931.6
-7.5°	70233.9	58044.8	47816.9	39800.4	33118.6	26950.1	21276.5	16534.2	12814.7	8742.5	4745.0
-10°	66433.0	55531.9	46075.6	38515.6	32119.2	26045.8	20471.2	16086.0	12467.8	8395.5	4424.6
-12.5°	62246.6	52529.5	43719.2	36581.6	30534.3	24728.7	19452.8	15445.2	11836.4	7744.5	4111.1
-15°	56736.2	49017.6	41675.3	34618.6	28538.9	23104.4	18283.5	14639.5	11035.1	6899.3	3624.2
-17.5°	51324.1	44709.0	38329.3	32320.3	26396.7	21326.1	17174.0	13578.6	9895.1	5934.0	2985.4
-20°	46043.9	40362.0	34834.2	29250.4	23987.1	19315.1	15779.6	12290.5	8469.9	4987.9	2881.6



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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°	40886.5	36335.7	31415.9	26055.2	21472.4	17574.4	14136.2	10695.8	6841.8	3875.5	2743.7
-25°	35764.5	31987.6	27527.4	23411.5	19233.8	15651.7	12345.9	8722.0	5448.7	3222.3	2559.5
-27.5°	30632.3	27110.8	23908.3	20511.9	17168.3	13637.3	10147.5	6665.5	3901.0	2925.8	2457.4
-30°	25642.8	22946.8	20275.8	17583.2	14714.9	11374.8	7670.7	4890.7	3231.3	2645.2	2325.3
-32.5°	21308.5	19211.9	17004.3	14647.7	11837.0	8749.7	5659.6	3528.1	2847.2	2488.1	2244.4
-35°	17561.5	15660.5	13803.3	11348.9	8491.5	5928.5	3744.4	3048.4	2613.0	2336.5	2171.9
-37.5°	14071.5	12175.7	10040.1	7766.9	5447.1	3732.5	3151.2	2724.6	2414.5	2241.0	2075.2
-40°	10185.7	8232.5	6353.7	4442.0	3599.2	3111.3	2779.8	2501.2	2315.2	2134.4	1970.5
-42.5°	6189.1	4585.7	3665.6	3338.4	3006.5	2763.5	2536.0	2377.3	2206.3	2033.5	1813.9
-45°	3524.6	3246.1	2996.7	2856.8	2676.3	2537.3	2409.7	2250.9	2092.8	1868.9	1635.8
-47.5°	2876.5	2760.7	2651.2	2583.2	2498.2	2394.3	2258.1	2107.0	1890.8	1670.3	1474.8
-50°	2551.5	2509.8	2467.4	2418.6	2333.4	2229.7	2064.4	1872.2	1676.1	1495.6	1314.8
-52.5°	2394.3	2341.8	2289.1	2235.1	2124.3	1977.5	1814.0	1645.3	1475.3	1317.4	1159.0
-55°	2204.7	2123.0	2038.1	1944.9	1841.6	1714.6	1578.0	1427.2	1282.8	1138.7	1017.8
-57.5°	1893.5	1810.0	1738.6	1658.0	1568.5	1464.2	1353.9	1223.7	1101.7	990.1	885.2
-60°	1593.0	1515.8	1457.3	1391.7	1318.9	1232.2	1144.5	1044.0	936.0	846.9	761.1
-62.5°	1316.2	1251.3	1202.3	1152.8	1098.0	1033.9	957.3	880.5	794.4	713.2	653.1
-65°	1072.9	1022.7	981.0	945.2	904.4	859.3	795.4	736.9	674.4	612.9	560.1
-67.5°	868.2	830.2	797.0	767.3	742.2	713.8	670.5	622.9	577.4	535.0	499.2
-70°	709.5	683.8	660.8	639.1	620.4	603.2	576.2	543.9	507.6	472.3	442.1
-72.5°	596.9	579.6	563.9	550.8	536.3	522.1	501.5	474.5	445.6	415.6	390.5
-75°	515.8	502.0	488.7	477.3	464.7	451.4	436.7	417.2	397.1	376.3	356.8
-77.5°	452.5	441.1	430.1	421.8	413.4	404.6	393.2	376.5	360.9	344.8	329.5
-80°	405.5	395.8	386.4	380.7	374.5	367.1	358.3	345.4	332.4	318.4	304.9
-82.5°	369.3	360.6	352.2	346.7	340.8	333.6	325.9	315.0	304.0	291.8	279.9
-85°	334.3	327.5	320.6	315.1	309.5	302.8	295.7	286.2	276.6	265.7	254.7
-87.5°	303.6	297.5	291.3	287.0	282.6	276.0	269.4	261.1	252.7	243.1	233.5
-90°	2.9	2.9	2.9	3.4	3.8	3.8	3.8	4.3	4.8	5.3	5.7



REPORT NUMBER: P1306272 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	209.9	201.7	194.1	186.4	180.2	174.0	167.3	160.6	149.6	138.6	123.3
87.5°	6.0	6.3	6.8	7.2	7.2	7.2	7.6	8.0	8.2	8.3	8.7
85°	6.6	7.0	7.3	7.6	7.7	7.6	8.0	8.5	8.8	9.0	9.3
82.5°	7.2	7.5	7.5	7.7	8.3	8.6	8.7	8.9	9.3	9.7	9.9
80°	7.2	7.6	7.8	8.0	8.8	9.6	9.4	9.4	10.0	10.3	10.5
77.5°	7.6	7.9	8.2	8.6	9.1	9.7	9.8	9.9	10.6	11.0	11.1
75°	8.3	8.5	8.5	8.9	9.4	9.7	10.0	10.3	11.1	11.6	11.6
72.5°	9.1	9.1	8.8	9.1	9.8	10.3	10.6	10.8	11.5	12.1	12.3
70°	10.2	9.8	9.4	9.8	10.4	11.0	11.4	11.7	11.9	12.6	13.0
67.5°	11.5	10.9	10.3	10.6	11.1	11.9	12.3	12.8	13.0	13.2	13.7
65°	15.8	13.9	11.5	12.0	12.2	13.1	13.7	14.2	14.2	14.6	14.5
62.5°	22.2	18.7	16.6	14.7	14.4	15.6	15.4	16.5	15.7	16.0	15.8
60°	30.3	24.9	22.4	20.3	19.0	18.9	19.5	19.2	18.9	17.5	17.3
57.5°	37.9	30.7	29.9	27.1	26.3	24.8	25.0	24.4	23.0	21.5	18.9
55°	44.8	38.6	38.7	36.7	35.8	33.0	32.7	31.5	28.5	26.7	20.9
52.5°	52.0	49.7	49.0	49.7	49.0	43.9	43.4	39.4	37.1	32.4	26.3
50°	63.1	65.2	62.8	66.5	64.5	61.3	55.1	50.9	46.2	39.4	32.2
47.5°	91.6	93.1	86.0	88.7	85.4	80.8	72.6	63.7	56.0	48.3	38.2
45°	159.0	136.8	128.2	119.9	112.5	106.4	93.3	77.3	68.4	57.4	44.2
42.5°	251.6	221.3	197.3	156.1	153.1	136.2	116.5	97.9	81.3	66.9	51.7
40°	396.8	340.3	288.1	242.4	203.5	169.1	147.2	120.8	94.8	77.3	60.1
37.5°	551.3	479.7	411.2	340.9	270.3	222.3	181.3	144.9	110.8	89.4	68.7
35°	688.8	625.1	530.4	448.7	367.7	278.0	217.8	172.8	132.6	101.9	77.4
32.5°	806.9	745.9	642.9	552.0	446.6	335.2	263.9	204.5	154.8	114.7	86.5
30°	901.8	832.4	746.0	634.1	512.4	399.8	312.0	235.7	177.4	127.7	96.2
27.5°	994.4	915.8	836.9	709.3	573.6	455.2	352.0	266.2	200.2	142.4	106.8
25°	1105.3	1002.9	916.1	791.1	633.6	499.9	387.9	296.1	224.7	159.3	116.9
22.5°	1243.6	1088.5	996.4	877.1	702.2	544.0	422.9	327.7	245.9	175.3	126.6
20°	1364.5	1164.4	1073.3	957.1	776.5	600.4	459.1	354.1	265.9	190.3	135.9
17.5°	1492.0	1244.0	1122.6	1013.9	849.0	657.2	497.0	379.1	284.6	204.3	144.6
15°	1663.1	1329.9	1167.8	1062.9	910.9	711.7	534.0	402.8	302.1	217.2	153.1
12.5°	1803.7	1409.9	1212.3	1101.4	958.9	761.3	569.5	424.9	318.2	230.2	161.5
10°	1939.1	1495.3	1260.8	1137.7	999.3	805.6	603.0	448.4	337.2	243.2	169.4
7.5°	2088.2	1575.8	1307.5	1172.4	1033.4	842.6	637.4	476.4	355.6	255.1	176.7
5°	2208.8	1647.2	1355.6	1211.2	1066.2	871.0	668.5	502.8	372.7	266.0	183.5
2.5°	2243.5	1706.9	1402.5	1247.8	1094.2	893.3	695.7	527.1	388.1	275.6	189.6
0°	2252.7	1755.5	1444.7	1280.3	1116.8	910.2	719.0	548.8	401.6	284.0	195.1
-2.5°	2300.4	1794.7	1482.5	1326.9	1157.2	932.0	732.2	560.0	413.0	293.7	203.0
-5°	2326.9	1822.3	1516.0	1368.3	1190.4	948.3	741.5	568.3	422.2	301.9	210.2
-7.5°	2341.8	1842.2	1546.4	1402.7	1214.8	958.6	746.7	573.7	429.2	308.6	216.6
-10°	2334.6	1851.8	1572.5	1422.0	1226.2	968.4	749.4	576.3	433.9	313.8	222.1
-12.5°	2345.3	1854.1	1593.3	1436.3	1230.3	977.4	758.4	580.3	436.3	317.2	226.8
-15°	2345.7	1876.7	1626.9	1448.1	1228.0	979.8	762.0	582.4	437.0	319.1	230.5
-17.5°	2292.4	1878.5	1658.0	1465.2	1221.0	975.3	759.6	580.0	435.1	319.6	233.8
-20°	2276.8	1894.1	1675.8	1473.6	1205.7	965.2	751.3	572.8	430.7	318.4	236.6



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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°	2255.4	1928.1	1696.0	1455.0	1183.9	949.6	739.3	561.3	423.6	315.6	238.5
-25°	2189.3	1949.9	1705.4	1433.6	1160.5	932.3	725.0	551.3	413.8	311.1	239.5
-27.5°	2150.4	1939.5	1699.8	1398.1	1135.5	907.6	710.0	543.9	407.2	305.0	239.7
-30°	2126.6	1907.5	1649.4	1352.0	1098.7	878.1	691.0	532.4	401.9	302.4	239.0
-32.5°	2071.8	1869.2	1573.5	1299.5	1057.8	843.5	667.8	516.6	393.8	302.2	238.4
-35°	1989.3	1772.9	1483.5	1233.4	1012.3	812.9	641.5	496.2	383.0	300.4	237.5
-37.5°	1893.1	1637.8	1401.5	1163.3	953.7	775.2	614.8	477.8	369.4	297.2	236.0
-40°	1742.5	1505.7	1291.3	1089.3	895.5	728.3	583.5	460.0	361.1	292.5	233.6
-42.5°	1585.4	1375.2	1182.5	1001.3	833.2	683.8	549.3	439.2	354.3	287.9	230.2
-45°	1435.7	1244.0	1072.5	916.5	766.8	635.6	521.7	417.3	345.6	282.8	226.9
-47.5°	1285.3	1121.5	968.6	827.4	708.7	587.7	488.4	405.1	335.0	276.5	224.2
-50°	1147.9	1001.9	867.5	747.6	640.6	547.5	456.5	390.6	325.5	268.5	220.7
-52.5°	1017.3	888.0	772.7	668.0	583.6	504.3	434.7	373.2	314.2	261.7	216.4
-55°	894.1	781.8	681.8	599.5	527.9	470.9	410.7	355.6	301.2	254.9	211.7
-57.5°	782.2	680.1	606.7	537.9	483.0	437.3	387.3	336.5	290.9	247.3	209.3
-60°	675.0	604.1	539.0	488.9	444.5	404.5	363.6	318.3	280.8	239.7	206.0
-62.5°	590.3	532.3	488.4	445.8	407.6	373.3	339.9	303.7	269.2	234.7	201.9
-65°	520.8	480.3	440.2	405.9	372.2	343.8	320.9	288.2	260.1	229.2	197.2
-67.5°	464.0	430.6	397.5	366.4	342.8	322.0	300.4	276.2	251.4	223.0	191.5
-70°	412.9	383.2	359.2	338.8	319.3	300.7	285.5	265.3	242.2	215.5	185.4
-72.5°	370.9	351.2	331.3	312.9	299.3	285.4	271.4	253.9	231.8	207.3	178.7
-75°	339.0	323.6	308.8	295.0	282.5	269.8	257.0	241.7	221.0	198.6	170.9
-77.5°	315.9	302.4	289.3	276.6	265.1	253.6	242.2	229.1	209.4	188.3	162.5
-80°	292.8	280.7	269.0	257.6	247.4	237.1	226.4	214.4	196.1	177.5	153.6
-82.5°	269.3	258.6	248.1	237.6	228.1	218.4	208.9	198.8	182.5	166.1	145.2
-85°	245.2	235.7	226.1	216.5	208.1	199.6	192.2	184.5	170.8	157.1	138.1
-87.5°	225.3	217.0	208.8	200.6	193.8	186.8	179.8	172.6	160.3	148.0	130.8
-90°	5.7	5.7	6.2	6.7	6.7	6.7	7.2	7.6	7.6	7.6	8.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	108.0	89.4	70.8	50.7	30.6	20.5	10.5
87.5°	9.1	9.0	8.9	8.9	8.9	9.8	10.5
85°	9.6	9.4	9.3	9.2	9.1	10.0	10.5
82.5°	10.1	9.8	9.6	9.5	9.4	10.2	10.5
80°	10.6	10.2	9.9	9.9	9.7	10.4	10.5
77.5°	11.1	10.7	10.3	10.2	9.9	10.6	10.5
75°	11.6	11.4	10.7	10.5	10.2	10.8	10.5
72.5°	12.2	12.0	11.4	10.8	10.5	11.1	10.5
70°	12.8	12.7	12.0	11.2	10.9	11.3	10.5
67.5°	13.7	13.4	12.7	11.8	11.2	11.5	10.5
65°	14.5	14.1	13.4	12.3	11.5	11.7	10.5
62.5°	15.4	15.0	14.1	12.9	11.9	12.0	10.5
60°	16.3	15.8	14.8	13.4	12.3	12.2	10.5
57.5°	18.2	16.6	15.8	14.0	12.9	12.4	10.5
55°	20.2	17.5	16.8	14.5	13.5	12.7	10.5
52.5°	22.5	18.6	17.9	15.1	14.2	12.9	10.5
50°	25.0	21.2	19.1	15.6	15.0	13.1	10.5
47.5°	28.0	24.0	20.4	16.3	15.7	13.4	10.5
45°	33.3	26.9	21.8	17.4	16.5	13.6	10.5
42.5°	38.6	30.0	23.2	18.4	17.4	13.9	10.5
40°	44.2	33.1	25.2	20.0	18.3	14.1	10.5
37.5°	50.3	36.5	27.8	21.9	19.2	14.3	10.5
35°	56.4	40.9	30.3	23.9	20.1	14.5	10.5
32.5°	63.1	45.8	32.9	25.9	21.1	14.8	10.5
30°	70.7	50.6	35.5	27.9	22.1	15.0	10.5
27.5°	78.3	55.4	39.0	30.0	23.1	15.2	10.5
25°	85.6	60.1	42.5	32.1	24.1	15.4	10.5
22.5°	92.8	64.9	46.0	34.1	25.1	15.7	10.5
20°	99.7	70.1	49.4	36.2	26.1	15.9	10.5
17.5°	106.5	75.1	52.7	38.3	27.1	16.1	10.5
15°	113.2	79.9	55.9	40.4	28.1	16.3	10.5
12.5°	119.5	84.4	59.0	42.4	29.1	16.4	10.5
10°	125.3	88.7	62.0	44.4	30.1	16.6	10.5
7.5°	130.8	92.8	64.9	46.3	31.0	16.8	10.5
5°	135.8	96.6	67.7	48.1	31.9	16.9	10.5
2.5°	140.3	100.1	70.3	49.9	32.7	17.1	10.5
0°	144.4	103.3	72.7	51.6	33.5	17.2	10.5
-2.5°	150.6	108.0	76.1	53.9	34.9	17.9	10.5
-5°	156.2	112.4	79.3	56.0	36.3	18.5	10.5
-7.5°	161.3	116.5	82.3	58.1	37.6	19.1	10.5
-10°	165.8	120.1	85.1	60.0	38.8	19.7	10.5
-12.5°	169.8	123.4	87.7	61.8	39.9	20.3	10.5
-15°	173.1	126.3	90.0	63.5	41.0	20.9	10.5
-17.5°	175.8	128.8	92.1	65.0	42.0	21.4	10.5
-20°	178.2	130.8	94.0	66.4	42.9	21.9	10.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	180.6	132.3	95.6	67.6	43.7	22.4	10.5
-25°	182.4	134.2	96.9	68.7	44.4	22.8	10.5
-27.5°	183.5	135.9	98.0	69.6	45.0	23.2	10.5
-30°	183.8	137.3	98.8	70.3	45.5	23.6	10.5
-32.5°	183.5	138.1	100.5	70.9	45.9	23.9	10.5
-35°	183.5	138.6	101.9	71.4	46.2	24.2	10.5
-37.5°	183.5	139.0	103.0	71.6	46.4	24.5	10.5
-40°	182.9	140.1	103.9	71.7	46.5	24.7	10.5
-42.5°	181.9	140.8	104.6	71.9	46.5	24.8	10.5
-45°	180.3	141.1	105.1	72.3	46.4	25.0	10.5
-47.5°	178.1	141.1	105.4	72.5	46.2	25.1	10.5
-50°	177.3	140.7	105.2	72.5	45.9	25.1	10.5
-52.5°	176.3	140.1	104.7	72.4	45.5	25.1	10.5
-55°	174.9	138.8	103.9	72.1	45.0	25.0	10.5
-57.5°	172.9	137.1	102.7	71.5	44.4	25.0	10.5
-60°	170.5	135.0	101.3	70.8	43.7	24.8	10.5
-62.5°	167.3	132.5	99.8	69.9	43.1	24.7	10.5
-65°	163.6	129.7	98.1	68.7	42.4	24.5	10.5
-67.5°	159.5	126.6	96.1	67.4	41.6	24.2	10.5
-70°	154.9	123.2	93.9	65.9	40.7	23.9	10.5
-72.5°	149.5	119.3	91.4	64.5	39.7	23.6	10.5
-75°	143.5	115.1	88.6	63.0	38.6	23.3	10.5
-77.5°	137.1	110.6	86.1	61.3	37.5	22.9	10.5
-80°	130.2	106.5	83.4	59.4	36.2	22.5	10.5
-82.5°	124.8	102.5	80.5	57.4	34.9	22.0	10.5
-85°	119.5	98.3	77.4	55.3	33.5	21.6	10.5
-87.5°	113.8	94.0	74.2	53.1	32.1	21.1	10.5
-90°	8.6	8.6	8.6	8.6	8.6	9.6	10.5

(END OF REPORT)