

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: P1305469 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-70-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

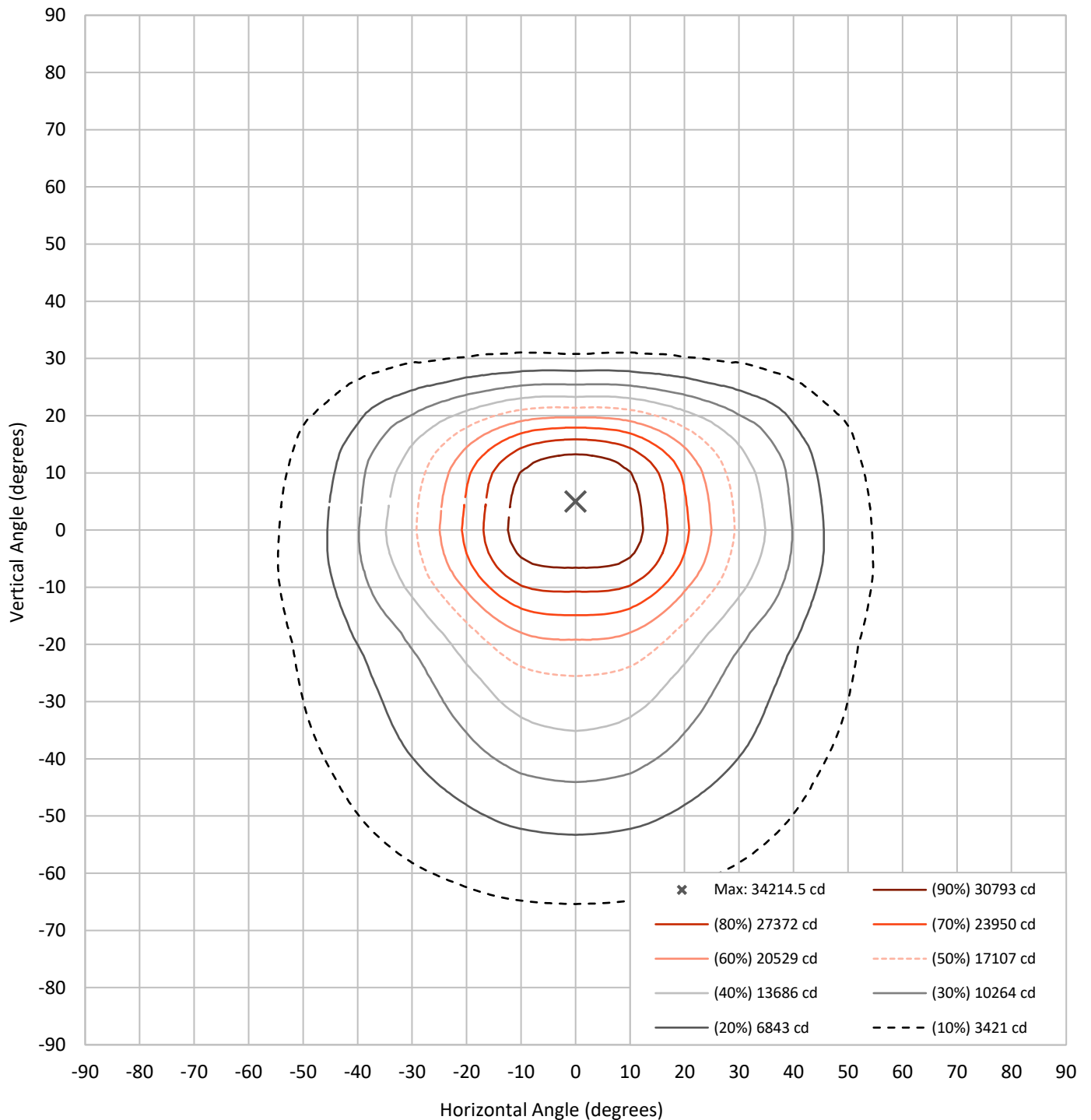
Test Method: LM-79-08
Report Number: P1305469 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-40-70-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	33524.4 lumens	Max Intensity:	34214.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	100.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	16124.6 lumens	Field Lumens:	31078.1 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
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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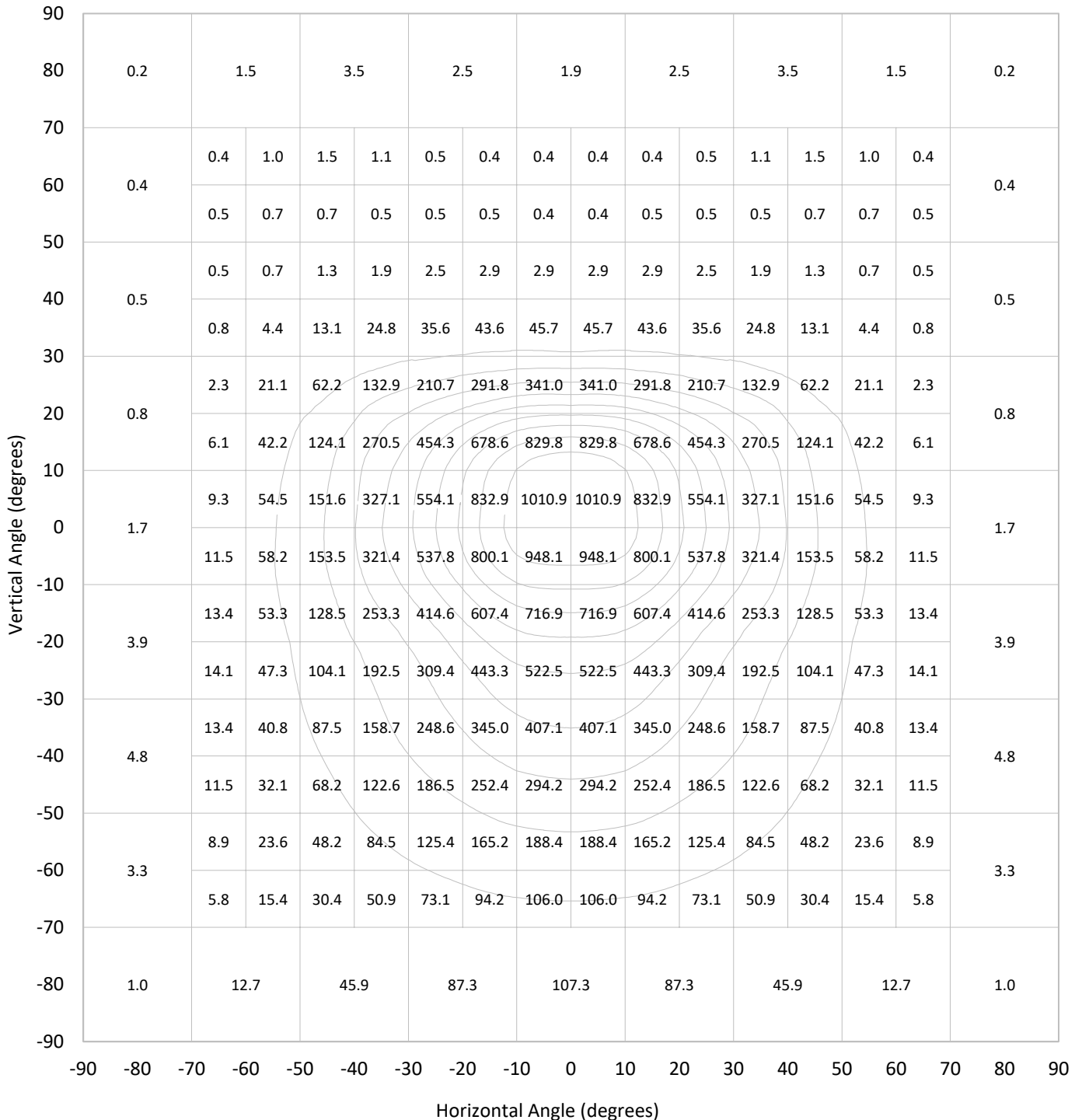
Iso-Candela Plot





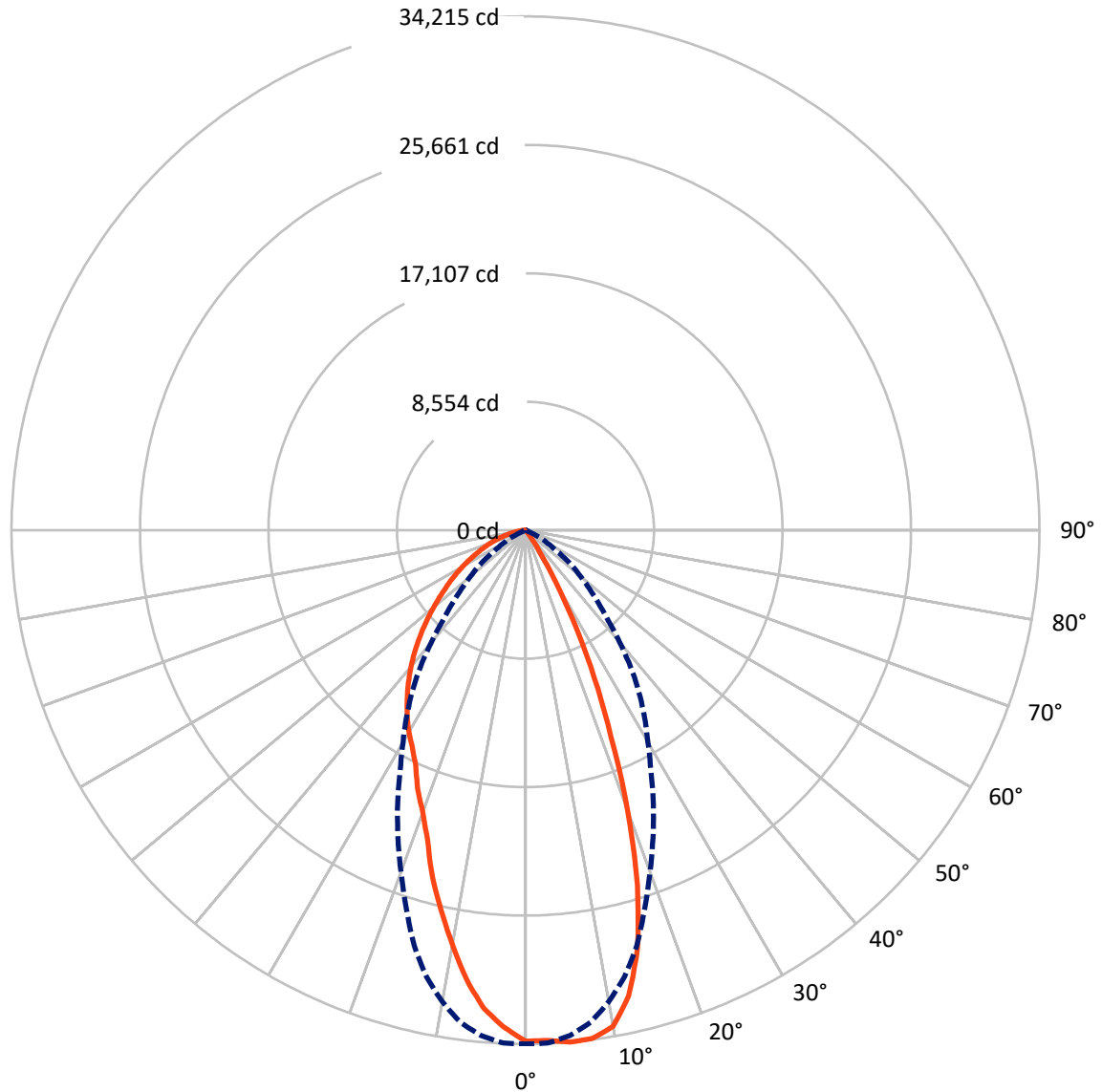
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Lumen Table



REPORT NUMBER: P1305469 (CONVERTED FROM TYPE C PHOTOMETRY)
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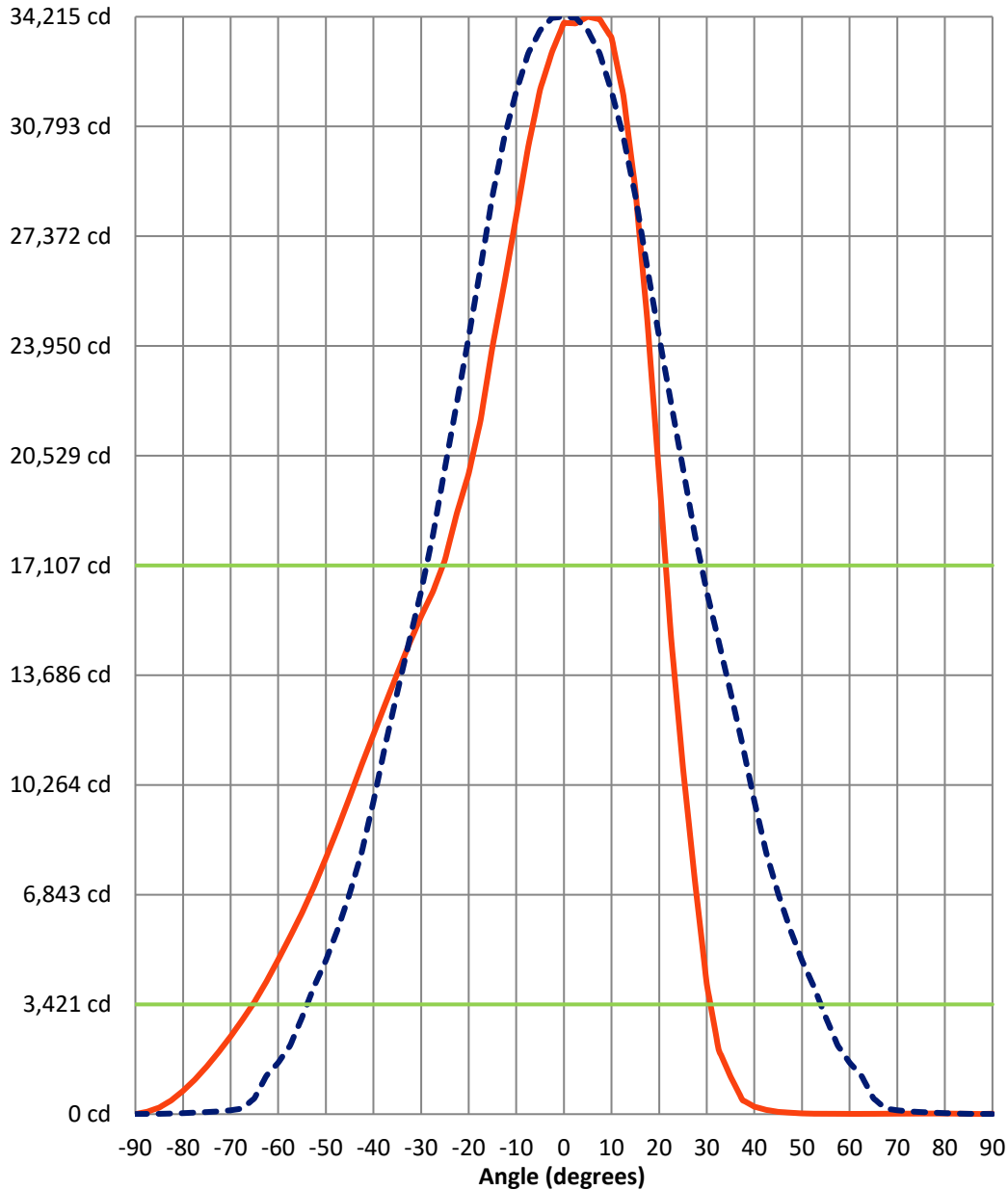
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 16124.6
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 31078.1
 Efficiency: 92.7%

Spill:
 Lumens: 2446.3
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 5-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°	4.7	5.3	5.9	6.2	6.5	6.7	7.0	7.3	7.6	7.9	8.2
87.5°	4.7	5.5	6.3	6.4	6.5	6.8	7.1	7.1	6.9	6.7	6.5
85°	4.7	5.7	6.7	7.1	7.7	8.6	9.6	9.7	9.8	9.7	9.5
82.5°	4.7	5.8	7.1	7.9	9.0	10.3	11.9	12.4	12.6	13.2	14.6
80°	4.7	6.0	7.5	8.6	10.1	12.0	14.1	14.3	15.5	17.7	20.8
77.5°	4.7	6.2	7.9	9.4	11.3	13.2	14.6	15.8	18.2	21.9	25.5
75°	4.7	6.3	8.3	10.1	12.2	13.4	15.1	17.2	20.6	23.4	26.3
72.5°	4.7	6.5	8.6	10.8	12.3	13.6	15.5	18.2	21.1	24.1	27.0
70°	4.7	6.7	9.0	11.3	12.3	13.8	15.9	18.7	21.7	24.7	28.4
67.5°	4.7	6.8	9.3	11.2	12.2	13.9	16.4	19.1	22.2	26.1	29.9
65°	4.7	7.0	9.7	11.1	12.2	14.2	16.8	19.5	23.4	27.4	31.6
62.5°	4.7	7.1	10.0	10.9	12.1	14.7	17.3	20.3	24.5	28.7	33.7
60°	4.7	7.2	10.3	10.8	12.0	15.1	17.8	21.2	25.5	30.3	35.6
57.5°	4.7	7.4	10.2	10.6	12.4	15.6	18.7	22.1	26.6	31.7	36.5
55°	4.7	7.5	10.1	10.4	12.8	16.1	19.6	23.2	27.6	32.8	37.1
52.5°	4.7	7.6	10.0	10.2	13.2	16.6	20.5	24.3	28.5	33.4	37.7
50°	4.7	7.7	9.9	10.0	13.6	17.3	21.4	25.6	29.1	34.0	37.8
47.5°	4.7	7.8	9.9	9.9	14.0	18.0	22.3	26.9	29.7	34.6	38.5
45°	4.7	7.9	9.8	10.2	14.3	18.7	23.6	28.4	31.4	35.9	39.7
42.5°	4.7	8.0	9.8	10.4	14.7	19.4	25.0	30.1	33.4	37.5	41.7
40°	4.7	8.1	9.8	10.9	15.1	20.0	26.4	32.0	35.9	39.7	44.3
37.5°	4.7	8.1	9.8	11.4	15.6	20.6	27.9	34.0	39.1	43.5	47.6
35°	4.7	8.2	9.8	12.0	16.0	21.6	29.4	36.2	42.4	48.2	52.2
32.5°	4.7	8.2	9.8	12.6	16.4	22.7	31.0	38.5	45.9	53.5	60.8
30°	4.7	8.3	9.8	13.2	16.8	23.9	32.8	41.1	49.6	59.2	70.8
27.5°	4.7	8.3	9.9	13.8	18.0	25.0	34.7	44.0	53.7	65.5	81.9
25°	4.7	8.4	9.9	14.4	19.3	26.1	36.6	47.0	58.8	73.8	95.4
22.5°	4.7	8.4	10.0	15.0	20.8	27.7	38.4	50.0	64.0	83.6	140.0
20°	4.7	8.4	10.0	15.6	22.2	30.7	40.3	52.9	69.3	93.8	190.0
17.5°	4.7	8.4	10.1	16.3	23.7	33.7	43.7	55.9	74.7	104.3	244.1
15°	4.7	8.4	10.2	16.9	25.3	36.8	48.1	60.3	80.2	115.0	301.0
12.5°	4.7	8.4	10.3	17.4	26.8	39.8	52.5	66.7	88.6	125.6	359.3
10°	4.7	8.4	10.3	18.0	28.4	42.9	56.8	73.1	99.4	142.1	414.3
7.5°	4.7	8.3	10.4	18.5	29.9	45.8	61.0	79.4	110.2	159.1	459.0
5°	4.7	8.3	10.5	19.0	31.3	48.6	65.1	85.6	120.8	175.7	498.0
2.5°	4.7	8.2	10.5	19.5	32.7	51.3	69.0	91.6	131.0	191.5	530.8
0°	4.7	8.2	10.6	19.9	34.0	53.9	72.7	97.3	140.7	206.4	557.0
-2.5°	4.7	8.3	11.4	22.3	39.5	64.4	90.9	127.9	188.5	276.1	629.7
-5°	4.7	8.5	12.2	24.7	44.9	74.7	108.7	157.8	234.8	343.5	695.2
-7.5°	4.7	8.6	13.0	27.0	50.0	84.5	125.8	186.4	279.1	407.7	753.7
-10°	4.7	8.7	13.7	29.1	54.8	93.7	142.0	213.4	320.5	467.8	805.0
-12.5°	4.7	8.9	14.4	31.1	59.2	102.2	157.1	238.2	358.6	522.8	852.8
-15°	4.7	9.0	15.1	32.9	63.3	109.9	170.8	260.6	394.6	572.4	893.8
-17.5°	4.7	9.1	15.7	34.5	66.9	116.7	183.1	284.5	429.4	616.3	925.6
-20°	4.7	9.1	16.2	35.8	69.9	122.5	196.4	308.9	460.0	653.9	947.6



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	9.2	16.7	37.0	72.4	127.2	212.4	330.2	486.2	684.8	959.8
-25°	4.7	9.2	17.1	37.8	74.3	134.4	226.0	348.1	507.7	708.5	961.9
-27.5°	4.7	9.3	17.5	38.4	75.6	141.6	237.0	362.3	524.2	727.1	984.7
-30°	4.7	9.3	17.7	38.7	76.5	147.2	245.4	372.7	538.3	743.7	999.1
-32.5°	4.7	9.3	17.9	38.7	79.4	151.2	251.0	381.6	548.9	753.6	1003.5
-35°	4.7	9.3	18.0	38.4	81.2	153.4	255.0	387.2	554.2	756.6	997.6
-37.5°	4.7	9.2	18.1	37.8	82.1	154.4	256.9	388.8	554.0	752.7	968.1
-40°	4.7	9.2	18.0	36.8	81.9	155.0	256.1	386.1	548.3	745.7	937.0
-42.5°	4.7	9.1	17.8	36.0	81.5	153.9	252.7	379.2	539.6	720.3	900.1
-45°	4.7	9.0	17.6	35.6	81.0	151.1	246.6	369.8	526.6	688.3	858.4
-47.5°	4.7	9.0	17.2	34.6	79.6	146.6	237.8	358.9	507.9	651.9	816.9
-50°	4.7	8.8	16.8	34.3	77.3	140.4	229.1	344.4	476.4	615.5	770.1
-52.5°	4.7	8.7	16.3	34.0	74.2	132.6	218.4	326.4	445.8	574.9	718.8
-55°	4.7	8.6	15.7	33.2	70.3	126.0	205.5	305.5	413.8	530.3	667.2
-57.5°	4.7	8.4	15.0	32.1	65.5	118.7	190.3	285.3	378.6	487.0	611.1
-60°	4.7	8.2	14.3	30.6	60.1	110.2	173.6	259.9	341.9	441.6	553.0
-62.5°	4.7	8.0	13.7	28.8	56.4	100.5	159.7	231.7	307.6	392.9	495.4
-65°	4.7	7.8	13.2	26.7	52.0	89.7	144.2	203.9	271.2	347.7	434.1
-67.5°	4.7	7.6	12.6	24.3	47.1	79.7	127.3	179.9	232.8	301.8	376.9
-70°	4.7	7.4	11.9	21.6	41.7	70.7	109.0	154.7	201.7	253.7	320.3
-72.5°	4.7	7.2	11.3	19.8	35.8	60.9	93.8	128.5	169.4	214.6	263.9
-75°	4.7	6.9	10.6	18.1	29.6	50.5	78.3	105.7	136.0	174.3	216.2
-77.5°	4.7	6.7	9.8	16.3	25.6	39.6	61.9	83.7	107.7	134.9	167.0
-80°	4.7	6.4	9.1	14.4	21.9	31.8	44.9	61.1	79.4	100.2	123.3
-82.5°	4.7	6.1	8.3	12.4	18.2	25.7	34.9	42.0	50.5	64.8	80.9
-85°	4.7	5.9	7.5	10.3	14.3	19.5	25.7	30.5	35.6	41.0	46.7
-87.5°	4.7	5.6	6.7	8.3	10.4	13.1	16.4	18.9	21.6	24.5	27.5
-90°	4.7	5.3	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5



REPORT NUMBER: P1305469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.2	8.2	8.2	8.2	8.5	8.8	9.1	9.4	10.0	10.6	11.1
87.5°	6.9	7.3	7.8	8.2	7.6	6.9	6.1	5.2	5.5	5.8	6.1
85°	10.3	11.1	12.2	12.9	12.3	11.9	11.5	11.3	11.9	12.4	12.8
82.5°	16.0	17.0	17.6	17.7	18.0	18.6	19.6	21.7	23.1	23.9	24.4
80°	22.3	23.0	23.5	25.0	27.8	31.1	34.8	38.8	40.1	40.2	39.8
77.5°	26.2	27.6	30.4	34.4	39.1	43.7	48.8	54.4	56.0	55.5	54.4
75°	28.4	31.8	36.6	42.6	48.7	54.9	61.6	67.8	69.6	67.6	65.0
72.5°	30.6	35.7	42.2	49.9	56.6	63.0	70.1	78.0	80.8	76.8	72.1
70°	32.8	39.2	46.6	54.2	61.8	69.1	76.1	83.7	88.1	81.9	72.4
67.5°	34.7	42.2	50.0	57.7	64.7	71.8	79.7	82.9	84.9	74.9	64.1
65°	36.9	44.8	51.9	58.8	66.2	69.2	71.7	74.5	74.1	62.6	51.1
62.5°	39.1	45.6	52.3	57.8	59.6	61.4	61.4	59.6	56.8	48.9	39.1
60°	39.9	45.5	50.1	52.0	52.5	50.7	48.5	46.3	42.9	36.2	29.5
57.5°	40.3	43.3	45.5	46.1	44.0	40.7	39.2	35.7	32.8	28.9	23.4
55°	40.1	39.7	41.0	39.9	37.5	34.8	32.1	29.8	26.2	25.0	22.5
52.5°	39.1	37.3	36.7	35.5	33.9	31.1	28.4	26.6	25.7	24.3	22.2
50°	38.7	36.4	33.6	33.5	32.2	30.2	27.3	26.9	27.0	25.7	23.3
47.5°	39.2	36.4	32.9	33.0	33.1	33.8	31.4	30.3	30.8	34.2	30.5
45°	40.5	39.0	35.3	35.2	38.5	42.9	46.8	36.0	46.9	52.3	56.5
42.5°	42.6	43.2	45.2	38.5	50.9	66.6	74.1	78.0	73.9	91.0	108.7
40°	47.3	48.9	62.1	67.2	72.5	105.0	150.0	160.4	121.9	169.5	199.0
37.5°	53.1	69.7	92.5	120.0	117.5	185.2	255.6	309.7	304.3	287.8	412.1
35°	59.8	95.2	156.6	218.0	244.9	309.0	439.0	533.1	589.1	622.8	725.2
32.5°	78.2	125.4	236.8	367.2	479.4	543.0	665.7	871.9	1067.1	1183.5	1182.4
30°	110.5	199.9	350.1	550.3	768.4	947.3	1048.8	1313.8	1685.7	1950.3	2126.6
27.5°	158.3	290.3	524.7	814.7	1120.3	1424.1	1626.5	1970.9	2471.4	2874.6	3251.2
25°	216.7	434.0	721.4	1129.3	1578.7	1964.5	2255.7	2734.4	3368.6	4000.9	4630.9
22.5°	309.7	600.9	939.7	1473.1	2084.5	2523.0	2950.7	3534.2	4267.7	5155.4	6116.0
20°	439.3	795.0	1172.7	1743.0	2590.3	3091.5	3616.7	4313.0	5168.5	6247.4	7530.0
17.5°	579.3	978.4	1401.3	2037.0	2863.7	3558.3	4263.4	5057.0	6015.7	7267.4	8649.0
15°	726.6	1150.8	1605.5	2299.5	3119.6	3870.1	4704.4	5736.6	6867.2	8220.7	9666.0
12.5°	877.6	1312.2	1786.5	2530.8	3364.0	4152.6	5042.4	6115.9	7431.1	9018.9	10536.0
10°	1028.5	1462.6	1945.5	2731.1	3593.2	4405.2	5332.6	6431.0	7769.1	9359.9	10999.7
7.5°	1121.1	1561.9	2075.5	2901.3	3803.4	4627.3	5576.3	6684.1	8003.2	9603.7	11293.7
5°	1191.1	1606.5	2143.1	3017.2	3969.6	4791.9	5766.4	6878.1	8144.2	9752.3	11517.0
2.5°	1245.6	1639.4	2197.0	3103.4	4095.2	4881.3	5879.6	7002.2	8291.1	9936.9	11742.4
0°	1284.0	1661.6	2236.2	3162.5	4189.7	4939.0	5953.4	7076.7	8393.6	10097.4	11943.1
-2.5°	1321.4	1730.3	2315.8	3237.9	4203.3	4947.6	5981.5	7079.8	8393.5	10066.3	11859.9
-5°	1344.8	1787.5	2378.7	3285.4	4189.4	4929.9	5966.0	7037.3	8302.1	9883.7	11551.7
-7.5°	1357.0	1831.2	2424.1	3292.6	4117.0	4825.9	5779.5	6786.6	8000.1	9482.3	11020.2
-10°	1363.5	1857.6	2419.3	3193.5	3966.7	4658.7	5530.5	6495.3	7638.5	9016.7	10439.7
-12.5°	1381.4	1871.9	2397.4	3085.3	3803.6	4469.7	5254.3	6168.0	7219.0	8496.2	9801.7
-15°	1391.1	1879.1	2366.9	2973.6	3632.0	4260.3	4955.4	5807.8	6764.6	7907.0	9065.4
-17.5°	1393.8	1880.4	2329.8	2863.6	3456.2	4032.1	4661.3	5499.1	6370.3	7356.8	8344.7
-20°	1390.7	1876.9	2287.7	2760.1	3283.5	3866.3	4501.5	5232.5	6012.3	6846.5	7669.5



REPORT NUMBER: P1305469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1383.0	1869.6	2252.3	2686.6	3200.5	3757.7	4342.0	4974.4	5645.5	6369.8	7204.6
-25°	1379.2	1842.7	2228.5	2634.7	3120.3	3643.5	4174.3	4736.2	5321.2	6079.8	6875.9
-27.5°	1373.1	1814.3	2182.0	2562.6	3027.4	3528.1	4025.9	4538.8	5139.4	5821.0	6559.7
-30°	1355.0	1745.8	2118.7	2478.1	2929.1	3411.5	3886.9	4374.5	4942.8	5585.3	6270.7
-32.5°	1304.1	1667.9	2034.6	2395.6	2810.8	3283.7	3743.4	4216.1	4743.3	5319.1	5978.5
-35°	1247.0	1587.7	1940.3	2293.3	2672.6	3128.7	3576.0	4032.8	4522.2	5062.4	5677.2
-37.5°	1205.5	1501.4	1839.2	2178.1	2542.1	2947.3	3385.9	3825.7	4289.0	4803.7	5385.2
-40°	1156.0	1409.5	1736.7	2061.0	2392.4	2766.0	3175.8	3597.8	4032.8	4546.1	5078.9
-42.5°	1100.7	1345.5	1630.5	1936.9	2249.4	2589.0	2954.7	3356.3	3792.7	4270.3	4770.5
-45°	1052.9	1273.6	1524.2	1811.0	2101.3	2408.9	2748.1	3107.2	3538.3	3982.5	4447.1
-47.5°	998.6	1198.5	1434.1	1677.8	1951.3	2234.9	2534.9	2884.7	3267.7	3683.7	4109.8
-50°	939.9	1130.4	1331.4	1558.0	1800.3	2060.0	2333.8	2653.0	3002.5	3374.3	3766.4
-52.5°	880.9	1055.3	1240.3	1437.6	1657.6	1891.0	2144.6	2428.9	2738.2	3063.9	3410.0
-55°	816.1	979.1	1147.4	1326.3	1518.2	1729.9	1956.7	2210.9	2476.8	2772.1	3063.1
-57.5°	749.6	897.0	1052.2	1217.9	1390.4	1570.4	1776.0	1991.2	2231.5	2483.9	2740.7
-60°	680.2	812.2	952.9	1105.2	1265.4	1427.6	1594.1	1784.8	1988.8	2198.6	2428.1
-62.5°	607.3	725.8	851.6	986.7	1133.4	1280.1	1429.4	1587.1	1752.4	1940.8	2132.4
-65°	535.1	637.1	749.2	869.3	995.0	1126.8	1260.7	1395.8	1540.4	1695.6	1856.8
-67.5°	459.0	551.2	647.5	749.5	861.1	973.0	1089.8	1211.9	1334.8	1460.6	1593.0
-70°	390.4	463.6	547.5	636.5	726.6	818.3	919.2	1024.1	1131.2	1238.2	1348.2
-72.5°	321.3	384.2	451.3	522.4	598.1	673.5	752.3	834.1	921.1	1011.2	1102.6
-75°	258.5	303.1	358.1	417.4	475.2	532.0	591.1	657.6	726.5	795.9	865.2
-77.5°	200.5	236.0	274.3	315.1	355.3	401.0	447.7	495.4	545.3	596.5	648.3
-80°	145.2	167.7	195.9	226.4	255.5	285.0	315.4	346.5	379.0	414.8	453.6
-82.5°	96.2	112.2	129.0	146.5	162.8	178.9	196.2	217.3	238.7	260.6	283.0
-85°	51.4	56.2	66.1	76.5	86.9	97.3	107.6	118.0	128.6	138.9	148.9
-87.5°	29.8	32.2	34.6	37.1	39.7	42.3	44.9	47.5	51.0	54.5	58.1
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.7	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.7
87.5°	6.4	5.9	5.5	5.0	4.5	5.9	7.3	8.8	10.3	9.5	8.7
85°	13.0	13.1	13.1	13.2	13.2	14.8	16.3	17.8	19.2	17.8	16.2
82.5°	24.5	24.2	23.3	22.1	20.5	20.1	19.6	18.8	17.9	17.1	16.4
80°	38.9	37.0	34.4	31.4	28.0	26.2	24.6	22.8	20.8	20.2	19.8
77.5°	52.3	48.7	44.4	39.7	34.8	31.7	28.8	25.8	22.6	21.6	21.1
75°	61.8	57.2	51.0	44.4	37.5	32.6	28.7	24.9	21.1	20.2	20.0
72.5°	66.7	60.3	52.5	43.2	34.4	28.6	24.9	21.7	18.8	17.8	17.4
70°	62.7	53.0	44.0	35.5	27.6	22.4	19.8	17.6	15.6	15.1	15.4
67.5°	53.0	43.2	35.0	27.7	21.4	17.2	15.7	14.5	13.6	13.2	13.2
65°	41.4	33.1	26.4	20.9	16.4	13.8	13.3	12.8	12.3	11.9	11.5
62.5°	30.5	24.3	20.0	16.9	14.5	12.9	12.5	12.0	11.4	10.8	10.4
60°	23.8	18.9	16.7	15.3	14.1	13.1	12.7	12.4	12.2	12.1	11.7
57.5°	20.7	18.2	16.2	15.4	14.8	14.3	14.0	13.8	13.4	12.9	12.4
55°	20.2	18.2	16.5	16.1	15.8	15.4	15.0	14.6	14.2	13.7	13.5
52.5°	20.2	19.4	18.1	17.5	17.7	17.3	16.3	16.8	16.9	16.4	16.2
50°	22.8	23.1	23.4	21.4	23.4	24.3	23.1	24.1	25.5	25.7	25.6
47.5°	32.4	34.5	37.3	35.2	37.8	41.7	41.3	41.6	45.1	45.5	45.4
45°	51.6	60.9	65.4	67.9	67.0	76.0	77.8	74.9	79.7	80.6	79.2
42.5°	103.4	108.6	120.3	129.5	124.2	133.6	136.3	127.9	136.1	139.8	135.8
40°	231.5	184.1	218.6	242.4	234.1	215.9	247.5	236.2	235.1	248.2	237.9
37.5°	457.1	405.8	441.1	509.1	506.6	421.1	516.5	510.3	429.0	525.4	517.0
35°	819.8	914.8	872.4	999.6	1036.4	1055.5	1108.5	1163.2	1103.3	1182.2	1180.2
32.5°	1467.9	1665.0	1752.1	1767.6	1930.7	2063.6	2007.4	2220.6	2207.5	2260.9	2315.4
30°	2317.5	2756.6	2978.9	2984.5	3255.2	3493.4	3568.9	3836.5	3994.8	3968.6	4233.6
27.5°	3697.5	4129.0	4495.0	4807.4	5018.3	5393.9	5916.7	6180.5	6569.4	6721.9	7088.4
25°	5256.9	5792.9	6370.8	6914.3	7360.7	8033.5	8684.2	9094.5	9650.9	10087.0	10530.2
22.5°	6946.1	7657.2	8398.7	9211.8	10042.0	10862.8	11653.1	12411.2	13153.1	13972.5	14473.5
20°	8673.2	9476.9	10379.4	11481.5	12633.2	13623.1	14702.6	15891.2	17027.6	18085.2	18884.1
17.5°	9985.6	11229.4	12207.2	13399.3	14829.6	16224.0	17600.3	19167.8	20613.5	21961.9	23164.6
15°	10987.9	12291.7	13708.8	15147.8	16654.5	18314.8	20208.0	21923.1	23709.0	25294.9	26780.3
12.5°	11861.4	13185.1	14668.2	16346.4	18246.9	20029.5	22013.5	24158.5	26053.3	27916.4	29310.0
10°	12506.2	13976.6	15480.1	17167.4	19105.5	21186.7	23336.9	25505.1	27629.6	29428.2	30925.4
7.5°	12861.9	14423.5	15996.5	17758.6	19751.1	21798.3	23946.2	26210.0	28348.5	30200.7	31575.7
5°	13151.4	14739.0	16293.8	18062.9	20139.0	22172.5	24230.2	26390.8	28629.9	30456.8	31887.4
2.5°	13404.1	14953.1	16469.8	18192.2	20331.7	22374.3	24490.0	26729.6	28894.9	30657.2	32049.8
0°	13623.4	15085.7	16569.0	18276.3	20513.7	22581.0	24662.4	26854.0	29059.7	30776.3	32185.9
-2.5°	13464.7	14898.5	16360.0	18105.3	20239.0	22272.6	24365.7	26585.0	28674.3	30413.1	31779.6
-5°	13051.0	14432.1	15883.4	17624.4	19661.1	21653.0	23718.2	25856.0	27819.9	29558.3	30815.3
-7.5°	12446.1	13798.1	15243.8	16957.5	18852.7	20660.6	22506.3	24487.9	26442.7	27977.6	29174.8
-10°	11773.7	13060.4	14391.1	15898.3	17576.5	19265.1	20961.0	22803.1	24525.5	25966.7	27119.2
-12.5°	10975.4	12118.4	13343.7	14658.2	16198.9	17807.1	19424.4	21037.9	22626.5	23922.9	24967.0
-15°	10113.1	11123.9	12242.9	13514.4	14887.1	16306.3	17765.2	19306.1	20736.7	21944.3	22864.9
-17.5°	9262.5	10167.6	11305.0	12461.0	13570.4	14871.7	16322.7	17596.9	18902.4	19986.9	20800.1
-20°	8541.4	9515.2	10504.2	11491.9	12551.6	13816.8	15047.0	16248.4	17408.5	18396.0	19204.5



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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°	8071.3	8926.9	9770.8	10705.1	11782.4	12898.9	14012.3	15104.5	16154.5	17092.5	17861.6
-25°	7643.9	8367.9	9203.6	10152.2	11061.9	12041.2	13092.4	14005.3	15001.4	15850.8	16508.8
-27.5°	7270.2	7986.7	8806.8	9660.0	10482.8	11365.5	12323.0	13194.3	14090.6	14907.4	15481.5
-30°	6944.8	7687.1	8458.3	9238.8	10013.7	10830.3	11662.6	12504.7	13327.1	14067.7	14619.5
-32.5°	6667.5	7363.9	8087.1	8813.5	9520.0	10263.9	11035.8	11810.1	12572.0	13220.0	13760.3
-35°	6352.3	7018.9	7690.9	8343.3	8997.7	9663.1	10379.5	11104.3	11786.0	12377.6	12905.0
-37.5°	6000.5	6642.8	7256.1	7849.9	8456.5	9071.8	9735.5	10401.3	11027.4	11563.0	12065.8
-40°	5650.4	6235.6	6791.1	7345.4	7901.5	8477.7	9077.9	9674.1	10223.7	10730.2	11198.9
-42.5°	5286.6	5798.9	6304.5	6820.4	7333.5	7853.1	8389.2	8931.4	9421.2	9883.2	10298.6
-45°	4919.6	5359.2	5805.9	6278.5	6746.9	7213.4	7677.6	8135.3	8593.9	9024.3	9375.2
-47.5°	4529.3	4926.0	5331.5	5737.9	6157.6	6583.4	6989.2	7385.5	7790.5	8175.2	8465.1
-50°	4135.4	4502.7	4869.2	5227.3	5598.3	5972.8	6342.6	6691.3	7030.6	7357.8	7584.4
-52.5°	3738.6	4078.3	4414.2	4738.0	5060.0	5379.2	5692.5	6001.8	6299.1	6579.6	6759.2
-55°	3361.9	3664.8	3960.1	4242.9	4527.1	4807.5	5083.8	5354.4	5611.0	5852.1	5990.7
-57.5°	3007.6	3271.4	3530.0	3773.5	4011.3	4242.3	4486.6	4732.5	4963.5	5170.7	5282.4
-60°	2662.3	2900.0	3121.9	3325.4	3529.4	3732.3	3938.0	4141.1	4338.9	4511.0	4607.1
-62.5°	2322.7	2525.8	2714.7	2889.8	3058.3	3225.9	3404.3	3575.6	3738.5	3871.3	3952.9
-65°	2025.2	2197.3	2338.7	2478.2	2616.5	2763.9	2912.1	3053.5	3187.4	3291.4	3360.1
-67.5°	1736.0	1877.5	1995.2	2110.9	2226.7	2343.9	2463.3	2578.9	2690.0	2774.1	2833.8
-70°	1461.0	1567.9	1660.1	1754.3	1850.3	1946.0	2041.9	2134.3	2222.5	2286.6	2334.6
-72.5°	1195.0	1277.6	1349.4	1422.5	1494.6	1568.8	1643.1	1714.5	1782.5	1828.4	1862.1
-75°	934.0	993.9	1051.5	1107.3	1161.0	1216.2	1270.9	1323.1	1372.6	1407.4	1435.1
-77.5°	703.1	745.7	783.3	820.1	855.9	894.2	931.7	967.1	1000.1	1024.3	1044.7
-80°	492.6	520.0	544.0	566.5	587.6	611.3	634.6	656.6	677.2	691.3	702.5
-82.5°	305.7	321.9	336.2	349.5	361.5	374.0	385.5	396.0	405.4	416.4	426.7
-85°	158.6	165.3	171.4	177.1	182.3	187.3	191.9	196.0	199.6	201.6	203.0
-87.5°	61.6	63.2	64.6	65.9	67.1	68.7	70.2	71.6	72.9	74.1	75.3
-90°	3.5	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3



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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°	14.9	15.2	15.2	15.2	15.2	15.2	14.9	14.7	14.4	14.1	13.8
87.5°	7.9	7.0	6.4	5.9	6.4	7.0	7.9	8.7	9.5	10.3	8.8
85°	14.6	12.9	11.7	10.6	11.7	12.9	14.6	16.2	17.8	19.2	17.8
82.5°	15.8	15.2	15.2	15.2	15.2	15.2	15.8	16.4	17.1	17.9	18.8
80°	19.3	18.8	19.3	19.9	19.3	18.8	19.3	19.8	20.2	20.8	22.8
77.5°	20.5	19.9	19.9	19.9	19.9	19.9	20.5	21.1	21.6	22.6	25.8
75°	19.9	19.9	19.4	18.8	19.4	19.9	19.9	20.0	20.2	21.1	24.9
72.5°	16.9	16.5	16.4	16.4	16.4	16.5	16.9	17.4	17.8	18.8	21.7
70°	15.8	16.3	15.8	15.2	15.8	16.3	15.8	15.4	15.1	15.6	17.6
67.5°	13.1	13.0	12.9	12.9	12.9	13.0	13.1	13.2	13.2	13.6	14.5
65°	11.1	10.7	10.6	10.6	10.6	10.7	11.1	11.5	11.9	12.3	12.8
62.5°	9.9	9.5	9.4	9.4	9.4	9.5	9.9	10.4	10.8	11.4	12.0
60°	11.3	10.7	10.1	9.4	10.1	10.7	11.3	11.7	12.1	12.2	12.4
57.5°	12.1	11.8	11.7	11.7	11.7	11.8	12.1	12.4	12.9	13.4	13.8
55°	13.2	13.0	12.9	12.9	12.9	13.0	13.2	13.5	13.7	14.2	14.6
52.5°	15.8	15.3	14.8	14.1	14.8	15.3	15.8	16.2	16.4	16.9	16.8
50°	25.1	23.9	23.3	23.5	23.3	23.9	25.1	25.6	25.7	25.5	24.1
47.5°	46.3	46.3	46.1	45.7	46.1	46.3	46.3	45.4	45.5	45.1	41.6
45°	78.8	75.6	72.6	71.5	72.6	75.6	78.8	79.2	80.6	79.7	74.9
42.5°	138.5	137.8	135.4	132.5	135.4	137.8	138.5	135.8	139.8	136.1	127.9
40°	240.6	237.4	231.7	233.3	231.7	237.4	240.6	237.9	248.2	235.1	236.2
37.5°	501.1	477.1	440.6	440.9	440.6	477.1	501.1	517.0	525.4	429.0	510.3
35°	1173.0	1192.7	1169.4	1169.1	1169.4	1192.7	1173.0	1180.2	1182.2	1103.3	1163.2
32.5°	2244.8	2212.1	2079.9	2011.0	2079.9	2212.1	2244.8	2315.4	2260.9	2207.5	2220.6
30°	4228.9	4249.9	4051.7	4056.1	4051.7	4249.9	4228.9	4233.6	3968.6	3994.8	3836.5
27.5°	7236.2	7397.2	7354.9	7284.3	7354.9	7397.2	7236.2	7088.4	6721.9	6569.4	6180.5
25°	10820.8	10942.0	10860.8	10811.5	10860.8	10942.0	10820.8	10530.2	10087.0	9650.9	9094.5
22.5°	14959.9	15128.7	15086.3	14872.2	15086.3	15128.7	14959.9	14473.5	13972.5	13153.1	12411.2
20°	19542.0	19831.2	19999.2	19891.0	19999.2	19831.2	19542.0	18884.1	18085.2	17027.6	15891.2
17.5°	24018.7	24391.6	24677.6	24773.8	24677.6	24391.6	24018.7	23164.6	21961.9	20613.5	19167.8
15°	27783.0	28316.3	28692.0	28825.2	28692.0	28316.3	27783.0	26780.3	25294.9	23709.0	21923.1
12.5°	30484.4	31178.6	31619.1	31751.5	31619.1	31178.6	30484.4	29310.0	27916.4	26053.3	24158.5
10°	31970.0	32845.0	33346.3	33555.5	33346.3	32845.0	31970.0	30925.4	29428.2	27629.6	25505.1
7.5°	32800.0	33590.3	34064.1	34134.2	34064.1	33590.3	32800.0	31575.7	30200.7	28348.5	26210.0
5°	33069.3	33787.3	34178.3	34214.5	34178.3	33787.3	33069.3	31887.4	30456.8	28629.9	26390.8
2.5°	33187.3	33794.1	34082.4	34008.7	34082.4	33794.1	33187.3	32049.8	30657.2	28894.9	26729.6
0°	33126.9	33669.2	33975.3	34021.0	33975.3	33669.2	33126.9	32185.9	30776.3	29059.7	26854.0
-2.5°	32635.0	33038.8	33255.8	33116.4	33255.8	33038.8	32635.0	31779.6	30413.1	28674.3	26585.0
-5°	31513.3	31803.9	31894.6	31945.5	31894.6	31803.9	31513.3	30815.3	29558.3	27819.9	25856.0
-7.5°	29892.2	30129.4	30218.9	30156.1	30218.9	30129.4	29892.2	29174.8	27977.6	26442.7	24487.9
-10°	27755.5	27972.8	28048.8	28005.5	28048.8	27972.8	27755.5	27119.2	25966.7	24525.5	22803.1
-12.5°	25592.7	25850.2	25909.3	25912.9	25909.3	25850.2	25592.7	24967.0	23922.9	22626.5	21037.9
-15°	23466.4	23760.9	23850.8	23929.5	23850.8	23760.9	23466.4	22864.9	21944.3	20736.7	19306.1
-17.5°	21377.2	21669.7	21745.6	21642.9	21745.6	21669.7	21377.2	20800.1	19986.9	18902.4	17596.9
-20°	19659.8	19811.4	19973.2	19971.9	19973.2	19811.4	19659.8	19204.5	18396.0	17408.5	16248.4



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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°	18241.5	18492.1	18629.9	18727.8	18629.9	18492.1	18241.5	17861.6	17092.5	16154.5	15104.5
-25°	16911.2	17124.1	17209.7	17274.9	17209.7	17124.1	16911.2	16508.8	15850.8	15001.4	14005.3
-27.5°	15886.5	16102.4	16224.6	16297.0	16224.6	16102.4	15886.5	15481.5	14907.4	14090.6	13194.3
-30°	15069.2	15281.4	15426.9	15518.4	15426.9	15281.4	15069.2	14619.5	14067.7	13327.1	12504.7
-32.5°	14188.5	14410.5	14562.2	14656.5	14562.2	14410.5	14188.5	13760.3	13220.0	12572.0	11810.1
-35°	13273.4	13495.4	13659.2	13736.0	13659.2	13495.4	13273.4	12905.0	12377.6	11786.0	11104.3
-37.5°	12384.3	12591.6	12736.3	12793.2	12736.3	12591.6	12384.3	12065.8	11563.0	11027.4	10401.3
-40°	11457.6	11653.2	11787.6	11839.9	11787.6	11653.2	11457.6	11198.9	10730.2	10223.7	9674.1
-42.5°	10523.1	10705.5	10829.6	10881.8	10829.6	10705.5	10523.1	10298.6	9883.2	9421.2	8931.4
-45°	9576.5	9738.8	9843.9	9883.9	9843.9	9738.8	9576.5	9375.2	9024.3	8593.9	8135.3
-47.5°	8644.7	8791.1	8881.4	8910.7	8881.4	8791.1	8644.7	8465.1	8175.2	7790.5	7385.5
-50°	7735.2	7855.1	7937.7	7984.3	7937.7	7855.1	7735.2	7584.4	7357.8	7030.6	6691.3
-52.5°	6894.0	7002.9	7067.7	7093.1	7067.7	7002.9	6894.0	6759.2	6579.6	6299.1	6001.8
-55°	6105.5	6199.7	6254.8	6277.0	6254.8	6199.7	6105.5	5990.7	5852.1	5611.0	5354.4
-57.5°	5377.4	5454.6	5506.5	5535.9	5506.5	5454.6	5377.4	5282.4	5170.7	4963.5	4732.5
-60°	4687.0	4750.2	4793.8	4819.4	4793.8	4750.2	4687.0	4607.1	4511.0	4338.9	4141.1
-62.5°	4020.5	4074.3	4109.6	4129.9	4109.6	4074.3	4020.5	3952.9	3871.3	3738.5	3575.6
-65°	3418.0	3465.2	3487.9	3496.7	3487.9	3465.2	3418.0	3360.1	3291.4	3187.4	3053.5
-67.5°	2885.0	2927.4	2942.8	2945.6	2942.8	2927.4	2885.0	2833.8	2774.1	2690.0	2578.9
-70°	2376.1	2410.7	2422.4	2423.8	2422.4	2410.7	2376.1	2334.6	2286.6	2222.5	2134.3
-72.5°	1889.9	1911.7	1928.5	1939.5	1928.5	1911.7	1889.9	1862.1	1828.4	1782.5	1714.5
-75°	1458.3	1477.0	1485.1	1488.0	1485.1	1477.0	1458.3	1435.1	1407.4	1372.6	1323.1
-77.5°	1062.0	1076.3	1079.5	1078.8	1079.5	1076.3	1062.0	1044.7	1024.3	1000.1	967.1
-80°	711.4	718.0	722.4	724.7	722.4	718.0	711.4	702.5	691.3	677.2	656.6
-82.5°	435.9	443.9	435.7	425.7	435.7	443.9	435.9	426.7	416.4	405.4	396.0
-85°	203.9	204.2	205.0	205.2	205.0	204.2	203.9	203.0	201.6	199.6	196.0
-87.5°	76.3	77.2	76.7	76.2	76.7	77.2	76.3	75.3	74.1	72.9	71.6
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.1	10.6	10.0	9.4
87.5°	7.3	5.9	4.5	5.0	5.5	5.9	6.4	6.1	5.8	5.5	5.2
85°	16.3	14.8	13.2	13.2	13.1	13.1	13.0	12.8	12.4	11.9	11.3
82.5°	19.6	20.1	20.5	22.1	23.3	24.2	24.5	24.4	23.9	23.1	21.7
80°	24.6	26.2	28.0	31.4	34.4	37.0	38.9	39.8	40.2	40.1	38.8
77.5°	28.8	31.7	34.8	39.7	44.4	48.7	52.3	54.4	55.5	56.0	54.4
75°	28.7	32.6	37.5	44.4	51.0	57.2	61.8	65.0	67.6	69.6	67.8
72.5°	24.9	28.6	34.4	43.2	52.5	60.3	66.7	72.1	76.8	80.8	78.0
70°	19.8	22.4	27.6	35.5	44.0	53.0	62.7	72.4	81.9	88.1	83.7
67.5°	15.7	17.2	21.4	27.7	35.0	43.2	53.0	64.1	74.9	84.9	82.9
65°	13.3	13.8	16.4	20.9	26.4	33.1	41.4	51.1	62.6	74.1	74.5
62.5°	12.5	12.9	14.5	16.9	20.0	24.3	30.5	39.1	48.9	56.8	59.6
60°	12.7	13.1	14.1	15.3	16.7	18.9	23.8	29.5	36.2	42.9	46.3
57.5°	14.0	14.3	14.8	15.4	16.2	18.2	20.7	23.4	28.9	32.8	35.7
55°	15.0	15.4	15.8	16.1	16.5	18.2	20.2	22.5	25.0	26.2	29.8
52.5°	16.3	17.3	17.7	17.5	18.1	19.4	20.2	22.2	24.3	25.7	26.6
50°	23.1	24.3	23.4	21.4	23.4	23.1	22.8	23.3	25.7	27.0	26.9
47.5°	41.3	41.7	37.8	35.2	37.3	34.5	32.4	30.5	34.2	30.8	30.3
45°	77.8	76.0	67.0	67.9	65.4	60.9	51.6	56.5	52.3	46.9	36.0
42.5°	136.3	133.6	124.2	129.5	120.3	108.6	103.4	108.7	91.0	73.9	78.0
40°	247.5	215.9	234.1	242.4	218.6	184.1	231.5	199.0	169.5	121.9	160.4
37.5°	516.5	421.1	506.6	509.1	441.1	405.8	457.1	412.1	287.8	304.3	309.7
35°	1108.5	1055.5	1036.4	999.6	872.4	914.8	819.8	725.2	622.8	589.1	533.1
32.5°	2007.4	2063.6	1930.7	1767.6	1752.1	1665.0	1467.9	1182.4	1183.5	1067.1	871.9
30°	3568.9	3493.4	3255.2	2984.5	2978.9	2756.6	2317.5	2126.6	1950.3	1685.7	1313.8
27.5°	5916.7	5393.9	5018.3	4807.4	4495.0	4129.0	3697.5	3251.2	2874.6	2471.4	1970.9
25°	8684.2	8033.5	7360.7	6914.3	6370.8	5792.9	5256.9	4630.9	4000.9	3368.6	2734.4
22.5°	11653.1	10862.8	10042.0	9211.8	8398.7	7657.2	6946.1	6116.0	5155.4	4267.7	3534.2
20°	14702.6	13623.1	12633.2	11481.5	10379.4	9476.9	8673.2	7530.0	6247.4	5168.5	4313.0
17.5°	17600.3	16224.0	14829.6	13399.3	12207.2	11229.4	9985.6	8649.0	7267.4	6015.7	5057.0
15°	20208.0	18314.8	16654.5	15147.8	13708.8	12291.7	10987.9	9666.0	8220.7	6867.2	5736.6
12.5°	22013.5	20029.5	18246.9	16346.4	14668.2	13185.1	11861.4	10536.0	9018.9	7431.1	6115.9
10°	23336.9	21186.7	19105.5	17167.4	15480.1	13976.6	12506.2	10999.7	9359.9	7769.1	6431.0
7.5°	23946.2	21798.3	19751.1	17758.6	15996.5	14423.5	12861.9	11293.7	9603.7	8003.2	6684.1
5°	24230.2	22172.5	20139.0	18062.9	16293.8	14739.0	13151.4	11517.0	9752.3	8144.2	6878.1
2.5°	24490.0	22374.3	20331.7	18192.2	16469.8	14953.1	13404.1	11742.4	9936.9	8291.1	7002.2
0°	24662.4	22581.0	20513.7	18276.3	16569.0	15085.7	13623.4	11943.1	10097.4	8393.6	7076.7
-2.5°	24365.7	22272.6	20239.0	18105.3	16360.0	14898.5	13464.7	11859.9	10066.3	8393.5	7079.8
-5°	23718.2	21653.0	19661.1	17624.4	15883.4	14432.1	13051.0	11551.7	9883.7	8302.1	7037.3
-7.5°	22506.3	20660.6	18852.7	16957.5	15243.8	13798.1	12446.1	11020.2	9482.3	8000.1	6786.6
-10°	20961.0	19265.1	17576.5	15898.3	14391.1	13060.4	11773.7	10439.7	9016.7	7638.5	6495.3
-12.5°	19424.4	17807.1	16198.9	14658.2	13343.7	12118.4	10975.4	9801.7	8496.2	7219.0	6168.0
-15°	17765.2	16306.3	14887.1	13514.4	12242.9	11123.9	10113.1	9065.4	7907.0	6764.6	5807.8
-17.5°	16322.7	14871.7	13570.4	12461.0	11305.0	10167.6	9262.5	8344.7	7356.8	6370.3	5499.1
-20°	15047.0	13816.8	12551.6	11491.9	10504.2	9515.2	8541.4	7669.5	6846.5	6012.3	5232.5



REPORT NUMBER: P1305469 (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°	14012.3	12898.9	11782.4	10705.1	9770.8	8926.9	8071.3	7204.6	6369.8	5645.5	4974.4
-25°	13092.4	12041.2	11061.9	10152.2	9203.6	8367.9	7643.9	6875.9	6079.8	5321.2	4736.2
-27.5°	12323.0	11365.5	10482.8	9660.0	8806.8	7986.7	7270.2	6559.7	5821.0	5139.4	4538.8
-30°	11662.6	10830.3	10013.7	9238.8	8458.3	7687.1	6944.8	6270.7	5585.3	4942.8	4374.5
-32.5°	11035.8	10263.9	9520.0	8813.5	8087.1	7363.9	6667.5	5978.5	5319.1	4743.3	4216.1
-35°	10379.5	9663.1	8997.7	8343.3	7690.9	7018.9	6352.3	5677.2	5062.4	4522.2	4032.8
-37.5°	9735.5	9071.8	8456.5	7849.9	7256.1	6642.8	6000.5	5385.2	4803.7	4289.0	3825.7
-40°	9077.9	8477.7	7901.5	7345.4	6791.1	6235.6	5650.4	5078.9	4546.1	4032.8	3597.8
-42.5°	8389.2	7853.1	7333.5	6820.4	6304.5	5798.9	5286.6	4770.5	4270.3	3792.7	3356.3
-45°	7677.6	7213.4	6746.9	6278.5	5805.9	5359.2	4919.6	4447.1	3982.5	3538.3	3107.2
-47.5°	6989.2	6583.4	6157.6	5737.9	5331.5	4926.0	4529.3	4109.8	3683.7	3267.7	2884.7
-50°	6342.6	5972.8	5598.3	5227.3	4869.2	4502.7	4135.4	3766.4	3374.3	3002.5	2653.0
-52.5°	5692.5	5379.2	5060.0	4738.0	4414.2	4078.3	3738.6	3410.0	3063.9	2738.2	2428.9
-55°	5083.8	4807.5	4527.1	4242.9	3960.1	3664.8	3361.9	3063.1	2772.1	2476.8	2210.9
-57.5°	4486.6	4242.3	4011.3	3773.5	3530.0	3271.4	3007.6	2740.7	2483.9	2231.5	1991.2
-60°	3938.0	3732.3	3529.4	3325.4	3121.9	2900.0	2662.3	2428.1	2198.6	1988.8	1784.8
-62.5°	3404.3	3225.9	3058.3	2889.8	2714.7	2525.8	2322.7	2132.4	1940.8	1752.4	1587.1
-65°	2912.1	2763.9	2616.5	2478.2	2338.7	2197.3	2025.2	1856.8	1695.6	1540.4	1395.8
-67.5°	2463.3	2343.9	2226.7	2110.9	1995.2	1877.5	1736.0	1593.0	1460.6	1334.8	1211.9
-70°	2041.9	1946.0	1850.3	1754.3	1660.1	1567.9	1461.0	1348.2	1238.2	1131.2	1024.1
-72.5°	1643.1	1568.8	1494.6	1422.5	1349.4	1277.6	1195.0	1102.6	1011.2	921.1	834.1
-75°	1270.9	1216.2	1161.0	1107.3	1051.5	993.9	934.0	865.2	795.9	726.5	657.6
-77.5°	931.7	894.2	855.9	820.1	783.3	745.7	703.1	648.3	596.5	545.3	495.4
-80°	634.6	611.3	587.6	566.5	544.0	520.0	492.6	453.6	414.8	379.0	346.5
-82.5°	385.5	374.0	361.5	349.5	336.2	321.9	305.7	283.0	260.6	238.7	217.3
-85°	191.9	187.3	182.3	177.1	171.4	165.3	158.6	148.9	138.9	128.6	118.0
-87.5°	70.2	68.7	67.1	65.9	64.6	63.2	61.6	58.1	54.5	51.0	47.5
-90°	2.3	2.3	2.3	2.6	2.9	3.2	3.5	3.5	3.5	3.5	3.5



REPORT NUMBER: P1305469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.1	8.8	8.5	8.2	8.2	8.2	8.2	8.2	7.9	7.6	7.3
87.5°	6.1	6.9	7.6	8.2	7.8	7.3	6.9	6.5	6.7	6.9	7.1
85°	11.5	11.9	12.3	12.9	12.2	11.1	10.3	9.5	9.7	9.8	9.7
82.5°	19.6	18.6	18.0	17.7	17.6	17.0	16.0	14.6	13.2	12.6	12.4
80°	34.8	31.1	27.8	25.0	23.5	23.0	22.3	20.8	17.7	15.5	14.3
77.5°	48.8	43.7	39.1	34.4	30.4	27.6	26.2	25.5	21.9	18.2	15.8
75°	61.6	54.9	48.7	42.6	36.6	31.8	28.4	26.3	23.4	20.6	17.2
72.5°	70.1	63.0	56.6	49.9	42.2	35.7	30.6	27.0	24.1	21.1	18.2
70°	76.1	69.1	61.8	54.2	46.6	39.2	32.8	28.4	24.7	21.7	18.7
67.5°	79.7	71.8	64.7	57.7	50.0	42.2	34.7	29.9	26.1	22.2	19.1
65°	71.7	69.2	66.2	58.8	51.9	44.8	36.9	31.6	27.4	23.4	19.5
62.5°	61.4	61.4	59.6	57.8	52.3	45.6	39.1	33.7	28.7	24.5	20.3
60°	48.5	50.7	52.5	52.0	50.1	45.5	39.9	35.6	30.3	25.5	21.2
57.5°	39.2	40.7	44.0	46.1	45.5	43.3	40.3	36.5	31.7	26.6	22.1
55°	32.1	34.8	37.5	39.9	41.0	39.7	40.1	37.1	32.8	27.6	23.2
52.5°	28.4	31.1	33.9	35.5	36.7	37.3	39.1	37.7	33.4	28.5	24.3
50°	27.3	30.2	32.2	33.5	33.6	36.4	38.7	37.8	34.0	29.1	25.6
47.5°	31.4	33.8	33.1	33.0	32.9	36.4	39.2	38.5	34.6	29.7	26.9
45°	46.8	42.9	38.5	35.2	35.3	39.0	40.5	39.7	35.9	31.4	28.4
42.5°	74.1	66.6	50.9	38.5	45.2	43.2	42.6	41.7	37.5	33.4	30.1
40°	150.0	105.0	72.5	67.2	62.1	48.9	47.3	44.3	39.7	35.9	32.0
37.5°	255.6	185.2	117.5	120.0	92.5	69.7	53.1	47.6	43.5	39.1	34.0
35°	439.0	309.0	244.9	218.0	156.6	95.2	59.8	52.2	48.2	42.4	36.2
32.5°	665.7	543.0	479.4	367.2	236.8	125.4	78.2	60.8	53.5	45.9	38.5
30°	1048.8	947.3	768.4	550.3	350.1	199.9	110.5	70.8	59.2	49.6	41.1
27.5°	1626.5	1424.1	1120.3	814.7	524.7	290.3	158.3	81.9	65.5	53.7	44.0
25°	2255.7	1964.5	1578.7	1129.3	721.4	434.0	216.7	95.4	73.8	58.8	47.0
22.5°	2950.7	2523.0	2084.5	1473.1	939.7	600.9	309.7	140.0	83.6	64.0	50.0
20°	3616.7	3091.5	2590.3	1743.0	1172.7	795.0	439.3	190.0	93.8	69.3	52.9
17.5°	4263.4	3558.3	2863.7	2037.0	1401.3	978.4	579.3	244.1	104.3	74.7	55.9
15°	4704.4	3870.1	3119.6	2299.5	1605.5	1150.8	726.6	301.0	115.0	80.2	60.3
12.5°	5042.4	4152.6	3364.0	2530.8	1786.5	1312.2	877.6	359.3	125.6	88.6	66.7
10°	5332.6	4405.2	3593.2	2731.1	1945.5	1462.6	1028.5	414.3	142.1	99.4	73.1
7.5°	5576.3	4627.3	3803.4	2901.3	2075.5	1561.9	1121.1	459.0	159.1	110.2	79.4
5°	5766.4	4791.9	3969.6	3017.2	2143.1	1606.5	1191.1	498.0	175.7	120.8	85.6
2.5°	5879.6	4881.3	4095.2	3103.4	2197.0	1639.4	1245.6	530.8	191.5	131.0	91.6
0°	5953.4	4939.0	4189.7	3162.5	2236.2	1661.6	1284.0	557.0	206.4	140.7	97.3
-2.5°	5981.5	4947.6	4203.3	3237.9	2315.8	1730.3	1321.4	629.7	276.1	188.5	127.9
-5°	5966.0	4929.9	4189.4	3285.4	2378.7	1787.5	1344.8	695.2	343.5	234.8	157.8
-7.5°	5779.5	4825.9	4117.0	3292.6	2424.1	1831.2	1357.0	753.7	407.7	279.1	186.4
-10°	5530.5	4658.7	3966.7	3193.5	2419.3	1857.6	1363.5	805.0	467.8	320.5	213.4
-12.5°	5254.3	4469.7	3803.6	3085.3	2397.4	1871.9	1381.4	852.8	522.8	358.6	238.2
-15°	4955.4	4260.3	3632.0	2973.6	2366.9	1879.1	1391.1	893.8	572.4	394.6	260.6
-17.5°	4661.3	4032.1	3456.2	2863.6	2329.8	1880.4	1393.8	925.6	616.3	429.4	284.5
-20°	4501.5	3866.3	3283.5	2760.1	2287.7	1876.9	1390.7	947.6	653.9	460.0	308.9



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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°	4342.0	3757.7	3200.5	2686.6	2252.3	1869.6	1383.0	959.8	684.8	486.2	330.2
-25°	4174.3	3643.5	3120.3	2634.7	2228.5	1842.7	1379.2	961.9	708.5	507.7	348.1
-27.5°	4025.9	3528.1	3027.4	2562.6	2182.0	1814.3	1373.1	984.7	727.1	524.2	362.3
-30°	3886.9	3411.5	2929.1	2478.1	2118.7	1745.8	1355.0	999.1	743.7	538.3	372.7
-32.5°	3743.4	3283.7	2810.8	2395.6	2034.6	1667.9	1304.1	1003.5	753.6	548.9	381.6
-35°	3576.0	3128.7	2672.6	2293.3	1940.3	1587.7	1247.0	997.6	756.6	554.2	387.2
-37.5°	3385.9	2947.3	2542.1	2178.1	1839.2	1501.4	1205.5	968.1	752.7	554.0	388.8
-40°	3175.8	2766.0	2392.4	2061.0	1736.7	1409.5	1156.0	937.0	745.7	548.3	386.1
-42.5°	2954.7	2589.0	2249.4	1936.9	1630.5	1345.5	1100.7	900.1	720.3	539.6	379.2
-45°	2748.1	2408.9	2101.3	1811.0	1524.2	1273.6	1052.9	858.4	688.3	526.6	369.8
-47.5°	2534.9	2234.9	1951.3	1677.8	1434.1	1198.5	998.6	816.9	651.9	507.9	358.9
-50°	2333.8	2060.0	1800.3	1558.0	1331.4	1130.4	939.9	770.1	615.5	476.4	344.4
-52.5°	2144.6	1891.0	1657.6	1437.6	1240.3	1055.3	880.9	718.8	574.9	445.8	326.4
-55°	1956.7	1729.9	1518.2	1326.3	1147.4	979.1	816.1	667.2	530.3	413.8	305.5
-57.5°	1776.0	1570.4	1390.4	1217.9	1052.2	897.0	749.6	611.1	487.0	378.6	285.3
-60°	1594.1	1427.6	1265.4	1105.2	952.9	812.2	680.2	553.0	441.6	341.9	259.9
-62.5°	1429.4	1280.1	1133.4	986.7	851.6	725.8	607.3	495.4	392.9	307.6	231.7
-65°	1260.7	1126.8	995.0	869.3	749.2	637.1	535.1	434.1	347.7	271.2	203.9
-67.5°	1089.8	973.0	861.1	749.5	647.5	551.2	459.0	376.9	301.8	232.8	179.9
-70°	919.2	818.3	726.6	636.5	547.5	463.6	390.4	320.3	253.7	201.7	154.7
-72.5°	752.3	673.5	598.1	522.4	451.3	384.2	321.3	263.9	214.6	169.4	128.5
-75°	591.1	532.0	475.2	417.4	358.1	303.1	258.5	216.2	174.3	136.0	105.7
-77.5°	447.7	401.0	355.3	315.1	274.3	236.0	200.5	167.0	134.9	107.7	83.7
-80°	315.4	285.0	255.5	226.4	195.9	167.7	145.2	123.3	100.2	79.4	61.1
-82.5°	196.2	178.9	162.8	146.5	129.0	112.2	96.2	80.9	64.8	50.5	42.0
-85°	107.6	97.3	86.9	76.5	66.1	56.2	51.4	46.7	41.0	35.6	30.5
-87.5°	44.9	42.3	39.7	37.1	34.6	32.2	29.8	27.5	24.5	21.6	18.9
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.8	4.1	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.0	6.7	6.5	6.2	5.9	5.3	4.7
87.5°	7.1	6.8	6.5	6.4	6.3	5.5	4.7
85°	9.6	8.6	7.7	7.1	6.7	5.7	4.7
82.5°	11.9	10.3	9.0	7.9	7.1	5.8	4.7
80°	14.1	12.0	10.1	8.6	7.5	6.0	4.7
77.5°	14.6	13.2	11.3	9.4	7.9	6.2	4.7
75°	15.1	13.4	12.2	10.1	8.3	6.3	4.7
72.5°	15.5	13.6	12.3	10.8	8.6	6.5	4.7
70°	15.9	13.8	12.3	11.3	9.0	6.7	4.7
67.5°	16.4	13.9	12.2	11.2	9.3	6.8	4.7
65°	16.8	14.2	12.2	11.1	9.7	7.0	4.7
62.5°	17.3	14.7	12.1	10.9	10.0	7.1	4.7
60°	17.8	15.1	12.0	10.8	10.3	7.2	4.7
57.5°	18.7	15.6	12.4	10.6	10.2	7.4	4.7
55°	19.6	16.1	12.8	10.4	10.1	7.5	4.7
52.5°	20.5	16.6	13.2	10.2	10.0	7.6	4.7
50°	21.4	17.3	13.6	10.0	9.9	7.7	4.7
47.5°	22.3	18.0	14.0	9.9	9.9	7.8	4.7
45°	23.6	18.7	14.3	10.2	9.8	7.9	4.7
42.5°	25.0	19.4	14.7	10.4	9.8	8.0	4.7
40°	26.4	20.0	15.1	10.9	9.8	8.1	4.7
37.5°	27.9	20.6	15.6	11.4	9.8	8.1	4.7
35°	29.4	21.6	16.0	12.0	9.8	8.2	4.7
32.5°	31.0	22.7	16.4	12.6	9.8	8.2	4.7
30°	32.8	23.9	16.8	13.2	9.8	8.3	4.7
27.5°	34.7	25.0	18.0	13.8	9.9	8.3	4.7
25°	36.6	26.1	19.3	14.4	9.9	8.4	4.7
22.5°	38.4	27.7	20.8	15.0	10.0	8.4	4.7
20°	40.3	30.7	22.2	15.6	10.0	8.4	4.7
17.5°	43.7	33.7	23.7	16.3	10.1	8.4	4.7
15°	48.1	36.8	25.3	16.9	10.2	8.4	4.7
12.5°	52.5	39.8	26.8	17.4	10.3	8.4	4.7
10°	56.8	42.9	28.4	18.0	10.3	8.4	4.7
7.5°	61.0	45.8	29.9	18.5	10.4	8.3	4.7
5°	65.1	48.6	31.3	19.0	10.5	8.3	4.7
2.5°	69.0	51.3	32.7	19.5	10.5	8.2	4.7
0°	72.7	53.9	34.0	19.9	10.6	8.2	4.7
-2.5°	90.9	64.4	39.5	22.3	11.4	8.3	4.7
-5°	108.7	74.7	44.9	24.7	12.2	8.5	4.7
-7.5°	125.8	84.5	50.0	27.0	13.0	8.6	4.7
-10°	142.0	93.7	54.8	29.1	13.7	8.7	4.7
-12.5°	157.1	102.2	59.2	31.1	14.4	8.9	4.7
-15°	170.8	109.9	63.3	32.9	15.1	9.0	4.7
-17.5°	183.1	116.7	66.9	34.5	15.7	9.1	4.7
-20°	196.4	122.5	69.9	35.8	16.2	9.1	4.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	212.4	127.2	72.4	37.0	16.7	9.2	4.7
-25°	226.0	134.4	74.3	37.8	17.1	9.2	4.7
-27.5°	237.0	141.6	75.6	38.4	17.5	9.3	4.7
-30°	245.4	147.2	76.5	38.7	17.7	9.3	4.7
-32.5°	251.0	151.2	79.4	38.7	17.9	9.3	4.7
-35°	255.0	153.4	81.2	38.4	18.0	9.3	4.7
-37.5°	256.9	154.4	82.1	37.8	18.1	9.2	4.7
-40°	256.1	155.0	81.9	36.8	18.0	9.2	4.7
-42.5°	252.7	153.9	81.5	36.0	17.8	9.1	4.7
-45°	246.6	151.1	81.0	35.6	17.6	9.0	4.7
-47.5°	237.8	146.6	79.6	34.6	17.2	9.0	4.7
-50°	229.1	140.4	77.3	34.3	16.8	8.8	4.7
-52.5°	218.4	132.6	74.2	34.0	16.3	8.7	4.7
-55°	205.5	126.0	70.3	33.2	15.7	8.6	4.7
-57.5°	190.3	118.7	65.5	32.1	15.0	8.4	4.7
-60°	173.6	110.2	60.1	30.6	14.3	8.2	4.7
-62.5°	159.7	100.5	56.4	28.8	13.7	8.0	4.7
-65°	144.2	89.7	52.0	26.7	13.2	7.8	4.7
-67.5°	127.3	79.7	47.1	24.3	12.6	7.6	4.7
-70°	109.0	70.7	41.7	21.6	11.9	7.4	4.7
-72.5°	93.8	60.9	35.8	19.8	11.3	7.2	4.7
-75°	78.3	50.5	29.6	18.1	10.6	6.9	4.7
-77.5°	61.9	39.6	25.6	16.3	9.8	6.7	4.7
-80°	44.9	31.8	21.9	14.4	9.1	6.4	4.7
-82.5°	34.9	25.7	18.2	12.4	8.3	6.1	4.7
-85°	25.7	19.5	14.3	10.3	7.5	5.9	4.7
-87.5°	16.4	13.1	10.4	8.3	6.7	5.6	4.7
-90°	4.7	5.0	5.3	5.6	5.9	5.3	4.7

(END OF REPORT)