

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: P1306155 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

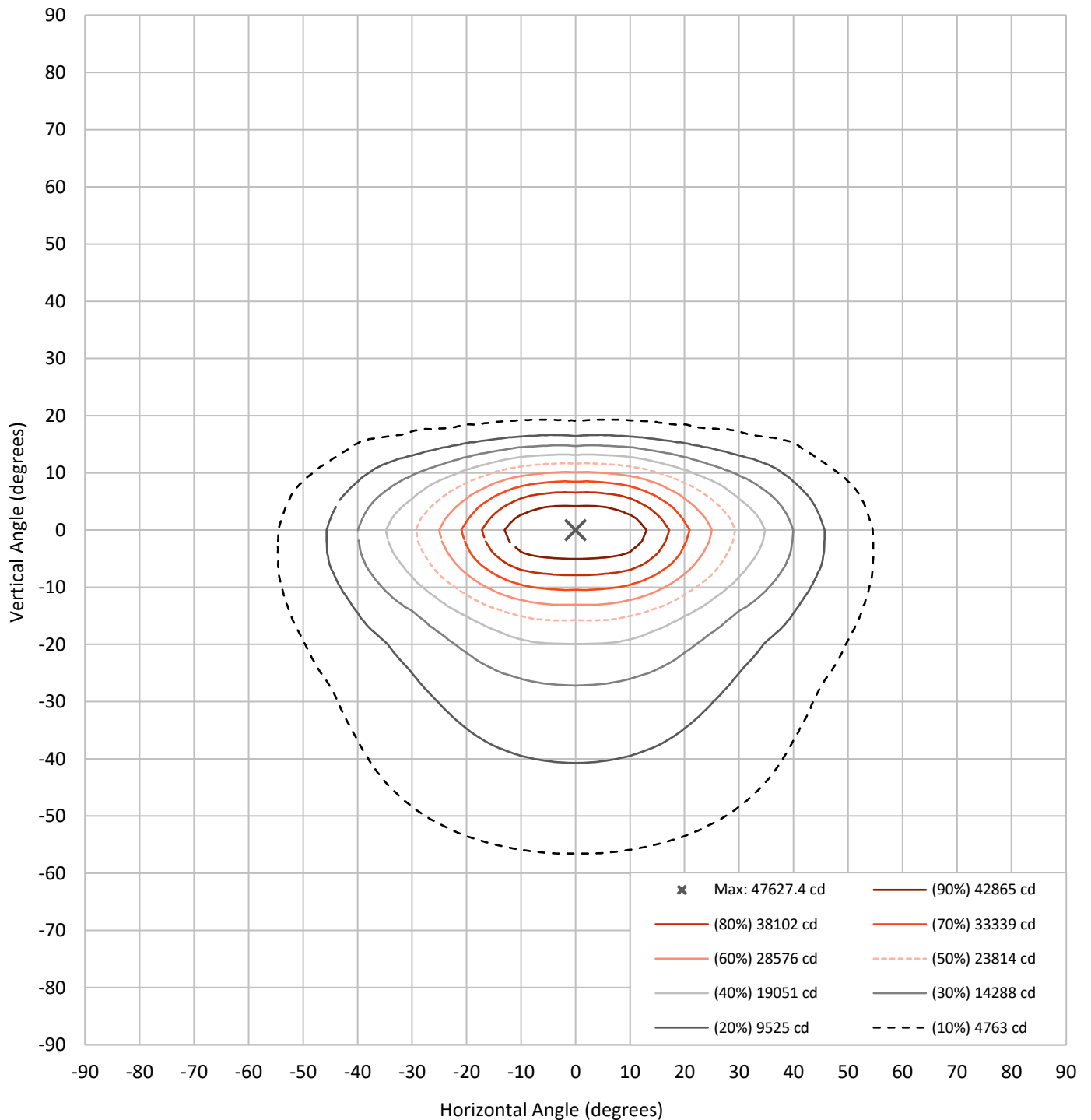
Test Method: LM-79-08
Report Number: P1306155 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	32046.8 lumens	Max Intensity:	47627.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 27.3°V	Field Angle (10%):	109.1°H x 75.6°V
Beam Lumens:	12650.8 lumens	Field Lumens:	28201.8 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
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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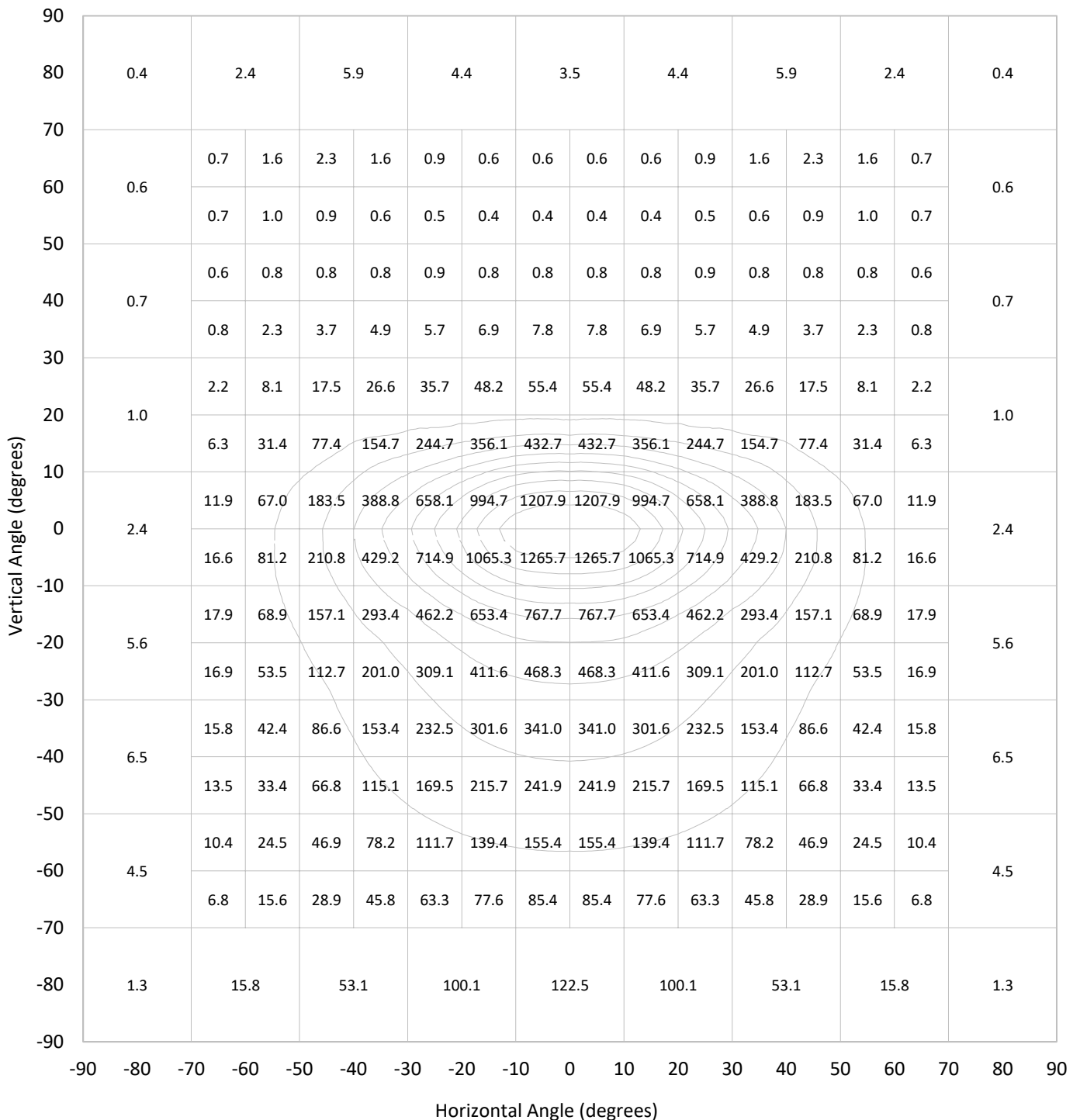
Iso-Candela Plot





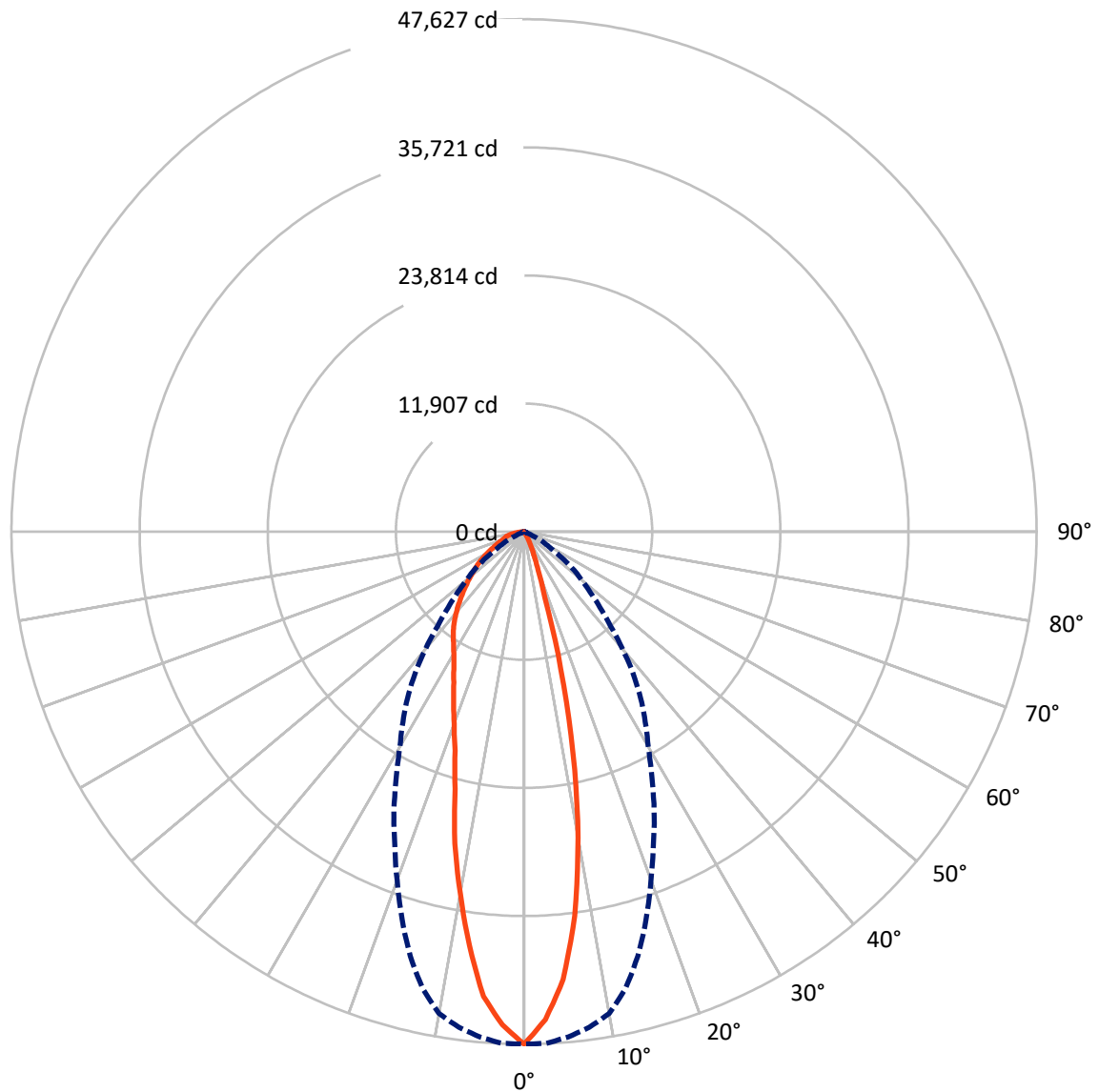
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Lumen Table



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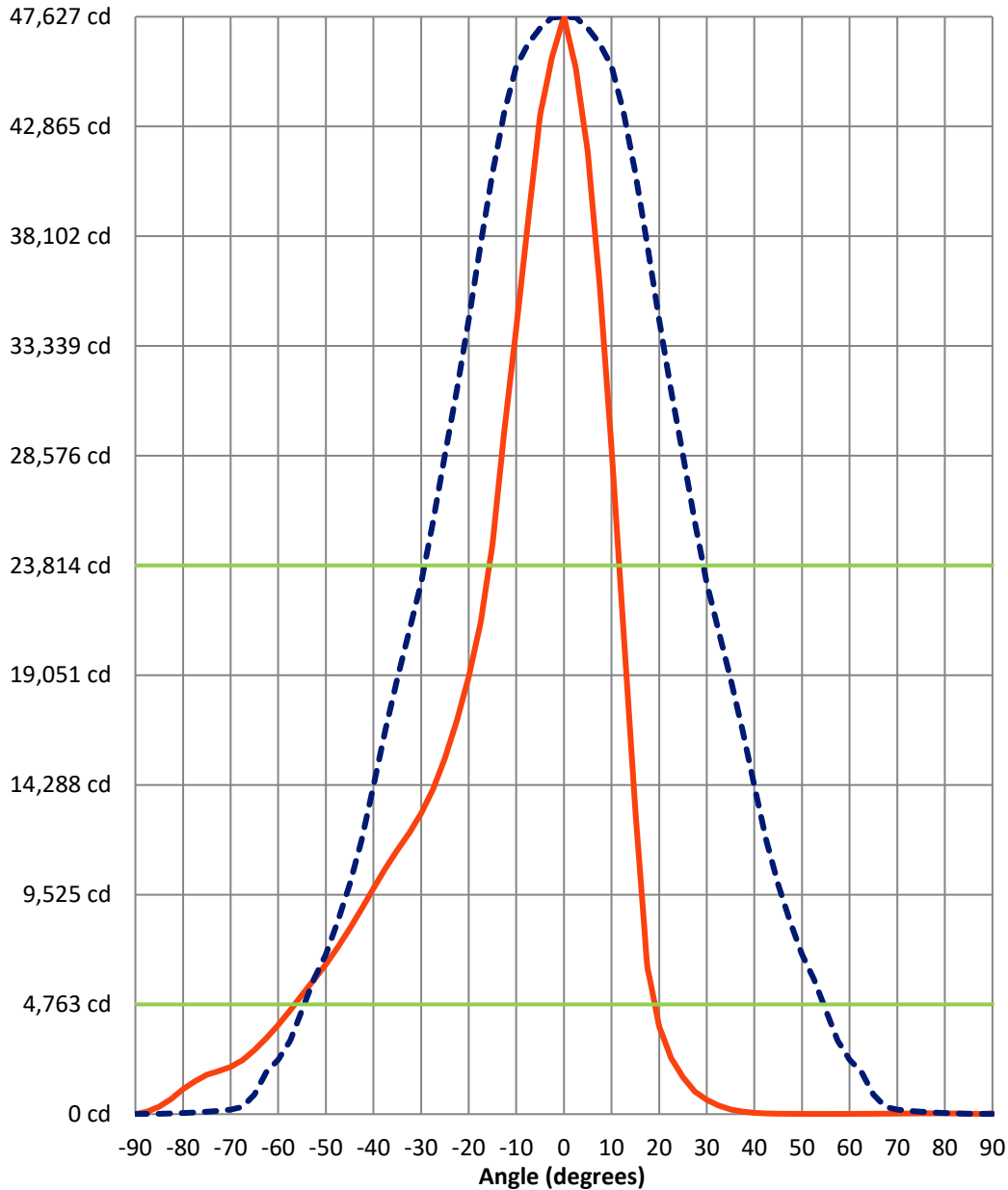
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 27.3°
 Lumens: 12650.8
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 28201.8
 Efficiency: 88.0%

Spill:
 Lumens: 3845
 Efficiency: 12.0%

— Vertical Distribution through 0-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°	6.9	7.8	8.7	9.1	9.6	10.0	10.4	10.8	11.3	11.7	12.1
87.5°	6.9	7.2	7.7	8.2	8.9	9.6	10.5	10.7	10.8	10.7	10.6
85°	6.9	7.5	8.4	9.5	10.8	12.3	14.1	14.5	14.6	14.6	14.3
82.5°	6.9	7.8	9.2	10.8	12.7	15.0	17.6	18.3	18.7	20.0	22.5
80°	6.9	8.1	9.9	12.1	14.7	17.7	20.9	21.8	24.1	27.8	33.0
77.5°	6.9	8.4	10.6	13.3	16.5	19.7	22.5	25.1	29.3	35.4	41.5
75°	6.9	8.7	11.3	14.5	18.1	20.5	24.0	28.1	33.9	38.9	44.0
72.5°	6.9	9.0	12.0	15.7	18.4	21.3	25.4	30.5	35.6	40.9	46.4
70°	6.9	9.2	12.7	16.7	18.6	22.0	26.7	31.8	37.1	42.7	48.1
67.5°	6.9	9.5	13.3	16.6	18.8	22.5	27.7	32.9	38.5	44.1	49.6
65°	6.9	9.8	14.0	16.5	18.9	23.3	28.7	34.0	39.7	45.4	51.5
62.5°	6.9	10.0	14.6	16.3	19.0	24.2	29.7	34.9	40.7	46.8	54.5
60°	6.9	10.3	15.1	16.1	18.9	25.2	30.7	35.7	41.7	49.0	57.2
57.5°	6.9	10.5	15.0	15.9	19.7	26.1	31.9	36.6	43.1	51.0	58.2
55°	6.9	10.7	14.8	15.6	20.4	27.0	33.1	37.8	44.5	52.4	58.4
52.5°	6.9	10.9	14.7	15.3	21.2	27.9	34.3	39.4	45.7	52.4	58.4
50°	6.9	11.1	14.6	14.9	21.9	29.1	35.6	41.0	46.4	52.4	55.6
47.5°	6.9	11.3	14.5	14.8	22.6	30.3	37.0	42.6	46.2	52.2	52.7
45°	6.9	11.5	14.5	15.3	23.3	31.5	38.4	44.3	47.3	50.2	50.3
42.5°	6.9	11.6	14.4	15.7	23.9	32.7	39.9	45.7	48.6	48.4	47.9
40°	6.9	11.7	14.4	16.5	24.7	33.9	41.3	46.9	49.8	47.2	45.9
37.5°	6.9	11.9	14.4	17.4	25.6	35.1	42.7	48.3	50.7	48.4	44.2
35°	6.9	12.0	14.4	18.3	26.4	36.2	44.1	49.8	52.1	50.5	44.5
32.5°	6.9	12.1	14.4	19.3	27.3	37.3	45.4	51.3	53.8	53.8	53.3
30°	6.9	12.2	14.5	20.2	28.1	38.3	46.6	52.9	55.9	58.2	64.2
27.5°	6.9	12.2	14.5	21.1	29.8	39.2	47.8	54.6	58.9	63.7	77.1
25°	6.9	12.3	14.6	22.0	31.7	40.1	49.0	56.4	63.1	72.9	93.4
22.5°	6.9	12.3	14.7	22.9	33.6	41.7	50.2	58.4	67.8	84.5	146.4
20°	6.9	12.3	14.8	23.8	35.4	44.9	51.5	60.5	73.0	97.0	206.9
17.5°	6.9	12.4	14.9	24.7	37.3	48.4	55.9	62.8	78.6	110.3	273.4
15°	6.9	12.4	15.0	25.5	39.1	51.9	62.6	69.1	84.5	124.0	344.0
12.5°	6.9	12.3	15.1	26.3	40.9	55.5	69.7	80.8	98.1	138.0	417.0
10°	6.9	12.3	15.2	27.0	42.6	59.1	76.9	92.9	117.9	170.9	498.7
7.5°	6.9	12.3	15.3	27.7	44.2	62.7	84.2	105.3	138.0	207.1	595.9
5°	6.9	12.2	15.4	28.3	45.8	66.2	91.5	117.7	158.2	243.3	689.2
2.5°	6.9	12.2	15.5	28.9	47.2	69.5	98.7	130.0	178.0	279.0	776.4
0°	6.9	12.1	15.6	29.4	48.5	72.7	105.6	141.9	197.3	313.2	854.9
-2.5°	6.9	12.4	16.8	33.0	56.6	88.5	133.2	187.4	266.3	408.4	951.1
-5°	6.9	12.6	18.0	36.5	64.6	103.8	160.0	231.7	333.5	500.3	1036.5
-7.5°	6.9	12.8	19.1	39.8	72.1	118.5	185.7	274.3	397.9	587.8	1111.1
-10°	6.9	13.1	20.2	42.9	79.3	132.4	210.0	314.5	458.5	669.8	1175.4
-12.5°	6.9	13.3	21.3	45.9	85.9	145.4	232.4	351.6	514.6	742.0	1201.5
-15°	6.9	13.4	22.3	48.5	91.9	157.1	252.8	385.2	560.4	785.9	1207.2
-17.5°	6.9	13.6	23.2	50.8	97.3	167.6	270.8	414.4	595.3	824.2	1207.3
-20°	6.9	13.8	24.0	52.9	101.9	176.5	287.7	439.7	626.1	856.5	1202.9



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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°	6.9	13.9	24.8	54.5	105.7	183.8	304.8	461.3	652.5	882.6	1195.0
-25°	6.9	14.0	25.4	55.8	108.6	193.2	319.3	479.2	674.3	902.3	1184.4
-27.5°	6.9	14.0	26.0	56.7	110.6	202.3	331.2	493.0	691.2	918.5	1200.7
-30°	6.9	14.1	26.4	57.1	112.0	209.4	340.2	502.6	704.8	934.6	1210.2
-32.5°	6.9	14.1	26.8	57.1	115.6	214.4	346.4	511.2	713.7	944.5	1211.5
-35°	6.9	14.1	27.0	56.7	117.9	217.2	351.2	516.8	717.0	948.2	1204.4
-37.5°	6.9	14.1	27.1	55.8	118.8	218.6	353.6	518.4	714.5	945.4	1165.1
-40°	6.9	14.0	27.1	54.4	118.4	219.0	352.7	516.0	706.1	936.6	1123.9
-42.5°	6.9	13.9	26.9	53.1	117.5	217.2	348.5	509.4	696.7	898.6	1076.9
-45°	6.9	13.8	26.7	52.2	116.4	213.2	341.1	499.5	684.3	853.2	1024.6
-47.5°	6.9	13.6	26.3	50.6	114.1	206.9	330.5	486.4	666.1	804.0	969.0
-50°	6.9	13.5	25.8	50.1	110.6	198.4	318.8	468.9	626.6	758.5	908.9
-52.5°	6.9	13.3	25.1	49.6	105.8	187.7	304.4	447.2	584.9	708.9	845.1
-55°	6.9	13.0	24.4	48.6	99.9	178.2	286.9	421.7	540.8	655.3	783.5
-57.5°	6.9	12.8	23.5	47.0	92.9	167.5	266.4	394.6	494.2	600.8	717.3
-60°	6.9	12.5	22.6	45.0	85.0	155.1	243.9	358.6	446.4	544.1	648.8
-62.5°	6.9	12.2	21.7	42.5	79.8	141.1	223.9	319.1	401.1	484.8	580.9
-65°	6.9	11.9	20.8	39.5	73.8	125.5	201.7	280.7	354.5	430.4	510.1
-67.5°	6.9	11.5	19.8	36.2	67.0	111.4	177.4	247.2	306.7	376.6	446.3
-70°	6.9	11.2	18.8	32.5	59.6	98.9	151.4	213.1	268.3	321.6	385.0
-72.5°	6.9	10.8	17.6	29.7	51.5	85.5	130.2	178.4	229.5	278.6	325.8
-75°	6.9	10.4	16.5	27.1	42.9	71.1	108.8	147.5	190.1	235.4	278.9
-77.5°	6.9	10.0	15.3	24.4	37.1	56.0	86.2	117.0	151.6	190.6	231.6
-80°	6.9	9.6	14.0	21.5	31.9	45.2	62.7	85.8	112.1	142.1	175.6
-82.5°	6.9	9.1	12.7	18.5	26.5	36.6	48.9	59.3	71.8	92.5	115.8
-85°	6.9	8.7	11.4	15.4	20.9	27.9	36.2	43.3	50.8	58.9	67.5
-87.5°	6.9	8.3	10.0	12.3	15.2	18.9	23.4	27.1	31.1	35.3	39.9
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9



REPORT NUMBER: P1306155 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.5	13.0	13.4	13.8	15.1	16.4	17.7	19.0	21.2	23.4	25.5
87.5°	11.3	12.1	12.9	13.8	13.2	12.5	11.6	10.6	11.4	12.2	13.1
85°	15.7	17.3	19.5	21.3	21.2	21.3	21.6	22.1	23.6	24.9	25.9
82.5°	25.4	27.6	29.3	30.3	31.9	33.9	36.7	40.7	43.0	44.5	45.4
80°	36.2	38.1	39.7	42.6	47.7	53.7	60.2	67.1	69.5	69.7	69.0
77.5°	43.4	46.3	51.0	57.5	65.2	72.8	80.9	89.5	92.0	91.5	90.2
75°	48.2	53.8	60.9	69.7	79.1	88.8	98.9	108.3	110.9	108.2	104.4
72.5°	51.9	59.2	68.7	80.3	90.9	100.7	111.3	122.4	126.2	120.2	112.6
70°	54.4	63.8	75.2	87.4	99.5	110.1	120.0	130.7	136.8	126.5	111.6
67.5°	56.6	68.2	80.6	93.2	104.1	114.3	125.4	128.8	130.4	114.8	98.8
65°	59.7	72.1	83.5	94.6	106.3	109.7	112.1	114.5	112.0	94.3	76.8
62.5°	62.8	73.1	84.0	92.6	95.4	97.1	95.1	90.5	84.3	72.1	57.8
60°	63.8	72.9	79.9	82.5	83.3	79.7	74.2	68.7	62.2	52.1	42.3
57.5°	64.1	68.7	71.4	72.0	68.6	62.9	57.5	50.4	45.0	38.6	30.6
55°	62.6	61.7	62.9	60.8	56.0	49.9	43.6	38.7	32.3	28.5	23.9
52.5°	58.3	55.8	54.6	51.2	45.8	40.3	35.1	30.4	26.7	22.5	19.6
50°	54.4	51.1	47.5	43.3	39.2	35.5	29.7	26.3	23.2	20.0	17.3
47.5°	50.9	47.0	41.5	38.1	37.6	35.4	29.7	24.6	21.7	21.6	19.2
45°	47.7	44.5	38.2	38.9	40.0	40.0	35.9	24.0	26.7	27.3	25.9
42.5°	45.0	43.7	45.4	41.3	47.9	51.4	48.3	40.2	35.8	39.7	41.3
40°	45.4	44.7	59.8	59.4	60.4	69.7	74.3	68.5	52.7	62.5	67.0
37.5°	47.2	62.8	81.6	87.8	82.3	98.4	108.0	114.6	102.2	94.3	108.1
35°	50.1	85.5	113.5	126.6	127.4	136.6	161.7	172.0	163.8	151.2	162.3
32.5°	65.4	112.6	151.2	173.5	194.1	203.6	225.9	236.5	245.5	245.6	240.8
30°	98.0	148.4	195.0	225.5	274.8	319.6	309.8	312.1	345.3	379.0	395.3
27.5°	153.4	192.7	243.8	298.8	374.1	461.3	476.9	432.7	477.7	540.0	595.3
25°	223.2	326.7	295.8	386.2	511.6	632.6	696.9	727.6	666.1	756.6	887.4
22.5°	319.7	496.7	498.2	481.4	666.1	835.3	993.8	1145.6	1224.2	1125.7	1261.7
20°	449.8	678.3	751.6	832.8	897.3	1065.7	1339.3	1670.7	1974.1	2145.9	2067.2
17.5°	599.2	876.7	1044.7	1262.2	1477.0	1569.0	1743.2	2285.8	2874.9	3376.4	3646.0
15°	763.7	1088.6	1361.8	1735.8	2122.2	2413.4	2715.3	3181.5	3959.0	4817.0	5503.8
12.5°	938.6	1310.6	1696.8	2243.4	2817.4	3296.4	3834.6	4543.5	5440.6	6510.8	7629.5
10°	1118.8	1538.6	2043.2	2773.7	3548.1	4205.7	4975.9	5905.8	7051.3	8384.6	9790.7
7.5°	1309.7	1761.7	2384.6	3314.3	4297.9	5127.8	6123.7	7255.3	8645.3	10230.2	11925.3
5°	1494.7	1972.2	2669.3	3749.1	4906.5	5906.0	7169.4	8573.7	10203.5	12026.6	14024.2
2.5°	1667.1	2173.8	2939.0	4147.0	5400.3	6438.1	7790.8	9300.7	11139.2	13288.6	15599.0
0°	1822.4	2364.1	3189.6	4513.5	5856.5	6933.0	8360.7	9966.8	11882.6	14241.5	16669.6
-2.5°	1889.7	2463.4	3302.5	4568.1	5845.2	6942.0	8315.8	9954.2	11801.7	14050.8	16432.4
-5°	1937.3	2547.2	3391.6	4587.9	5796.1	6909.6	8219.9	9866.2	11544.7	13545.3	15679.0
-7.5°	1967.4	2613.8	3455.8	4554.3	5636.1	6655.8	7795.6	9198.0	10728.4	12509.2	14387.7
-10°	1973.7	2606.7	3359.3	4335.0	5325.1	6260.1	7275.9	8493.6	9862.2	11419.5	13052.7
-12.5°	1912.4	2534.5	3223.4	4100.1	5003.2	5849.1	6738.5	7773.1	8959.2	10297.9	11743.8
-15°	1845.8	2452.8	3077.2	3855.3	4678.2	5429.7	6192.8	7050.9	8103.2	9322.8	10569.8
-17.5°	1777.5	2363.0	2923.9	3606.0	4357.3	5008.4	5676.4	6491.3	7434.3	8462.1	9477.0
-20°	1710.4	2266.4	2766.2	3357.0	4045.5	4660.3	5311.8	6027.8	6819.4	7657.0	8463.9



REPORT NUMBER: P1306155 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1647.3	2164.3	2620.4	3148.3	3777.6	4367.2	4949.0	5564.2	6219.7	6897.9	7749.3
-25°	1605.1	2066.3	2493.2	2982.7	3526.1	4070.2	4583.4	5112.3	5676.5	6426.7	7215.3
-27.5°	1578.8	1982.9	2381.4	2816.3	3285.3	3777.3	4241.7	4708.2	5337.3	6012.2	6710.1
-30°	1553.1	1899.8	2265.0	2659.1	3086.1	3512.8	3912.7	4439.7	5026.2	5643.8	6264.5
-32.5°	1504.0	1812.7	2158.9	2523.6	2900.9	3270.4	3687.9	4206.2	4744.2	5287.1	5847.4
-35°	1443.1	1735.8	2054.8	2385.9	2724.2	3089.6	3512.9	3969.2	4463.4	4968.5	5521.4
-37.5°	1390.0	1652.1	1946.8	2255.6	2572.6	2932.5	3321.6	3748.0	4198.4	4670.7	5198.6
-40°	1331.1	1561.9	1844.6	2134.2	2431.8	2768.1	3134.7	3522.1	3936.7	4388.3	4862.1
-42.5°	1267.9	1490.3	1739.4	2009.6	2292.6	2600.2	2933.1	3297.4	3684.2	4095.3	4529.3
-45°	1209.2	1413.1	1632.4	1884.7	2146.5	2426.3	2734.9	3062.0	3428.5	3807.0	4198.0
-47.5°	1144.0	1332.7	1540.4	1751.4	1996.6	2254.5	2528.2	2837.6	3161.5	3513.0	3873.8
-50°	1073.7	1252.8	1435.6	1628.7	1843.2	2078.9	2328.9	2607.3	2907.1	3214.2	3538.8
-52.5°	1001.4	1166.0	1331.4	1503.5	1694.8	1904.2	2131.5	2377.9	2647.7	2929.3	3209.5
-55°	924.3	1076.3	1223.5	1379.9	1546.7	1733.2	1934.0	2153.7	2380.0	2636.5	2883.3
-57.5°	846.4	980.2	1114.1	1256.1	1404.8	1561.0	1743.9	1929.9	2134.0	2344.8	2550.4
-60°	765.8	882.6	1001.7	1129.9	1264.2	1405.7	1554.6	1720.7	1893.6	2064.2	2245.3
-62.5°	682.2	785.2	890.0	999.9	1120.6	1248.1	1381.1	1519.6	1662.1	1810.4	1956.8
-65°	601.5	688.8	780.3	876.5	973.2	1090.0	1207.8	1324.2	1448.8	1569.0	1686.3
-67.5°	519.4	602.2	679.1	754.1	843.3	943.6	1036.1	1141.6	1246.0	1344.8	1440.3
-70°	451.3	517.6	588.2	656.1	726.4	811.7	902.4	986.3	1065.3	1148.2	1237.7
-72.5°	385.8	449.7	508.8	563.1	634.2	714.1	788.5	857.8	933.1	1011.8	1084.2
-75°	325.8	381.5	439.2	492.6	551.9	621.5	696.6	767.1	831.1	894.8	960.8
-77.5°	268.1	310.0	358.5	413.2	472.0	526.2	585.5	649.4	709.2	770.0	834.4
-80°	205.9	235.7	268.6	306.6	350.3	398.1	449.4	504.0	551.9	595.9	639.3
-82.5°	138.5	161.3	184.3	207.6	232.0	257.7	286.1	320.9	351.9	383.0	414.7
-85°	76.7	86.3	102.1	118.0	131.6	145.9	161.0	176.8	191.5	206.0	220.1
-87.5°	44.7	49.7	55.0	60.5	64.1	67.6	70.9	74.1	78.2	82.3	86.2
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	27.7	28.1	28.6	29.0	29.4	30.7	32.0	33.3	34.6	34.2	33.8
87.5°	14.0	13.8	13.5	13.3	13.0	14.3	15.7	17.1	18.5	17.0	15.4
85°	26.6	26.8	26.8	26.7	26.5	28.3	30.1	31.8	33.5	31.0	28.2
82.5°	45.7	44.9	43.3	41.1	38.4	37.8	37.0	36.0	34.7	33.2	31.9
80°	67.8	64.6	60.4	55.5	50.0	47.1	44.4	41.3	37.9	36.9	36.1
77.5°	87.4	81.5	74.3	66.6	58.3	53.3	49.1	44.7	40.1	39.2	38.8
75°	99.9	92.2	81.8	71.0	59.9	52.8	47.8	42.8	37.9	36.5	35.8
72.5°	103.6	93.0	80.9	67.3	54.3	46.0	41.3	37.1	33.3	31.7	30.9
70°	97.0	82.8	69.3	56.3	44.3	36.7	33.4	30.5	28.1	27.0	26.6
67.5°	81.9	67.1	54.5	43.6	34.9	29.3	27.4	25.7	24.1	23.1	22.4
65°	62.3	50.6	41.5	34.2	28.7	25.2	23.6	22.2	20.8	19.7	18.9
62.5°	45.8	37.3	31.9	27.7	24.5	22.2	20.7	19.5	18.4	17.6	17.0
60°	34.5	28.7	25.3	22.7	20.6	19.1	18.3	17.5	16.7	16.0	15.3
57.5°	26.3	22.8	20.4	19.1	18.1	17.5	16.8	16.0	15.1	14.4	13.6
55°	20.8	19.0	17.6	17.2	16.8	16.2	15.4	14.7	13.8	12.8	12.0
52.5°	17.5	17.3	17.3	17.0	16.5	16.0	15.5	14.4	13.4	12.3	11.7
50°	17.3	17.4	17.5	17.2	16.7	16.2	15.7	14.9	14.2	13.4	13.0
47.5°	17.9	18.2	19.2	17.6	17.3	17.8	17.5	16.8	16.6	16.2	15.7
45°	21.1	24.8	25.7	24.4	21.4	23.8	23.0	20.3	21.9	21.7	20.4
42.5°	37.6	41.5	44.6	42.6	36.5	38.6	38.6	34.4	35.5	35.7	34.1
40°	71.8	70.4	75.3	73.3	66.7	64.2	67.0	62.3	61.4	63.7	60.9
37.5°	118.1	118.9	116.7	117.0	114.7	108.2	112.0	110.7	106.8	114.3	115.1
35°	184.7	190.4	172.4	179.5	182.6	175.6	180.0	192.6	184.6	201.9	206.7
32.5°	273.8	285.7	277.2	269.0	282.6	293.4	298.4	325.2	332.3	348.1	366.8
30°	383.8	414.6	439.0	423.8	422.0	460.3	482.4	518.3	553.2	574.0	612.2
27.5°	612.5	603.0	660.9	678.0	639.8	701.1	784.2	800.1	906.0	914.6	988.7
25°	968.0	963.0	980.4	1064.5	1085.8	1116.5	1259.1	1334.3	1455.9	1521.6	1578.5
22.5°	1445.3	1580.2	1603.1	1564.6	1749.2	1869.9	1909.8	2126.6	2225.8	2373.8	2418.3
20°	2042.3	2356.0	2752.4	2758.6	2682.7	3030.5	3174.6	3288.5	3530.9	3699.7	3814.2
17.5°	3607.4	3605.0	4414.6	4861.8	4811.3	5061.7	5770.2	5697.1	6269.6	6616.6	6631.3
15°	5904.5	6332.7	6846.4	7657.7	8348.2	8904.8	9577.6	10456.5	11168.3	12004.4	12639.2
12.5°	8532.5	9375.7	10255.0	11180.4	12264.1	13494.7	14833.0	16004.7	17398.4	18618.2	19879.5
10°	11165.6	12501.1	13742.1	15125.1	16665.3	18304.5	20267.3	21982.2	24044.0	25852.3	27041.1
7.5°	13580.1	15182.2	16859.4	18869.7	21019.5	23077.9	25300.0	27705.3	30117.4	32206.7	33980.9
5°	15940.1	17741.0	19600.0	21814.5	24271.2	26850.4	29600.1	32444.8	34972.3	37352.4	39424.0
2.5°	17791.4	19854.4	21978.2	24482.3	27125.4	29739.2	32491.8	35554.2	38493.6	41277.3	43405.5
0°	18891.7	20961.6	23045.3	25698.4	28600.7	31409.5	34477.9	37738.5	40841.5	43503.2	45476.2
-2.5°	18453.4	20469.5	22575.0	25196.1	27992.1	30609.4	33541.1	36699.5	39705.0	42400.7	44448.3
-5°	17462.4	19271.2	21201.2	23624.7	26240.6	28840.7	31715.0	34719.6	37312.3	39705.1	41541.0
-7.5°	16068.8	17737.5	19537.5	21781.3	24186.8	26457.4	28806.9	31230.9	33590.3	35636.7	37147.3
-10°	14588.7	16099.4	17648.8	19448.2	21498.3	23480.1	25462.5	27673.4	29617.9	31307.4	32553.1
-12.5°	13104.5	14345.4	15567.8	16943.7	18702.9	20486.5	22201.0	24054.9	25603.7	26997.6	28105.7
-15°	11679.8	12645.8	13573.4	14905.1	16454.2	17771.5	18826.5	20505.6	21557.0	22796.0	23570.8
-17.5°	10355.6	11127.0	12254.2	13398.9	14504.1	15586.7	16804.0	17798.1	18830.1	19842.2	20508.0
-20°	9313.6	10267.8	11220.5	12151.5	13100.9	14134.3	15097.8	16037.2	16936.7	17714.5	18248.3



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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°	8635.4	9482.4	10284.4	11122.2	12047.1	12914.8	13729.0	14594.0	15363.0	15943.8	16378.1
-25°	7984.1	8720.7	9501.1	10339.2	11121.8	11852.1	12601.9	13269.7	13925.9	14409.3	14815.8
-27.5°	7397.1	8096.0	8864.7	9607.6	10305.2	10987.8	11624.9	12178.1	12724.8	13111.5	13515.7
-30°	6886.5	7594.4	8293.6	8953.9	9609.2	10227.6	10789.3	11314.6	11773.3	12150.0	12488.8
-32.5°	6500.9	7142.7	7765.4	8383.2	9004.2	9574.3	10066.1	10570.5	10992.5	11353.7	11660.6
-35°	6119.5	6723.0	7298.6	7864.7	8436.3	8986.0	9462.1	9901.3	10316.7	10640.0	10921.2
-37.5°	5747.7	6310.4	6842.9	7352.1	7875.0	8381.8	8816.0	9228.7	9600.0	9898.7	10165.5
-40°	5373.1	5888.6	6364.6	6839.0	7308.9	7733.5	8141.7	8521.8	8839.9	9115.3	9358.1
-42.5°	4986.0	5439.9	5869.3	6303.5	6732.7	7108.4	7468.7	7810.1	8080.9	8325.0	8535.2
-45°	4597.5	4996.9	5390.3	5780.4	6133.6	6480.5	6807.0	7095.3	7339.5	7555.6	7737.9
-47.5°	4223.5	4563.0	4923.0	5278.6	5582.0	5879.0	6164.7	6409.1	6621.1	6810.2	6970.6
-50°	3849.8	4152.7	4466.8	4772.1	5050.2	5310.8	5550.2	5763.8	5957.1	6120.5	6258.1
-52.5°	3479.9	3761.1	4029.6	4277.8	4530.6	4770.2	4992.9	5179.6	5349.0	5500.2	5621.4
-55°	3126.7	3375.4	3626.4	3837.8	4042.1	4241.7	4427.2	4594.0	4747.4	4886.3	4995.0
-57.5°	2770.4	2987.4	3197.1	3386.6	3570.0	3746.1	3896.4	4027.1	4149.5	4261.7	4357.6
-60°	2426.6	2607.3	2784.5	2942.7	3095.4	3242.0	3370.0	3481.2	3579.8	3666.8	3745.4
-62.5°	2103.8	2259.1	2400.3	2528.0	2647.5	2767.0	2876.1	2972.3	3055.8	3127.4	3188.9
-65°	1807.0	1935.5	2048.4	2154.1	2253.4	2354.1	2441.7	2520.7	2591.0	2650.1	2697.5
-67.5°	1543.1	1643.7	1737.7	1819.5	1903.9	1989.6	2068.9	2138.1	2197.7	2245.0	2281.8
-70°	1320.5	1402.0	1486.3	1567.9	1648.3	1721.8	1790.4	1851.6	1906.2	1946.8	1979.3
-72.5°	1150.6	1219.3	1297.1	1379.4	1455.7	1528.9	1598.6	1663.4	1723.8	1762.5	1792.8
-75°	1028.6	1099.5	1169.1	1237.7	1305.3	1369.7	1434.6	1500.8	1567.6	1607.0	1638.7
-77.5°	893.8	943.5	995.2	1051.3	1110.8	1168.6	1225.1	1280.9	1335.6	1363.0	1383.9
-80°	685.3	724.9	763.8	803.2	842.8	883.5	924.4	965.1	1005.0	1023.5	1037.3
-82.5°	446.7	473.9	499.8	524.7	548.5	568.8	587.8	605.5	621.8	629.8	635.3
-85°	233.9	245.9	257.3	267.9	278.0	284.2	289.6	294.1	297.8	302.8	307.1
-87.5°	90.0	93.4	96.7	100.0	103.2	104.7	106.0	107.2	108.2	109.8	111.3
-90°	6.9	6.5	6.1	5.6	5.2	4.8	4.4	3.9	3.5	3.5	3.5



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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°	33.3	32.9	33.8	34.6	33.8	32.9	33.3	33.8	34.2	34.6	33.3
87.5°	13.7	12.1	11.2	10.4	11.2	12.1	13.7	15.4	17.0	18.5	17.1
85°	25.4	22.4	20.7	19.0	20.7	22.4	25.4	28.2	31.0	33.5	31.8
82.5°	30.6	29.3	29.4	29.4	29.4	29.3	30.6	31.9	33.2	34.7	36.0
80°	35.4	34.5	34.6	34.6	34.6	34.5	35.4	36.1	36.9	37.9	41.3
77.5°	38.4	38.1	37.2	36.3	37.2	38.1	38.4	38.8	39.2	40.1	44.7
75°	35.3	34.7	34.6	34.6	34.6	34.7	35.3	35.8	36.5	37.9	42.8
72.5°	30.2	29.6	29.4	29.4	29.4	29.6	30.2	30.9	31.7	33.3	37.1
70°	26.3	26.1	25.2	24.2	25.2	26.1	26.3	26.6	27.0	28.1	30.5
67.5°	21.7	21.1	20.8	20.8	20.8	21.1	21.7	22.4	23.1	24.1	25.7
65°	18.2	17.5	17.3	17.3	17.3	17.5	18.2	18.9	19.7	20.8	22.2
62.5°	16.4	15.8	14.8	13.8	14.8	15.8	16.4	17.0	17.6	18.4	19.5
60°	14.7	14.0	13.1	12.1	13.1	14.0	14.7	15.3	16.0	16.7	17.5
57.5°	13.0	12.4	12.1	12.1	12.1	12.4	13.0	13.6	14.4	15.1	16.0
55°	11.3	10.7	10.4	10.4	10.4	10.7	11.3	12.0	12.8	13.8	14.7
52.5°	11.2	10.6	10.4	10.4	10.4	10.6	11.2	11.7	12.3	13.4	14.4
50°	12.6	12.2	12.1	12.1	12.1	12.2	12.6	13.0	13.4	14.2	14.9
47.5°	15.1	14.3	13.8	13.8	13.8	14.3	15.1	15.7	16.2	16.6	16.8
45°	19.9	19.3	18.9	19.0	18.9	19.3	19.9	20.4	21.7	21.9	20.3
42.5°	34.5	33.5	32.1	31.2	32.1	33.5	34.5	34.1	35.7	35.5	34.4
40°	61.1	59.8	57.7	57.1	57.7	59.8	61.1	60.9	63.7	61.4	62.3
37.5°	116.7	115.8	112.0	110.8	112.0	115.8	116.7	115.1	114.3	106.8	110.7
35°	206.3	207.9	204.3	204.2	204.3	207.9	206.3	206.7	201.9	184.6	192.6
32.5°	373.0	377.0	366.5	372.1	366.5	377.0	373.0	366.8	348.1	332.3	325.2
30°	611.0	624.6	618.5	621.3	618.5	624.6	611.0	612.2	574.0	553.2	518.3
27.5°	996.0	1006.1	985.1	977.8	985.1	1006.1	996.0	988.7	914.6	906.0	800.1
25°	1610.5	1616.9	1596.4	1604.3	1596.4	1616.9	1610.5	1578.5	1521.6	1455.9	1334.3
22.5°	2508.7	2484.7	2461.9	2440.2	2461.9	2484.7	2508.7	2418.3	2373.8	2225.8	2126.6
20°	3920.6	3865.1	3857.7	3816.1	3857.7	3865.1	3920.6	3814.2	3699.7	3530.9	3288.5
17.5°	6985.2	7085.8	6862.6	6431.1	6862.6	7085.8	6985.2	6631.3	6616.6	6269.6	5697.1
15°	13013.0	13485.3	13688.2	13192.7	13688.2	13485.3	13013.0	12639.2	12004.4	11168.3	10456.5
12.5°	20575.7	20908.2	21310.8	21017.0	21310.8	20908.2	20575.7	19879.5	18618.2	17398.4	16004.7
10°	28062.2	28560.0	29169.5	28894.9	29169.5	28560.0	28062.2	27041.1	25852.3	24044.0	21982.2
7.5°	34957.3	35815.0	36350.5	36006.1	36350.5	35815.0	34957.3	33980.9	32206.7	30117.4	27705.3
5°	40841.8	41519.8	41842.7	41753.6	41842.7	41519.8	40841.8	39424.0	37352.4	34972.3	32444.8
2.5°	44615.5	45331.3	45620.5	45380.2	45620.5	45331.3	44615.5	43405.5	41277.3	38493.6	35554.2
0°	46460.0	47130.7	47591.0	47627.4	47591.0	47130.7	46460.0	45476.2	43503.2	40841.5	37738.5
-2.5°	45394.1	45801.6	46021.8	45875.1	46021.8	45801.6	45394.1	44448.3	42400.7	39705.0	36699.5
-5°	42602.5	43033.4	43173.2	43344.0	43173.2	43033.4	42602.5	41541.0	39705.1	37312.3	34719.6
-7.5°	37997.0	38469.7	38818.3	38803.7	38818.3	38469.7	37997.0	37147.3	35636.7	33590.3	31230.9
-10°	33479.7	33830.9	34194.6	34133.5	34194.6	33830.9	33479.7	32553.1	31307.4	29617.9	27673.4
-12.5°	29002.8	29588.8	29731.2	29688.4	29731.2	29588.8	29002.8	28105.7	26997.6	25603.7	24054.9
-15°	24452.8	24887.1	24851.4	24736.1	24851.4	24887.1	24452.8	23570.8	22796.0	21557.0	20505.6
-17.5°	21084.3	21323.7	21415.2	21325.0	21415.2	21323.7	21084.3	20508.0	19842.2	18830.1	17798.1
-20°	18687.3	18872.2	18934.6	18976.5	18934.6	18872.2	18687.3	18248.3	17714.5	16936.7	16037.2



REPORT NUMBER: P1306155 (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°	16752.2	16941.2	16996.0	17067.6	16996.0	16941.2	16752.2	16378.1	15943.8	15363.0	14594.0
-25°	15129.4	15314.1	15376.5	15447.7	15376.5	15314.1	15129.4	14815.8	14409.3	13925.9	13269.7
-27.5°	13786.7	13967.0	14042.1	14096.1	14042.1	13967.0	13786.7	13515.7	13111.5	12724.8	12178.1
-30°	12729.3	12906.9	13014.2	13049.1	13014.2	12906.9	12729.3	12488.8	12150.0	11773.3	11314.6
-32.5°	11890.4	12045.4	12146.3	12197.6	12146.3	12045.4	11890.4	11660.6	11353.7	10992.5	10570.5
-35°	11143.3	11298.9	11403.7	11456.9	11403.7	11298.9	11143.3	10921.2	10640.0	10316.7	9901.3
-37.5°	10379.2	10548.6	10659.5	10662.5	10659.5	10548.6	10379.2	10165.5	9898.7	9600.0	9228.7
-40°	9536.3	9670.6	9758.5	9793.7	9758.5	9670.6	9536.3	9358.1	9115.3	8839.9	8521.8
-42.5°	8690.8	8804.9	8876.2	8905.9	8876.2	8804.9	8690.8	8535.2	8325.0	8080.9	7810.1
-45°	7883.6	7998.6	8058.0	8049.2	8058.0	7998.6	7883.6	7737.9	7555.6	7339.5	7095.3
-47.5°	7093.8	7183.0	7231.8	7242.8	7231.8	7183.0	7093.8	6970.6	6810.2	6621.1	6409.1
-50°	6374.9	6469.5	6509.9	6498.6	6509.9	6469.5	6374.9	6258.1	6120.5	5957.1	5763.8
-52.5°	5721.3	5801.7	5836.6	5832.3	5836.6	5801.7	5721.3	5621.4	5500.2	5349.0	5179.6
-55°	5083.9	5153.4	5181.0	5176.4	5181.0	5153.4	5083.9	4995.0	4886.3	4747.4	4594.0
-57.5°	4437.1	4499.7	4518.2	4506.6	4518.2	4499.7	4437.1	4357.6	4261.7	4149.5	4027.1
-60°	3810.6	3862.1	3878.1	3871.5	3878.1	3862.1	3810.6	3745.4	3666.8	3579.8	3481.2
-62.5°	3239.7	3279.5	3295.9	3296.9	3295.9	3279.5	3239.7	3188.9	3127.4	3055.8	2972.3
-65°	2736.0	2765.5	2778.6	2781.1	2778.6	2765.5	2736.0	2697.5	2650.1	2591.0	2520.7
-67.5°	2311.5	2334.5	2342.5	2343.3	2342.5	2334.5	2311.5	2281.8	2245.0	2197.7	2138.1
-70°	2008.4	2034.0	2044.8	2050.8	2044.8	2034.0	2008.4	1979.3	1946.8	1906.2	1851.6
-72.5°	1821.1	1847.4	1859.9	1869.1	1859.9	1847.4	1821.1	1792.8	1762.5	1723.8	1663.4
-75°	1668.8	1696.8	1705.6	1709.9	1705.6	1696.8	1668.8	1638.7	1607.0	1567.6	1500.8
-77.5°	1401.9	1417.0	1422.6	1424.3	1422.6	1417.0	1401.9	1383.9	1363.0	1335.6	1280.9
-80°	1048.2	1056.2	1071.2	1083.4	1071.2	1056.2	1048.2	1037.3	1023.5	1005.0	965.1
-82.5°	638.7	640.1	648.9	655.9	648.9	640.1	638.7	635.3	629.8	621.8	605.5
-85°	310.7	313.5	320.6	327.1	320.6	313.5	310.7	307.1	302.8	297.8	294.1
-87.5°	112.7	113.9	113.3	112.5	113.3	113.9	112.7	111.3	109.8	108.2	107.2
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	32.0	30.7	29.4	29.0	28.6	28.1	27.7	25.5	23.4	21.2	19.0
87.5°	15.7	14.3	13.0	13.3	13.5	13.8	14.0	13.1	12.2	11.4	10.6
85°	30.1	28.3	26.5	26.7	26.8	26.8	26.6	25.9	24.9	23.6	22.1
82.5°	37.0	37.8	38.4	41.1	43.3	44.9	45.7	45.4	44.5	43.0	40.7
80°	44.4	47.1	50.0	55.5	60.4	64.6	67.8	69.0	69.7	69.5	67.1
77.5°	49.1	53.3	58.3	66.6	74.3	81.5	87.4	90.2	91.5	92.0	89.5
75°	47.8	52.8	59.9	71.0	81.8	92.2	99.9	104.4	108.2	110.9	108.3
72.5°	41.3	46.0	54.3	67.3	80.9	93.0	103.6	112.6	120.2	126.2	122.4
70°	33.4	36.7	44.3	56.3	69.3	82.8	97.0	111.6	126.5	136.8	130.7
67.5°	27.4	29.3	34.9	43.6	54.5	67.1	81.9	98.8	114.8	130.4	128.8
65°	23.6	25.2	28.7	34.2	41.5	50.6	62.3	76.8	94.3	112.0	114.5
62.5°	20.7	22.2	24.5	27.7	31.9	37.3	45.8	57.8	72.1	84.3	90.5
60°	18.3	19.1	20.6	22.7	25.3	28.7	34.5	42.3	52.1	62.2	68.7
57.5°	16.8	17.5	18.1	19.1	20.4	22.8	26.3	30.6	38.6	45.0	50.4
55°	15.4	16.2	16.8	17.2	17.6	19.0	20.8	23.9	28.5	32.3	38.7
52.5°	15.5	16.0	16.5	17.0	17.3	17.3	17.5	19.6	22.5	26.7	30.4
50°	15.7	16.2	16.7	17.2	17.5	17.4	17.3	17.3	20.0	23.2	26.3
47.5°	17.5	17.8	17.3	17.6	19.2	18.2	17.9	19.2	21.6	21.7	24.6
45°	23.0	23.8	21.4	24.4	25.7	24.8	21.1	25.9	27.3	26.7	24.0
42.5°	38.6	38.6	36.5	42.6	44.6	41.5	37.6	41.3	39.7	35.8	40.2
40°	67.0	64.2	66.7	73.3	75.3	70.4	71.8	67.0	62.5	52.7	68.5
37.5°	112.0	108.2	114.7	117.0	116.7	118.9	118.1	108.1	94.3	102.2	114.6
35°	180.0	175.6	182.6	179.5	172.4	190.4	184.7	162.3	151.2	163.8	172.0
32.5°	298.4	293.4	282.6	269.0	277.2	285.7	273.8	240.8	245.6	245.5	236.5
30°	482.4	460.3	422.0	423.8	439.0	414.6	383.8	395.3	379.0	345.3	312.1
27.5°	784.2	701.1	639.8	678.0	660.9	603.0	612.5	595.3	540.0	477.7	432.7
25°	1259.1	1116.5	1085.8	1064.5	980.4	963.0	968.0	887.4	756.6	666.1	727.6
22.5°	1909.8	1869.9	1749.2	1564.6	1603.1	1580.2	1445.3	1261.7	1125.7	1224.2	1145.6
20°	3174.6	3030.5	2682.7	2758.6	2752.4	2356.0	2042.3	2067.2	2145.9	1974.1	1670.7
17.5°	5770.2	5061.7	4811.3	4861.8	4414.6	3605.0	3607.4	3646.0	3376.4	2874.9	2285.8
15°	9577.6	8904.8	8348.2	7657.7	6846.4	6332.7	5904.5	5503.8	4817.0	3959.0	3181.5
12.5°	14833.0	13494.7	12264.1	11180.4	10255.0	9375.7	8532.5	7629.5	6510.8	5440.6	4543.5
10°	20267.3	18304.5	16665.3	15125.1	13742.1	12501.1	11165.6	9790.7	8384.6	7051.3	5905.8
7.5°	25300.0	23077.9	21019.5	18869.7	16859.4	15182.2	13580.1	11925.3	10230.2	8645.3	7255.3
5°	29600.1	26850.4	24271.2	21814.5	19600.0	17741.0	15940.1	14024.2	12026.6	10203.5	8573.7
2.5°	32491.8	29739.2	27125.4	24482.3	21978.2	19854.4	17791.4	15599.0	13288.6	11139.2	9300.7
0°	34477.9	31409.5	28600.7	25698.4	23045.3	20961.6	18891.7	16669.6	14241.5	11882.6	9966.8
-2.5°	33541.1	30609.4	27992.1	25196.1	22575.0	20469.5	18453.4	16432.4	14050.8	11801.7	9954.2
-5°	31715.0	28840.7	26240.6	23624.7	21201.2	19271.2	17462.4	15679.0	13545.3	11544.7	9866.2
-7.5°	28806.9	26457.4	24186.8	21781.3	19537.5	17737.5	16068.8	14387.7	12509.2	10728.4	9198.0
-10°	25462.5	23480.1	21498.3	19448.2	17648.8	16099.4	14588.7	13052.7	11419.5	9862.2	8493.6
-12.5°	22201.0	20486.5	18702.9	16943.7	15567.8	14345.4	13104.5	11743.8	10297.9	8959.2	7773.1
-15°	18826.5	17771.5	16454.2	14905.1	13573.4	12645.8	11679.8	10569.8	9322.8	8103.2	7050.9
-17.5°	16804.0	15586.7	14504.1	13398.9	12254.2	11127.0	10355.6	9477.0	8462.1	7434.3	6491.3
-20°	15097.8	14134.3	13100.9	12151.5	11220.5	10267.8	9313.6	8463.9	7657.0	6819.4	6027.8



REPORT NUMBER: P1306155 (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°	13729.0	12914.8	12047.1	11122.2	10284.4	9482.4	8635.4	7749.3	6897.9	6219.7	5564.2
-25°	12601.9	11852.1	11121.8	10339.2	9501.1	8720.7	7984.1	7215.3	6426.7	5676.5	5112.3
-27.5°	11624.9	10987.8	10305.2	9607.6	8864.7	8096.0	7397.1	6710.1	6012.2	5337.3	4708.2
-30°	10789.3	10227.6	9609.2	8953.9	8293.6	7594.4	6886.5	6264.5	5643.8	5026.2	4439.7
-32.5°	10066.1	9574.3	9004.2	8383.2	7765.4	7142.7	6500.9	5847.4	5287.1	4744.2	4206.2
-35°	9462.1	8986.0	8436.3	7864.7	7298.6	6723.0	6119.5	5521.4	4968.5	4463.4	3969.2
-37.5°	8816.0	8381.8	7875.0	7352.1	6842.9	6310.4	5747.7	5198.6	4670.7	4198.4	3748.0
-40°	8141.7	7733.5	7308.9	6839.0	6364.6	5888.6	5373.1	4862.1	4388.3	3936.7	3522.1
-42.5°	7468.7	7108.4	6732.7	6303.5	5869.3	5439.9	4986.0	4529.3	4095.3	3684.2	3297.4
-45°	6807.0	6480.5	6133.6	5780.4	5390.3	4996.9	4597.5	4198.0	3807.0	3428.5	3062.0
-47.5°	6164.7	5879.0	5582.0	5278.6	4923.0	4563.0	4223.5	3873.8	3513.0	3161.5	2837.6
-50°	5550.2	5310.8	5050.2	4772.1	4466.8	4152.7	3849.8	3538.8	3214.2	2907.1	2607.3
-52.5°	4992.9	4770.2	4530.6	4277.8	4029.6	3761.1	3479.9	3209.5	2929.3	2647.7	2377.9
-55°	4427.2	4241.7	4042.1	3837.8	3626.4	3375.4	3126.7	2883.3	2636.5	2380.0	2153.7
-57.5°	3896.4	3746.1	3570.0	3386.6	3197.1	2987.4	2770.4	2550.4	2344.8	2134.0	1929.9
-60°	3370.0	3242.0	3095.4	2942.7	2784.5	2607.3	2426.6	2245.3	2064.2	1893.6	1720.7
-62.5°	2876.1	2767.0	2647.5	2528.0	2400.3	2259.1	2103.8	1956.8	1810.4	1662.1	1519.6
-65°	2441.7	2354.1	2253.4	2154.1	2048.4	1935.5	1807.0	1686.3	1569.0	1448.8	1324.2
-67.5°	2068.9	1989.6	1903.9	1819.5	1737.7	1643.7	1543.1	1440.3	1344.8	1246.0	1141.6
-70°	1790.4	1721.8	1648.3	1567.9	1486.3	1402.0	1320.5	1237.7	1148.2	1065.3	986.3
-72.5°	1598.6	1528.9	1455.7	1379.4	1297.1	1219.3	1150.6	1084.2	1011.8	933.1	857.8
-75°	1434.6	1369.7	1305.3	1237.7	1169.1	1099.5	1028.6	960.8	894.8	831.1	767.1
-77.5°	1225.1	1168.6	1110.8	1051.3	995.2	943.5	893.8	834.4	770.0	709.2	649.4
-80°	924.4	883.5	842.8	803.2	763.8	724.9	685.3	639.3	595.9	551.9	504.0
-82.5°	587.8	568.8	548.5	524.7	499.8	473.9	446.7	414.7	383.0	351.9	320.9
-85°	289.6	284.2	278.0	267.9	257.3	245.9	233.9	220.1	206.0	191.5	176.8
-87.5°	106.0	104.7	103.2	100.0	96.7	93.4	90.0	86.2	82.3	78.2	74.1
-90°	4.4	4.8	5.2	5.6	6.1	6.5	6.9	6.9	6.9	6.9	6.9



REPORT NUMBER: P1306155 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	17.7	16.4	15.1	13.8	13.4	13.0	12.5	12.1	11.7	11.3	10.8
87.5°	11.6	12.5	13.2	13.8	12.9	12.1	11.3	10.6	10.7	10.8	10.7
85°	21.6	21.3	21.2	21.3	19.5	17.3	15.7	14.3	14.6	14.6	14.5
82.5°	36.7	33.9	31.9	30.3	29.3	27.6	25.4	22.5	20.0	18.7	18.3
80°	60.2	53.7	47.7	42.6	39.7	38.1	36.2	33.0	27.8	24.1	21.8
77.5°	80.9	72.8	65.2	57.5	51.0	46.3	43.4	41.5	35.4	29.3	25.1
75°	98.9	88.8	79.1	69.7	60.9	53.8	48.2	44.0	38.9	33.9	28.1
72.5°	111.3	100.7	90.9	80.3	68.7	59.2	51.9	46.4	40.9	35.6	30.5
70°	120.0	110.1	99.5	87.4	75.2	63.8	54.4	48.1	42.7	37.1	31.8
67.5°	125.4	114.3	104.1	93.2	80.6	68.2	56.6	49.6	44.1	38.5	32.9
65°	112.1	109.7	106.3	94.6	83.5	72.1	59.7	51.5	45.4	39.7	34.0
62.5°	95.1	97.1	95.4	92.6	84.0	73.1	62.8	54.5	46.8	40.7	34.9
60°	74.2	79.7	83.3	82.5	79.9	72.9	63.8	57.2	49.0	41.7	35.7
57.5°	57.5	62.9	68.6	72.0	71.4	68.7	64.1	58.2	51.0	43.1	36.6
55°	43.6	49.9	56.0	60.8	62.9	61.7	62.6	58.4	52.4	44.5	37.8
52.5°	35.1	40.3	45.8	51.2	54.6	55.8	58.3	58.4	52.4	45.7	39.4
50°	29.7	35.5	39.2	43.3	47.5	51.1	54.4	55.6	52.4	46.4	41.0
47.5°	29.7	35.4	37.6	38.1	41.5	47.0	50.9	52.7	52.2	46.2	42.6
45°	35.9	40.0	40.0	38.9	38.2	44.5	47.7	50.3	50.2	47.3	44.3
42.5°	48.3	51.4	47.9	41.3	45.4	43.7	45.0	47.9	48.4	48.6	45.7
40°	74.3	69.7	60.4	59.4	59.8	44.7	45.4	45.9	47.2	49.8	46.9
37.5°	108.0	98.4	82.3	87.8	81.6	62.8	47.2	44.2	48.4	50.7	48.3
35°	161.7	136.6	127.4	126.6	113.5	85.5	50.1	44.5	50.5	52.1	49.8
32.5°	225.9	203.6	194.1	173.5	151.2	112.6	65.4	53.3	53.8	53.8	51.3
30°	309.8	319.6	274.8	225.5	195.0	148.4	98.0	64.2	58.2	55.9	52.9
27.5°	476.9	461.3	374.1	298.8	243.8	192.7	153.4	77.1	63.7	58.9	54.6
25°	696.9	632.6	511.6	386.2	295.8	326.7	223.2	93.4	72.9	63.1	56.4
22.5°	993.8	835.3	666.1	481.4	498.2	496.7	319.7	146.4	84.5	67.8	58.4
20°	1339.3	1065.7	897.3	832.8	751.6	678.3	449.8	206.9	97.0	73.0	60.5
17.5°	1743.2	1569.0	1477.0	1262.2	1044.7	876.7	599.2	273.4	110.3	78.6	62.8
15°	2715.3	2413.4	2122.2	1735.8	1361.8	1088.6	763.7	344.0	124.0	84.5	69.1
12.5°	3834.6	3296.4	2817.4	2243.4	1696.8	1310.6	938.6	417.0	138.0	98.1	80.8
10°	4975.9	4205.7	3548.1	2773.7	2043.2	1538.6	1118.8	498.7	170.9	117.9	92.9
7.5°	6123.7	5127.8	4297.9	3314.3	2384.6	1761.7	1309.7	595.9	207.1	138.0	105.3
5°	7169.4	5906.0	4906.5	3749.1	2669.3	1972.2	1494.7	689.2	243.3	158.2	117.7
2.5°	7790.8	6438.1	5400.3	4147.0	2939.0	2173.8	1667.1	776.4	279.0	178.0	130.0
0°	8360.7	6933.0	5856.5	4513.5	3189.6	2364.1	1822.4	854.9	313.2	197.3	141.9
-2.5°	8315.8	6942.0	5845.2	4568.1	3302.5	2463.4	1889.7	951.1	408.4	266.3	187.4
-5°	8219.9	6909.6	5796.1	4587.9	3391.6	2547.2	1937.3	1036.5	500.3	333.5	231.7
-7.5°	7795.6	6655.8	5636.1	4554.3	3455.8	2613.8	1967.4	1111.1	587.8	397.9	274.3
-10°	7275.9	6260.1	5325.1	4335.0	3359.3	2606.7	1973.7	1175.4	669.8	458.5	314.5
-12.5°	6738.5	5849.1	5003.2	4100.1	3223.4	2534.5	1912.4	1201.5	742.0	514.6	351.6
-15°	6192.8	5429.7	4678.2	3855.3	3077.2	2452.8	1845.8	1207.2	785.9	560.4	385.2
-17.5°	5676.4	5008.4	4357.3	3606.0	2923.9	2363.0	1777.5	1207.3	824.2	595.3	414.4
-20°	5311.8	4660.3	4045.5	3357.0	2766.2	2266.4	1710.4	1202.9	856.5	626.1	439.7



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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°	4949.0	4367.2	3777.6	3148.3	2620.4	2164.3	1647.3	1195.0	882.6	652.5	461.3
-25°	4583.4	4070.2	3526.1	2982.7	2493.2	2066.3	1605.1	1184.4	902.3	674.3	479.2
-27.5°	4241.7	3777.3	3285.3	2816.3	2381.4	1982.9	1578.8	1200.7	918.5	691.2	493.0
-30°	3912.7	3512.8	3086.1	2659.1	2265.0	1899.8	1553.1	1210.2	934.6	704.8	502.6
-32.5°	3687.9	3270.4	2900.9	2523.6	2158.9	1812.7	1504.0	1211.5	944.5	713.7	511.2
-35°	3512.9	3089.6	2724.2	2385.9	2054.8	1735.8	1443.1	1204.4	948.2	717.0	516.8
-37.5°	3321.6	2932.5	2572.6	2255.6	1946.8	1652.1	1390.0	1165.1	945.4	714.5	518.4
-40°	3134.7	2768.1	2431.8	2134.2	1844.6	1561.9	1331.1	1123.9	936.6	706.1	516.0
-42.5°	2933.1	2600.2	2292.6	2009.6	1739.4	1490.3	1267.9	1076.9	898.6	696.7	509.4
-45°	2734.9	2426.3	2146.5	1884.7	1632.4	1413.1	1209.2	1024.6	853.2	684.3	499.5
-47.5°	2528.2	2254.5	1996.6	1751.4	1540.4	1332.7	1144.0	969.0	804.0	666.1	486.4
-50°	2328.9	2078.9	1843.2	1628.7	1435.6	1252.8	1073.7	908.9	758.5	626.6	468.9
-52.5°	2131.5	1904.2	1694.8	1503.5	1331.4	1166.0	1001.4	845.1	708.9	584.9	447.2
-55°	1934.0	1733.2	1546.7	1379.9	1223.5	1076.3	924.3	783.5	655.3	540.8	421.7
-57.5°	1743.9	1561.0	1404.8	1256.1	1114.1	980.2	846.4	717.3	600.8	494.2	394.6
-60°	1554.6	1405.7	1264.2	1129.9	1001.7	882.6	765.8	648.8	544.1	446.4	358.6
-62.5°	1381.1	1248.1	1120.6	999.9	890.0	785.2	682.2	580.9	484.8	401.1	319.1
-65°	1207.8	1090.0	973.2	876.5	780.3	688.8	601.5	510.1	430.4	354.5	280.7
-67.5°	1036.1	943.6	843.3	754.1	679.1	602.2	519.4	446.3	376.6	306.7	247.2
-70°	902.4	811.7	726.4	656.1	588.2	517.6	451.3	385.0	321.6	268.3	213.1
-72.5°	788.5	714.1	634.2	563.1	508.8	449.7	385.8	325.8	278.6	229.5	178.4
-75°	696.6	621.5	551.9	492.6	439.2	381.5	325.8	278.9	235.4	190.1	147.5
-77.5°	585.5	526.2	472.0	413.2	358.5	310.0	268.1	231.6	190.6	151.6	117.0
-80°	449.4	398.1	350.3	306.6	268.6	235.7	205.9	175.6	142.1	112.1	85.8
-82.5°	286.1	257.7	232.0	207.6	184.3	161.3	138.5	115.8	92.5	71.8	59.3
-85°	161.0	145.9	131.6	118.0	102.1	86.3	76.7	67.5	58.9	50.8	43.3
-87.5°	70.9	67.6	64.1	60.5	55.0	49.7	44.7	39.9	35.3	31.1	27.1
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.4	10.0	9.6	9.1	8.7	7.8	6.9
87.5°	10.5	9.6	8.9	8.2	7.7	7.2	6.9
85°	14.1	12.3	10.8	9.5	8.4	7.5	6.9
82.5°	17.6	15.0	12.7	10.8	9.2	7.8	6.9
80°	20.9	17.7	14.7	12.1	9.9	8.1	6.9
77.5°	22.5	19.7	16.5	13.3	10.6	8.4	6.9
75°	24.0	20.5	18.1	14.5	11.3	8.7	6.9
72.5°	25.4	21.3	18.4	15.7	12.0	9.0	6.9
70°	26.7	22.0	18.6	16.7	12.7	9.2	6.9
67.5°	27.7	22.5	18.8	16.6	13.3	9.5	6.9
65°	28.7	23.3	18.9	16.5	14.0	9.8	6.9
62.5°	29.7	24.2	19.0	16.3	14.6	10.0	6.9
60°	30.7	25.2	18.9	16.1	15.1	10.3	6.9
57.5°	31.9	26.1	19.7	15.9	15.0	10.5	6.9
55°	33.1	27.0	20.4	15.6	14.8	10.7	6.9
52.5°	34.3	27.9	21.2	15.3	14.7	10.9	6.9
50°	35.6	29.1	21.9	14.9	14.6	11.1	6.9
47.5°	37.0	30.3	22.6	14.8	14.5	11.3	6.9
45°	38.4	31.5	23.3	15.3	14.5	11.5	6.9
42.5°	39.9	32.7	23.9	15.7	14.4	11.6	6.9
40°	41.3	33.9	24.7	16.5	14.4	11.7	6.9
37.5°	42.7	35.1	25.6	17.4	14.4	11.9	6.9
35°	44.1	36.2	26.4	18.3	14.4	12.0	6.9
32.5°	45.4	37.3	27.3	19.3	14.4	12.1	6.9
30°	46.6	38.3	28.1	20.2	14.5	12.2	6.9
27.5°	47.8	39.2	29.8	21.1	14.5	12.2	6.9
25°	49.0	40.1	31.7	22.0	14.6	12.3	6.9
22.5°	50.2	41.7	33.6	22.9	14.7	12.3	6.9
20°	51.5	44.9	35.4	23.8	14.8	12.3	6.9
17.5°	55.9	48.4	37.3	24.7	14.9	12.4	6.9
15°	62.6	51.9	39.1	25.5	15.0	12.4	6.9
12.5°	69.7	55.5	40.9	26.3	15.1	12.3	6.9
10°	76.9	59.1	42.6	27.0	15.2	12.3	6.9
7.5°	84.2	62.7	44.2	27.7	15.3	12.3	6.9
5°	91.5	66.2	45.8	28.3	15.4	12.2	6.9
2.5°	98.7	69.5	47.2	28.9	15.5	12.2	6.9
0°	105.6	72.7	48.5	29.4	15.6	12.1	6.9
-2.5°	133.2	88.5	56.6	33.0	16.8	12.4	6.9
-5°	160.0	103.8	64.6	36.5	18.0	12.6	6.9
-7.5°	185.7	118.5	72.1	39.8	19.1	12.8	6.9
-10°	210.0	132.4	79.3	42.9	20.2	13.1	6.9
-12.5°	232.4	145.4	85.9	45.9	21.3	13.3	6.9
-15°	252.8	157.1	91.9	48.5	22.3	13.4	6.9
-17.5°	270.8	167.6	97.3	50.8	23.2	13.6	6.9
-20°	287.7	176.5	101.9	52.9	24.0	13.8	6.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	304.8	183.8	105.7	54.5	24.8	13.9	6.9
-25°	319.3	193.2	108.6	55.8	25.4	14.0	6.9
-27.5°	331.2	202.3	110.6	56.7	26.0	14.0	6.9
-30°	340.2	209.4	112.0	57.1	26.4	14.1	6.9
-32.5°	346.4	214.4	115.6	57.1	26.8	14.1	6.9
-35°	351.2	217.2	117.9	56.7	27.0	14.1	6.9
-37.5°	353.6	218.6	118.8	55.8	27.1	14.1	6.9
-40°	352.7	219.0	118.4	54.4	27.1	14.0	6.9
-42.5°	348.5	217.2	117.5	53.1	26.9	13.9	6.9
-45°	341.1	213.2	116.4	52.2	26.7	13.8	6.9
-47.5°	330.5	206.9	114.1	50.6	26.3	13.6	6.9
-50°	318.8	198.4	110.6	50.1	25.8	13.5	6.9
-52.5°	304.4	187.7	105.8	49.6	25.1	13.3	6.9
-55°	286.9	178.2	99.9	48.6	24.4	13.0	6.9
-57.5°	266.4	167.5	92.9	47.0	23.5	12.8	6.9
-60°	243.9	155.1	85.0	45.0	22.6	12.5	6.9
-62.5°	223.9	141.1	79.8	42.5	21.7	12.2	6.9
-65°	201.7	125.5	73.8	39.5	20.8	11.9	6.9
-67.5°	177.4	111.4	67.0	36.2	19.8	11.5	6.9
-70°	151.4	98.9	59.6	32.5	18.8	11.2	6.9
-72.5°	130.2	85.5	51.5	29.7	17.6	10.8	6.9
-75°	108.8	71.1	42.9	27.1	16.5	10.4	6.9
-77.5°	86.2	56.0	37.1	24.4	15.3	10.0	6.9
-80°	62.7	45.2	31.9	21.5	14.0	9.6	6.9
-82.5°	48.9	36.6	26.5	18.5	12.7	9.1	6.9
-85°	36.2	27.9	20.9	15.4	11.4	8.7	6.9
-87.5°	23.4	18.9	15.2	12.3	10.0	8.3	6.9
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9

(END OF REPORT)