

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: P1305615 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

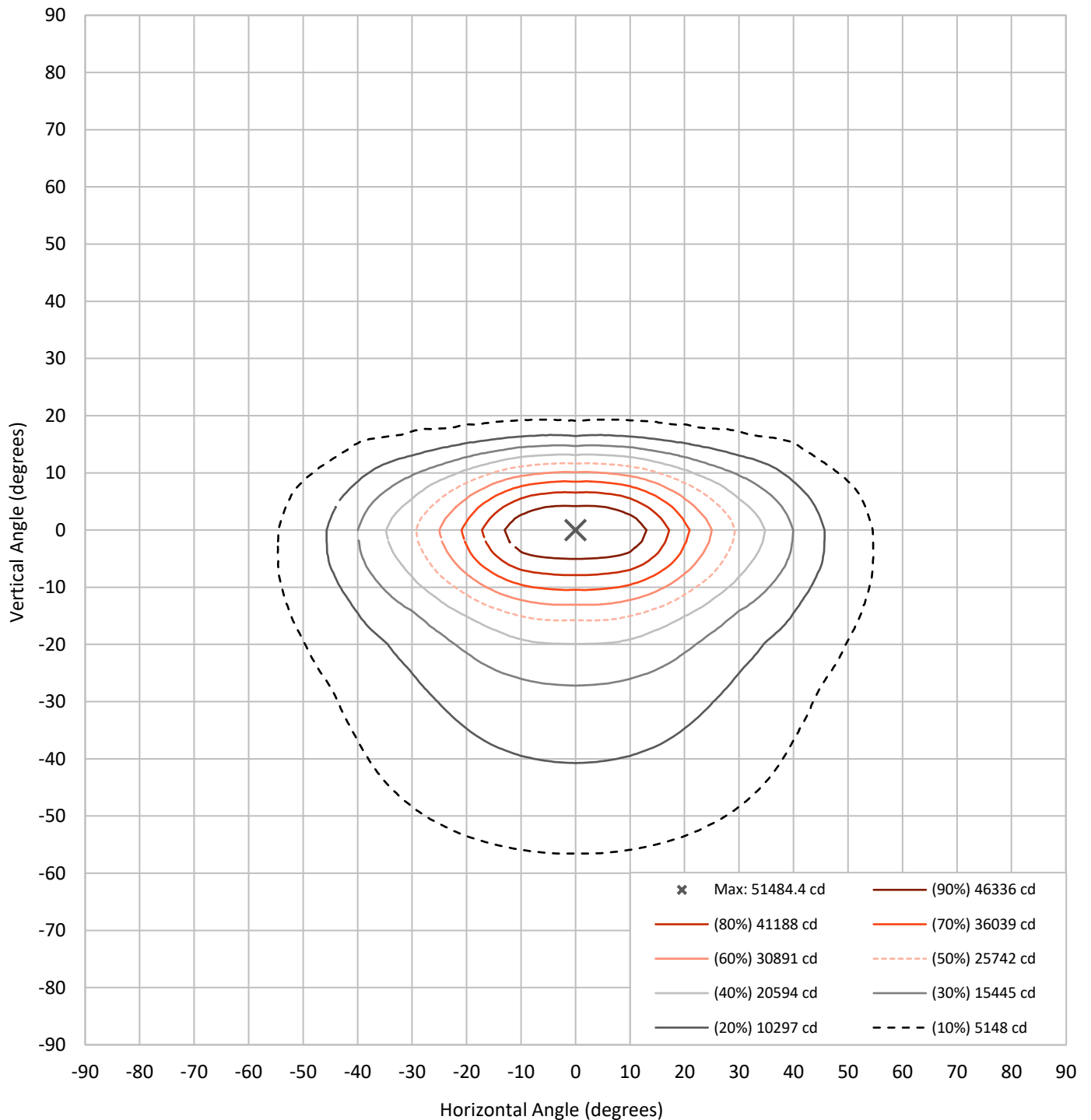
Test Method: LM-79-08
Report Number: P1305615 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-70-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 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:	34642.1 lumens	Max Intensity:	51484.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	53.5 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:	13675.3 lumens	Field Lumens:	30485.7 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
Input Watts (W):	648		
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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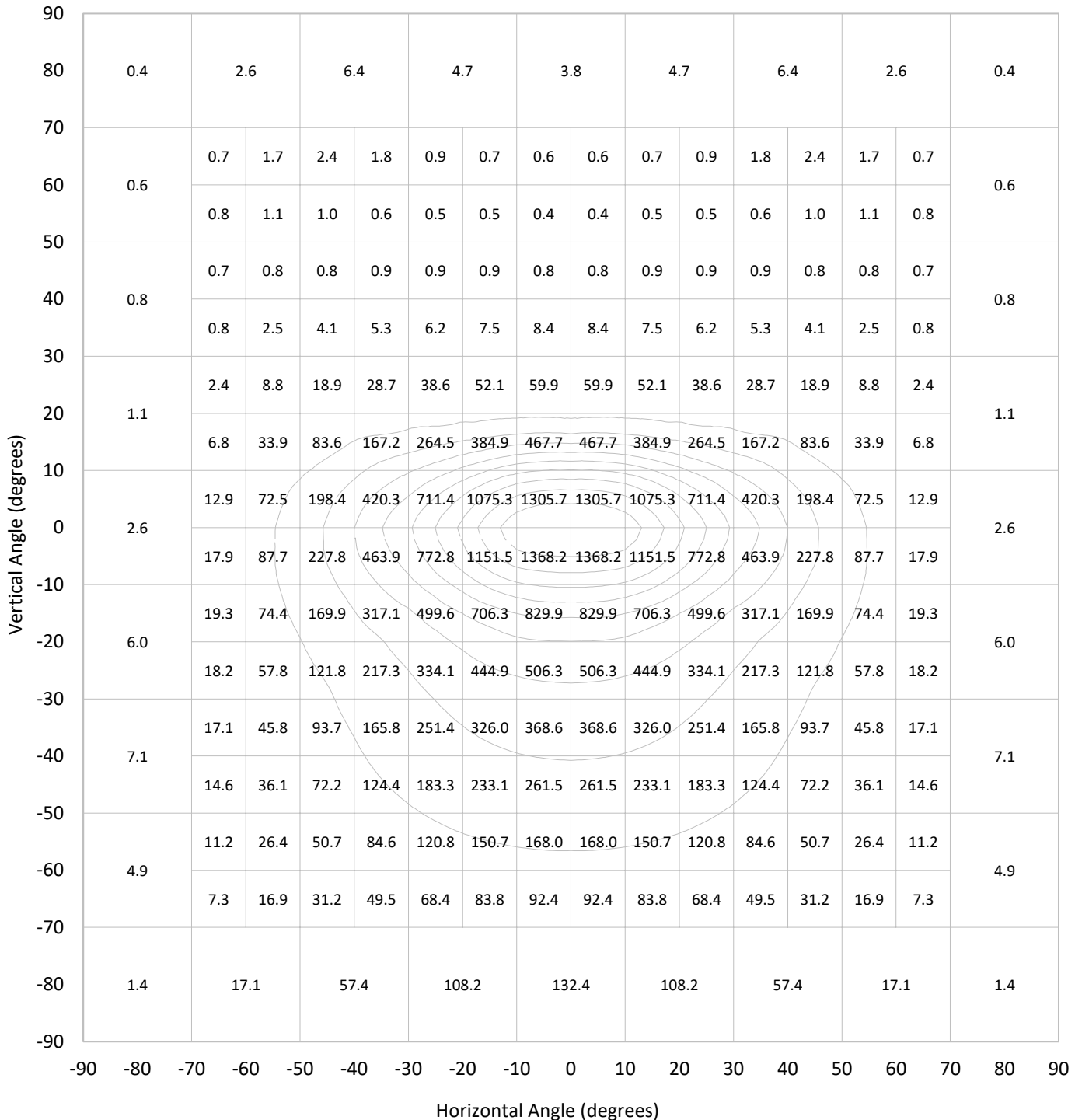
Iso-Candela Plot





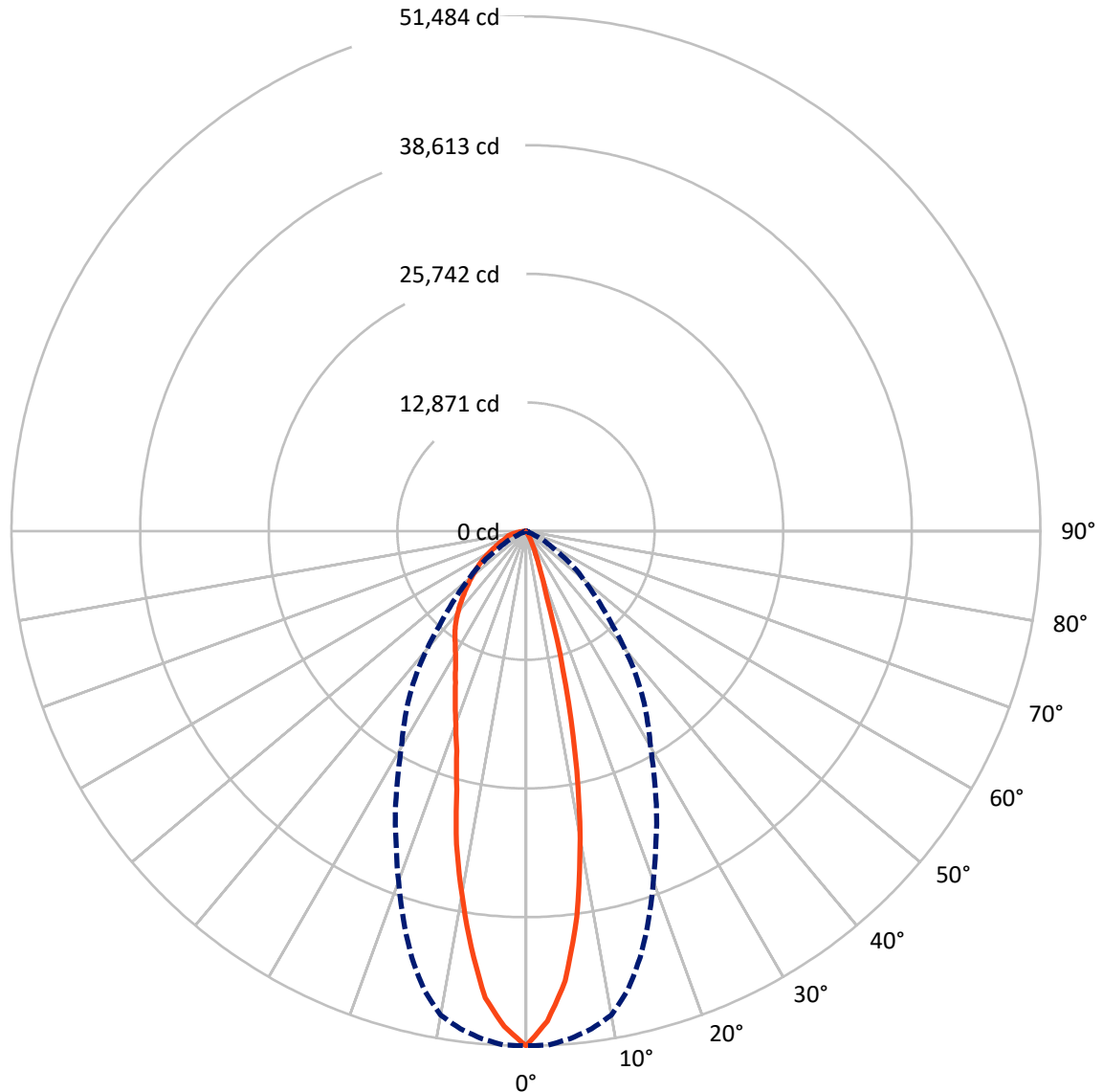
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Lumen Table



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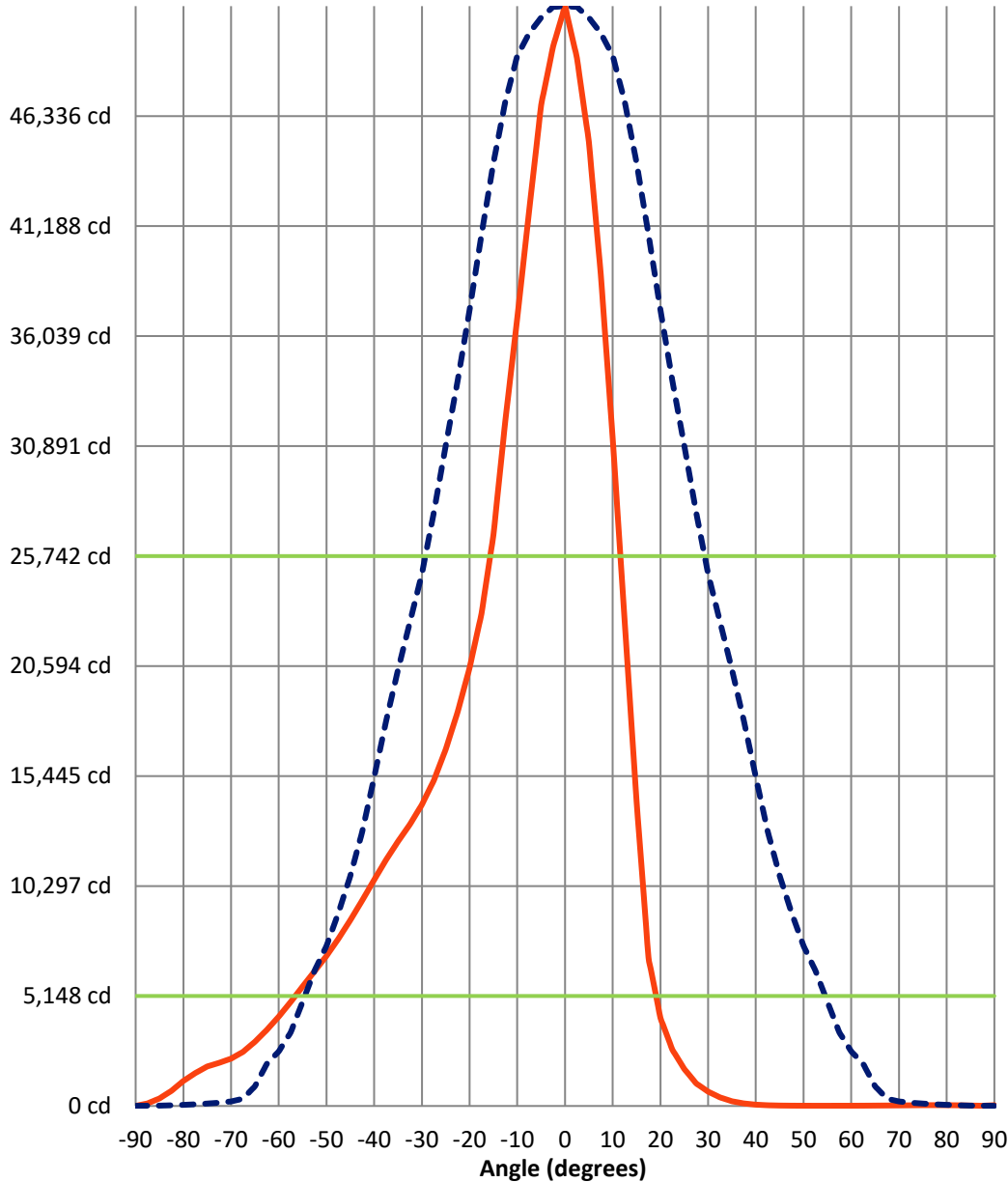
Luminous Intensity Polar Plot



— 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: 13675.3
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 30485.7
 Efficiency: 88.0%

Spill:
 Lumens: 4156.3
 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°	7.5	8.5	9.4	9.9	10.3	10.8	11.2	11.7	12.2	12.6	13.1
87.5°	7.5	7.8	8.3	8.9	9.6	10.4	11.4	11.6	11.6	11.6	11.4
85°	7.5	8.1	9.1	10.3	11.7	13.3	15.2	15.6	15.8	15.7	15.4
82.5°	7.5	8.5	9.9	11.7	13.8	16.2	19.0	19.7	20.1	21.6	24.2
80°	7.5	8.8	10.7	13.0	15.8	19.0	22.5	23.5	26.0	30.1	35.7
77.5°	7.5	9.1	11.5	14.4	17.8	21.2	24.3	27.1	31.6	38.2	44.9
75°	7.5	9.4	12.2	15.7	19.5	22.1	25.9	30.3	36.7	42.0	47.5
72.5°	7.5	9.7	13.0	17.0	19.8	23.0	27.4	33.0	38.4	44.1	50.1
70°	7.5	10.0	13.7	18.0	20.1	23.7	28.8	34.3	40.1	46.1	52.0
67.5°	7.5	10.3	14.4	17.9	20.3	24.4	29.9	35.5	41.6	47.6	53.6
65°	7.5	10.6	15.1	17.8	20.4	25.2	31.0	36.6	42.8	49.0	55.7
62.5°	7.5	10.8	15.7	17.6	20.5	26.2	32.1	37.7	44.0	50.6	58.9
60°	7.5	11.1	16.3	17.4	20.5	27.2	33.2	38.6	45.0	52.9	61.8
57.5°	7.5	11.3	16.2	17.2	21.3	28.2	34.4	39.5	46.6	55.1	62.9
55°	7.5	11.6	16.0	16.9	22.1	29.1	35.7	40.8	48.1	56.6	63.1
52.5°	7.5	11.8	15.9	16.6	22.9	30.1	37.1	42.5	49.4	56.7	63.2
50°	7.5	12.0	15.8	16.2	23.7	31.4	38.5	44.3	50.1	56.6	60.1
47.5°	7.5	12.2	15.7	16.0	24.4	32.7	40.0	46.1	50.0	56.5	57.0
45°	7.5	12.4	15.6	16.6	25.1	34.0	41.5	47.9	51.1	54.2	54.4
42.5°	7.5	12.5	15.6	17.1	25.8	35.3	43.1	49.3	52.5	52.3	51.8
40°	7.5	12.7	15.6	17.9	26.6	36.6	44.6	50.7	53.8	51.0	49.6
37.5°	7.5	12.8	15.6	18.8	27.6	37.9	46.1	52.2	54.8	52.3	47.8
35°	7.5	13.0	15.6	19.8	28.6	39.1	47.6	53.8	56.3	54.6	48.1
32.5°	7.5	13.1	15.6	20.8	29.5	40.3	49.0	55.5	58.2	58.2	57.5
30°	7.5	13.2	15.6	21.8	30.4	41.3	50.3	57.2	60.5	62.9	69.3
27.5°	7.5	13.2	15.7	22.8	32.2	42.4	51.6	59.0	63.7	68.8	83.3
25°	7.5	13.3	15.8	23.8	34.2	43.3	53.0	61.0	68.2	78.7	100.9
22.5°	7.5	13.3	15.9	24.8	36.3	45.0	54.3	63.1	73.3	91.3	158.2
20°	7.5	13.4	16.0	25.7	38.3	48.5	55.6	65.5	78.9	104.9	223.6
17.5°	7.5	13.4	16.1	26.7	40.3	52.2	60.4	67.9	85.0	119.2	295.5
15°	7.5	13.4	16.2	27.6	42.3	56.1	67.7	74.7	91.3	134.0	371.9
12.5°	7.5	13.4	16.3	28.4	44.2	60.0	75.3	87.4	106.0	149.2	450.8
10°	7.5	13.3	16.4	29.2	46.0	63.9	83.1	100.5	127.4	184.7	539.0
7.5°	7.5	13.3	16.5	30.0	47.8	67.7	91.0	113.8	149.2	223.8	644.1
5°	7.5	13.2	16.6	30.7	49.5	71.5	98.9	127.2	171.0	263.0	745.1
2.5°	7.5	13.2	16.7	31.3	51.0	75.2	106.7	140.5	192.4	301.6	839.3
0°	7.5	13.1	16.8	31.8	52.4	78.6	114.1	153.4	213.3	338.6	924.2
-2.5°	7.5	13.4	18.1	35.7	61.2	95.7	143.9	202.6	287.9	441.5	1028.2
-5°	7.5	13.6	19.4	39.5	69.8	112.2	172.9	250.5	360.5	540.9	1120.4
-7.5°	7.5	13.9	20.6	43.1	77.9	128.2	200.7	296.5	430.1	635.4	1201.1
-10°	7.5	14.1	21.8	46.4	85.7	143.2	227.0	339.9	495.6	724.0	1270.5
-12.5°	7.5	14.4	23.0	49.6	92.9	157.2	251.3	380.1	556.3	802.1	1298.8
-15°	7.5	14.6	24.0	52.4	99.4	169.9	273.3	416.4	605.7	849.5	1304.9
-17.5°	7.5	14.7	25.0	55.0	105.2	181.2	292.8	447.9	643.5	890.9	1305.1
-20°	7.5	14.9	25.9	57.2	110.2	190.9	311.1	475.3	676.8	925.8	1300.3



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 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.5	15.0	26.8	59.0	114.3	198.8	329.5	498.7	705.3	954.1	1291.8
-25°	7.5	15.1	27.5	60.3	117.5	208.9	345.2	518.0	728.9	975.3	1280.3
-27.5°	7.5	15.2	28.1	61.3	119.6	218.7	358.0	532.9	747.2	992.9	1297.9
-30°	7.5	15.3	28.6	61.8	121.1	226.4	367.8	543.3	761.8	1010.3	1308.2
-32.5°	7.5	15.3	28.9	61.8	125.0	231.8	374.5	552.6	771.5	1021.0	1309.6
-35°	7.5	15.3	29.2	61.3	127.5	234.9	379.7	558.7	775.1	1024.9	1302.0
-37.5°	7.5	15.2	29.3	60.3	128.5	236.3	382.2	560.4	772.3	1022.0	1259.4
-40°	7.5	15.2	29.3	58.8	128.0	236.8	381.3	557.8	763.3	1012.5	1214.9
-42.5°	7.5	15.1	29.1	57.4	127.1	234.8	376.8	550.7	753.1	971.4	1164.1
-45°	7.5	14.9	28.8	56.4	125.9	230.4	368.8	540.0	739.7	922.3	1107.5
-47.5°	7.5	14.8	28.4	54.7	123.4	223.7	357.3	525.8	720.0	869.1	1047.4
-50°	7.5	14.6	27.9	54.1	119.5	214.5	344.6	506.9	677.4	819.9	982.4
-52.5°	7.5	14.4	27.2	53.6	114.4	202.9	329.0	483.4	632.2	766.3	913.6
-55°	7.5	14.1	26.4	52.5	108.0	192.6	310.1	455.9	584.6	708.4	846.9
-57.5°	7.5	13.8	25.5	50.8	100.4	181.1	288.0	426.6	534.3	649.5	775.4
-60°	7.5	13.5	24.4	48.6	91.8	167.6	263.6	387.7	482.6	588.2	701.4
-62.5°	7.5	13.2	23.5	45.9	86.2	152.5	242.0	344.9	433.6	524.1	627.9
-65°	7.5	12.9	22.5	42.8	79.8	135.7	218.0	303.4	383.2	465.3	551.4
-67.5°	7.5	12.5	21.5	39.2	72.5	120.4	191.8	267.2	331.6	407.1	482.4
-70°	7.5	12.1	20.3	35.2	64.4	106.9	163.6	230.3	289.9	347.6	416.2
-72.5°	7.5	11.7	19.1	32.2	55.7	92.4	140.7	192.8	248.0	301.1	352.2
-75°	7.5	11.3	17.8	29.3	46.4	76.9	117.5	159.3	205.5	254.4	301.5
-77.5°	7.5	10.8	16.5	26.3	40.1	60.6	93.1	126.5	163.8	206.0	250.3
-80°	7.5	10.4	15.1	23.2	34.5	48.8	67.8	92.7	121.2	153.6	189.7
-82.5°	7.5	9.9	13.7	20.0	28.6	39.6	52.9	64.1	77.6	100.0	125.2
-85°	7.5	9.4	12.3	16.6	22.6	30.1	39.2	46.7	54.9	63.7	73.0
-87.5°	7.5	8.9	10.9	13.3	16.5	20.5	25.2	29.3	33.6	38.2	43.1
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5



REPORT NUMBER: P1305615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-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°	13.6	14.1	14.5	15.0	16.4	17.8	19.2	20.6	22.9	25.3	27.6
87.5°	12.2	13.1	14.0	15.0	14.3	13.5	12.6	11.5	12.3	13.2	14.1
85°	16.9	18.7	21.1	23.0	22.9	23.0	23.4	24.0	25.5	26.9	27.9
82.5°	27.4	29.9	31.7	32.8	34.5	36.7	39.7	44.1	46.5	48.1	49.0
80°	39.2	41.3	42.9	46.0	51.6	58.0	65.0	72.6	75.1	75.3	74.6
77.5°	46.9	50.0	55.1	62.1	70.5	78.6	87.4	96.7	99.5	98.9	97.5
75°	52.1	58.1	65.8	75.3	85.5	95.9	106.9	117.0	119.9	116.9	112.9
72.5°	56.1	64.0	74.3	86.8	98.3	108.9	120.2	132.3	136.4	129.9	121.7
70°	58.8	69.0	81.3	94.5	107.5	119.0	129.7	141.2	147.8	136.7	120.6
67.5°	61.1	73.7	87.1	100.7	112.5	123.5	135.6	139.3	140.9	124.1	106.7
65°	64.6	78.0	90.3	102.3	114.9	118.6	121.2	123.7	121.0	101.9	83.0
62.5°	67.9	79.1	90.8	100.1	103.1	105.0	102.8	97.8	91.1	77.9	62.5
60°	69.0	78.8	86.4	89.2	90.1	86.2	80.3	74.3	67.3	56.3	45.7
57.5°	69.4	74.3	77.2	77.8	74.2	68.0	62.2	54.5	48.6	41.6	33.0
55°	67.7	66.7	68.0	65.7	60.5	54.0	47.1	41.8	34.9	30.8	25.8
52.5°	63.0	60.3	59.1	55.3	49.5	43.5	37.9	32.8	28.8	24.3	21.1
50°	58.8	55.3	51.4	46.8	42.4	38.4	32.0	28.5	25.1	21.6	18.8
47.5°	55.0	50.8	45.0	41.2	40.7	38.2	32.1	26.6	23.5	23.4	20.8
45°	51.6	48.1	41.4	42.1	43.3	43.2	38.8	26.0	28.9	29.5	28.0
42.5°	48.7	47.2	49.1	44.7	51.8	55.6	52.2	43.5	38.7	43.0	44.7
40°	49.1	48.3	64.7	64.2	65.2	75.4	80.3	74.0	57.0	67.6	72.4
37.5°	51.0	67.9	88.2	94.9	89.0	106.3	116.8	123.9	110.5	101.9	116.9
35°	54.1	92.4	122.7	136.9	137.7	147.7	174.8	185.9	177.1	163.4	175.5
32.5°	70.7	121.7	163.5	187.6	209.7	220.1	244.2	255.7	265.4	265.5	260.3
30°	105.9	160.4	210.8	243.7	297.0	345.5	334.9	337.4	373.2	409.7	427.4
27.5°	165.8	208.4	263.6	322.9	404.4	498.7	515.5	467.7	516.4	583.8	643.5
25°	241.3	353.2	319.8	417.4	553.0	683.8	753.4	786.5	720.0	817.9	959.2
22.5°	345.6	536.9	538.5	520.4	720.1	903.0	1074.3	1238.4	1323.3	1216.8	1363.8
20°	486.2	733.3	812.4	900.2	970.0	1152.1	1447.8	1806.0	2134.0	2319.7	2234.6
17.5°	647.7	947.7	1129.3	1364.4	1596.7	1696.1	1884.4	2470.9	3107.7	3649.8	3941.2
15°	825.5	1176.8	1472.1	1876.4	2294.1	2608.9	2935.2	3439.1	4279.7	5207.1	5949.5
12.5°	1014.6	1416.7	1834.2	2425.1	3045.6	3563.4	4145.2	4911.5	5881.2	7038.0	8247.3
10°	1209.4	1663.2	2208.7	2998.3	3835.4	4546.3	5378.9	6384.1	7622.3	9063.6	10583.6
7.5°	1415.8	1904.3	2577.8	3582.8	4646.0	5543.1	6619.6	7842.9	9345.4	11058.7	12891.1
5°	1615.7	2131.9	2885.5	4052.8	5303.8	6384.3	7750.0	9268.1	11029.8	13000.5	15159.9
2.5°	1802.2	2349.8	3177.0	4482.8	5837.7	6959.4	8421.7	10053.9	12041.3	14364.7	16862.3
0°	1970.0	2555.5	3447.9	4879.0	6330.8	7494.4	9037.8	10773.9	12844.9	15394.8	18019.6
-2.5°	2042.7	2662.8	3570.0	4938.1	6318.6	7504.2	8989.2	10760.3	12757.5	15188.7	17763.2
-5°	2094.2	2753.5	3666.2	4959.4	6265.5	7469.2	8885.6	10665.2	12479.8	14642.2	16948.7
-7.5°	2126.7	2825.5	3735.7	4923.1	6092.5	7194.9	8427.0	9942.9	11597.3	13522.2	15552.9
-10°	2133.5	2817.8	3631.4	4686.1	5756.4	6767.1	7865.1	9181.5	10660.9	12344.3	14109.8
-12.5°	2067.2	2739.8	3484.5	4432.2	5408.4	6322.7	7284.2	8402.6	9684.8	11131.9	12694.9
-15°	1995.3	2651.5	3326.5	4167.5	5057.0	5869.4	6694.3	7621.9	8759.5	10077.9	11425.8
-17.5°	1921.4	2554.4	3160.7	3898.0	4710.2	5414.0	6136.1	7017.0	8036.4	9147.4	10244.5
-20°	1848.9	2450.0	2990.3	3628.9	4373.2	5037.7	5741.9	6516.0	7371.7	8277.1	9149.3



REPORT NUMBER: P1305615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-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°	1780.8	2339.6	2832.7	3403.3	4083.6	4720.8	5349.8	6014.8	6723.5	7456.5	8376.9
-25°	1735.1	2233.7	2695.1	3224.2	3811.7	4399.8	4954.6	5526.4	6136.3	6947.1	7799.6
-27.5°	1706.7	2143.5	2574.3	3044.4	3551.4	4083.1	4585.2	5089.6	5769.6	6499.1	7253.6
-30°	1678.8	2053.7	2448.4	2874.5	3336.0	3797.2	4229.5	4799.3	5433.3	6100.8	6771.8
-32.5°	1625.8	1959.5	2333.7	2728.0	3135.9	3535.3	3986.5	4546.9	5128.4	5715.3	6320.9
-35°	1560.0	1876.4	2221.2	2579.1	2944.8	3339.8	3797.4	4290.6	4824.9	5370.9	5968.5
-37.5°	1502.6	1785.9	2104.5	2438.3	2780.9	3170.0	3590.6	4051.4	4538.3	5048.9	5619.6
-40°	1438.9	1688.5	1994.1	2307.0	2628.8	2992.3	3388.6	3807.3	4255.5	4743.7	5255.8
-42.5°	1370.6	1611.0	1880.4	2172.3	2478.2	2810.7	3170.6	3564.4	3982.5	4426.9	4896.1
-45°	1307.1	1527.6	1764.7	2037.4	2320.3	2622.7	2956.4	3309.9	3706.2	4115.4	4538.0
-47.5°	1236.7	1440.6	1665.2	1893.3	2158.3	2437.1	2732.8	3067.3	3417.5	3797.4	4187.5
-50°	1160.7	1354.3	1551.9	1760.7	1992.5	2247.3	2517.4	2818.4	3142.5	3474.4	3825.3
-52.5°	1082.5	1260.4	1439.2	1625.2	1832.1	2058.4	2304.1	2570.5	2862.2	3166.5	3469.4
-55°	999.1	1163.5	1322.6	1491.7	1672.0	1873.6	2090.7	2328.1	2572.8	2850.0	3116.8
-57.5°	914.9	1059.6	1204.3	1357.8	1518.6	1687.4	1885.1	2086.2	2306.8	2534.8	2757.0
-60°	827.8	954.0	1082.8	1221.4	1366.6	1519.6	1680.6	1860.1	2046.9	2231.3	2427.1
-62.5°	737.4	848.8	962.1	1080.9	1211.3	1349.1	1492.9	1642.6	1796.7	1957.1	2115.2
-65°	650.3	744.6	843.5	947.4	1052.0	1178.3	1305.6	1431.5	1566.2	1696.1	1822.9
-67.5°	561.5	650.9	734.1	815.2	911.7	1020.0	1120.0	1234.1	1346.9	1453.7	1557.0
-70°	487.9	559.5	635.9	709.3	785.2	877.4	975.5	1066.3	1151.7	1241.2	1338.0
-72.5°	417.0	486.1	550.0	608.7	685.6	771.9	852.4	927.3	1008.7	1093.8	1172.0
-75°	352.2	412.4	474.7	532.5	596.6	671.9	753.0	829.2	898.4	967.3	1038.6
-77.5°	289.7	335.0	387.5	446.7	510.2	568.8	632.9	702.0	766.7	832.3	901.9
-80°	222.5	254.8	290.3	331.4	378.6	430.3	485.8	544.8	596.6	644.1	691.0
-82.5°	149.7	174.3	199.2	224.4	250.7	278.6	309.3	346.9	380.4	414.1	448.2
-85°	82.9	93.3	110.3	127.6	142.2	157.7	174.1	191.2	207.1	222.7	237.9
-87.5°	48.3	53.8	59.5	65.4	69.3	73.1	76.7	80.1	84.6	89.0	93.2
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	29.9	30.4	30.9	31.3	31.8	33.2	34.6	36.0	37.4	36.9	36.5
87.5°	15.1	14.9	14.7	14.4	14.1	15.5	17.0	18.5	20.0	18.4	16.7
85°	28.7	28.9	28.9	28.8	28.7	30.6	32.5	34.4	36.2	33.5	30.5
82.5°	49.4	48.5	46.8	44.4	41.5	40.8	40.0	38.9	37.5	35.9	34.5
80°	73.3	69.8	65.2	60.0	54.0	50.9	48.0	44.6	41.0	39.9	39.1
77.5°	94.5	88.1	80.3	71.9	63.0	57.6	53.0	48.3	43.4	42.3	41.9
75°	107.9	99.7	88.4	76.7	64.7	57.1	51.6	46.3	41.0	39.4	38.8
72.5°	112.0	100.6	87.5	72.8	58.7	49.7	44.6	40.1	36.0	34.3	33.5
70°	104.9	89.5	75.0	60.9	47.9	39.7	36.1	33.0	30.3	29.1	28.7
67.5°	88.5	72.5	58.9	47.1	37.7	31.7	29.6	27.7	26.0	24.9	24.2
65°	67.3	54.7	44.8	37.0	31.0	27.2	25.6	24.0	22.5	21.3	20.4
62.5°	49.5	40.3	34.4	29.9	26.4	23.9	22.4	21.1	19.9	19.1	18.3
60°	37.3	30.9	27.3	24.5	22.3	20.7	19.8	18.9	18.1	17.3	16.5
57.5°	28.4	24.6	22.0	20.6	19.6	18.9	18.1	17.2	16.4	15.6	14.8
55°	22.5	20.5	19.0	18.6	18.2	17.5	16.6	15.9	15.0	13.9	13.0
52.5°	18.9	18.7	18.7	18.4	17.8	17.3	16.7	15.6	14.5	13.3	12.6
50°	18.7	18.8	18.9	18.5	18.0	17.4	16.9	16.1	15.4	14.6	14.1
47.5°	19.4	19.7	20.8	19.0	18.7	19.2	18.9	18.2	17.9	17.5	17.0
45°	22.8	26.8	27.8	26.3	23.1	25.7	24.9	21.9	23.6	23.4	22.0
42.5°	40.7	44.9	48.2	46.1	39.5	41.7	41.7	37.2	38.4	38.6	36.9
40°	77.6	76.1	81.4	79.3	72.1	69.4	72.5	67.3	66.3	68.9	65.9
37.5°	127.7	128.6	126.2	126.5	123.9	117.0	121.1	119.7	115.4	123.5	124.4
35°	199.7	205.9	186.4	194.0	197.4	189.8	194.6	208.2	199.5	218.3	223.4
32.5°	296.0	308.8	299.7	290.7	305.5	317.2	322.6	351.5	359.2	376.2	396.5
30°	414.8	448.2	474.5	458.0	456.2	497.6	521.5	560.3	597.9	620.5	661.8
27.5°	662.0	651.8	714.4	732.9	691.7	757.9	847.7	864.8	979.4	988.7	1068.8
25°	1046.3	1041.0	1059.8	1150.7	1173.7	1206.9	1361.1	1442.4	1573.9	1644.9	1706.3
22.5°	1562.3	1708.1	1733.0	1691.3	1890.9	2021.4	2064.5	2298.8	2406.0	2566.1	2614.2
20°	2207.6	2546.8	2975.3	2982.0	2899.9	3275.9	3431.7	3554.9	3816.8	3999.3	4123.1
17.5°	3899.6	3897.0	4772.1	5255.6	5200.9	5471.6	6237.5	6158.5	6777.4	7152.5	7168.3
15°	6382.7	6845.5	7400.9	8277.9	9024.3	9625.9	10353.2	11303.3	12072.8	12976.6	13662.8
12.5°	9223.6	10135.0	11085.5	12085.9	13257.3	14587.5	16034.2	17300.8	18807.4	20126.0	21489.4
10°	12069.9	13513.5	14855.0	16350.0	18015.0	19786.8	21908.6	23762.4	25991.2	27945.9	29231.0
7.5°	14679.9	16411.7	18224.7	20397.9	22721.8	24946.8	27348.8	29948.9	32556.4	34815.0	36732.9
5°	17231.0	19177.8	21187.4	23581.1	26236.9	29024.9	31997.2	35072.3	37804.5	40377.3	42616.7
2.5°	19232.2	21462.3	23758.1	26465.0	29322.2	32147.7	35123.1	38433.5	41611.0	44620.1	46920.7
0°	20421.7	22659.1	24911.6	27779.5	30916.9	33953.2	37270.1	40794.7	44149.0	47026.3	49159.0
-2.5°	19947.8	22127.2	24403.2	27236.5	30259.1	33088.2	36257.4	39671.6	42920.4	45834.4	48048.0
-5°	18876.5	20831.8	22918.2	25538.0	28365.6	31176.4	34283.4	37531.3	40334.0	42920.5	44905.2
-7.5°	17370.1	19174.0	21119.7	23545.2	26145.6	28600.1	31139.7	33760.0	36310.6	38522.7	40155.6
-10°	15770.2	17403.2	19078.1	21023.2	23239.3	25381.7	27524.5	29914.5	32016.5	33842.8	35189.4
-12.5°	14165.7	15507.2	16828.5	18315.8	20217.5	22145.6	23998.9	26003.0	27677.2	29183.9	30381.9
-15°	12625.6	13670.0	14672.6	16112.1	17786.7	19210.6	20351.1	22166.2	23302.7	24642.1	25479.7
-17.5°	11194.2	12028.1	13246.6	14484.0	15678.8	16849.0	18164.8	19239.4	20355.0	21449.0	22168.9
-20°	10067.9	11099.2	12129.2	13135.5	14161.9	15278.9	16320.5	17336.0	18308.3	19149.1	19726.2



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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°	9334.7	10250.4	11117.3	12022.9	13022.7	13960.7	14840.8	15775.9	16607.2	17235.0	17704.5
-25°	8630.7	9427.0	10270.5	11176.5	12022.6	12812.0	13622.4	14344.3	15053.6	15576.3	16015.7
-27.5°	7996.2	8751.6	9582.7	10385.7	11139.8	11877.6	12566.3	13164.3	13755.3	14173.3	14610.2
-30°	7444.2	8209.4	8965.2	9679.1	10387.3	11055.8	11663.1	12230.9	12726.7	13133.9	13500.2
-32.5°	7027.3	7721.2	8394.3	9062.1	9733.3	10349.6	10881.2	11426.5	11882.8	12273.2	12604.9
-35°	6615.1	7267.5	7889.7	8501.6	9119.5	9713.7	10228.3	10703.2	11152.2	11501.7	11805.6
-37.5°	6213.1	6821.4	7397.0	7947.5	8512.7	9060.5	9530.0	9976.1	10377.5	10700.4	10988.7
-40°	5808.2	6365.4	6880.0	7392.8	7900.7	8359.8	8801.1	9211.9	9555.8	9853.6	10116.0
-42.5°	5389.8	5880.4	6344.7	6814.0	7277.9	7684.0	8073.5	8442.6	8735.3	8999.2	9226.4
-45°	4969.8	5401.6	5826.9	6248.5	6630.3	7005.3	7358.3	7670.0	7933.9	8167.5	8364.6
-47.5°	4565.5	4932.5	5321.7	5706.2	6034.1	6355.1	6663.9	6928.2	7157.4	7361.7	7535.1
-50°	4161.6	4489.0	4828.5	5158.5	5459.2	5741.0	5999.8	6230.6	6439.6	6616.2	6764.9
-52.5°	3761.7	4065.8	4355.9	4624.2	4897.5	5156.5	5397.3	5599.1	5782.2	5945.6	6076.6
-55°	3380.0	3648.8	3920.1	4148.6	4369.5	4585.3	4785.7	4966.0	5131.9	5281.9	5399.5
-57.5°	2994.8	3229.3	3456.0	3660.9	3859.1	4049.5	4211.9	4353.2	4485.5	4606.8	4710.5
-60°	2623.1	2818.5	3010.0	3181.0	3346.1	3504.5	3642.9	3763.1	3869.7	3963.7	4048.7
-62.5°	2274.1	2442.1	2594.7	2732.7	2861.9	2991.0	3109.0	3213.0	3303.3	3380.7	3447.2
-65°	1953.3	2092.2	2214.3	2328.6	2435.9	2544.7	2639.4	2724.8	2800.9	2864.8	2916.0
-67.5°	1668.1	1776.8	1878.4	1966.9	2058.1	2150.7	2236.4	2311.2	2375.7	2426.7	2466.5
-70°	1427.5	1515.5	1606.6	1694.9	1781.7	1861.3	1935.4	2001.6	2060.5	2104.5	2139.6
-72.5°	1243.8	1318.0	1402.1	1491.1	1573.6	1652.7	1728.1	1798.1	1863.4	1905.3	1937.9
-75°	1111.9	1188.6	1263.8	1337.9	1411.0	1480.6	1550.7	1622.3	1694.6	1737.1	1771.4
-77.5°	966.2	1019.9	1075.8	1136.4	1200.8	1263.3	1324.3	1384.6	1443.7	1473.4	1495.9
-80°	740.7	783.6	825.7	868.2	911.0	955.0	999.3	1043.3	1086.5	1106.4	1121.4
-82.5°	482.8	512.2	540.2	567.2	593.0	615.0	635.5	654.6	672.2	680.9	686.8
-85°	252.8	265.8	278.1	289.6	300.5	307.2	313.0	317.9	321.9	327.3	332.0
-87.5°	97.3	100.9	104.5	108.0	111.4	113.1	114.6	115.8	116.9	118.7	120.3
-90°	7.5	7.0	6.6	6.1	5.6	5.1	4.7	4.2	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	36.0	35.5	36.5	37.4	36.5	35.5	36.0	36.5	36.9	37.4	36.0
87.5°	14.9	13.1	12.1	11.2	12.1	13.1	14.9	16.7	18.4	20.0	18.5
85°	27.4	24.2	22.4	20.6	22.4	24.2	27.4	30.5	33.5	36.2	34.4
82.5°	33.1	31.7	31.8	31.8	31.8	31.7	33.1	34.5	35.9	37.5	38.9
80°	38.2	37.3	37.4	37.4	37.4	37.3	38.2	39.1	39.9	41.0	44.6
77.5°	41.5	41.1	40.3	39.3	40.3	41.1	41.5	41.9	42.3	43.4	48.3
75°	38.1	37.5	37.4	37.4	37.4	37.5	38.1	38.8	39.4	41.0	46.3
72.5°	32.7	32.0	31.8	31.8	31.8	32.0	32.7	33.5	34.3	36.0	40.1
70°	28.4	28.2	27.2	26.2	27.2	28.2	28.4	28.7	29.1	30.3	33.0
67.5°	23.4	22.7	22.4	22.4	22.4	22.7	23.4	24.2	24.9	26.0	27.7
65°	19.7	18.9	18.7	18.7	18.7	18.9	19.7	20.4	21.3	22.5	24.0
62.5°	17.6	17.0	16.0	15.0	16.0	17.0	17.6	18.3	19.1	19.9	21.1
60°	15.9	15.2	14.2	13.1	14.2	15.2	15.9	16.5	17.3	18.1	18.9
57.5°	14.1	13.4	13.1	13.1	13.1	13.4	14.1	14.8	15.6	16.4	17.2
55°	12.2	11.5	11.2	11.2	11.2	11.5	12.2	13.0	13.9	15.0	15.9
52.5°	12.0	11.4	11.2	11.2	11.2	11.4	12.0	12.6	13.3	14.5	15.6
50°	13.7	13.2	13.1	13.1	13.1	13.2	13.7	14.1	14.6	15.4	16.1
47.5°	16.4	15.5	15.0	15.0	15.0	15.5	16.4	17.0	17.5	17.9	18.2
45°	21.6	20.9	20.5	20.6	20.5	20.9	21.6	22.0	23.4	23.6	21.9
42.5°	37.3	36.2	34.7	33.7	34.7	36.2	37.3	36.9	38.6	38.4	37.2
40°	66.1	64.7	62.4	61.7	62.4	64.7	66.1	65.9	68.9	66.3	67.3
37.5°	126.1	125.1	121.1	119.7	121.1	125.1	126.1	124.4	123.5	115.4	119.7
35°	223.0	224.7	220.9	220.8	220.9	224.7	223.0	223.4	218.3	199.5	208.2
32.5°	403.2	407.5	396.1	402.2	396.1	407.5	403.2	396.5	376.2	359.2	351.5
30°	660.4	675.2	668.6	671.6	668.6	675.2	660.4	661.8	620.5	597.9	560.3
27.5°	1076.6	1087.6	1064.9	1057.0	1064.9	1087.6	1076.6	1068.8	988.7	979.4	864.8
25°	1740.9	1747.8	1725.6	1734.2	1725.6	1747.8	1740.9	1706.3	1644.9	1573.9	1442.4
22.5°	2711.9	2685.8	2661.3	2637.8	2661.3	2685.8	2711.9	2614.2	2566.1	2406.0	2298.8
20°	4238.0	4178.1	4170.1	4125.1	4170.1	4178.1	4238.0	4123.1	3999.3	3816.8	3554.9
17.5°	7550.9	7659.6	7418.3	6951.9	7418.3	7659.6	7550.9	7168.3	7152.5	6777.4	6158.5
15°	14066.9	14577.4	14796.7	14261.1	14796.7	14577.4	14066.9	13662.8	12976.6	12072.8	11303.3
12.5°	22242.0	22601.4	23036.7	22719.1	23036.7	22601.4	22242.0	21489.4	20126.0	18807.4	17300.8
10°	30334.9	30872.9	31531.8	31234.9	31531.8	30872.9	30334.9	29231.0	27945.9	25991.2	23762.4
7.5°	37788.3	38715.4	39294.3	38922.0	39294.3	38715.4	37788.3	36732.9	34815.0	32556.4	29948.9
5°	44149.3	44882.2	45231.3	45134.9	45231.3	44882.2	44149.3	42616.7	40377.3	37804.5	35072.3
2.5°	48228.7	49002.4	49315.1	49055.2	49315.1	49002.4	48228.7	46920.7	44620.1	41611.0	38433.5
0°	50222.6	50947.5	51445.2	51484.4	51445.2	50947.5	50222.6	49159.0	47026.3	44149.0	40794.7
-2.5°	49070.3	49510.9	49748.9	49590.3	49748.9	49510.9	49070.3	48048.0	45834.4	42920.4	39671.6
-5°	46052.6	46518.5	46669.6	46854.2	46669.6	46518.5	46052.6	44905.2	42920.5	40334.0	37531.3
-7.5°	41074.1	41585.2	41962.0	41946.2	41962.0	41585.2	41074.1	40155.6	38522.7	36310.6	33760.0
-10°	36191.0	36570.7	36963.8	36897.8	36963.8	36570.7	36191.0	35189.4	33842.8	32016.5	29914.5
-12.5°	31351.5	31985.0	32139.0	32092.7	32139.0	31985.0	31351.5	30381.9	29183.9	27677.2	26003.0
-15°	26433.2	26902.5	26864.1	26739.4	26864.1	26902.5	26433.2	25479.7	24642.1	23302.7	22166.2
-17.5°	22791.8	23050.6	23149.5	23052.0	23149.5	23050.6	22791.8	22168.9	21449.0	20355.0	19239.4
-20°	20200.6	20400.6	20468.0	20513.3	20468.0	20400.6	20200.6	19726.2	19149.1	18308.3	17336.0



REPORT NUMBER: P1305615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18108.9	18313.2	18372.4	18449.8	18372.4	18313.2	18108.9	17704.5	17235.0	16607.2	15775.9
-25°	16354.7	16554.3	16621.8	16698.8	16621.8	16554.3	16354.7	16015.7	15576.3	15053.6	14344.3
-27.5°	14903.2	15098.1	15179.2	15237.7	15179.2	15098.1	14903.2	14610.2	14173.3	13755.3	13164.3
-30°	13760.3	13952.2	14068.2	14105.8	14068.2	13952.2	13760.3	13500.2	13133.9	12726.7	12230.9
-32.5°	12853.4	13020.9	13130.0	13185.4	13130.0	13020.9	12853.4	12604.9	12273.2	11882.8	11426.5
-35°	12045.7	12213.9	12327.2	12384.7	12327.2	12213.9	12045.7	11805.6	11501.7	11152.2	10703.2
-37.5°	11219.8	11402.9	11522.8	11526.0	11522.8	11402.9	11219.8	10988.7	10700.4	10377.5	9976.1
-40°	10308.6	10453.8	10548.9	10586.9	10548.9	10453.8	10308.6	10116.0	9853.6	9555.8	9211.9
-42.5°	9394.7	9518.0	9595.0	9627.1	9595.0	9518.0	9394.7	9226.4	8999.2	8735.3	8442.6
-45°	8522.0	8646.4	8710.7	8701.1	8710.7	8646.4	8522.0	8364.6	8167.5	7933.9	7670.0
-47.5°	7668.3	7764.8	7817.5	7829.3	7817.5	7764.8	7668.3	7535.1	7361.7	7157.4	6928.2
-50°	6891.2	6993.4	7037.1	7024.9	7037.1	6993.4	6891.2	6764.9	6616.2	6439.6	6230.6
-52.5°	6184.7	6271.5	6309.2	6304.6	6309.2	6271.5	6184.7	6076.6	5945.6	5782.2	5599.1
-55°	5495.6	5570.7	5600.6	5595.6	5600.6	5570.7	5495.6	5399.5	5281.9	5131.9	4966.0
-57.5°	4796.4	4864.1	4884.1	4871.6	4884.1	4864.1	4796.4	4710.5	4606.8	4485.5	4353.2
-60°	4119.2	4174.8	4192.2	4185.0	4192.2	4174.8	4119.2	4048.7	3963.7	3869.7	3763.1
-62.5°	3502.1	3545.1	3562.8	3563.9	3562.8	3545.1	3502.1	3447.2	3380.7	3303.3	3213.0
-65°	2957.6	2989.4	3003.6	3006.4	3003.6	2989.4	2957.6	2916.0	2864.8	2800.9	2724.8
-67.5°	2498.6	2523.5	2532.2	2533.1	2532.2	2523.5	2498.6	2466.5	2426.7	2375.7	2311.2
-70°	2170.9	2198.7	2210.3	2216.9	2210.3	2198.7	2170.9	2139.6	2104.5	2060.5	2001.6
-72.5°	1968.6	1997.1	2010.5	2020.5	2010.5	1997.1	1968.6	1937.9	1905.3	1863.4	1798.1
-75°	1803.9	1834.1	1843.7	1848.4	1843.7	1834.1	1803.9	1771.4	1737.1	1694.6	1622.3
-77.5°	1515.5	1531.8	1537.9	1539.7	1537.9	1531.8	1515.5	1495.9	1473.4	1443.7	1384.6
-80°	1133.2	1141.7	1158.0	1171.1	1158.0	1141.7	1133.2	1121.4	1106.4	1086.5	1043.3
-82.5°	690.4	691.9	701.4	709.0	701.4	691.9	690.4	686.8	680.9	672.2	654.6
-85°	335.8	338.8	346.6	353.6	346.6	338.8	335.8	332.0	327.3	321.9	317.9
-87.5°	121.8	123.2	122.5	121.6	122.5	123.2	121.8	120.3	118.7	116.9	115.8
-90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	34.6	33.2	31.8	31.3	30.9	30.4	29.9	27.6	25.3	22.9	20.6
87.5°	17.0	15.5	14.1	14.4	14.7	14.9	15.1	14.1	13.2	12.3	11.5
85°	32.5	30.6	28.7	28.8	28.9	28.9	28.7	27.9	26.9	25.5	24.0
82.5°	40.0	40.8	41.5	44.4	46.8	48.5	49.4	49.0	48.1	46.5	44.1
80°	48.0	50.9	54.0	60.0	65.2	69.8	73.3	74.6	75.3	75.1	72.6
77.5°	53.0	57.6	63.0	71.9	80.3	88.1	94.5	97.5	98.9	99.5	96.7
75°	51.6	57.1	64.7	76.7	88.4	99.7	107.9	112.9	116.9	119.9	117.0
72.5°	44.6	49.7	58.7	72.8	87.5	100.6	112.0	121.7	129.9	136.4	132.3
70°	36.1	39.7	47.9	60.9	75.0	89.5	104.9	120.6	136.7	147.8	141.2
67.5°	29.6	31.7	37.7	47.1	58.9	72.5	88.5	106.7	124.1	140.9	139.3
65°	25.6	27.2	31.0	37.0	44.8	54.7	67.3	83.0	101.9	121.0	123.7
62.5°	22.4	23.9	26.4	29.9	34.4	40.3	49.5	62.5	77.9	91.1	97.8
60°	19.8	20.7	22.3	24.5	27.3	30.9	37.3	45.7	56.3	67.3	74.3
57.5°	18.1	18.9	19.6	20.6	22.0	24.6	28.4	33.0	41.6	48.6	54.5
55°	16.6	17.5	18.2	18.6	19.0	20.5	22.5	25.8	30.8	34.9	41.8
52.5°	16.7	17.3	17.8	18.4	18.7	18.7	18.9	21.1	24.3	28.8	32.8
50°	16.9	17.4	18.0	18.5	18.9	18.8	18.7	18.8	21.6	25.1	28.5
47.5°	18.9	19.2	18.7	19.0	20.8	19.7	19.4	20.8	23.4	23.5	26.6
45°	24.9	25.7	23.1	26.3	27.8	26.8	22.8	28.0	29.5	28.9	26.0
42.5°	41.7	41.7	39.5	46.1	48.2	44.9	40.7	44.7	43.0	38.7	43.5
40°	72.5	69.4	72.1	79.3	81.4	76.1	77.6	72.4	67.6	57.0	74.0
37.5°	121.1	117.0	123.9	126.5	126.2	128.6	127.7	116.9	101.9	110.5	123.9
35°	194.6	189.8	197.4	194.0	186.4	205.9	199.7	175.5	163.4	177.1	185.9
32.5°	322.6	317.2	305.5	290.7	299.7	308.8	296.0	260.3	265.5	265.4	255.7
30°	521.5	497.6	456.2	458.0	474.5	448.2	414.8	427.4	409.7	373.2	337.4
27.5°	847.7	757.9	691.7	732.9	714.4	651.8	662.0	643.5	583.8	516.4	467.7
25°	1361.1	1206.9	1173.7	1150.7	1059.8	1041.0	1046.3	959.2	817.9	720.0	786.5
22.5°	2064.5	2021.4	1890.9	1691.3	1733.0	1708.1	1562.3	1363.8	1216.8	1323.3	1238.4
20°	3431.7	3275.9	2899.9	2982.0	2975.3	2546.8	2207.6	2234.6	2319.7	2134.0	1806.0
17.5°	6237.5	5471.6	5200.9	5255.6	4772.1	3897.0	3899.6	3941.2	3649.8	3107.7	2470.9
15°	10353.2	9625.9	9024.3	8277.9	7400.9	6845.5	6382.7	5949.5	5207.1	4279.7	3439.1
12.5°	16034.2	14587.5	13257.3	12085.9	11085.5	10135.0	9223.6	8247.3	7038.0	5881.2	4911.5
10°	21908.6	19786.8	18015.0	16350.0	14855.0	13513.5	12069.9	10583.6	9063.6	7622.3	6384.1
7.5°	27348.8	24946.8	22721.8	20397.9	18224.7	16411.7	14679.9	12891.1	11058.7	9345.4	7842.9
5°	31997.2	29024.9	26236.9	23581.1	21187.4	19177.8	17231.0	15159.9	13000.5	11029.8	9268.1
2.5°	35123.1	32147.7	29322.2	26465.0	23758.1	21462.3	19232.2	16862.3	14364.7	12041.3	10053.9
0°	37270.1	33953.2	30916.9	27779.5	24911.6	22659.1	20421.7	18019.6	15394.8	12844.9	10773.9
-2.5°	36257.4	33088.2	30259.1	27236.5	24403.2	22127.2	19947.8	17763.2	15188.7	12757.5	10760.3
-5°	34283.4	31176.4	28365.6	25538.0	22918.2	20831.8	18876.5	16948.7	14642.2	12479.8	10665.2
-7.5°	31139.7	28600.1	26145.6	23545.2	21119.7	19174.0	17370.1	15552.9	13522.2	11597.3	9942.9
-10°	27524.5	25381.7	23239.3	21023.2	19078.1	17403.2	15770.2	14109.8	12344.3	10660.9	9181.5
-12.5°	23998.9	22145.6	20217.5	18315.8	16828.5	15507.2	14165.7	12694.9	11131.9	9684.8	8402.6
-15°	20351.1	19210.6	17786.7	16112.1	14672.6	13670.0	12625.6	11425.8	10077.9	8759.5	7621.9
-17.5°	18164.8	16849.0	15678.8	14484.0	13246.6	12028.1	11194.2	10244.5	9147.4	8036.4	7017.0
-20°	16320.5	15278.9	14161.9	13135.5	12129.2	11099.2	10067.9	9149.3	8277.1	7371.7	6516.0



REPORT NUMBER: P1305615 (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°	14840.8	13960.7	13022.7	12022.9	11117.3	10250.4	9334.7	8376.9	7456.5	6723.5	6014.8
-25°	13622.4	12812.0	12022.6	11176.5	10270.5	9427.0	8630.7	7799.6	6947.1	6136.3	5526.4
-27.5°	12566.3	11877.6	11139.8	10385.7	9582.7	8751.6	7996.2	7253.6	6499.1	5769.6	5089.6
-30°	11663.1	11055.8	10387.3	9679.1	8965.2	8209.4	7444.2	6771.8	6100.8	5433.3	4799.3
-32.5°	10881.2	10349.6	9733.3	9062.1	8394.3	7721.2	7027.3	6320.9	5715.3	5128.4	4546.9
-35°	10228.3	9713.7	9119.5	8501.6	7889.7	7267.5	6615.1	5968.5	5370.9	4824.9	4290.6
-37.5°	9530.0	9060.5	8512.7	7947.5	7397.0	6821.4	6213.1	5619.6	5048.9	4538.3	4051.4
-40°	8801.1	8359.8	7900.7	7392.8	6880.0	6365.4	5808.2	5255.8	4743.7	4255.5	3807.3
-42.5°	8073.5	7684.0	7277.9	6814.0	6344.7	5880.4	5389.8	4896.1	4426.9	3982.5	3564.4
-45°	7358.3	7005.3	6630.3	6248.5	5826.9	5401.6	4969.8	4538.0	4115.4	3706.2	3309.9
-47.5°	6663.9	6355.1	6034.1	5706.2	5321.7	4932.5	4565.5	4187.5	3797.4	3417.5	3067.3
-50°	5999.8	5741.0	5459.2	5158.5	4828.5	4489.0	4161.6	3825.3	3474.4	3142.5	2818.4
-52.5°	5397.3	5156.5	4897.5	4624.2	4355.9	4065.8	3761.7	3469.4	3166.5	2862.2	2570.5
-55°	4785.7	4585.3	4369.5	4148.6	3920.1	3648.8	3380.0	3116.8	2850.0	2572.8	2328.1
-57.5°	4211.9	4049.5	3859.1	3660.9	3456.0	3229.3	2994.8	2757.0	2534.8	2306.8	2086.2
-60°	3642.9	3504.5	3346.1	3181.0	3010.0	2818.5	2623.1	2427.1	2231.3	2046.9	1860.1
-62.5°	3109.0	2991.0	2861.9	2732.7	2594.7	2442.1	2274.1	2115.2	1957.1	1796.7	1642.6
-65°	2639.4	2544.7	2435.9	2328.6	2214.3	2092.2	1953.3	1822.9	1696.1	1566.2	1431.5
-67.5°	2236.4	2150.7	2058.1	1966.9	1878.4	1776.8	1668.1	1557.0	1453.7	1346.9	1234.1
-70°	1935.4	1861.3	1781.7	1694.9	1606.6	1515.5	1427.5	1338.0	1241.2	1151.7	1066.3
-72.5°	1728.1	1652.7	1573.6	1491.1	1402.1	1318.0	1243.8	1172.0	1093.8	1008.7	927.3
-75°	1550.7	1480.6	1411.0	1337.9	1263.8	1188.6	1111.9	1038.6	967.3	898.4	829.2
-77.5°	1324.3	1263.3	1200.8	1136.4	1075.8	1019.9	966.2	901.9	832.3	766.7	702.0
-80°	999.3	955.0	911.0	868.2	825.7	783.6	740.7	691.0	644.1	596.6	544.8
-82.5°	635.5	615.0	593.0	567.2	540.2	512.2	482.8	448.2	414.1	380.4	346.9
-85°	313.0	307.2	300.5	289.6	278.1	265.8	252.8	237.9	222.7	207.1	191.2
-87.5°	114.6	113.1	111.4	108.0	104.5	100.9	97.3	93.2	89.0	84.6	80.1
-90°	4.7	5.1	5.6	6.1	6.6	7.0	7.5	7.5	7.5	7.5	7.5



REPORT NUMBER: P1305615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-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°	19.2	17.8	16.4	15.0	14.5	14.1	13.6	13.1	12.6	12.2	11.7
87.5°	12.6	13.5	14.3	15.0	14.0	13.1	12.2	11.4	11.6	11.6	11.6
85°	23.4	23.0	22.9	23.0	21.1	18.7	16.9	15.4	15.7	15.8	15.6
82.5°	39.7	36.7	34.5	32.8	31.7	29.9	27.4	24.2	21.6	20.1	19.7
80°	65.0	58.0	51.6	46.0	42.9	41.3	39.2	35.7	30.1	26.0	23.5
77.5°	87.4	78.6	70.5	62.1	55.1	50.0	46.9	44.9	38.2	31.6	27.1
75°	106.9	95.9	85.5	75.3	65.8	58.1	52.1	47.5	42.0	36.7	30.3
72.5°	120.2	108.9	98.3	86.8	74.3	64.0	56.1	50.1	44.1	38.4	33.0
70°	129.7	119.0	107.5	94.5	81.3	69.0	58.8	52.0	46.1	40.1	34.3
67.5°	135.6	123.5	112.5	100.7	87.1	73.7	61.1	53.6	47.6	41.6	35.5
65°	121.2	118.6	114.9	102.3	90.3	78.0	64.6	55.7	49.0	42.8	36.6
62.5°	102.8	105.0	103.1	100.1	90.8	79.1	67.9	58.9	50.6	44.0	37.7
60°	80.3	86.2	90.1	89.2	86.4	78.8	69.0	61.8	52.9	45.0	38.6
57.5°	62.2	68.0	74.2	77.8	77.2	74.3	69.4	62.9	55.1	46.6	39.5
55°	47.1	54.0	60.5	65.7	68.0	66.7	67.7	63.1	56.6	48.1	40.8
52.5°	37.9	43.5	49.5	55.3	59.1	60.3	63.0	63.2	56.7	49.4	42.5
50°	32.0	38.4	42.4	46.8	51.4	55.3	58.8	60.1	56.6	50.1	44.3
47.5°	32.1	38.2	40.7	41.2	45.0	50.8	55.0	57.0	56.5	50.0	46.1
45°	38.8	43.2	43.3	42.1	41.4	48.1	51.6	54.4	54.2	51.1	47.9
42.5°	52.2	55.6	51.8	44.7	49.1	47.2	48.7	51.8	52.3	52.5	49.3
40°	80.3	75.4	65.2	64.2	64.7	48.3	49.1	49.6	51.0	53.8	50.7
37.5°	116.8	106.3	89.0	94.9	88.2	67.9	51.0	47.8	52.3	54.8	52.2
35°	174.8	147.7	137.7	136.9	122.7	92.4	54.1	48.1	54.6	56.3	53.8
32.5°	244.2	220.1	209.7	187.6	163.5	121.7	70.7	57.5	58.2	58.2	55.5
30°	334.9	345.5	297.0	243.7	210.8	160.4	105.9	69.3	62.9	60.5	57.2
27.5°	515.5	498.7	404.4	322.9	263.6	208.4	165.8	83.3	68.8	63.7	59.0
25°	753.4	683.8	553.0	417.4	319.8	353.2	241.3	100.9	78.7	68.2	61.0
22.5°	1074.3	903.0	720.1	520.4	538.5	536.9	345.6	158.2	91.3	73.3	63.1
20°	1447.8	1152.1	970.0	900.2	812.4	733.3	486.2	223.6	104.9	78.9	65.5
17.5°	1884.4	1696.1	1596.7	1364.4	1129.3	947.7	647.7	295.5	119.2	85.0	67.9
15°	2935.2	2608.9	2294.1	1876.4	1472.1	1176.8	825.5	371.9	134.0	91.3	74.7
12.5°	4145.2	3563.4	3045.6	2425.1	1834.2	1416.7	1014.6	450.8	149.2	106.0	87.4
10°	5378.9	4546.3	3835.4	2998.3	2208.7	1663.2	1209.4	539.0	184.7	127.4	100.5
7.5°	6619.6	5543.1	4646.0	3582.8	2577.8	1904.3	1415.8	644.1	223.8	149.2	113.8
5°	7750.0	6384.3	5303.8	4052.8	2885.5	2131.9	1615.7	745.1	263.0	171.0	127.2
2.5°	8421.7	6959.4	5837.7	4482.8	3177.0	2349.8	1802.2	839.3	301.6	192.4	140.5
0°	9037.8	7494.4	6330.8	4879.0	3447.9	2555.5	1970.0	924.2	338.6	213.3	153.4
-2.5°	8989.2	7504.2	6318.6	4938.1	3570.0	2662.8	2042.7	1028.2	441.5	287.9	202.6
-5°	8885.6	7469.2	6265.5	4959.4	3666.2	2753.5	2094.2	1120.4	540.9	360.5	250.5
-7.5°	8427.0	7194.9	6092.5	4923.1	3735.7	2825.5	2126.7	1201.1	635.4	430.1	296.5
-10°	7865.1	6767.1	5756.4	4686.1	3631.4	2817.8	2133.5	1270.5	724.0	495.6	339.9
-12.5°	7284.2	6322.7	5408.4	4432.2	3484.5	2739.8	2067.2	1298.8	802.1	556.3	380.1
-15°	6694.3	5869.4	5057.0	4167.5	3326.5	2651.5	1995.3	1304.9	849.5	605.7	416.4
-17.5°	6136.1	5414.0	4710.2	3898.0	3160.7	2554.4	1921.4	1305.1	890.9	643.5	447.9
-20°	5741.9	5037.7	4373.2	3628.9	2990.3	2450.0	1848.9	1300.3	925.8	676.8	475.3



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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°	5349.8	4720.8	4083.6	3403.3	2832.7	2339.6	1780.8	1291.8	954.1	705.3	498.7
-25°	4954.6	4399.8	3811.7	3224.2	2695.1	2233.7	1735.1	1280.3	975.3	728.9	518.0
-27.5°	4585.2	4083.1	3551.4	3044.4	2574.3	2143.5	1706.7	1297.9	992.9	747.2	532.9
-30°	4229.5	3797.2	3336.0	2874.5	2448.4	2053.7	1678.8	1308.2	1010.3	761.8	543.3
-32.5°	3986.5	3535.3	3135.9	2728.0	2333.7	1959.5	1625.8	1309.6	1021.0	771.5	552.6
-35°	3797.4	3339.8	2944.8	2579.1	2221.2	1876.4	1560.0	1302.0	1024.9	775.1	558.7
-37.5°	3590.6	3170.0	2780.9	2438.3	2104.5	1785.9	1502.6	1259.4	1022.0	772.3	560.4
-40°	3388.6	2992.3	2628.8	2307.0	1994.1	1688.5	1438.9	1214.9	1012.5	763.3	557.8
-42.5°	3170.6	2810.7	2478.2	2172.3	1880.4	1611.0	1370.6	1164.1	971.4	753.1	550.7
-45°	2956.4	2622.7	2320.3	2037.4	1764.7	1527.6	1307.1	1107.5	922.3	739.7	540.0
-47.5°	2732.8	2437.1	2158.3	1893.3	1665.2	1440.6	1236.7	1047.4	869.1	720.0	525.8
-50°	2517.4	2247.3	1992.5	1760.7	1551.9	1354.3	1160.7	982.4	819.9	677.4	506.9
-52.5°	2304.1	2058.4	1832.1	1625.2	1439.2	1260.4	1082.5	913.6	766.3	632.2	483.4
-55°	2090.7	1873.6	1672.0	1491.7	1322.6	1163.5	999.1	846.9	708.4	584.6	455.9
-57.5°	1885.1	1687.4	1518.6	1357.8	1204.3	1059.6	914.9	775.4	649.5	534.3	426.6
-60°	1680.6	1519.6	1366.6	1221.4	1082.8	954.0	827.8	701.4	588.2	482.6	387.7
-62.5°	1492.9	1349.1	1211.3	1080.9	962.1	848.8	737.4	627.9	524.1	433.6	344.9
-65°	1305.6	1178.3	1052.0	947.4	843.5	744.6	650.3	551.4	465.3	383.2	303.4
-67.5°	1120.0	1020.0	911.7	815.2	734.1	650.9	561.5	482.4	407.1	331.6	267.2
-70°	975.5	877.4	785.2	709.3	635.9	559.5	487.9	416.2	347.6	289.9	230.3
-72.5°	852.4	771.9	685.6	608.7	550.0	486.1	417.0	352.2	301.1	248.0	192.8
-75°	753.0	671.9	596.6	532.5	474.7	412.4	352.2	301.5	254.4	205.5	159.3
-77.5°	632.9	568.8	510.2	446.7	387.5	335.0	289.7	250.3	206.0	163.8	126.5
-80°	485.8	430.3	378.6	331.4	290.3	254.8	222.5	189.7	153.6	121.2	92.7
-82.5°	309.3	278.6	250.7	224.4	199.2	174.3	149.7	125.2	100.0	77.6	64.1
-85°	174.1	157.7	142.2	127.6	110.3	93.3	82.9	73.0	63.7	54.9	46.7
-87.5°	76.7	73.1	69.3	65.4	59.5	53.8	48.3	43.1	38.2	33.6	29.3
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.2	10.8	10.3	9.9	9.4	8.5	7.5
87.5°	11.4	10.4	9.6	8.9	8.3	7.8	7.5
85°	15.2	13.3	11.7	10.3	9.1	8.1	7.5
82.5°	19.0	16.2	13.8	11.7	9.9	8.5	7.5
80°	22.5	19.0	15.8	13.0	10.7	8.8	7.5
77.5°	24.3	21.2	17.8	14.4	11.5	9.1	7.5
75°	25.9	22.1	19.5	15.7	12.2	9.4	7.5
72.5°	27.4	23.0	19.8	17.0	13.0	9.7	7.5
70°	28.8	23.7	20.1	18.0	13.7	10.0	7.5
67.5°	29.9	24.4	20.3	17.9	14.4	10.3	7.5
65°	31.0	25.2	20.4	17.8	15.1	10.6	7.5
62.5°	32.1	26.2	20.5	17.6	15.7	10.8	7.5
60°	33.2	27.2	20.5	17.4	16.3	11.1	7.5
57.5°	34.4	28.2	21.3	17.2	16.2	11.3	7.5
55°	35.7	29.1	22.1	16.9	16.0	11.6	7.5
52.5°	37.1	30.1	22.9	16.6	15.9	11.8	7.5
50°	38.5	31.4	23.7	16.2	15.8	12.0	7.5
47.5°	40.0	32.7	24.4	16.0	15.7	12.2	7.5
45°	41.5	34.0	25.1	16.6	15.6	12.4	7.5
42.5°	43.1	35.3	25.8	17.1	15.6	12.5	7.5
40°	44.6	36.6	26.6	17.9	15.6	12.7	7.5
37.5°	46.1	37.9	27.6	18.8	15.6	12.8	7.5
35°	47.6	39.1	28.6	19.8	15.6	13.0	7.5
32.5°	49.0	40.3	29.5	20.8	15.6	13.1	7.5
30°	50.3	41.3	30.4	21.8	15.6	13.2	7.5
27.5°	51.6	42.4	32.2	22.8	15.7	13.2	7.5
25°	53.0	43.3	34.2	23.8	15.8	13.3	7.5
22.5°	54.3	45.0	36.3	24.8	15.9	13.3	7.5
20°	55.6	48.5	38.3	25.7	16.0	13.4	7.5
17.5°	60.4	52.2	40.3	26.7	16.1	13.4	7.5
15°	67.7	56.1	42.3	27.6	16.2	13.4	7.5
12.5°	75.3	60.0	44.2	28.4	16.3	13.4	7.5
10°	83.1	63.9	46.0	29.2	16.4	13.3	7.5
7.5°	91.0	67.7	47.8	30.0	16.5	13.3	7.5
5°	98.9	71.5	49.5	30.7	16.6	13.2	7.5
2.5°	106.7	75.2	51.0	31.3	16.7	13.2	7.5
0°	114.1	78.6	52.4	31.8	16.8	13.1	7.5
-2.5°	143.9	95.7	61.2	35.7	18.1	13.4	7.5
-5°	172.9	112.2	69.8	39.5	19.4	13.6	7.5
-7.5°	200.7	128.2	77.9	43.1	20.6	13.9	7.5
-10°	227.0	143.2	85.7	46.4	21.8	14.1	7.5
-12.5°	251.3	157.2	92.9	49.6	23.0	14.4	7.5
-15°	273.3	169.9	99.4	52.4	24.0	14.6	7.5
-17.5°	292.8	181.2	105.2	55.0	25.0	14.7	7.5
-20°	311.1	190.9	110.2	57.2	25.9	14.9	7.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	329.5	198.8	114.3	59.0	26.8	15.0	7.5
-25°	345.2	208.9	117.5	60.3	27.5	15.1	7.5
-27.5°	358.0	218.7	119.6	61.3	28.1	15.2	7.5
-30°	367.8	226.4	121.1	61.8	28.6	15.3	7.5
-32.5°	374.5	231.8	125.0	61.8	28.9	15.3	7.5
-35°	379.7	234.9	127.5	61.3	29.2	15.3	7.5
-37.5°	382.2	236.3	128.5	60.3	29.3	15.2	7.5
-40°	381.3	236.8	128.0	58.8	29.3	15.2	7.5
-42.5°	376.8	234.8	127.1	57.4	29.1	15.1	7.5
-45°	368.8	230.4	125.9	56.4	28.8	14.9	7.5
-47.5°	357.3	223.7	123.4	54.7	28.4	14.8	7.5
-50°	344.6	214.5	119.5	54.1	27.9	14.6	7.5
-52.5°	329.0	202.9	114.4	53.6	27.2	14.4	7.5
-55°	310.1	192.6	108.0	52.5	26.4	14.1	7.5
-57.5°	288.0	181.1	100.4	50.8	25.5	13.8	7.5
-60°	263.6	167.6	91.8	48.6	24.4	13.5	7.5
-62.5°	242.0	152.5	86.2	45.9	23.5	13.2	7.5
-65°	218.0	135.7	79.8	42.8	22.5	12.9	7.5
-67.5°	191.8	120.4	72.5	39.2	21.5	12.5	7.5
-70°	163.6	106.9	64.4	35.2	20.3	12.1	7.5
-72.5°	140.7	92.4	55.7	32.2	19.1	11.7	7.5
-75°	117.5	76.9	46.4	29.3	17.8	11.3	7.5
-77.5°	93.1	60.6	40.1	26.3	16.5	10.8	7.5
-80°	67.8	48.8	34.5	23.2	15.1	10.4	7.5
-82.5°	52.9	39.6	28.6	20.0	13.7	9.9	7.5
-85°	39.2	30.1	22.6	16.6	12.3	9.4	7.5
-87.5°	25.2	20.5	16.5	13.3	10.9	8.9	7.5
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5

(END OF REPORT)