

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: P1305639 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

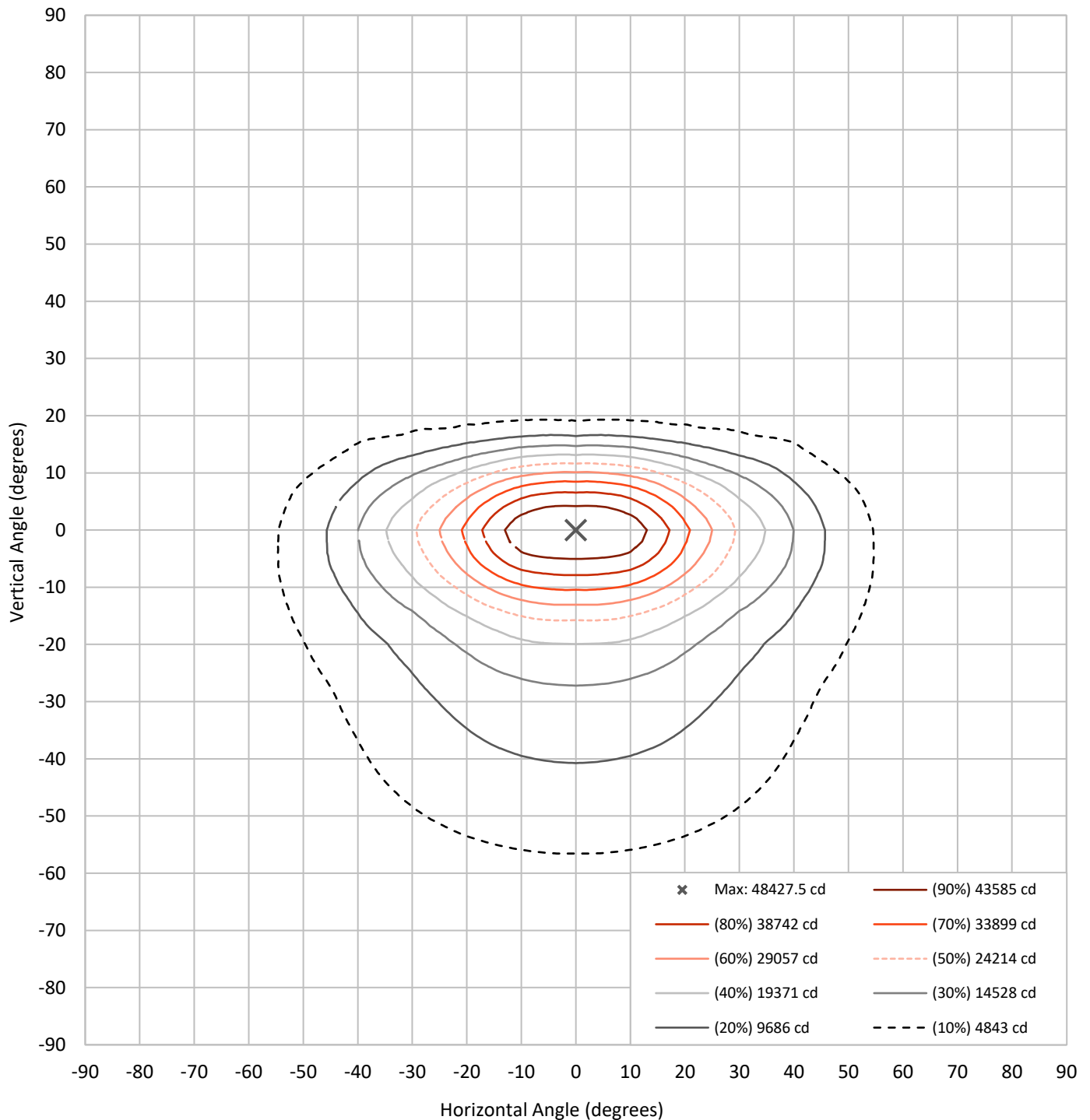
Test Method: LM-79-08
Report Number: P1305639 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 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:	32585.2 lumens	Max Intensity:	48427.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	50.3 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:	12950.7 lumens	Field Lumens:	28675.6 lumens
Beam Efficiency:	39.7%	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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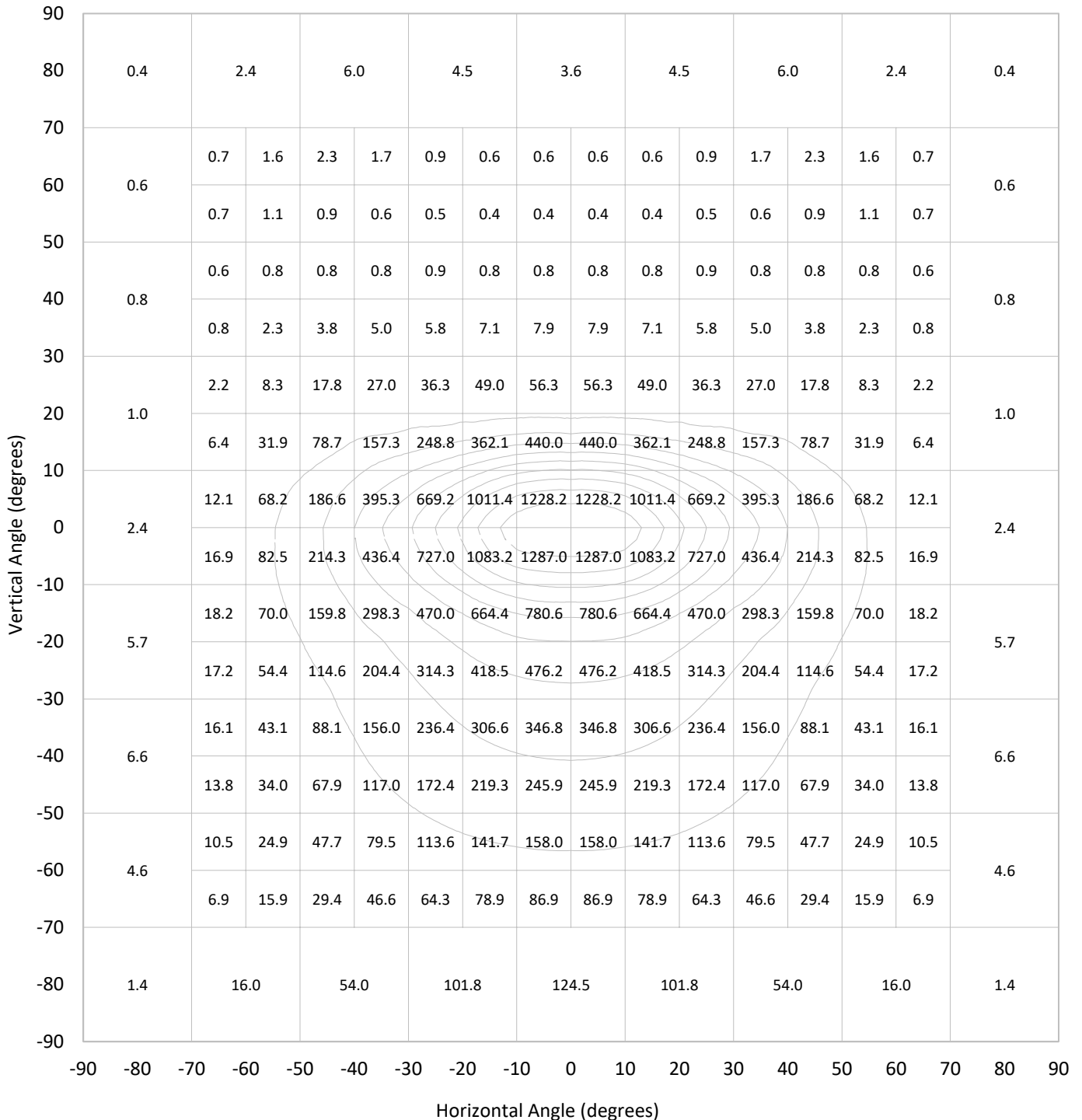
Iso-Candela Plot





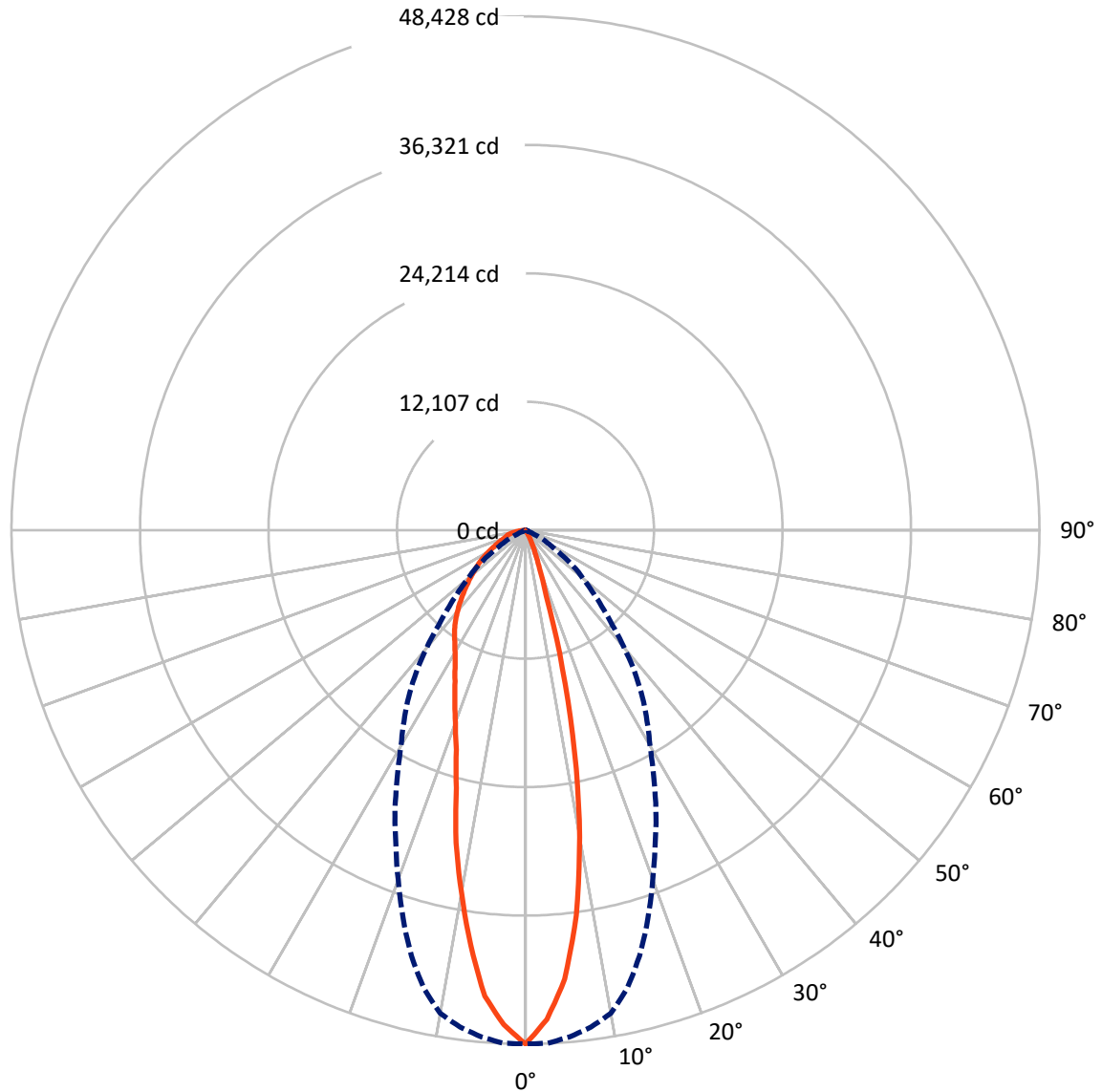
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Lumen Table



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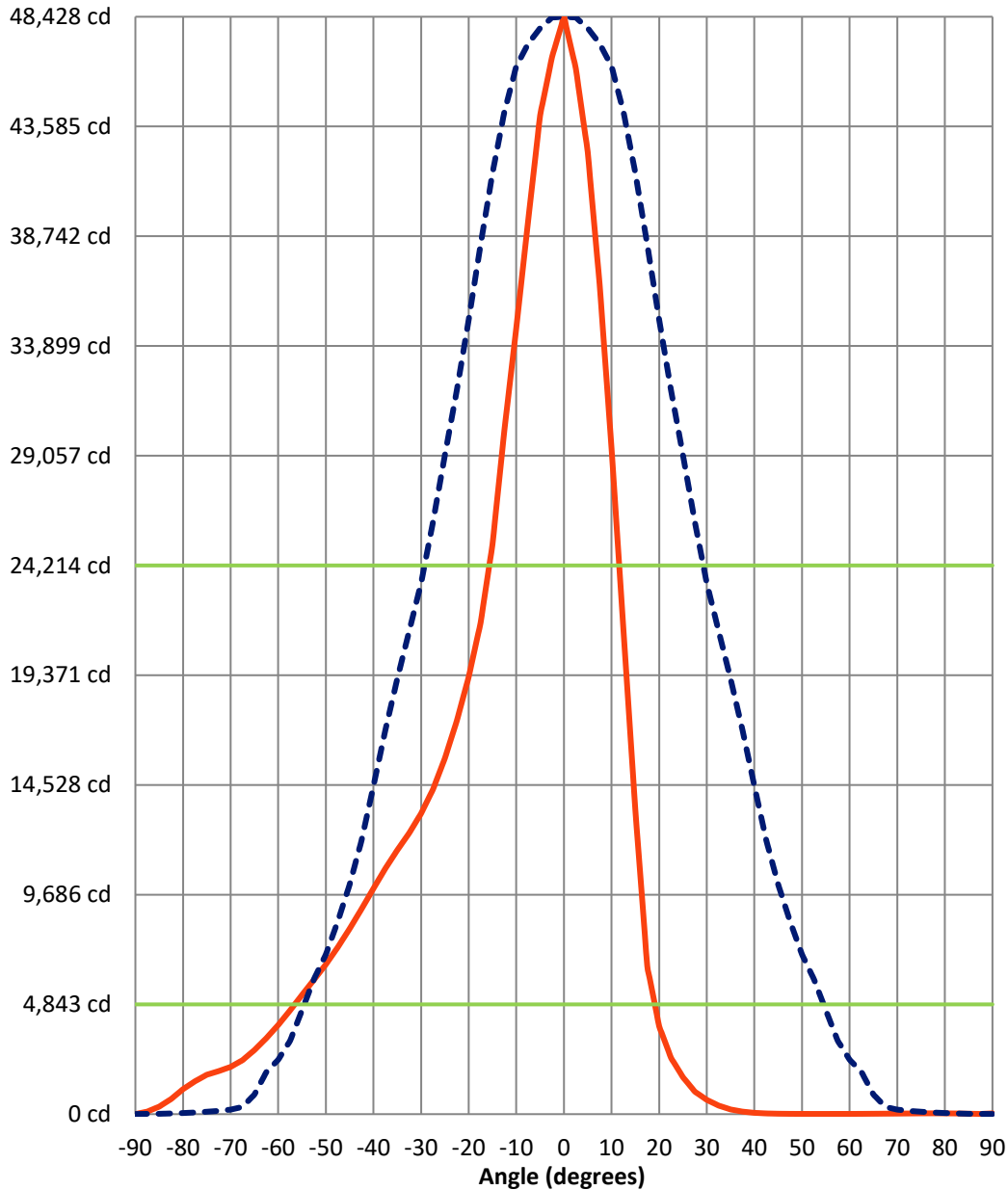
Luminous Intensity Polar Plot



— 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: 12950.7
 Efficiency: 39.7%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 28675.6
 Efficiency: 88.0%

Spill:
 Lumens: 3909.5
 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°	7.0	7.9	8.8	9.3	9.7	10.2	10.6	11.0	11.5	11.9	12.3
87.5°	7.0	7.3	7.8	8.3	9.0	9.8	10.6	10.8	10.9	10.9	10.7
85°	7.0	7.6	8.5	9.6	11.0	12.5	14.3	14.7	14.8	14.8	14.5
82.5°	7.0	7.9	9.3	10.9	12.9	15.2	17.9	18.6	18.9	20.3	22.8
80°	7.0	8.2	10.0	12.2	14.9	17.9	21.2	22.2	24.5	28.3	33.6
77.5°	7.0	8.5	10.8	13.5	16.8	20.0	22.9	25.5	29.8	36.0	42.2
75°	7.0	8.8	11.5	14.7	18.3	20.8	24.4	28.6	34.5	39.5	44.7
72.5°	7.0	9.1	12.2	15.9	18.7	21.6	25.9	31.0	36.2	41.5	47.1
70°	7.0	9.4	12.9	16.9	18.9	22.4	27.2	32.3	37.7	43.4	48.9
67.5°	7.0	9.6	13.5	16.8	19.1	23.0	28.2	33.4	39.1	44.8	50.4
65°	7.0	9.9	14.2	16.7	19.3	23.7	29.2	34.5	40.3	46.1	52.4
62.5°	7.0	10.2	14.8	16.6	19.3	24.7	30.2	35.4	41.4	47.6	55.4
60°	7.0	10.4	15.3	16.4	19.3	25.6	31.2	36.3	42.3	49.8	58.2
57.5°	7.0	10.6	15.2	16.2	20.0	26.5	32.4	37.2	43.8	51.8	59.2
55°	7.0	10.9	15.1	15.9	20.8	27.4	33.6	38.4	45.3	53.3	59.3
52.5°	7.0	11.1	14.9	15.6	21.6	28.4	34.9	40.0	46.5	53.3	59.4
50°	7.0	11.3	14.8	15.2	22.3	29.6	36.2	41.7	47.2	53.3	56.5
47.5°	7.0	11.5	14.8	15.1	23.0	30.8	37.6	43.4	47.0	53.1	53.6
45°	7.0	11.6	14.7	15.6	23.7	32.0	39.1	45.1	48.1	51.0	51.2
42.5°	7.0	11.8	14.7	16.0	24.3	33.2	40.5	46.5	49.4	49.2	48.8
40°	7.0	11.9	14.6	16.8	25.1	34.4	42.0	47.8	50.6	48.0	46.7
37.5°	7.0	12.0	14.6	17.7	26.0	35.7	43.4	49.1	51.6	49.2	45.0
35°	7.0	12.2	14.6	18.7	26.9	36.8	44.8	50.6	52.9	51.4	45.2
32.5°	7.0	12.3	14.7	19.6	27.8	37.9	46.2	52.2	54.7	54.7	54.1
30°	7.0	12.3	14.7	20.5	28.6	38.9	47.4	53.8	56.9	59.2	65.2
27.5°	7.0	12.4	14.8	21.5	30.3	39.9	48.6	55.4	59.8	64.7	78.4
25°	7.0	12.5	14.8	22.4	32.2	40.8	49.8	57.3	64.1	74.0	94.9
22.5°	7.0	12.5	14.9	23.3	34.1	42.4	51.1	59.3	68.9	85.9	148.9
20°	7.0	12.5	15.0	24.2	36.0	45.7	52.3	61.5	74.2	98.7	210.4
17.5°	7.0	12.6	15.1	25.1	37.9	49.2	56.8	63.8	79.9	112.2	278.0
15°	7.0	12.6	15.2	25.9	39.8	52.8	63.7	70.2	85.9	126.1	349.8
12.5°	7.0	12.5	15.3	26.7	41.6	56.4	70.8	82.2	99.7	140.4	424.0
10°	7.0	12.5	15.4	27.5	43.3	60.1	78.2	94.5	119.8	173.8	507.0
7.5°	7.0	12.5	15.5	28.2	45.0	63.7	85.6	107.1	140.3	210.6	605.8
5°	7.0	12.4	15.6	28.8	46.5	67.3	93.0	119.7	160.8	247.5	700.8
2.5°	7.0	12.4	15.7	29.4	48.0	70.7	100.3	132.1	181.0	283.7	789.4
0°	7.0	12.3	15.8	29.9	49.3	73.9	107.3	144.3	200.6	318.5	869.3
-2.5°	7.0	12.6	17.0	33.6	57.6	89.9	135.3	190.5	270.8	415.3	967.1
-5°	7.0	12.8	18.2	37.1	65.6	105.6	162.6	235.6	339.1	508.7	1053.9
-7.5°	7.0	13.1	19.4	40.5	73.3	120.5	188.8	278.9	404.5	597.7	1129.8
-10°	7.0	13.3	20.5	43.7	80.6	134.7	213.5	319.7	466.2	681.0	1195.1
-12.5°	7.0	13.5	21.6	46.6	87.3	147.8	236.4	357.5	523.2	754.5	1221.7
-15°	7.0	13.7	22.6	49.3	93.5	159.8	257.1	391.7	569.8	799.1	1227.4
-17.5°	7.0	13.8	23.5	51.7	99.0	170.4	275.4	421.3	605.3	838.0	1227.6
-20°	7.0	14.0	24.4	53.7	103.6	179.5	292.6	447.0	636.6	870.8	1223.1



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 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.0	14.1	25.2	55.4	107.5	187.0	309.9	469.1	663.4	897.4	1215.1
-25°	7.0	14.2	25.8	56.7	110.5	196.5	324.7	487.2	685.5	917.4	1204.3
-27.5°	7.0	14.3	26.4	57.6	112.5	205.7	336.8	501.3	702.8	933.9	1220.8
-30°	7.0	14.3	26.8	58.1	113.9	212.9	346.0	511.1	716.6	950.3	1230.5
-32.5°	7.0	14.3	27.2	58.1	117.6	218.0	352.3	519.8	725.7	960.4	1231.8
-35°	7.0	14.3	27.4	57.6	119.9	220.9	357.1	525.5	729.0	964.0	1224.6
-37.5°	7.0	14.3	27.5	56.7	120.8	222.2	359.5	527.1	726.5	961.2	1184.6
-40°	7.0	14.2	27.5	55.3	120.3	222.7	358.6	524.6	718.0	952.3	1142.8
-42.5°	7.0	14.1	27.4	53.9	119.5	220.9	354.4	518.0	708.4	913.7	1095.0
-45°	7.0	14.0	27.1	53.0	118.4	216.7	346.8	507.9	695.8	867.5	1041.8
-47.5°	7.0	13.9	26.7	51.4	116.0	210.4	336.0	494.5	677.2	817.5	985.2
-50°	7.0	13.7	26.2	50.9	112.4	201.7	324.1	476.8	637.1	771.2	924.1
-52.5°	7.0	13.5	25.6	50.4	107.6	190.9	309.5	454.7	594.7	720.8	859.3
-55°	7.0	13.2	24.8	49.3	101.6	181.2	291.7	428.8	549.9	666.3	796.6
-57.5°	7.0	13.0	23.9	47.8	94.4	170.3	270.9	401.3	502.5	610.9	729.3
-60°	7.0	12.7	22.9	45.7	86.4	157.7	248.0	364.6	453.9	553.3	659.7
-62.5°	7.0	12.4	22.1	43.2	81.1	143.4	227.6	324.4	407.8	492.9	590.6
-65°	7.0	12.1	21.1	40.2	75.0	127.6	205.0	285.4	360.5	437.7	518.6
-67.5°	7.0	11.7	20.1	36.8	68.1	113.2	180.4	251.4	311.9	383.0	453.8
-70°	7.0	11.3	19.1	33.0	60.6	100.6	153.9	216.7	272.8	327.0	391.5
-72.5°	7.0	11.0	17.9	30.2	52.3	86.9	132.4	181.4	233.3	283.3	331.3
-75°	7.0	10.6	16.7	27.6	43.6	72.3	110.5	149.9	193.3	239.3	283.6
-77.5°	7.0	10.1	15.5	24.7	37.7	56.9	87.6	119.0	154.1	193.8	235.4
-80°	7.0	9.7	14.2	21.8	32.4	45.9	63.7	87.2	114.0	144.5	178.5
-82.5°	7.0	9.3	12.9	18.8	26.9	37.2	49.7	60.3	73.0	94.0	117.8
-85°	7.0	8.8	11.5	15.6	21.2	28.3	36.9	44.0	51.6	59.9	68.7
-87.5°	7.0	8.4	10.2	12.5	15.5	19.3	23.8	27.5	31.6	35.9	40.5
-90°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0



REPORT NUMBER: P1305639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.8	13.2	13.7	14.1	15.4	16.8	18.1	19.4	21.6	23.8	26.0
87.5°	11.5	12.3	13.2	14.1	13.5	12.7	11.8	10.8	11.5	12.4	13.3
85°	15.9	17.6	19.8	21.7	21.6	21.7	22.0	22.5	24.0	25.3	26.3
82.5°	25.8	28.1	29.8	30.8	32.5	34.6	37.4	41.5	43.8	45.2	46.1
80°	36.8	38.8	40.3	43.3	48.5	54.6	61.2	68.3	70.7	70.9	70.2
77.5°	44.1	47.0	51.8	58.5	66.3	74.0	82.2	91.0	93.6	93.0	91.7
75°	49.0	54.7	61.9	70.8	80.4	90.2	100.5	110.0	112.8	109.9	106.2
72.5°	52.8	60.2	69.9	81.6	92.4	102.4	113.1	124.4	128.3	122.2	114.5
70°	55.3	64.9	76.5	88.9	101.2	112.0	122.0	132.9	139.1	128.6	113.5
67.5°	57.5	69.3	82.0	94.8	105.8	116.2	127.5	131.0	132.5	116.7	100.4
65°	60.7	73.4	84.9	96.2	108.1	111.5	113.9	116.4	113.8	95.8	78.1
62.5°	63.9	74.4	85.4	94.1	97.0	98.7	96.7	92.0	85.7	73.2	58.8
60°	64.9	74.1	81.2	83.9	84.7	81.1	75.5	69.8	63.3	53.0	43.0
57.5°	65.2	69.9	72.6	73.2	69.8	64.0	58.5	51.3	45.7	39.2	31.1
55°	63.7	62.7	64.0	61.8	56.9	50.8	44.3	39.4	32.8	29.0	24.3
52.5°	59.3	56.8	55.6	52.0	46.6	40.9	35.7	30.9	27.1	22.9	19.9
50°	55.4	52.0	48.3	44.1	39.9	36.1	30.1	26.8	23.6	20.3	17.6
47.5°	51.8	47.8	42.3	38.8	38.2	35.9	30.2	25.0	22.1	22.0	19.6
45°	48.5	45.2	38.9	39.6	40.7	40.6	36.5	24.4	27.2	27.7	26.3
42.5°	45.8	44.4	46.2	42.0	48.7	52.3	49.1	40.9	36.4	40.4	42.0
40°	46.1	45.5	60.8	60.4	61.4	70.9	75.5	69.7	53.6	63.5	68.1
37.5°	48.0	63.9	83.0	89.3	83.7	100.0	109.8	116.6	104.0	95.8	110.0
35°	51.0	87.0	115.4	128.8	129.5	138.9	164.5	174.9	166.5	153.7	165.1
32.5°	66.6	114.5	153.8	176.5	197.3	207.0	229.7	240.5	249.7	249.7	244.9
30°	99.6	150.9	198.3	229.2	279.4	325.0	315.1	317.4	351.1	385.3	402.0
27.5°	156.0	196.0	247.9	303.8	380.4	469.1	485.0	440.0	485.7	549.1	605.3
25°	227.0	332.3	300.8	392.6	520.2	643.2	708.6	739.8	677.2	769.4	902.3
22.5°	325.1	505.1	506.6	489.5	677.3	849.4	1010.5	1164.9	1244.8	1144.6	1282.8
20°	457.3	689.7	764.2	846.7	912.4	1083.7	1361.9	1698.8	2007.3	2181.9	2101.9
17.5°	609.3	891.5	1062.3	1283.4	1501.8	1595.4	1772.6	2324.3	2923.2	3433.1	3707.2
15°	776.5	1106.9	1384.7	1764.9	2157.9	2454.0	2760.9	3235.0	4025.6	4897.9	5596.2
12.5°	954.4	1332.6	1725.3	2281.1	2864.8	3351.8	3899.1	4619.9	5532.0	6620.1	7757.6
10°	1137.6	1564.4	2077.6	2820.3	3607.7	4276.3	5059.5	6005.1	7169.7	8525.5	9955.2
7.5°	1331.7	1791.2	2424.8	3370.1	4370.2	5213.9	6226.6	7377.2	8790.5	10402.0	12125.7
5°	1519.8	2005.3	2714.2	3812.2	4988.9	6005.2	7289.9	8717.8	10375.0	12228.6	14259.8
2.5°	1695.2	2210.3	2988.4	4216.7	5491.1	6546.2	7921.7	9457.0	11326.3	13511.8	15861.1
0°	1853.0	2403.8	3243.2	4589.4	5954.9	7049.4	8501.2	10134.2	12082.2	14480.7	16949.6
-2.5°	1921.4	2504.7	3358.0	4644.9	5943.4	7058.5	8455.5	10121.4	12000.0	14286.8	16708.5
-5°	1969.8	2590.0	3448.6	4665.0	5893.5	7025.6	8358.0	10031.9	11738.7	13772.8	15942.4
-7.5°	2000.4	2657.7	3513.9	4630.7	5730.7	6767.6	7926.6	9352.5	10908.7	12719.3	14629.4
-10°	2006.8	2650.4	3415.8	4407.8	5414.5	6365.3	7398.1	8636.3	10027.9	11611.3	13272.0
-12.5°	1944.5	2577.1	3277.6	4169.0	5087.2	5947.3	6851.7	7903.6	9109.7	10471.0	11941.1
-15°	1876.8	2494.0	3129.0	3920.1	4756.7	5520.9	6296.8	7169.3	8239.3	9479.5	10747.4
-17.5°	1807.3	2402.7	2973.0	3666.6	4430.5	5092.6	5771.8	6600.4	7559.2	8604.2	9636.2
-20°	1739.1	2304.5	2812.7	3413.5	4113.5	4738.6	5401.0	6129.1	6934.0	7785.7	8606.1



REPORT NUMBER: P1305639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1675.0	2200.7	2664.4	3201.2	3841.1	4440.5	5032.1	5657.7	6324.2	7013.8	7879.5
-25°	1632.0	2101.1	2535.1	3032.8	3585.4	4138.6	4660.4	5198.2	5771.9	6534.6	7336.5
-27.5°	1605.3	2016.2	2421.5	2863.6	3340.6	3840.7	4312.9	4787.3	5426.9	6113.2	6822.9
-30°	1579.1	1931.8	2303.1	2703.8	3137.9	3571.8	3978.4	4514.3	5110.7	5738.6	6369.7
-32.5°	1529.2	1843.1	2195.2	2566.0	2949.7	3325.3	3749.9	4276.9	4823.9	5376.0	5945.6
-35°	1467.3	1764.9	2089.3	2426.0	2770.0	3141.5	3571.9	4035.9	4538.4	5052.0	5614.2
-37.5°	1413.3	1679.8	1979.5	2293.6	2615.8	2981.7	3377.4	3810.9	4268.9	4749.2	5285.9
-40°	1353.4	1588.2	1875.6	2170.1	2472.7	2814.6	3187.4	3581.3	4002.8	4462.0	4943.8
-42.5°	1289.2	1515.3	1768.7	2043.4	2331.1	2643.8	2982.3	3352.8	3746.1	4164.1	4605.4
-45°	1229.5	1436.8	1659.9	1916.4	2182.5	2467.0	2780.8	3113.4	3486.1	3871.0	4268.5
-47.5°	1163.2	1355.1	1566.3	1780.9	2030.2	2292.4	2570.6	2885.2	3214.5	3572.0	3938.9
-50°	1091.7	1273.8	1459.7	1656.1	1874.2	2113.9	2368.0	2651.1	2955.9	3268.1	3598.2
-52.5°	1018.2	1185.6	1353.8	1528.7	1723.3	1936.3	2167.4	2417.9	2692.2	2978.5	3263.4
-55°	939.8	1094.4	1244.0	1403.1	1572.7	1762.4	1966.6	2189.9	2420.0	2680.7	2931.7
-57.5°	860.6	996.7	1132.8	1277.2	1428.4	1587.2	1773.2	1962.4	2169.8	2384.2	2593.2
-60°	778.7	897.4	1018.5	1148.9	1285.5	1429.4	1580.8	1749.6	1925.4	2098.8	2283.0
-62.5°	693.6	798.3	904.9	1016.7	1139.4	1269.0	1404.3	1545.1	1690.0	1840.9	1989.6
-65°	611.6	700.4	793.4	891.2	989.5	1108.3	1228.1	1346.5	1473.2	1595.4	1714.6
-67.5°	528.2	612.3	690.5	766.8	857.5	959.4	1053.5	1160.8	1266.9	1367.4	1464.5
-70°	458.9	526.3	598.1	667.1	738.6	825.3	917.6	1002.9	1083.3	1167.5	1258.5
-72.5°	392.3	457.3	517.4	572.6	644.9	726.1	801.8	872.2	948.8	1028.8	1102.5
-75°	331.3	388.0	446.6	500.9	561.2	632.0	708.2	780.0	845.1	909.9	976.9
-77.5°	272.6	315.2	364.5	420.2	479.9	535.1	595.3	660.3	721.1	782.9	848.4
-80°	209.3	239.6	273.1	311.7	356.2	404.8	457.0	512.5	561.2	605.9	650.0
-82.5°	140.8	164.0	187.4	211.0	235.8	262.0	290.9	326.3	357.8	389.5	421.6
-85°	78.0	87.8	103.8	120.0	133.8	148.4	163.7	179.8	194.8	209.4	223.8
-87.5°	45.4	50.6	55.9	61.5	65.2	68.7	72.1	75.3	79.6	83.7	87.7
-90°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	28.2	28.6	29.1	29.5	29.9	31.2	32.6	33.9	35.2	34.8	34.3
87.5°	14.2	14.0	13.8	13.5	13.3	14.6	16.0	17.4	18.9	17.3	15.7
85°	27.0	27.2	27.2	27.1	27.0	28.8	30.6	32.4	34.1	31.5	28.7
82.5°	46.4	45.6	44.0	41.8	39.0	38.4	37.7	36.6	35.3	33.8	32.4
80°	68.9	65.6	61.4	56.4	50.8	47.9	45.1	42.0	38.5	37.5	36.7
77.5°	88.8	82.9	75.6	67.7	59.3	54.2	49.9	45.4	40.8	39.8	39.4
75°	101.6	93.8	83.2	72.2	60.9	53.7	48.6	43.6	38.6	37.1	36.5
72.5°	105.4	94.6	82.3	68.5	55.2	46.8	42.0	37.7	33.9	32.3	31.5
70°	98.6	84.2	70.5	57.3	45.1	37.3	33.9	31.0	28.5	27.4	27.0
67.5°	83.3	68.3	55.4	44.4	35.5	29.8	27.8	26.1	24.5	23.5	22.8
65°	63.3	51.5	42.2	34.7	29.1	25.6	24.0	22.6	21.2	20.1	19.2
62.5°	46.5	37.9	32.4	28.2	24.9	22.6	21.1	19.8	18.8	17.9	17.2
60°	35.1	29.2	25.8	23.1	21.0	19.5	18.6	17.8	17.0	16.3	15.6
57.5°	26.8	23.2	20.7	19.4	18.4	17.8	17.1	16.2	15.4	14.6	13.9
55°	21.2	19.3	17.9	17.5	17.1	16.4	15.6	14.9	14.1	13.0	12.2
52.5°	17.8	17.6	17.6	17.3	16.8	16.3	15.7	14.6	13.6	12.5	11.9
50°	17.6	17.7	17.8	17.5	16.9	16.4	15.9	15.1	14.4	13.7	13.2
47.5°	18.3	18.5	19.5	17.9	17.6	18.1	17.7	17.1	16.9	16.5	16.0
45°	21.5	25.2	26.2	24.8	21.8	24.2	23.4	20.6	22.3	22.1	20.7
42.5°	38.2	42.2	45.3	43.4	37.1	39.2	39.2	35.0	36.2	36.3	34.7
40°	72.9	71.5	76.6	74.5	67.7	65.3	68.2	63.3	62.4	64.8	62.0
37.5°	120.1	121.0	118.7	119.0	116.5	110.0	113.9	112.5	108.6	116.2	117.0
35°	187.8	193.7	175.3	182.5	185.7	178.5	183.0	195.8	187.7	205.3	210.1
32.5°	278.5	290.5	281.8	273.5	287.3	298.3	303.5	330.7	337.9	353.9	372.9
30°	390.3	421.6	446.3	430.8	429.1	468.1	490.6	527.1	562.4	583.6	622.4
27.5°	622.7	613.1	672.0	689.4	650.6	712.9	797.4	813.4	921.2	930.0	1005.4
25°	984.2	979.2	996.9	1082.3	1104.1	1135.3	1280.2	1356.8	1480.4	1547.2	1605.0
22.5°	1469.5	1606.7	1630.1	1590.9	1778.6	1901.4	1941.9	2162.3	2263.2	2413.7	2459.0
20°	2076.6	2395.6	2798.6	2805.0	2727.7	3081.4	3228.0	3343.8	3590.2	3761.9	3878.3
17.5°	3668.1	3665.6	4488.8	4943.5	4892.1	5146.7	5867.2	5792.8	6374.9	6727.8	6742.7
15°	6003.8	6439.1	6961.4	7786.4	8488.4	9054.4	9738.5	10632.2	11356.0	12206.1	12851.5
12.5°	8675.9	9533.3	10427.3	11368.3	12470.1	13721.3	15082.2	16273.6	17690.8	18931.0	20213.4
10°	11353.3	12711.2	13973.0	15379.2	16945.3	18612.0	20607.8	22351.5	24447.9	26286.6	27495.4
7.5°	13808.3	15437.3	17142.6	19186.8	21372.7	23465.6	25725.0	28170.8	30623.4	32747.8	34551.8
5°	16207.9	18039.1	19929.3	22181.0	24679.0	27301.5	30097.4	32989.9	35559.8	37979.9	40086.3
2.5°	18090.3	20187.9	22347.5	24893.6	27581.2	30238.9	33037.6	36151.5	39140.3	41970.7	44134.7
0°	19209.1	21313.7	23432.5	26130.1	29081.2	31937.2	35057.2	38372.5	41527.7	44234.1	46240.2
-2.5°	18763.4	20813.4	22954.2	25619.4	28462.5	31123.6	34104.6	37316.1	40372.0	43113.1	45195.1
-5°	17755.8	19595.0	21557.4	24021.7	26681.4	29325.3	32247.8	35302.9	37939.2	40372.2	42238.9
-7.5°	16338.8	18035.5	19865.7	22147.3	24593.1	26901.9	29290.8	31755.6	34154.6	36235.5	37771.4
-10°	14833.8	16369.8	17945.3	19774.9	21859.5	23874.6	25890.2	28138.3	30115.5	31833.4	33100.1
-12.5°	13324.6	14586.4	15829.3	17228.3	19017.1	20830.7	22573.9	24459.0	26033.9	27451.1	28578.0
-15°	11876.0	12858.3	13801.4	15155.5	16730.6	18070.0	19142.7	20850.1	21919.1	23179.0	23966.8
-17.5°	10529.5	11313.9	12460.1	13624.0	14747.8	15848.5	17086.3	18097.1	19146.5	20175.5	20852.6
-20°	9470.1	10440.3	11409.0	12355.6	13321.0	14371.7	15351.5	16306.7	17221.2	18012.0	18554.8



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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°	8780.5	9641.8	10457.2	11309.1	12249.5	13131.8	13959.6	14839.2	15621.1	16211.6	16653.3
-25°	8118.3	8867.3	9660.7	10512.9	11308.7	12051.3	12813.6	13492.6	14159.8	14651.5	15064.8
-27.5°	7521.4	8232.0	9013.7	9769.1	10478.4	11172.4	11820.2	12382.6	12938.5	13331.8	13742.7
-30°	7002.2	7721.9	8432.9	9104.4	9770.6	10399.4	10970.6	11504.6	11971.0	12354.1	12698.6
-32.5°	6610.1	7262.7	7895.8	8524.0	9155.4	9735.1	10235.2	10748.1	11177.2	11544.5	11856.5
-35°	6222.4	6836.0	7421.2	7996.8	8578.0	9136.9	9621.0	10067.7	10490.1	10818.8	11104.7
-37.5°	5844.2	6416.4	6957.9	7475.6	8007.3	8522.6	8964.2	9383.7	9761.3	10065.1	10336.3
-40°	5463.3	5987.5	6471.6	6953.9	7431.6	7863.4	8278.5	8665.0	8988.5	9268.5	9515.3
-42.5°	5069.8	5531.3	5967.9	6409.4	6845.7	7227.8	7594.1	7941.3	8216.6	8464.8	8678.6
-45°	4674.8	5080.8	5480.9	5877.5	6236.6	6589.3	6921.4	7214.5	7462.8	7682.5	7867.9
-47.5°	4294.5	4639.7	5005.6	5367.3	5675.8	5977.8	6268.2	6516.8	6732.4	6924.6	7087.7
-50°	3914.5	4222.5	4541.7	4852.1	5135.1	5400.1	5643.6	5860.7	6057.2	6223.3	6363.3
-52.5°	3538.3	3824.3	4097.2	4349.6	4606.7	4850.4	5076.8	5266.7	5438.9	5592.5	5715.8
-55°	3179.2	3432.1	3687.3	3902.2	4110.0	4313.0	4501.6	4671.2	4827.2	4968.4	5078.9
-57.5°	2817.0	3037.5	3250.8	3443.5	3630.0	3809.0	3961.8	4094.7	4219.2	4333.3	4430.8
-60°	2467.3	2651.1	2831.3	2992.1	3147.4	3296.4	3426.6	3539.7	3640.0	3728.4	3808.3
-62.5°	2139.1	2297.0	2440.6	2570.4	2691.9	2813.4	2924.4	3022.2	3107.2	3180.0	3242.5
-65°	1837.3	1968.0	2082.8	2190.3	2291.3	2393.6	2482.7	2563.0	2634.5	2694.6	2742.9
-67.5°	1569.0	1671.3	1766.9	1850.2	1936.0	2023.1	2103.7	2174.0	2234.6	2282.7	2320.1
-70°	1342.7	1425.5	1511.2	1594.2	1675.9	1750.8	1820.5	1882.7	1938.2	1979.5	2012.6
-72.5°	1170.0	1239.8	1318.9	1402.6	1480.2	1554.6	1625.5	1691.4	1752.8	1792.2	1822.9
-75°	1045.9	1118.0	1188.7	1258.5	1327.2	1392.7	1458.7	1526.0	1594.0	1634.0	1666.2
-77.5°	908.8	959.3	1011.9	1068.9	1129.4	1188.2	1245.7	1302.4	1358.0	1385.9	1407.2
-80°	696.7	737.1	776.6	816.7	856.9	898.3	940.0	981.3	1022.0	1040.8	1054.8
-82.5°	454.1	481.8	508.2	533.5	557.7	578.4	597.8	615.8	632.3	640.5	646.0
-85°	237.8	250.0	261.5	272.4	282.6	289.0	294.4	299.0	302.8	307.9	312.3
-87.5°	91.6	95.0	98.4	101.6	104.8	106.4	107.8	109.0	110.0	111.6	113.1
-90°	7.0	6.6	6.2	5.7	5.3	4.9	4.4	4.0	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°	33.9	33.4	34.3	35.2	34.3	33.4	33.9	34.3	34.8	35.2	33.9
87.5°	14.0	12.3	11.4	10.6	11.4	12.3	14.0	15.7	17.3	18.9	17.4
85°	25.8	22.8	21.1	19.4	21.1	22.8	25.8	28.7	31.5	34.1	32.4
82.5°	31.1	29.8	29.9	29.9	29.9	29.8	31.1	32.4	33.8	35.3	36.6
80°	35.9	35.1	35.2	35.2	35.2	35.1	35.9	36.7	37.5	38.5	42.0
77.5°	39.1	38.7	37.9	37.0	37.9	38.7	39.1	39.4	39.8	40.8	45.4
75°	35.9	35.3	35.2	35.2	35.2	35.3	35.9	36.5	37.1	38.6	43.6
72.5°	30.7	30.1	29.9	29.9	29.9	30.1	30.7	31.5	32.3	33.9	37.7
70°	26.7	26.5	25.6	24.6	25.6	26.5	26.7	27.0	27.4	28.5	31.0
67.5°	22.0	21.4	21.1	21.1	21.1	21.4	22.0	22.8	23.5	24.5	26.1
65°	18.5	17.8	17.6	17.6	17.6	17.8	18.5	19.2	20.1	21.2	22.6
62.5°	16.6	16.0	15.1	14.1	15.1	16.0	16.6	17.2	17.9	18.8	19.8
60°	14.9	14.3	13.4	12.3	13.4	14.3	14.9	15.6	16.3	17.0	17.8
57.5°	13.2	12.6	12.3	12.3	12.3	12.6	13.2	13.9	14.6	15.4	16.2
55°	11.5	10.9	10.6	10.6	10.6	10.9	11.5	12.2	13.0	14.1	14.9
52.5°	11.4	10.8	10.6	10.6	10.6	10.8	11.4	11.9	12.5	13.6	14.6
50°	12.9	12.4	12.3	12.3	12.3	12.4	12.9	13.2	13.7	14.4	15.1
47.5°	15.4	14.6	14.1	14.1	14.1	14.6	15.4	16.0	16.5	16.9	17.1
45°	20.3	19.7	19.3	19.4	19.3	19.7	20.3	20.7	22.1	22.3	20.6
42.5°	35.0	34.0	32.6	31.7	32.6	34.0	35.0	34.7	36.3	36.2	35.0
40°	62.1	60.8	58.7	58.1	58.7	60.8	62.1	62.0	64.8	62.4	63.3
37.5°	118.6	117.7	113.9	112.6	113.9	117.7	118.6	117.0	116.2	108.6	112.5
35°	209.7	211.3	207.8	207.6	207.8	211.3	209.7	210.1	205.3	187.7	195.8
32.5°	379.2	383.3	372.6	378.3	372.6	383.3	379.2	372.9	353.9	337.9	330.7
30°	621.2	635.1	629.0	631.7	629.0	635.1	621.2	622.4	583.6	562.4	527.1
27.5°	1012.7	1023.0	1001.7	994.2	1001.7	1023.0	1012.7	1005.4	930.0	921.2	813.4
25°	1637.6	1644.1	1623.2	1631.3	1623.2	1644.1	1637.6	1605.0	1547.2	1480.4	1356.8
22.5°	2550.9	2526.4	2503.3	2481.2	2503.3	2526.4	2550.9	2459.0	2413.7	2263.2	2162.3
20°	3986.4	3930.1	3922.5	3880.2	3922.5	3930.1	3986.4	3878.3	3761.9	3590.2	3343.8
17.5°	7102.6	7204.8	6977.8	6539.1	6977.8	7204.8	7102.6	6742.7	6727.8	6374.9	5792.8
15°	13231.6	13711.9	13918.2	13414.4	13918.2	13711.9	13231.6	12851.5	12206.1	11356.0	10632.2
12.5°	20921.3	21259.4	21668.9	21370.1	21668.9	21259.4	20921.3	20213.4	18931.0	17690.8	16273.6
10°	28533.7	29039.8	29659.6	29380.3	29659.6	29039.8	28533.7	27495.4	26286.6	24447.9	22351.5
7.5°	35544.6	36416.6	36961.2	36611.0	36961.2	36416.6	35544.6	34551.8	32747.8	30623.4	28170.8
5°	41528.0	42217.3	42545.7	42455.0	42545.7	42217.3	41528.0	40086.3	37979.9	35559.8	32989.9
2.5°	45365.1	46092.9	46387.0	46142.5	46387.0	46092.9	45365.1	44134.7	41970.7	39140.3	36151.5
0°	47240.6	47922.5	48390.5	48427.5	48390.5	47922.5	47240.6	46240.2	44234.1	41527.7	38372.5
-2.5°	46156.7	46571.2	46795.1	46645.9	46795.1	46571.2	46156.7	45195.1	43113.1	40372.0	37316.1
-5°	43318.2	43756.4	43898.6	44072.2	43898.6	43756.4	43318.2	42238.9	40372.2	37939.2	35302.9
-7.5°	38635.3	39116.1	39470.5	39455.6	39470.5	39116.1	38635.3	37771.4	36235.5	34154.6	31755.6
-10°	34042.1	34399.3	34769.1	34707.0	34769.1	34399.3	34042.1	33100.1	31833.4	30115.5	28138.3
-12.5°	29490.1	30085.9	30230.7	30187.2	30230.7	30085.9	29490.1	28578.0	27451.1	26033.9	24459.0
-15°	24863.7	25305.2	25269.0	25151.7	25269.0	25305.2	24863.7	23966.8	23179.0	21919.1	20850.1
-17.5°	21438.5	21681.9	21774.9	21683.3	21774.9	21681.9	21438.5	20852.6	20175.5	19146.5	18097.1
-20°	19001.2	19189.3	19252.6	19295.3	19252.6	19189.3	19001.2	18554.8	18012.0	17221.2	16306.7



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17033.7	17225.9	17281.5	17354.4	17281.5	17225.9	17033.7	16653.3	16211.6	15621.1	14839.2
-25°	15383.6	15571.4	15634.9	15707.3	15634.9	15571.4	15383.6	15064.8	14651.5	14159.8	13492.6
-27.5°	14018.3	14201.6	14278.0	14332.9	14278.0	14201.6	14018.3	13742.7	13331.8	12938.5	12382.6
-30°	12943.2	13123.7	13232.8	13268.3	13232.8	13123.7	12943.2	12698.6	12354.1	11971.0	11504.6
-32.5°	12090.2	12247.8	12350.4	12402.5	12350.4	12247.8	12090.2	11856.5	11544.5	11177.2	10748.1
-35°	11330.5	11488.7	11595.3	11649.4	11595.3	11488.7	11330.5	11104.7	10818.8	10490.1	10067.7
-37.5°	10553.6	10725.9	10838.6	10841.6	10838.6	10725.9	10553.6	10336.3	10065.1	9761.3	9383.7
-40°	9696.5	9833.1	9922.5	9958.3	9922.5	9833.1	9696.5	9515.3	9268.5	8988.5	8665.0
-42.5°	8836.8	8952.8	9025.3	9055.5	9025.3	8952.8	8836.8	8678.6	8464.8	8216.6	7941.3
-45°	8016.0	8133.0	8193.5	8184.5	8193.5	8133.0	8016.0	7867.9	7682.5	7462.8	7214.5
-47.5°	7213.0	7303.8	7353.3	7364.4	7353.3	7303.8	7213.0	7087.7	6924.6	6732.4	6516.8
-50°	6482.1	6578.2	6619.3	6607.8	6619.3	6578.2	6482.1	6363.3	6223.3	6057.2	5860.7
-52.5°	5817.4	5899.1	5934.6	5930.3	5934.6	5899.1	5817.4	5715.8	5592.5	5438.9	5266.7
-55°	5169.4	5240.0	5268.1	5263.3	5268.1	5240.0	5169.4	5078.9	4968.4	4827.2	4671.2
-57.5°	4511.6	4575.3	4594.1	4582.3	4594.1	4575.3	4511.6	4430.8	4333.3	4219.2	4094.7
-60°	3874.6	3926.9	3943.2	3936.5	3943.2	3926.9	3874.6	3808.3	3728.4	3640.0	3539.7
-62.5°	3294.2	3334.6	3351.3	3352.3	3351.3	3334.6	3294.2	3242.5	3180.0	3107.2	3022.2
-65°	2782.0	2811.9	2825.3	2827.9	2825.3	2811.9	2782.0	2742.9	2694.6	2634.5	2563.0
-67.5°	2350.3	2373.7	2381.8	2382.7	2381.8	2373.7	2350.3	2320.1	2282.7	2234.6	2174.0
-70°	2042.1	2068.2	2079.1	2085.3	2079.1	2068.2	2042.1	2012.6	1979.5	1938.2	1882.7
-72.5°	1851.7	1878.5	1891.1	1900.5	1891.1	1878.5	1851.7	1822.9	1792.2	1752.8	1691.4
-75°	1696.8	1725.2	1734.2	1738.6	1734.2	1725.2	1696.8	1666.2	1634.0	1594.0	1526.0
-77.5°	1425.5	1440.9	1446.6	1448.3	1446.6	1440.9	1425.5	1407.2	1385.9	1358.0	1302.4
-80°	1065.9	1074.0	1089.2	1101.6	1089.2	1074.0	1065.9	1054.8	1040.8	1022.0	981.3
-82.5°	649.5	650.8	659.7	666.9	659.7	650.8	649.5	646.0	640.5	632.3	615.8
-85°	315.9	318.7	326.0	332.6	326.0	318.7	315.9	312.3	307.9	302.8	299.0
-87.5°	114.5	115.8	115.2	114.4	115.2	115.8	114.5	113.1	111.6	110.0	109.0
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	32.6	31.2	29.9	29.5	29.1	28.6	28.2	26.0	23.8	21.6	19.4
87.5°	16.0	14.6	13.3	13.5	13.8	14.0	14.2	13.3	12.4	11.5	10.8
85°	30.6	28.8	27.0	27.1	27.2	27.2	27.0	26.3	25.3	24.0	22.5
82.5°	37.7	38.4	39.0	41.8	44.0	45.6	46.4	46.1	45.2	43.8	41.5
80°	45.1	47.9	50.8	56.4	61.4	65.6	68.9	70.2	70.9	70.7	68.3
77.5°	49.9	54.2	59.3	67.7	75.6	82.9	88.8	91.7	93.0	93.6	91.0
75°	48.6	53.7	60.9	72.2	83.2	93.8	101.6	106.2	109.9	112.8	110.0
72.5°	42.0	46.8	55.2	68.5	82.3	94.6	105.4	114.5	122.2	128.3	124.4
70°	33.9	37.3	45.1	57.3	70.5	84.2	98.6	113.5	128.6	139.1	132.9
67.5°	27.8	29.8	35.5	44.4	55.4	68.3	83.3	100.4	116.7	132.5	131.0
65°	24.0	25.6	29.1	34.7	42.2	51.5	63.3	78.1	95.8	113.8	116.4
62.5°	21.1	22.6	24.9	28.2	32.4	37.9	46.5	58.8	73.2	85.7	92.0
60°	18.6	19.5	21.0	23.1	25.8	29.2	35.1	43.0	53.0	63.3	69.8
57.5°	17.1	17.8	18.4	19.4	20.7	23.2	26.8	31.1	39.2	45.7	51.3
55°	15.6	16.4	17.1	17.5	17.9	19.3	21.2	24.3	29.0	32.8	39.4
52.5°	15.7	16.3	16.8	17.3	17.6	17.6	17.8	19.9	22.9	27.1	30.9
50°	15.9	16.4	16.9	17.5	17.8	17.7	17.6	17.6	20.3	23.6	26.8
47.5°	17.7	18.1	17.6	17.9	19.5	18.5	18.3	19.6	22.0	22.1	25.0
45°	23.4	24.2	21.8	24.8	26.2	25.2	21.5	26.3	27.7	27.2	24.4
42.5°	39.2	39.2	37.1	43.4	45.3	42.2	38.2	42.0	40.4	36.4	40.9
40°	68.2	65.3	67.7	74.5	76.6	71.5	72.9	68.1	63.5	53.6	69.7
37.5°	113.9	110.0	116.5	119.0	118.7	121.0	120.1	110.0	95.8	104.0	116.6
35°	183.0	178.5	185.7	182.5	175.3	193.7	187.8	165.1	153.7	166.5	174.9
32.5°	303.5	298.3	287.3	273.5	281.8	290.5	278.5	244.9	249.7	249.7	240.5
30°	490.6	468.1	429.1	430.8	446.3	421.6	390.3	402.0	385.3	351.1	317.4
27.5°	797.4	712.9	650.6	689.4	672.0	613.1	622.7	605.3	549.1	485.7	440.0
25°	1280.2	1135.3	1104.1	1082.3	996.9	979.2	984.2	902.3	769.4	677.2	739.8
22.5°	1941.9	1901.4	1778.6	1590.9	1630.1	1606.7	1469.5	1282.8	1144.6	1244.8	1164.9
20°	3228.0	3081.4	2727.7	2805.0	2798.6	2395.6	2076.6	2101.9	2181.9	2007.3	1698.8
17.5°	5867.2	5146.7	4892.1	4943.5	4488.8	3665.6	3668.1	3707.2	3433.1	2923.2	2324.3
15°	9738.5	9054.4	8488.4	7786.4	6961.4	6439.1	6003.8	5596.2	4897.9	4025.6	3235.0
12.5°	15082.2	13721.3	12470.1	11368.3	10427.3	9533.3	8675.9	7757.6	6620.1	5532.0	4619.9
10°	20607.8	18612.0	16945.3	15379.2	13973.0	12711.2	11353.3	9955.2	8525.5	7169.7	6005.1
7.5°	25725.0	23465.6	21372.7	19186.8	17142.6	15437.3	13808.3	12125.7	10402.0	8790.5	7377.2
5°	30097.4	27301.5	24679.0	22181.0	19929.3	18039.1	16207.9	14259.8	12228.6	10375.0	8717.8
2.5°	33037.6	30238.9	27581.2	24893.6	22347.5	20187.9	18090.3	15861.1	13511.8	11326.3	9457.0
0°	35057.2	31937.2	29081.2	26130.1	23432.5	21313.7	19209.1	16949.6	14480.7	12082.2	10134.2
-2.5°	34104.6	31123.6	28462.5	25619.4	22954.2	20813.4	18763.4	16708.5	14286.8	12000.0	10121.4
-5°	32247.8	29325.3	26681.4	24021.7	21557.4	19595.0	17755.8	15942.4	13772.8	11738.7	10031.9
-7.5°	29290.8	26901.9	24593.1	22147.3	19865.7	18035.5	16338.8	14629.4	12719.3	10908.7	9352.5
-10°	25890.2	23874.6	21859.5	19774.9	17945.3	16369.8	14833.8	13272.0	11611.3	10027.9	8636.3
-12.5°	22573.9	20830.7	19017.1	17228.3	15829.3	14586.4	13324.6	11941.1	10471.0	9109.7	7903.6
-15°	19142.7	18070.0	16730.6	15155.5	13801.4	12858.3	11876.0	10747.4	9479.5	8239.3	7169.3
-17.5°	17086.3	15848.5	14747.8	13624.0	12460.1	11313.9	10529.5	9636.2	8604.2	7559.2	6600.4
-20°	15351.5	14371.7	13321.0	12355.6	11409.0	10440.3	9470.1	8606.1	7785.7	6934.0	6129.1



REPORT NUMBER: P1305639 (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°	13959.6	13131.8	12249.5	11309.1	10457.2	9641.8	8780.5	7879.5	7013.8	6324.2	5657.7
-25°	12813.6	12051.3	11308.7	10512.9	9660.7	8867.3	8118.3	7336.5	6534.6	5771.9	5198.2
-27.5°	11820.2	11172.4	10478.4	9769.1	9013.7	8232.0	7521.4	6822.9	6113.2	5426.9	4787.3
-30°	10970.6	10399.4	9770.6	9104.4	8432.9	7721.9	7002.2	6369.7	5738.6	5110.7	4514.3
-32.5°	10235.2	9735.1	9155.4	8524.0	7895.8	7262.7	6610.1	5945.6	5376.0	4823.9	4276.9
-35°	9621.0	9136.9	8578.0	7996.8	7421.2	6836.0	6222.4	5614.2	5052.0	4538.4	4035.9
-37.5°	8964.2	8522.6	8007.3	7475.6	6957.9	6416.4	5844.2	5285.9	4749.2	4268.9	3810.9
-40°	8278.5	7863.4	7431.6	6953.9	6471.6	5987.5	5463.3	4943.8	4462.0	4002.8	3581.3
-42.5°	7594.1	7227.8	6845.7	6409.4	5967.9	5531.3	5069.8	4605.4	4164.1	3746.1	3352.8
-45°	6921.4	6589.3	6236.6	5877.5	5480.9	5080.8	4674.8	4268.5	3871.0	3486.1	3113.4
-47.5°	6268.2	5977.8	5675.8	5367.3	5005.6	4639.7	4294.5	3938.9	3572.0	3214.5	2885.2
-50°	5643.6	5400.1	5135.1	4852.1	4541.7	4222.5	3914.5	3598.2	3268.1	2955.9	2651.1
-52.5°	5076.8	4850.4	4606.7	4349.6	4097.2	3824.3	3538.3	3263.4	2978.5	2692.2	2417.9
-55°	4501.6	4313.0	4110.0	3902.2	3687.3	3432.1	3179.2	2931.7	2680.7	2420.0	2189.9
-57.5°	3961.8	3809.0	3630.0	3443.5	3250.8	3037.5	2817.0	2593.2	2384.2	2169.8	1962.4
-60°	3426.6	3296.4	3147.4	2992.1	2831.3	2651.1	2467.3	2283.0	2098.8	1925.4	1749.6
-62.5°	2924.4	2813.4	2691.9	2570.4	2440.6	2297.0	2139.1	1989.6	1840.9	1690.0	1545.1
-65°	2482.7	2393.6	2291.3	2190.3	2082.8	1968.0	1837.3	1714.6	1595.4	1473.2	1346.5
-67.5°	2103.7	2023.1	1936.0	1850.2	1766.9	1671.3	1569.0	1464.5	1367.4	1266.9	1160.8
-70°	1820.5	1750.8	1675.9	1594.2	1511.2	1425.5	1342.7	1258.5	1167.5	1083.3	1002.9
-72.5°	1625.5	1554.6	1480.2	1402.6	1318.9	1239.8	1170.0	1102.5	1028.8	948.8	872.2
-75°	1458.7	1392.7	1327.2	1258.5	1188.7	1118.0	1045.9	976.9	909.9	845.1	780.0
-77.5°	1245.7	1188.2	1129.4	1068.9	1011.9	959.3	908.8	848.4	782.9	721.1	660.3
-80°	940.0	898.3	856.9	816.7	776.6	737.1	696.7	650.0	605.9	561.2	512.5
-82.5°	597.8	578.4	557.7	533.5	508.2	481.8	454.1	421.6	389.5	357.8	326.3
-85°	294.4	289.0	282.6	272.4	261.5	250.0	237.8	223.8	209.4	194.8	179.8
-87.5°	107.8	106.4	104.8	101.6	98.4	95.0	91.6	87.7	83.7	79.6	75.3
-90°	4.4	4.9	5.3	5.7	6.2	6.6	7.0	7.0	7.0	7.0	7.0



REPORT NUMBER: P1305639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	18.1	16.8	15.4	14.1	13.7	13.2	12.8	12.3	11.9	11.5	11.0
87.5°	11.8	12.7	13.5	14.1	13.2	12.3	11.5	10.7	10.9	10.9	10.8
85°	22.0	21.7	21.6	21.7	19.8	17.6	15.9	14.5	14.8	14.8	14.7
82.5°	37.4	34.6	32.5	30.8	29.8	28.1	25.8	22.8	20.3	18.9	18.6
80°	61.2	54.6	48.5	43.3	40.3	38.8	36.8	33.6	28.3	24.5	22.2
77.5°	82.2	74.0	66.3	58.5	51.8	47.0	44.1	42.2	36.0	29.8	25.5
75°	100.5	90.2	80.4	70.8	61.9	54.7	49.0	44.7	39.5	34.5	28.6
72.5°	113.1	102.4	92.4	81.6	69.9	60.2	52.8	47.1	41.5	36.2	31.0
70°	122.0	112.0	101.2	88.9	76.5	64.9	55.3	48.9	43.4	37.7	32.3
67.5°	127.5	116.2	105.8	94.8	82.0	69.3	57.5	50.4	44.8	39.1	33.4
65°	113.9	111.5	108.1	96.2	84.9	73.4	60.7	52.4	46.1	40.3	34.5
62.5°	96.7	98.7	97.0	94.1	85.4	74.4	63.9	55.4	47.6	41.4	35.4
60°	75.5	81.1	84.7	83.9	81.2	74.1	64.9	58.2	49.8	42.3	36.3
57.5°	58.5	64.0	69.8	73.2	72.6	69.9	65.2	59.2	51.8	43.8	37.2
55°	44.3	50.8	56.9	61.8	64.0	62.7	63.7	59.3	53.3	45.3	38.4
52.5°	35.7	40.9	46.6	52.0	55.6	56.8	59.3	59.4	53.3	46.5	40.0
50°	30.1	36.1	39.9	44.1	48.3	52.0	55.4	56.5	53.3	47.2	41.7
47.5°	30.2	35.9	38.2	38.8	42.3	47.8	51.8	53.6	53.1	47.0	43.4
45°	36.5	40.6	40.7	39.6	38.9	45.2	48.5	51.2	51.0	48.1	45.1
42.5°	49.1	52.3	48.7	42.0	46.2	44.4	45.8	48.8	49.2	49.4	46.5
40°	75.5	70.9	61.4	60.4	60.8	45.5	46.1	46.7	48.0	50.6	47.8
37.5°	109.8	100.0	83.7	89.3	83.0	63.9	48.0	45.0	49.2	51.6	49.1
35°	164.5	138.9	129.5	128.8	115.4	87.0	51.0	45.2	51.4	52.9	50.6
32.5°	229.7	207.0	197.3	176.5	153.8	114.5	66.6	54.1	54.7	54.7	52.2
30°	315.1	325.0	279.4	229.2	198.3	150.9	99.6	65.2	59.2	56.9	53.8
27.5°	485.0	469.1	380.4	303.8	247.9	196.0	156.0	78.4	64.7	59.8	55.4
25°	708.6	643.2	520.2	392.6	300.8	332.3	227.0	94.9	74.0	64.1	57.3
22.5°	1010.5	849.4	677.3	489.5	506.6	505.1	325.1	148.9	85.9	68.9	59.3
20°	1361.9	1083.7	912.4	846.7	764.2	689.7	457.3	210.4	98.7	74.2	61.5
17.5°	1772.6	1595.4	1501.8	1283.4	1062.3	891.5	609.3	278.0	112.2	79.9	63.8
15°	2760.9	2454.0	2157.9	1764.9	1384.7	1106.9	776.5	349.8	126.1	85.9	70.2
12.5°	3899.1	3351.8	2864.8	2281.1	1725.3	1332.6	954.4	424.0	140.4	99.7	82.2
10°	5059.5	4276.3	3607.7	2820.3	2077.6	1564.4	1137.6	507.0	173.8	119.8	94.5
7.5°	6226.6	5213.9	4370.2	3370.1	2424.8	1791.2	1331.7	605.8	210.6	140.3	107.1
5°	7289.9	6005.2	4988.9	3812.2	2714.2	2005.3	1519.8	700.8	247.5	160.8	119.7
2.5°	7921.7	6546.2	5491.1	4216.7	2988.4	2210.3	1695.2	789.4	283.7	181.0	132.1
0°	8501.2	7049.4	5954.9	4589.4	3243.2	2403.8	1853.0	869.3	318.5	200.6	144.3
-2.5°	8455.5	7058.5	5943.4	4644.9	3358.0	2504.7	1921.4	967.1	415.3	270.8	190.5
-5°	8358.0	7025.6	5893.5	4665.0	3448.6	2590.0	1969.8	1053.9	508.7	339.1	235.6
-7.5°	7926.6	6767.6	5730.7	4630.7	3513.9	2657.7	2000.4	1129.8	597.7	404.5	278.9
-10°	7398.1	6365.3	5414.5	4407.8	3415.8	2650.4	2006.8	1195.1	681.0	466.2	319.7
-12.5°	6851.7	5947.3	5087.2	4169.0	3277.6	2577.1	1944.5	1221.7	754.5	523.2	357.5
-15°	6296.8	5520.9	4756.7	3920.1	3129.0	2494.0	1876.8	1227.4	799.1	569.8	391.7
-17.5°	5771.8	5092.6	4430.5	3666.6	2973.0	2402.7	1807.3	1227.6	838.0	605.3	421.3
-20°	5401.0	4738.6	4113.5	3413.5	2812.7	2304.5	1739.1	1223.1	870.8	636.6	447.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5032.1	4440.5	3841.1	3201.2	2664.4	2200.7	1675.0	1215.1	897.4	663.4	469.1
-25°	4660.4	4138.6	3585.4	3032.8	2535.1	2101.1	1632.0	1204.3	917.4	685.5	487.2
-27.5°	4312.9	3840.7	3340.6	2863.6	2421.5	2016.2	1605.3	1220.8	933.9	702.8	501.3
-30°	3978.4	3571.8	3137.9	2703.8	2303.1	1931.8	1579.1	1230.5	950.3	716.6	511.1
-32.5°	3749.9	3325.3	2949.7	2566.0	2195.2	1843.1	1529.2	1231.8	960.4	725.7	519.8
-35°	3571.9	3141.5	2770.0	2426.0	2089.3	1764.9	1467.3	1224.6	964.0	729.0	525.5
-37.5°	3377.4	2981.7	2615.8	2293.6	1979.5	1679.8	1413.3	1184.6	961.2	726.5	527.1
-40°	3187.4	2814.6	2472.7	2170.1	1875.6	1588.2	1353.4	1142.8	952.3	718.0	524.6
-42.5°	2982.3	2643.8	2331.1	2043.4	1768.7	1515.3	1289.2	1095.0	913.7	708.4	518.0
-45°	2780.8	2467.0	2182.5	1916.4	1659.9	1436.8	1229.5	1041.8	867.5	695.8	507.9
-47.5°	2570.6	2292.4	2030.2	1780.9	1566.3	1355.1	1163.2	985.2	817.5	677.2	494.5
-50°	2368.0	2113.9	1874.2	1656.1	1459.7	1273.8	1091.7	924.1	771.2	637.1	476.8
-52.5°	2167.4	1936.3	1723.3	1528.7	1353.8	1185.6	1018.2	859.3	720.8	594.7	454.7
-55°	1966.6	1762.4	1572.7	1403.1	1244.0	1094.4	939.8	796.6	666.3	549.9	428.8
-57.5°	1773.2	1587.2	1428.4	1277.2	1132.8	996.7	860.6	729.3	610.9	502.5	401.3
-60°	1580.8	1429.4	1285.5	1148.9	1018.5	897.4	778.7	659.7	553.3	453.9	364.6
-62.5°	1404.3	1269.0	1139.4	1016.7	904.9	798.3	693.6	590.6	492.9	407.8	324.4
-65°	1228.1	1108.3	989.5	891.2	793.4	700.4	611.6	518.6	437.7	360.5	285.4
-67.5°	1053.5	959.4	857.5	766.8	690.5	612.3	528.2	453.8	383.0	311.9	251.4
-70°	917.6	825.3	738.6	667.1	598.1	526.3	458.9	391.5	327.0	272.8	216.7
-72.5°	801.8	726.1	644.9	572.6	517.4	457.3	392.3	331.3	283.3	233.3	181.4
-75°	708.2	632.0	561.2	500.9	446.6	388.0	331.3	283.6	239.3	193.3	149.9
-77.5°	595.3	535.1	479.9	420.2	364.5	315.2	272.6	235.4	193.8	154.1	119.0
-80°	457.0	404.8	356.2	311.7	273.1	239.6	209.3	178.5	144.5	114.0	87.2
-82.5°	290.9	262.0	235.8	211.0	187.4	164.0	140.8	117.8	94.0	73.0	60.3
-85°	163.7	148.4	133.8	120.0	103.8	87.8	78.0	68.7	59.9	51.6	44.0
-87.5°	72.1	68.7	65.2	61.5	55.9	50.6	45.4	40.5	35.9	31.6	27.5
-90°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.6	10.2	9.7	9.3	8.8	7.9	7.0
87.5°	10.6	9.8	9.0	8.3	7.8	7.3	7.0
85°	14.3	12.5	11.0	9.6	8.5	7.6	7.0
82.5°	17.9	15.2	12.9	10.9	9.3	7.9	7.0
80°	21.2	17.9	14.9	12.2	10.0	8.2	7.0
77.5°	22.9	20.0	16.8	13.5	10.8	8.5	7.0
75°	24.4	20.8	18.3	14.7	11.5	8.8	7.0
72.5°	25.9	21.6	18.7	15.9	12.2	9.1	7.0
70°	27.2	22.4	18.9	16.9	12.9	9.4	7.0
67.5°	28.2	23.0	19.1	16.8	13.5	9.6	7.0
65°	29.2	23.7	19.3	16.7	14.2	9.9	7.0
62.5°	30.2	24.7	19.3	16.6	14.8	10.2	7.0
60°	31.2	25.6	19.3	16.4	15.3	10.4	7.0
57.5°	32.4	26.5	20.0	16.2	15.2	10.6	7.0
55°	33.6	27.4	20.8	15.9	15.1	10.9	7.0
52.5°	34.9	28.4	21.6	15.6	14.9	11.1	7.0
50°	36.2	29.6	22.3	15.2	14.8	11.3	7.0
47.5°	37.6	30.8	23.0	15.1	14.8	11.5	7.0
45°	39.1	32.0	23.7	15.6	14.7	11.6	7.0
42.5°	40.5	33.2	24.3	16.0	14.7	11.8	7.0
40°	42.0	34.4	25.1	16.8	14.6	11.9	7.0
37.5°	43.4	35.7	26.0	17.7	14.6	12.0	7.0
35°	44.8	36.8	26.9	18.7	14.6	12.2	7.0
32.5°	46.2	37.9	27.8	19.6	14.7	12.3	7.0
30°	47.4	38.9	28.6	20.5	14.7	12.3	7.0
27.5°	48.6	39.9	30.3	21.5	14.8	12.4	7.0
25°	49.8	40.8	32.2	22.4	14.8	12.5	7.0
22.5°	51.1	42.4	34.1	23.3	14.9	12.5	7.0
20°	52.3	45.7	36.0	24.2	15.0	12.5	7.0
17.5°	56.8	49.2	37.9	25.1	15.1	12.6	7.0
15°	63.7	52.8	39.8	25.9	15.2	12.6	7.0
12.5°	70.8	56.4	41.6	26.7	15.3	12.5	7.0
10°	78.2	60.1	43.3	27.5	15.4	12.5	7.0
7.5°	85.6	63.7	45.0	28.2	15.5	12.5	7.0
5°	93.0	67.3	46.5	28.8	15.6	12.4	7.0
2.5°	100.3	70.7	48.0	29.4	15.7	12.4	7.0
0°	107.3	73.9	49.3	29.9	15.8	12.3	7.0
-2.5°	135.3	89.9	57.6	33.6	17.0	12.6	7.0
-5°	162.6	105.6	65.6	37.1	18.2	12.8	7.0
-7.5°	188.8	120.5	73.3	40.5	19.4	13.1	7.0
-10°	213.5	134.7	80.6	43.7	20.5	13.3	7.0
-12.5°	236.4	147.8	87.3	46.6	21.6	13.5	7.0
-15°	257.1	159.8	93.5	49.3	22.6	13.7	7.0
-17.5°	275.4	170.4	99.0	51.7	23.5	13.8	7.0
-20°	292.6	179.5	103.6	53.7	24.4	14.0	7.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	309.9	187.0	107.5	55.4	25.2	14.1	7.0
-25°	324.7	196.5	110.5	56.7	25.8	14.2	7.0
-27.5°	336.8	205.7	112.5	57.6	26.4	14.3	7.0
-30°	346.0	212.9	113.9	58.1	26.8	14.3	7.0
-32.5°	352.3	218.0	117.6	58.1	27.2	14.3	7.0
-35°	357.1	220.9	119.9	57.6	27.4	14.3	7.0
-37.5°	359.5	222.2	120.8	56.7	27.5	14.3	7.0
-40°	358.6	222.7	120.3	55.3	27.5	14.2	7.0
-42.5°	354.4	220.9	119.5	53.9	27.4	14.1	7.0
-45°	346.8	216.7	118.4	53.0	27.1	14.0	7.0
-47.5°	336.0	210.4	116.0	51.4	26.7	13.9	7.0
-50°	324.1	201.7	112.4	50.9	26.2	13.7	7.0
-52.5°	309.5	190.9	107.6	50.4	25.6	13.5	7.0
-55°	291.7	181.2	101.6	49.3	24.8	13.2	7.0
-57.5°	270.9	170.3	94.4	47.8	23.9	13.0	7.0
-60°	248.0	157.7	86.4	45.7	22.9	12.7	7.0
-62.5°	227.6	143.4	81.1	43.2	22.1	12.4	7.0
-65°	205.0	127.6	75.0	40.2	21.1	12.1	7.0
-67.5°	180.4	113.2	68.1	36.8	20.1	11.7	7.0
-70°	153.9	100.6	60.6	33.0	19.1	11.3	7.0
-72.5°	132.4	86.9	52.3	30.2	17.9	11.0	7.0
-75°	110.5	72.3	43.6	27.6	16.7	10.6	7.0
-77.5°	87.6	56.9	37.7	24.7	15.5	10.1	7.0
-80°	63.7	45.9	32.4	21.8	14.2	9.7	7.0
-82.5°	49.7	37.2	26.9	18.8	12.9	9.3	7.0
-85°	36.9	28.3	21.2	15.6	11.5	8.8	7.0
-87.5°	23.8	19.3	15.5	12.5	10.2	8.4	7.0
-90°	7.0	7.0	7.0	7.0	7.0	7.0	7.0

(END OF REPORT)