

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: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

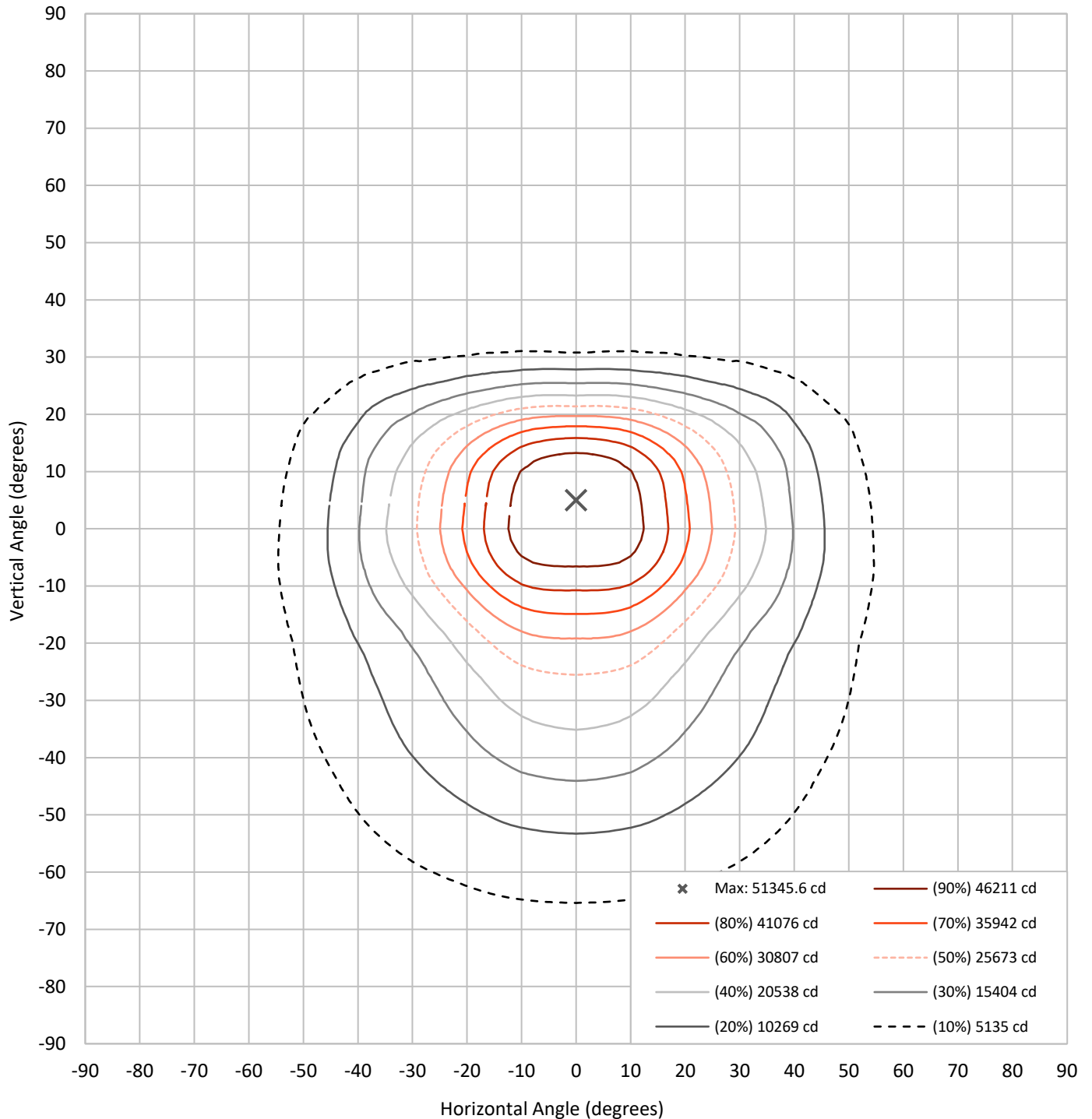
Test Method: LM-79-08
Report Number: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	50310.1 lumens	Max Intensity:	51345.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	77.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	24198.1 lumens	Field Lumens:	46638.9 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
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		

REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

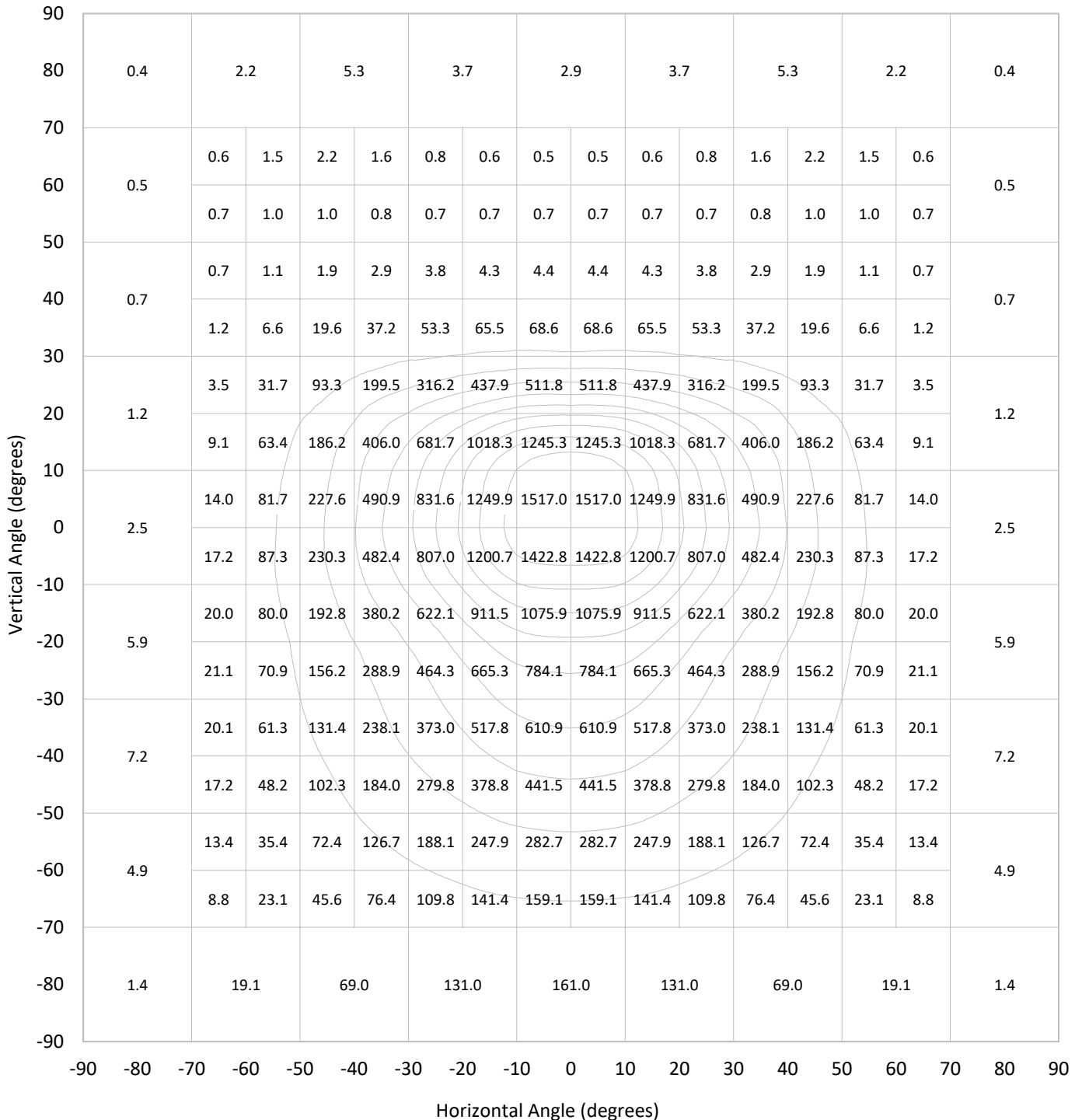
Iso-Candela Plot





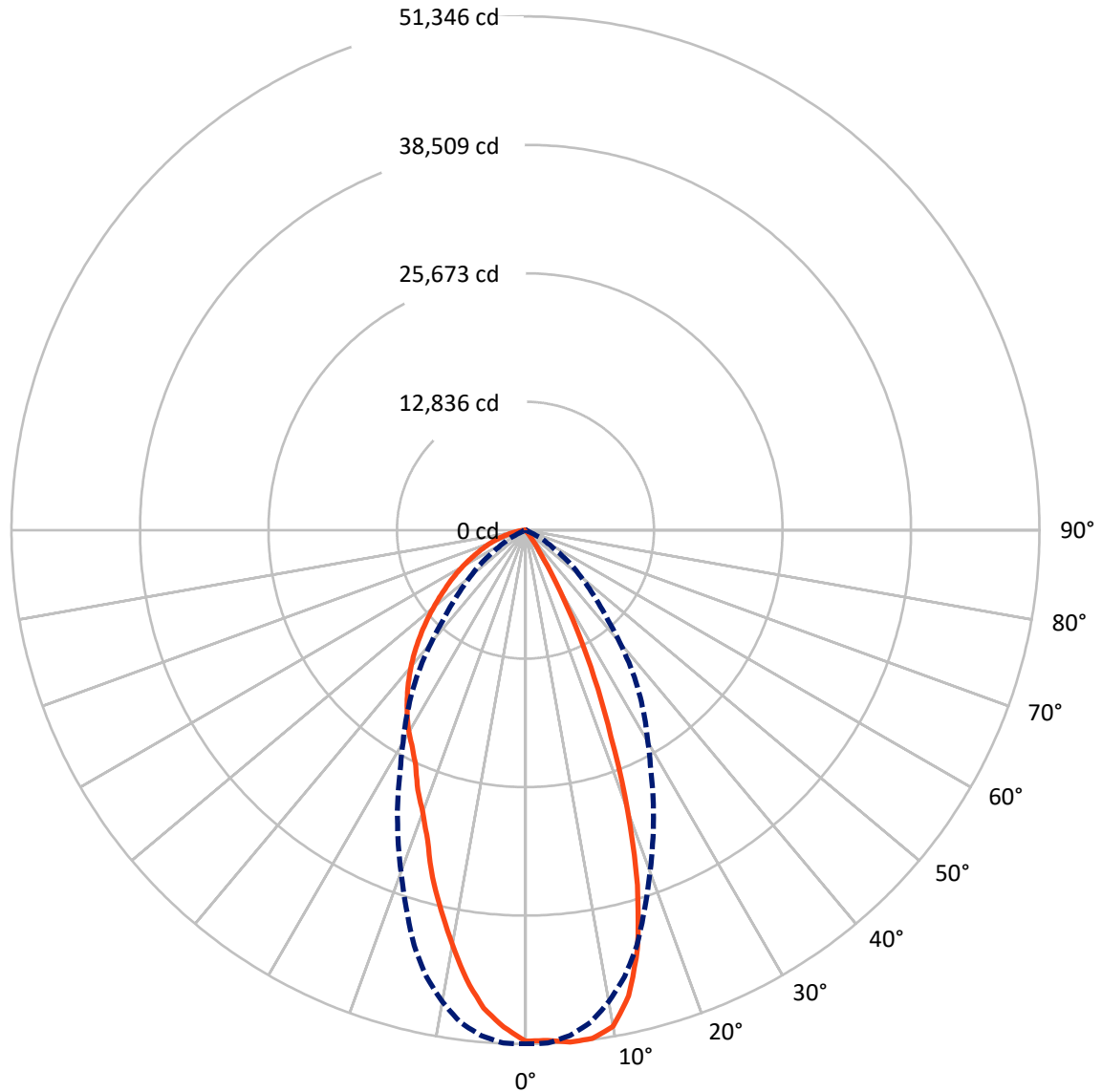
REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

Lumen Table



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

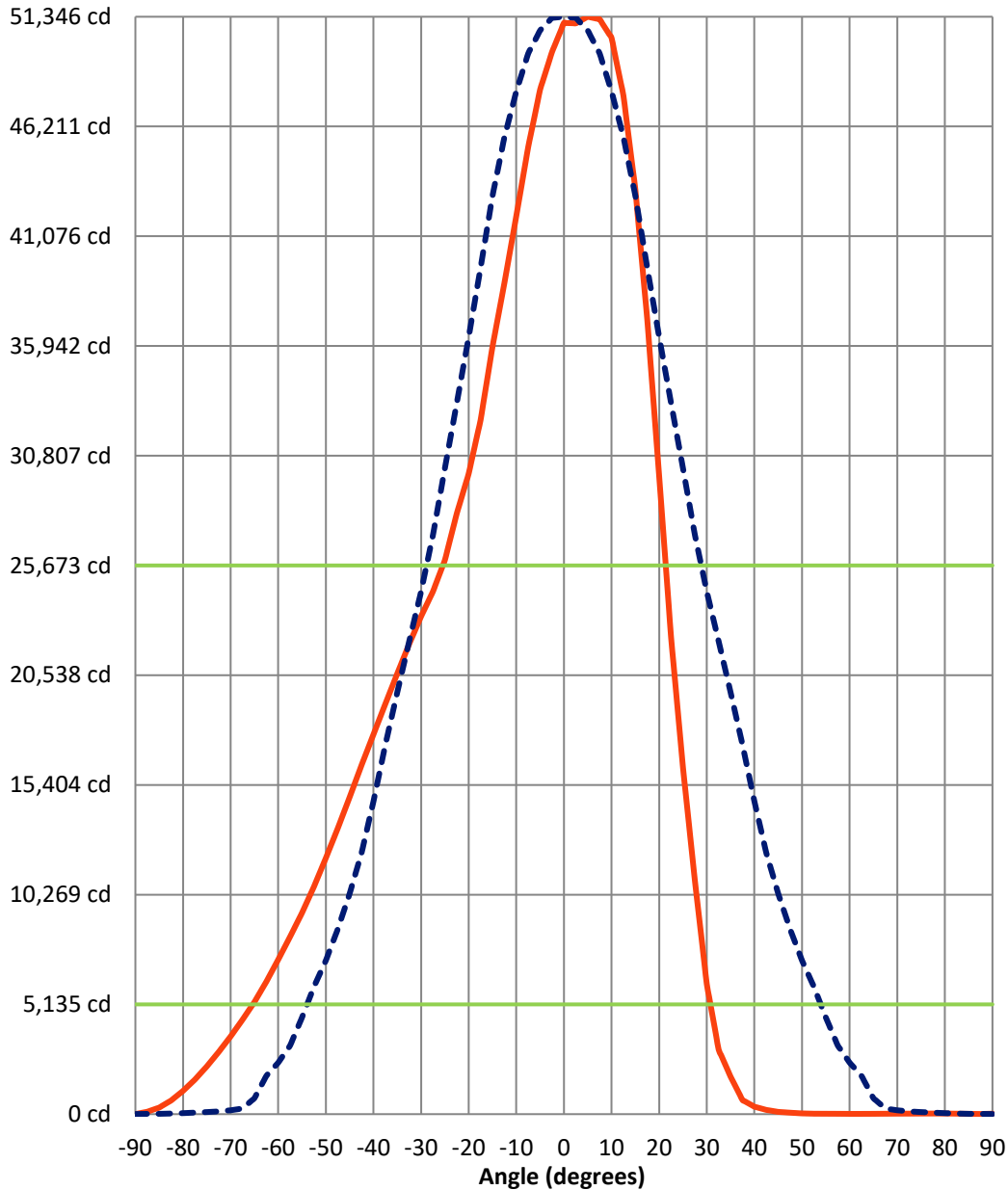
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 24198.1
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 46638.9
 Efficiency: 92.7%

Spill:
 Lumens: 3671.1
 Efficiency: 7.3%

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



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

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	8.2	9.4	9.5	9.7	10.1	10.6	10.5	10.4	10.1	9.7
85°	7.0	8.4	10.0	10.6	11.6	12.8	14.3	14.5	14.6	14.5	14.2
82.5°	7.0	8.7	10.6	11.8	13.4	15.4	17.9	18.5	18.8	19.8	21.9
80°	7.0	9.0	11.2	12.9	15.1	18.0	21.1	21.5	23.2	26.4	31.2
77.5°	7.0	9.2	11.8	14.0	16.9	19.8	21.9	23.7	27.3	32.8	38.3
75°	7.0	9.5	12.3	15.1	18.3	20.1	22.6	25.8	30.9	35.2	39.4
72.5°	7.0	9.7	12.9	16.1	18.3	20.4	23.2	27.3	31.7	36.1	40.5
70°	7.0	9.9	13.4	16.9	18.4	20.7	23.8	28.0	32.5	37.0	42.6
67.5°	7.0	10.2	13.9	16.7	18.3	20.8	24.5	28.7	33.3	39.1	45.0
65°	7.0	10.4	14.4	16.6	18.3	21.3	25.3	29.2	35.0	41.1	47.5
62.5°	7.0	10.6	14.9	16.4	18.1	22.0	26.0	30.4	36.7	43.1	50.6
60°	7.0	10.8	15.3	16.1	18.0	22.7	26.7	31.8	38.3	45.4	53.4
57.5°	7.0	11.0	15.2	15.9	18.6	23.4	28.1	33.2	39.9	47.5	54.8
55°	7.0	11.2	15.1	15.6	19.2	24.1	29.4	34.7	41.4	49.2	55.7
52.5°	7.0	11.4	14.9	15.3	19.8	24.9	30.8	36.4	42.7	50.1	56.6
50°	7.0	11.5	14.8	15.0	20.4	26.0	32.1	38.3	43.8	51.1	56.9
47.5°	7.0	11.7	14.8	14.8	20.9	27.1	33.5	40.4	44.7	52.1	57.8
45°	7.0	11.8	14.7	15.2	21.5	28.1	35.5	42.6	47.2	53.9	59.6
42.5°	7.0	11.9	14.7	15.6	22.0	29.1	37.5	45.2	50.2	56.3	62.6
40°	7.0	12.1	14.6	16.3	22.6	30.0	39.6	48.0	53.9	59.6	66.6
37.5°	7.0	12.2	14.6	17.1	23.3	30.9	41.8	51.1	58.7	65.4	71.4
35°	7.0	12.3	14.6	18.0	24.0	32.4	44.1	54.4	63.8	72.4	78.4
32.5°	7.0	12.3	14.7	18.8	24.6	34.1	46.5	57.9	69.0	80.3	91.4
30°	7.0	12.4	14.7	19.7	25.2	35.8	49.3	61.7	74.5	89.0	106.3
27.5°	7.0	12.5	14.8	20.7	27.0	37.5	52.0	66.1	80.7	98.3	123.0
25°	7.0	12.5	14.8	21.6	29.0	39.1	54.9	70.6	88.2	110.8	143.2
22.5°	7.0	12.5	14.9	22.5	31.1	41.6	57.7	75.1	96.0	125.4	210.1
20°	7.0	12.6	15.0	23.5	33.4	46.1	60.5	79.5	104.1	140.7	285.1
17.5°	7.0	12.6	15.1	24.4	35.6	50.6	65.6	83.9	112.2	156.5	366.3
15°	7.0	12.6	15.2	25.3	38.0	55.2	72.2	90.6	120.3	172.5	451.7
12.5°	7.0	12.5	15.3	26.2	40.3	59.8	78.8	100.2	132.9	188.5	539.2
10°	7.0	12.5	15.4	27.0	42.6	64.3	85.2	109.8	149.2	213.2	621.7
7.5°	7.0	12.5	15.5	27.8	44.8	68.7	91.5	119.3	165.4	238.8	688.8
5°	7.0	12.4	15.6	28.6	47.0	73.0	97.6	128.6	181.3	263.6	747.3
2.5°	7.0	12.4	15.7	29.3	49.1	77.1	103.5	137.5	196.6	287.4	796.6
0°	7.0	12.3	15.8	29.9	51.0	80.9	109.1	146.1	211.2	309.7	835.9
-2.5°	7.0	12.5	17.0	33.6	59.3	96.7	136.5	192.1	282.9	414.2	945.0
-5°	7.0	12.7	18.2	37.1	67.3	112.1	163.1	236.8	352.5	515.5	1043.4
-7.5°	7.0	12.9	19.4	40.5	75.0	126.7	188.8	279.7	418.9	611.9	1131.0
-10°	7.0	13.1	20.5	43.7	82.2	140.5	213.1	320.1	481.1	702.0	1208.0
-12.5°	7.0	13.3	21.6	46.6	88.9	153.3	235.7	357.4	538.1	784.6	1279.9
-15°	7.0	13.5	22.6	49.3	95.0	164.9	256.4	391.0	592.2	859.0	1341.4
-17.5°	7.0	13.6	23.5	51.7	100.4	175.1	274.7	426.9	644.4	924.9	1389.0
-20°	7.0	13.7	24.3	53.7	105.0	183.8	294.7	463.6	690.3	981.4	1422.1



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.0	13.8	25.1	55.4	108.7	190.9	318.7	495.5	729.7	1027.7	1440.4
-25°	7.0	13.9	25.7	56.7	111.6	201.7	339.1	522.3	761.9	1063.2	1443.6
-27.5°	7.0	13.9	26.2	57.6	113.4	212.5	355.7	543.6	786.7	1091.2	1477.8
-30°	7.0	13.9	26.6	58.1	114.8	221.0	368.2	559.3	807.8	1116.1	1499.4
-32.5°	7.0	13.9	26.9	58.1	119.1	226.9	376.6	572.7	823.7	1131.0	1505.9
-35°	7.0	13.9	27.1	57.6	121.9	230.2	382.6	581.1	831.6	1135.5	1497.1
-37.5°	7.0	13.9	27.1	56.7	123.2	231.8	385.5	583.4	831.3	1129.5	1452.9
-40°	7.0	13.8	27.0	55.3	122.9	232.7	384.4	579.4	822.7	1119.0	1406.2
-42.5°	7.0	13.7	26.8	54.0	122.2	231.0	379.2	569.0	809.7	1080.9	1350.7
-45°	7.0	13.6	26.4	53.4	121.5	226.7	370.0	554.9	790.3	1032.9	1288.1
-47.5°	7.0	13.4	25.9	52.0	119.4	220.0	356.9	538.6	762.1	978.3	1225.8
-50°	7.0	13.3	25.3	51.6	116.0	210.7	343.8	516.8	714.9	923.6	1155.7
-52.5°	7.0	13.1	24.5	51.0	111.4	199.0	327.8	489.9	669.0	862.7	1078.7
-55°	7.0	12.8	23.6	49.9	105.5	189.1	308.4	458.5	620.9	795.8	1001.3
-57.5°	7.0	12.6	22.6	48.2	98.4	178.2	285.6	428.2	568.2	730.9	917.1
-60°	7.0	12.3	21.5	46.0	90.3	165.4	260.6	390.1	513.1	662.7	829.8
-62.5°	7.0	12.0	20.7	43.3	84.6	150.8	239.7	347.7	461.6	589.5	743.4
-65°	7.0	11.7	19.8	40.1	78.1	134.7	216.5	306.0	407.0	521.7	651.3
-67.5°	7.0	11.4	18.9	36.5	70.7	119.7	191.1	270.0	349.5	452.8	565.6
-70°	7.0	11.1	18.0	32.5	62.6	106.1	163.7	232.2	302.7	380.7	480.6
-72.5°	7.0	10.7	16.9	29.7	53.8	91.5	140.8	192.9	254.3	322.0	396.0
-75°	7.0	10.3	15.9	27.2	44.4	75.8	117.5	158.6	204.1	261.6	324.4
-77.5°	7.0	10.0	14.8	24.4	38.4	59.4	92.9	125.6	161.7	202.4	250.7
-80°	7.0	9.6	13.6	21.6	33.0	47.7	67.3	91.7	119.2	150.4	185.1
-82.5°	7.0	9.2	12.4	18.6	27.3	38.6	52.4	63.0	75.8	97.3	121.4
-85°	7.0	8.7	11.2	15.5	21.5	29.3	38.7	45.8	53.4	61.5	70.1
-87.5°	7.0	8.3	10.0	12.4	15.6	19.7	24.7	28.5	32.5	36.8	41.3
-90°	7.0	7.9	8.8	8.4	7.9	7.5	7.0	6.6	6.2	5.7	5.3



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.3	12.3	12.3	12.3	12.8	13.2	13.7	14.1	15.0	15.9	16.7
87.5°	10.4	11.0	11.7	12.4	11.5	10.4	9.2	7.8	8.2	8.7	9.1
85°	15.4	16.7	18.2	19.4	18.5	17.8	17.2	16.9	17.8	18.6	19.2
82.5°	24.0	25.5	26.4	26.6	27.1	27.9	29.5	32.6	34.6	35.9	36.6
80°	33.5	34.5	35.2	37.6	41.8	46.7	52.2	58.2	60.2	60.4	59.7
77.5°	39.3	41.4	45.6	51.7	58.6	65.6	73.2	81.5	84.0	83.2	81.7
75°	42.7	47.7	55.0	63.9	73.0	82.4	92.4	101.7	104.4	101.5	97.6
72.5°	46.0	53.7	63.3	74.8	84.9	94.5	105.3	117.1	121.2	115.2	108.1
70°	49.3	58.9	69.9	81.3	92.8	103.8	114.2	125.6	132.3	122.9	108.6
67.5°	52.1	63.3	75.0	86.7	97.1	107.9	119.7	124.5	127.5	112.3	96.2
65°	55.4	67.2	77.9	88.3	99.4	103.8	107.6	111.7	111.1	93.9	76.7
62.5°	58.6	68.4	78.6	86.8	89.5	92.1	92.1	89.5	85.2	73.4	58.6
60°	59.8	68.3	75.3	78.1	78.7	76.2	72.8	69.5	64.4	54.4	44.3
57.5°	60.5	65.1	68.3	69.1	66.1	61.1	58.8	53.5	49.2	43.4	35.1
55°	60.2	59.6	61.5	59.9	56.3	52.2	48.1	44.7	39.3	37.5	33.8
52.5°	58.7	56.0	55.1	53.3	50.8	46.7	42.6	39.9	38.5	36.4	33.3
50°	58.1	54.6	50.4	50.3	48.4	45.3	41.0	40.4	40.5	38.5	35.0
47.5°	58.8	54.7	49.4	49.5	49.7	50.8	47.1	45.5	46.2	51.3	45.8
45°	60.8	58.6	53.0	52.9	57.8	64.3	70.2	54.0	70.3	78.4	84.8
42.5°	64.0	65.0	67.8	57.8	76.5	99.9	111.3	117.0	110.9	136.6	163.1
40°	71.0	73.5	93.2	100.9	108.8	157.5	225.0	240.8	182.9	254.4	298.6
37.5°	79.7	104.6	138.8	180.1	176.4	278.0	383.6	464.7	456.7	431.8	618.4
35°	89.7	142.9	235.1	327.1	367.5	463.8	658.8	800.0	884.0	934.7	1088.3
32.5°	117.4	188.3	355.4	551.0	719.4	814.9	998.9	1308.5	1601.3	1776.2	1774.5
30°	165.9	300.0	525.3	825.8	1153.2	1421.6	1573.8	1971.6	2529.8	2926.8	3191.3
27.5°	237.6	435.7	787.4	1222.7	1681.3	2137.1	2441.0	2957.8	3708.9	4313.9	4879.1
25°	325.3	651.3	1082.6	1694.7	2369.1	2948.1	3385.2	4103.5	5055.3	6004.2	6949.7
22.5°	464.8	901.7	1410.1	2210.7	3128.1	3786.3	4428.2	5303.8	6404.6	7736.7	9178.4
20°	659.2	1193.1	1759.9	2615.7	3887.2	4639.4	5427.6	6472.6	7756.4	9375.6	11300.3
17.5°	869.4	1468.3	2103.0	3056.9	4297.5	5339.9	6398.2	7589.2	9027.8	10906.2	12979.5
15°	1090.4	1727.0	2409.4	3450.9	4681.6	5807.9	7060.0	8609.0	10305.6	12336.9	14505.7
12.5°	1317.0	1969.3	2680.9	3797.9	5048.3	6231.8	7567.2	9178.1	11151.9	13534.7	15811.4
10°	1543.6	2195.0	2919.6	4098.6	5392.3	6610.8	8002.7	9651.0	11659.1	14046.4	16507.3
7.5°	1682.5	2343.9	3114.7	4354.0	5707.8	6944.2	8368.3	10030.8	12010.5	14412.2	16948.5
5°	1787.6	2410.9	3216.0	4527.9	5957.2	7191.2	8653.6	10321.9	12222.0	14635.2	17283.6
2.5°	1869.3	2460.2	3297.0	4657.3	6145.7	7325.4	8823.4	10508.2	12442.4	14912.3	17621.8
0°	1926.9	2493.5	3355.8	4746.0	6287.5	7412.0	8934.2	10620.0	12596.2	15153.1	17922.9
-2.5°	1983.0	2596.6	3475.4	4859.1	6308.0	7424.9	8976.3	10624.6	12596.1	15106.4	17798.1
-5°	2018.2	2682.5	3569.8	4930.4	6287.1	7398.3	8953.1	10560.8	12458.9	14832.5	17335.6
-7.5°	2036.5	2748.2	3637.9	4941.1	6178.5	7242.2	8673.2	10184.6	12005.8	14230.0	16538.0
-10°	2046.1	2787.7	3630.7	4792.4	5952.9	6991.4	8299.6	9747.5	11463.1	13531.4	15666.8
-12.5°	2073.0	2809.1	3597.8	4630.1	5708.0	6707.7	7885.2	9256.3	10833.5	12750.1	14709.3
-15°	2087.6	2820.0	3552.1	4462.5	5450.5	6393.5	7436.6	8715.7	10151.6	11866.0	13604.3
-17.5°	2091.7	2822.0	3496.3	4297.5	5186.8	6051.1	6995.3	8252.5	9559.9	11040.4	12522.9
-20°	2087.1	2816.7	3433.2	4142.1	4927.6	5802.2	6755.5	7852.3	9022.6	10274.5	11509.6



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2075.5	2805.7	3380.0	4031.9	4803.1	5639.2	6516.1	7465.1	8472.2	9559.2	10811.8
-25°	2069.8	2765.4	3344.4	3953.9	4682.6	5467.8	6264.4	7107.6	7985.5	9124.0	10318.7
-27.5°	2060.7	2722.8	3274.6	3845.6	4543.2	5294.6	6041.7	6811.3	7712.7	8735.5	9844.2
-30°	2033.5	2619.9	3179.6	3718.9	4395.7	5119.6	5833.1	6564.7	7417.6	8381.9	9410.4
-32.5°	1957.0	2503.1	3053.3	3595.1	4218.1	4927.8	5617.7	6327.1	7118.3	7982.3	8971.8
-35°	1871.3	2382.6	2911.8	3441.6	4010.7	4695.2	5366.5	6052.1	6786.5	7597.2	8519.7
-37.5°	1809.0	2253.2	2760.2	3268.6	3814.9	4423.0	5081.2	5741.2	6436.5	7209.0	8081.5
-40°	1734.8	2115.2	2606.4	3093.0	3590.2	4150.9	4765.8	5399.3	6052.1	6822.4	7621.9
-42.5°	1651.8	2019.2	2446.9	2906.8	3375.7	3885.3	4434.1	5036.8	5691.7	6408.4	7159.1
-45°	1580.1	1911.3	2287.4	2717.8	3153.4	3615.0	4124.0	4662.9	5309.8	5976.5	6673.7
-47.5°	1498.6	1798.5	2152.2	2517.9	2928.3	3354.0	3804.1	4329.0	4903.7	5528.1	6167.6
-50°	1410.5	1696.4	1998.0	2338.0	2701.8	3091.4	3502.3	3981.3	4505.9	5063.7	5652.2
-52.5°	1321.9	1583.6	1861.3	2157.3	2487.6	2837.8	3218.4	3645.0	4109.2	4598.1	5117.4
-55°	1224.8	1469.2	1721.9	1990.3	2278.4	2596.2	2936.5	3317.8	3716.9	4160.1	4596.8
-57.5°	1124.9	1346.1	1579.1	1827.6	2086.6	2356.7	2665.2	2988.2	3348.8	3727.6	4113.0
-60°	1020.7	1218.8	1429.9	1658.5	1899.0	2142.4	2392.3	2678.5	2984.7	3299.4	3643.9
-62.5°	911.3	1089.2	1278.0	1480.7	1700.8	1921.1	2145.1	2381.8	2629.9	2912.6	3200.0
-65°	803.0	956.1	1124.3	1304.6	1493.1	1691.0	1891.8	2094.6	2311.6	2544.5	2786.6
-67.5°	688.7	827.1	971.7	1124.8	1292.2	1460.1	1635.5	1818.8	2003.2	2191.9	2390.6
-70°	585.9	695.6	821.6	955.2	1090.5	1228.0	1379.5	1536.9	1697.6	1858.1	2023.2
-72.5°	482.2	576.5	677.2	783.9	897.5	1010.8	1129.0	1251.8	1382.3	1517.5	1654.7
-75°	388.0	454.9	537.3	626.3	713.1	798.3	887.0	986.8	1090.2	1194.4	1298.3
-77.5°	301.0	354.2	411.6	472.9	533.2	601.7	671.9	743.5	818.3	895.1	972.9
-80°	217.9	251.6	293.9	339.7	383.4	427.8	473.3	519.9	568.7	622.5	680.7
-82.5°	144.4	168.4	193.6	219.9	244.3	268.5	294.4	326.2	358.2	391.1	424.7
-85°	77.2	84.3	99.2	114.9	130.4	146.0	161.5	177.1	193.0	208.5	223.5
-87.5°	44.8	48.4	52.0	55.7	59.6	63.5	67.4	71.3	76.5	81.8	87.2
-90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	17.6	18.1	18.5	19.0	19.4	19.8	20.3	20.7	21.1	21.6	22.0
87.5°	9.6	8.9	8.2	7.5	6.7	8.8	10.9	13.1	15.4	14.2	13.1
85°	19.5	19.7	19.8	19.9	19.9	22.2	24.5	26.8	28.9	26.7	24.3
82.5°	36.8	36.2	35.0	33.1	30.7	30.1	29.3	28.2	26.8	25.7	24.7
80°	58.4	55.5	51.6	47.1	42.0	39.4	36.9	34.2	31.3	30.4	29.7
77.5°	78.6	73.1	66.6	59.6	52.2	47.5	43.2	38.7	33.8	32.4	31.6
75°	92.7	85.8	76.5	66.7	56.2	48.9	43.1	37.4	31.7	30.3	30.1
72.5°	100.1	90.5	78.7	64.8	51.6	42.8	37.4	32.6	28.3	26.7	26.1
70°	94.1	79.6	65.9	53.2	41.4	33.6	29.7	26.4	23.4	22.6	23.0
67.5°	79.5	64.8	52.5	41.5	32.1	25.7	23.5	21.7	20.4	19.9	19.9
65°	62.1	49.8	39.7	31.4	24.6	20.7	19.9	19.2	18.5	17.9	17.3
62.5°	45.9	36.5	30.1	25.3	21.7	19.4	18.8	18.0	17.0	16.1	15.5
60°	35.7	28.3	25.1	23.0	21.2	19.7	19.1	18.6	18.3	18.1	17.6
57.5°	31.0	27.3	24.3	23.1	22.1	21.4	21.0	20.7	20.1	19.3	18.7
55°	30.2	27.3	24.8	24.1	23.7	23.2	22.6	22.0	21.3	20.5	20.2
52.5°	30.3	29.0	27.1	26.2	26.6	25.9	24.4	25.2	25.3	24.6	24.2
50°	34.3	34.6	35.0	32.1	35.1	36.4	34.6	36.1	38.3	38.6	38.4
47.5°	48.6	51.8	56.0	52.8	56.7	62.5	62.0	62.5	67.7	68.4	68.1
45°	77.5	91.5	98.2	102.0	100.5	114.1	116.8	112.3	119.5	120.9	118.8
42.5°	155.2	162.9	180.5	194.3	186.3	200.4	204.6	191.9	204.3	209.8	203.8
40°	347.5	276.3	328.0	363.7	351.3	324.0	371.4	354.4	352.7	372.5	357.0
37.5°	686.0	608.9	661.9	764.0	760.3	631.9	775.1	765.8	643.8	788.4	775.8
35°	1230.3	1372.8	1309.2	1500.0	1555.3	1584.0	1663.5	1745.6	1655.7	1774.1	1771.1
32.5°	2202.9	2498.6	2629.3	2652.6	2897.4	3096.9	3012.4	3332.5	3312.9	3392.9	3474.7
30°	3477.8	4136.9	4470.5	4478.8	4884.9	5242.4	5355.9	5757.5	5995.0	5955.6	6353.4
27.5°	5548.9	6196.4	6745.7	7214.4	7530.9	8094.7	8879.2	9275.1	9858.8	10087.6	10637.6
25°	7889.0	8693.4	9560.6	10376.4	11046.2	12055.9	13032.4	13648.1	14483.2	15137.6	15802.6
22.5°	10424.0	11491.2	12603.9	13824.1	15070.0	16301.8	17487.9	18625.5	19738.9	20968.6	21720.3
20°	13015.8	14222.0	15576.4	17230.2	18958.7	20444.1	22064.2	23847.9	25553.3	27140.5	28339.3
17.5°	14985.4	16852.0	18319.2	20108.3	22254.7	24347.4	26412.8	28765.1	30934.6	32958.3	34763.1
15°	16489.4	18446.1	20572.7	22732.2	24993.4	27485.1	30326.1	32900.1	35580.0	37960.1	40189.2
12.5°	17800.4	19786.9	22012.5	24531.0	27383.2	30058.3	33035.7	36254.7	39098.1	41894.1	43985.5
10°	18768.0	20974.6	23230.9	25763.2	28671.6	31794.9	35021.7	38275.5	41463.8	44162.8	46409.8
7.5°	19301.8	21645.3	24006.0	26650.3	29640.5	32712.7	35936.1	39333.3	42542.5	45322.1	47385.6
5°	19736.2	22118.8	24452.2	27107.0	30222.6	33274.3	36362.3	39604.7	42964.9	45706.6	47853.4
2.5°	20115.4	22440.1	24716.2	27301.1	30511.8	33577.1	36752.0	40113.2	43362.6	46007.3	48097.1
0°	20444.6	22639.0	24865.1	27427.3	30784.9	33887.3	37010.8	40299.8	43609.8	46186.1	48301.3
-2.5°	20206.5	22358.2	24551.6	27170.5	30372.6	33424.4	36565.6	39896.2	43031.4	45641.0	47691.6
-5°	19585.6	21658.2	23836.3	26448.9	29505.4	32494.6	35593.9	38802.1	41749.3	44358.1	46244.5
-7.5°	18677.8	20706.8	22876.4	25448.1	28292.3	31005.3	33775.2	36749.1	39682.6	41985.9	43782.6
-10°	17668.7	19599.8	21596.7	23858.5	26377.0	28911.0	31456.2	34220.7	36805.4	38968.2	40697.8
-12.5°	16470.7	18186.0	20024.7	21997.5	24309.5	26723.1	29150.2	31571.6	33955.5	35901.2	37468.0
-15°	15176.7	16693.6	18372.8	20281.0	22341.1	24470.9	26660.2	28972.6	31119.6	32931.9	34313.3
-17.5°	13900.2	15258.6	16965.4	18700.2	20365.0	22318.0	24495.4	26407.6	28366.9	29994.3	31214.6
-20°	12818.1	14279.5	15763.6	17245.9	18836.1	20734.9	22581.1	24383.9	26125.0	27606.8	28820.2



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	12112.6	13396.6	14663.0	16065.1	17681.8	19357.3	21028.2	22667.3	24243.1	25650.7	26804.8
-25°	11471.1	12557.7	13811.7	15235.3	16600.5	18070.2	19647.9	21017.8	22512.5	23787.3	24774.7
-27.5°	10910.4	11985.6	13216.3	14496.7	15731.4	17056.2	18493.2	19800.7	21145.8	22371.5	23233.1
-30°	10422.2	11536.0	12693.3	13864.6	15027.4	16253.1	17502.0	18765.8	20000.0	21111.4	21939.5
-32.5°	10006.0	11051.0	12136.3	13226.4	14286.6	15403.0	16561.5	17723.4	18866.8	19839.2	20650.1
-35°	9532.9	10533.4	11541.8	12520.7	13502.7	14501.3	15576.5	16664.2	17687.3	18575.1	19366.7
-37.5°	9005.0	9968.8	10889.2	11780.4	12690.7	13614.1	14610.0	15609.3	16548.9	17352.6	18107.2
-40°	8479.5	9357.8	10191.4	11023.2	11857.7	12722.5	13623.2	14518.0	15342.8	16102.9	16806.2
-42.5°	7933.6	8702.4	9461.1	10235.4	11005.2	11785.0	12589.8	13403.4	14138.4	14831.7	15455.1
-45°	7382.8	8042.5	8712.8	9422.1	10125.0	10825.1	11521.8	12208.7	12896.8	13542.9	14069.4
-47.5°	6797.0	7392.4	8001.0	8610.8	9240.7	9879.7	10488.7	11083.3	11691.1	12268.5	12703.5
-50°	6205.9	6757.1	7307.2	7844.5	8401.3	8963.4	9518.3	10041.6	10550.8	11041.8	11381.9
-52.5°	5610.6	6120.3	6624.4	7110.3	7593.4	8072.5	8542.7	9006.9	9453.1	9874.0	10143.6
-55°	5045.2	5499.8	5943.0	6367.4	6793.8	7214.6	7629.2	8035.4	8420.4	8782.3	8990.2
-57.5°	4513.4	4909.4	5297.4	5662.8	6019.8	6366.6	6733.0	7102.1	7448.8	7759.7	7927.3
-60°	3995.3	4352.0	4685.0	4990.4	5296.5	5601.0	5909.8	6214.6	6511.4	6769.6	6913.9
-62.5°	3485.7	3790.5	4074.0	4336.7	4589.6	4841.0	5108.9	5365.9	5610.5	5809.8	5932.1
-65°	3039.2	3297.5	3509.7	3718.9	3926.6	4147.7	4370.2	4582.4	4783.3	4939.4	5042.4
-67.5°	2605.1	2817.6	2994.2	3167.9	3341.7	3517.5	3696.6	3870.2	4036.9	4163.1	4252.6
-70°	2192.4	2352.9	2491.3	2632.7	2776.7	2920.5	3064.4	3203.0	3335.2	3431.4	3503.5
-72.5°	1793.3	1917.3	2025.0	2134.8	2243.1	2354.4	2465.9	2573.0	2675.0	2743.9	2794.4
-75°	1401.6	1491.6	1577.9	1661.7	1742.4	1825.2	1907.3	1985.7	2059.9	2112.0	2153.6
-77.5°	1055.2	1119.1	1175.5	1230.7	1284.4	1342.0	1398.2	1451.3	1500.9	1537.2	1567.8
-80°	739.2	780.4	816.4	850.2	881.8	917.5	952.4	985.5	1016.3	1037.5	1054.3
-82.5°	458.7	483.0	504.6	524.5	542.6	561.3	578.6	594.3	608.4	625.0	640.3
-85°	238.0	248.0	257.2	265.7	273.5	281.1	288.0	294.1	299.5	302.5	304.6
-87.5°	92.5	94.8	97.0	98.9	100.7	103.1	105.4	107.5	109.5	111.3	112.9
-90°	5.3	4.9	4.4	4.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	22.5	22.9	22.9	22.9	22.9	22.9	22.5	22.0	21.6	21.1	20.7
87.5°	11.8	10.6	9.7	8.8	9.7	10.6	11.8	13.1	14.2	15.4	13.1
85°	21.9	19.4	17.6	15.8	17.6	19.4	21.9	24.3	26.7	28.9	26.8
82.5°	23.8	22.9	22.9	22.9	22.9	22.9	23.8	24.7	25.7	26.8	28.2
80°	28.9	28.1	29.0	29.9	29.0	28.1	28.9	29.7	30.4	31.3	34.2
77.5°	30.8	29.9	29.9	29.9	29.9	29.9	30.8	31.6	32.4	33.8	38.7
75°	30.0	29.9	29.1	28.2	29.1	29.9	30.0	30.1	30.3	31.7	37.4
72.5°	25.4	24.8	24.6	24.6	24.6	24.8	25.4	26.1	26.7	28.3	32.6
70°	23.7	24.5	23.8	22.9	23.8	24.5	23.7	23.0	22.6	23.4	26.4
67.5°	19.7	19.6	19.4	19.4	19.4	19.6	19.7	19.9	19.9	20.4	21.7
65°	16.7	16.0	15.8	15.8	15.8	16.0	16.7	17.3	17.9	18.5	19.2
62.5°	14.9	14.3	14.1	14.1	14.1	14.3	14.9	15.5	16.1	17.0	18.0
60°	16.8	16.0	15.1	14.1	15.1	16.0	16.8	17.6	18.1	18.3	18.6
57.5°	18.2	17.7	17.6	17.6	17.6	17.7	18.2	18.7	19.3	20.1	20.7
55°	19.9	19.5	19.4	19.4	19.4	19.5	19.9	20.2	20.5	21.3	22.0
52.5°	23.8	23.1	22.2	21.1	22.2	23.1	23.8	24.2	24.6	25.3	25.2
50°	37.7	35.8	35.0	35.2	35.0	35.8	37.7	38.4	38.6	38.3	36.1
47.5°	69.5	69.4	69.1	68.6	69.1	69.4	69.5	68.1	68.4	67.7	62.5
45°	118.2	113.5	109.0	107.3	109.0	113.5	118.2	118.8	120.9	119.5	112.3
42.5°	207.8	206.7	203.1	198.9	203.1	206.7	207.8	203.8	209.8	204.3	191.9
40°	361.1	356.2	347.7	350.2	347.7	356.2	361.1	357.0	372.5	352.7	354.4
37.5°	752.0	715.9	661.3	661.7	661.3	715.9	752.0	775.8	788.4	643.8	765.8
35°	1760.3	1789.8	1754.9	1754.5	1754.9	1789.8	1760.3	1771.1	1774.1	1655.7	1745.6
32.5°	3368.7	3319.7	3121.3	3018.0	3121.3	3319.7	3368.7	3474.7	3392.9	3312.9	3332.5
30°	6346.3	6377.8	6080.4	6086.9	6080.4	6377.8	6346.3	6353.4	5955.6	5995.0	5757.5
27.5°	10859.4	11101.0	11037.5	10931.5	11037.5	11101.0	10859.4	10637.6	10087.6	9858.8	9275.1
25°	16238.7	16420.7	16298.8	16224.8	16298.8	16420.7	16238.7	15802.6	15137.6	14483.2	13648.1
22.5°	22450.3	22703.6	22640.0	22318.8	22640.0	22703.6	22450.3	21720.3	20968.6	19738.9	18625.5
20°	29326.7	29760.7	30012.8	29850.4	30012.8	29760.7	29326.7	28339.3	27140.5	25553.3	23847.9
17.5°	36044.8	36604.5	37033.6	37178.0	37033.6	36604.5	36044.8	34763.1	32958.3	30934.6	28765.1
15°	41694.0	42494.3	43058.0	43257.9	43058.0	42494.3	41694.0	40189.2	37960.1	35580.0	32900.1
12.5°	45748.0	46789.7	47450.8	47649.3	47450.8	46789.7	45748.0	43985.5	41894.1	39098.1	36254.7
10°	47977.3	49290.4	50042.9	50356.7	50042.9	49290.4	47977.3	46409.8	44162.8	41463.8	38275.5
7.5°	49222.9	50408.9	51119.9	51225.1	51119.9	50408.9	49222.9	47385.6	45322.1	42542.5	39333.3
5°	49627.0	50704.5	51291.4	51345.6	51291.4	50704.5	49627.0	47853.4	45706.6	42964.9	39604.7
2.5°	49804.1	50714.7	51147.5	51036.9	51147.5	50714.7	49804.1	48097.1	46007.3	43362.6	40113.2
0°	49713.5	50527.4	50986.7	51055.3	50986.7	50527.4	49713.5	48301.3	46186.1	43609.8	40299.8
-2.5°	48975.3	49581.3	49907.1	49697.7	49907.1	49581.3	48975.3	47691.6	45641.0	43031.4	39896.2
-5°	47292.1	47728.2	47864.2	47940.6	47864.2	47728.2	47292.1	46244.5	44358.1	41749.3	38802.1
-7.5°	44859.3	45215.1	45349.4	45255.2	45349.4	45215.1	44859.3	43782.6	41985.9	39682.6	36749.1
-10°	41652.7	41978.8	42092.8	42027.8	42092.8	41978.8	41652.7	40697.8	38968.2	36805.4	34220.7
-12.5°	38406.9	38793.3	38882.0	38887.6	38882.0	38793.3	38406.9	37468.0	35901.2	33955.5	31571.6
-15°	35216.1	35657.9	35793.0	35911.0	35793.0	35657.9	35216.1	34313.3	32931.9	31119.6	28972.6
-17.5°	32080.7	32519.6	32633.6	32479.5	32633.6	32519.6	32080.7	31214.6	29994.3	28366.9	26407.6
-20°	29503.5	29731.0	29973.8	29971.9	29973.8	29731.0	29503.5	28820.2	27606.8	26125.0	24383.9



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27375.0	27751.1	27957.9	28104.8	27957.9	27751.1	27375.0	26804.8	25650.7	24243.1	22667.3
-25°	25378.6	25698.1	25826.6	25924.5	25826.6	25698.1	25378.6	24774.7	23787.3	22512.5	21017.8
-27.5°	23840.8	24164.9	24348.2	24456.8	24348.2	24164.9	23840.8	23233.1	22371.5	21145.8	19800.7
-30°	22614.3	22932.8	23151.2	23288.4	23151.2	22932.8	22614.3	21939.5	21111.4	20000.0	18765.8
-32.5°	21292.7	21625.8	21853.5	21995.0	21853.5	21625.8	21292.7	20650.1	19839.2	18866.8	17723.4
-35°	19919.4	20252.6	20498.3	20613.6	20498.3	20252.6	19919.4	19366.7	18575.1	17687.3	16664.2
-37.5°	18585.2	18896.3	19113.4	19198.7	19113.4	18896.3	18585.2	18107.2	17352.6	16548.9	15609.3
-40°	17194.4	17487.9	17689.6	17768.1	17689.6	17487.9	17194.4	16806.2	16102.9	15342.8	14518.0
-42.5°	15792.0	16065.8	16252.1	16330.4	16252.1	16065.8	15792.0	15455.1	14831.7	14138.4	13403.4
-45°	14371.4	14615.0	14772.7	14832.8	14772.7	14615.0	14371.4	14069.4	13542.9	12896.8	12208.7
-47.5°	12973.1	13192.8	13328.4	13372.3	13328.4	13192.8	12973.1	12703.5	12268.5	11691.1	11083.3
-50°	11608.2	11788.1	11912.2	11982.1	11912.2	11788.1	11608.2	11381.9	11041.8	10550.8	10041.6
-52.5°	10345.7	10509.1	10606.5	10644.7	10606.5	10509.1	10345.7	10143.6	9874.0	9453.1	9006.9
-55°	9162.5	9303.9	9386.6	9419.9	9386.6	9303.9	9162.5	8990.2	8782.3	8420.4	8035.4
-57.5°	8069.8	8185.7	8263.6	8307.7	8263.6	8185.7	8069.8	7927.3	7759.7	7448.8	7102.1
-60°	7033.7	7128.7	7194.1	7232.5	7194.1	7128.7	7033.7	6913.9	6769.6	6511.4	6214.6
-62.5°	6033.6	6114.3	6167.3	6197.8	6167.3	6114.3	6033.6	5932.1	5809.8	5610.5	5365.9
-65°	5129.4	5200.1	5234.3	5247.5	5234.3	5200.1	5129.4	5042.4	4939.4	4783.3	4582.4
-67.5°	4329.5	4393.1	4416.2	4420.5	4416.2	4393.1	4329.5	4252.6	4163.1	4036.9	3870.2
-70°	3565.8	3617.7	3635.2	3637.4	3635.2	3617.7	3565.8	3503.5	3431.4	3335.2	3203.0
-72.5°	2836.0	2868.7	2894.0	2910.6	2894.0	2868.7	2836.0	2794.4	2743.9	2675.0	2573.0
-75°	2188.5	2216.5	2228.6	2233.1	2228.6	2216.5	2188.5	2153.6	2112.0	2059.9	1985.7
-77.5°	1593.8	1615.1	1620.0	1619.0	1620.0	1615.1	1593.8	1567.8	1537.2	1500.9	1451.3
-80°	1067.7	1077.6	1084.1	1087.5	1084.1	1077.6	1067.7	1054.3	1037.5	1016.3	985.5
-82.5°	654.1	666.2	653.8	638.8	653.8	666.2	654.1	640.3	625.0	608.4	594.3
-85°	306.0	306.5	307.6	308.0	307.6	306.5	306.0	304.6	302.5	299.5	294.1
-87.5°	114.4	115.7	115.2	114.4	115.2	115.7	114.4	112.9	111.3	109.5	107.5
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	20.3	19.8	19.4	19.0	18.5	18.1	17.6	16.7	15.9	15.0	14.1
87.5°	10.9	8.8	6.7	7.5	8.2	8.9	9.6	9.1	8.7	8.2	7.8
85°	24.5	22.2	19.9	19.9	19.8	19.7	19.5	19.2	18.6	17.8	16.9
82.5°	29.3	30.1	30.7	33.1	35.0	36.2	36.8	36.6	35.9	34.6	32.6
80°	36.9	39.4	42.0	47.1	51.6	55.5	58.4	59.7	60.4	60.2	58.2
77.5°	43.2	47.5	52.2	59.6	66.6	73.1	78.6	81.7	83.2	84.0	81.5
75°	43.1	48.9	56.2	66.7	76.5	85.8	92.7	97.6	101.5	104.4	101.7
72.5°	37.4	42.8	51.6	64.8	78.7	90.5	100.1	108.1	115.2	121.2	117.1
70°	29.7	33.6	41.4	53.2	65.9	79.6	94.1	108.6	122.9	132.3	125.6
67.5°	23.5	25.7	32.1	41.5	52.5	64.8	79.5	96.2	112.3	127.5	124.5
65°	19.9	20.7	24.6	31.4	39.7	49.8	62.1	76.7	93.9	111.1	111.7
62.5°	18.8	19.4	21.7	25.3	30.1	36.5	45.9	58.6	73.4	85.2	89.5
60°	19.1	19.7	21.2	23.0	25.1	28.3	35.7	44.3	54.4	64.4	69.5
57.5°	21.0	21.4	22.1	23.1	24.3	27.3	31.0	35.1	43.4	49.2	53.5
55°	22.6	23.2	23.7	24.1	24.8	27.3	30.2	33.8	37.5	39.3	44.7
52.5°	24.4	25.9	26.6	26.2	27.1	29.0	30.3	33.3	36.4	38.5	39.9
50°	34.6	36.4	35.1	32.1	35.0	34.6	34.3	35.0	38.5	40.5	40.4
47.5°	62.0	62.5	56.7	52.8	56.0	51.8	48.6	45.8	51.3	46.2	45.5
45°	116.8	114.1	100.5	102.0	98.2	91.5	77.5	84.8	78.4	70.3	54.0
42.5°	204.6	200.4	186.3	194.3	180.5	162.9	155.2	163.1	136.6	110.9	117.0
40°	371.4	324.0	351.3	363.7	328.0	276.3	347.5	298.6	254.4	182.9	240.8
37.5°	775.1	631.9	760.3	764.0	661.9	608.9	686.0	618.4	431.8	456.7	464.7
35°	1663.5	1584.0	1555.3	1500.0	1309.2	1372.8	1230.3	1088.3	934.7	884.0	800.0
32.5°	3012.4	3096.9	2897.4	2652.6	2629.3	2498.6	2202.9	1774.5	1776.2	1601.3	1308.5
30°	5355.9	5242.4	4884.9	4478.8	4470.5	4136.9	3477.8	3191.3	2926.8	2529.8	1971.6
27.5°	8879.2	8094.7	7530.9	7214.4	6745.7	6196.4	5548.9	4879.1	4313.9	3708.9	2957.8
25°	13032.4	12055.9	11046.2	10376.4	9560.6	8693.4	7889.0	6949.7	6004.2	5055.3	4103.5
22.5°	17487.9	16301.8	15070.0	13824.1	12603.9	11491.2	10424.0	9178.4	7736.7	6404.6	5303.8
20°	22064.2	20444.1	18958.7	17230.2	15576.4	14222.0	13015.8	11300.3	9375.6	7756.4	6472.6
17.5°	26412.8	24347.4	22254.7	20108.3	18319.2	16852.0	14985.4	12979.5	10906.2	9027.8	7589.2
15°	30326.1	27485.1	24993.4	22732.2	20572.7	18446.1	16489.4	14505.7	12336.9	10305.6	8609.0
12.5°	33035.7	30058.3	27383.2	24531.0	22012.5	19786.9	17800.4	15811.4	13534.7	11151.9	9178.1
10°	35021.7	31794.9	28671.6	25763.2	23230.9	20974.6	18768.0	16507.3	14046.4	11659.1	9651.0
7.5°	35936.1	32712.7	29640.5	26650.3	24006.0	21645.3	19301.8	16948.5	14412.2	12010.5	10030.8
5°	36362.3	33274.3	30222.6	27107.0	24452.2	22118.8	19736.2	17283.6	14635.2	12222.0	10321.9
2.5°	36752.0	33577.1	30511.8	27301.1	24716.2	22440.1	20115.4	17621.8	14912.3	12442.4	10508.2
0°	37010.8	33887.3	30784.9	27427.3	24865.1	22639.0	20444.6	17922.9	15153.1	12596.2	10620.0
-2.5°	36565.6	33424.4	30372.6	27170.5	24551.6	22358.2	20206.5	17798.1	15106.4	12596.1	10624.6
-5°	35593.9	32494.6	29505.4	26448.9	23836.3	21658.2	19585.6	17335.6	14832.5	12458.9	10560.8
-7.5°	33775.2	31005.3	28292.3	25448.1	22876.4	20706.8	18677.8	16538.0	14230.0	12005.8	10184.6
-10°	31456.2	28911.0	26377.0	23858.5	21596.7	19599.8	17668.7	15666.8	13531.4	11463.1	9747.5
-12.5°	29150.2	26723.1	24309.5	21997.5	20024.7	18186.0	16470.7	14709.3	12750.1	10833.5	9256.3
-15°	26660.2	24470.9	22341.1	20281.0	18372.8	16693.6	15176.7	13604.3	11866.0	10151.6	8715.7
-17.5°	24495.4	22318.0	20365.0	18700.2	16965.4	15258.6	13900.2	12522.9	11040.4	9559.9	8252.5
-20°	22581.1	20734.9	18836.1	17245.9	15763.6	14279.5	12818.1	11509.6	10274.5	9022.6	7852.3



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21028.2	19357.3	17681.8	16065.1	14663.0	13396.6	12112.6	10811.8	9559.2	8472.2	7465.1
-25°	19647.9	18070.2	16600.5	15235.3	13811.7	12557.7	11471.1	10318.7	9124.0	7985.5	7107.6
-27.5°	18493.2	17056.2	15731.4	14496.7	13216.3	11985.6	10910.4	9844.2	8735.5	7712.7	6811.3
-30°	17502.0	16253.1	15027.4	13864.6	12693.3	11536.0	10422.2	9410.4	8381.9	7417.6	6564.7
-32.5°	16561.5	15403.0	14286.6	13226.4	12136.3	11051.0	10006.0	8971.8	7982.3	7118.3	6327.1
-35°	15576.5	14501.3	13502.7	12520.7	11541.8	10533.4	9532.9	8519.7	7597.2	6786.5	6052.1
-37.5°	14610.0	13614.1	12690.7	11780.4	10889.2	9968.8	9005.0	8081.5	7209.0	6436.5	5741.2
-40°	13623.2	12722.5	11857.7	11023.2	10191.4	9357.8	8479.5	7621.9	6822.4	6052.1	5399.3
-42.5°	12589.8	11785.0	11005.2	10235.4	9461.1	8702.4	7933.6	7159.1	6408.4	5691.7	5036.8
-45°	11521.8	10825.1	10125.0	9422.1	8712.8	8042.5	7382.8	6673.7	5976.5	5309.8	4662.9
-47.5°	10488.7	9879.7	9240.7	8610.8	8001.0	7392.4	6797.0	6167.6	5528.1	4903.7	4329.0
-50°	9518.3	8963.4	8401.3	7844.5	7307.2	6757.1	6205.9	5652.2	5063.7	4505.9	3981.3
-52.5°	8542.7	8072.5	7593.4	7110.3	6624.4	6120.3	5610.6	5117.4	4598.1	4109.2	3645.0
-55°	7629.2	7214.6	6793.8	6367.4	5943.0	5499.8	5045.2	4596.8	4160.1	3716.9	3317.8
-57.5°	6733.0	6366.6	6019.8	5662.8	5297.4	4909.4	4513.4	4113.0	3727.6	3348.8	2988.2
-60°	5909.8	5601.0	5296.5	4990.4	4685.0	4352.0	3995.3	3643.9	3299.4	2984.7	2678.5
-62.5°	5108.9	4841.0	4589.6	4336.7	4074.0	3790.5	3485.7	3200.0	2912.6	2629.9	2381.8
-65°	4370.2	4147.7	3926.6	3718.9	3509.7	3297.5	3039.2	2786.6	2544.5	2311.6	2094.6
-67.5°	3696.6	3517.5	3341.7	3167.9	2994.2	2817.6	2605.1	2390.6	2191.9	2003.2	1818.8
-70°	3064.4	2920.5	2776.7	2632.7	2491.3	2352.9	2192.4	2023.2	1858.1	1697.6	1536.9
-72.5°	2465.9	2354.4	2243.1	2134.8	2025.0	1917.3	1793.3	1654.7	1517.5	1382.3	1251.8
-75°	1907.3	1825.2	1742.4	1661.7	1577.9	1491.6	1401.6	1298.3	1194.4	1090.2	986.8
-77.5°	1398.2	1342.0	1284.4	1230.7	1175.5	1119.1	1055.2	972.9	895.1	818.3	743.5
-80°	952.4	917.5	881.8	850.2	816.4	780.4	739.2	680.7	622.5	568.7	519.9
-82.5°	578.6	561.3	542.6	524.5	504.6	483.0	458.7	424.7	391.1	358.2	326.2
-85°	288.0	281.1	273.5	265.7	257.2	248.0	238.0	223.5	208.5	193.0	177.1
-87.5°	105.4	103.1	100.7	98.9	97.0	94.8	92.5	87.2	81.8	76.5	71.3
-90°	3.5	3.5	3.5	4.0	4.4	4.9	5.3	5.3	5.3	5.3	5.3



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	13.7	13.2	12.8	12.3	12.3	12.3	12.3	12.3	11.9	11.5	11.0
87.5°	9.2	10.4	11.5	12.4	11.7	11.0	10.4	9.7	10.1	10.4	10.5
85°	17.2	17.8	18.5	19.4	18.2	16.7	15.4	14.2	14.5	14.6	14.5
82.5°	29.5	27.9	27.1	26.6	26.4	25.5	24.0	21.9	19.8	18.8	18.5
80°	52.2	46.7	41.8	37.6	35.2	34.5	33.5	31.2	26.4	23.2	21.5
77.5°	73.2	65.6	58.6	51.7	45.6	41.4	39.3	38.3	32.8	27.3	23.7
75°	92.4	82.4	73.0	63.9	55.0	47.7	42.7	39.4	35.2	30.9	25.8
72.5°	105.3	94.5	84.9	74.8	63.3	53.7	46.0	40.5	36.1	31.7	27.3
70°	114.2	103.8	92.8	81.3	69.9	58.9	49.3	42.6	37.0	32.5	28.0
67.5°	119.7	107.9	97.1	86.7	75.0	63.3	52.1	45.0	39.1	33.3	28.7
65°	107.6	103.8	99.4	88.3	77.9	67.2	55.4	47.5	41.1	35.0	29.2
62.5°	92.1	92.1	89.5	86.8	78.6	68.4	58.6	50.6	43.1	36.7	30.4
60°	72.8	76.2	78.7	78.1	75.3	68.3	59.8	53.4	45.4	38.3	31.8
57.5°	58.8	61.1	66.1	69.1	68.3	65.1	60.5	54.8	47.5	39.9	33.2
55°	48.1	52.2	56.3	59.9	61.5	59.6	60.2	55.7	49.2	41.4	34.7
52.5°	42.6	46.7	50.8	53.3	55.1	56.0	58.7	56.6	50.1	42.7	36.4
50°	41.0	45.3	48.4	50.3	50.4	54.6	58.1	56.9	51.1	43.8	38.3
47.5°	47.1	50.8	49.7	49.5	49.4	54.7	58.8	57.8	52.1	44.7	40.4
45°	70.2	64.3	57.8	52.9	53.0	58.6	60.8	59.6	53.9	47.2	42.6
42.5°	111.3	99.9	76.5	57.8	67.8	65.0	64.0	62.6	56.3	50.2	45.2
40°	225.0	157.5	108.8	100.9	93.2	73.5	71.0	66.6	59.6	53.9	48.0
37.5°	383.6	278.0	176.4	180.1	138.8	104.6	79.7	71.4	65.4	58.7	51.1
35°	658.8	463.8	367.5	327.1	235.1	142.9	89.7	78.4	72.4	63.8	54.4
32.5°	998.9	814.9	719.4	551.0	355.4	188.3	117.4	91.4	80.3	69.0	57.9
30°	1573.8	1421.6	1153.2	825.8	525.3	300.0	165.9	106.3	89.0	74.5	61.7
27.5°	2441.0	2137.1	1681.3	1222.7	787.4	435.7	237.6	123.0	98.3	80.7	66.1
25°	3385.2	2948.1	2369.1	1694.7	1082.6	651.3	325.3	143.2	110.8	88.2	70.6
22.5°	4428.2	3786.3	3128.1	2210.7	1410.1	901.7	464.8	210.1	125.4	96.0	75.1
20°	5427.6	4639.4	3887.2	2615.7	1759.9	1193.1	659.2	285.1	140.7	104.1	79.5
17.5°	6398.2	5339.9	4297.5	3056.9	2103.0	1468.3	869.4	366.3	156.5	112.2	83.9
15°	7060.0	5807.9	4681.6	3450.9	2409.4	1727.0	1090.4	451.7	172.5	120.3	90.6
12.5°	7567.2	6231.8	5048.3	3797.9	2680.9	1969.3	1317.0	539.2	188.5	132.9	100.2
10°	8002.7	6610.8	5392.3	4098.6	2919.6	2195.0	1543.6	621.7	213.2	149.2	109.8
7.5°	8368.3	6944.2	5707.8	4354.0	3114.7	2343.9	1682.5	688.8	238.8	165.4	119.3
5°	8653.6	7191.2	5957.2	4527.9	3216.0	2410.9	1787.6	747.3	263.6	181.3	128.6
2.5°	8823.4	7325.4	6145.7	4657.3	3297.0	2460.2	1869.3	796.6	287.4	196.6	137.5
0°	8934.2	7412.0	6287.5	4746.0	3355.8	2493.5	1926.9	835.9	309.7	211.2	146.1
-2.5°	8976.3	7424.9	6308.0	4859.1	3475.4	2596.6	1983.0	945.0	414.2	282.9	192.1
-5°	8953.1	7398.3	6287.1	4930.4	3569.8	2682.5	2018.2	1043.4	515.5	352.5	236.8
-7.5°	8673.2	7242.2	6178.5	4941.1	3637.9	2748.2	2036.5	1131.0	611.9	418.9	279.7
-10°	8299.6	6991.4	5952.9	4792.4	3630.7	2787.7	2046.1	1208.0	702.0	481.1	320.1
-12.5°	7885.2	6707.7	5708.0	4630.1	3597.8	2809.1	2073.0	1279.9	784.6	538.1	357.4
-15°	7436.6	6393.5	5450.5	4462.5	3552.1	2820.0	2087.6	1341.4	859.0	592.2	391.0
-17.5°	6995.3	6051.1	5186.8	4297.5	3496.3	2822.0	2091.7	1389.0	924.9	644.4	426.9
-20°	6755.5	5802.2	4927.6	4142.1	3433.2	2816.7	2087.1	1422.1	981.4	690.3	463.6



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6516.1	5639.2	4803.1	4031.9	3380.0	2805.7	2075.5	1440.4	1027.7	729.7	495.5
-25°	6264.4	5467.8	4682.6	3953.9	3344.4	2765.4	2069.8	1443.6	1063.2	761.9	522.3
-27.5°	6041.7	5294.6	4543.2	3845.6	3274.6	2722.8	2060.7	1477.8	1091.2	786.7	543.6
-30°	5833.1	5119.6	4395.7	3718.9	3179.6	2619.9	2033.5	1499.4	1116.1	807.8	559.3
-32.5°	5617.7	4927.8	4218.1	3595.1	3053.3	2503.1	1957.0	1505.9	1131.0	823.7	572.7
-35°	5366.5	4695.2	4010.7	3441.6	2911.8	2382.6	1871.3	1497.1	1135.5	831.6	581.1
-37.5°	5081.2	4423.0	3814.9	3268.6	2760.2	2253.2	1809.0	1452.9	1129.5	831.3	583.4
-40°	4765.8	4150.9	3590.2	3093.0	2606.4	2115.2	1734.8	1406.2	1119.0	822.7	579.4
-42.5°	4434.1	3885.3	3375.7	2906.8	2446.9	2019.2	1651.8	1350.7	1080.9	809.7	569.0
-45°	4124.0	3615.0	3153.4	2717.8	2287.4	1911.3	1580.1	1288.1	1032.9	790.3	554.9
-47.5°	3804.1	3354.0	2928.3	2517.9	2152.2	1798.5	1498.6	1225.8	978.3	762.1	538.6
-50°	3502.3	3091.4	2701.8	2338.0	1998.0	1696.4	1410.5	1155.7	923.6	714.9	516.8
-52.5°	3218.4	2837.8	2487.6	2157.3	1861.3	1583.6	1321.9	1078.7	862.7	669.0	489.9
-55°	2936.5	2596.2	2278.4	1990.3	1721.9	1469.2	1224.8	1001.3	795.8	620.9	458.5
-57.5°	2665.2	2356.7	2086.6	1827.6	1579.1	1346.1	1124.9	917.1	730.9	568.2	428.2
-60°	2392.3	2142.4	1899.0	1658.5	1429.9	1218.8	1020.7	829.8	662.7	513.1	390.1
-62.5°	2145.1	1921.1	1700.8	1480.7	1278.0	1089.2	911.3	743.4	589.5	461.6	347.7
-65°	1891.8	1691.0	1493.1	1304.6	1124.3	956.1	803.0	651.3	521.7	407.0	306.0
-67.5°	1635.5	1460.1	1292.2	1124.8	971.7	827.1	688.7	565.6	452.8	349.5	270.0
-70°	1379.5	1228.0	1090.5	955.2	821.6	695.6	585.9	480.6	380.7	302.7	232.2
-72.5°	1129.0	1010.8	897.5	783.9	677.2	576.5	482.2	396.0	322.0	254.3	192.9
-75°	887.0	798.3	713.1	626.3	537.3	454.9	388.0	324.4	261.6	204.1	158.6
-77.5°	671.9	601.7	533.2	472.9	411.6	354.2	301.0	250.7	202.4	161.7	125.6
-80°	473.3	427.8	383.4	339.7	293.9	251.6	217.9	185.1	150.4	119.2	91.7
-82.5°	294.4	268.5	244.3	219.9	193.6	168.4	144.4	121.4	97.3	75.8	63.0
-85°	161.5	146.0	130.4	114.9	99.2	84.3	77.2	70.1	61.5	53.4	45.8
-87.5°	67.4	63.5	59.6	55.7	52.0	48.4	44.8	41.3	36.8	32.5	28.5
-90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.7	6.2	6.6



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

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	10.1	9.7	9.5	9.4	8.2	7.0
85°	14.3	12.8	11.6	10.6	10.0	8.4	7.0
82.5°	17.9	15.4	13.4	11.8	10.6	8.7	7.0
80°	21.1	18.0	15.1	12.9	11.2	9.0	7.0
77.5°	21.9	19.8	16.9	14.0	11.8	9.2	7.0
75°	22.6	20.1	18.3	15.1	12.3	9.5	7.0
72.5°	23.2	20.4	18.3	16.1	12.9	9.7	7.0
70°	23.8	20.7	18.4	16.9	13.4	9.9	7.0
67.5°	24.5	20.8	18.3	16.7	13.9	10.2	7.0
65°	25.3	21.3	18.3	16.6	14.4	10.4	7.0
62.5°	26.0	22.0	18.1	16.4	14.9	10.6	7.0
60°	26.7	22.7	18.0	16.1	15.3	10.8	7.0
57.5°	28.1	23.4	18.6	15.9	15.2	11.0	7.0
55°	29.4	24.1	19.2	15.6	15.1	11.2	7.0
52.5°	30.8	24.9	19.8	15.3	14.9	11.4	7.0
50°	32.1	26.0	20.4	15.0	14.8	11.5	7.0
47.5°	33.5	27.1	20.9	14.8	14.8	11.7	7.0
45°	35.5	28.1	21.5	15.2	14.7	11.8	7.0
42.5°	37.5	29.1	22.0	15.6	14.7	11.9	7.0
40°	39.6	30.0	22.6	16.3	14.6	12.1	7.0
37.5°	41.8	30.9	23.3	17.1	14.6	12.2	7.0
35°	44.1	32.4	24.0	18.0	14.6	12.3	7.0
32.5°	46.5	34.1	24.6	18.8	14.7	12.3	7.0
30°	49.3	35.8	25.2	19.7	14.7	12.4	7.0
27.5°	52.0	37.5	27.0	20.7	14.8	12.5	7.0
25°	54.9	39.1	29.0	21.6	14.8	12.5	7.0
22.5°	57.7	41.6	31.1	22.5	14.9	12.5	7.0
20°	60.5	46.1	33.4	23.5	15.0	12.6	7.0
17.5°	65.6	50.6	35.6	24.4	15.1	12.6	7.0
15°	72.2	55.2	38.0	25.3	15.2	12.6	7.0
12.5°	78.8	59.8	40.3	26.2	15.3	12.5	7.0
10°	85.2	64.3	42.6	27.0	15.4	12.5	7.0
7.5°	91.5	68.7	44.8	27.8	15.5	12.5	7.0
5°	97.6	73.0	47.0	28.6	15.6	12.4	7.0
2.5°	103.5	77.1	49.1	29.3	15.7	12.4	7.0
0°	109.1	80.9	51.0	29.9	15.8	12.3	7.0
-2.5°	136.5	96.7	59.3	33.6	17.0	12.5	7.0
-5°	163.1	112.1	67.3	37.1	18.2	12.7	7.0
-7.5°	188.8	126.7	75.0	40.5	19.4	12.9	7.0
-10°	213.1	140.5	82.2	43.7	20.5	13.1	7.0
-12.5°	235.7	153.3	88.9	46.6	21.6	13.3	7.0
-15°	256.4	164.9	95.0	49.3	22.6	13.5	7.0
-17.5°	274.7	175.1	100.4	51.7	23.5	13.6	7.0
-20°	294.7	183.8	105.0	53.7	24.3	13.7	7.0



REPORT NUMBER: P1305637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	318.7	190.9	108.7	55.4	25.1	13.8	7.0
-25°	339.1	201.7	111.6	56.7	25.7	13.9	7.0
-27.5°	355.7	212.5	113.4	57.6	26.2	13.9	7.0
-30°	368.2	221.0	114.8	58.1	26.6	13.9	7.0
-32.5°	376.6	226.9	119.1	58.1	26.9	13.9	7.0
-35°	382.6	230.2	121.9	57.6	27.1	13.9	7.0
-37.5°	385.5	231.8	123.2	56.7	27.1	13.9	7.0
-40°	384.4	232.7	122.9	55.3	27.0	13.8	7.0
-42.5°	379.2	231.0	122.2	54.0	26.8	13.7	7.0
-45°	370.0	226.7	121.5	53.4	26.4	13.6	7.0
-47.5°	356.9	220.0	119.4	52.0	25.9	13.4	7.0
-50°	343.8	210.7	116.0	51.6	25.3	13.3	7.0
-52.5°	327.8	199.0	111.4	51.0	24.5	13.1	7.0
-55°	308.4	189.1	105.5	49.9	23.6	12.8	7.0
-57.5°	285.6	178.2	98.4	48.2	22.6	12.6	7.0
-60°	260.6	165.4	90.3	46.0	21.5	12.3	7.0
-62.5°	239.7	150.8	84.6	43.3	20.7	12.0	7.0
-65°	216.5	134.7	78.1	40.1	19.8	11.7	7.0
-67.5°	191.1	119.7	70.7	36.5	18.9	11.4	7.0
-70°	163.7	106.1	62.6	32.5	18.0	11.1	7.0
-72.5°	140.8	91.5	53.8	29.7	16.9	10.7	7.0
-75°	117.5	75.8	44.4	27.2	15.9	10.3	7.0
-77.5°	92.9	59.4	38.4	24.4	14.8	10.0	7.0
-80°	67.3	47.7	33.0	21.6	13.6	9.6	7.0
-82.5°	52.4	38.6	27.3	18.6	12.4	9.2	7.0
-85°	38.7	29.3	21.5	15.5	11.2	8.7	7.0
-87.5°	24.7	19.7	15.6	12.4	10.0	8.3	7.0
-90°	7.0	7.5	7.9	8.4	8.8	7.9	7.0

(END OF REPORT)