

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: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-7F-CV2-A**

Issue Date: 2/3/2026

**Test Information**

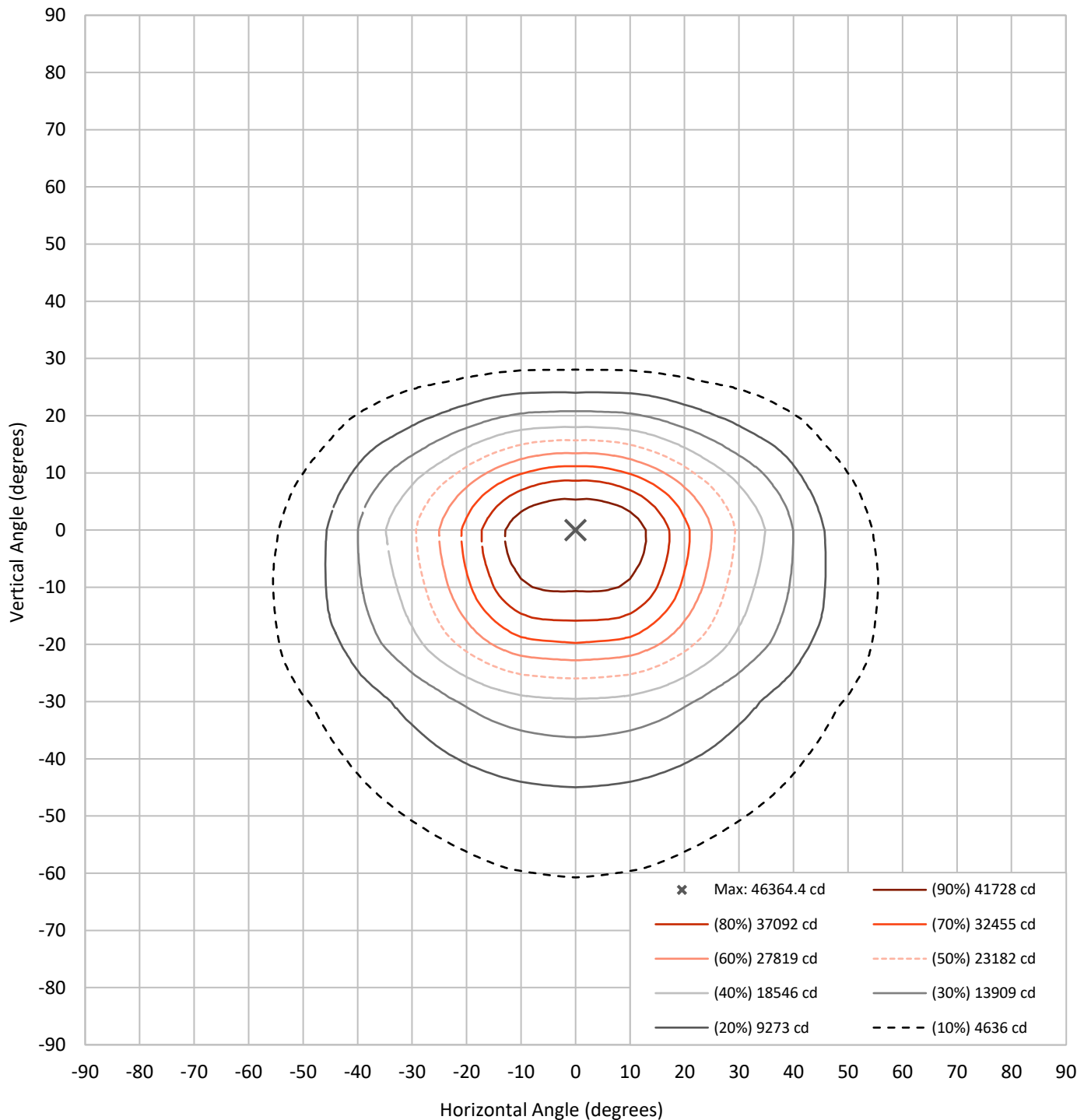
Test Method: LM-79-08  
Report Number: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-40-80-7F-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	40563.4 lumens	Max Intensity:	46364.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	73.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	19664.7 lumens	Field Lumens:	36841.1 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

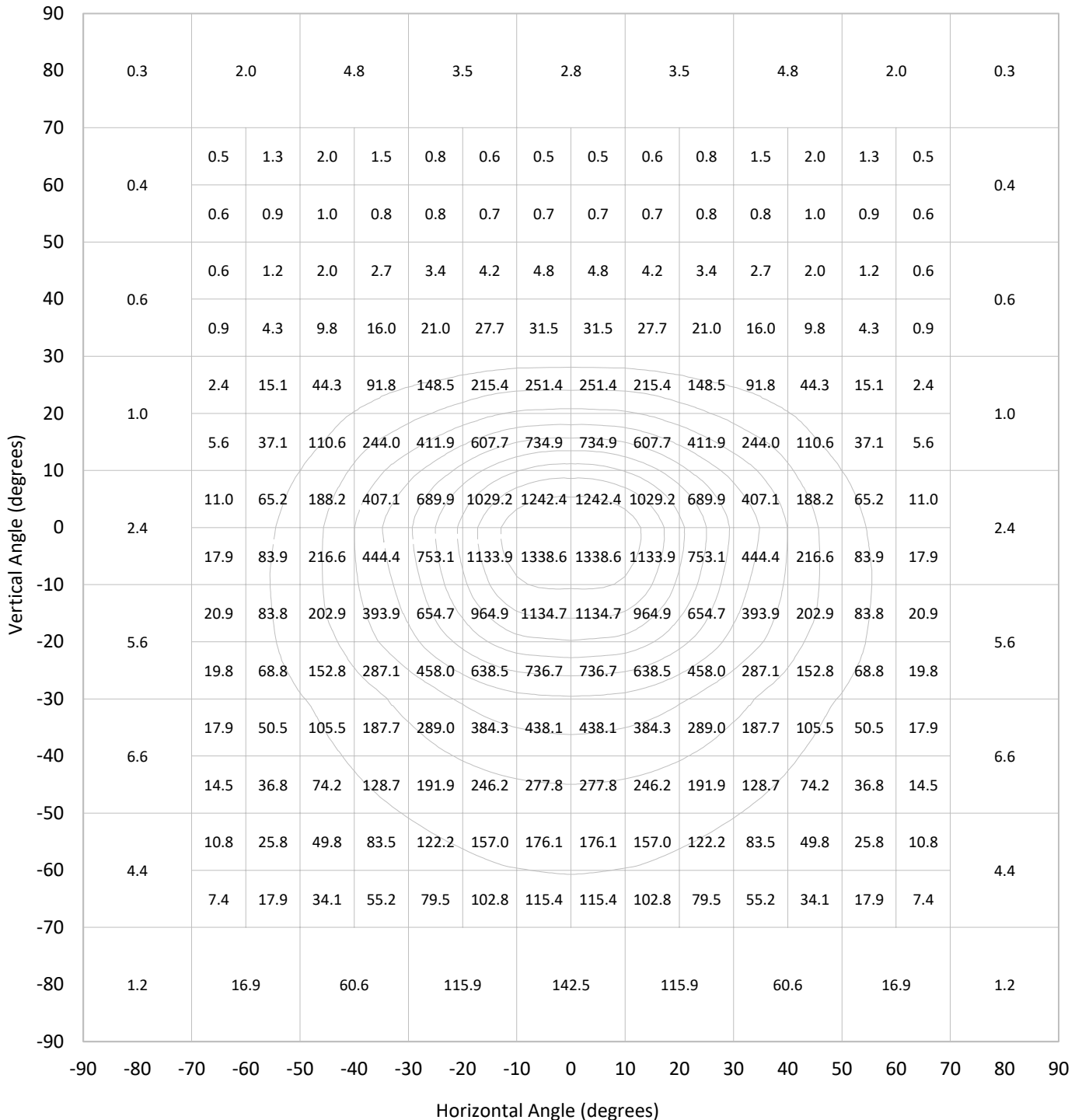
### Iso-Candela Plot





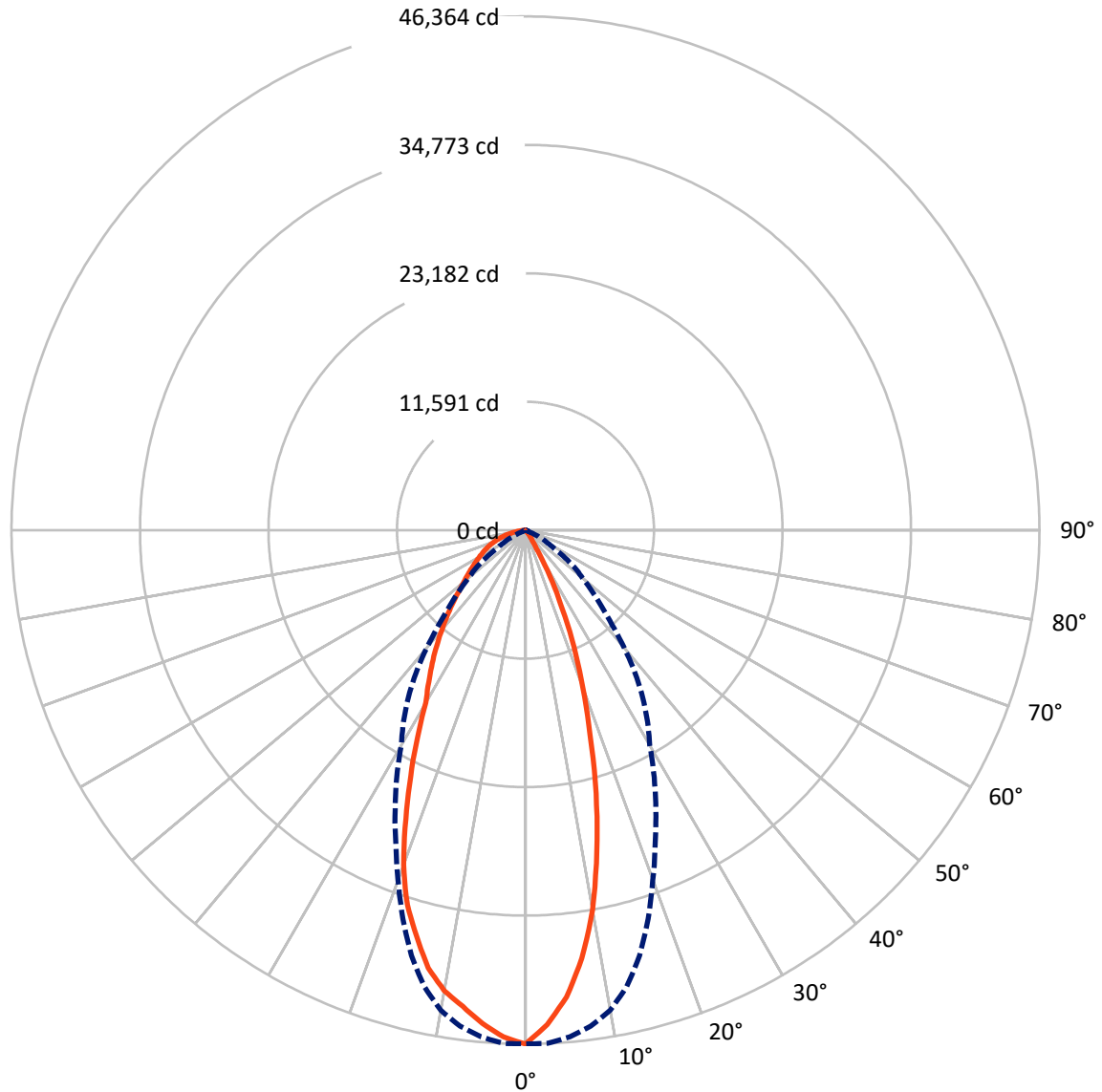
REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

### Lumen Table



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

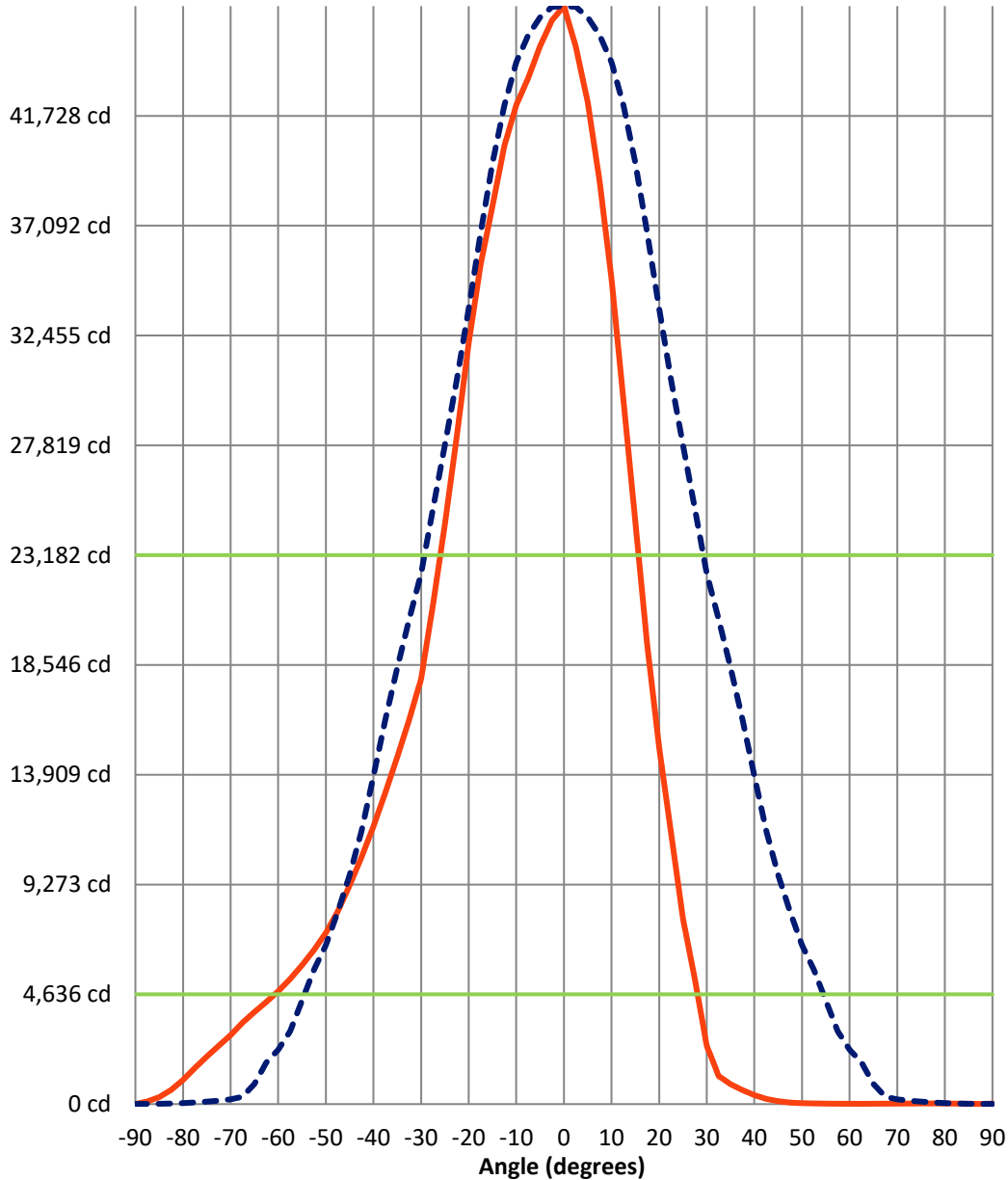
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 58.6°  
 V Angle: 41.6°  
 Lumens: 19664.7  
 Efficiency: 48.5%

**Field:**  
 H Angle: 109°  
 V Angle: 88.8°  
 Lumens: 36841.1  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 3722.3  
 Efficiency: 9.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.5	7.3	8.1	8.5	9.0	9.4	9.8	10.2	10.6	11.0	11.4
87.5°	6.5	6.7	7.1	7.5	8.1	8.7	9.4	9.7	9.9	9.9	10.0
85°	6.5	7.0	7.6	8.5	9.6	10.9	12.4	12.9	13.2	13.4	13.4
82.5°	6.5	7.2	8.2	9.5	11.1	13.1	15.3	16.1	16.6	17.7	19.8
80°	6.5	7.5	8.7	10.5	12.6	15.2	17.8	18.3	20.0	23.2	27.7
77.5°	6.5	7.7	9.3	11.4	14.1	16.6	18.2	19.9	23.3	28.4	33.8
75°	6.5	8.0	9.8	12.4	15.3	16.7	18.4	21.3	26.0	30.4	34.7
72.5°	6.5	8.2	10.4	13.3	15.2	16.7	18.7	22.3	26.8	31.2	35.6
70°	6.5	8.4	10.9	14.0	15.1	16.7	18.9	22.9	27.4	32.0	37.0
67.5°	6.5	8.7	11.4	13.8	15.0	16.7	19.6	23.4	28.1	33.3	38.5
65°	6.5	8.9	11.9	13.6	14.8	16.9	20.2	23.9	29.1	34.5	40.3
62.5°	6.5	9.1	12.3	13.4	14.6	17.5	20.8	24.7	30.1	35.9	43.3
60°	6.5	9.3	12.8	13.2	14.4	18.1	21.4	25.4	31.0	38.3	46.1
57.5°	6.5	9.5	12.7	12.9	14.8	18.6	22.4	26.3	32.7	40.5	47.4
55°	6.5	9.7	12.6	12.7	15.3	19.1	23.5	27.4	34.4	42.3	48.2
52.5°	6.5	9.9	12.5	12.4	15.7	19.7	24.5	29.2	36.0	43.1	49.0
50°	6.5	10.0	12.5	12.1	16.1	20.6	25.6	31.2	37.2	44.0	47.7
47.5°	6.5	10.2	12.5	12.0	16.5	21.5	26.7	33.1	38.1	44.8	46.3
45°	6.5	10.4	12.5	12.2	16.9	22.4	28.4	35.0	40.1	43.8	45.0
42.5°	6.5	10.5	12.5	12.5	17.2	23.3	30.0	37.0	42.4	43.0	43.7
40°	6.5	10.6	12.5	13.0	17.7	24.1	31.6	39.2	44.7	42.5	42.8
37.5°	6.5	10.8	12.6	13.7	18.3	25.0	33.2	41.6	46.6	45.1	42.3
35°	6.5	10.9	12.6	14.4	18.9	26.0	34.7	44.2	49.2	48.7	45.4
32.5°	6.5	11.0	12.7	15.1	19.5	27.2	36.4	46.9	52.2	53.3	58.4
30°	6.5	11.1	12.8	15.8	20.0	28.4	38.5	49.6	55.8	58.9	71.6
27.5°	6.5	11.2	12.9	16.6	21.6	29.4	40.6	52.4	60.1	65.4	85.2
25°	6.5	11.2	13.1	17.4	23.4	30.4	42.7	55.5	65.3	75.4	100.3
22.5°	6.5	11.3	13.2	18.1	25.3	32.3	44.8	58.7	71.0	86.9	148.7
20°	6.5	11.4	13.4	18.9	27.2	36.3	46.9	62.2	77.1	98.3	200.0
17.5°	6.5	11.4	13.5	19.7	29.2	40.6	52.4	65.7	83.4	109.6	253.2
15°	6.5	11.4	13.7	20.4	31.2	45.1	60.0	73.0	90.0	120.6	307.2
12.5°	6.5	11.5	13.9	21.2	33.2	49.6	67.8	84.9	103.7	131.3	360.9
10°	6.5	11.5	14.1	21.9	35.1	54.2	75.7	97.1	123.3	163.6	431.7
7.5°	6.5	11.5	14.2	22.6	37.1	58.7	83.5	109.3	143.2	200.1	541.7
5°	6.5	11.5	14.4	23.2	38.9	63.2	91.2	121.5	163.2	237.0	651.2
2.5°	6.5	11.4	14.5	23.8	40.7	67.5	98.6	133.4	182.8	273.7	756.7
0°	6.5	11.4	14.7	24.4	42.3	71.6	105.8	144.9	201.9	309.3	854.7
-2.5°	6.5	11.6	15.8	28.0	50.5	86.9	133.2	190.2	273.2	424.6	1005.9
-5°	6.5	11.8	16.8	31.5	58.5	101.8	159.9	234.3	342.6	535.8	1144.1
-7.5°	6.5	12.0	17.8	34.9	66.2	116.1	185.4	276.7	408.9	640.8	1267.3
-10°	6.5	12.2	18.8	38.1	73.5	129.5	209.5	316.5	471.1	737.4	1373.6
-12.5°	6.5	12.3	19.7	41.1	80.2	142.0	231.7	353.4	528.1	820.5	1413.9
-15°	6.5	12.5	20.5	43.8	86.4	153.3	251.7	386.7	578.2	871.2	1420.2
-17.5°	6.5	12.6	21.3	46.2	91.8	163.3	269.2	418.3	621.3	914.7	1417.9
-20°	6.5	12.7	22.1	48.3	96.5	171.9	286.3	447.8	658.6	950.4	1408.1



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.5	12.8	22.7	50.0	100.4	179.0	304.5	473.1	689.7	978.1	1391.7
-25°	6.5	12.9	23.3	51.4	103.4	188.2	319.6	493.7	714.1	997.6	1369.6
-27.5°	6.5	12.9	23.7	52.3	105.5	197.0	331.4	509.4	731.5	1013.7	1383.5
-30°	6.5	12.9	24.1	52.8	106.9	203.6	339.6	520.0	746.1	1030.6	1389.1
-32.5°	6.5	12.9	24.3	52.8	110.1	207.9	344.3	528.2	756.4	1038.1	1384.2
-35°	6.5	12.9	24.5	52.4	112.1	209.9	348.0	532.2	759.5	1036.0	1368.9
-37.5°	6.5	12.9	24.5	51.4	112.8	210.4	349.4	531.0	755.3	1024.0	1302.0
-40°	6.5	12.8	24.5	50.0	112.1	210.5	347.1	524.5	743.8	1009.6	1235.1
-42.5°	6.5	12.7	24.3	48.7	111.1	208.4	341.3	512.7	729.0	961.0	1163.8
-45°	6.5	12.6	24.0	47.8	110.0	204.2	331.8	498.2	709.1	905.1	1090.4
-47.5°	6.5	12.4	23.6	46.3	107.8	197.7	318.7	482.0	681.9	846.5	1024.9
-50°	6.5	12.3	23.0	45.8	104.4	189.1	306.5	461.1	634.2	792.8	956.5
-52.5°	6.5	12.1	22.4	45.3	99.9	178.4	292.0	435.4	589.4	736.8	886.2
-55°	6.5	11.9	21.7	44.3	94.3	169.2	274.6	405.9	544.6	678.6	821.8
-57.5°	6.5	11.7	20.8	42.8	87.6	159.2	254.3	379.1	497.7	624.0	755.1
-60°	6.5	11.4	19.9	40.7	80.1	147.5	232.0	345.5	450.3	568.7	688.7
-62.5°	6.5	11.2	19.2	38.2	74.7	134.2	213.2	308.4	406.2	511.4	624.7
-65°	6.5	10.9	18.4	35.2	68.5	119.6	192.4	272.0	359.8	455.9	558.6
-67.5°	6.5	10.6	17.5	31.8	61.5	105.7	169.7	239.9	311.2	399.0	491.9
-70°	6.5	10.2	16.6	28.0	53.8	92.7	145.2	206.3	269.5	339.7	423.2
-72.5°	6.5	9.9	15.7	25.6	45.5	78.7	123.5	171.3	226.3	287.2	353.9
-75°	6.5	9.6	14.7	23.4	36.6	63.8	101.0	139.5	181.4	233.1	289.6
-77.5°	6.5	9.2	13.6	21.1	31.5	48.1	77.4	108.4	142.3	179.8	223.3
-80°	6.5	8.8	12.6	18.7	27.2	38.0	52.9	76.5	102.9	132.1	164.1
-82.5°	6.5	8.5	11.5	16.3	22.8	31.1	41.0	50.6	62.8	83.6	106.5
-85°	6.5	8.1	10.4	13.7	18.2	23.9	30.8	37.3	44.4	52.3	60.7
-87.5°	6.5	7.7	9.2	11.1	13.6	16.7	20.3	23.8	27.6	31.7	36.1
-90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	11.8	12.2	12.6	13.0	13.4	13.9	14.3	14.7	15.5	16.3	17.1
87.5°	10.5	11.0	11.5	12.1	11.1	9.9	8.6	7.2	7.6	8.0	8.4
85°	14.4	15.5	16.9	18.0	17.1	16.4	15.9	15.6	16.4	17.2	17.7
82.5°	21.8	23.2	24.1	24.6	25.0	25.8	27.2	30.1	31.9	33.0	33.5
80°	30.0	31.1	32.0	34.3	38.1	42.7	47.9	53.7	55.3	55.1	54.0
77.5°	35.0	37.1	40.9	46.5	52.9	59.4	66.6	74.5	76.5	75.5	74.0
75°	38.0	42.5	48.9	56.8	65.2	73.9	83.2	91.7	93.9	91.1	87.8
72.5°	40.6	47.2	55.8	66.0	75.7	84.7	94.2	104.1	107.9	103.3	97.3
70°	42.9	51.3	61.7	72.7	83.7	93.3	102.6	113.2	120.1	111.5	98.2
67.5°	44.9	55.5	66.8	78.2	87.5	97.0	108.2	112.9	115.4	101.6	87.4
65°	48.0	59.3	69.4	78.9	88.7	93.4	97.1	100.6	99.2	83.6	68.5
62.5°	51.0	60.2	69.6	77.2	80.3	83.2	82.7	79.4	74.3	64.7	52.9
60°	52.1	59.9	66.7	70.0	71.1	68.5	64.7	61.7	57.4	49.1	41.3
57.5°	52.7	57.3	61.1	62.1	59.1	55.0	53.6	49.3	46.1	40.9	33.8
55°	52.3	53.0	54.9	52.6	50.3	48.8	46.4	45.0	40.5	35.6	30.4
52.5°	50.1	49.3	47.7	46.6	47.3	47.0	46.2	43.8	39.8	34.8	31.9
50°	48.1	45.2	42.6	46.2	49.5	52.2	48.1	45.5	45.3	43.0	38.3
47.5°	45.6	41.8	44.1	49.7	59.1	62.6	56.8	56.6	58.5	63.1	57.4
45°	43.4	44.8	48.5	62.4	73.9	79.2	80.1	73.8	89.4	94.6	93.0
42.5°	41.8	51.0	67.7	77.4	96.0	107.5	112.0	121.3	130.5	141.8	144.7
40°	47.8	59.2	96.7	113.3	124.9	144.3	167.9	183.3	186.2	203.3	211.1
37.5°	55.8	92.2	136.4	165.1	164.3	198.2	233.6	270.6	291.4	275.0	312.9
35°	64.8	130.9	193.6	235.3	245.9	266.9	329.2	400.1	468.6	428.5	448.1
32.5°	91.6	175.4	260.4	324.3	386.5	400.7	439.2	631.4	755.8	757.9	657.8
30°	135.5	237.9	340.2	427.4	571.2	637.1	698.7	937.5	1146.6	1281.2	1309.8
27.5°	190.5	309.3	437.6	594.7	798.5	917.4	1117.1	1373.4	1702.5	1948.9	2119.2
25°	252.3	419.8	544.2	806.3	1069.8	1288.3	1568.6	1921.4	2382.9	2777.9	3146.5
22.5°	331.8	548.1	713.2	1043.4	1370.4	1689.3	2078.5	2585.7	3173.0	3686.6	4209.0
20°	431.8	693.8	933.6	1335.9	1712.2	2096.0	2595.5	3300.7	4044.2	4770.2	5448.2
17.5°	540.1	847.3	1180.6	1670.0	2179.2	2613.2	3136.1	4043.4	4961.7	5958.8	6946.1
15°	654.1	1006.3	1425.4	2034.5	2680.6	3271.4	3963.1	4887.4	5979.3	7258.2	8532.1
12.5°	771.1	1168.3	1665.5	2420.3	3203.5	3941.8	4822.4	5877.0	7130.6	8647.3	10192.0
10°	888.3	1330.3	1898.4	2817.2	3737.8	4615.3	5660.1	6832.4	8265.8	9970.1	11717.4
7.5°	1100.8	1543.3	2140.0	3214.3	4272.5	5282.1	6468.7	7747.1	9340.9	11235.6	13146.7
5°	1327.6	1805.6	2469.5	3630.9	4777.4	5867.3	7195.8	8612.5	10347.5	12427.3	14499.6
2.5°	1548.0	2058.0	2784.0	4019.9	5241.7	6313.6	7684.7	9174.4	11012.0	13259.4	15527.3
0°	1754.9	2298.6	3080.0	4372.6	5668.4	6716.7	8118.4	9674.6	11537.0	13855.1	16241.6
-2.5°	1941.8	2518.5	3329.2	4588.3	5800.1	6816.5	8228.1	9788.7	11630.8	13857.3	16063.5
-5°	2106.2	2723.5	3554.9	4768.4	5898.5	6882.7	8280.1	9834.7	11641.2	13757.6	15817.6
-7.5°	2246.2	2912.2	3755.8	4898.0	5950.9	6935.7	8291.2	9818.4	11579.7	13576.5	15527.1
-10°	2339.6	2990.0	3768.4	4864.3	5936.5	6957.0	8253.3	9739.8	11435.6	13319.4	15167.1
-12.5°	2279.2	2961.1	3723.6	4789.4	5887.0	6929.4	8165.0	9601.9	11211.8	13001.0	14741.8
-15°	2210.8	2913.4	3650.6	4671.9	5802.5	6849.6	8028.8	9407.9	10827.6	12479.7	14197.3
-17.5°	2137.8	2845.9	3548.4	4510.7	5683.3	6714.9	7776.7	8896.4	10199.0	11819.3	13516.0
-20°	2063.7	2758.0	3416.4	4305.1	5519.6	6372.6	7241.7	8282.6	9517.7	11026.1	12724.6



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1991.3	2649.1	3277.2	4124.3	5083.5	5888.5	6673.7	7610.4	8732.1	10097.0	11585.5
-25°	1936.8	2536.3	3142.3	3829.0	4625.2	5396.6	6064.3	6894.6	7915.0	9082.6	10260.1
-27.5°	1894.5	2436.2	2951.5	3537.5	4194.4	4900.7	5493.7	6206.6	7167.4	8102.5	9011.4
-30°	1849.4	2303.8	2758.2	3268.7	3849.4	4435.1	4949.6	5645.3	6500.2	7307.1	8030.6
-32.5°	1762.5	2163.8	2588.9	3049.1	3535.9	4018.5	4556.9	5216.1	5930.5	6624.4	7204.8
-35°	1659.5	2032.5	2425.9	2832.0	3243.4	3709.9	4246.2	4811.5	5416.1	6043.4	6704.8
-37.5°	1573.1	1895.8	2258.1	2630.9	3010.7	3445.3	3925.1	4444.2	4980.2	5541.1	6188.6
-40°	1480.2	1754.1	2098.7	2444.0	2793.6	3184.6	3625.6	4086.1	4566.4	5097.7	5658.1
-42.5°	1383.5	1644.3	1939.4	2253.5	2581.4	2931.7	3315.3	3743.4	4184.9	4651.6	5152.1
-45°	1300.2	1528.9	1782.2	2074.8	2366.5	2676.3	3022.9	3395.9	3810.4	4225.8	4661.5
-47.5°	1212.6	1414.1	1649.4	1893.3	2161.3	2435.9	2726.1	3077.5	3435.3	3816.2	4193.7
-50°	1125.2	1313.8	1511.3	1736.2	1965.9	2206.6	2461.1	2775.2	3103.6	3423.9	3754.8
-52.5°	1046.9	1209.5	1394.8	1585.8	1790.5	1999.3	2235.3	2508.6	2797.9	3083.1	3377.7
-55°	965.7	1118.1	1281.2	1453.2	1629.0	1814.6	2031.9	2275.3	2513.2	2778.6	3042.3
-57.5°	888.9	1029.5	1177.9	1329.6	1487.5	1648.0	1857.1	2059.5	2280.4	2500.7	2729.5
-60°	813.8	944.0	1080.1	1217.7	1354.6	1515.5	1693.0	1881.4	2069.5	2256.8	2470.7
-62.5°	737.9	862.3	986.3	1111.2	1238.3	1387.5	1556.6	1722.7	1882.9	2061.3	2242.9
-65°	665.3	778.8	895.9	1011.3	1124.2	1268.8	1421.2	1578.3	1734.1	1883.9	2038.1
-67.5°	590.0	693.5	801.4	912.4	1021.0	1146.4	1282.6	1425.7	1571.0	1708.8	1850.1
-70°	511.0	604.3	701.6	802.3	907.5	1019.3	1135.8	1261.0	1389.7	1511.5	1634.5
-72.5°	428.7	509.5	595.6	686.7	778.2	874.1	976.2	1083.8	1189.1	1291.1	1397.4
-75°	348.6	411.9	483.9	560.7	638.6	719.6	804.9	892.6	977.2	1060.1	1145.5
-77.5°	269.9	320.0	374.6	433.4	491.8	554.7	621.4	691.4	757.2	821.7	887.2
-80°	194.6	226.1	266.0	309.6	353.5	398.4	444.5	491.5	533.6	577.8	625.4
-82.5°	128.2	150.8	174.6	199.4	224.3	250.1	278.1	311.3	339.1	366.6	394.2
-85°	67.7	74.7	89.1	104.2	118.8	134.0	149.7	165.9	180.3	194.0	207.1
-87.5°	39.8	43.5	47.4	51.3	54.6	57.8	61.0	64.2	68.6	73.0	77.4
-90°	6.5	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	17.9	18.7	19.6	20.4	21.2	21.6	22.0	22.4	22.8	23.2	23.6
87.5°	8.9	8.7	8.4	8.1	7.8	9.7	11.7	13.7	15.8	14.4	12.9
85°	18.1	18.0	17.9	17.7	17.4	20.1	22.9	25.6	28.4	25.9	23.3
82.5°	33.4	32.7	31.6	29.9	27.9	27.6	27.1	26.2	25.0	23.8	22.9
80°	52.5	50.0	46.9	43.1	38.7	36.4	34.1	31.6	28.9	28.1	27.4
77.5°	71.0	66.3	60.7	54.6	48.2	44.1	40.5	36.7	32.6	31.5	30.8
75°	83.9	77.9	69.7	61.0	51.8	45.7	41.1	36.5	32.1	30.5	29.6
72.5°	89.8	81.1	70.9	59.2	48.0	40.6	36.1	31.9	28.1	26.5	25.7
70°	85.3	72.8	61.3	50.2	39.7	32.7	29.4	26.7	24.3	23.2	22.5
67.5°	72.7	60.0	49.1	39.3	31.2	25.9	24.1	22.5	21.0	20.2	19.9
65°	56.4	46.6	38.1	31.2	25.7	22.0	20.6	19.2	17.9	17.1	16.8
62.5°	42.7	35.1	29.6	25.3	21.8	19.4	18.3	17.4	16.7	16.2	15.8
60°	34.2	27.8	24.4	22.0	20.0	18.2	17.9	17.7	17.5	17.2	16.6
57.5°	29.2	25.3	22.8	22.2	21.3	20.1	19.8	19.7	19.0	17.8	17.3
55°	28.0	27.0	25.9	26.3	26.3	25.3	23.9	22.9	21.9	21.0	21.2
52.5°	31.2	33.2	34.3	34.3	32.6	30.2	27.4	27.8	28.3	28.8	29.3
50°	41.6	44.1	44.1	40.5	40.3	38.9	35.6	37.1	39.2	39.7	40.0
47.5°	57.7	60.2	61.9	55.6	56.7	60.1	56.4	55.4	62.3	65.4	66.9
45°	84.1	94.5	97.5	99.3	96.5	105.5	105.6	101.4	114.8	122.1	124.6
42.5°	140.3	157.6	171.4	175.4	172.1	183.3	191.9	191.2	208.0	220.0	223.1
40°	234.7	251.1	270.8	278.1	281.3	291.5	313.1	327.0	343.9	362.6	372.1
37.5°	355.9	381.5	385.6	400.6	419.6	429.1	462.0	490.0	513.0	548.0	570.4
35°	533.3	601.2	528.0	562.7	610.8	616.3	646.2	710.9	727.2	788.4	822.2
32.5°	860.8	987.1	970.5	853.0	956.3	1073.5	943.0	1175.2	1154.4	1219.8	1302.9
30°	1358.5	1725.8	1766.6	1594.8	1881.5	2037.1	2012.1	2243.5	2391.8	2373.4	2661.2
27.5°	2423.5	2718.1	2852.0	3098.7	3253.6	3483.0	3886.9	4122.3	4545.6	4767.7	5034.1
25°	3576.2	3924.6	4354.5	4778.8	5101.1	5609.6	6176.5	6622.2	7221.3	7597.2	7871.2
22.5°	4822.3	5437.6	6036.0	6627.1	7277.8	7978.1	8646.9	9419.3	10148.5	10686.8	11093.9
20°	6188.3	7039.8	7886.4	8697.8	9509.5	10446.0	11274.1	12202.4	13098.0	13876.7	14413.0
17.5°	7877.0	8767.3	9848.4	10934.1	11985.7	13145.4	14368.6	15409.5	16665.5	17702.8	18483.0
15°	9716.3	10831.2	12011.0	13369.0	14789.2	16224.2	17707.8	19238.0	20667.8	21994.1	22987.5
12.5°	11615.4	13003.2	14440.9	15944.5	17591.3	19377.0	21241.4	23062.7	24830.6	26288.4	27651.3
10°	13439.8	15174.2	16842.4	18604.3	20500.6	22498.4	24681.7	26851.1	28905.8	30701.6	32168.2
7.5°	15038.3	16921.3	18845.8	21006.4	23257.3	25496.0	27861.4	30294.9	32633.5	34703.4	36418.0
5°	16541.0	18505.4	20455.1	22779.6	25263.1	27832.0	30510.2	33243.9	35768.7	38108.8	40007.8
2.5°	17712.6	19778.8	21783.7	24332.3	26953.0	29569.2	32300.1	35289.0	38105.4	40649.1	42512.4
0°	18427.9	20467.7	22404.9	25139.7	27835.6	30581.8	33593.5	36774.4	39740.4	42177.4	43992.5
-2.5°	18180.5	20170.7	22272.2	24958.6	27808.6	30555.3	33601.9	36812.1	39758.8	42235.3	44007.8
-5°	17840.8	19791.8	21918.8	24606.8	27388.3	30131.9	33135.6	36292.5	39186.6	41622.8	43301.4
-7.5°	17423.1	19306.3	21380.3	23987.3	26753.2	29500.1	32424.0	35410.9	38178.8	40600.4	42180.1
-10°	16929.4	18714.6	20766.5	23273.9	26018.7	28666.6	31444.8	34403.1	37180.9	39383.2	41078.6
-12.5°	16417.1	18156.4	20061.8	22434.2	25061.9	27523.6	30176.2	33025.0	35472.2	37724.4	39214.3
-15°	15830.5	17498.5	19285.2	21471.9	23853.5	26157.6	28461.7	30974.0	33207.0	35209.6	36792.7
-17.5°	15151.6	16731.9	18300.1	20266.2	22546.4	24604.5	26621.8	28809.5	30794.6	32633.2	34003.9
-20°	14213.9	15514.3	17021.1	18902.1	20877.3	22613.2	24453.9	26291.6	28058.9	29615.3	30775.9



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	12870.7	14136.1	15531.9	17070.4	18723.0	20317.5	21893.1	23396.6	24834.5	26129.7	27063.9
-25°	11440.9	12596.8	13856.8	15135.5	16455.2	17883.5	19265.4	20506.5	21688.9	22689.7	23459.1
-27.5°	10020.3	11113.4	12215.0	13247.0	14302.5	15495.6	16705.1	17744.2	18745.6	19529.6	20129.5
-30°	8751.4	9919.9	10890.0	11592.1	12615.0	13661.7	14445.9	15391.3	16180.3	16680.5	17325.2
-32.5°	8052.2	8933.6	9813.0	10535.0	11347.8	12266.1	13008.7	13781.0	14446.9	14984.6	15389.9
-35°	7414.4	8188.8	8931.9	9674.7	10400.4	11138.1	11822.5	12474.5	13065.0	13540.5	13916.2
-37.5°	6841.4	7511.7	8184.4	8825.1	9477.1	10093.7	10681.2	11243.6	11740.1	12168.6	12522.7
-40°	6262.9	6861.7	7453.3	8032.7	8602.8	9106.1	9611.3	10076.0	10495.0	10874.2	11183.8
-42.5°	5682.1	6216.3	6734.5	7260.1	7766.0	8202.8	8619.9	9004.0	9363.4	9686.5	9953.7
-45°	5110.9	5582.8	6039.4	6506.0	6932.5	7330.7	7694.4	8017.8	8326.5	8598.9	8823.4
-47.5°	4596.2	4980.5	5387.9	5786.3	6156.5	6515.1	6833.1	7117.8	7388.6	7619.3	7802.5
-50°	4117.8	4468.7	4812.1	5134.8	5480.8	5795.2	6064.3	6326.7	6573.0	6778.8	6933.3
-52.5°	3668.0	3991.8	4300.6	4601.7	4901.9	5181.7	5439.8	5679.7	5894.9	6083.5	6217.4
-55°	3312.0	3576.5	3826.7	4116.4	4391.9	4640.6	4871.8	5104.7	5312.1	5495.4	5607.2
-57.5°	2974.9	3213.6	3451.8	3702.2	3944.6	4178.2	4397.7	4601.7	4792.8	4964.3	5060.7
-60°	2674.0	2866.7	3093.2	3324.3	3544.0	3752.5	3958.6	4150.0	4327.6	4476.8	4562.0
-62.5°	2422.1	2605.1	2796.7	2989.7	3179.8	3373.9	3560.9	3738.7	3907.3	4043.2	4126.0
-65°	2199.8	2365.6	2533.1	2704.0	2877.3	3048.1	3207.3	3363.5	3515.9	3632.4	3707.0
-67.5°	1990.7	2133.3	2274.0	2419.5	2568.7	2716.2	2856.5	2995.0	3130.6	3224.6	3283.0
-70°	1761.4	1887.4	2008.6	2131.0	2252.9	2372.7	2488.7	2604.5	2718.8	2794.3	2844.3
-72.5°	1507.3	1612.5	1710.9	1808.7	1908.4	2006.8	2102.2	2195.0	2284.6	2343.0	2386.2
-75°	1232.9	1313.2	1389.6	1466.7	1544.0	1624.0	1702.8	1778.4	1850.3	1894.1	1927.7
-77.5°	953.6	1010.4	1064.2	1118.5	1172.8	1234.8	1297.6	1358.5	1417.1	1448.0	1471.1
-80°	673.4	713.2	750.0	785.2	818.6	858.2	898.0	936.5	973.5	991.2	1004.2
-82.5°	421.9	445.2	467.1	487.8	507.4	528.5	548.6	567.3	584.6	593.1	599.5
-85°	219.5	229.6	239.0	247.7	255.6	265.4	274.6	283.2	291.1	293.7	295.4
-87.5°	81.8	84.9	87.9	90.7	93.4	97.1	100.7	104.3	107.7	108.6	109.4
-90°	4.9	4.9	4.9	4.9	4.9	4.5	4.1	3.7	3.3	3.3	3.3



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	24.0	24.4	24.4	24.4	24.4	24.4	24.0	23.6	23.2	22.8	22.4
87.5°	11.4	9.8	8.9	8.1	8.9	9.8	11.4	12.9	14.4	15.8	13.7
85°	20.6	17.9	17.1	16.3	17.1	17.9	20.6	23.3	25.9	28.4	25.6
82.5°	22.0	21.2	21.2	21.2	21.2	21.2	22.0	22.9	23.8	25.0	26.2
80°	26.7	26.0	26.0	26.0	26.0	26.0	26.7	27.4	28.1	28.9	31.6
77.5°	30.0	29.3	29.3	29.3	29.3	29.3	30.0	30.8	31.5	32.6	36.7
75°	28.7	27.8	27.7	27.7	27.7	27.8	28.7	29.6	30.5	32.1	36.5
72.5°	25.1	24.5	24.4	24.4	24.4	24.5	25.1	25.7	26.5	28.1	31.9
70°	21.9	21.4	21.2	21.2	21.2	21.4	21.9	22.5	23.2	24.3	26.7
67.5°	19.7	19.6	19.5	19.5	19.5	19.6	19.7	19.9	20.2	21.0	22.5
65°	16.6	16.4	16.3	16.3	16.3	16.4	16.6	16.8	17.1	17.9	19.2
62.5°	15.4	14.9	14.0	13.0	14.0	14.9	15.4	15.8	16.2	16.7	17.4
60°	15.8	14.9	14.7	14.7	14.7	14.9	15.8	16.6	17.2	17.5	17.7
57.5°	16.8	16.4	16.3	16.3	16.3	16.4	16.8	17.3	17.8	19.0	19.7
55°	21.2	21.1	21.1	21.2	21.1	21.1	21.2	21.2	21.0	21.9	22.9
52.5°	29.4	29.2	29.2	29.3	29.2	29.2	29.4	29.3	28.8	28.3	27.8
50°	40.4	40.4	39.9	39.1	39.9	40.4	40.4	40.0	39.7	39.2	37.1
47.5°	67.9	66.8	65.7	65.1	65.7	66.8	67.9	66.9	65.4	62.3	55.4
45°	127.5	126.6	124.7	123.7	124.7	126.6	127.5	124.6	122.1	114.8	101.4
42.5°	228.4	226.5	222.3	219.8	222.3	226.5	228.4	223.1	220.0	208.0	191.2
40°	382.7	384.8	381.4	379.3	381.4	384.8	382.7	372.1	362.6	343.9	327.0
37.5°	588.3	596.9	595.8	592.6	595.8	596.9	588.3	570.4	548.0	513.0	490.0
35°	837.8	847.3	842.4	841.6	842.4	847.3	837.8	822.2	788.4	727.2	710.9
32.5°	1240.5	1226.4	1173.9	1188.4	1173.9	1226.4	1240.5	1302.9	1219.8	1154.4	1175.2
30°	2680.6	2732.2	2585.3	2467.9	2585.3	2732.2	2680.6	2661.2	2373.4	2391.8	2243.5
27.5°	5060.4	5171.6	5150.8	5271.2	5150.8	5171.6	5060.4	5034.1	4767.7	4545.6	4122.3
25°	7978.6	8052.3	8057.1	7840.0	8057.1	8052.3	7978.6	7871.2	7597.2	7221.3	6622.2
22.5°	11244.6	11315.8	11445.5	11445.8	11445.5	11315.8	11244.6	11093.9	10686.8	10148.5	9419.3
20°	14785.8	14798.8	15046.6	15064.6	15046.6	14798.8	14785.8	14413.0	13876.7	13098.0	12202.4
17.5°	19032.3	19238.8	19573.9	19378.6	19573.9	19238.8	19032.3	18483.0	17702.8	16665.5	15409.5
15°	23927.5	24388.9	24747.2	24586.3	24747.2	24388.9	23927.5	22987.5	21994.1	20667.8	19238.0
12.5°	28735.0	29462.3	29808.6	29724.0	29808.6	29462.3	28735.0	27651.3	26288.4	24830.6	23062.7
10°	33311.0	34334.8	34702.5	34832.3	34702.5	34334.8	33311.0	32168.2	30701.6	28905.8	26851.1
7.5°	37698.0	38636.1	39193.6	38960.7	39193.6	38636.1	37698.0	36418.0	34703.4	32633.5	30294.9
5°	41218.9	42011.2	42461.5	42301.1	42461.5	42011.2	41218.9	40007.8	38108.8	35768.7	33243.9
2.5°	43712.3	44452.2	44842.6	44646.1	44842.6	44452.2	43712.3	42512.4	40649.1	38105.4	35289.0
0°	45136.9	45890.7	46332.6	46364.4	46332.6	45890.7	45136.9	43992.5	42177.4	39740.4	36774.4
-2.5°	45081.3	45613.7	45924.4	45766.1	45924.4	45613.7	45081.3	44007.8	42235.3	39758.8	36812.1
-5°	44137.5	44587.2	44748.4	44679.5	44748.4	44587.2	44137.5	43301.4	41622.8	39186.6	36292.5
-7.5°	42973.2	43304.7	43415.6	43333.2	43415.6	43304.7	42973.2	42180.1	40600.4	38178.8	35410.9
-10°	41846.8	42178.1	42234.3	42187.2	42234.3	42178.1	41846.8	41078.6	39383.2	37180.9	34403.1
-12.5°	40206.7	40565.8	40577.5	40468.1	40577.5	40565.8	40206.7	39214.3	37724.4	35472.2	33025.0
-15°	37648.8	37942.4	37989.8	37928.6	37989.8	37942.4	37648.8	36792.7	35209.6	33207.0	30974.0
-17.5°	34805.7	35000.1	35210.8	35446.0	35210.8	35000.1	34805.7	34003.9	32633.2	30794.6	28809.5
-20°	31392.1	31624.6	31873.2	32136.5	31873.2	31624.6	31392.1	30775.9	29615.3	28058.9	26291.6



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27555.6	27816.9	28071.9	28205.1	28071.9	27816.9	27555.6	27063.9	26129.7	24834.5	23396.6
-25°	23844.5	24162.7	24364.0	24485.3	24364.0	24162.7	23844.5	23459.1	22689.7	21688.9	20506.5
-27.5°	20442.3	20819.6	21005.4	21084.6	21005.4	20819.6	20442.3	20129.5	19529.6	18745.6	17744.2
-30°	17576.9	17808.6	17840.7	17960.7	17840.7	17808.6	17576.9	17325.2	16680.5	16180.3	15391.3
-32.5°	15687.8	15945.2	16101.6	16233.5	16101.6	15945.2	15687.8	15389.9	14984.6	14446.9	13781.0
-35°	14207.8	14441.0	14594.4	14657.7	14594.4	14441.0	14207.8	13916.2	13540.5	13065.0	12474.5
-37.5°	12789.2	12965.4	13072.6	13158.4	13072.6	12965.4	12789.2	12522.7	12168.6	11740.1	11243.6
-40°	11421.4	11596.1	11702.2	11730.7	11702.2	11596.1	11421.4	11183.8	10874.2	10495.0	10076.0
-42.5°	10144.8	10279.4	10371.7	10434.9	10371.7	10279.4	10144.8	9953.7	9686.5	9363.4	9004.0
-45°	8988.8	9107.4	9189.6	9240.0	9189.6	9107.4	8988.8	8823.4	8598.9	8326.5	8017.8
-47.5°	7937.4	8032.8	8098.3	8136.3	8098.3	8032.8	7937.4	7802.5	7619.3	7388.6	7117.8
-50°	7048.6	7133.9	7194.4	7231.2	7194.4	7133.9	7048.6	6933.3	6778.8	6573.0	6326.7
-52.5°	6322.0	6404.8	6465.7	6505.1	6465.7	6404.8	6322.0	6217.4	6083.5	5894.9	5679.7
-55°	5700.1	5776.2	5831.3	5867.0	5831.3	5776.2	5700.1	5607.2	5495.4	5312.1	5104.7
-57.5°	5142.5	5209.7	5256.4	5285.8	5256.4	5209.7	5142.5	5060.7	4964.3	4792.8	4601.7
-60°	4634.6	4695.2	4738.1	4768.1	4738.1	4695.2	4634.6	4562.0	4476.8	4327.6	4150.0
-62.5°	4199.2	4262.9	4297.0	4315.6	4297.0	4262.9	4199.2	4126.0	4043.2	3907.3	3738.7
-65°	3775.5	3836.9	3870.0	3889.1	3870.0	3836.9	3775.5	3707.0	3632.4	3515.9	3363.5
-67.5°	3334.6	3378.9	3412.6	3438.1	3412.6	3378.9	3334.6	3283.0	3224.6	3130.6	2995.0
-70°	2887.2	2923.0	2924.2	2914.0	2924.2	2923.0	2887.2	2844.3	2794.3	2718.8	2604.5
-72.5°	2423.6	2455.0	2463.2	2463.0	2463.2	2455.0	2423.6	2386.2	2343.0	2284.6	2195.0
-75°	1956.6	1980.7	1996.8	2007.2	1996.8	1980.7	1956.6	1927.7	1894.1	1850.3	1778.4
-77.5°	1490.0	1504.5	1517.9	1527.0	1517.9	1504.5	1490.0	1471.1	1448.0	1417.1	1358.5
-80°	1014.1	1020.8	1022.4	1020.7	1022.4	1020.8	1014.1	1004.2	991.2	973.5	936.5
-82.5°	604.1	606.9	604.0	599.1	604.0	606.9	604.1	599.5	593.1	584.6	567.3
-85°	296.3	296.5	296.0	294.7	296.0	296.5	296.3	295.4	293.7	291.1	283.2
-87.5°	110.0	110.4	112.3	114.0	112.3	110.4	110.0	109.4	108.6	107.7	104.3
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.7



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22.0	21.6	21.2	20.4	19.6	18.7	17.9	17.1	16.3	15.5	14.7
87.5°	11.7	9.7	7.8	8.1	8.4	8.7	8.9	8.4	8.0	7.6	7.2
85°	22.9	20.1	17.4	17.7	17.9	18.0	18.1	17.7	17.2	16.4	15.6
82.5°	27.1	27.6	27.9	29.9	31.6	32.7	33.4	33.5	33.0	31.9	30.1
80°	34.1	36.4	38.7	43.1	46.9	50.0	52.5	54.0	55.1	55.3	53.7
77.5°	40.5	44.1	48.2	54.6	60.7	66.3	71.0	74.0	75.5	76.5	74.5
75°	41.1	45.7	51.8	61.0	69.7	77.9	83.9	87.8	91.1	93.9	91.7
72.5°	36.1	40.6	48.0	59.2	70.9	81.1	89.8	97.3	103.3	107.9	104.1
70°	29.4	32.7	39.7	50.2	61.3	72.8	85.3	98.2	111.5	120.1	113.2
67.5°	24.1	25.9	31.2	39.3	49.1	60.0	72.7	87.4	101.6	115.4	112.9
65°	20.6	22.0	25.7	31.2	38.1	46.6	56.4	68.5	83.6	99.2	100.6
62.5°	18.3	19.4	21.8	25.3	29.6	35.1	42.7	52.9	64.7	74.3	79.4
60°	17.9	18.2	20.0	22.0	24.4	27.8	34.2	41.3	49.1	57.4	61.7
57.5°	19.8	20.1	21.3	22.2	22.8	25.3	29.2	33.8	40.9	46.1	49.3
55°	23.9	25.3	26.3	26.3	25.9	27.0	28.0	30.4	35.6	40.5	45.0
52.5°	27.4	30.2	32.6	34.3	34.3	33.2	31.2	31.9	34.8	39.8	43.8
50°	35.6	38.9	40.3	40.5	44.1	44.1	41.6	38.3	43.0	45.3	45.5
47.5°	56.4	60.1	56.7	55.6	61.9	60.2	57.7	57.4	63.1	58.5	56.6
45°	105.6	105.5	96.5	99.3	97.5	94.5	84.1	93.0	94.6	89.4	73.8
42.5°	191.9	183.3	172.1	175.4	171.4	157.6	140.3	144.7	141.8	130.5	121.3
40°	313.1	291.5	281.3	278.1	270.8	251.1	234.7	211.1	203.3	186.2	183.3
37.5°	462.0	429.1	419.6	400.6	385.6	381.5	355.9	312.9	275.0	291.4	270.6
35°	646.2	616.3	610.8	562.7	528.0	601.2	533.3	448.1	428.5	468.6	400.1
32.5°	943.0	1073.5	956.3	853.0	970.5	987.1	860.8	657.8	757.9	755.8	631.4
30°	2012.1	2037.1	1881.5	1594.8	1766.6	1725.8	1358.5	1309.8	1281.2	1146.6	937.5
27.5°	3886.9	3483.0	3253.6	3098.7	2852.0	2718.1	2423.5	2119.2	1948.9	1702.5	1373.4
25°	6176.5	5609.6	5101.1	4778.8	4354.5	3924.6	3576.2	3146.5	2777.9	2382.9	1921.4
22.5°	8646.9	7978.1	7277.8	6627.1	6036.0	5437.6	4822.3	4209.0	3686.6	3173.0	2585.7
20°	11274.1	10446.0	9509.5	8697.8	7886.4	7039.8	6188.3	5448.2	4770.2	4044.2	3300.7
17.5°	14368.6	13145.4	11985.7	10934.1	9848.4	8767.3	7877.0	6946.1	5958.8	4961.7	4043.4
15°	17707.8	16224.2	14789.2	13369.0	12011.0	10831.2	9716.3	8532.1	7258.2	5979.3	4887.4
12.5°	21241.4	19377.0	17591.3	15944.5	14440.9	13003.2	11615.4	10192.0	8647.3	7130.6	5877.0
10°	24681.7	22498.4	20500.6	18604.3	16842.4	15174.2	13439.8	11717.4	9970.1	8265.8	6832.4
7.5°	27861.4	25496.0	23257.3	21006.4	18845.8	16921.3	15038.3	13146.7	11235.6	9340.9	7747.1
5°	30510.2	27832.0	25263.1	22779.6	20455.1	18505.4	16541.0	14499.6	12427.3	10347.5	8612.5
2.5°	32300.1	29569.2	26953.0	24332.3	21783.7	19778.8	17712.6	15527.3	13259.4	11012.0	9174.4
0°	33593.5	30581.8	27835.6	25139.7	22404.9	20467.7	18427.9	16241.6	13855.1	11537.0	9674.6
-2.5°	33601.9	30555.3	27808.6	24958.6	22272.2	20170.7	18180.5	16063.5	13857.3	11630.8	9788.7
-5°	33135.6	30131.9	27388.3	24606.8	21918.8	19791.8	17840.8	15817.6	13757.6	11641.2	9834.7
-7.5°	32424.0	29500.1	26753.2	23987.3	21380.3	19306.3	17423.1	15527.1	13576.5	11579.7	9818.4
-10°	31444.8	28666.6	26018.7	23273.9	20766.5	18714.6	16929.4	15167.1	13319.4	11435.6	9739.8
-12.5°	30176.2	27523.6	25061.9	22434.2	20061.8	18156.4	16417.1	14741.8	13001.0	11211.8	9601.9
-15°	28461.7	26157.6	23853.5	21471.9	19285.2	17498.5	15830.5	14197.3	12479.7	10827.6	9407.9
-17.5°	26621.8	24604.5	22546.4	20266.2	18300.1	16731.9	15151.6	13516.0	11819.3	10199.0	8896.4
-20°	24453.9	22613.2	20877.3	18902.1	17021.1	15514.3	14213.9	12724.6	11026.1	9517.7	8282.6



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21893.1	20317.5	18723.0	17070.4	15531.9	14136.1	12870.7	11585.5	10097.0	8732.1	7610.4
-25°	19265.4	17883.5	16455.2	15135.5	13856.8	12596.8	11440.9	10260.1	9082.6	7915.0	6894.6
-27.5°	16705.1	15495.6	14302.5	13247.0	12215.0	11113.4	10020.3	9011.4	8102.5	7167.4	6206.6
-30°	14445.9	13661.7	12615.0	11592.1	10890.0	9919.9	8751.4	8030.6	7307.1	6500.2	5645.3
-32.5°	13008.7	12266.1	11347.8	10535.0	9813.0	8933.6	8052.2	7204.8	6624.4	5930.5	5216.1
-35°	11822.5	11138.1	10400.4	9674.7	8931.9	8188.8	7414.4	6704.8	6043.4	5416.1	4811.5
-37.5°	10681.2	10093.7	9477.1	8825.1	8184.4	7511.7	6841.4	6188.6	5541.1	4980.2	4444.2
-40°	9611.3	9106.1	8602.8	8032.7	7453.3	6861.7	6262.9	5658.1	5097.7	4566.4	4086.1
-42.5°	8619.9	8202.8	7766.0	7260.1	6734.5	6216.3	5682.1	5152.1	4651.6	4184.9	3743.4
-45°	7694.4	7330.7	6932.5	6506.0	6039.4	5582.8	5110.9	4661.5	4225.8	3810.4	3395.9
-47.5°	6833.1	6515.1	6156.5	5786.3	5387.9	4980.5	4596.2	4193.7	3816.2	3435.3	3077.5
-50°	6064.3	5795.2	5480.8	5134.8	4812.1	4468.7	4117.8	3754.8	3423.9	3103.6	2775.2
-52.5°	5439.8	5181.7	4901.9	4601.7	4300.6	3991.8	3668.0	3377.7	3083.1	2797.9	2508.6
-55°	4871.8	4640.6	4391.9	4116.4	3826.7	3576.5	3312.0	3042.3	2778.6	2513.2	2275.3
-57.5°	4397.7	4178.2	3944.6	3702.2	3451.8	3213.6	2974.9	2729.5	2500.7	2280.4	2059.5
-60°	3958.6	3752.5	3544.0	3324.3	3093.2	2866.7	2674.0	2470.7	2256.8	2069.5	1881.4
-62.5°	3560.9	3373.9	3179.8	2989.7	2796.7	2605.1	2422.1	2242.9	2061.3	1882.9	1722.7
-65°	3207.3	3048.1	2877.3	2704.0	2533.1	2365.6	2199.8	2038.1	1883.9	1734.1	1578.3
-67.5°	2856.5	2716.2	2568.7	2419.5	2274.0	2133.3	1990.7	1850.1	1708.8	1571.0	1425.7
-70°	2488.7	2372.7	2252.9	2131.0	2008.6	1887.4	1761.4	1634.5	1511.5	1389.7	1261.0
-72.5°	2102.2	2006.8	1908.4	1808.7	1710.9	1612.5	1507.3	1397.4	1291.1	1189.1	1083.8
-75°	1702.8	1624.0	1544.0	1466.7	1389.6	1313.2	1232.9	1145.5	1060.1	977.2	892.6
-77.5°	1297.6	1234.8	1172.8	1118.5	1064.2	1010.4	953.6	887.2	821.7	757.2	691.4
-80°	898.0	858.2	818.6	785.2	750.0	713.2	673.4	625.4	577.8	533.6	491.5
-82.5°	548.6	528.5	507.4	487.8	467.1	445.2	421.9	394.2	366.6	339.1	311.3
-85°	274.6	265.4	255.6	247.7	239.0	229.6	219.5	207.1	194.0	180.3	165.9
-87.5°	100.7	97.1	93.4	90.7	87.9	84.9	81.8	77.4	73.0	68.6	64.2
-90°	4.1	4.5	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	14.3	13.9	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.6	10.2
87.5°	8.6	9.9	11.1	12.1	11.5	11.0	10.5	10.0	9.9	9.9	9.7
85°	15.9	16.4	17.1	18.0	16.9	15.5	14.4	13.4	13.4	13.2	12.9
82.5°	27.2	25.8	25.0	24.6	24.1	23.2	21.8	19.8	17.7	16.6	16.1
80°	47.9	42.7	38.1	34.3	32.0	31.1	30.0	27.7	23.2	20.0	18.3
77.5°	66.6	59.4	52.9	46.5	40.9	37.1	35.0	33.8	28.4	23.3	19.9
75°	83.2	73.9	65.2	56.8	48.9	42.5	38.0	34.7	30.4	26.0	21.3
72.5°	94.2	84.7	75.7	66.0	55.8	47.2	40.6	35.6	31.2	26.8	22.3
70°	102.6	93.3	83.7	72.7	61.7	51.3	42.9	37.0	32.0	27.4	22.9
67.5°	108.2	97.0	87.5	78.2	66.8	55.5	44.9	38.5	33.3	28.1	23.4
65°	97.1	93.4	88.7	78.9	69.4	59.3	48.0	40.3	34.5	29.1	23.9
62.5°	82.7	83.2	80.3	77.2	69.6	60.2	51.0	43.3	35.9	30.1	24.7
60°	64.7	68.5	71.1	70.0	66.7	59.9	52.1	46.1	38.3	31.0	25.4
57.5°	53.6	55.0	59.1	62.1	61.1	57.3	52.7	47.4	40.5	32.7	26.3
55°	46.4	48.8	50.3	52.6	54.9	53.0	52.3	48.2	42.3	34.4	27.4
52.5°	46.2	47.0	47.3	46.6	47.7	49.3	50.1	49.0	43.1	36.0	29.2
50°	48.1	52.2	49.5	46.2	42.6	45.2	48.1	47.7	44.0	37.2	31.2
47.5°	56.8	62.6	59.1	49.7	44.1	41.8	45.6	46.3	44.8	38.1	33.1
45°	80.1	79.2	73.9	62.4	48.5	44.8	43.4	45.0	43.8	40.1	35.0
42.5°	112.0	107.5	96.0	77.4	67.7	51.0	41.8	43.7	43.0	42.4	37.0
40°	167.9	144.3	124.9	113.3	96.7	59.2	47.8	42.8	42.5	44.7	39.2
37.5°	233.6	198.2	164.3	165.1	136.4	92.2	55.8	42.3	45.1	46.6	41.6
35°	329.2	266.9	245.9	235.3	193.6	130.9	64.8	45.4	48.7	49.2	44.2
32.5°	439.2	400.7	386.5	324.3	260.4	175.4	91.6	58.4	53.3	52.2	46.9
30°	698.7	637.1	571.2	427.4	340.2	237.9	135.5	71.6	58.9	55.8	49.6
27.5°	1117.1	917.4	798.5	594.7	437.6	309.3	190.5	85.2	65.4	60.1	52.4
25°	1568.6	1288.3	1069.8	806.3	544.2	419.8	252.3	100.3	75.4	65.3	55.5
22.5°	2078.5	1689.3	1370.4	1043.4	713.2	548.1	331.8	148.7	86.9	71.0	58.7
20°	2595.5	2096.0	1712.2	1335.9	933.6	693.8	431.8	200.0	98.3	77.1	62.2
17.5°	3136.1	2613.2	2179.2	1670.0	1180.6	847.3	540.1	253.2	109.6	83.4	65.7
15°	3963.1	3271.4	2680.6	2034.5	1425.4	1006.3	654.1	307.2	120.6	90.0	73.0
12.5°	4822.4	3941.8	3203.5	2420.3	1665.5	1168.3	771.1	360.9	131.3	103.7	84.9
10°	5660.1	4615.3	3737.8	2817.2	1898.4	1330.3	888.3	431.7	163.6	123.3	97.1
7.5°	6468.7	5282.1	4272.5	3214.3	2140.0	1543.3	1100.8	541.7	200.1	143.2	109.3
5°	7195.8	5867.3	4777.4	3630.9	2469.5	1805.6	1327.6	651.2	237.0	163.2	121.5
2.5°	7684.7	6313.6	5241.7	4019.9	2784.0	2058.0	1548.0	756.7	273.7	182.8	133.4
0°	8118.4	6716.7	5668.4	4372.6	3080.0	2298.6	1754.9	854.7	309.3	201.9	144.9
-2.5°	8228.1	6816.5	5800.1	4588.3	3329.2	2518.5	1941.8	1005.9	424.6	273.2	190.2
-5°	8280.1	6882.7	5898.5	4768.4	3554.9	2723.5	2106.2	1144.1	535.8	342.6	234.3
-7.5°	8291.2	6935.7	5950.9	4898.0	3755.8	2912.2	2246.2	1267.3	640.8	408.9	276.7
-10°	8253.3	6957.0	5936.5	4864.3	3768.4	2990.0	2339.6	1373.6	737.4	471.1	316.5
-12.5°	8165.0	6929.4	5887.0	4789.4	3723.6	2961.1	2279.2	1413.9	820.5	528.1	353.4
-15°	8028.8	6849.6	5802.5	4671.9	3650.6	2913.4	2210.8	1420.2	871.2	578.2	386.7
-17.5°	7776.7	6714.9	5683.3	4510.7	3548.4	2845.9	2137.8	1417.9	914.7	621.3	418.3
-20°	7241.7	6372.6	5519.6	4305.1	3416.4	2758.0	2063.7	1408.1	950.4	658.6	447.8



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6673.7	5888.5	5083.5	4124.3	3277.2	2649.1	1991.3	1391.7	978.1	689.7	473.1
-25°	6064.3	5396.6	4625.2	3829.0	3142.3	2536.3	1936.8	1369.6	997.6	714.1	493.7
-27.5°	5493.7	4900.7	4194.4	3537.5	2951.5	2436.2	1894.5	1383.5	1013.7	731.5	509.4
-30°	4949.6	4435.1	3849.4	3268.7	2758.2	2303.8	1849.4	1389.1	1030.6	746.1	520.0
-32.5°	4556.9	4018.5	3535.9	3049.1	2588.9	2163.8	1762.5	1384.2	1038.1	756.4	528.2
-35°	4246.2	3709.9	3243.4	2832.0	2425.9	2032.5	1659.5	1368.9	1036.0	759.5	532.2
-37.5°	3925.1	3445.3	3010.7	2630.9	2258.1	1895.8	1573.1	1302.0	1024.0	755.3	531.0
-40°	3625.6	3184.6	2793.6	2444.0	2098.7	1754.1	1480.2	1235.1	1009.6	743.8	524.5
-42.5°	3315.3	2931.7	2581.4	2253.5	1939.4	1644.3	1383.5	1163.8	961.0	729.0	512.7
-45°	3022.9	2676.3	2366.5	2074.8	1782.2	1528.9	1300.2	1090.4	905.1	709.1	498.2
-47.5°	2726.1	2435.9	2161.3	1893.3	1649.4	1414.1	1212.6	1024.9	846.5	681.9	482.0
-50°	2461.1	2206.6	1965.9	1736.2	1511.3	1313.8	1125.2	956.5	792.8	634.2	461.1
-52.5°	2235.3	1999.3	1790.5	1585.8	1394.8	1209.5	1046.9	886.2	736.8	589.4	435.4
-55°	2031.9	1814.6	1629.0	1453.2	1281.2	1118.1	965.7	821.8	678.6	544.6	405.9
-57.5°	1857.1	1648.0	1487.5	1329.6	1177.9	1029.5	888.9	755.1	624.0	497.7	379.1
-60°	1693.0	1515.5	1354.6	1217.7	1080.1	944.0	813.8	688.7	568.7	450.3	345.5
-62.5°	1556.6	1387.5	1238.3	1111.2	986.3	862.3	737.9	624.7	511.4	406.2	308.4
-65°	1421.2	1268.8	1124.2	1011.3	895.9	778.8	665.3	558.6	455.9	359.8	272.0
-67.5°	1282.6	1146.4	1021.0	912.4	801.4	693.5	590.0	491.9	399.0	311.2	239.9
-70°	1135.8	1019.3	907.5	802.3	701.6	604.3	511.0	423.2	339.7	269.5	206.3
-72.5°	976.2	874.1	778.2	686.7	595.6	509.5	428.7	353.9	287.2	226.3	171.3
-75°	804.9	719.6	638.6	560.7	483.9	411.9	348.6	289.6	233.1	181.4	139.5
-77.5°	621.4	554.7	491.8	433.4	374.6	320.0	269.9	223.3	179.8	142.3	108.4
-80°	444.5	398.4	353.5	309.6	266.0	226.1	194.6	164.1	132.1	102.9	76.5
-82.5°	278.1	250.1	224.3	199.4	174.6	150.8	128.2	106.5	83.6	62.8	50.6
-85°	149.7	134.0	118.8	104.2	89.1	74.7	67.7	60.7	52.3	44.4	37.3
-87.5°	61.0	57.8	54.6	51.3	47.4	43.5	39.8	36.1	31.7	27.6	23.8
-90°	5.3	5.7	6.1	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.8	9.4	9.0	8.5	8.1	7.3	6.5
87.5°	9.4	8.7	8.1	7.5	7.1	6.7	6.5
85°	12.4	10.9	9.6	8.5	7.6	7.0	6.5
82.5°	15.3	13.1	11.1	9.5	8.2	7.2	6.5
80°	17.8	15.2	12.6	10.5	8.7	7.5	6.5
77.5°	18.2	16.6	14.1	11.4	9.3	7.7	6.5
75°	18.4	16.7	15.3	12.4	9.8	8.0	6.5
72.5°	18.7	16.7	15.2	13.3	10.4	8.2	6.5
70°	18.9	16.7	15.1	14.0	10.9	8.4	6.5
67.5°	19.6	16.7	15.0	13.8	11.4	8.7	6.5
65°	20.2	16.9	14.8	13.6	11.9	8.9	6.5
62.5°	20.8	17.5	14.6	13.4	12.3	9.1	6.5
60°	21.4	18.1	14.4	13.2	12.8	9.3	6.5
57.5°	22.4	18.6	14.8	12.9	12.7	9.5	6.5
55°	23.5	19.1	15.3	12.7	12.6	9.7	6.5
52.5°	24.5	19.7	15.7	12.4	12.5	9.9	6.5
50°	25.6	20.6	16.1	12.1	12.5	10.0	6.5
47.5°	26.7	21.5	16.5	12.0	12.5	10.2	6.5
45°	28.4	22.4	16.9	12.2	12.5	10.4	6.5
42.5°	30.0	23.3	17.2	12.5	12.5	10.5	6.5
40°	31.6	24.1	17.7	13.0	12.5	10.6	6.5
37.5°	33.2	25.0	18.3	13.7	12.6	10.8	6.5
35°	34.7	26.0	18.9	14.4	12.6	10.9	6.5
32.5°	36.4	27.2	19.5	15.1	12.7	11.0	6.5
30°	38.5	28.4	20.0	15.8	12.8	11.1	6.5
27.5°	40.6	29.4	21.6	16.6	12.9	11.2	6.5
25°	42.7	30.4	23.4	17.4	13.1	11.2	6.5
22.5°	44.8	32.3	25.3	18.1	13.2	11.3	6.5
20°	46.9	36.3	27.2	18.9	13.4	11.4	6.5
17.5°	52.4	40.6	29.2	19.7	13.5	11.4	6.5
15°	60.0	45.1	31.2	20.4	13.7	11.4	6.5
12.5°	67.8	49.6	33.2	21.2	13.9	11.5	6.5
10°	75.7	54.2	35.1	21.9	14.1	11.5	6.5
7.5°	83.5	58.7	37.1	22.6	14.2	11.5	6.5
5°	91.2	63.2	38.9	23.2	14.4	11.5	6.5
2.5°	98.6	67.5	40.7	23.8	14.5	11.4	6.5
0°	105.8	71.6	42.3	24.4	14.7	11.4	6.5
-2.5°	133.2	86.9	50.5	28.0	15.8	11.6	6.5
-5°	159.9	101.8	58.5	31.5	16.8	11.8	6.5
-7.5°	185.4	116.1	66.2	34.9	17.8	12.0	6.5
-10°	209.5	129.5	73.5	38.1	18.8	12.2	6.5
-12.5°	231.7	142.0	80.2	41.1	19.7	12.3	6.5
-15°	251.7	153.3	86.4	43.8	20.5	12.5	6.5
-17.5°	269.2	163.3	91.8	46.2	21.3	12.6	6.5
-20°	286.3	171.9	96.5	48.3	22.1	12.7	6.5



REPORT NUMBER: P1306178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	304.5	179.0	100.4	50.0	22.7	12.8	6.5
-25°	319.6	188.2	103.4	51.4	23.3	12.9	6.5
-27.5°	331.4	197.0	105.5	52.3	23.7	12.9	6.5
-30°	339.6	203.6	106.9	52.8	24.1	12.9	6.5
-32.5°	344.3	207.9	110.1	52.8	24.3	12.9	6.5
-35°	348.0	209.9	112.1	52.4	24.5	12.9	6.5
-37.5°	349.4	210.4	112.8	51.4	24.5	12.9	6.5
-40°	347.1	210.5	112.1	50.0	24.5	12.8	6.5
-42.5°	341.3	208.4	111.1	48.7	24.3	12.7	6.5
-45°	331.8	204.2	110.0	47.8	24.0	12.6	6.5
-47.5°	318.7	197.7	107.8	46.3	23.6	12.4	6.5
-50°	306.5	189.1	104.4	45.8	23.0	12.3	6.5
-52.5°	292.0	178.4	99.9	45.3	22.4	12.1	6.5
-55°	274.6	169.2	94.3	44.3	21.7	11.9	6.5
-57.5°	254.3	159.2	87.6	42.8	20.8	11.7	6.5
-60°	232.0	147.5	80.1	40.7	19.9	11.4	6.5
-62.5°	213.2	134.2	74.7	38.2	19.2	11.2	6.5
-65°	192.4	119.6	68.5	35.2	18.4	10.9	6.5
-67.5°	169.7	105.7	61.5	31.8	17.5	10.6	6.5
-70°	145.2	92.7	53.8	28.0	16.6	10.2	6.5
-72.5°	123.5	78.7	45.5	25.6	15.7	9.9	6.5
-75°	101.0	63.8	36.6	23.4	14.7	9.6	6.5
-77.5°	77.4	48.1	31.5	21.1	13.6	9.2	6.5
-80°	52.9	38.0	27.2	18.7	12.6	8.8	6.5
-82.5°	41.0	31.1	22.8	16.3	11.5	8.5	6.5
-85°	30.8	23.9	18.2	13.7	10.4	8.1	6.5
-87.5°	20.3	16.7	13.6	11.1	9.2	7.7	6.5
-90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5

(END OF REPORT)