

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: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-7F-CV5-A**

Issue Date: 2/3/2026

**Test Information**

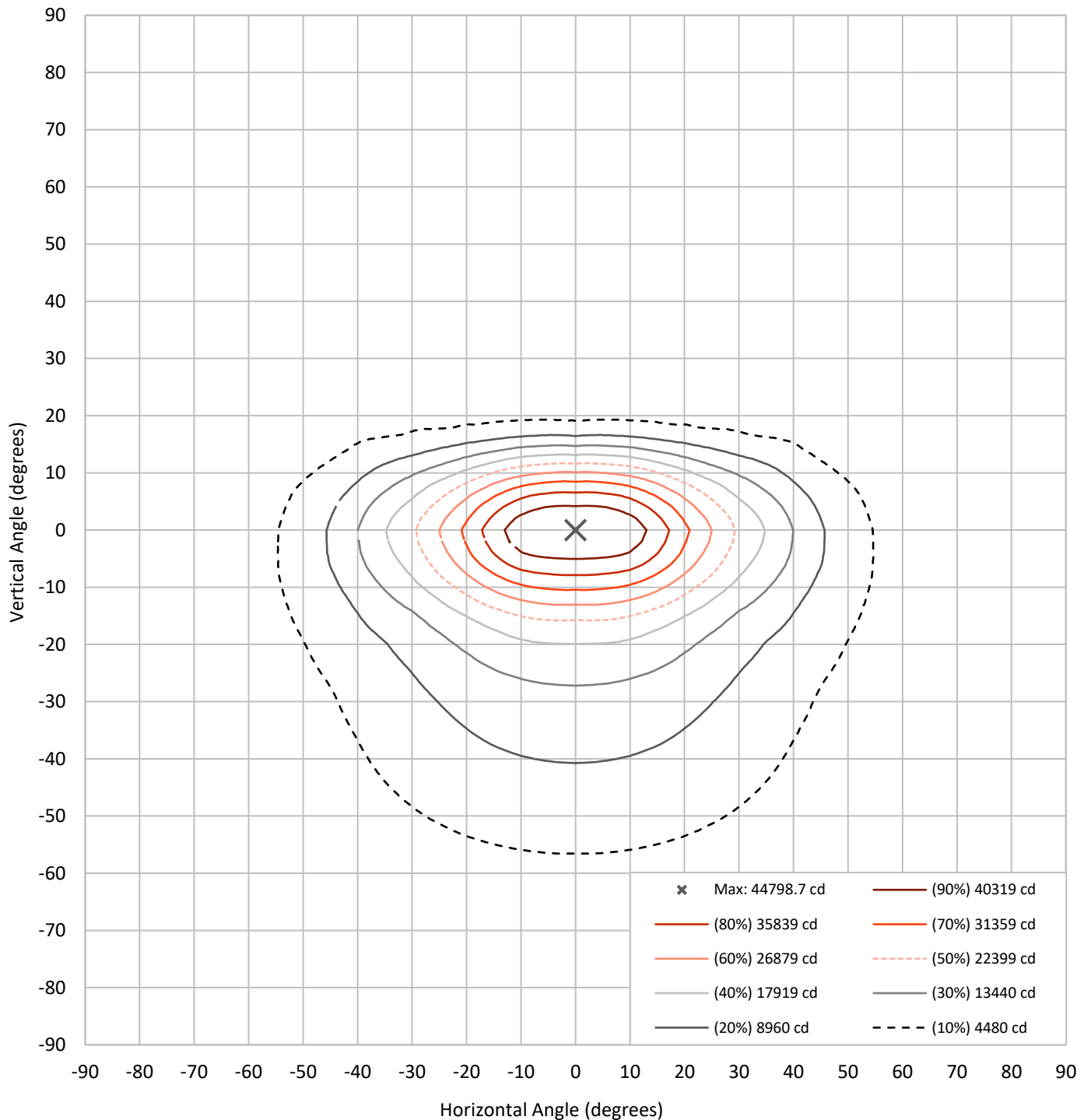
Test Method: LM-79-08  
Report Number: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-530N-40-80-7F-CV5-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL 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:	30143.4 lumens	Max Intensity:	44798.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.4 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:	11899.4 lumens	Field Lumens:	26526.8 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

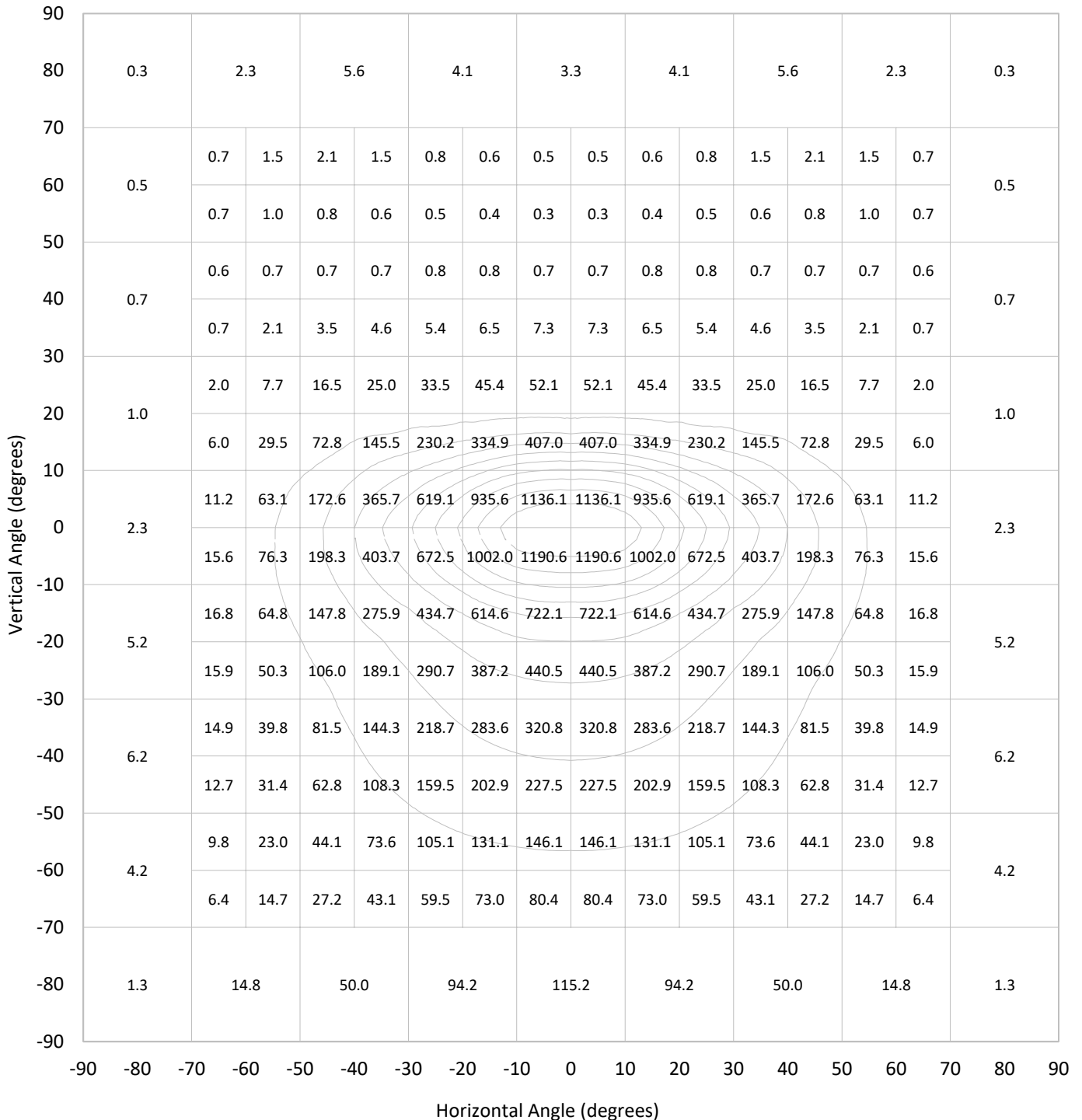
### Iso-Candela Plot





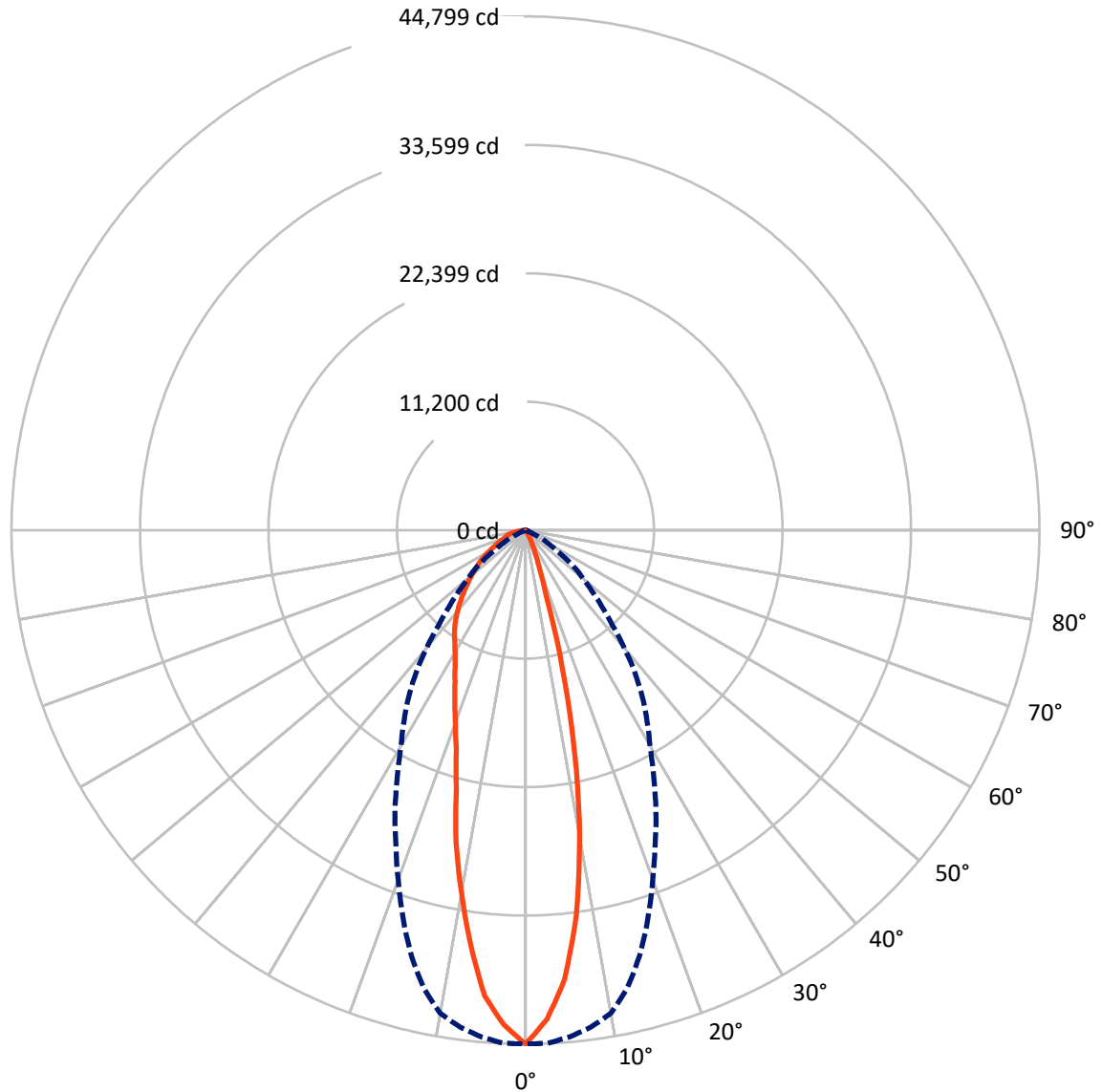
REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

### Lumen Table



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

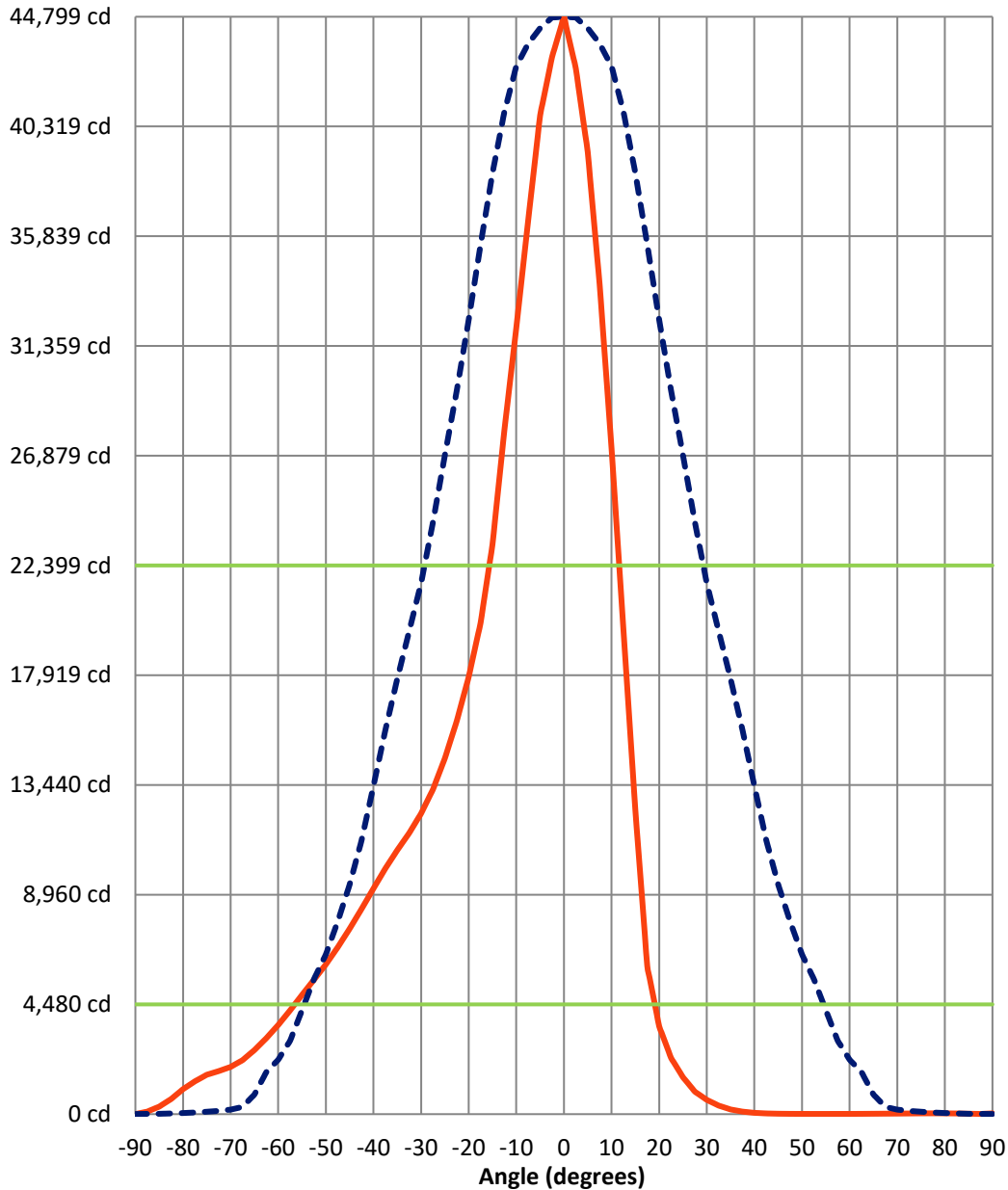
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 58.6°  
 V Angle: 27.3°  
 Lumens: 11899.4  
 Efficiency: 39.5%

**Field:**  
 H Angle: 109.1°  
 V Angle: 75.6°  
 Lumens: 26526.8  
 Efficiency: 88.0%

**Spill:**  
 Lumens: 3616.6  
 Efficiency: 12.0%

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

REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-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	6.8	7.2	7.7	8.3	9.1	9.9	10.0	10.1	10.1	10.0
85°	6.5	7.1	7.9	8.9	10.2	11.6	13.2	13.6	13.8	13.7	13.5
82.5°	6.5	7.4	8.6	10.2	12.0	14.1	16.5	17.2	17.5	18.8	21.2
80°	6.5	7.6	9.3	11.4	13.8	16.6	19.6	20.5	22.6	26.2	31.1
77.5°	6.5	7.9	10.0	12.5	15.5	18.5	21.1	23.6	27.5	33.3	39.1
75°	6.5	8.2	10.7	13.7	17.0	19.3	22.5	26.4	31.9	36.6	41.4
72.5°	6.5	8.4	11.3	14.8	17.3	20.0	23.9	28.7	33.4	38.4	43.6
70°	6.5	8.7	12.0	15.7	17.5	20.6	25.0	29.8	34.9	40.2	45.2
67.5°	6.5	9.0	12.6	15.6	17.7	21.2	26.0	30.9	36.2	41.4	46.7
65°	6.5	9.2	13.2	15.5	17.8	21.9	27.0	31.9	37.3	42.6	48.5
62.5°	6.5	9.4	13.7	15.4	17.8	22.8	27.9	32.8	38.3	44.0	51.2
60°	6.5	9.7	14.3	15.2	17.8	23.7	28.9	33.5	39.2	46.1	53.8
57.5°	6.5	9.9	14.1	15.0	18.5	24.5	30.0	34.4	40.5	47.9	54.7
55°	6.5	10.1	14.0	14.7	19.2	25.4	31.1	35.5	41.8	49.2	54.9
52.5°	6.5	10.3	13.9	14.4	19.9	26.3	32.3	37.0	43.0	49.3	55.0
50°	6.5	10.5	13.8	14.1	20.6	27.4	33.5	38.5	43.6	49.3	52.3
47.5°	6.5	10.6	13.7	13.9	21.3	28.5	34.8	40.1	43.5	49.1	49.6
45°	6.5	10.8	13.6	14.4	21.9	29.6	36.1	41.6	44.5	47.2	47.3
42.5°	6.5	10.9	13.6	14.8	22.5	30.7	37.5	42.9	45.7	45.6	45.1
40°	6.5	11.1	13.6	15.5	23.2	31.9	38.8	44.1	46.8	44.4	43.2
37.5°	6.5	11.2	13.6	16.4	24.1	33.0	40.1	45.4	47.7	45.6	41.6
35°	6.5	11.3	13.6	17.3	24.9	34.1	41.4	46.8	49.0	47.6	41.8
32.5°	6.5	11.4	13.6	18.1	25.7	35.1	42.6	48.3	50.6	50.6	50.1
30°	6.5	11.5	13.6	19.0	26.5	36.0	43.8	49.8	52.7	54.8	60.3
27.5°	6.5	11.5	13.7	19.9	28.1	36.9	44.9	51.3	55.4	59.9	72.5
25°	6.5	11.6	13.8	20.8	29.8	37.7	46.1	53.0	59.3	68.5	87.8
22.5°	6.5	11.6	13.8	21.6	31.6	39.2	47.2	54.9	63.8	79.5	137.7
20°	6.5	11.6	13.9	22.4	33.4	42.3	48.4	56.9	68.7	91.3	194.6
17.5°	6.5	11.6	14.0	23.2	35.1	45.5	52.6	59.1	74.0	103.8	257.1
15°	6.5	11.6	14.1	24.0	36.8	48.8	58.9	65.0	79.5	116.7	323.6
12.5°	6.5	11.6	14.2	24.8	38.5	52.2	65.5	76.0	92.2	129.8	392.3
10°	6.5	11.6	14.3	25.5	40.1	55.6	72.3	87.4	110.9	160.8	469.0
7.5°	6.5	11.6	14.4	26.1	41.6	58.9	79.2	99.1	129.8	194.8	560.5
5°	6.5	11.5	14.5	26.7	43.1	62.2	86.1	110.7	148.8	228.9	648.3
2.5°	6.5	11.5	14.6	27.2	44.4	65.4	92.8	122.3	167.5	262.4	730.3
0°	6.5	11.4	14.7	27.7	45.6	68.4	99.3	133.5	185.6	294.6	804.2
-2.5°	6.5	11.6	15.8	31.1	53.3	83.2	125.2	176.3	250.5	384.1	894.7
-5°	6.5	11.9	16.9	34.4	60.7	97.7	150.5	218.0	313.7	470.6	974.9
-7.5°	6.5	12.1	18.0	37.5	67.8	111.5	174.7	258.0	374.2	552.9	1045.2
-10°	6.5	12.3	19.0	40.4	74.6	124.6	197.5	295.8	431.3	629.9	1105.5
-12.5°	6.5	12.5	20.0	43.2	80.8	136.8	218.6	330.8	484.0	697.9	1130.1
-15°	6.5	12.7	21.0	45.7	86.5	147.8	237.8	362.3	527.1	739.2	1135.4
-17.5°	6.5	12.8	21.8	47.9	91.6	157.6	254.7	389.8	560.0	775.2	1135.6
-20°	6.5	13.0	22.6	49.8	95.9	166.1	270.6	413.5	588.9	805.6	1131.5



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-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°	6.5	13.1	23.3	51.3	99.5	173.0	286.7	433.9	613.7	830.1	1124.0
-25°	6.5	13.2	23.9	52.5	102.2	181.8	300.4	450.7	634.2	848.7	1114.1
-27.5°	6.5	13.2	24.5	53.3	104.1	190.3	311.5	463.7	650.2	863.9	1129.4
-30°	6.5	13.3	24.9	53.8	105.4	197.0	320.0	472.7	662.9	879.1	1138.3
-32.5°	6.5	13.3	25.2	53.8	108.8	201.7	325.8	480.8	671.3	888.4	1139.6
-35°	6.5	13.3	25.4	53.3	110.9	204.4	330.4	486.1	674.4	891.8	1132.9
-37.5°	6.5	13.2	25.5	52.5	111.8	205.6	332.6	487.6	672.0	889.2	1095.9
-40°	6.5	13.2	25.5	51.2	111.4	206.0	331.7	485.3	664.2	880.9	1057.1
-42.5°	6.5	13.1	25.4	49.9	110.6	204.3	327.8	479.2	655.3	845.2	1012.9
-45°	6.5	13.0	25.1	49.1	109.5	200.5	320.9	469.9	643.6	802.5	963.7
-47.5°	6.5	12.8	24.7	47.6	107.3	194.6	310.9	457.5	626.5	756.2	911.4
-50°	6.5	12.7	24.3	47.1	104.0	186.6	299.9	441.0	589.4	713.4	854.8
-52.5°	6.5	12.5	23.7	46.6	99.5	176.6	286.3	420.6	550.1	666.8	794.9
-55°	6.5	12.3	23.0	45.7	94.0	167.6	269.8	396.6	508.7	616.4	736.9
-57.5°	6.5	12.0	22.2	44.2	87.4	157.5	250.6	371.2	464.9	565.1	674.7
-60°	6.5	11.8	21.3	42.3	79.9	145.9	229.4	337.3	419.9	511.8	610.3
-62.5°	6.5	11.5	20.5	40.0	75.0	132.7	210.5	300.1	377.3	456.0	546.4
-65°	6.5	11.2	19.6	37.2	69.4	118.0	189.7	264.0	333.4	404.9	479.8
-67.5°	6.5	10.8	18.6	34.1	63.0	104.7	166.9	232.5	288.5	354.2	419.8
-70°	6.5	10.5	17.6	30.6	56.0	93.0	142.3	200.4	252.3	302.5	362.2
-72.5°	6.5	10.1	16.6	28.0	48.4	80.4	122.5	167.8	215.8	262.1	306.5
-75°	6.5	9.8	15.5	25.5	40.3	66.9	102.3	138.7	178.8	221.4	262.4
-77.5°	6.5	9.4	14.3	22.9	34.9	52.7	81.0	110.1	142.6	179.3	217.8
-80°	6.5	9.0	13.1	20.2	30.0	42.5	59.0	80.7	105.5	133.7	165.1
-82.5°	6.5	8.6	11.9	17.3	24.9	34.4	46.0	55.8	67.5	87.0	109.0
-85°	6.5	8.1	10.6	14.4	19.6	26.2	34.1	40.7	47.8	55.4	63.5
-87.5°	6.5	7.7	9.4	11.5	14.3	17.8	22.0	25.5	29.2	33.3	37.5
-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: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-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°	11.8	12.2	12.6	13.0	14.2	15.5	16.7	17.9	19.9	22.0	24.0
87.5°	10.7	11.4	12.2	13.0	12.5	11.7	10.9	10.0	10.7	11.5	12.3
85°	14.8	16.3	18.3	20.0	19.9	20.0	20.3	20.9	22.2	23.4	24.3
82.5°	23.9	26.0	27.6	28.5	30.0	32.0	34.5	38.4	40.5	41.8	42.7
80°	34.1	35.9	37.4	40.1	44.9	50.5	56.6	63.2	65.4	65.6	64.9
77.5°	40.9	43.6	48.0	54.1	61.3	68.4	76.1	84.2	86.6	86.0	84.9
75°	45.3	50.6	57.3	65.6	74.4	83.5	93.0	101.8	104.3	101.7	98.3
72.5°	48.8	55.7	64.7	75.6	85.5	94.7	104.6	115.1	118.8	113.1	106.0
70°	51.2	60.1	70.8	82.2	93.6	103.6	112.9	122.9	128.7	119.0	105.0
67.5°	53.2	64.1	75.8	87.6	97.9	107.4	118.0	121.2	122.6	108.0	92.9
65°	56.2	67.8	78.5	89.0	100.0	103.2	105.4	107.7	105.3	88.7	72.3
62.5°	59.1	68.8	79.0	87.1	89.7	91.3	89.4	85.1	79.3	67.8	54.4
60°	60.0	68.6	75.2	77.6	78.3	75.0	69.8	64.6	58.5	49.0	39.8
57.5°	60.3	64.7	67.2	67.7	64.6	59.1	54.1	47.4	42.3	36.2	28.8
55°	58.9	58.0	59.2	57.2	52.7	47.0	41.0	36.4	30.3	26.8	22.5
52.5°	54.8	52.5	51.4	48.2	43.1	37.9	33.0	28.5	25.1	21.2	18.4
50°	51.2	48.1	44.8	40.8	36.9	33.4	27.9	24.7	21.8	18.8	16.3
47.5°	47.9	44.2	39.1	35.8	35.4	33.2	27.9	23.1	20.5	20.4	18.1
45°	44.9	41.9	36.0	36.6	37.7	37.6	33.8	22.6	25.2	25.7	24.4
42.5°	42.4	41.1	42.7	38.9	45.0	48.4	45.4	37.9	33.7	37.4	38.9
40°	42.7	42.1	56.3	55.9	56.8	65.6	69.9	64.5	49.6	58.8	63.0
37.5°	44.4	59.1	76.8	82.6	77.4	92.5	101.6	107.8	96.1	88.6	101.7
35°	47.1	80.5	106.8	119.1	119.8	128.5	152.1	161.8	154.0	142.2	152.7
32.5°	61.6	105.9	142.3	163.2	182.5	191.5	212.5	222.5	230.9	231.0	226.5
30°	92.2	139.6	183.4	212.0	258.4	300.6	291.5	293.6	324.8	356.5	371.9
27.5°	144.3	181.3	229.3	281.0	351.9	434.0	448.6	407.0	449.3	507.9	559.9
25°	210.0	307.4	278.2	363.2	481.2	595.0	655.5	684.3	626.5	711.7	834.6
22.5°	300.7	467.2	468.6	452.9	626.6	785.7	934.8	1077.5	1151.4	1058.8	1186.7
20°	423.1	638.1	706.9	783.3	844.0	1002.5	1259.7	1571.4	1856.8	2018.4	1944.4
17.5°	563.6	824.7	982.7	1187.2	1389.3	1475.8	1639.6	2150.0	2704.1	3175.8	3429.4
15°	718.3	1024.0	1280.9	1632.7	1996.2	2270.1	2554.0	2992.5	3723.9	4530.8	5176.9
12.5°	882.9	1232.7	1596.0	2110.2	2650.1	3100.6	3606.8	4273.7	5117.5	6124.1	7176.3
10°	1052.4	1447.2	1921.9	2609.0	3337.3	3955.9	4680.3	5555.1	6632.5	7886.6	9209.2
7.5°	1231.9	1657.0	2243.0	3117.5	4042.7	4823.3	5760.0	6824.4	8131.8	9622.6	11217.0
5°	1405.9	1855.1	2510.8	3526.5	4615.1	5555.3	6743.6	8064.5	9597.5	11312.3	13191.2
2.5°	1568.1	2044.7	2764.4	3900.8	5079.6	6055.7	7328.1	8748.3	10477.6	12499.3	14672.5
0°	1714.1	2223.7	3000.1	4245.5	5508.7	6521.2	7864.2	9374.8	11176.9	13395.6	15679.5
-2.5°	1777.4	2317.1	3106.3	4296.9	5498.0	6529.7	7821.9	9363.0	11100.8	13216.2	15456.5
-5°	1822.2	2395.9	3190.1	4315.4	5451.8	6499.2	7731.7	9280.2	10859.1	12740.8	14747.8
-7.5°	1850.5	2458.6	3250.5	4283.8	5301.3	6260.5	7332.7	8651.7	10091.3	11766.2	13533.2
-10°	1856.5	2451.9	3159.8	4077.6	5008.8	5888.3	6843.7	7989.2	9276.4	10741.2	12277.5
-12.5°	1798.8	2384.0	3031.9	3856.6	4706.0	5501.6	6338.2	7311.4	8427.1	9686.3	11046.3
-15°	1736.2	2307.2	2894.5	3626.4	4400.3	5107.2	5825.0	6632.1	7622.0	8769.1	9942.0
-17.5°	1671.9	2222.7	2750.3	3391.8	4098.5	4710.9	5339.2	6105.8	6992.8	7959.5	8914.1
-20°	1608.8	2131.8	2601.9	3157.7	3805.3	4383.5	4996.2	5669.8	6414.4	7202.2	7961.2



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-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°	1549.5	2035.8	2464.8	2961.4	3553.3	4107.8	4655.0	5233.7	5850.3	6488.2	7289.0
-25°	1509.8	1943.6	2345.1	2805.5	3316.7	3828.5	4311.2	4808.6	5339.4	6045.0	6786.8
-27.5°	1485.1	1865.1	2240.0	2649.1	3090.3	3552.9	3989.8	4428.6	5020.3	5655.1	6311.6
-30°	1460.9	1787.0	2130.5	2501.2	2902.8	3304.1	3680.3	4176.0	4727.7	5308.5	5892.4
-32.5°	1414.7	1705.1	2030.7	2373.8	2728.7	3076.2	3468.9	3956.4	4462.4	4973.1	5500.0
-35°	1357.4	1632.7	1932.8	2244.2	2562.4	2906.1	3304.3	3733.4	4198.3	4673.4	5193.5
-37.5°	1307.5	1554.0	1831.2	2121.7	2419.8	2758.3	3124.3	3525.3	3949.0	4393.3	4889.8
-40°	1252.0	1469.2	1735.1	2007.5	2287.4	2603.7	2948.5	3312.9	3702.9	4127.7	4573.3
-42.5°	1192.6	1401.8	1636.2	1890.3	2156.5	2445.8	2758.8	3101.5	3465.3	3852.1	4260.3
-45°	1137.4	1329.2	1535.5	1772.8	2019.0	2282.2	2572.5	2880.1	3224.9	3580.9	3948.6
-47.5°	1076.0	1253.5	1448.9	1647.5	1878.1	2120.7	2378.0	2669.0	2973.7	3304.3	3643.8
-50°	1009.9	1178.4	1350.3	1532.0	1733.8	1955.5	2190.6	2452.5	2734.4	3023.2	3328.6
-52.5°	941.9	1096.7	1252.3	1414.1	1594.2	1791.1	2004.9	2236.7	2490.5	2755.3	3018.9
-55°	869.4	1012.4	1150.8	1297.9	1454.8	1630.3	1819.2	2025.8	2238.7	2479.9	2712.1
-57.5°	796.1	922.0	1047.9	1181.5	1321.3	1468.3	1640.3	1815.3	2007.2	2205.6	2398.9
-60°	720.4	830.1	942.1	1062.8	1189.1	1322.2	1462.3	1618.5	1781.1	1941.6	2111.9
-62.5°	641.7	738.6	837.1	940.5	1054.0	1173.9	1299.1	1429.3	1563.4	1702.9	1840.5
-65°	565.8	647.9	734.0	824.4	915.4	1025.3	1136.0	1245.6	1362.8	1475.8	1586.2
-67.5°	488.6	566.4	638.8	709.3	793.2	887.5	974.5	1073.8	1172.0	1264.9	1354.8
-70°	424.5	486.9	553.3	617.1	683.2	763.4	848.8	927.8	1002.1	1080.0	1164.2
-72.5°	362.9	423.0	478.6	529.7	596.6	671.6	741.7	806.8	877.7	951.7	1019.8
-75°	306.5	358.9	413.1	463.4	519.1	584.6	655.1	721.5	781.7	841.7	903.7
-77.5°	252.1	291.6	337.2	388.7	443.9	494.9	550.7	610.8	667.1	724.2	784.8
-80°	193.6	221.7	252.7	288.4	329.5	374.4	422.7	474.1	519.1	560.5	601.3
-82.5°	130.3	151.7	173.4	195.3	218.2	242.4	269.1	301.9	331.0	360.3	390.1
-85°	72.1	81.2	96.0	111.0	123.8	137.3	151.5	166.4	180.2	193.8	207.1
-87.5°	42.0	46.8	51.7	56.8	60.3	63.6	66.7	69.7	73.6	77.5	81.2
-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: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	26.0	26.4	26.9	27.3	27.7	28.9	30.2	31.4	32.6	32.2	31.8
87.5°	13.2	13.0	12.8	12.5	12.2	13.5	14.8	16.1	17.4	16.0	14.5
85°	25.0	25.2	25.2	25.1	25.0	26.6	28.3	30.0	31.6	29.2	26.6
82.5°	43.0	42.2	40.7	38.7	36.1	35.6	34.9	33.9	32.7	31.3	30.0
80°	63.8	60.8	56.8	52.2	47.0	44.3	41.7	38.8	35.7	34.7	34.0
77.5°	82.2	76.7	69.9	62.6	54.8	50.1	46.1	42.0	37.7	36.8	36.5
75°	94.0	86.8	76.9	66.8	56.3	49.7	44.9	40.3	35.7	34.3	33.8
72.5°	97.5	87.6	76.1	63.4	51.1	43.3	38.9	34.9	31.3	29.8	29.1
70°	91.3	77.9	65.2	53.0	41.7	34.5	31.4	28.7	26.4	25.3	24.9
67.5°	77.1	63.1	51.3	41.0	32.8	27.5	25.7	24.1	22.7	21.7	21.1
65°	58.6	47.6	39.0	32.1	26.9	23.6	22.2	20.9	19.6	18.5	17.8
62.5°	43.0	35.1	29.9	26.0	23.0	20.9	19.5	18.3	17.4	16.6	16.0
60°	32.4	26.9	23.8	21.3	19.4	18.0	17.2	16.5	15.8	15.1	14.4
57.5°	24.7	21.4	19.1	17.9	17.1	16.5	15.8	15.0	14.3	13.5	12.9
55°	19.6	17.9	16.6	16.2	15.8	15.3	14.5	13.9	13.0	12.0	11.3
52.5°	16.5	16.3	16.3	16.0	15.6	15.1	14.6	13.6	12.6	11.6	11.0
50°	16.3	16.4	16.5	16.2	15.7	15.2	14.8	14.0	13.4	12.7	12.2
47.5°	16.9	17.1	18.1	16.5	16.3	16.8	16.4	15.8	15.6	15.2	14.8
45°	19.9	23.3	24.2	22.9	20.2	22.4	21.7	19.1	20.6	20.4	19.2
42.5°	35.4	39.0	42.0	40.2	34.4	36.3	36.3	32.4	33.5	33.6	32.1
40°	67.5	66.2	70.9	69.0	62.7	60.4	63.1	58.6	57.8	60.0	57.4
37.5°	111.2	111.9	109.8	110.0	107.8	101.8	105.4	104.2	100.5	107.5	108.3
35°	173.8	179.1	162.1	168.8	171.8	165.2	169.4	181.2	173.6	190.0	194.4
32.5°	257.6	268.7	260.8	253.0	265.8	276.0	280.7	305.9	312.6	327.4	345.0
30°	361.0	390.0	412.9	398.6	397.0	433.0	453.8	487.5	520.3	539.9	575.8
27.5°	576.1	567.2	621.6	637.7	601.9	659.5	737.6	752.5	852.2	860.2	930.0
25°	910.5	905.8	922.2	1001.2	1021.3	1050.2	1184.3	1255.1	1369.5	1431.3	1484.7
22.5°	1359.4	1486.3	1507.9	1471.6	1645.3	1758.9	1796.4	2000.3	2093.6	2232.8	2274.7
20°	1921.0	2216.1	2588.9	2594.8	2523.3	2850.5	2986.0	3093.2	3321.2	3480.0	3587.7
17.5°	3393.2	3391.0	4152.4	4573.1	4525.5	4761.1	5427.5	5358.8	5897.2	6223.7	6237.4
15°	5553.9	5956.6	6439.8	7202.9	7852.4	8375.9	9008.7	9835.5	10505.0	11291.5	11888.5
12.5°	8025.8	8818.9	9645.9	10516.4	11535.7	12693.1	13952.0	15054.1	16365.1	17512.5	18698.8
10°	10502.5	11758.7	12925.9	14226.8	15675.5	17217.3	19063.5	20676.6	22615.9	24316.9	25435.0
7.5°	12773.6	14280.5	15858.1	17749.0	19771.1	21707.2	23797.3	26059.8	28328.6	30293.9	31962.7
5°	14993.4	16687.4	18436.0	20518.9	22829.8	25255.7	27842.1	30517.8	32895.2	35133.9	37082.5
2.5°	16734.8	18675.2	20672.9	23028.2	25514.4	27972.9	30562.0	33442.5	36207.4	38825.7	40827.5
0°	17769.7	19716.6	21676.6	24172.1	26902.0	29544.0	32430.2	35497.1	38415.8	40919.5	42775.2
-2.5°	17357.4	19253.8	21234.2	23699.6	26329.6	28791.4	31549.0	34519.9	37346.8	39882.4	41808.5
-5°	16425.2	18126.6	19942.0	22221.6	24682.1	27127.8	29831.3	32657.5	35096.2	37346.9	39073.7
-7.5°	15114.4	16684.0	18377.1	20487.7	22750.3	24886.1	27095.9	29376.0	31595.3	33520.2	34941.0
-10°	13722.3	15143.2	16600.6	18293.1	20221.4	22085.6	23950.2	26029.8	27858.8	29448.0	30619.7
-12.5°	12326.1	13493.4	14643.2	15937.3	17592.0	19269.7	20882.4	22626.2	24083.0	25394.1	26436.4
-15°	10986.0	11894.7	12767.2	14019.8	15476.9	16716.0	17708.3	19287.7	20276.6	21442.0	22170.8
-17.5°	9740.5	10466.1	11526.3	12603.1	13642.7	14661.0	15806.0	16741.0	17711.7	18663.6	19290.0
-20°	8760.5	9657.9	10554.1	11429.8	12322.8	13294.8	14201.2	15084.8	15930.7	16662.4	17164.5



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8122.5	8919.2	9673.6	10461.7	11331.6	12147.8	12913.6	13727.2	14450.6	14996.8	15405.4
-25°	7509.9	8202.8	8936.8	9725.2	10461.3	11148.2	11853.4	12481.5	13098.8	13553.6	13935.9
-27.5°	6957.8	7615.1	8338.3	9037.0	9693.2	10335.2	10934.4	11454.8	11969.0	12332.8	12712.9
-30°	6477.5	7143.3	7801.0	8422.2	9038.5	9620.1	10148.5	10642.6	11074.0	11428.3	11747.0
-32.5°	6114.8	6718.5	7304.1	7885.3	8469.4	9005.7	9468.2	9942.7	10339.7	10679.4	10968.0
-35°	5756.0	6323.7	6865.1	7397.6	7935.2	8452.2	8900.1	9313.3	9704.0	10008.1	10272.5
-37.5°	5406.3	5935.6	6436.5	6915.4	7407.2	7883.9	8292.4	8680.5	9029.8	9310.8	9561.8
-40°	5053.9	5538.8	5986.6	6432.8	6874.7	7274.2	7658.1	8015.6	8314.9	8574.0	8802.3
-42.5°	4689.9	5116.8	5520.7	5929.1	6332.7	6686.2	7025.1	7346.3	7601.0	7830.6	8028.3
-45°	4324.4	4700.1	5070.2	5437.1	5769.2	6095.5	6402.7	6673.9	6903.6	7106.9	7278.4
-47.5°	3972.7	4292.0	4630.6	4965.1	5250.5	5529.8	5798.5	6028.5	6227.9	6405.7	6556.6
-50°	3621.2	3906.1	4201.4	4488.6	4750.3	4995.4	5220.6	5421.5	5603.3	5757.0	5886.4
-52.5°	3273.2	3537.8	3790.2	4023.7	4261.4	4486.9	4696.3	4872.0	5031.3	5173.5	5287.5
-55°	2941.0	3175.0	3411.0	3609.8	3802.0	3989.8	4164.2	4321.1	4465.4	4596.1	4698.3
-57.5°	2605.9	2810.0	3007.2	3185.5	3357.9	3523.6	3664.9	3787.9	3903.1	4008.6	4098.8
-60°	2282.4	2452.4	2619.1	2767.9	2911.6	3049.4	3169.8	3274.4	3367.2	3449.0	3522.9
-62.5°	1978.8	2124.9	2257.7	2377.8	2490.3	2602.6	2705.3	2795.8	2874.3	2941.6	2999.5
-65°	1699.6	1820.5	1926.7	2026.2	2119.6	2214.3	2296.7	2371.0	2437.1	2492.7	2537.3
-67.5°	1451.4	1546.0	1634.5	1711.5	1790.9	1871.5	1946.0	2011.1	2067.2	2111.7	2146.3
-70°	1242.1	1318.7	1398.0	1474.8	1550.4	1619.6	1684.0	1741.6	1793.0	1831.2	1861.8
-72.5°	1082.2	1146.9	1220.0	1297.5	1369.2	1438.1	1503.7	1564.6	1621.4	1657.8	1686.3
-75°	967.5	1034.2	1099.6	1164.2	1227.8	1288.3	1349.4	1411.6	1474.5	1511.6	1541.3
-77.5°	840.7	887.5	936.1	988.8	1044.9	1099.2	1152.4	1204.8	1256.2	1282.0	1301.7
-80°	644.6	681.9	718.5	755.5	792.7	831.0	869.5	907.8	945.4	962.7	975.7
-82.5°	420.1	445.7	470.1	493.5	515.9	535.1	553.0	569.6	585.0	592.5	597.7
-85°	220.1	231.3	242.0	252.0	261.5	267.3	272.4	276.6	280.1	284.8	288.9
-87.5°	84.7	87.9	91.0	94.0	97.0	98.5	99.7	100.8	101.8	103.3	104.7
-90°	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	3.3	3.3



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	31.3	30.9	31.8	32.6	31.8	30.9	31.3	31.8	32.2	32.6	31.4
87.5°	12.9	11.4	10.6	9.8	10.6	11.4	12.9	14.5	16.0	17.4	16.1
85°	23.9	21.1	19.5	17.9	19.5	21.1	23.9	26.6	29.2	31.6	30.0
82.5°	28.8	27.6	27.7	27.7	27.7	27.6	28.8	30.0	31.3	32.7	33.9
80°	33.3	32.5	32.6	32.6	32.6	32.5	33.3	34.0	34.7	35.7	38.8
77.5°	36.1	35.8	35.0	34.2	35.0	35.8	36.1	36.5	36.8	37.7	42.0
75°	33.2	32.7	32.6	32.6	32.6	32.7	33.2	33.8	34.3	35.7	40.3
72.5°	28.5	27.9	27.7	27.7	27.7	27.9	28.5	29.1	29.8	31.3	34.9
70°	24.7	24.5	23.7	22.8	23.7	24.5	24.7	24.9	25.3	26.4	28.7
67.5°	20.4	19.7	19.5	19.5	19.5	19.7	20.4	21.1	21.7	22.7	24.1
65°	17.1	16.5	16.3	16.3	16.3	16.5	17.1	17.8	18.5	19.6	20.9
62.5°	15.4	14.9	14.0	13.0	14.0	14.9	15.4	16.0	16.6	17.4	18.3
60°	13.8	13.2	12.3	11.4	12.3	13.2	13.8	14.4	15.1	15.8	16.5
57.5°	12.2	11.6	11.4	11.4	11.4	11.6	12.2	12.9	13.5	14.3	15.0
55°	10.7	10.1	9.8	9.8	9.8	10.1	10.7	11.3	12.0	13.0	13.9
52.5°	10.5	10.0	9.8	9.8	9.8	10.0	10.5	11.0	11.6	12.6	13.6
50°	11.9	11.5	11.4	11.4	11.4	11.5	11.9	12.2	12.7	13.4	14.0
47.5°	14.2	13.4	13.0	13.0	13.0	13.4	14.2	14.8	15.2	15.6	15.8
45°	18.8	18.2	17.8	17.9	17.8	18.2	18.8	19.2	20.4	20.6	19.1
42.5°	32.4	31.5	30.2	29.3	30.2	31.5	32.4	32.1	33.6	33.5	32.4
40°	57.5	56.2	54.3	53.7	54.3	56.2	57.5	57.4	60.0	57.8	58.6
37.5°	109.7	108.9	105.4	104.2	105.4	108.9	109.7	108.3	107.5	100.5	104.2
35°	194.0	195.5	192.2	192.1	192.2	195.5	194.0	194.4	190.0	173.6	181.2
32.5°	350.8	354.6	344.7	350.0	344.7	354.6	350.8	345.0	327.4	312.6	305.9
30°	574.7	587.5	581.8	584.4	581.8	587.5	574.7	575.8	539.9	520.3	487.5
27.5°	936.8	946.4	926.6	919.7	926.6	946.4	936.8	930.0	860.2	852.2	752.5
25°	1514.8	1520.8	1501.6	1509.0	1501.6	1520.8	1514.8	1484.7	1431.3	1369.5	1255.1
22.5°	2359.7	2337.1	2315.6	2295.3	2315.6	2337.1	2359.7	2274.7	2232.8	2093.6	2000.3
20°	3687.7	3635.6	3628.6	3589.4	3628.6	3635.6	3687.7	3587.7	3480.0	3321.2	3093.2
17.5°	6570.3	6664.9	6455.0	6049.1	6455.0	6664.9	6570.3	6237.4	6223.7	5897.2	5358.8
15°	12240.1	12684.4	12875.2	12409.2	12875.2	12684.4	12240.1	11888.5	11291.5	10505.0	9835.5
12.5°	19353.6	19666.4	20045.2	19768.7	20045.2	19666.4	19353.6	18698.8	17512.5	16365.1	15054.1
10°	26395.6	26863.7	27437.1	27178.7	27437.1	26863.7	26395.6	25435.0	24316.9	22615.9	20676.6
7.5°	32881.1	33687.8	34191.5	33867.6	34191.5	33687.8	32881.1	31962.7	30293.9	28328.6	26059.8
5°	38416.1	39053.8	39357.5	39273.7	39357.5	39053.8	38416.1	37082.5	35133.9	32895.2	30517.8
2.5°	41965.7	42638.9	42911.0	42684.9	42911.0	42638.9	41965.7	40827.5	38825.7	36207.4	33442.5
0°	43700.6	44331.5	44764.4	44798.7	44764.4	44331.5	43700.6	42775.2	40919.5	38415.8	35497.1
-2.5°	42698.0	43081.4	43288.5	43150.5	43288.5	43081.4	42698.0	41808.5	39882.4	37346.8	34519.9
-5°	40072.1	40477.5	40609.1	40769.7	40609.1	40477.5	40072.1	39073.7	37346.9	35096.2	32657.5
-7.5°	35740.2	36184.9	36512.8	36499.0	36512.8	36184.9	35740.2	34941.0	33520.2	31595.3	29376.0
-10°	31491.2	31821.6	32163.7	32106.2	32163.7	31821.6	31491.2	30619.7	29448.0	27858.8	26029.8
-12.5°	27280.2	27831.4	27965.4	27925.1	27965.4	27831.4	27280.2	26436.4	25394.1	24083.0	22626.2
-15°	23000.5	23409.0	23375.5	23267.0	23375.5	23409.0	23000.5	22170.8	21442.0	20276.6	19287.7
-17.5°	19832.0	20057.2	20143.3	20058.5	20143.3	20057.2	19832.0	19290.0	18663.6	17711.7	16741.0
-20°	17577.4	17751.3	17810.0	17849.5	17810.0	17751.3	17577.4	17164.5	16662.4	15930.7	15084.8



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15757.3	15935.0	15986.6	16053.9	15986.6	15935.0	15757.3	15405.4	14996.8	14450.6	13727.2
-25°	14230.9	14404.6	14463.3	14530.3	14463.3	14404.6	14230.9	13935.9	13553.6	13098.8	12481.5
-27.5°	12967.9	13137.5	13208.1	13258.9	13208.1	13137.5	12967.9	12712.9	12332.8	11969.0	11454.8
-30°	11973.3	12140.3	12241.3	12274.0	12241.3	12140.3	11973.3	11747.0	11428.3	11074.0	10642.6
-32.5°	11184.2	11330.0	11424.9	11473.1	11424.9	11330.0	11184.2	10968.0	10679.4	10339.7	9942.7
-35°	10481.4	10627.8	10726.4	10776.4	10726.4	10627.8	10481.4	10272.5	10008.1	9704.0	9313.3
-37.5°	9762.8	9922.2	10026.5	10029.2	10026.5	9922.2	9762.8	9561.8	9310.8	9029.8	8680.5
-40°	8969.9	9096.3	9179.0	9212.0	9179.0	9096.3	8969.9	8802.3	8574.0	8314.9	8015.6
-42.5°	8174.6	8281.9	8349.0	8377.0	8349.0	8281.9	8174.6	8028.3	7830.6	7601.0	7346.3
-45°	7415.4	7523.6	7579.5	7571.2	7579.5	7523.6	7415.4	7278.4	7106.9	6903.6	6673.9
-47.5°	6672.5	6756.5	6802.3	6812.6	6802.3	6756.5	6672.5	6556.6	6405.7	6227.9	6028.5
-50°	5996.3	6085.3	6123.3	6112.6	6123.3	6085.3	5996.3	5886.4	5757.0	5603.3	5421.5
-52.5°	5381.5	5457.1	5489.9	5485.9	5489.9	5457.1	5381.5	5287.5	5173.5	5031.3	4872.0
-55°	4782.0	4847.3	4873.3	4868.9	4873.3	4847.3	4782.0	4698.3	4596.1	4465.4	4321.1
-57.5°	4173.6	4232.4	4249.8	4238.9	4249.8	4232.4	4173.6	4098.8	4008.6	3903.1	3787.9
-60°	3584.3	3632.7	3647.7	3641.5	3647.7	3632.7	3584.3	3522.9	3449.0	3367.2	3274.4
-62.5°	3047.3	3084.7	3100.1	3101.1	3100.1	3084.7	3047.3	2999.5	2941.6	2874.3	2795.8
-65°	2573.5	2601.2	2613.6	2616.0	2613.6	2601.2	2573.5	2537.3	2492.7	2437.1	2371.0
-67.5°	2174.2	2195.8	2203.3	2204.1	2203.3	2195.8	2174.2	2146.3	2111.7	2067.2	2011.1
-70°	1889.1	1913.2	1923.3	1929.0	1923.3	1913.2	1889.1	1861.8	1831.2	1793.0	1741.6
-72.5°	1712.9	1737.7	1749.4	1758.1	1749.4	1737.7	1712.9	1686.3	1657.8	1621.4	1564.6
-75°	1569.6	1595.9	1604.2	1608.3	1604.2	1595.9	1569.6	1541.3	1511.6	1474.5	1411.6
-77.5°	1318.7	1332.8	1338.1	1339.7	1338.1	1332.8	1318.7	1301.7	1282.0	1256.2	1204.8
-80°	986.0	993.4	1007.6	1019.0	1007.6	993.4	986.0	975.7	962.7	945.4	907.8
-82.5°	600.8	602.1	610.4	617.0	610.4	602.1	600.8	597.7	592.5	585.0	569.6
-85°	292.2	294.9	301.6	307.7	301.6	294.9	292.2	288.9	284.8	280.1	276.6
-87.5°	106.0	107.1	106.5	105.8	106.5	107.1	106.0	104.7	103.3	101.8	100.8
-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: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	30.2	28.9	27.7	27.3	26.9	26.4	26.0	24.0	22.0	19.9	17.9
87.5°	14.8	13.5	12.2	12.5	12.8	13.0	13.2	12.3	11.5	10.7	10.0
85°	28.3	26.6	25.0	25.1	25.2	25.2	25.0	24.3	23.4	22.2	20.9
82.5°	34.9	35.6	36.1	38.7	40.7	42.2	43.0	42.7	41.8	40.5	38.4
80°	41.7	44.3	47.0	52.2	56.8	60.8	63.8	64.9	65.6	65.4	63.2
77.5°	46.1	50.1	54.8	62.6	69.9	76.7	82.2	84.9	86.0	86.6	84.2
75°	44.9	49.7	56.3	66.8	76.9	86.8	94.0	98.3	101.7	104.3	101.8
72.5°	38.9	43.3	51.1	63.4	76.1	87.6	97.5	106.0	113.1	118.8	115.1
70°	31.4	34.5	41.7	53.0	65.2	77.9	91.3	105.0	119.0	128.7	122.9
67.5°	25.7	27.5	32.8	41.0	51.3	63.1	77.1	92.9	108.0	122.6	121.2
65°	22.2	23.6	26.9	32.1	39.0	47.6	58.6	72.3	88.7	105.3	107.7
62.5°	19.5	20.9	23.0	26.0	29.9	35.1	43.0	54.4	67.8	79.3	85.1
60°	17.2	18.0	19.4	21.3	23.8	26.9	32.4	39.8	49.0	58.5	64.6
57.5°	15.8	16.5	17.1	17.9	19.1	21.4	24.7	28.8	36.2	42.3	47.4
55°	14.5	15.3	15.8	16.2	16.6	17.9	19.6	22.5	26.8	30.3	36.4
52.5°	14.6	15.1	15.6	16.0	16.3	16.3	16.5	18.4	21.2	25.1	28.5
50°	14.8	15.2	15.7	16.2	16.5	16.4	16.3	16.3	18.8	21.8	24.7
47.5°	16.4	16.8	16.3	16.5	18.1	17.1	16.9	18.1	20.4	20.5	23.1
45°	21.7	22.4	20.2	22.9	24.2	23.3	19.9	24.4	25.7	25.2	22.6
42.5°	36.3	36.3	34.4	40.2	42.0	39.0	35.4	38.9	37.4	33.7	37.9
40°	63.1	60.4	62.7	69.0	70.9	66.2	67.5	63.0	58.8	49.6	64.5
37.5°	105.4	101.8	107.8	110.0	109.8	111.9	111.2	101.7	88.6	96.1	107.8
35°	169.4	165.2	171.8	168.8	162.1	179.1	173.8	152.7	142.2	154.0	161.8
32.5°	280.7	276.0	265.8	253.0	260.8	268.7	257.6	226.5	231.0	230.9	222.5
30°	453.8	433.0	397.0	398.6	412.9	390.0	361.0	371.9	356.5	324.8	293.6
27.5°	737.6	659.5	601.9	637.7	621.6	567.2	576.1	559.9	507.9	449.3	407.0
25°	1184.3	1050.2	1021.3	1001.2	922.2	905.8	910.5	834.6	711.7	626.5	684.3
22.5°	1796.4	1758.9	1645.3	1471.6	1507.9	1486.3	1359.4	1186.7	1058.8	1151.4	1077.5
20°	2986.0	2850.5	2523.3	2594.8	2588.9	2216.1	1921.0	1944.4	2018.4	1856.8	1571.4
17.5°	5427.5	4761.1	4525.5	4573.1	4152.4	3391.0	3393.2	3429.4	3175.8	2704.1	2150.0
15°	9008.7	8375.9	7852.4	7202.9	6439.8	5956.6	5553.9	5176.9	4530.8	3723.9	2992.5
12.5°	13952.0	12693.1	11535.7	10516.4	9645.9	8818.9	8025.8	7176.3	6124.1	5117.5	4273.7
10°	19063.5	17217.3	15675.5	14226.8	12925.9	11758.7	10502.5	9209.2	7886.6	6632.5	5555.1
7.5°	23797.3	21707.2	19771.1	17749.0	15858.1	14280.5	12773.6	11217.0	9622.6	8131.8	6824.4
5°	27842.1	25255.7	22829.8	20518.9	18436.0	16687.4	14993.4	13191.2	11312.3	9597.5	8064.5
2.5°	30562.0	27972.9	25514.4	23028.2	20672.9	18675.2	16734.8	14672.5	12499.3	10477.6	8748.3
0°	32430.2	29544.0	26902.0	24172.1	21676.6	19716.6	17769.7	15679.5	13395.6	11176.9	9374.8
-2.5°	31549.0	28791.4	26329.6	23699.6	21234.2	19253.8	17357.4	15456.5	13216.2	11100.8	9363.0
-5°	29831.3	27127.8	24682.1	22221.6	19942.0	18126.6	16425.2	14747.8	12740.8	10859.1	9280.2
-7.5°	27095.9	24886.1	22750.3	20487.7	18377.1	16684.0	15114.4	13533.2	11766.2	10091.3	8651.7
-10°	23950.2	22085.6	20221.4	18293.1	16600.6	15143.2	13722.3	12277.5	10741.2	9276.4	7989.2
-12.5°	20882.4	19269.7	17592.0	15937.3	14643.2	13493.4	12326.1	11046.3	9686.3	8427.1	7311.4
-15°	17708.3	16716.0	15476.9	14019.8	12767.2	11894.7	10986.0	9942.0	8769.1	7622.0	6632.1
-17.5°	15806.0	14661.0	13642.7	12603.1	11526.3	10466.1	9740.5	8914.1	7959.5	6992.8	6105.8
-20°	14201.2	13294.8	12322.8	11429.8	10554.1	9657.9	8760.5	7961.2	7202.2	6414.4	5669.8



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12913.6	12147.8	11331.6	10461.7	9673.6	8919.2	8122.5	7289.0	6488.2	5850.3	5233.7
-25°	11853.4	11148.2	10461.3	9725.2	8936.8	8202.8	7509.9	6786.8	6045.0	5339.4	4808.6
-27.5°	10934.4	10335.2	9693.2	9037.0	8338.3	7615.1	6957.8	6311.6	5655.1	5020.3	4428.6
-30°	10148.5	9620.1	9038.5	8422.2	7801.0	7143.3	6477.5	5892.4	5308.5	4727.7	4176.0
-32.5°	9468.2	9005.7	8469.4	7885.3	7304.1	6718.5	6114.8	5500.0	4973.1	4462.4	3956.4
-35°	8900.1	8452.2	7935.2	7397.6	6865.1	6323.7	5756.0	5193.5	4673.4	4198.3	3733.4
-37.5°	8292.4	7883.9	7407.2	6915.4	6436.5	5935.6	5406.3	4889.8	4393.3	3949.0	3525.3
-40°	7658.1	7274.2	6874.7	6432.8	5986.6	5538.8	5053.9	4573.3	4127.7	3702.9	3312.9
-42.5°	7025.1	6686.2	6332.7	5929.1	5520.7	5116.8	4689.9	4260.3	3852.1	3465.3	3101.5
-45°	6402.7	6095.5	5769.2	5437.1	5070.2	4700.1	4324.4	3948.6	3580.9	3224.9	2880.1
-47.5°	5798.5	5529.8	5250.5	4965.1	4630.6	4292.0	3972.7	3643.8	3304.3	2973.7	2669.0
-50°	5220.6	4995.4	4750.3	4488.6	4201.4	3906.1	3621.2	3328.6	3023.2	2734.4	2452.5
-52.5°	4696.3	4486.9	4261.4	4023.7	3790.2	3537.8	3273.2	3018.9	2755.3	2490.5	2236.7
-55°	4164.2	3989.8	3802.0	3609.8	3411.0	3175.0	2941.0	2712.1	2479.9	2238.7	2025.8
-57.5°	3664.9	3523.6	3357.9	3185.5	3007.2	2810.0	2605.9	2398.9	2205.6	2007.2	1815.3
-60°	3169.8	3049.4	2911.6	2767.9	2619.1	2452.4	2282.4	2111.9	1941.6	1781.1	1618.5
-62.5°	2705.3	2602.6	2490.3	2377.8	2257.7	2124.9	1978.8	1840.5	1702.9	1563.4	1429.3
-65°	2296.7	2214.3	2119.6	2026.2	1926.7	1820.5	1699.6	1586.2	1475.8	1362.8	1245.6
-67.5°	1946.0	1871.5	1790.9	1711.5	1634.5	1546.0	1451.4	1354.8	1264.9	1172.0	1073.8
-70°	1684.0	1619.6	1550.4	1474.8	1398.0	1318.7	1242.1	1164.2	1080.0	1002.1	927.8
-72.5°	1503.7	1438.1	1369.2	1297.5	1220.0	1146.9	1082.2	1019.8	951.7	877.7	806.8
-75°	1349.4	1288.3	1227.8	1164.2	1099.6	1034.2	967.5	903.7	841.7	781.7	721.5
-77.5°	1152.4	1099.2	1044.9	988.8	936.1	887.5	840.7	784.8	724.2	667.1	610.8
-80°	869.5	831.0	792.7	755.5	718.5	681.9	644.6	601.3	560.5	519.1	474.1
-82.5°	553.0	535.1	515.9	493.5	470.1	445.7	420.1	390.1	360.3	331.0	301.9
-85°	272.4	267.3	261.5	252.0	242.0	231.3	220.1	207.1	193.8	180.2	166.4
-87.5°	99.7	98.5	97.0	94.0	91.0	87.9	84.7	81.2	77.5	73.6	69.7
-90°	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.5	6.5



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-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°	16.7	15.5	14.2	13.0	12.6	12.2	11.8	11.4	11.0	10.6	10.2
87.5°	10.9	11.7	12.5	13.0	12.2	11.4	10.7	10.0	10.1	10.1	10.0
85°	20.3	20.0	19.9	20.0	18.3	16.3	14.8	13.5	13.7	13.8	13.6
82.5°	34.5	32.0	30.0	28.5	27.6	26.0	23.9	21.2	18.8	17.5	17.2
80°	56.6	50.5	44.9	40.1	37.4	35.9	34.1	31.1	26.2	22.6	20.5
77.5°	76.1	68.4	61.3	54.1	48.0	43.6	40.9	39.1	33.3	27.5	23.6
75°	93.0	83.5	74.4	65.6	57.3	50.6	45.3	41.4	36.6	31.9	26.4
72.5°	104.6	94.7	85.5	75.6	64.7	55.7	48.8	43.6	38.4	33.4	28.7
70°	112.9	103.6	93.6	82.2	70.8	60.1	51.2	45.2	40.2	34.9	29.8
67.5°	118.0	107.4	97.9	87.6	75.8	64.1	53.2	46.7	41.4	36.2	30.9
65°	105.4	103.2	100.0	89.0	78.5	67.8	56.2	48.5	42.6	37.3	31.9
62.5°	89.4	91.3	89.7	87.1	79.0	68.8	59.1	51.2	44.0	38.3	32.8
60°	69.8	75.0	78.3	77.6	75.2	68.6	60.0	53.8	46.1	39.2	33.5
57.5°	54.1	59.1	64.6	67.7	67.2	64.7	60.3	54.7	47.9	40.5	34.4
55°	41.0	47.0	52.7	57.2	59.2	58.0	58.9	54.9	49.2	41.8	35.5
52.5°	33.0	37.9	43.1	48.2	51.4	52.5	54.8	55.0	49.3	43.0	37.0
50°	27.9	33.4	36.9	40.8	44.8	48.1	51.2	52.3	49.3	43.6	38.5
47.5°	27.9	33.2	35.4	35.8	39.1	44.2	47.9	49.6	49.1	43.5	40.1
45°	33.8	37.6	37.7	36.6	36.0	41.9	44.9	47.3	47.2	44.5	41.6
42.5°	45.4	48.4	45.0	38.9	42.7	41.1	42.4	45.1	45.6	45.7	42.9
40°	69.9	65.6	56.8	55.9	56.3	42.1	42.7	43.2	44.4	46.8	44.1
37.5°	101.6	92.5	77.4	82.6	76.8	59.1	44.4	41.6	45.6	47.7	45.4
35°	152.1	128.5	119.8	119.1	106.8	80.5	47.1	41.8	47.6	49.0	46.8
32.5°	212.5	191.5	182.5	163.2	142.3	105.9	61.6	50.1	50.6	50.6	48.3
30°	291.5	300.6	258.4	212.0	183.4	139.6	92.2	60.3	54.8	52.7	49.8
27.5°	448.6	434.0	351.9	281.0	229.3	181.3	144.3	72.5	59.9	55.4	51.3
25°	655.5	595.0	481.2	363.2	278.2	307.4	210.0	87.8	68.5	59.3	53.0
22.5°	934.8	785.7	626.6	452.9	468.6	467.2	300.7	137.7	79.5	63.8	54.9
20°	1259.7	1002.5	844.0	783.3	706.9	638.1	423.1	194.6	91.3	68.7	56.9
17.5°	1639.6	1475.8	1389.3	1187.2	982.7	824.7	563.6	257.1	103.8	74.0	59.1
15°	2554.0	2270.1	1996.2	1632.7	1280.9	1024.0	718.3	323.6	116.7	79.5	65.0
12.5°	3606.8	3100.6	2650.1	2110.2	1596.0	1232.7	882.9	392.3	129.8	92.2	76.0
10°	4680.3	3955.9	3337.3	2609.0	1921.9	1447.2	1052.4	469.0	160.8	110.9	87.4
7.5°	5760.0	4823.3	4042.7	3117.5	2243.0	1657.0	1231.9	560.5	194.8	129.8	99.1
5°	6743.6	5555.3	4615.1	3526.5	2510.8	1855.1	1405.9	648.3	228.9	148.8	110.7
2.5°	7328.1	6055.7	5079.6	3900.8	2764.4	2044.7	1568.1	730.3	262.4	167.5	122.3
0°	7864.2	6521.2	5508.7	4245.5	3000.1	2223.7	1714.1	804.2	294.6	185.6	133.5
-2.5°	7821.9	6529.7	5498.0	4296.9	3106.3	2317.1	1777.4	894.7	384.1	250.5	176.3
-5°	7731.7	6499.2	5451.8	4315.4	3190.1	2395.9	1822.2	974.9	470.6	313.7	218.0
-7.5°	7332.7	6260.5	5301.3	4283.8	3250.5	2458.6	1850.5	1045.2	552.9	374.2	258.0
-10°	6843.7	5888.3	5008.8	4077.6	3159.8	2451.9	1856.5	1105.5	629.9	431.3	295.8
-12.5°	6338.2	5501.6	4706.0	3856.6	3031.9	2384.0	1798.8	1130.1	697.9	484.0	330.8
-15°	5825.0	5107.2	4400.3	3626.4	2894.5	2307.2	1736.2	1135.4	739.2	527.1	362.3
-17.5°	5339.2	4710.9	4098.5	3391.8	2750.3	2222.7	1671.9	1135.6	775.2	560.0	389.8
-20°	4996.2	4383.5	3805.3	3157.7	2601.9	2131.8	1608.8	1131.5	805.6	588.9	413.5



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-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°
-22.5°	4655.0	4107.8	3553.3	2961.4	2464.8	2035.8	1549.5	1124.0	830.1	613.7	433.9
-25°	4311.2	3828.5	3316.7	2805.5	2345.1	1943.6	1509.8	1114.1	848.7	634.2	450.7
-27.5°	3989.8	3552.9	3090.3	2649.1	2240.0	1865.1	1485.1	1129.4	863.9	650.2	463.7
-30°	3680.3	3304.1	2902.8	2501.2	2130.5	1787.0	1460.9	1138.3	879.1	662.9	472.7
-32.5°	3468.9	3076.2	2728.7	2373.8	2030.7	1705.1	1414.7	1139.6	888.4	671.3	480.8
-35°	3304.3	2906.1	2562.4	2244.2	1932.8	1632.7	1357.4	1132.9	891.8	674.4	486.1
-37.5°	3124.3	2758.3	2419.8	2121.7	1831.2	1554.0	1307.5	1095.9	889.2	672.0	487.6
-40°	2948.5	2603.7	2287.4	2007.5	1735.1	1469.2	1252.0	1057.1	880.9	664.2	485.3
-42.5°	2758.8	2445.8	2156.5	1890.3	1636.2	1401.8	1192.6	1012.9	845.2	655.3	479.2
-45°	2572.5	2282.2	2019.0	1772.8	1535.5	1329.2	1137.4	963.7	802.5	643.6	469.9
-47.5°	2378.0	2120.7	1878.1	1647.5	1448.9	1253.5	1076.0	911.4	756.2	626.5	457.5
-50°	2190.6	1955.5	1733.8	1532.0	1350.3	1178.4	1009.9	854.8	713.4	589.4	441.0
-52.5°	2004.9	1791.1	1594.2	1414.1	1252.3	1096.7	941.9	794.9	666.8	550.1	420.6
-55°	1819.2	1630.3	1454.8	1297.9	1150.8	1012.4	869.4	736.9	616.4	508.7	396.6
-57.5°	1640.3	1468.3	1321.3	1181.5	1047.9	922.0	796.1	674.7	565.1	464.9	371.2
-60°	1462.3	1322.2	1189.1	1062.8	942.1	830.1	720.4	610.3	511.8	419.9	337.3
-62.5°	1299.1	1173.9	1054.0	940.5	837.1	738.6	641.7	546.4	456.0	377.3	300.1
-65°	1136.0	1025.3	915.4	824.4	734.0	647.9	565.8	479.8	404.9	333.4	264.0
-67.5°	974.5	887.5	793.2	709.3	638.8	566.4	488.6	419.8	354.2	288.5	232.5
-70°	848.8	763.4	683.2	617.1	553.3	486.9	424.5	362.2	302.5	252.3	200.4
-72.5°	741.7	671.6	596.6	529.7	478.6	423.0	362.9	306.5	262.1	215.8	167.8
-75°	655.1	584.6	519.1	463.4	413.1	358.9	306.5	262.4	221.4	178.8	138.7
-77.5°	550.7	494.9	443.9	388.7	337.2	291.6	252.1	217.8	179.3	142.6	110.1
-80°	422.7	374.4	329.5	288.4	252.7	221.7	193.6	165.1	133.7	105.5	80.7
-82.5°	269.1	242.4	218.2	195.3	173.4	151.7	130.3	109.0	87.0	67.5	55.8
-85°	151.5	137.3	123.8	111.0	96.0	81.2	72.1	63.5	55.4	47.8	40.7
-87.5°	66.7	63.6	60.3	56.8	51.7	46.8	42.0	37.5	33.3	29.2	25.5
-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: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-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°	9.9	9.1	8.3	7.7	7.2	6.8	6.5
85°	13.2	11.6	10.2	8.9	7.9	7.1	6.5
82.5°	16.5	14.1	12.0	10.2	8.6	7.4	6.5
80°	19.6	16.6	13.8	11.4	9.3	7.6	6.5
77.5°	21.1	18.5	15.5	12.5	10.0	7.9	6.5
75°	22.5	19.3	17.0	13.7	10.7	8.2	6.5
72.5°	23.9	20.0	17.3	14.8	11.3	8.4	6.5
70°	25.0	20.6	17.5	15.7	12.0	8.7	6.5
67.5°	26.0	21.2	17.7	15.6	12.6	9.0	6.5
65°	27.0	21.9	17.8	15.5	13.2	9.2	6.5
62.5°	27.9	22.8	17.8	15.4	13.7	9.4	6.5
60°	28.9	23.7	17.8	15.2	14.3	9.7	6.5
57.5°	30.0	24.5	18.5	15.0	14.1	9.9	6.5
55°	31.1	25.4	19.2	14.7	14.0	10.1	6.5
52.5°	32.3	26.3	19.9	14.4	13.9	10.3	6.5
50°	33.5	27.4	20.6	14.1	13.8	10.5	6.5
47.5°	34.8	28.5	21.3	13.9	13.7	10.6	6.5
45°	36.1	29.6	21.9	14.4	13.6	10.8	6.5
42.5°	37.5	30.7	22.5	14.8	13.6	10.9	6.5
40°	38.8	31.9	23.2	15.5	13.6	11.1	6.5
37.5°	40.1	33.0	24.1	16.4	13.6	11.2	6.5
35°	41.4	34.1	24.9	17.3	13.6	11.3	6.5
32.5°	42.6	35.1	25.7	18.1	13.6	11.4	6.5
30°	43.8	36.0	26.5	19.0	13.6	11.5	6.5
27.5°	44.9	36.9	28.1	19.9	13.7	11.5	6.5
25°	46.1	37.7	29.8	20.8	13.8	11.6	6.5
22.5°	47.2	39.2	31.6	21.6	13.8	11.6	6.5
20°	48.4	42.3	33.4	22.4	13.9	11.6	6.5
17.5°	52.6	45.5	35.1	23.2	14.0	11.6	6.5
15°	58.9	48.8	36.8	24.0	14.1	11.6	6.5
12.5°	65.5	52.2	38.5	24.8	14.2	11.6	6.5
10°	72.3	55.6	40.1	25.5	14.3	11.6	6.5
7.5°	79.2	58.9	41.6	26.1	14.4	11.6	6.5
5°	86.1	62.2	43.1	26.7	14.5	11.5	6.5
2.5°	92.8	65.4	44.4	27.2	14.6	11.5	6.5
0°	99.3	68.4	45.6	27.7	14.7	11.4	6.5
-2.5°	125.2	83.2	53.3	31.1	15.8	11.6	6.5
-5°	150.5	97.7	60.7	34.4	16.9	11.9	6.5
-7.5°	174.7	111.5	67.8	37.5	18.0	12.1	6.5
-10°	197.5	124.6	74.6	40.4	19.0	12.3	6.5
-12.5°	218.6	136.8	80.8	43.2	20.0	12.5	6.5
-15°	237.8	147.8	86.5	45.7	21.0	12.7	6.5
-17.5°	254.7	157.6	91.6	47.9	21.8	12.8	6.5
-20°	270.6	166.1	95.9	49.8	22.6	13.0	6.5



REPORT NUMBER: P1306179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-80-7F-CV5-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	286.7	173.0	99.5	51.3	23.3	13.1	6.5
-25°	300.4	181.8	102.2	52.5	23.9	13.2	6.5
-27.5°	311.5	190.3	104.1	53.3	24.5	13.2	6.5
-30°	320.0	197.0	105.4	53.8	24.9	13.3	6.5
-32.5°	325.8	201.7	108.8	53.8	25.2	13.3	6.5
-35°	330.4	204.4	110.9	53.3	25.4	13.3	6.5
-37.5°	332.6	205.6	111.8	52.5	25.5	13.2	6.5
-40°	331.7	206.0	111.4	51.2	25.5	13.2	6.5
-42.5°	327.8	204.3	110.6	49.9	25.4	13.1	6.5
-45°	320.9	200.5	109.5	49.1	25.1	13.0	6.5
-47.5°	310.9	194.6	107.3	47.6	24.7	12.8	6.5
-50°	299.9	186.6	104.0	47.1	24.3	12.7	6.5
-52.5°	286.3	176.6	99.5	46.6	23.7	12.5	6.5
-55°	269.8	167.6	94.0	45.7	23.0	12.3	6.5
-57.5°	250.6	157.5	87.4	44.2	22.2	12.0	6.5
-60°	229.4	145.9	79.9	42.3	21.3	11.8	6.5
-62.5°	210.5	132.7	75.0	40.0	20.5	11.5	6.5
-65°	189.7	118.0	69.4	37.2	19.6	11.2	6.5
-67.5°	166.9	104.7	63.0	34.1	18.6	10.8	6.5
-70°	142.3	93.0	56.0	30.6	17.6	10.5	6.5
-72.5°	122.5	80.4	48.4	28.0	16.6	10.1	6.5
-75°	102.3	66.9	40.3	25.5	15.5	9.8	6.5
-77.5°	81.0	52.7	34.9	22.9	14.3	9.4	6.5
-80°	59.0	42.5	30.0	20.2	13.1	9.0	6.5
-82.5°	46.0	34.4	24.9	17.3	11.9	8.6	6.5
-85°	34.1	26.2	19.6	14.4	10.6	8.1	6.5
-87.5°	22.0	17.8	14.3	11.5	9.4	7.7	6.5
-90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5

(END OF REPORT)