

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: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-7F-CV2-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1306298 (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-08-680N-40-70-7F-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

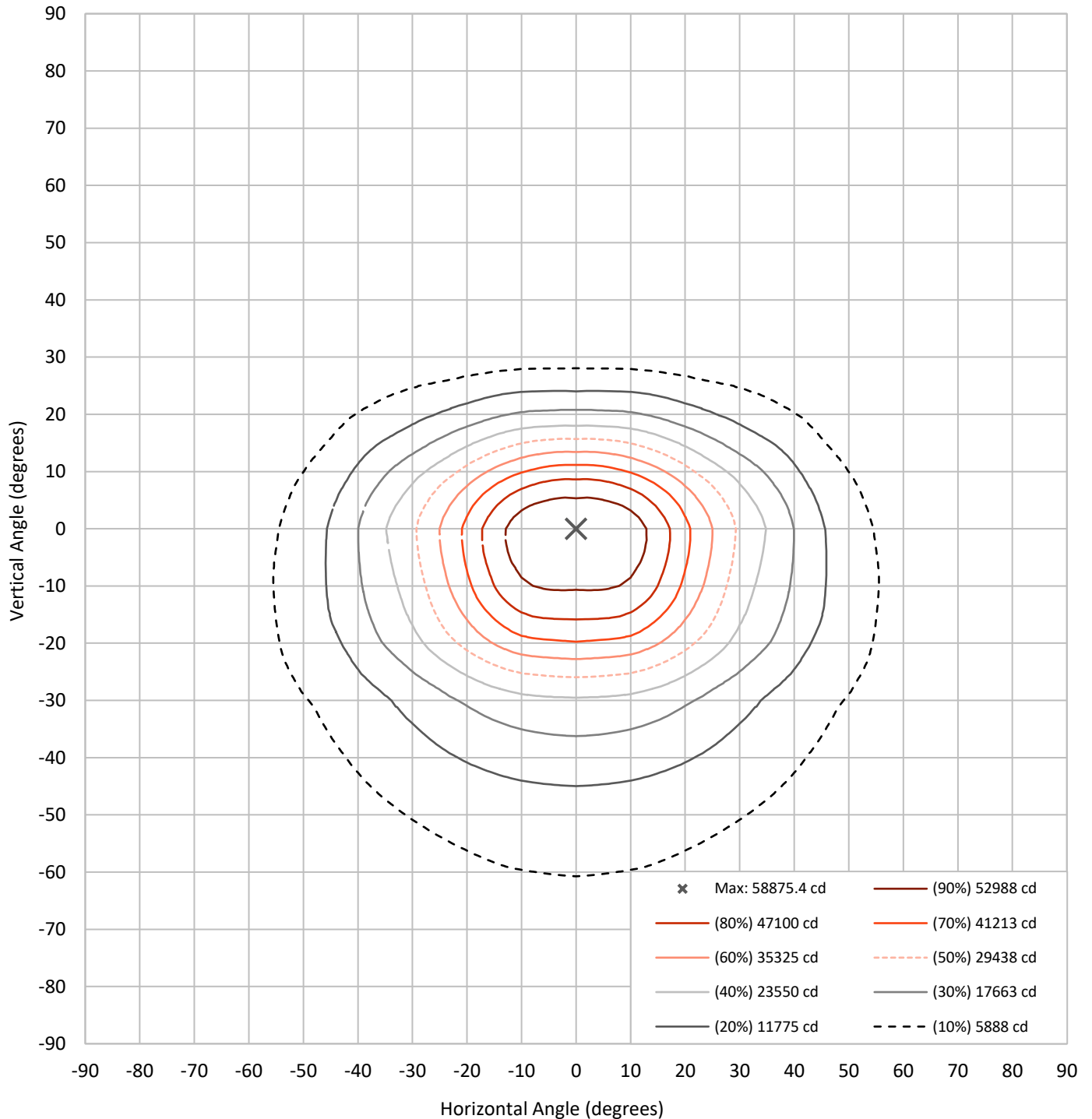
Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	51509 lumens	Max Intensity:	58875.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	24971 lumens	Field Lumens:	46782.3 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%

Input Watts (W): 688  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

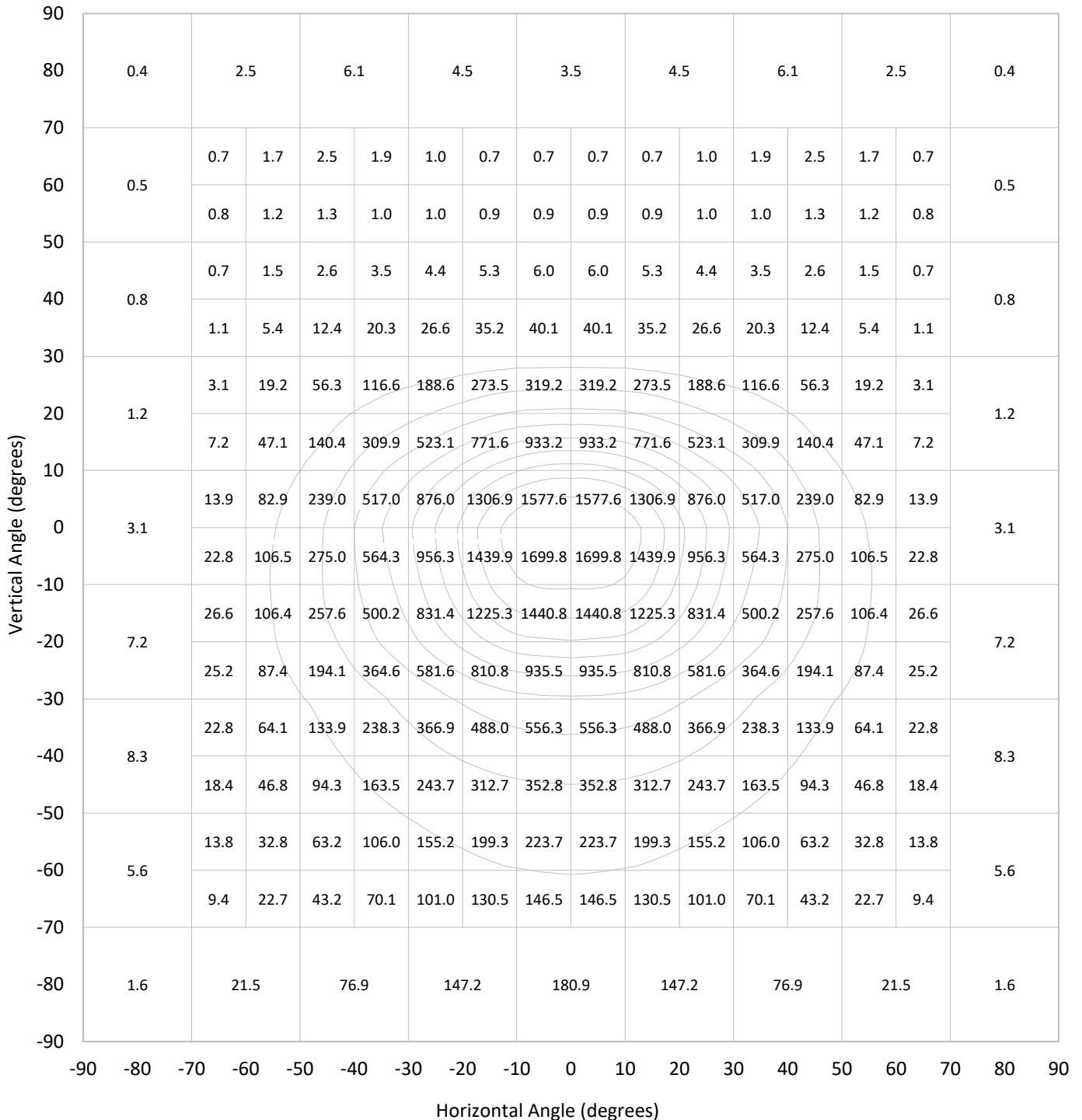
### Iso-Candela Plot





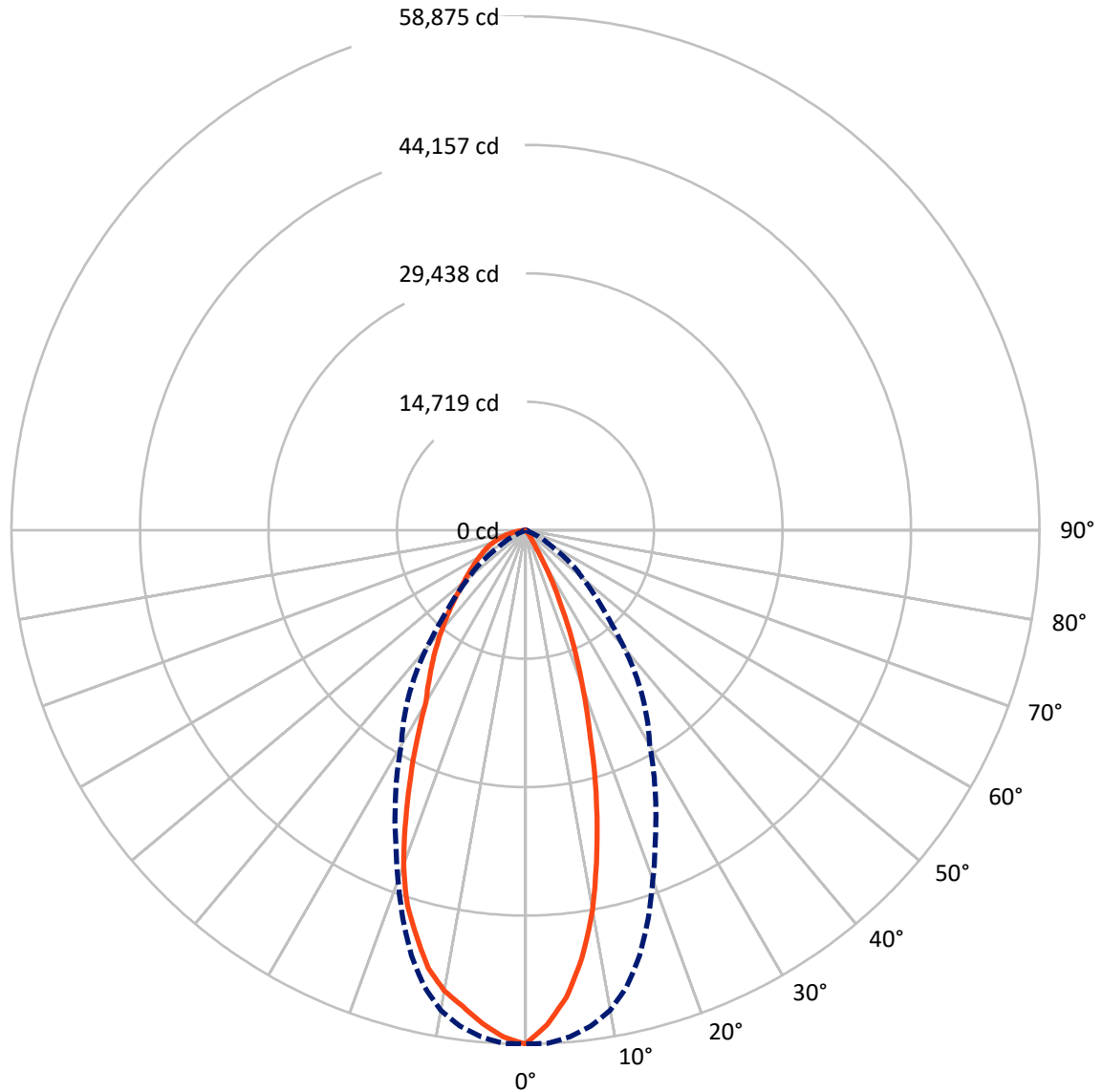
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 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

### Lumen Table



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

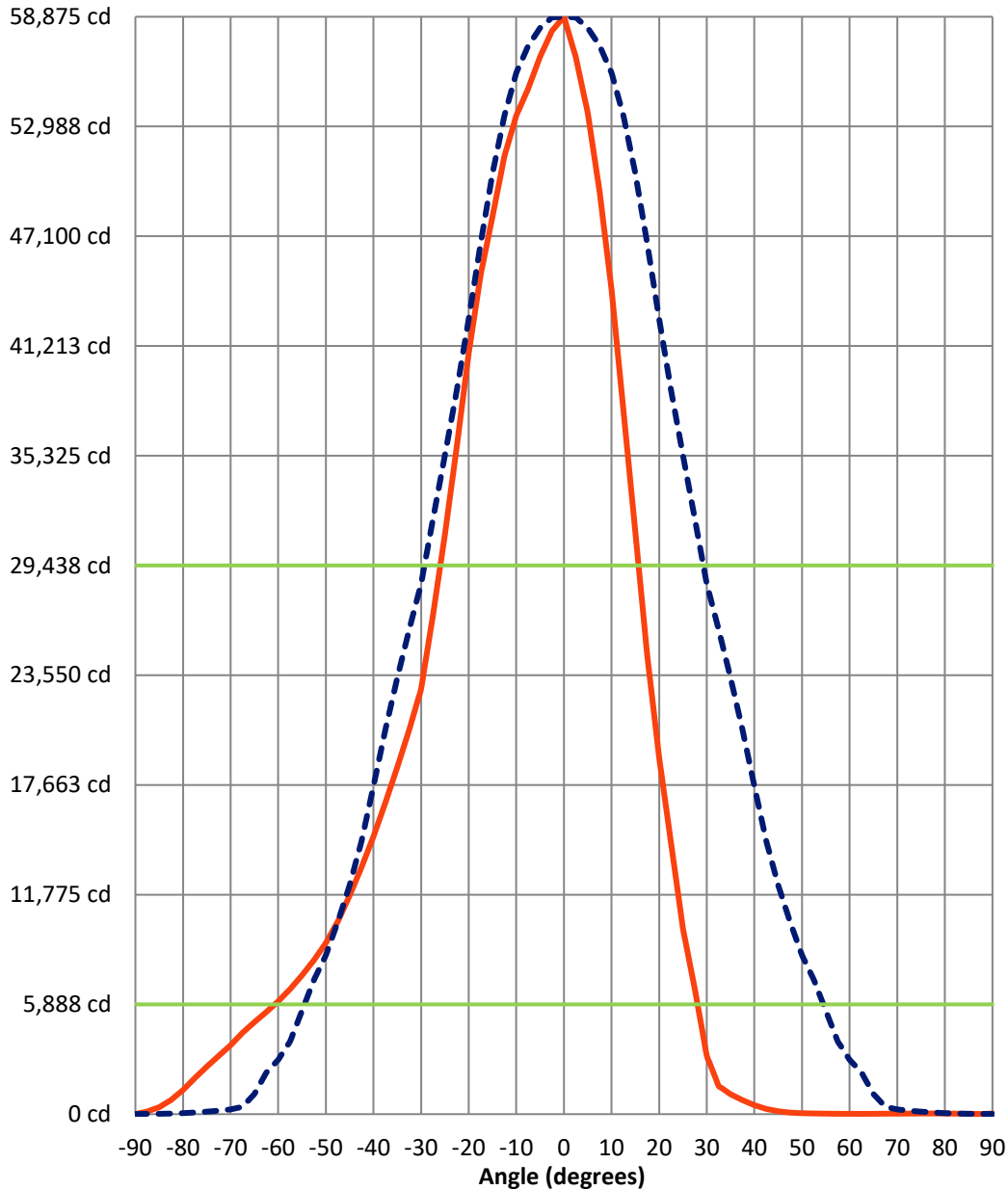
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 58.6°  
 V Angle: 41.6°  
 Lumens: 24971  
 Efficiency: 48.5%

**Field:**  
 H Angle: 109°  
 V Angle: 88.8°  
 Lumens: 46782.3  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 4726.7  
 Efficiency: 9.2%

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

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 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.3	9.3	10.3	10.8	11.4	11.9	12.4	12.9	13.5	14.0	14.5
87.5°	8.3	8.6	9.0	9.6	10.3	11.1	12.0	12.3	12.5	12.6	12.7
85°	8.3	8.9	9.7	10.8	12.2	13.8	15.7	16.3	16.8	17.0	17.0
82.5°	8.3	9.2	10.4	12.1	14.1	16.6	19.4	20.4	21.0	22.4	25.1
80°	8.3	9.5	11.1	13.3	16.0	19.3	22.6	23.2	25.4	29.4	35.2
77.5°	8.3	9.9	11.8	14.5	17.9	21.0	23.0	25.2	29.5	36.1	42.8
75°	8.3	10.2	12.5	15.7	19.4	21.2	23.4	27.0	33.1	38.6	44.1
72.5°	8.3	10.5	13.2	16.9	19.3	21.2	23.7	28.3	34.0	39.6	45.3
70°	8.3	10.7	13.8	17.7	19.2	21.2	24.0	29.1	34.8	40.6	47.0
67.5°	8.3	11.0	14.5	17.5	19.0	21.2	24.9	29.7	35.6	42.2	48.8
65°	8.3	11.3	15.1	17.3	18.8	21.5	25.7	30.3	37.0	43.8	51.2
62.5°	8.3	11.6	15.7	17.0	18.6	22.3	26.4	31.3	38.2	45.5	55.0
60°	8.3	11.8	16.2	16.7	18.3	23.0	27.2	32.3	39.4	48.6	58.5
57.5°	8.3	12.1	16.1	16.4	18.8	23.6	28.4	33.3	41.5	51.4	60.2
55°	8.3	12.3	16.0	16.1	19.4	24.3	29.8	34.7	43.7	53.7	61.2
52.5°	8.3	12.6	15.9	15.8	19.9	25.0	31.1	37.1	45.7	54.8	62.3
50°	8.3	12.8	15.9	15.4	20.4	26.2	32.4	39.5	47.3	55.8	60.6
47.5°	8.3	13.0	15.8	15.2	20.9	27.3	33.9	42.0	48.4	56.9	58.7
45°	8.3	13.2	15.8	15.6	21.4	28.4	36.0	44.5	50.9	55.7	57.2
42.5°	8.3	13.4	15.8	15.9	21.8	29.5	38.1	47.0	53.9	54.5	55.5
40°	8.3	13.5	15.9	16.5	22.5	30.6	40.2	49.9	56.7	54.0	54.3
37.5°	8.3	13.7	15.9	17.4	23.3	31.7	42.2	52.9	59.2	57.2	53.7
35°	8.3	13.8	16.0	18.3	24.0	33.1	44.2	56.1	62.4	61.8	57.7
32.5°	8.3	14.0	16.1	19.2	24.8	34.6	46.3	59.5	66.3	67.7	74.2
30°	8.3	14.1	16.3	20.1	25.5	36.0	48.9	63.0	70.9	74.8	91.0
27.5°	8.3	14.2	16.4	21.1	27.5	37.4	51.6	66.6	76.3	83.0	108.2
25°	8.3	14.3	16.6	22.1	29.8	38.7	54.3	70.4	82.9	95.8	127.4
22.5°	8.3	14.4	16.8	23.0	32.1	41.0	57.0	74.6	90.1	110.4	188.9
20°	8.3	14.4	17.0	24.0	34.6	46.2	59.6	78.9	97.8	124.9	254.0
17.5°	8.3	14.5	17.2	25.0	37.1	51.6	66.5	83.4	105.9	139.2	321.5
15°	8.3	14.5	17.4	26.0	39.6	57.3	76.2	92.6	114.3	153.1	390.0
12.5°	8.3	14.6	17.6	26.9	42.1	63.0	86.1	107.8	131.7	166.7	458.2
10°	8.3	14.6	17.8	27.8	44.6	68.8	96.1	123.2	156.6	207.7	548.1
7.5°	8.3	14.6	18.0	28.7	47.0	74.6	106.0	138.8	181.8	254.0	687.9
5°	8.3	14.6	18.2	29.5	49.4	80.3	115.8	154.2	207.1	301.0	826.9
2.5°	8.3	14.5	18.4	30.3	51.6	85.8	125.3	169.3	232.1	347.6	960.9
0°	8.3	14.5	18.6	31.0	53.7	91.0	134.4	184.0	256.3	392.8	1085.3
-2.5°	8.3	14.8	19.9	35.6	64.2	110.5	169.2	241.5	346.9	539.2	1277.4
-5°	8.3	15.0	21.3	40.0	74.3	129.4	203.1	297.5	435.0	680.4	1452.8
-7.5°	8.3	15.3	22.5	44.3	84.1	147.5	235.5	351.3	519.2	813.7	1609.3
-10°	8.3	15.5	23.8	48.4	93.3	164.5	266.0	401.9	598.2	936.4	1744.3
-12.5°	8.3	15.7	24.9	52.1	101.9	180.3	294.2	448.7	670.7	1041.9	1795.5
-15°	8.3	15.8	26.0	55.6	109.7	194.7	319.5	490.9	734.3	1106.3	1803.4
-17.5°	8.3	16.0	27.0	58.7	116.6	207.4	341.8	531.1	789.0	1161.5	1800.5
-20°	8.3	16.1	28.0	61.3	122.6	218.4	363.5	568.6	836.4	1206.9	1788.1



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 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.3	16.3	28.8	63.5	127.5	227.3	386.7	600.7	875.8	1242.1	1767.2
-25°	8.3	16.3	29.5	65.2	131.3	239.0	405.8	626.9	906.8	1266.9	1739.2
-27.5°	8.3	16.4	30.1	66.4	133.9	250.2	420.8	646.9	928.9	1287.3	1756.9
-30°	8.3	16.4	30.5	67.0	135.7	258.6	431.3	660.3	947.4	1308.8	1763.9
-32.5°	8.3	16.4	30.9	67.0	139.9	264.0	437.2	670.7	960.5	1318.3	1757.8
-35°	8.3	16.4	31.1	66.5	142.4	266.5	442.0	675.8	964.4	1315.6	1738.3
-37.5°	8.3	16.3	31.1	65.3	143.2	267.2	443.7	674.3	959.1	1300.4	1653.4
-40°	8.3	16.3	31.0	63.5	142.3	267.3	440.8	666.0	944.5	1282.0	1568.4
-42.5°	8.3	16.1	30.8	61.8	141.0	264.6	433.3	651.1	925.7	1220.3	1477.9
-45°	8.3	16.0	30.4	60.6	139.6	259.2	421.3	632.6	900.5	1149.4	1384.7
-47.5°	8.3	15.8	29.9	58.7	136.8	251.0	404.6	612.1	865.9	1074.9	1301.5
-50°	8.3	15.6	29.2	58.1	132.5	240.1	389.2	585.5	805.3	1006.8	1214.6
-52.5°	8.3	15.4	28.4	57.5	126.8	226.4	370.8	552.8	748.5	935.7	1125.4
-55°	8.3	15.1	27.5	56.2	119.7	214.9	348.6	515.4	691.6	861.8	1043.6
-57.5°	8.3	14.8	26.4	54.3	111.2	202.0	322.8	481.3	632.0	792.4	959.0
-60°	8.3	14.5	25.2	51.7	101.6	187.2	294.5	438.6	571.8	722.2	874.6
-62.5°	8.3	14.2	24.3	48.4	94.8	170.4	270.7	391.6	515.7	649.4	793.3
-65°	8.3	13.8	23.3	44.7	87.0	151.8	244.3	345.3	456.8	578.9	709.3
-67.5°	8.3	13.4	22.2	40.4	78.1	134.2	215.4	304.6	395.1	506.6	624.6
-70°	8.3	13.0	21.1	35.6	68.3	117.7	184.4	261.9	342.2	431.3	537.4
-72.5°	8.3	12.6	19.9	32.5	57.7	99.9	156.7	217.4	287.3	364.7	449.4
-75°	8.3	12.2	18.6	29.7	46.4	81.0	128.2	177.1	230.4	295.9	367.8
-77.5°	8.3	11.7	17.3	26.8	40.0	61.0	98.3	137.6	180.7	228.3	283.6
-80°	8.3	11.3	16.0	23.8	34.6	48.3	67.1	97.2	130.7	167.8	208.4
-82.5°	8.3	10.8	14.6	20.6	28.9	39.4	52.1	64.2	79.7	106.2	135.3
-85°	8.3	10.3	13.2	17.4	23.1	30.4	39.0	47.3	56.4	66.4	77.1
-87.5°	8.3	9.8	11.7	14.1	17.3	21.2	25.8	30.2	35.0	40.2	45.9
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	15.0	15.5	16.0	16.5	17.0	17.6	18.1	18.6	19.6	20.7	21.7
87.5°	13.3	14.0	14.7	15.4	14.1	12.6	10.9	9.1	9.6	10.1	10.7
85°	18.3	19.6	21.4	22.8	21.8	20.9	20.2	19.8	20.9	21.8	22.5
82.5°	27.6	29.5	30.6	31.2	31.8	32.8	34.6	38.2	40.5	41.9	42.5
80°	38.0	39.4	40.6	43.5	48.4	54.2	60.9	68.3	70.3	69.9	68.6
77.5°	44.4	47.1	51.9	59.0	67.2	75.5	84.6	94.6	97.1	95.9	93.9
75°	48.2	54.0	62.1	72.1	82.7	93.8	105.7	116.5	119.2	115.7	111.5
72.5°	51.5	60.0	70.8	83.8	96.1	107.6	119.6	132.2	137.0	131.2	123.5
70°	54.5	65.2	78.3	92.3	106.3	118.5	130.3	143.8	152.5	141.6	124.8
67.5°	57.0	70.4	84.8	99.2	111.1	123.3	137.5	143.4	146.6	129.1	111.0
65°	60.9	75.3	88.1	100.2	112.7	118.6	123.4	127.8	126.0	106.2	87.0
62.5°	64.7	76.4	88.4	98.1	102.1	105.7	105.0	100.8	94.4	82.1	67.2
60°	66.1	76.1	84.8	88.9	90.4	87.1	82.2	78.3	72.8	62.3	52.4
57.5°	66.9	72.8	77.6	78.8	75.1	70.0	68.0	62.6	58.5	51.9	42.9
55°	66.4	67.3	69.7	66.9	63.9	61.9	58.9	57.1	51.4	45.2	38.6
52.5°	63.6	62.6	60.5	59.2	60.1	59.7	58.6	55.6	50.5	44.3	40.6
50°	61.1	57.4	54.1	58.7	62.9	66.3	61.0	57.8	57.6	54.6	48.6
47.5°	57.9	53.1	56.0	63.1	75.1	79.5	72.1	71.9	74.3	80.1	73.0
45°	55.1	56.9	61.5	79.2	93.8	100.6	101.7	93.7	113.5	120.1	118.1
42.5°	53.0	64.8	86.0	98.4	121.9	136.4	142.2	154.0	165.7	180.1	183.8
40°	60.8	75.2	122.8	143.9	158.5	183.3	213.3	232.8	236.5	258.2	268.0
37.5°	70.9	117.1	173.2	209.6	208.6	251.7	296.6	343.6	370.1	349.3	397.3
35°	82.4	166.3	245.8	298.8	312.3	338.9	418.1	508.1	595.1	544.2	569.0
32.5°	116.4	222.7	330.7	411.9	490.8	508.7	557.8	801.8	959.7	962.3	835.3
30°	172.1	302.1	431.9	542.8	725.3	809.0	887.3	1190.4	1455.9	1627.0	1663.2
27.5°	242.0	392.8	555.8	755.3	1013.9	1165.0	1418.5	1744.0	2161.9	2474.8	2691.1
25°	320.4	533.1	691.0	1024.0	1358.4	1635.9	1991.8	2439.8	3025.9	3527.4	3995.6
22.5°	421.4	696.0	905.7	1325.0	1740.2	2145.0	2639.3	3283.4	4029.2	4681.3	5344.9
20°	548.3	881.0	1185.6	1696.3	2174.2	2661.6	3295.8	4191.4	5135.5	6057.4	6918.4
17.5°	685.8	1075.9	1499.2	2120.6	2767.2	3318.3	3982.4	5134.3	6300.5	7566.7	8820.5
15°	830.5	1277.8	1810.0	2583.5	3403.9	4154.2	5032.4	6206.1	7592.7	9216.8	10834.4
12.5°	979.1	1483.5	2115.0	3073.3	4067.9	5005.4	6123.7	7462.8	9054.8	10980.7	12942.2
10°	1128.0	1689.3	2410.7	3577.4	4746.5	5860.6	7187.4	8676.0	10496.3	12660.5	14879.2
7.5°	1397.7	1959.7	2717.5	4081.6	5425.5	6707.5	8214.2	9837.6	11861.5	14267.4	16694.2
5°	1685.8	2292.9	3135.9	4610.6	6066.6	7450.5	9137.5	10936.5	13139.7	15780.6	18412.2
2.5°	1965.6	2613.4	3535.2	5104.6	6656.1	8017.2	9758.3	11650.2	13983.4	16837.3	19717.2
0°	2228.4	2918.9	3911.1	5552.4	7197.9	8529.2	10309.0	12285.3	14650.1	17593.8	20624.3
-2.5°	2465.7	3198.1	4227.5	5826.3	7365.2	8655.9	10448.3	12430.2	14769.2	17596.5	20398.1
-5°	2674.5	3458.3	4514.2	6055.1	7490.1	8739.9	10514.5	12488.6	14782.4	17470.0	20085.7
-7.5°	2852.2	3698.0	4769.3	6219.6	7556.7	8807.2	10528.6	12467.8	14704.4	17240.0	19716.9
-10°	2970.9	3796.8	4785.2	6176.9	7538.5	8834.3	10480.4	12368.0	14521.5	16913.5	19259.8
-12.5°	2894.2	3760.2	4728.4	6081.8	7475.6	8799.3	10368.2	12192.9	14237.2	16509.2	18719.7
-15°	2807.3	3699.5	4635.7	5932.5	7368.2	8698.0	10195.3	11946.6	13749.4	15847.2	18028.3
-17.5°	2714.7	3613.8	4505.9	5727.8	7216.9	8527.0	9875.2	11297.0	12951.1	15008.6	17163.1
-20°	2620.6	3502.2	4338.3	5466.7	7009.0	8092.3	9195.8	10517.6	12085.9	14001.3	16158.2



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2528.7	3363.9	4161.5	5237.3	6455.3	7477.4	8474.6	9663.9	11088.4	12821.6	14711.7
-25°	2459.4	3220.7	3990.3	4862.2	5873.3	6852.9	7700.7	8755.0	10050.8	11533.4	13028.7
-27.5°	2405.7	3093.6	3747.9	4492.1	5326.2	6223.2	6976.1	7881.4	9101.5	10288.9	11443.1
-30°	2348.5	2925.5	3502.5	4150.8	4888.1	5631.9	6285.2	7168.6	8254.2	9278.9	10197.5
-32.5°	2238.1	2747.8	3287.6	3871.9	4490.2	5102.9	5786.6	6623.6	7530.8	8412.0	9148.9
-35°	2107.3	2581.1	3080.5	3596.2	4118.7	4711.0	5392.0	6109.9	6877.6	7674.2	8514.1
-37.5°	1997.6	2407.4	2867.5	3340.9	3823.2	4375.0	4984.2	5643.4	6324.0	7036.4	7858.5
-40°	1879.6	2227.5	2665.1	3103.6	3547.5	4044.0	4603.9	5188.6	5798.6	6473.3	7184.8
-42.5°	1756.8	2088.1	2462.8	2861.6	3278.1	3722.8	4209.9	4753.5	5314.1	5906.8	6542.3
-45°	1651.0	1941.4	2263.2	2634.8	3005.2	3398.6	3838.7	4312.3	4838.5	5366.0	5919.3
-47.5°	1539.8	1795.7	2094.5	2404.3	2744.6	3093.3	3461.7	3907.9	4362.3	4845.9	5325.3
-50°	1428.8	1668.4	1919.1	2204.7	2496.4	2802.1	3125.3	3524.1	3941.1	4347.8	4768.0
-52.5°	1329.4	1535.8	1771.2	2013.7	2273.7	2538.8	2838.5	3185.6	3552.9	3915.0	4289.2
-55°	1226.4	1419.8	1627.0	1845.4	2068.5	2304.3	2580.2	2889.3	3191.5	3528.4	3863.3
-57.5°	1128.8	1307.3	1495.7	1688.4	1888.9	2092.7	2358.2	2615.2	2895.8	3175.5	3466.0
-60°	1033.5	1198.7	1371.6	1546.3	1720.1	1924.4	2149.8	2389.1	2627.9	2865.7	3137.4
-62.5°	937.0	1095.0	1252.4	1411.0	1572.4	1761.9	1976.7	2187.6	2391.1	2617.6	2848.1
-65°	844.9	989.0	1137.7	1284.1	1427.4	1611.1	1804.7	2004.2	2202.1	2392.2	2588.1
-67.5°	749.3	880.7	1017.7	1158.6	1296.5	1455.8	1628.7	1810.4	1995.0	2170.0	2349.4
-70°	648.9	767.4	890.9	1018.8	1152.4	1294.4	1442.3	1601.3	1764.8	1919.4	2075.6
-72.5°	544.3	647.0	756.3	872.1	988.2	1110.0	1239.6	1376.2	1510.0	1639.5	1774.5
-75°	442.6	523.1	614.5	712.0	811.0	913.8	1022.0	1133.5	1240.9	1346.2	1454.6
-77.5°	342.7	406.4	475.7	550.4	624.5	704.4	789.0	877.9	961.5	1043.4	1126.6
-80°	247.2	287.2	337.8	393.1	449.0	506.0	564.4	624.1	677.5	733.6	794.1
-82.5°	162.8	191.5	221.7	253.2	284.8	317.6	353.2	395.3	430.6	465.5	500.6
-85°	85.9	94.9	113.1	132.2	150.8	170.1	190.1	210.6	229.0	246.4	263.0
-87.5°	50.5	55.3	60.1	65.1	69.2	73.4	77.4	81.4	87.0	92.7	98.4
-90°	8.3	8.3	8.3	8.3	7.8	7.3	6.7	6.2	6.2	6.2	6.2



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	22.7	23.8	24.8	25.9	26.9	27.4	27.9	28.4	28.9	29.4	30.0
87.5°	11.3	11.0	10.7	10.3	9.9	12.3	14.9	17.5	20.1	18.3	16.4
85°	22.9	22.9	22.7	22.5	22.1	25.5	29.0	32.5	36.0	32.9	29.6
82.5°	42.3	41.5	40.1	38.1	35.5	35.1	34.5	33.3	31.7	30.3	29.0
80°	66.6	63.5	59.5	54.7	49.2	46.2	43.4	40.2	36.7	35.7	34.8
77.5°	90.2	84.1	77.1	69.4	61.1	56.0	51.4	46.5	41.3	39.9	39.0
75°	106.5	98.9	88.5	77.4	65.8	58.0	52.1	46.4	40.8	38.7	37.5
72.5°	114.1	103.0	90.0	75.2	60.9	51.6	45.9	40.6	35.7	33.7	32.7
70°	108.4	92.5	77.8	63.7	50.4	41.6	37.4	33.8	30.9	29.4	28.6
67.5°	92.4	76.2	62.3	49.9	39.6	32.9	30.6	28.5	26.7	25.7	25.3
65°	71.5	59.1	48.4	39.5	32.5	27.9	26.1	24.4	22.8	21.7	21.4
62.5°	54.3	44.6	37.7	32.1	27.7	24.6	23.3	22.1	21.2	20.6	20.1
60°	43.4	35.3	31.0	28.0	25.4	23.1	22.7	22.5	22.3	21.9	21.0
57.5°	37.2	32.2	28.9	28.2	27.1	25.5	25.1	25.0	24.1	22.6	21.9
55°	35.5	34.3	32.9	33.5	33.5	32.2	30.3	29.0	27.8	26.7	26.8
52.5°	39.6	42.2	43.7	43.5	41.4	38.3	34.7	35.2	35.9	36.5	37.1
50°	52.8	56.1	56.0	51.5	51.1	49.4	45.2	47.1	49.8	50.4	50.8
47.5°	73.3	76.5	78.6	70.5	71.9	76.3	71.7	70.4	79.1	83.0	84.9
45°	106.9	119.9	123.7	126.1	122.6	134.0	134.1	128.9	145.8	155.0	158.2
42.5°	178.0	200.1	217.6	222.7	218.6	232.8	243.6	242.8	264.2	279.3	283.3
40°	297.9	318.8	343.8	353.1	357.2	370.2	397.6	415.2	436.7	460.5	472.5
37.5°	451.8	484.4	489.6	508.7	532.8	544.9	586.6	622.2	651.4	695.8	724.3
35°	677.2	763.4	670.5	714.6	775.6	782.6	820.5	902.8	923.3	1001.1	1044.1
32.5°	1093.0	1253.5	1232.4	1083.2	1214.3	1363.2	1197.4	1492.3	1465.9	1548.9	1654.4
30°	1725.0	2191.6	2243.3	2025.1	2389.3	2586.8	2555.1	2848.9	3037.2	3013.9	3379.3
27.5°	3077.5	3451.6	3621.5	3934.8	4131.5	4422.8	4935.8	5234.7	5772.2	6054.2	6392.5
25°	4541.3	4983.6	5529.5	6068.2	6477.5	7123.3	7843.2	8409.2	9169.9	9647.2	9995.1
22.5°	6123.5	6904.8	7664.8	8415.4	9241.6	10130.9	10980.2	11961.0	12886.9	13570.6	14087.5
20°	7858.2	8939.4	10014.4	11044.8	12075.5	13264.7	14316.4	15495.1	16632.5	17621.2	18302.1
17.5°	10002.6	11133.1	12505.9	13884.6	15219.9	16692.6	18245.9	19567.6	21162.6	22479.7	23470.5
15°	12338.1	13753.9	15252.1	16976.6	18780.0	20602.1	22486.1	24429.2	26244.9	27929.0	29190.4
12.5°	14749.8	16512.0	18337.6	20247.0	22338.1	24605.8	26973.3	29286.0	31530.9	33382.0	35112.8
10°	17066.4	19268.8	21387.1	23624.5	26032.6	28569.4	31341.8	34096.7	36705.8	38986.1	40848.5
7.5°	19096.2	21487.3	23931.2	26674.7	29533.0	32375.8	35379.5	38469.7	41439.4	44067.8	46245.1
5°	21004.3	23498.9	25974.8	28926.4	32080.1	35342.3	38743.1	42214.4	45420.6	48392.1	50803.5
2.5°	22492.1	25115.9	27661.8	30898.0	34226.0	37548.2	41016.0	44811.3	48387.8	51617.9	53983.9
0°	23400.5	25990.7	28450.6	31923.5	35346.7	38834.1	42658.3	46697.6	50464.0	53558.6	55863.5
-2.5°	23086.3	25613.5	28282.1	31693.6	35312.5	38800.4	42669.1	46745.5	50487.4	53632.1	55882.9
-5°	22655.0	25132.5	27833.4	31246.8	34778.8	38262.7	42076.9	46085.7	49760.7	52854.3	54986.0
-7.5°	22124.6	24515.9	27149.6	30460.1	33972.4	37460.4	41173.3	44966.3	48481.0	51556.1	53562.0
-10°	21497.6	23764.6	26370.1	29554.1	33039.6	36402.0	39929.9	43686.6	47213.9	50010.4	52163.3
-12.5°	20847.2	23055.7	25475.4	28487.9	31824.6	34950.6	38318.9	41936.5	45044.1	47904.0	49795.9
-15°	20102.2	22220.3	24489.2	27265.9	30290.1	33216.0	36141.9	39332.0	42167.6	44710.6	46720.9
-17.5°	19240.1	21246.9	23238.2	25734.9	28630.4	31243.8	33805.5	36583.4	39104.2	41439.0	43179.5
-20°	18049.3	19700.7	21614.1	24002.6	26510.9	28715.2	31052.6	33386.1	35630.3	37606.7	39080.5



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	16343.7	17950.6	19723.1	21676.6	23775.2	25800.0	27800.7	29710.0	31535.9	33180.6	34366.9
-25°	14528.1	15995.8	17595.9	19219.7	20895.4	22709.2	24464.0	26040.0	27541.4	28812.2	29789.3
-27.5°	12724.3	14112.2	15511.1	16821.6	18161.9	19676.9	21212.8	22532.3	23803.9	24799.4	25561.2
-30°	11113.0	12596.8	13828.5	14720.2	16019.1	17348.2	18343.9	19544.5	20546.4	21181.6	22000.2
-32.5°	10225.1	11344.3	12461.0	13377.8	14409.8	15576.0	16519.0	17499.8	18345.3	19028.0	19542.8
-35°	9415.2	10398.5	11342.2	12285.3	13206.8	14143.6	15012.8	15840.7	16590.6	17194.3	17671.3
-37.5°	8687.5	9538.7	10392.9	11206.6	12034.4	12817.3	13563.5	14277.6	14908.1	15452.2	15901.8
-40°	7952.9	8713.3	9464.5	10200.3	10924.2	11563.4	12204.9	12794.9	13327.0	13808.5	14201.6
-42.5°	7215.2	7893.7	8551.7	9219.2	9861.6	10416.3	10946.0	11433.7	11890.0	12300.4	12639.5
-45°	6490.0	7089.2	7669.0	8261.6	8803.3	9308.9	9770.7	10181.3	10573.3	10919.2	11204.3
-47.5°	5836.4	6324.4	6841.8	7347.6	7817.8	8273.2	8677.0	9038.5	9382.4	9675.3	9907.9
-50°	5229.0	5674.5	6110.7	6520.5	6959.8	7359.0	7700.7	8033.9	8346.7	8608.0	8804.3
-52.5°	4657.8	5068.9	5461.1	5843.5	6224.7	6579.9	6907.7	7212.3	7485.6	7725.1	7895.1
-55°	4205.7	4541.6	4859.3	5227.2	5577.1	5892.9	6186.5	6482.2	6745.6	6978.2	7120.3
-57.5°	3777.6	4080.8	4383.2	4701.2	5009.0	5305.7	5584.4	5843.5	6086.2	6303.9	6426.2
-60°	3395.6	3640.3	3927.9	4221.3	4500.3	4765.1	5026.7	5269.8	5495.3	5684.8	5792.9
-62.5°	3075.6	3308.1	3551.4	3796.4	4037.9	4284.3	4521.7	4747.5	4961.6	5134.2	5239.3
-65°	2793.4	3003.9	3216.6	3433.6	3653.6	3870.6	4072.8	4271.1	4464.6	4612.5	4707.2
-67.5°	2527.8	2708.9	2887.6	3072.3	3261.8	3449.0	3627.3	3803.1	3975.4	4094.7	4168.9
-70°	2236.7	2396.6	2550.5	2706.0	2860.8	3012.9	3160.3	3307.2	3452.5	3548.3	3611.7
-72.5°	1914.1	2047.6	2172.5	2296.7	2423.3	2548.3	2669.5	2787.3	2901.1	2975.3	3030.1
-75°	1565.6	1667.5	1764.5	1862.5	1960.5	2062.1	2162.2	2258.2	2349.6	2405.1	2447.8
-77.5°	1211.0	1283.0	1351.4	1420.4	1489.2	1567.9	1647.6	1725.0	1799.4	1838.7	1868.0
-80°	855.1	905.7	952.4	997.1	1039.5	1089.7	1140.3	1189.2	1236.2	1258.6	1275.2
-82.5°	535.7	565.3	593.1	619.5	644.2	671.1	696.7	720.4	742.3	753.1	761.2
-85°	278.7	291.6	303.5	314.5	324.6	337.0	348.7	359.6	369.7	373.0	375.1
-87.5°	104.0	107.9	111.6	115.2	118.7	123.4	128.0	132.4	136.8	138.0	138.9
-90°	6.2	6.2	6.2	6.2	6.2	5.7	5.2	4.6	4.1	4.1	4.1



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	30.5	31.0	31.0	31.0	31.0	31.0	30.5	30.0	29.4	28.9	28.4
87.5°	14.4	12.4	11.3	10.3	11.3	12.4	14.4	16.4	18.3	20.1	17.5
85°	26.2	22.6	21.7	20.7	21.7	22.6	26.2	29.6	32.9	36.0	32.5
82.5°	27.9	26.9	26.9	26.9	26.9	26.9	27.9	29.0	30.3	31.7	33.3
80°	34.0	33.0	33.1	33.1	33.1	33.0	34.0	34.8	35.7	36.7	40.2
77.5°	38.1	37.2	37.2	37.2	37.2	37.2	38.1	39.0	39.9	41.3	46.5
75°	36.4	35.2	35.1	35.1	35.1	35.2	36.4	37.5	38.7	40.8	46.4
72.5°	31.9	31.2	31.0	31.0	31.0	31.2	31.9	32.7	33.7	35.7	40.6
70°	27.8	27.1	26.9	26.9	26.9	27.1	27.8	28.6	29.4	30.9	33.8
67.5°	25.0	24.9	24.8	24.8	24.8	24.9	25.0	25.3	25.7	26.7	28.5
65°	21.1	20.9	20.7	20.7	20.7	20.9	21.1	21.4	21.7	22.8	24.4
62.5°	19.5	18.8	17.7	16.5	17.7	18.8	19.5	20.1	20.6	21.2	22.1
60°	20.0	18.9	18.6	18.6	18.6	18.9	20.0	21.0	21.9	22.3	22.5
57.5°	21.3	20.8	20.7	20.7	20.7	20.8	21.3	21.9	22.6	24.1	25.0
55°	26.9	26.7	26.8	26.9	26.8	26.7	26.9	26.8	26.7	27.8	29.0
52.5°	37.3	37.0	37.0	37.2	37.0	37.0	37.3	37.1	36.5	35.9	35.2
50°	51.3	51.3	50.7	49.6	50.7	51.3	51.3	50.8	50.4	49.8	47.1
47.5°	86.2	84.9	83.5	82.7	83.5	84.9	86.2	84.9	83.0	79.1	70.4
45°	161.9	160.7	158.3	157.1	158.3	160.7	161.9	158.2	155.0	145.8	128.9
42.5°	290.0	287.6	282.2	279.1	282.2	287.6	290.0	283.3	279.3	264.2	242.8
40°	486.0	488.6	484.4	481.7	484.4	488.6	486.0	472.5	460.5	436.7	415.2
37.5°	747.0	757.9	756.5	752.5	756.5	757.9	747.0	724.3	695.8	651.4	622.2
35°	1063.8	1075.9	1069.7	1068.7	1069.7	1075.9	1063.8	1044.1	1001.1	923.3	902.8
32.5°	1575.2	1557.3	1490.7	1509.0	1490.7	1557.3	1575.2	1654.4	1548.9	1465.9	1492.3
30°	3403.9	3469.4	3282.9	3133.8	3282.9	3469.4	3403.9	3379.3	3013.9	3037.2	2848.9
27.5°	6425.9	6567.1	6540.7	6693.5	6540.7	6567.1	6425.9	6392.5	6054.2	5772.2	5234.7
25°	10131.6	10225.2	10231.2	9955.5	10231.2	10225.2	10131.6	9995.1	9647.2	9169.9	8409.2
22.5°	14278.9	14369.2	14534.0	14534.3	14534.0	14369.2	14278.9	14087.5	13570.6	12886.9	11961.0
20°	18775.6	18792.1	19106.8	19129.7	19106.8	18792.1	18775.6	18302.1	17621.2	16632.5	15495.1
17.5°	24167.9	24430.2	24855.7	24607.7	24855.7	24430.2	24167.9	23470.5	22479.7	21162.6	19567.6
15°	30384.2	30970.1	31425.0	31220.6	31425.0	30970.1	30384.2	29190.4	27929.0	26244.9	24429.2
12.5°	36488.9	37412.4	37852.2	37744.7	37852.2	37412.4	36488.9	35112.8	33382.0	31530.9	29286.0
10°	42299.7	43599.7	44066.7	44231.5	44066.7	43599.7	42299.7	40848.5	38986.1	36705.8	34096.7
7.5°	47870.5	49061.6	49769.6	49473.8	49769.6	49061.6	47870.5	46245.1	44067.8	41439.4	38469.7
5°	52341.4	53347.5	53919.3	53715.7	53919.3	53347.5	52341.4	50803.5	48392.1	45420.6	42214.4
2.5°	55507.7	56447.2	56942.9	56693.5	56942.9	56447.2	55507.7	53983.9	51617.9	48387.8	44811.3
0°	57316.7	58273.8	58835.1	58875.4	58835.1	58273.8	57316.7	55863.5	53558.6	50464.0	46697.6
-2.5°	57246.0	57922.2	58316.6	58115.7	58316.6	57922.2	57246.0	55882.9	53632.1	50487.4	46745.5
-5°	56047.6	56618.6	56823.5	56735.8	56823.5	56618.6	56047.6	54986.0	52854.3	49760.7	46085.7
-7.5°	54569.1	54990.1	55130.9	55026.3	55130.9	54990.1	54569.1	53562.0	51556.1	48481.0	44966.3
-10°	53138.7	53559.4	53630.7	53571.0	53630.7	53559.4	53138.7	52163.3	50010.4	47213.9	43686.6
-12.5°	51056.1	51512.1	51526.9	51388.0	51526.9	51512.1	51056.1	49795.9	47904.0	45044.1	41936.5
-15°	47808.0	48180.9	48241.0	48163.2	48241.0	48180.9	47808.0	46720.9	44710.6	42167.6	39332.0
-17.5°	44197.7	44444.5	44712.1	45010.8	44712.1	44444.5	44197.7	43179.5	41439.0	39104.2	36583.4
-20°	39862.9	40158.2	40474.0	40808.2	40474.0	40158.2	39862.9	39080.5	37606.7	35630.3	33386.1



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	34991.2	35323.1	35646.9	35816.0	35646.9	35323.1	34991.2	34366.9	33180.6	31535.9	29710.0
-25°	30278.7	30682.8	30938.5	31092.5	30938.5	30682.8	30278.7	29789.3	28812.2	27541.4	26040.0
-27.5°	25958.6	26437.6	26673.5	26774.1	26673.5	26437.6	25958.6	25561.2	24799.4	23803.9	22532.3
-30°	22319.9	22614.1	22654.8	22807.2	22654.8	22614.1	22319.9	22000.2	21181.6	20546.4	19544.5
-32.5°	19921.1	20247.9	20446.5	20613.9	20446.5	20247.9	19921.1	19542.8	19028.0	18345.3	17499.8
-35°	18041.6	18337.7	18532.5	18612.9	18532.5	18337.7	18041.6	17671.3	17194.3	16590.6	15840.7
-37.5°	16240.2	16463.9	16600.1	16709.0	16600.1	16463.9	16240.2	15901.8	15452.2	14908.1	14277.6
-40°	14503.4	14725.2	14859.9	14896.1	14859.9	14725.2	14503.4	14201.6	13808.5	13327.0	12794.9
-42.5°	12882.3	13053.2	13170.4	13250.6	13170.4	13053.2	12882.3	12639.5	12300.4	11890.0	11433.7
-45°	11414.4	11565.0	11669.3	11733.3	11669.3	11565.0	11414.4	11204.3	10919.2	10573.3	10181.3
-47.5°	10079.2	10200.4	10283.5	10331.8	10283.5	10200.4	10079.2	9907.9	9675.3	9382.4	9038.5
-50°	8950.7	9058.9	9135.7	9182.4	9135.7	9058.9	8950.7	8804.3	8608.0	8346.7	8033.9
-52.5°	8027.9	8133.2	8210.5	8260.5	8210.5	8133.2	8027.9	7895.1	7725.1	7485.6	7212.3
-55°	7238.2	7334.9	7404.9	7450.1	7404.9	7334.9	7238.2	7120.3	6978.2	6745.6	6482.2
-57.5°	6530.1	6615.5	6674.8	6712.1	6674.8	6615.5	6530.1	6426.2	6303.9	6086.2	5843.5
-60°	5885.2	5962.1	6016.7	6054.8	6016.7	5962.1	5885.2	5792.9	5684.8	5495.3	5269.8
-62.5°	5332.3	5413.2	5456.5	5480.1	5456.5	5413.2	5332.3	5239.3	5134.2	4961.6	4747.5
-65°	4794.2	4872.2	4914.3	4938.5	4914.3	4872.2	4794.2	4707.2	4612.5	4464.6	4271.1
-67.5°	4234.4	4290.6	4333.5	4365.9	4333.5	4290.6	4234.4	4168.9	4094.7	3975.4	3803.1
-70°	3666.3	3711.7	3713.2	3700.3	3713.2	3711.7	3666.3	3611.7	3548.3	3452.5	3307.2
-72.5°	3077.6	3117.5	3127.9	3127.6	3127.9	3117.5	3077.6	3030.1	2975.3	2901.1	2787.3
-75°	2484.5	2515.1	2535.6	2548.8	2535.6	2515.1	2484.5	2447.8	2405.1	2349.6	2258.2
-77.5°	1892.0	1910.4	1927.5	1939.0	1927.5	1910.4	1892.0	1868.0	1838.7	1799.4	1725.0
-80°	1287.7	1296.3	1298.3	1296.1	1298.3	1296.3	1287.7	1275.2	1258.6	1236.2	1189.2
-82.5°	767.1	770.7	766.9	760.7	766.9	770.7	767.1	761.2	753.1	742.3	720.4
-85°	376.3	376.5	375.8	374.2	375.8	376.5	376.3	375.1	373.0	369.7	359.6
-87.5°	139.7	140.2	142.5	144.7	142.5	140.2	139.7	138.9	138.0	136.8	132.4
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.6



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	27.9	27.4	26.9	25.9	24.8	23.8	22.7	21.7	20.7	19.6	18.6
87.5°	14.9	12.3	9.9	10.3	10.7	11.0	11.3	10.7	10.1	9.6	9.1
85°	29.0	25.5	22.1	22.5	22.7	22.9	22.9	22.5	21.8	20.9	19.8
82.5°	34.5	35.1	35.5	38.1	40.1	41.5	42.3	42.5	41.9	40.5	38.2
80°	43.4	46.2	49.2	54.7	59.5	63.5	66.6	68.6	69.9	70.3	68.3
77.5°	51.4	56.0	61.1	69.4	77.1	84.1	90.2	93.9	95.9	97.1	94.6
75°	52.1	58.0	65.8	77.4	88.5	98.9	106.5	111.5	115.7	119.2	116.5
72.5°	45.9	51.6	60.9	75.2	90.0	103.0	114.1	123.5	131.2	137.0	132.2
70°	37.4	41.6	50.4	63.7	77.8	92.5	108.4	124.8	141.6	152.5	143.8
67.5°	30.6	32.9	39.6	49.9	62.3	76.2	92.4	111.0	129.1	146.6	143.4
65°	26.1	27.9	32.5	39.5	48.4	59.1	71.5	87.0	106.2	126.0	127.8
62.5°	23.3	24.6	27.7	32.1	37.7	44.6	54.3	67.2	82.1	94.4	100.8
60°	22.7	23.1	25.4	28.0	31.0	35.3	43.4	52.4	62.3	72.8	78.3
57.5°	25.1	25.5	27.1	28.2	28.9	32.2	37.2	42.9	51.9	58.5	62.6
55°	30.3	32.2	33.5	33.5	32.9	34.3	35.5	38.6	45.2	51.4	57.1
52.5°	34.7	38.3	41.4	43.5	43.7	42.2	39.6	40.6	44.3	50.5	55.6
50°	45.2	49.4	51.1	51.5	56.0	56.1	52.8	48.6	54.6	57.6	57.8
47.5°	71.7	76.3	71.9	70.5	78.6	76.5	73.3	73.0	80.1	74.3	71.9
45°	134.1	134.0	122.6	126.1	123.7	119.9	106.9	118.1	120.1	113.5	93.7
42.5°	243.6	232.8	218.6	222.7	217.6	200.1	178.0	183.8	180.1	165.7	154.0
40°	397.6	370.2	357.2	353.1	343.8	318.8	297.9	268.0	258.2	236.5	232.8
37.5°	586.6	544.9	532.8	508.7	489.6	484.4	451.8	397.3	349.3	370.1	343.6
35°	820.5	782.6	775.6	714.6	670.5	763.4	677.2	569.0	544.2	595.1	508.1
32.5°	1197.4	1363.2	1214.3	1083.2	1232.4	1253.5	1093.0	835.3	962.3	959.7	801.8
30°	2555.1	2586.8	2389.3	2025.1	2243.3	2191.6	1725.0	1663.2	1627.0	1455.9	1190.4
27.5°	4935.8	4422.8	4131.5	3934.8	3621.5	3451.6	3077.5	2691.1	2474.8	2161.9	1744.0
25°	7843.2	7123.3	6477.5	6068.2	5529.5	4983.6	4541.3	3995.6	3527.4	3025.9	2439.8
22.5°	10980.2	10130.9	9241.6	8415.4	7664.8	6904.8	6123.5	5344.9	4681.3	4029.2	3283.4
20°	14316.4	13264.7	12075.5	11044.8	10014.4	8939.4	7858.2	6918.4	6057.4	5135.5	4191.4
17.5°	18245.9	16692.6	15219.9	13884.6	12505.9	11133.1	10002.6	8820.5	7566.7	6300.5	5134.3
15°	22486.1	20602.1	18780.0	16976.6	15252.1	13753.9	12338.1	10834.4	9216.8	7592.7	6206.1
12.5°	26973.3	24605.8	22338.1	20247.0	18337.6	16512.0	14749.8	12942.2	10980.7	9054.8	7462.8
10°	31341.8	28569.4	26032.6	23624.5	21387.1	19268.8	17066.4	14879.2	12660.5	10496.3	8676.0
7.5°	35379.5	32375.8	29533.0	26674.7	23931.2	21487.3	19096.2	16694.2	14267.4	11861.5	9837.6
5°	38743.1	35342.3	32080.1	28926.4	25974.8	23498.9	21004.3	18412.2	15780.6	13139.7	10936.5
2.5°	41016.0	37548.2	34226.0	30898.0	27661.8	25115.9	22492.1	19717.2	16837.3	13983.4	11650.2
0°	42658.3	38834.1	35346.7	31923.5	28450.6	25990.7	23400.5	20624.3	17593.8	14650.1	12285.3
-2.5°	42669.1	38800.4	35312.5	31693.6	28282.1	25613.5	23086.3	20398.1	17596.5	14769.2	12430.2
-5°	42076.9	38262.7	34778.8	31246.8	27833.4	25132.5	22655.0	20085.7	17470.0	14782.4	12488.6
-7.5°	41173.3	37460.4	33972.4	30460.1	27149.6	24515.9	22124.6	19716.9	17240.0	14704.4	12467.8
-10°	39929.9	36402.0	33039.6	29554.1	26370.1	23764.6	21497.6	19259.8	16913.5	14521.5	12368.0
-12.5°	38318.9	34950.6	31824.6	28487.9	25475.4	23055.7	20847.2	18719.7	16509.2	14237.2	12192.9
-15°	36141.9	33216.0	30290.1	27265.9	24489.2	22220.3	20102.2	18028.3	15847.2	13749.4	11946.6
-17.5°	33805.5	31243.8	28630.4	25734.9	23238.2	21246.9	19240.1	17163.1	15008.6	12951.1	11297.0
-20°	31052.6	28715.2	26510.9	24002.6	21614.1	19700.7	18049.3	16158.2	14001.3	12085.9	10517.6



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	27800.7	25800.0	23775.2	21676.6	19723.1	17950.6	16343.7	14711.7	12821.6	11088.4	9663.9
-25°	24464.0	22709.2	20895.4	19219.7	17595.9	15995.8	14528.1	13028.7	11533.4	10050.8	8755.0
-27.5°	21212.8	19676.9	18161.9	16821.6	15511.1	14112.2	12724.3	11443.1	10288.9	9101.5	7881.4
-30°	18343.9	17348.2	16019.1	14720.2	13828.5	12596.8	11113.0	10197.5	9278.9	8254.2	7168.6
-32.5°	16519.0	15576.0	14409.8	13377.8	12461.0	11344.3	10225.1	9148.9	8412.0	7530.8	6623.6
-35°	15012.8	14143.6	13206.8	12285.3	11342.2	10398.5	9415.2	8514.1	7674.2	6877.6	6109.9
-37.5°	13563.5	12817.3	12034.4	11206.6	10392.9	9538.7	8687.5	7858.5	7036.4	6324.0	5643.4
-40°	12204.9	11563.4	10924.2	10200.3	9464.5	8713.3	7952.9	7184.8	6473.3	5798.6	5188.6
-42.5°	10946.0	10416.3	9861.6	9219.2	8551.7	7893.7	7215.2	6542.3	5906.8	5314.1	4753.5
-45°	9770.7	9308.9	8803.3	8261.6	7669.0	7089.2	6490.0	5919.3	5366.0	4838.5	4312.3
-47.5°	8677.0	8273.2	7817.8	7347.6	6841.8	6324.4	5836.4	5325.3	4845.9	4362.3	3907.9
-50°	7700.7	7359.0	6959.8	6520.5	6110.7	5674.5	5229.0	4768.0	4347.8	3941.1	3524.1
-52.5°	6907.7	6579.9	6224.7	5843.5	5461.1	5068.9	4657.8	4289.2	3915.0	3552.9	3185.6
-55°	6186.5	5892.9	5577.1	5227.2	4859.3	4541.6	4205.7	3863.3	3528.4	3191.5	2889.3
-57.5°	5584.4	5305.7	5009.0	4701.2	4383.2	4080.8	3777.6	3466.0	3175.5	2895.8	2615.2
-60°	5026.7	4765.1	4500.3	4221.3	3927.9	3640.3	3395.6	3137.4	2865.7	2627.9	2389.1
-62.5°	4521.7	4284.3	4037.9	3796.4	3551.4	3308.1	3075.6	2848.1	2617.6	2391.1	2187.6
-65°	4072.8	3870.6	3653.6	3433.6	3216.6	3003.9	2793.4	2588.1	2392.2	2202.1	2004.2
-67.5°	3627.3	3449.0	3261.8	3072.3	2887.6	2708.9	2527.8	2349.4	2170.0	1995.0	1810.4
-70°	3160.3	3012.9	2860.8	2706.0	2550.5	2396.6	2236.7	2075.6	1919.4	1764.8	1601.3
-72.5°	2669.5	2548.3	2423.3	2296.7	2172.5	2047.6	1914.1	1774.5	1639.5	1510.0	1376.2
-75°	2162.2	2062.1	1960.5	1862.5	1764.5	1667.5	1565.6	1454.6	1346.2	1240.9	1133.5
-77.5°	1647.6	1567.9	1489.2	1420.4	1351.4	1283.0	1211.0	1126.6	1043.4	961.5	877.9
-80°	1140.3	1089.7	1039.5	997.1	952.4	905.7	855.1	794.1	733.6	677.5	624.1
-82.5°	696.7	671.1	644.2	619.5	593.1	565.3	535.7	500.6	465.5	430.6	395.3
-85°	348.7	337.0	324.6	314.5	303.5	291.6	278.7	263.0	246.4	229.0	210.6
-87.5°	128.0	123.4	118.7	115.2	111.6	107.9	104.0	98.4	92.7	87.0	81.4
-90°	5.2	5.7	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	18.1	17.6	17.0	16.5	16.0	15.5	15.0	14.5	14.0	13.5	12.9
87.5°	10.9	12.6	14.1	15.4	14.7	14.0	13.3	12.7	12.6	12.5	12.3
85°	20.2	20.9	21.8	22.8	21.4	19.6	18.3	17.0	17.0	16.8	16.3
82.5°	34.6	32.8	31.8	31.2	30.6	29.5	27.6	25.1	22.4	21.0	20.4
80°	60.9	54.2	48.4	43.5	40.6	39.4	38.0	35.2	29.4	25.4	23.2
77.5°	84.6	75.5	67.2	59.0	51.9	47.1	44.4	42.8	36.1	29.5	25.2
75°	105.7	93.8	82.7	72.1	62.1	54.0	48.2	44.1	38.6	33.1	27.0
72.5°	119.6	107.6	96.1	83.8	70.8	60.0	51.5	45.3	39.6	34.0	28.3
70°	130.3	118.5	106.3	92.3	78.3	65.2	54.5	47.0	40.6	34.8	29.1
67.5°	137.5	123.3	111.1	99.2	84.8	70.4	57.0	48.8	42.2	35.6	29.7
65°	123.4	118.6	112.7	100.2	88.1	75.3	60.9	51.2	43.8	37.0	30.3
62.5°	105.0	105.7	102.1	98.1	88.4	76.4	64.7	55.0	45.5	38.2	31.3
60°	82.2	87.1	90.4	88.9	84.8	76.1	66.1	58.5	48.6	39.4	32.3
57.5°	68.0	70.0	75.1	78.8	77.6	72.8	66.9	60.2	51.4	41.5	33.3
55°	58.9	61.9	63.9	66.9	69.7	67.3	66.4	61.2	53.7	43.7	34.7
52.5°	58.6	59.7	60.1	59.2	60.5	62.6	63.6	62.3	54.8	45.7	37.1
50°	61.0	66.3	62.9	58.7	54.1	57.4	61.1	60.6	55.8	47.3	39.5
47.5°	72.1	79.5	75.1	63.1	56.0	53.1	57.9	58.7	56.9	48.4	42.0
45°	101.7	100.6	93.8	79.2	61.5	56.9	55.1	57.2	55.7	50.9	44.5
42.5°	142.2	136.4	121.9	98.4	86.0	64.8	53.0	55.5	54.5	53.9	47.0
40°	213.3	183.3	158.5	143.9	122.8	75.2	60.8	54.3	54.0	56.7	49.9
37.5°	296.6	251.7	208.6	209.6	173.2	117.1	70.9	53.7	57.2	59.2	52.9
35°	418.1	338.9	312.3	298.8	245.8	166.3	82.4	57.7	61.8	62.4	56.1
32.5°	557.8	508.7	490.8	411.9	330.7	222.7	116.4	74.2	67.7	66.3	59.5
30°	887.3	809.0	725.3	542.8	431.9	302.1	172.1	91.0	74.8	70.9	63.0
27.5°	1418.5	1165.0	1013.9	755.3	555.8	392.8	242.0	108.2	83.0	76.3	66.6
25°	1991.8	1635.9	1358.4	1024.0	691.0	533.1	320.4	127.4	95.8	82.9	70.4
22.5°	2639.3	2145.0	1740.2	1325.0	905.7	696.0	421.4	188.9	110.4	90.1	74.6
20°	3295.8	2661.6	2174.2	1696.3	1185.6	881.0	548.3	254.0	124.9	97.8	78.9
17.5°	3982.4	3318.3	2767.2	2120.6	1499.2	1075.9	685.8	321.5	139.2	105.9	83.4
15°	5032.4	4154.2	3403.9	2583.5	1810.0	1277.8	830.5	390.0	153.1	114.3	92.6
12.5°	6123.7	5005.4	4067.9	3073.3	2115.0	1483.5	979.1	458.2	166.7	131.7	107.8
10°	7187.4	5860.6	4746.5	3577.4	2410.7	1689.3	1128.0	548.1	207.7	156.6	123.2
7.5°	8214.2	6707.5	5425.5	4081.6	2717.5	1959.7	1397.7	687.9	254.0	181.8	138.8
5°	9137.5	7450.5	6066.6	4610.6	3135.9	2292.9	1685.8	826.9	301.0	207.1	154.2
2.5°	9758.3	8017.2	6656.1	5104.6	3535.2	2613.4	1965.6	960.9	347.6	232.1	169.3
0°	10309.0	8529.2	7197.9	5552.4	3911.1	2918.9	2228.4	1085.3	392.8	256.3	184.0
-2.5°	10448.3	8655.9	7365.2	5826.3	4227.5	3198.1	2465.7	1277.4	539.2	346.9	241.5
-5°	10514.5	8739.9	7490.1	6055.1	4514.2	3458.3	2674.5	1452.8	680.4	435.0	297.5
-7.5°	10528.6	8807.2	7556.7	6219.6	4769.3	3698.0	2852.2	1609.3	813.7	519.2	351.3
-10°	10480.4	8834.3	7538.5	6176.9	4785.2	3796.8	2970.9	1744.3	936.4	598.2	401.9
-12.5°	10368.2	8799.3	7475.6	6081.8	4728.4	3760.2	2894.2	1795.5	1041.9	670.7	448.7
-15°	10195.3	8698.0	7368.2	5932.5	4635.7	3699.5	2807.3	1803.4	1106.3	734.3	490.9
-17.5°	9875.2	8527.0	7216.9	5727.8	4505.9	3613.8	2714.7	1800.5	1161.5	789.0	531.1
-20°	9195.8	8092.3	7009.0	5466.7	4338.3	3502.2	2620.6	1788.1	1206.9	836.4	568.6



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	8474.6	7477.4	6455.3	5237.3	4161.5	3363.9	2528.7	1767.2	1242.1	875.8	600.7
-25°	7700.7	6852.9	5873.3	4862.2	3990.3	3220.7	2459.4	1739.2	1266.9	906.8	626.9
-27.5°	6976.1	6223.2	5326.2	4492.1	3747.9	3093.6	2405.7	1756.9	1287.3	928.9	646.9
-30°	6285.2	5631.9	4888.1	4150.8	3502.5	2925.5	2348.5	1763.9	1308.8	947.4	660.3
-32.5°	5786.6	5102.9	4490.2	3871.9	3287.6	2747.8	2238.1	1757.8	1318.3	960.5	670.7
-35°	5392.0	4711.0	4118.7	3596.2	3080.5	2581.1	2107.3	1738.3	1315.6	964.4	675.8
-37.5°	4984.2	4375.0	3823.2	3340.9	2867.5	2407.4	1997.6	1653.4	1300.4	959.1	674.3
-40°	4603.9	4044.0	3547.5	3103.6	2665.1	2227.5	1879.6	1568.4	1282.0	944.5	666.0
-42.5°	4209.9	3722.8	3278.1	2861.6	2462.8	2088.1	1756.8	1477.9	1220.3	925.7	651.1
-45°	3838.7	3398.6	3005.2	2634.8	2263.2	1941.4	1651.0	1384.7	1149.4	900.5	632.6
-47.5°	3461.7	3093.3	2744.6	2404.3	2094.5	1795.7	1539.8	1301.5	1074.9	865.9	612.1
-50°	3125.3	2802.1	2496.4	2204.7	1919.1	1668.4	1428.8	1214.6	1006.8	805.3	585.5
-52.5°	2838.5	2538.8	2273.7	2013.7	1771.2	1535.8	1329.4	1125.4	935.7	748.5	552.8
-55°	2580.2	2304.3	2068.5	1845.4	1627.0	1419.8	1226.4	1043.6	861.8	691.6	515.4
-57.5°	2358.2	2092.7	1888.9	1688.4	1495.7	1307.3	1128.8	959.0	792.4	632.0	481.3
-60°	2149.8	1924.4	1720.1	1546.3	1371.6	1198.7	1033.5	874.6	722.2	571.8	438.6
-62.5°	1976.7	1761.9	1572.4	1411.0	1252.4	1095.0	937.0	793.3	649.4	515.7	391.6
-65°	1804.7	1611.1	1427.4	1284.1	1137.7	989.0	844.9	709.3	578.9	456.8	345.3
-67.5°	1628.7	1455.8	1296.5	1158.6	1017.7	880.7	749.3	624.6	506.6	395.1	304.6
-70°	1442.3	1294.4	1152.4	1018.8	890.9	767.4	648.9	537.4	431.3	342.2	261.9
-72.5°	1239.6	1110.0	988.2	872.1	756.3	647.0	544.3	449.4	364.7	287.3	217.4
-75°	1022.0	913.8	811.0	712.0	614.5	523.1	442.6	367.8	295.9	230.4	177.1
-77.5°	789.0	704.4	624.5	550.4	475.7	406.4	342.7	283.6	228.3	180.7	137.6
-80°	564.4	506.0	449.0	393.1	337.8	287.2	247.2	208.4	167.8	130.7	97.2
-82.5°	353.2	317.6	284.8	253.2	221.7	191.5	162.8	135.3	106.2	79.7	64.2
-85°	190.1	170.1	150.8	132.2	113.1	94.9	85.9	77.1	66.4	56.4	47.3
-87.5°	77.4	73.4	69.2	65.1	60.1	55.3	50.5	45.9	40.2	35.0	30.2
-90°	6.7	7.3	7.8	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.4	11.9	11.4	10.8	10.3	9.3	8.3
87.5°	12.0	11.1	10.3	9.6	9.0	8.6	8.3
85°	15.7	13.8	12.2	10.8	9.7	8.9	8.3
82.5°	19.4	16.6	14.1	12.1	10.4	9.2	8.3
80°	22.6	19.3	16.0	13.3	11.1	9.5	8.3
77.5°	23.0	21.0	17.9	14.5	11.8	9.9	8.3
75°	23.4	21.2	19.4	15.7	12.5	10.2	8.3
72.5°	23.7	21.2	19.3	16.9	13.2	10.5	8.3
70°	24.0	21.2	19.2	17.7	13.8	10.7	8.3
67.5°	24.9	21.2	19.0	17.5	14.5	11.0	8.3
65°	25.7	21.5	18.8	17.3	15.1	11.3	8.3
62.5°	26.4	22.3	18.6	17.0	15.7	11.6	8.3
60°	27.2	23.0	18.3	16.7	16.2	11.8	8.3
57.5°	28.4	23.6	18.8	16.4	16.1	12.1	8.3
55°	29.8	24.3	19.4	16.1	16.0	12.3	8.3
52.5°	31.1	25.0	19.9	15.8	15.9	12.6	8.3
50°	32.4	26.2	20.4	15.4	15.9	12.8	8.3
47.5°	33.9	27.3	20.9	15.2	15.8	13.0	8.3
45°	36.0	28.4	21.4	15.6	15.8	13.2	8.3
42.5°	38.1	29.5	21.8	15.9	15.8	13.4	8.3
40°	40.2	30.6	22.5	16.5	15.9	13.5	8.3
37.5°	42.2	31.7	23.3	17.4	15.9	13.7	8.3
35°	44.2	33.1	24.0	18.3	16.0	13.8	8.3
32.5°	46.3	34.6	24.8	19.2	16.1	14.0	8.3
30°	48.9	36.0	25.5	20.1	16.3	14.1	8.3
27.5°	51.6	37.4	27.5	21.1	16.4	14.2	8.3
25°	54.3	38.7	29.8	22.1	16.6	14.3	8.3
22.5°	57.0	41.0	32.1	23.0	16.8	14.4	8.3
20°	59.6	46.2	34.6	24.0	17.0	14.4	8.3
17.5°	66.5	51.6	37.1	25.0	17.2	14.5	8.3
15°	76.2	57.3	39.6	26.0	17.4	14.5	8.3
12.5°	86.1	63.0	42.1	26.9	17.6	14.6	8.3
10°	96.1	68.8	44.6	27.8	17.8	14.6	8.3
7.5°	106.0	74.6	47.0	28.7	18.0	14.6	8.3
5°	115.8	80.3	49.4	29.5	18.2	14.6	8.3
2.5°	125.3	85.8	51.6	30.3	18.4	14.5	8.3
0°	134.4	91.0	53.7	31.0	18.6	14.5	8.3
-2.5°	169.2	110.5	64.2	35.6	19.9	14.8	8.3
-5°	203.1	129.4	74.3	40.0	21.3	15.0	8.3
-7.5°	235.5	147.5	84.1	44.3	22.5	15.3	8.3
-10°	266.0	164.5	93.3	48.4	23.8	15.5	8.3
-12.5°	294.2	180.3	101.9	52.1	24.9	15.7	8.3
-15°	319.5	194.7	109.7	55.6	26.0	15.8	8.3
-17.5°	341.8	207.4	116.6	58.7	27.0	16.0	8.3
-20°	363.5	218.4	122.6	61.3	28.0	16.1	8.3



REPORT NUMBER: P1306298 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	386.7	227.3	127.5	63.5	28.8	16.3	8.3
-25°	405.8	239.0	131.3	65.2	29.5	16.3	8.3
-27.5°	420.8	250.2	133.9	66.4	30.1	16.4	8.3
-30°	431.3	258.6	135.7	67.0	30.5	16.4	8.3
-32.5°	437.2	264.0	139.9	67.0	30.9	16.4	8.3
-35°	442.0	266.5	142.4	66.5	31.1	16.4	8.3
-37.5°	443.7	267.2	143.2	65.3	31.1	16.3	8.3
-40°	440.8	267.3	142.3	63.5	31.0	16.3	8.3
-42.5°	433.3	264.6	141.0	61.8	30.8	16.1	8.3
-45°	421.3	259.2	139.6	60.6	30.4	16.0	8.3
-47.5°	404.6	251.0	136.8	58.7	29.9	15.8	8.3
-50°	389.2	240.1	132.5	58.1	29.2	15.6	8.3
-52.5°	370.8	226.4	126.8	57.5	28.4	15.4	8.3
-55°	348.6	214.9	119.7	56.2	27.5	15.1	8.3
-57.5°	322.8	202.0	111.2	54.3	26.4	14.8	8.3
-60°	294.5	187.2	101.6	51.7	25.2	14.5	8.3
-62.5°	270.7	170.4	94.8	48.4	24.3	14.2	8.3
-65°	244.3	151.8	87.0	44.7	23.3	13.8	8.3
-67.5°	215.4	134.2	78.1	40.4	22.2	13.4	8.3
-70°	184.4	117.7	68.3	35.6	21.1	13.0	8.3
-72.5°	156.7	99.9	57.7	32.5	19.9	12.6	8.3
-75°	128.2	81.0	46.4	29.7	18.6	12.2	8.3
-77.5°	98.3	61.0	40.0	26.8	17.3	11.7	8.3
-80°	67.1	48.3	34.6	23.8	16.0	11.3	8.3
-82.5°	52.1	39.4	28.9	20.6	14.6	10.8	8.3
-85°	39.0	30.4	23.1	17.4	13.2	10.3	8.3
-87.5°	25.8	21.2	17.3	14.1	11.7	9.8	8.3
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3

(END OF REPORT)