

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: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-80-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

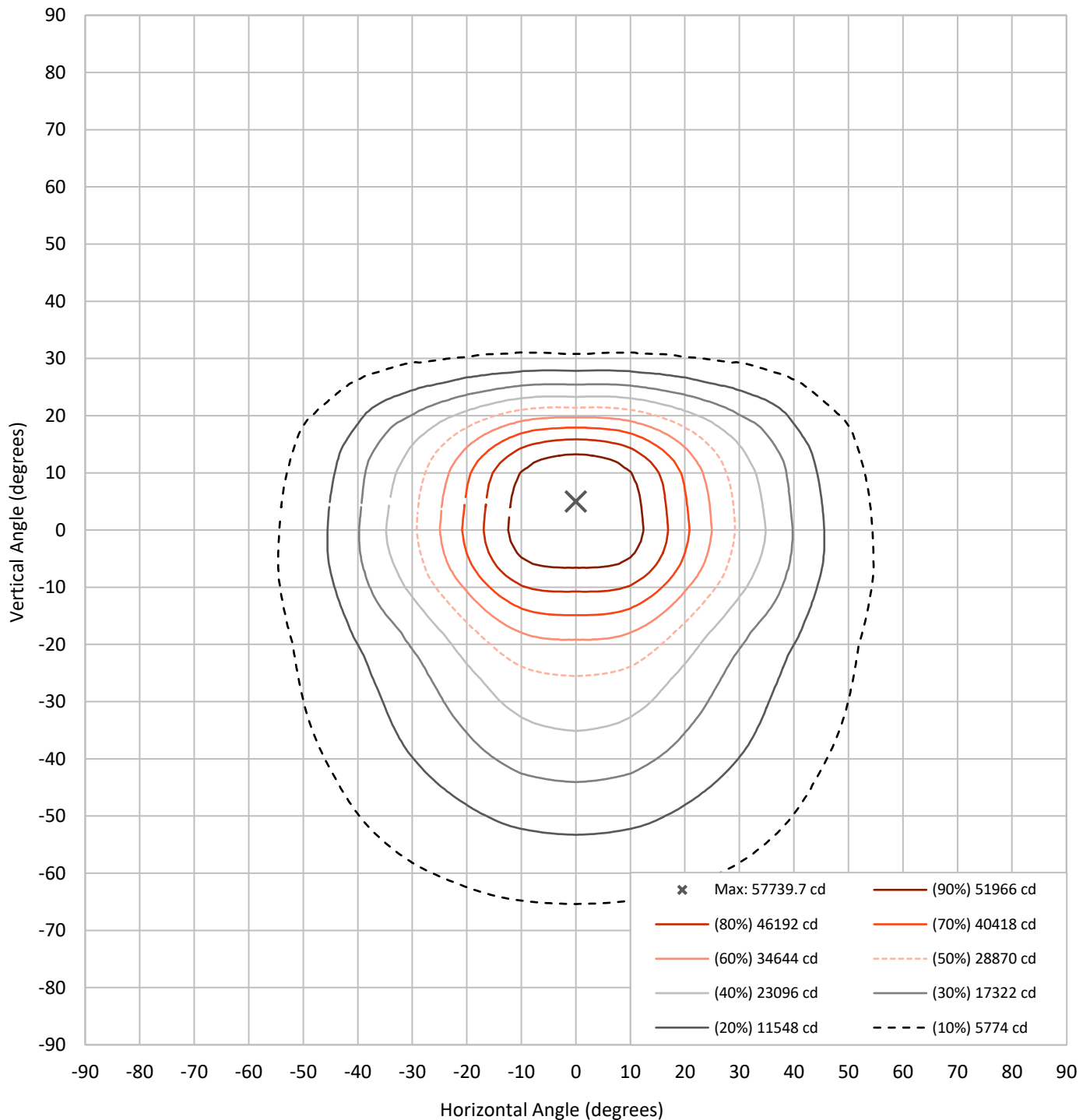
Test Method: LM-79-08
Report Number: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-50-80-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	56575.2 lumens	Max Intensity:	57739.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	82.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	27211.5 lumens	Field Lumens:	52446.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
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		

REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

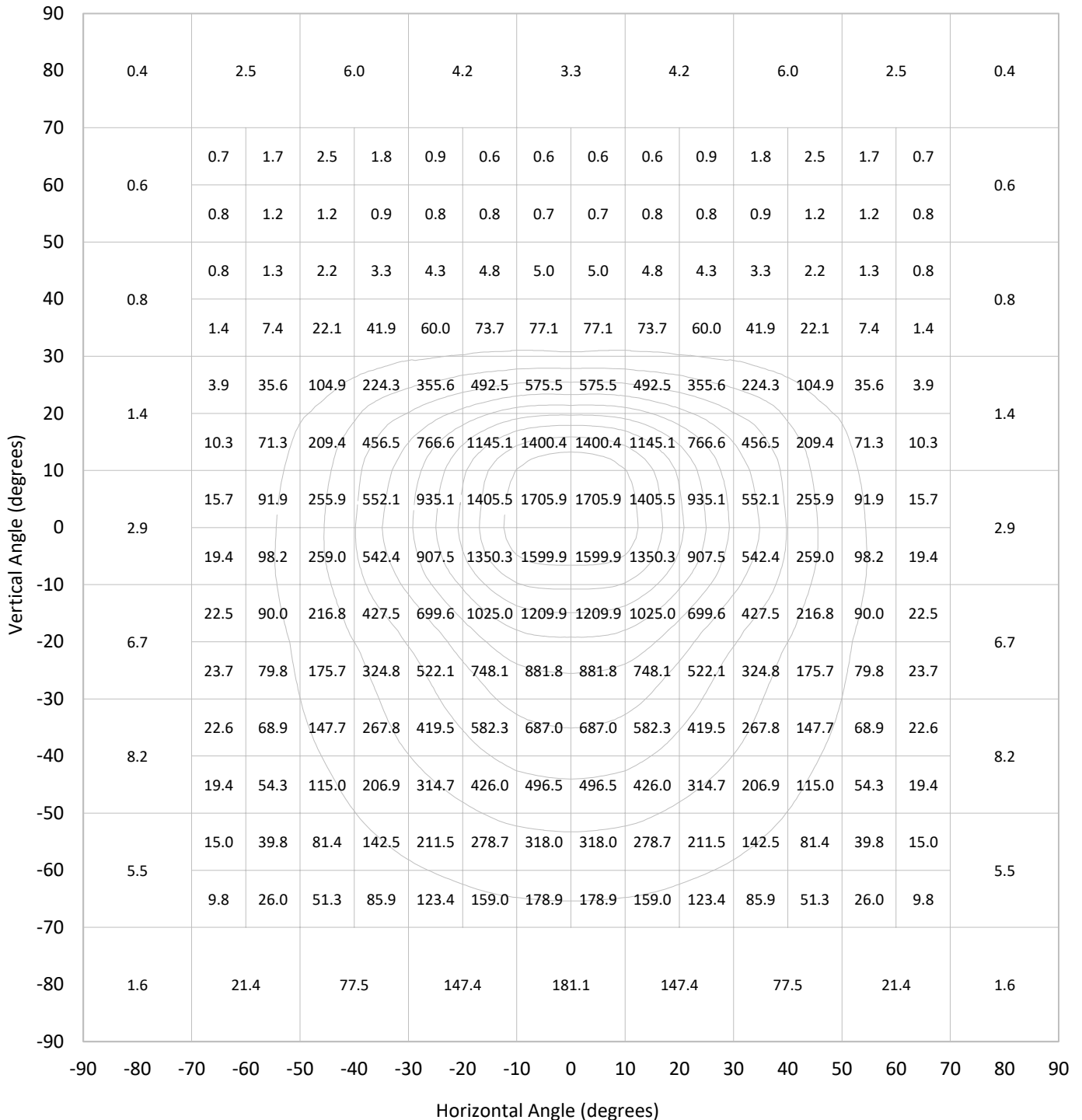
Iso-Candela Plot





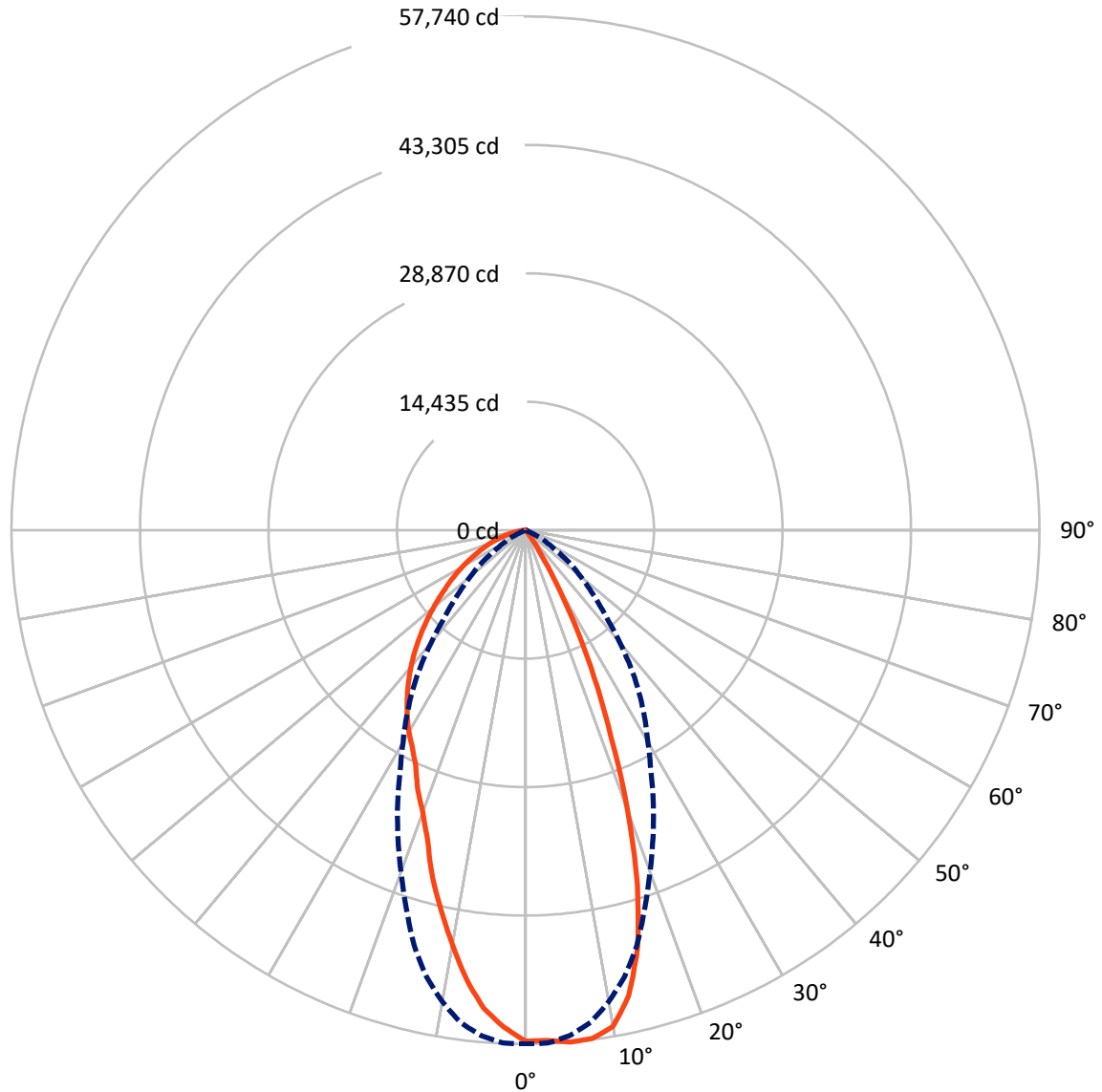
REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

Lumen Table



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

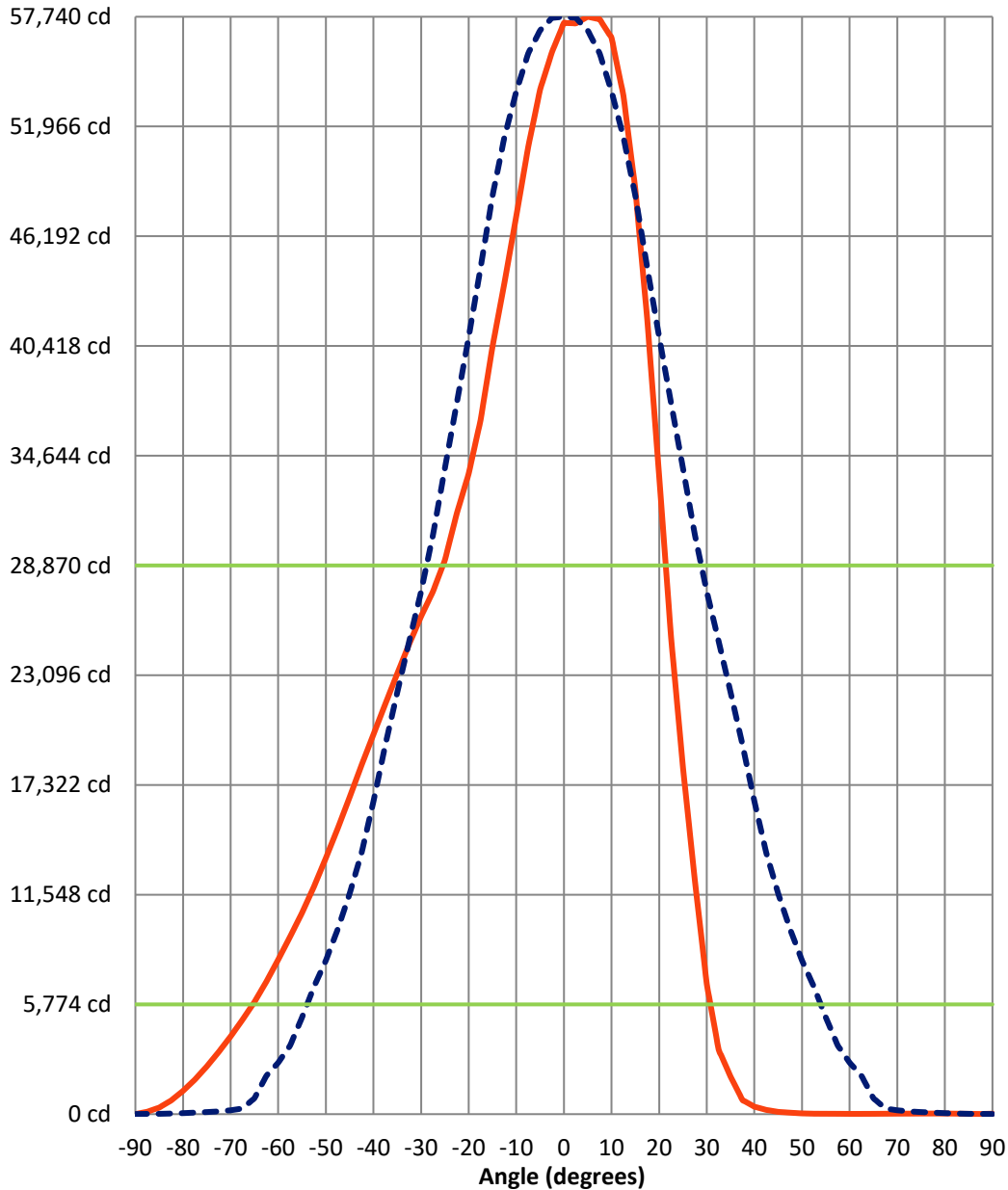
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 27211.5
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 52446.8
 Efficiency: 92.7%

Spill:
 Lumens: 4128.3
 Efficiency: 7.3%

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

REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.9	8.9	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9
87.5°	7.9	9.2	10.6	10.7	11.0	11.4	12.0	11.9	11.6	11.3	10.9
85°	7.9	9.5	11.3	12.0	13.0	14.4	16.1	16.3	16.4	16.3	16.0
82.5°	7.9	9.8	11.9	13.2	15.0	17.3	20.1	20.8	21.2	22.3	24.6
80°	7.9	10.1	12.6	14.5	17.0	20.2	23.7	24.1	26.1	29.7	35.1
77.5°	7.9	10.4	13.2	15.7	19.0	22.2	24.6	26.7	30.7	36.9	43.1
75°	7.9	10.7	13.9	16.9	20.6	22.6	25.4	29.0	34.7	39.5	44.4
72.5°	7.9	10.9	14.5	18.1	20.6	23.0	26.1	30.7	35.7	40.6	45.6
70°	7.9	11.2	15.1	19.0	20.6	23.2	26.8	31.5	36.6	41.7	47.9
67.5°	7.9	11.5	15.7	18.8	20.6	23.4	27.6	32.2	37.4	44.0	50.5
65°	7.9	11.7	16.2	18.6	20.5	23.9	28.4	32.9	39.4	46.2	53.4
62.5°	7.9	11.9	16.8	18.4	20.4	24.7	29.2	34.2	41.3	48.5	56.9
60°	7.9	12.2	17.3	18.1	20.2	25.5	30.0	35.8	43.1	51.1	60.1
57.5°	7.9	12.4	17.1	17.9	20.8	26.3	31.5	37.3	44.9	53.5	61.6
55°	7.9	12.6	17.0	17.5	21.5	27.1	33.1	39.1	46.6	55.4	62.6
52.5°	7.9	12.8	16.8	17.2	22.2	27.9	34.6	41.0	48.1	56.4	63.6
50°	7.9	13.0	16.7	16.8	22.9	29.2	36.1	43.1	49.3	57.4	63.9
47.5°	7.9	13.2	16.6	16.6	23.5	30.4	37.7	45.5	50.3	58.5	65.0
45°	7.9	13.3	16.5	17.1	24.1	31.6	39.9	48.0	53.1	60.6	67.0
42.5°	7.9	13.5	16.5	17.5	24.7	32.7	42.2	50.8	56.4	63.4	70.4
40°	7.9	13.6	16.5	18.3	25.4	33.8	44.6	54.0	60.6	67.1	74.9
37.5°	7.9	13.7	16.5	19.2	26.2	34.8	47.1	57.5	66.0	73.6	80.3
35°	7.9	13.8	16.5	20.2	27.0	36.4	49.6	61.2	71.7	81.5	88.1
32.5°	7.9	13.9	16.5	21.1	27.6	38.3	52.3	65.1	77.6	90.3	102.7
30°	7.9	14.0	16.5	22.2	28.3	40.3	55.4	69.4	83.8	100.0	119.5
27.5°	7.9	14.1	16.6	23.2	30.3	42.1	58.5	74.4	90.8	110.6	138.3
25°	7.9	14.1	16.7	24.3	32.6	44.0	61.7	79.4	99.2	124.6	161.0
22.5°	7.9	14.2	16.8	25.3	35.0	46.7	64.9	84.4	108.0	141.1	236.3
20°	7.9	14.2	16.9	26.4	37.5	51.8	68.0	89.4	117.0	158.3	320.6
17.5°	7.9	14.2	17.0	27.4	40.1	56.9	73.9	94.4	126.2	176.0	411.9
15°	7.9	14.2	17.1	28.4	42.7	62.1	81.3	101.8	135.3	194.0	508.0
12.5°	7.9	14.2	17.2	29.4	45.3	67.2	88.6	112.6	149.5	212.0	606.3
10°	7.9	14.1	17.4	30.4	47.9	72.3	95.9	123.4	167.8	239.8	699.1
7.5°	7.9	14.1	17.5	31.3	50.4	77.3	103.0	134.1	186.0	268.5	774.5
5°	7.9	14.0	17.6	32.1	52.9	82.1	109.8	144.5	203.8	296.4	840.4
2.5°	7.9	14.0	17.7	32.9	55.2	86.7	116.4	154.6	221.1	323.2	895.8
0°	7.9	13.9	17.8	33.6	57.4	91.0	122.7	164.2	237.5	348.3	940.0
-2.5°	7.9	14.2	19.2	37.7	66.7	108.8	153.5	215.9	318.1	465.9	1062.7
-5°	7.9	14.4	20.5	41.7	75.7	126.0	183.5	266.3	396.3	579.7	1173.3
-7.5°	7.9	14.6	21.8	45.5	84.3	142.5	212.3	314.5	471.0	688.2	1271.9
-10°	7.9	14.8	23.1	49.1	92.5	158.1	239.6	360.0	541.0	789.5	1358.5
-12.5°	7.9	15.0	24.3	52.4	100.0	172.5	265.1	401.9	605.1	882.3	1439.3
-15°	7.9	15.2	25.4	55.5	106.8	185.5	288.3	439.7	666.0	966.1	1508.5
-17.5°	7.9	15.3	26.4	58.1	112.9	197.0	308.9	480.0	724.6	1040.1	1562.0
-20°	7.9	15.5	27.4	60.4	118.0	206.7	331.4	521.3	776.3	1103.6	1599.3



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.9	15.6	28.2	62.3	122.2	214.7	358.4	557.2	820.5	1155.7	1619.9
-25°	7.9	15.6	28.9	63.8	125.4	226.8	381.3	587.3	856.8	1195.6	1623.4
-27.5°	7.9	15.7	29.5	64.8	127.6	239.0	400.0	611.3	884.6	1227.1	1661.8
-30°	7.9	15.7	30.0	65.3	129.1	248.5	414.1	628.9	908.4	1255.1	1686.1
-32.5°	7.9	15.7	30.3	65.3	133.9	255.1	423.5	643.9	926.3	1271.8	1693.5
-35°	7.9	15.7	30.5	64.8	137.1	258.9	430.3	653.5	935.1	1276.8	1683.5
-37.5°	7.9	15.6	30.5	63.8	138.5	260.6	433.5	656.0	934.8	1270.1	1633.8
-40°	7.9	15.6	30.4	62.2	138.2	261.6	432.2	651.5	925.1	1258.3	1581.3
-42.5°	7.9	15.4	30.1	60.8	137.5	259.7	426.4	639.9	910.5	1215.5	1518.9
-45°	7.9	15.3	29.7	60.1	136.7	254.9	416.1	624.0	888.7	1161.5	1448.5
-47.5°	7.9	15.1	29.1	58.5	134.3	247.4	401.3	605.6	857.0	1100.1	1378.5
-50°	7.9	14.9	28.4	58.0	130.5	236.9	386.6	581.2	804.0	1038.6	1299.5
-52.5°	7.9	14.7	27.5	57.4	125.3	223.8	368.6	550.8	752.3	970.1	1213.0
-55°	7.9	14.5	26.5	56.1	118.6	212.7	346.8	515.6	698.2	894.9	1125.9
-57.5°	7.9	14.2	25.4	54.3	110.6	200.4	321.2	481.5	639.0	821.9	1031.3
-60°	7.9	13.9	24.1	51.8	101.5	186.0	293.0	438.6	577.0	745.3	933.1
-62.5°	7.9	13.6	23.2	48.7	95.2	169.7	269.6	391.0	519.1	662.9	836.0
-65°	7.9	13.2	22.3	45.1	87.8	151.5	243.5	344.1	457.7	586.7	732.5
-67.5°	7.9	12.9	21.3	41.0	79.5	134.6	214.9	303.6	393.0	509.2	636.0
-70°	7.9	12.5	20.2	36.5	70.4	119.3	184.1	261.1	340.4	428.1	540.4
-72.5°	7.9	12.1	19.0	33.4	60.5	102.9	158.4	216.9	285.9	362.2	445.3
-75°	7.9	11.6	17.8	30.5	49.9	85.3	132.1	178.4	229.6	294.2	364.8
-77.5°	7.9	11.2	16.6	27.4	43.2	66.8	104.5	141.2	181.9	227.7	281.9
-80°	7.9	10.8	15.3	24.2	37.0	53.7	75.7	103.1	134.1	169.1	208.2
-82.5°	7.9	10.3	14.0	20.9	30.7	43.4	58.9	70.9	85.2	109.4	136.5
-85°	7.9	9.8	12.6	17.4	24.2	32.9	43.5	51.5	60.1	69.2	78.9
-87.5°	7.9	9.4	11.3	13.9	17.6	22.2	27.7	32.0	36.5	41.4	46.5
-90°	7.9	8.9	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	13.9	13.9	13.9	13.9	14.4	14.9	15.3	15.8	16.8	17.8	18.8
87.5°	11.6	12.3	13.1	13.9	12.9	11.7	10.3	8.7	9.2	9.7	10.3
85°	17.3	18.8	20.5	21.8	20.8	20.0	19.4	19.0	20.0	20.9	21.6
82.5°	27.0	28.7	29.6	29.9	30.4	31.4	33.1	36.6	38.9	40.4	41.2
80°	37.7	38.8	39.6	42.2	46.9	52.5	58.7	65.4	67.7	67.9	67.1
77.5°	44.2	46.6	51.2	58.1	65.9	73.7	82.3	91.7	94.4	93.6	91.8
75°	48.1	53.7	61.8	71.8	82.1	92.6	103.9	114.4	117.4	114.1	109.7
72.5°	51.7	60.3	71.1	84.1	95.4	106.3	118.4	131.6	136.2	129.5	121.6
70°	55.4	66.2	78.6	91.4	104.3	116.7	128.4	141.2	148.7	138.2	122.1
67.5°	58.6	71.1	84.3	97.5	109.2	121.3	134.6	140.0	143.3	126.3	108.2
65°	62.3	75.6	87.6	99.3	111.7	116.7	121.0	125.6	125.0	105.6	86.3
62.5°	66.0	76.9	88.4	97.6	100.6	103.6	103.5	100.6	95.9	82.5	65.9
60°	67.3	76.8	84.6	87.8	88.5	85.7	81.9	78.2	72.4	61.2	49.9
57.5°	68.0	73.1	76.8	77.7	74.4	68.8	66.1	60.2	55.3	48.8	39.5
55°	67.7	67.0	69.2	67.4	63.4	58.7	54.1	50.2	44.1	42.2	38.0
52.5°	65.9	62.9	62.0	59.9	57.1	52.5	47.9	44.8	43.3	40.9	37.5
50°	65.3	61.4	56.7	56.5	54.4	50.9	46.1	45.5	45.5	43.4	39.3
47.5°	66.1	61.5	55.5	55.6	55.9	57.1	53.0	51.2	51.9	57.7	51.5
45°	68.3	65.9	59.6	59.4	65.0	72.4	78.9	60.7	79.1	88.2	95.4
42.5°	71.9	73.0	76.3	65.0	86.0	112.4	125.0	131.5	124.8	153.6	183.4
40°	79.9	82.6	104.8	113.4	122.4	177.1	253.0	270.8	205.7	286.1	335.7
37.5°	89.7	117.6	156.1	202.5	198.3	312.5	431.4	522.6	513.6	485.6	695.4
35°	100.9	160.7	264.3	367.9	413.2	521.5	740.8	899.6	994.0	1051.1	1223.9
32.5°	132.0	211.7	399.7	619.6	808.9	916.3	1123.4	1471.4	1800.8	1997.4	1995.5
30°	186.6	337.3	590.7	928.6	1296.8	1598.7	1769.9	2217.1	2844.8	3291.3	3588.8
27.5°	267.2	490.0	885.4	1375.0	1890.7	2403.3	2744.9	3326.1	4170.8	4851.2	5486.7
25°	365.8	732.4	1217.4	1905.8	2664.1	3315.3	3806.7	4614.5	5684.8	6752.0	7815.1
22.5°	522.7	1014.0	1585.8	2486.1	3517.7	4257.8	4979.6	5964.3	7202.2	8700.2	10321.3
20°	741.4	1341.7	1979.1	2941.5	4371.3	5217.2	6103.5	7278.7	8722.4	10543.1	12707.5
17.5°	977.6	1651.1	2364.8	3437.6	4832.7	6004.9	7194.9	8534.3	10152.1	12264.3	14595.8
15°	1226.2	1942.1	2709.4	3880.7	5264.7	6531.1	7939.2	9681.1	11588.9	13873.2	16312.1
12.5°	1481.0	2214.5	3014.8	4270.9	5677.1	7007.8	8509.5	10321.1	12540.6	15220.1	17780.4
10°	1735.8	2468.3	3283.2	4609.1	6063.8	7434.1	8999.3	10852.9	13111.0	15795.5	18562.9
7.5°	1892.0	2635.8	3502.5	4896.2	6418.6	7809.0	9410.4	11280.0	13506.1	16207.0	19059.0
5°	2010.2	2711.1	3616.5	5091.8	6699.1	8086.7	9731.2	11607.3	13744.0	16457.7	19435.9
2.5°	2102.1	2766.6	3707.6	5237.3	6911.1	8237.6	9922.2	11816.8	13991.8	16769.3	19816.3
0°	2166.9	2804.1	3773.7	5337.0	7070.5	8335.0	10046.8	11942.5	14164.8	17040.1	20154.9
-2.5°	2229.9	2920.0	3908.1	5464.2	7093.5	8349.5	10094.2	11947.6	14164.7	16987.5	20014.5
-5°	2269.5	3016.6	4014.3	5544.4	7069.9	8319.7	10068.0	11876.0	14010.4	16679.5	19494.4
-7.5°	2290.0	3090.4	4091.0	5556.5	6947.8	8144.1	9753.3	11452.9	13500.9	16002.0	18597.4
-10°	2300.9	3134.8	4082.8	5389.2	6694.2	7862.0	9333.1	10961.4	12890.6	15216.4	17617.8
-12.5°	2331.1	3158.9	4045.8	5206.6	6418.8	7543.0	8867.1	10409.0	12182.6	14337.9	16541.1
-15°	2347.5	3171.1	3994.4	5018.2	6129.3	7189.7	8362.7	9801.1	11415.8	13343.7	15298.5
-17.5°	2352.1	3173.3	3931.7	4832.6	5832.7	6804.6	7866.4	9280.2	10750.4	12415.2	14082.3
-20°	2347.0	3167.4	3860.7	4657.9	5541.2	6524.8	7596.7	8830.1	10146.2	11553.9	12942.8



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2334.0	3155.0	3800.9	4533.9	5401.2	6341.5	7327.5	8394.7	9527.2	10749.7	12158.2
-25°	2327.5	3109.7	3760.9	4446.2	5265.7	6148.7	7044.5	7992.7	8980.0	10260.2	11603.6
-27.5°	2317.3	3061.8	3682.3	4324.5	5109.0	5953.9	6794.1	7659.6	8673.2	9823.3	11070.1
-30°	2286.7	2946.1	3575.5	4182.0	4943.1	5757.2	6559.5	7382.2	8341.3	9425.7	10582.3
-32.5°	2200.7	2814.8	3433.5	4042.8	4743.4	5541.5	6317.2	7115.0	8004.7	8976.4	10089.1
-35°	2104.4	2679.3	3274.4	3870.2	4510.2	5279.9	6034.7	6805.8	7631.7	8543.3	9580.6
-37.5°	2034.3	2533.7	3103.9	3675.7	4290.0	4973.8	5714.0	6456.2	7238.1	8106.7	9087.9
-40°	1950.8	2378.6	2930.9	3478.2	4037.3	4667.8	5359.3	6071.7	6805.8	7672.0	8571.1
-42.5°	1857.5	2270.6	2751.6	3268.7	3796.1	4369.2	4986.3	5664.1	6400.6	7206.4	8050.6
-45°	1776.9	2149.3	2572.2	3056.2	3546.1	4065.2	4637.6	5243.6	5971.1	6720.8	7504.8
-47.5°	1685.2	2022.5	2420.2	2831.4	3292.9	3771.7	4277.8	4868.1	5514.4	6216.5	6935.6
-50°	1586.1	1907.6	2246.8	2629.2	3038.2	3476.4	3938.5	4477.1	5067.0	5694.3	6356.1
-52.5°	1486.5	1780.9	2093.1	2426.0	2797.4	3191.2	3619.2	4098.9	4620.9	5170.6	5754.6
-55°	1377.3	1652.2	1936.3	2238.2	2562.1	2919.4	3302.2	3731.0	4179.8	4678.1	5169.2
-57.5°	1265.0	1513.7	1775.7	2055.2	2346.4	2650.2	2997.1	3360.2	3765.8	4191.8	4625.2
-60°	1147.8	1370.5	1608.0	1865.1	2135.5	2409.3	2690.3	3012.0	3356.3	3710.2	4097.6
-62.5°	1024.8	1224.8	1437.2	1665.1	1912.7	2160.3	2412.3	2678.5	2957.4	3275.3	3598.5
-65°	903.0	1075.2	1264.3	1467.0	1679.1	1901.6	2127.5	2355.5	2599.5	2861.4	3133.6
-67.5°	774.5	930.1	1092.7	1264.8	1453.2	1642.0	1839.2	2045.3	2252.7	2464.9	2688.3
-70°	658.9	782.3	924.0	1074.2	1226.3	1380.9	1551.4	1728.3	1909.0	2089.5	2275.2
-72.5°	542.3	648.3	761.6	881.6	1009.3	1136.7	1269.7	1407.7	1554.5	1706.5	1860.8
-75°	436.3	511.5	604.3	704.4	801.9	897.8	997.6	1109.8	1226.0	1343.2	1460.0
-77.5°	338.5	398.3	462.9	531.8	599.6	676.7	755.6	836.1	920.2	1006.6	1094.1
-80°	245.0	282.9	330.5	381.9	431.2	481.0	532.3	584.7	639.5	700.1	765.5
-82.5°	162.3	189.3	217.7	247.2	274.7	301.9	331.1	366.8	402.8	439.8	477.6
-85°	86.8	94.8	111.5	129.1	146.6	164.2	181.7	199.2	217.1	234.5	251.3
-87.5°	50.4	54.4	58.5	62.6	67.0	71.4	75.8	80.2	86.1	92.1	98.1
-90°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	19.8	20.3	20.8	21.3	21.8	22.3	22.8	23.2	23.7	24.2	24.7
87.5°	10.8	10.1	9.2	8.4	7.5	9.9	12.3	14.8	17.3	16.0	14.7
85°	22.0	22.1	22.2	22.3	22.4	25.0	27.6	30.1	32.5	30.0	27.4
82.5°	41.4	40.8	39.4	37.3	34.5	33.9	33.0	31.7	30.2	28.9	27.7
80°	65.7	62.4	58.1	53.0	47.2	44.3	41.5	38.5	35.1	34.1	33.3
77.5°	88.3	82.2	74.9	67.0	58.7	53.4	48.6	43.5	38.0	36.5	35.5
75°	104.3	96.5	86.0	74.9	63.2	55.0	48.5	42.1	35.6	34.1	33.8
72.5°	112.5	101.8	88.5	72.9	58.0	48.2	42.1	36.6	31.8	30.0	29.3
70°	105.8	89.5	74.2	59.8	46.6	37.7	33.4	29.6	26.3	25.4	25.9
67.5°	89.4	72.9	59.0	46.7	36.1	28.9	26.4	24.4	22.9	22.4	22.3
65°	69.8	56.0	44.7	35.3	27.7	23.2	22.4	21.6	20.8	20.1	19.5
62.5°	51.6	41.0	33.9	28.5	24.4	21.8	21.1	20.2	19.2	18.2	17.4
60°	40.1	31.9	28.2	25.9	23.9	22.1	21.4	21.0	20.6	20.3	19.7
57.5°	34.9	30.7	27.4	26.0	24.9	24.0	23.6	23.2	22.6	21.7	21.0
55°	34.0	30.8	27.9	27.1	26.6	26.0	25.4	24.7	23.9	23.0	22.7
52.5°	34.1	32.7	30.5	29.5	29.9	29.2	27.5	28.3	28.5	27.7	27.3
50°	38.5	38.9	39.4	36.1	39.5	41.0	38.9	40.6	43.1	43.4	43.2
47.5°	54.6	58.3	63.0	59.3	63.7	70.3	69.7	70.2	76.1	76.9	76.6
45°	87.2	102.9	110.3	114.6	113.0	128.3	131.3	126.3	134.4	136.0	133.6
42.5°	174.5	183.2	202.9	218.5	209.5	225.4	230.1	215.8	229.7	236.0	229.2
40°	390.8	310.7	368.9	409.1	395.0	364.4	417.6	398.6	396.7	418.9	401.5
37.5°	771.5	684.8	744.4	859.1	855.0	710.5	871.7	861.2	723.9	886.6	872.4
35°	1383.5	1543.8	1472.2	1686.8	1749.0	1781.3	1870.6	1963.0	1861.9	1995.1	1991.6
32.5°	2477.3	2809.7	2956.7	2982.9	3258.2	3482.5	3387.5	3747.4	3725.4	3815.4	3907.4
30°	3910.9	4652.0	5027.2	5036.5	5493.3	5895.2	6022.8	6474.4	6741.6	6697.3	7144.6
27.5°	6239.9	6968.0	7585.7	8112.8	8468.7	9102.6	9984.9	10430.1	11086.5	11343.8	11962.3
25°	8871.4	9776.0	10751.2	11668.5	12421.7	13557.2	14655.3	15347.7	16286.8	17022.7	17770.5
22.5°	11722.2	12922.2	14173.4	15545.6	16946.6	18331.9	19665.6	20944.9	22196.9	23579.8	24425.1
20°	14636.7	15993.1	17516.1	19375.8	21319.5	22990.0	24811.8	26817.7	28735.4	30520.3	31868.4
17.5°	16851.5	18950.5	20600.5	22612.3	25026.1	27379.4	29701.9	32347.2	34786.8	37062.5	39092.1
15°	18542.8	20743.2	23134.6	25563.0	28105.8	30907.8	34102.6	36997.1	40010.8	42687.3	45193.9
12.5°	20017.1	22250.9	24753.7	27585.8	30793.1	33801.4	37149.7	40769.5	43967.0	47111.2	49463.0
10°	21105.2	23586.6	26123.9	28971.4	32242.0	35754.3	39383.0	43042.0	46627.2	49662.4	52189.1
7.5°	21705.4	24340.8	26995.4	29969.0	33331.6	36786.3	40411.1	44231.5	47840.3	50966.0	53286.4
5°	22194.0	24873.2	27497.2	30482.6	33986.2	37418.0	40890.4	44536.6	48315.3	51398.3	53812.5
2.5°	22620.4	25234.5	27794.1	30700.9	34311.5	37758.4	41328.7	45108.5	48762.5	51736.6	54086.6
0°	22990.6	25458.3	27961.5	30842.8	34618.5	38107.2	41619.7	45318.3	49040.5	51937.6	54316.2
-2.5°	22722.8	25142.4	27608.9	30554.1	34154.9	37586.7	41119.0	44864.4	48390.1	51324.6	53630.6
-5°	22024.6	24355.3	26804.5	29742.6	33179.7	36541.1	40026.5	43634.1	46948.2	49882.0	52003.3
-7.5°	21003.7	23285.4	25725.2	28617.1	31815.5	34866.4	37981.2	41325.3	44624.2	47214.4	49234.9
-10°	19869.0	22040.6	24286.2	26829.6	29661.7	32511.3	35373.4	38482.1	41388.7	43820.9	45765.8
-12.5°	18521.8	20450.8	22518.4	24736.9	27336.8	30050.9	32780.2	35503.2	38184.0	40371.9	42133.8
-15°	17066.6	18772.5	20660.8	22806.7	25123.2	27518.2	29980.2	32580.6	34994.9	37032.9	38586.3
-17.5°	15631.2	17158.7	19078.1	21029.0	22901.1	25097.2	27545.8	29696.2	31899.4	33729.5	35101.8
-20°	14414.3	16057.7	17726.6	19393.5	21181.8	23317.0	25393.1	27420.4	29378.3	31044.6	32409.2



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13621.0	15064.9	16489.0	18065.6	19883.7	21767.9	23646.9	25490.1	27262.1	28844.9	30142.8
-25°	12899.6	14121.5	15531.7	17132.6	18667.7	20320.5	22094.6	23635.2	25316.0	26749.5	27859.9
-27.5°	12269.0	13478.2	14862.1	16302.0	17690.5	19180.1	20796.1	22266.5	23779.1	25157.4	26126.3
-30°	11720.0	12972.6	14274.0	15591.2	16898.8	18277.1	19681.5	21102.7	22490.5	23740.4	24671.6
-32.5°	11252.0	12427.2	13647.6	14873.4	16065.7	17321.1	18624.0	19930.5	21216.2	22309.8	23221.6
-35°	10720.1	11845.1	12979.1	14079.9	15184.2	16307.2	17516.3	18739.4	19889.8	20888.3	21778.3
-37.5°	10126.3	11210.3	12245.3	13247.3	14271.0	15309.4	16429.4	17553.0	18609.7	19513.4	20362.1
-40°	9535.5	10523.2	11460.6	12395.9	13334.4	14306.7	15319.7	16325.9	17253.4	18108.2	18899.0
-42.5°	8921.5	9786.1	10639.3	11510.0	12375.8	13252.7	14157.6	15072.6	15899.1	16678.7	17379.7
-45°	8302.1	9044.1	9797.9	10595.5	11385.9	12173.2	12956.6	13729.1	14502.9	15229.4	15821.5
-47.5°	7643.5	8313.0	8997.3	9683.1	10391.5	11110.1	11794.9	12463.6	13147.1	13796.3	14285.5
-50°	6978.7	7598.6	8217.2	8821.3	9447.6	10079.6	10703.6	11292.1	11864.8	12416.9	12799.3
-52.5°	6309.3	6882.5	7449.3	7995.7	8539.0	9077.8	9606.5	10128.6	10630.3	11103.5	11406.8
-55°	5673.4	6184.7	6683.1	7160.3	7639.8	8112.9	8579.2	9036.0	9469.0	9875.9	10109.7
-57.5°	5075.5	5520.7	5957.1	6368.0	6769.4	7159.4	7571.5	7986.4	8376.3	8726.0	8914.5
-60°	4492.8	4893.9	5268.4	5611.9	5956.1	6298.5	6645.7	6988.4	7322.2	7612.6	7774.8
-62.5°	3919.7	4262.5	4581.3	4876.8	5161.1	5443.9	5745.1	6034.1	6309.1	6533.2	6670.8
-65°	3417.7	3708.1	3946.8	4182.1	4415.6	4664.3	4914.5	5153.1	5379.0	5554.5	5670.4
-67.5°	2929.6	3168.4	3367.1	3562.4	3757.8	3955.5	4157.0	4352.2	4539.6	4681.6	4782.3
-70°	2465.5	2645.9	2801.5	2960.5	3122.5	3284.1	3446.0	3601.8	3750.6	3858.8	3939.8
-72.5°	2016.6	2156.1	2277.2	2400.6	2522.4	2647.6	2772.9	2893.4	3008.1	3085.6	3142.4
-75°	1576.2	1677.3	1774.5	1868.6	1959.4	2052.5	2144.8	2232.9	2316.3	2375.0	2421.8
-77.5°	1186.7	1258.5	1321.8	1383.9	1444.4	1509.1	1572.3	1632.0	1687.8	1728.6	1763.0
-80°	831.3	877.7	918.1	956.1	991.6	1031.7	1071.0	1108.2	1142.9	1166.6	1185.6
-82.5°	515.9	543.1	567.4	589.8	610.2	631.2	650.6	668.3	684.1	702.8	720.1
-85°	267.6	278.9	289.2	298.8	307.6	316.1	323.8	330.7	336.8	340.1	342.5
-87.5°	104.0	106.7	109.0	111.2	113.2	115.9	118.5	120.9	123.1	125.1	127.0
-90°	5.9	5.4	5.0	4.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	25.2	25.7	25.7	25.7	25.7	25.7	25.2	24.7	24.2	23.7	23.2
87.5°	13.3	11.9	10.9	9.9	10.9	11.9	13.3	14.7	16.0	17.3	14.8
85°	24.6	21.7	19.8	17.8	19.8	21.7	24.6	27.4	30.0	32.5	30.1
82.5°	26.7	25.7	25.7	25.7	25.7	25.7	26.7	27.7	28.9	30.2	31.7
80°	32.5	31.6	32.6	33.6	32.6	31.6	32.5	33.3	34.1	35.1	38.5
77.5°	34.6	33.6	33.6	33.6	33.6	33.6	34.6	35.5	36.5	38.0	43.5
75°	33.7	33.6	32.7	31.7	32.7	33.6	33.7	33.8	34.1	35.6	42.1
72.5°	28.6	27.9	27.7	27.7	27.7	27.9	28.6	29.3	30.0	31.8	36.6
70°	26.6	27.6	26.8	25.7	26.8	27.6	26.6	25.9	25.4	26.3	29.6
67.5°	22.2	22.0	21.8	21.8	21.8	22.0	22.2	22.3	22.4	22.9	24.4
65°	18.8	18.1	17.8	17.8	17.8	18.1	18.8	19.5	20.1	20.8	21.6
62.5°	16.7	16.0	15.8	15.8	15.8	16.0	16.7	17.4	18.2	19.2	20.2
60°	18.9	18.0	16.9	15.8	16.9	18.0	18.9	19.7	20.3	20.6	21.0
57.5°	20.4	19.9	19.8	19.8	19.8	19.9	20.4	21.0	21.7	22.6	23.2
55°	22.3	21.9	21.8	21.8	21.8	21.9	22.3	22.7	23.0	23.9	24.7
52.5°	26.7	25.9	24.9	23.7	24.9	25.9	26.7	27.3	27.7	28.5	28.3
50°	42.4	40.3	39.3	39.6	39.3	40.3	42.4	43.2	43.4	43.1	40.6
47.5°	78.2	78.1	77.8	77.2	77.8	78.1	78.2	76.6	76.9	76.1	70.2
45°	133.0	127.6	122.5	120.7	122.5	127.6	133.0	133.6	136.0	134.4	126.3
42.5°	233.7	232.5	228.4	223.6	228.4	232.5	233.7	229.2	236.0	229.7	215.8
40°	406.1	400.6	391.1	393.8	391.1	400.6	406.1	401.5	418.9	396.7	398.6
37.5°	845.7	805.1	743.6	744.1	743.6	805.1	845.7	872.4	886.6	723.9	861.2
35°	1979.5	2012.8	1973.4	1972.9	1973.4	2012.8	1979.5	1991.6	1995.1	1861.9	1963.0
32.5°	3788.2	3733.2	3510.0	3393.8	3510.0	3733.2	3788.2	3907.4	3815.4	3725.4	3747.4
30°	7136.6	7172.0	6837.5	6844.9	6837.5	7172.0	7136.6	7144.6	6697.3	6741.6	6474.4
27.5°	12211.7	12483.4	12411.9	12292.8	12411.9	12483.4	12211.7	11962.3	11343.8	11086.5	10430.1
25°	18260.9	18465.6	18328.5	18245.2	18328.5	18465.6	18260.9	17770.5	17022.7	16286.8	15347.7
22.5°	25246.0	25530.9	25459.3	25098.1	25459.3	25530.9	25246.0	24425.1	23579.8	22196.9	20944.9
20°	32978.7	33466.7	33750.2	33567.7	33750.2	33466.7	32978.7	31868.4	30520.3	28735.4	26817.7
17.5°	40533.4	41162.8	41645.4	41807.7	41645.4	41162.8	40533.4	39092.1	37062.5	34786.8	32347.2
15°	46886.1	47786.0	48419.9	48644.8	48419.9	47786.0	46886.1	45193.9	42687.3	40010.8	36997.1
12.5°	51445.0	52616.4	53359.8	53583.0	53359.8	52616.4	51445.0	49463.0	47111.2	43967.0	40769.5
10°	53951.9	55428.5	56274.6	56627.5	56274.6	55428.5	53951.9	52189.1	49662.4	46627.2	43042.0
7.5°	55352.5	56686.3	57485.8	57604.1	57485.8	56686.3	55352.5	53286.4	50966.0	47840.3	44231.5
5°	55807.1	57018.7	57678.6	57739.7	57678.6	57018.7	55807.1	53812.5	51398.3	48315.3	44536.6
2.5°	56006.2	57030.2	57516.9	57392.4	57516.9	57030.2	56006.2	54086.6	51736.6	48762.5	45108.5
0°	55904.3	56819.5	57336.0	57413.2	57336.0	56819.5	55904.3	54316.2	51937.6	49040.5	45318.3
-2.5°	55074.1	55755.7	56121.9	55886.5	56121.9	55755.7	55074.1	53630.6	51324.6	48390.1	44864.4
-5°	53181.3	53671.7	53824.6	53910.5	53824.6	53671.7	53181.3	52003.3	49882.0	46948.2	43634.1
-7.5°	50445.6	50845.7	50996.7	50890.8	50996.7	50845.7	50445.6	49234.9	47214.4	44624.2	41325.3
-10°	46839.7	47206.4	47334.5	47261.5	47334.5	47206.4	46839.7	45765.8	43820.9	41388.7	38482.1
-12.5°	43189.6	43624.2	43723.9	43730.2	43723.9	43624.2	43189.6	42133.8	40371.9	38184.0	35503.2
-15°	39601.5	40098.4	40250.3	40382.9	40250.3	40098.4	39601.5	38586.3	37032.9	34994.9	32580.6
-17.5°	36075.7	36569.3	36697.4	36524.1	36697.4	36569.3	36075.7	35101.8	33729.5	31899.4	29696.2
-20°	33177.6	33433.5	33706.5	33704.2	33706.5	33433.5	33177.6	32409.2	31044.6	29378.3	27420.4



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	30784.0	31207.0	31439.4	31604.6	31439.4	31207.0	30784.0	30142.8	28844.9	27262.1	25490.1
-25°	28539.0	28898.2	29042.7	29152.8	29042.7	28898.2	28539.0	27859.9	26749.5	25316.0	23635.2
-27.5°	26809.7	27174.2	27380.3	27502.4	27380.3	27174.2	26809.7	26126.3	25157.4	23779.1	22266.5
-30°	25430.4	25788.6	26034.2	26188.5	26034.2	25788.6	25430.4	24671.6	23740.4	22490.5	21102.7
-32.5°	23944.3	24318.9	24574.9	24734.0	24574.9	24318.9	23944.3	23221.6	22309.8	21216.2	19930.5
-35°	22399.9	22774.6	23051.0	23180.6	23051.0	22774.6	22399.9	21778.3	20888.3	19889.8	18739.4
-37.5°	20899.6	21249.4	21493.6	21589.5	21493.6	21249.4	20899.6	20362.1	19513.4	18609.7	17553.0
-40°	19335.6	19665.7	19892.5	19980.7	19892.5	19665.7	19335.6	18899.0	18108.2	17253.4	16325.9
-42.5°	17758.5	18066.5	18276.0	18364.0	18276.0	18066.5	17758.5	17379.7	16678.7	15899.1	15072.6
-45°	16161.1	16434.9	16612.3	16680.0	16612.3	16434.9	16161.1	15821.5	15229.4	14502.9	13729.1
-47.5°	14588.7	14835.7	14988.1	15037.5	14988.1	14835.7	14588.7	14285.5	13796.3	13147.1	12463.6
-50°	13053.8	13256.1	13395.6	13474.2	13395.6	13256.1	13053.8	12799.3	12416.9	11864.8	11292.1
-52.5°	11634.1	11817.9	11927.3	11970.2	11927.3	11817.9	11634.1	11406.8	11103.5	10630.3	10128.6
-55°	10303.5	10462.4	10555.4	10592.9	10555.4	10462.4	10303.5	10109.7	9875.9	9469.0	9036.0
-57.5°	9074.7	9205.0	9292.7	9342.3	9292.7	9205.0	9074.7	8914.5	8726.0	8376.3	7986.4
-60°	7909.6	8016.4	8090.0	8133.2	8090.0	8016.4	7909.6	7774.8	7612.6	7322.2	6988.4
-62.5°	6785.0	6875.7	6935.3	6969.6	6935.3	6875.7	6785.0	6670.8	6533.2	6309.1	6034.1
-65°	5768.2	5847.7	5886.2	5901.0	5886.2	5847.7	5768.2	5670.4	5554.5	5379.0	5153.1
-67.5°	4868.7	4940.3	4966.2	4970.9	4966.2	4940.3	4868.7	4782.3	4681.6	4539.6	4352.2
-70°	4009.9	4068.3	4087.9	4090.3	4087.9	4068.3	4009.9	3939.8	3858.8	3750.6	3601.8
-72.5°	3189.2	3226.0	3254.4	3273.1	3254.4	3226.0	3189.2	3142.4	3085.6	3008.1	2893.4
-75°	2461.0	2492.5	2506.2	2511.2	2506.2	2492.5	2461.0	2421.8	2375.0	2316.3	2232.9
-77.5°	1792.3	1816.3	1821.7	1820.6	1821.7	1816.3	1792.3	1763.0	1728.6	1687.8	1632.0
-80°	1200.6	1211.8	1219.1	1222.9	1219.1	1211.8	1200.6	1185.6	1166.6	1142.9	1108.2
-82.5°	735.6	749.2	735.2	718.3	735.2	749.2	735.6	720.1	702.8	684.1	668.3
-85°	344.0	344.7	345.9	346.3	345.9	344.7	344.0	342.5	340.1	336.8	330.7
-87.5°	128.7	130.2	129.5	128.6	129.5	130.2	128.7	127.0	125.1	123.1	120.9
-90°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22.8	22.3	21.8	21.3	20.8	20.3	19.8	18.8	17.8	16.8	15.8
87.5°	12.3	9.9	7.5	8.4	9.2	10.1	10.8	10.3	9.7	9.2	8.7
85°	27.6	25.0	22.4	22.3	22.2	22.1	22.0	21.6	20.9	20.0	19.0
82.5°	33.0	33.9	34.5	37.3	39.4	40.8	41.4	41.2	40.4	38.9	36.6
80°	41.5	44.3	47.2	53.0	58.1	62.4	65.7	67.1	67.9	67.7	65.4
77.5°	48.6	53.4	58.7	67.0	74.9	82.2	88.3	91.8	93.6	94.4	91.7
75°	48.5	55.0	63.2	74.9	86.0	96.5	104.3	109.7	114.1	117.4	114.4
72.5°	42.1	48.2	58.0	72.9	88.5	101.8	112.5	121.6	129.5	136.2	131.6
70°	33.4	37.7	46.6	59.8	74.2	89.5	105.8	122.1	138.2	148.7	141.2
67.5°	26.4	28.9	36.1	46.7	59.0	72.9	89.4	108.2	126.3	143.3	140.0
65°	22.4	23.2	27.7	35.3	44.7	56.0	69.8	86.3	105.6	125.0	125.6
62.5°	21.1	21.8	24.4	28.5	33.9	41.0	51.6	65.9	82.5	95.9	100.6
60°	21.4	22.1	23.9	25.9	28.2	31.9	40.1	49.9	61.2	72.4	78.2
57.5°	23.6	24.0	24.9	26.0	27.4	30.7	34.9	39.5	48.8	55.3	60.2
55°	25.4	26.0	26.6	27.1	27.9	30.8	34.0	38.0	42.2	44.1	50.2
52.5°	27.5	29.2	29.9	29.5	30.5	32.7	34.1	37.5	40.9	43.3	44.8
50°	38.9	41.0	39.5	36.1	39.4	38.9	38.5	39.3	43.4	45.5	45.5
47.5°	69.7	70.3	63.7	59.3	63.0	58.3	54.6	51.5	57.7	51.9	51.2
45°	131.3	128.3	113.0	114.6	110.3	102.9	87.2	95.4	88.2	79.1	60.7
42.5°	230.1	225.4	209.5	218.5	202.9	183.2	174.5	183.4	153.6	124.8	131.5
40°	417.6	364.4	395.0	409.1	368.9	310.7	390.8	335.7	286.1	205.7	270.8
37.5°	871.7	710.5	855.0	859.1	744.4	684.8	771.5	695.4	485.6	513.6	522.6
35°	1870.6	1781.3	1749.0	1686.8	1472.2	1543.8	1383.5	1223.9	1051.1	994.0	899.6
32.5°	3387.5	3482.5	3258.2	2982.9	2956.7	2809.7	2477.3	1995.5	1997.4	1800.8	1471.4
30°	6022.8	5895.2	5493.3	5036.5	5027.2	4652.0	3910.9	3588.8	3291.3	2844.8	2217.1
27.5°	9984.9	9102.6	8468.7	8112.8	7585.7	6968.0	6239.9	5486.7	4851.2	4170.8	3326.1
25°	14655.3	13557.2	12421.7	11668.5	10751.2	9776.0	8871.4	7815.1	6752.0	5684.8	4614.5
22.5°	19665.6	18331.9	16946.6	15545.6	14173.4	12922.2	11722.2	10321.3	8700.2	7202.2	5964.3
20°	24811.8	22990.0	21319.5	19375.8	17516.1	15993.1	14636.7	12707.5	10543.1	8722.4	7278.7
17.5°	29701.9	27379.4	25026.1	22612.3	20600.5	18950.5	16851.5	14595.8	12264.3	10152.1	8534.3
15°	34102.6	30907.8	28105.8	25563.0	23134.6	20743.2	18542.8	16312.1	13873.2	11588.9	9681.1
12.5°	37149.7	33801.4	30793.1	27585.8	24753.7	22250.9	20017.1	17780.4	15220.1	12540.6	10321.1
10°	39383.0	35754.3	32242.0	28971.4	26123.9	23586.6	21105.2	18562.9	15795.5	13111.0	10852.9
7.5°	40411.1	36786.3	33331.6	29969.0	26995.4	24340.8	21705.4	19059.0	16207.0	13506.1	11280.0
5°	40890.4	37418.0	33986.2	30482.6	27497.2	24873.2	22194.0	19435.9	16457.7	13744.0	11607.3
2.5°	41328.7	37758.4	34311.5	30700.9	27794.1	25234.5	22620.4	19816.3	16769.3	13991.8	11816.8
0°	41619.7	38107.2	34618.5	30842.8	27961.5	25458.3	22990.6	20154.9	17040.1	14164.8	11942.5
-2.5°	41119.0	37586.7	34154.9	30554.1	27608.9	25142.4	22722.8	20014.5	16987.5	14164.7	11947.6
-5°	40026.5	36541.1	33179.7	29742.6	26804.5	24355.3	22024.6	19494.4	16679.5	14010.4	11876.0
-7.5°	37981.2	34866.4	31815.5	28617.1	25725.2	23285.4	21003.7	18597.4	16002.0	13500.9	11452.9
-10°	35373.4	32511.3	29661.7	26829.6	24286.2	22040.6	19869.0	17617.8	15216.4	12890.6	10961.4
-12.5°	32780.2	30050.9	27336.8	24736.9	22518.4	20450.8	18521.8	16541.1	14337.9	12182.6	10409.0
-15°	29980.2	27518.2	25123.2	22806.7	20660.8	18772.5	17066.6	15298.5	13343.7	11415.8	9801.1
-17.5°	27545.8	25097.2	22901.1	21029.0	19078.1	17158.7	15631.2	14082.3	12415.2	10750.4	9280.2
-20°	25393.1	23317.0	21181.8	19393.5	17726.6	16057.7	14414.3	12942.8	11553.9	10146.2	8830.1



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	23646.9	21767.9	19883.7	18065.6	16489.0	15064.9	13621.0	12158.2	10749.7	9527.2	8394.7
-25°	22094.6	20320.5	18667.7	17132.6	15531.7	14121.5	12899.6	11603.6	10260.2	8980.0	7992.7
-27.5°	20796.1	19180.1	17690.5	16302.0	14862.1	13478.2	12269.0	11070.1	9823.3	8673.2	7659.6
-30°	19681.5	18277.1	16898.8	15591.2	14274.0	12972.6	11720.0	10582.3	9425.7	8341.3	7382.2
-32.5°	18624.0	17321.1	16065.7	14873.4	13647.6	12427.2	11252.0	10089.1	8976.4	8004.7	7115.0
-35°	17516.3	16307.2	15184.2	14079.9	12979.1	11845.1	10720.1	9580.6	8543.3	7631.7	6805.8
-37.5°	16429.4	15309.4	14271.0	13247.3	12245.3	11210.3	10126.3	9087.9	8106.7	7238.1	6456.2
-40°	15319.7	14306.7	13334.4	12395.9	11460.6	10523.2	9535.5	8571.1	7672.0	6805.8	6071.7
-42.5°	14157.6	13252.7	12375.8	11510.0	10639.3	9786.1	8921.5	8050.6	7206.4	6400.6	5664.1
-45°	12956.6	12173.2	11385.9	10595.5	9797.9	9044.1	8302.1	7504.8	6720.8	5971.1	5243.6
-47.5°	11794.9	11110.1	10391.5	9683.1	8997.3	8313.0	7643.5	6935.6	6216.5	5514.4	4868.1
-50°	10703.6	10079.6	9447.6	8821.3	8217.2	7598.6	6978.7	6356.1	5694.3	5067.0	4477.1
-52.5°	9606.5	9077.8	8539.0	7995.7	7449.3	6882.5	6309.3	5754.6	5170.6	4620.9	4098.9
-55°	8579.2	8112.9	7639.8	7160.3	6683.1	6184.7	5673.4	5169.2	4678.1	4179.8	3731.0
-57.5°	7571.5	7159.4	6769.4	6368.0	5957.1	5520.7	5075.5	4625.2	4191.8	3765.8	3360.2
-60°	6645.7	6298.5	5956.1	5611.9	5268.4	4893.9	4492.8	4097.6	3710.2	3356.3	3012.0
-62.5°	5745.1	5443.9	5161.1	4876.8	4581.3	4262.5	3919.7	3598.5	3275.3	2957.4	2678.5
-65°	4914.5	4664.3	4415.6	4182.1	3946.8	3708.1	3417.7	3133.6	2861.4	2599.5	2355.5
-67.5°	4157.0	3955.5	3757.8	3562.4	3367.1	3168.4	2929.6	2688.3	2464.9	2252.7	2045.3
-70°	3446.0	3284.1	3122.5	2960.5	2801.5	2645.9	2465.5	2275.2	2089.5	1909.0	1728.3
-72.5°	2772.9	2647.6	2522.4	2400.6	2277.2	2156.1	2016.6	1860.8	1706.5	1554.5	1407.7
-75°	2144.8	2052.5	1959.4	1868.6	1774.5	1677.3	1576.2	1460.0	1343.2	1226.0	1109.8
-77.5°	1572.3	1509.1	1444.4	1383.9	1321.8	1258.5	1186.7	1094.1	1006.6	920.2	836.1
-80°	1071.0	1031.7	991.6	956.1	918.1	877.7	831.3	765.5	700.1	639.5	584.7
-82.5°	650.6	631.2	610.2	589.8	567.4	543.1	515.9	477.6	439.8	402.8	366.8
-85°	323.8	316.1	307.6	298.8	289.2	278.9	267.6	251.3	234.5	217.1	199.2
-87.5°	118.5	115.9	113.2	111.2	109.0	106.7	104.0	98.1	92.1	86.1	80.2
-90°	4.0	4.0	4.0	4.5	5.0	5.4	5.9	5.9	5.9	5.9	5.9



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	15.3	14.9	14.4	13.9	13.9	13.9	13.9	13.9	13.4	12.9	12.4
87.5°	10.3	11.7	12.9	13.9	13.1	12.3	11.6	10.9	11.3	11.6	11.9
85°	19.4	20.0	20.8	21.8	20.5	18.8	17.3	16.0	16.3	16.4	16.3
82.5°	33.1	31.4	30.4	29.9	29.6	28.7	27.0	24.6	22.3	21.2	20.8
80°	58.7	52.5	46.9	42.2	39.6	38.8	37.7	35.1	29.7	26.1	24.1
77.5°	82.3	73.7	65.9	58.1	51.2	46.6	44.2	43.1	36.9	30.7	26.7
75°	103.9	92.6	82.1	71.8	61.8	53.7	48.1	44.4	39.5	34.7	29.0
72.5°	118.4	106.3	95.4	84.1	71.1	60.3	51.7	45.6	40.6	35.7	30.7
70°	128.4	116.7	104.3	91.4	78.6	66.2	55.4	47.9	41.7	36.6	31.5
67.5°	134.6	121.3	109.2	97.5	84.3	71.1	58.6	50.5	44.0	37.4	32.2
65°	121.0	116.7	111.7	99.3	87.6	75.6	62.3	53.4	46.2	39.4	32.9
62.5°	103.5	103.6	100.6	97.6	88.4	76.9	66.0	56.9	48.5	41.3	34.2
60°	81.9	85.7	88.5	87.8	84.6	76.8	67.3	60.1	51.1	43.1	35.8
57.5°	66.1	68.8	74.4	77.7	76.8	73.1	68.0	61.6	53.5	44.9	37.3
55°	54.1	58.7	63.4	67.4	69.2	67.0	67.7	62.6	55.4	46.6	39.1
52.5°	47.9	52.5	57.1	59.9	62.0	62.9	65.9	63.6	56.4	48.1	41.0
50°	46.1	50.9	54.4	56.5	56.7	61.4	65.3	63.9	57.4	49.3	43.1
47.5°	53.0	57.1	55.9	55.6	55.5	61.5	66.1	65.0	58.5	50.3	45.5
45°	78.9	72.4	65.0	59.4	59.6	65.9	68.3	67.0	60.6	53.1	48.0
42.5°	125.0	112.4	86.0	65.0	76.3	73.0	71.9	70.4	63.4	56.4	50.8
40°	253.0	177.1	122.4	113.4	104.8	82.6	79.9	74.9	67.1	60.6	54.0
37.5°	431.4	312.5	198.3	202.5	156.1	117.6	89.7	80.3	73.6	66.0	57.5
35°	740.8	521.5	413.2	367.9	264.3	160.7	100.9	88.1	81.5	71.7	61.2
32.5°	1123.4	916.3	808.9	619.6	399.7	211.7	132.0	102.7	90.3	77.6	65.1
30°	1769.9	1598.7	1296.8	928.6	590.7	337.3	186.6	119.5	100.0	83.8	69.4
27.5°	2744.9	2403.3	1890.7	1375.0	885.4	490.0	267.2	138.3	110.6	90.8	74.4
25°	3806.7	3315.3	2664.1	1905.8	1217.4	732.4	365.8	161.0	124.6	99.2	79.4
22.5°	4979.6	4257.8	3517.7	2486.1	1585.8	1014.0	522.7	236.3	141.1	108.0	84.4
20°	6103.5	5217.2	4371.3	2941.5	1979.1	1341.7	741.4	320.6	158.3	117.0	89.4
17.5°	7194.9	6004.9	4832.7	3437.6	2364.8	1651.1	977.6	411.9	176.0	126.2	94.4
15°	7939.2	6531.1	5264.7	3880.7	2709.4	1942.1	1226.2	508.0	194.0	135.3	101.8
12.5°	8509.5	7007.8	5677.1	4270.9	3014.8	2214.5	1481.0	606.3	212.0	149.5	112.6
10°	8999.3	7434.1	6063.8	4609.1	3283.2	2468.3	1735.8	699.1	239.8	167.8	123.4
7.5°	9410.4	7809.0	6418.6	4896.2	3502.5	2635.8	1892.0	774.5	268.5	186.0	134.1
5°	9731.2	8086.7	6699.1	5091.8	3616.5	2711.1	2010.2	840.4	296.4	203.8	144.5
2.5°	9922.2	8237.6	6911.1	5237.3	3707.6	2766.6	2102.1	895.8	323.2	221.1	154.6
0°	10046.8	8335.0	7070.5	5337.0	3773.7	2804.1	2166.9	940.0	348.3	237.5	164.2
-2.5°	10094.2	8349.5	7093.5	5464.2	3908.1	2920.0	2229.9	1062.7	465.9	318.1	215.9
-5°	10068.0	8319.7	7069.9	5544.4	4014.3	3016.6	2269.5	1173.3	579.7	396.3	266.3
-7.5°	9753.3	8144.1	6947.8	5556.5	4091.0	3090.4	2290.0	1271.9	688.2	471.0	314.5
-10°	9333.1	7862.0	6694.2	5389.2	4082.8	3134.8	2300.9	1358.5	789.5	541.0	360.0
-12.5°	8867.1	7543.0	6418.8	5206.6	4045.8	3158.9	2331.1	1439.3	882.3	605.1	401.9
-15°	8362.7	7189.7	6129.3	5018.2	3994.4	3171.1	2347.5	1508.5	966.1	666.0	439.7
-17.5°	7866.4	6804.6	5832.7	4832.6	3931.7	3173.3	2352.1	1562.0	1040.1	724.6	480.0
-20°	7596.7	6524.8	5541.2	4657.9	3860.7	3167.4	2347.0	1599.3	1103.6	776.3	521.3



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	7327.5	6341.5	5401.2	4533.9	3800.9	3155.0	2334.0	1619.9	1155.7	820.5	557.2
-25°	7044.5	6148.7	5265.7	4446.2	3760.9	3109.7	2327.5	1623.4	1195.6	856.8	587.3
-27.5°	6794.1	5953.9	5109.0	4324.5	3682.3	3061.8	2317.3	1661.8	1227.1	884.6	611.3
-30°	6559.5	5757.2	4943.1	4182.0	3575.5	2946.1	2286.7	1686.1	1255.1	908.4	628.9
-32.5°	6317.2	5541.5	4743.4	4042.8	3433.5	2814.8	2200.7	1693.5	1271.8	926.3	643.9
-35°	6034.7	5279.9	4510.2	3870.2	3274.4	2679.3	2104.4	1683.5	1276.8	935.1	653.5
-37.5°	5714.0	4973.8	4290.0	3675.7	3103.9	2533.7	2034.3	1633.8	1270.1	934.8	656.0
-40°	5359.3	4667.8	4037.3	3478.2	2930.9	2378.6	1950.8	1581.3	1258.3	925.1	651.5
-42.5°	4986.3	4369.2	3796.1	3268.7	2751.6	2270.6	1857.5	1518.9	1215.5	910.5	639.9
-45°	4637.6	4065.2	3546.1	3056.2	2572.2	2149.3	1776.9	1448.5	1161.5	888.7	624.0
-47.5°	4277.8	3771.7	3292.9	2831.4	2420.2	2022.5	1685.2	1378.5	1100.1	857.0	605.6
-50°	3938.5	3476.4	3038.2	2629.2	2246.8	1907.6	1586.1	1299.5	1038.6	804.0	581.2
-52.5°	3619.2	3191.2	2797.4	2426.0	2093.1	1780.9	1486.5	1213.0	970.1	752.3	550.8
-55°	3302.2	2919.4	2562.1	2238.2	1936.3	1652.2	1377.3	1125.9	894.9	698.2	515.6
-57.5°	2997.1	2650.2	2346.4	2055.2	1775.7	1513.7	1265.0	1031.3	821.9	639.0	481.5
-60°	2690.3	2409.3	2135.5	1865.1	1608.0	1370.5	1147.8	933.1	745.3	577.0	438.6
-62.5°	2412.3	2160.3	1912.7	1665.1	1437.2	1224.8	1024.8	836.0	662.9	519.1	391.0
-65°	2127.5	1901.6	1679.1	1467.0	1264.3	1075.2	903.0	732.5	586.7	457.7	344.1
-67.5°	1839.2	1642.0	1453.2	1264.8	1092.7	930.1	774.5	636.0	509.2	393.0	303.6
-70°	1551.4	1380.9	1226.3	1074.2	924.0	782.3	658.9	540.4	428.1	340.4	261.1
-72.5°	1269.7	1136.7	1009.3	881.6	761.6	648.3	542.3	445.3	362.2	285.9	216.9
-75°	997.6	897.8	801.9	704.4	604.3	511.5	436.3	364.8	294.2	229.6	178.4
-77.5°	755.6	676.7	599.6	531.8	462.9	398.3	338.5	281.9	227.7	181.9	141.2
-80°	532.3	481.0	431.2	381.9	330.5	282.9	245.0	208.2	169.1	134.1	103.1
-82.5°	331.1	301.9	274.7	247.2	217.7	189.3	162.3	136.5	109.4	85.2	70.9
-85°	181.7	164.2	146.6	129.1	111.5	94.8	86.8	78.9	69.2	60.1	51.5
-87.5°	75.8	71.4	67.0	62.6	58.5	54.4	50.4	46.5	41.4	36.5	32.0
-90°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.4	6.9	7.4



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.9	11.4	10.9	10.4	9.9	8.9	7.9
87.5°	12.0	11.4	11.0	10.7	10.6	9.2	7.9
85°	16.1	14.4	13.0	12.0	11.3	9.5	7.9
82.5°	20.1	17.3	15.0	13.2	11.9	9.8	7.9
80°	23.7	20.2	17.0	14.5	12.6	10.1	7.9
77.5°	24.6	22.2	19.0	15.7	13.2	10.4	7.9
75°	25.4	22.6	20.6	16.9	13.9	10.7	7.9
72.5°	26.1	23.0	20.6	18.1	14.5	10.9	7.9
70°	26.8	23.2	20.6	19.0	15.1	11.2	7.9
67.5°	27.6	23.4	20.6	18.8	15.7	11.5	7.9
65°	28.4	23.9	20.5	18.6	16.2	11.7	7.9
62.5°	29.2	24.7	20.4	18.4	16.8	11.9	7.9
60°	30.0	25.5	20.2	18.1	17.3	12.2	7.9
57.5°	31.5	26.3	20.8	17.9	17.1	12.4	7.9
55°	33.1	27.1	21.5	17.5	17.0	12.6	7.9
52.5°	34.6	27.9	22.2	17.2	16.8	12.8	7.9
50°	36.1	29.2	22.9	16.8	16.7	13.0	7.9
47.5°	37.7	30.4	23.5	16.6	16.6	13.2	7.9
45°	39.9	31.6	24.1	17.1	16.5	13.3	7.9
42.5°	42.2	32.7	24.7	17.5	16.5	13.5	7.9
40°	44.6	33.8	25.4	18.3	16.5	13.6	7.9
37.5°	47.1	34.8	26.2	19.2	16.5	13.7	7.9
35°	49.6	36.4	27.0	20.2	16.5	13.8	7.9
32.5°	52.3	38.3	27.6	21.1	16.5	13.9	7.9
30°	55.4	40.3	28.3	22.2	16.5	14.0	7.9
27.5°	58.5	42.1	30.3	23.2	16.6	14.1	7.9
25°	61.7	44.0	32.6	24.3	16.7	14.1	7.9
22.5°	64.9	46.7	35.0	25.3	16.8	14.2	7.9
20°	68.0	51.8	37.5	26.4	16.9	14.2	7.9
17.5°	73.9	56.9	40.1	27.4	17.0	14.2	7.9
15°	81.3	62.1	42.7	28.4	17.1	14.2	7.9
12.5°	88.6	67.2	45.3	29.4	17.2	14.2	7.9
10°	95.9	72.3	47.9	30.4	17.4	14.1	7.9
7.5°	103.0	77.3	50.4	31.3	17.5	14.1	7.9
5°	109.8	82.1	52.9	32.1	17.6	14.0	7.9
2.5°	116.4	86.7	55.2	32.9	17.7	14.0	7.9
0°	122.7	91.0	57.4	33.6	17.8	13.9	7.9
-2.5°	153.5	108.8	66.7	37.7	19.2	14.2	7.9
-5°	183.5	126.0	75.7	41.7	20.5	14.4	7.9
-7.5°	212.3	142.5	84.3	45.5	21.8	14.6	7.9
-10°	239.6	158.1	92.5	49.1	23.1	14.8	7.9
-12.5°	265.1	172.5	100.0	52.4	24.3	15.0	7.9
-15°	288.3	185.5	106.8	55.5	25.4	15.2	7.9
-17.5°	308.9	197.0	112.9	58.1	26.4	15.3	7.9
-20°	331.4	206.7	118.0	60.4	27.4	15.5	7.9



REPORT NUMBER: P1306369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	358.4	214.7	122.2	62.3	28.2	15.6	7.9
-25°	381.3	226.8	125.4	63.8	28.9	15.6	7.9
-27.5°	400.0	239.0	127.6	64.8	29.5	15.7	7.9
-30°	414.1	248.5	129.1	65.3	30.0	15.7	7.9
-32.5°	423.5	255.1	133.9	65.3	30.3	15.7	7.9
-35°	430.3	258.9	137.1	64.8	30.5	15.7	7.9
-37.5°	433.5	260.6	138.5	63.8	30.5	15.6	7.9
-40°	432.2	261.6	138.2	62.2	30.4	15.6	7.9
-42.5°	426.4	259.7	137.5	60.8	30.1	15.4	7.9
-45°	416.1	254.9	136.7	60.1	29.7	15.3	7.9
-47.5°	401.3	247.4	134.3	58.5	29.1	15.1	7.9
-50°	386.6	236.9	130.5	58.0	28.4	14.9	7.9
-52.5°	368.6	223.8	125.3	57.4	27.5	14.7	7.9
-55°	346.8	212.7	118.6	56.1	26.5	14.5	7.9
-57.5°	321.2	200.4	110.6	54.3	25.4	14.2	7.9
-60°	293.0	186.0	101.5	51.8	24.1	13.9	7.9
-62.5°	269.6	169.7	95.2	48.7	23.2	13.6	7.9
-65°	243.5	151.5	87.8	45.1	22.3	13.2	7.9
-67.5°	214.9	134.6	79.5	41.0	21.3	12.9	7.9
-70°	184.1	119.3	70.4	36.5	20.2	12.5	7.9
-72.5°	158.4	102.9	60.5	33.4	19.0	12.1	7.9
-75°	132.1	85.3	49.9	30.5	17.8	11.6	7.9
-77.5°	104.5	66.8	43.2	27.4	16.6	11.2	7.9
-80°	75.7	53.7	37.0	24.2	15.3	10.8	7.9
-82.5°	58.9	43.4	30.7	20.9	14.0	10.3	7.9
-85°	43.5	32.9	24.2	17.4	12.6	9.8	7.9
-87.5°	27.7	22.2	17.6	13.9	11.3	9.4	7.9
-90°	7.9	8.4	8.9	9.4	9.9	8.9	7.9

(END OF REPORT)