

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: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

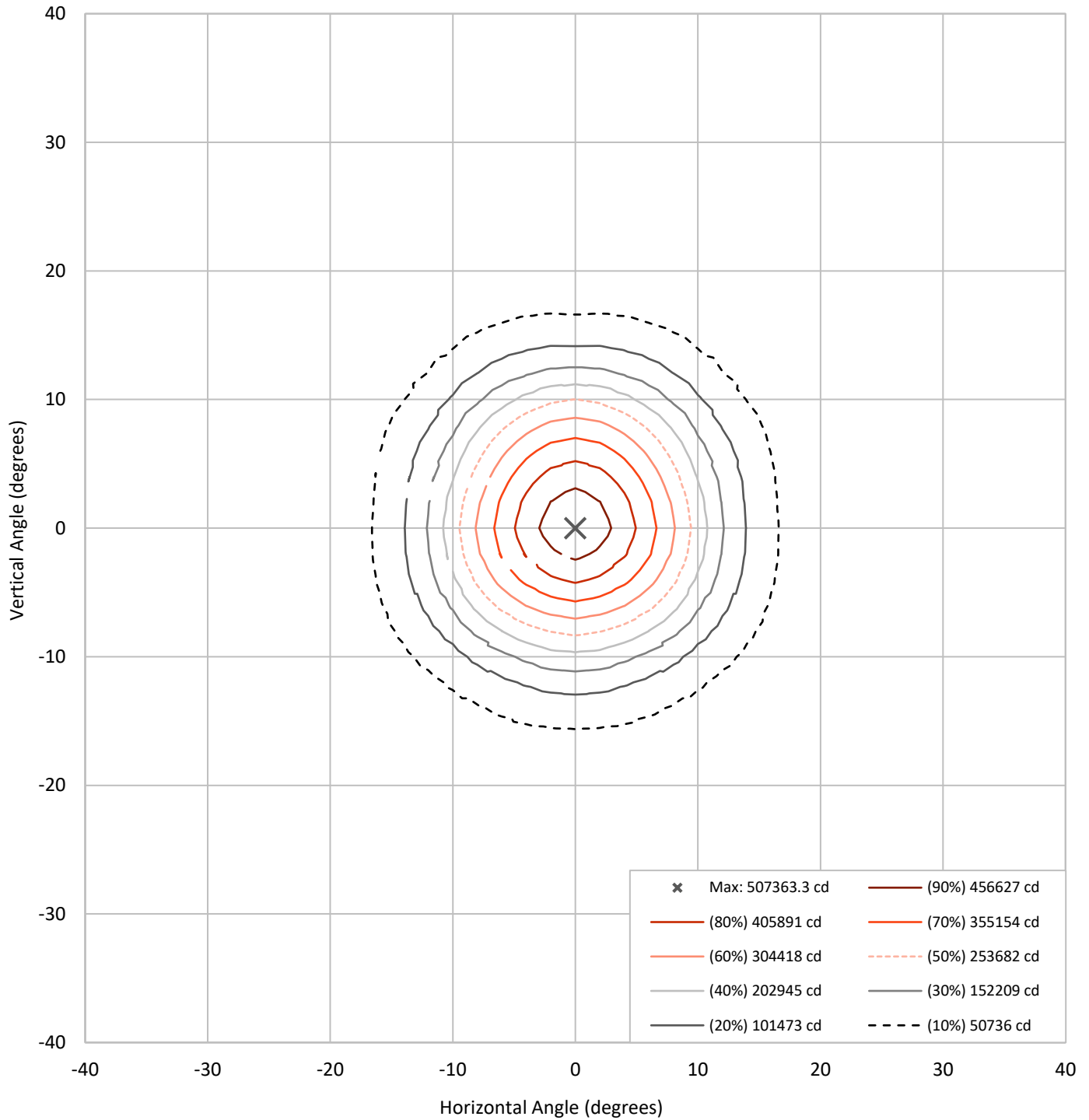
Test Method: LM-79-08
Report Number: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-530N-40-80-1S-CV1-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	61112.7 lumens	Max Intensity:	507363.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	28513.4 lumens	Field Lumens:	51788.1 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	566		
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: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

Iso-Candela Plot



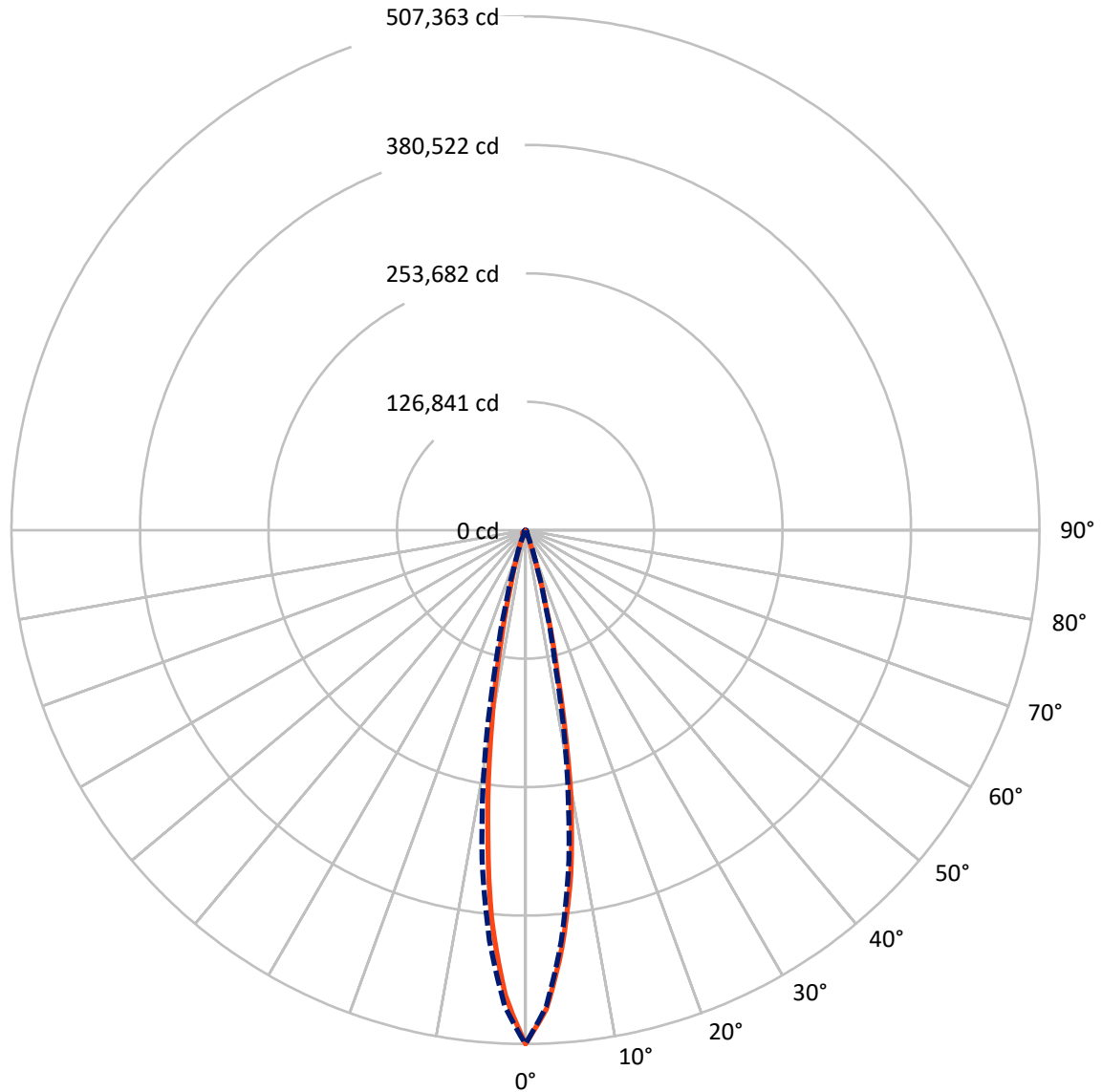
REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

Lumen Table

90	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1								
80	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1								
70	0.1	0.1	0.1	0.5	0.6	0.3	0.2	0.2	0.2	0.2	0.3	0.6	0.5	0.1	0.1	0.1		
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.1			
50	0.2	0.2	0.3	0.3	0.4	0.7	1.0	0.8	0.8	1.0	0.7	0.4	0.3	0.3	0.2	0.2		
40		0.2	0.7	1.7	3.4	4.9	6.9	8.5	8.5	6.9	4.9	3.4	1.7	0.7	0.2			
30	0.2	0.4	3.3	10.6	24.9	33.9	54.2	96.8	96.8	54.2	33.9	24.9	10.6	3.3	0.4	0.2		
20		1.1	7.1	30.5	61.4	81.3	594.4	2395.3	2395.3	594.4	81.3	61.4	30.5	7.1	1.1			
10	0.3	1.7	9.1	41.1	68.3	149.3	2226.8	9616.6	9616.6	2226.8	149.3	68.3	41.1	9.1	1.7	0.3		
0		2.0	9.6	40.4	68.2	145.0	2130.3	8908.5	8908.5	2130.3	145.0	68.2	40.4	9.6	2.0			
-10	0.5	2.4	9.3	32.4	62.9	79.4	474.4	1778.6	1778.6	474.4	79.4	62.9	32.4	9.3	2.4	0.5		
-20		2.5	9.0	22.4	62.3	78.1	88.4	152.6	152.6	88.4	78.1	62.3	22.4	9.0	2.5			
-30	0.4	2.2	8.2	15.8	44.2	91.6	107.2	110.5	110.5	107.2	91.6	44.2	15.8	8.2	2.2	0.4		
-40		1.5	6.2	14.0	23.4	42.1	76.4	103.7	103.7	76.4	42.1	23.4	14.0	6.2	1.5			
-50	0.3	0.8	3.6	9.4	17.9	26.0	32.8	36.9	36.9	32.8	26.0	17.9	9.4	3.6	0.8	0.3		
-60		0.4	1.2	3.7	7.7	12.6	17.4	20.3	20.3	17.4	12.6	7.7	3.7	1.2	0.4			
-70	0.2	0.8	3.6	9.4	17.9	26.0	32.8	36.9	36.9	32.8	26.0	17.9	9.4	3.6	0.8	0.2		
-80		0.4	1.2	3.7	7.7	12.6	17.4	20.3	20.3	17.4	12.6	7.7	3.7	1.2	0.4			
-90	0.2	1.0	2.8	6.4	8.6	6.4	2.8	1.0	0.2									

REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

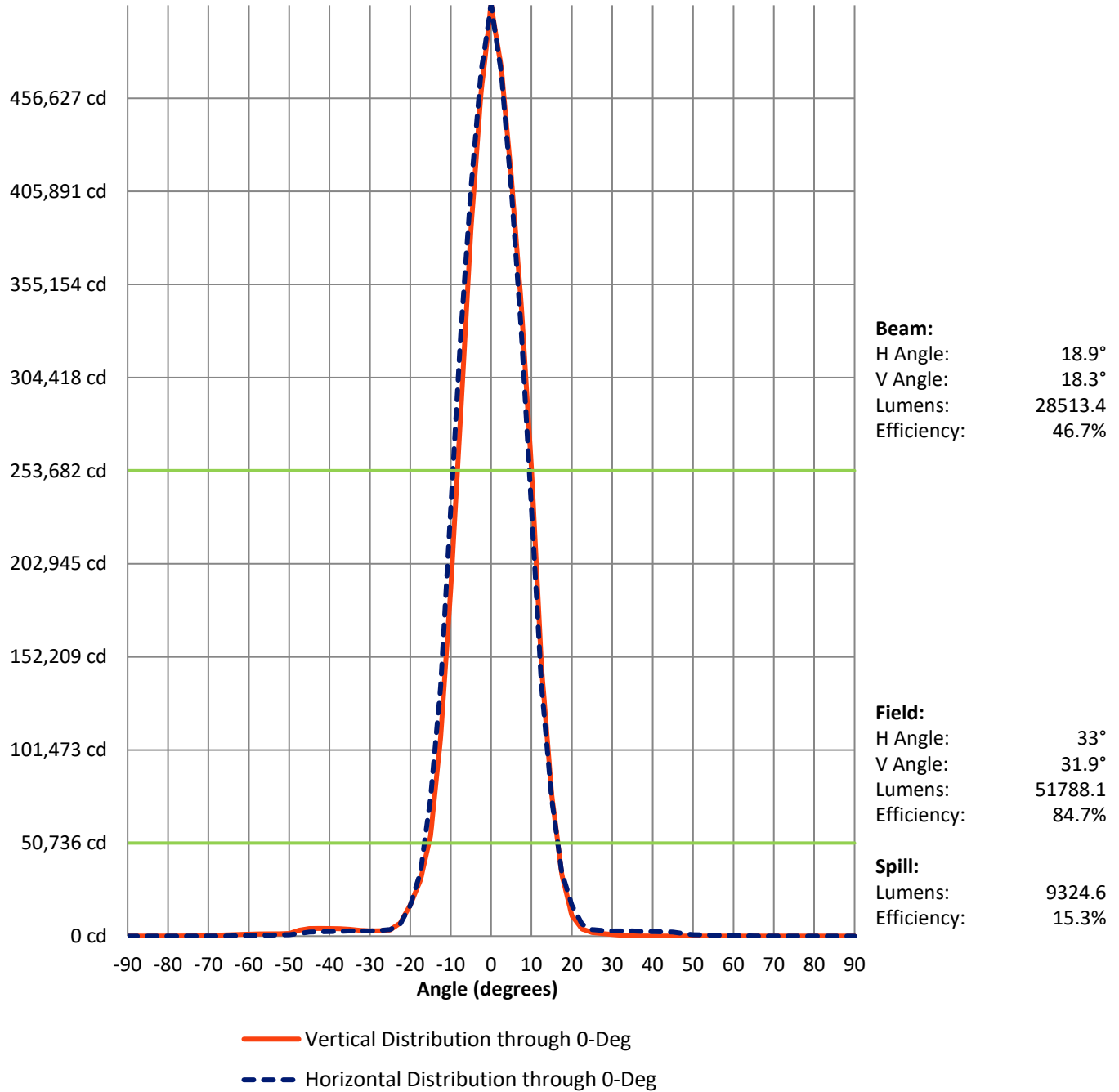
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

Luminous Intensity Plot





REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.7	3.7	3.7	4.3	4.9	5.5	6.1	6.7	7.4	8.0	8.6
87.5°	3.7	3.7	3.7	3.4	3.2	2.9	2.7	2.7	2.6	2.5	2.4
85°	3.7	3.8	3.7	3.5	3.3	3.1	3.1	3.0	2.9	2.7	2.4
82.5°	3.7	3.8	3.7	3.5	3.4	3.4	3.4	3.3	3.1	2.9	2.8
80°	3.7	3.8	3.7	3.6	3.5	3.6	3.7	3.6	3.5	3.4	3.3
77.5°	3.7	3.8	3.7	3.6	3.6	3.8	4.0	4.0	4.0	3.9	3.8
75°	3.7	3.9	3.7	3.6	3.7	4.0	4.3	4.4	4.4	4.1	3.8
72.5°	3.7	3.9	3.7	3.7	3.9	4.3	4.6	4.7	4.4	4.1	3.8
70°	3.7	3.9	3.7	3.7	4.1	4.5	4.9	4.7	4.4	4.2	4.2
67.5°	3.7	3.9	3.8	3.9	4.3	4.8	4.9	4.8	4.5	4.6	4.8
65°	3.7	4.0	3.8	4.0	4.5	4.9	5.0	4.8	4.9	5.1	5.2
62.5°	3.7	4.0	3.8	4.2	4.7	5.0	5.0	5.1	5.3	5.5	5.4
60°	3.7	4.0	3.9	4.3	4.9	5.1	5.1	5.4	5.7	5.8	5.6
57.5°	3.7	4.1	4.0	4.4	5.0	5.3	5.4	5.8	6.1	6.1	6.1
55°	3.7	4.1	4.1	4.6	5.1	5.4	5.7	6.1	6.4	6.5	6.6
52.5°	3.7	4.1	4.2	4.7	5.3	5.5	6.0	6.5	6.8	7.0	7.2
50°	3.7	4.2	4.3	4.8	5.4	5.8	6.3	6.9	7.3	7.6	8.4
47.5°	3.7	4.2	4.4	4.9	5.5	6.0	6.6	7.3	7.7	8.1	9.5
45°	3.7	4.2	4.5	5.0	5.7	6.3	7.0	7.8	8.2	9.0	10.5
42.5°	3.7	4.3	4.7	5.1	5.8	6.5	7.4	8.2	8.7	9.8	12.4
40°	3.7	4.3	4.8	5.3	6.0	6.7	7.8	8.6	9.2	10.6	14.3
37.5°	3.7	4.4	4.9	5.5	6.2	6.9	8.2	9.0	10.0	11.7	16.1
35°	3.7	4.4	5.0	5.6	6.3	7.2	8.7	9.4	10.8	13.5	17.5
32.5°	3.7	4.4	5.1	5.8	6.5	7.6	9.1	9.7	11.6	15.2	19.0
30°	3.7	4.5	5.2	5.9	6.6	7.9	9.4	10.2	12.4	16.7	20.8
27.5°	3.7	4.5	5.3	6.1	6.8	8.2	9.7	10.8	13.4	18.3	22.8
25°	3.7	4.6	5.4	6.2	7.0	8.5	10.0	11.5	14.7	19.8	25.1
22.5°	3.7	4.6	5.5	6.3	7.2	8.8	10.2	12.1	15.9	21.6	28.6
20°	3.7	4.6	5.5	6.5	7.4	9.1	10.5	12.7	17.0	23.4	32.4
17.5°	3.7	4.7	5.6	6.6	7.6	9.3	10.7	13.3	18.0	25.3	36.4
15°	3.7	4.7	5.7	6.7	7.7	9.4	10.9	13.9	18.9	27.3	40.6
12.5°	3.7	4.7	5.8	6.8	7.9	9.6	11.2	14.3	19.8	29.2	44.8
10°	3.7	4.8	5.9	6.9	8.1	9.7	11.4	14.7	20.7	31.0	49.0
7.5°	3.7	4.8	5.9	7.0	8.2	9.7	11.6	15.1	21.5	32.7	53.1
5°	3.7	4.8	6.0	7.1	8.4	9.8	11.8	15.4	22.2	34.2	57.0
2.5°	3.7	4.9	6.0	7.2	8.5	9.8	12.0	15.7	22.8	35.6	60.5
0°	3.7	4.9	6.1	7.3	8.6	9.8	12.2	15.9	23.3	36.7	63.6
-2.5°	3.7	4.9	6.2	7.4	8.8	10.3	13.3	19.0	29.9	48.4	81.8
-5°	3.7	4.9	6.2	7.5	9.0	10.9	14.4	21.9	36.2	59.7	99.1
-7.5°	3.7	5.0	6.2	7.5	9.2	11.3	15.4	24.6	42.1	70.2	115.2
-10°	3.7	5.0	6.3	7.6	9.3	11.8	16.4	27.0	47.3	79.6	129.6
-12.5°	3.7	5.0	6.3	7.6	9.5	12.2	17.2	29.1	51.9	87.9	141.7
-15°	3.7	5.0	6.3	7.7	9.6	12.5	17.9	30.8	56.2	95.3	151.6
-17.5°	3.7	5.0	6.4	7.7	9.7	12.8	18.5	32.7	60.4	101.4	159.3
-20°	3.7	5.0	6.4	7.7	9.8	13.0	19.1	34.5	63.5	106.0	164.5



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.7	5.0	6.4	7.8	9.8	13.2	19.7	35.6	65.4	109.0	167.2
-25°	3.7	5.0	6.4	7.8	9.8	13.3	20.1	35.8	66.0	110.2	167.0
-27.5°	3.7	5.0	6.4	7.8	9.8	13.3	20.0	35.1	65.2	110.1	167.9
-30°	3.7	5.0	6.4	7.8	9.7	13.3	19.6	33.5	64.0	109.0	166.5
-32.5°	3.7	5.0	6.4	7.7	9.7	13.2	18.7	32.6	62.1	106.1	162.7
-35°	3.7	5.0	6.4	7.7	9.7	13.0	18.3	31.6	58.8	101.1	156.5
-37.5°	3.7	4.9	6.3	7.7	9.6	12.8	18.0	29.9	54.0	94.1	146.5
-40°	3.7	4.9	6.3	7.6	9.5	12.7	17.6	27.7	47.8	86.8	135.0
-42.5°	3.7	4.9	6.3	7.6	9.4	12.5	17.1	24.8	43.2	77.3	121.2
-45°	3.7	4.8	6.2	7.6	9.4	12.3	16.5	22.5	39.1	66.3	105.9
-47.5°	3.7	4.8	6.2	7.5	9.3	12.0	15.7	21.5	34.2	54.1	91.9
-50°	3.7	4.8	6.2	7.5	9.2	11.6	15.2	20.5	28.3	47.3	76.3
-52.5°	3.7	4.7	6.1	7.4	9.1	11.1	14.6	19.2	25.3	39.7	60.1
-55°	3.7	4.7	6.1	7.3	9.0	10.9	14.0	17.9	23.6	31.4	50.4
-57.5°	3.7	4.6	6.0	7.2	8.8	10.7	13.2	17.0	21.7	27.7	39.9
-60°	3.7	4.6	5.9	7.1	8.6	10.4	12.5	15.9	19.9	25.4	31.5
-62.5°	3.7	4.5	5.8	6.9	8.4	10.2	12.1	14.9	18.7	22.8	28.4
-65°	3.7	4.4	5.6	6.8	8.1	9.9	11.7	14.0	17.5	21.1	25.2
-67.5°	3.7	4.4	5.5	6.6	7.8	9.4	11.2	13.4	16.2	19.6	23.1
-70°	3.7	4.3	5.3	6.4	7.5	8.9	10.8	12.8	15.3	18.1	21.4
-72.5°	3.7	4.2	5.1	6.1	7.1	8.4	10.0	12.1	14.3	16.8	19.7
-75°	3.7	4.2	4.9	5.9	6.7	7.8	9.2	11.2	13.3	15.5	17.9
-77.5°	3.7	4.1	4.7	5.6	6.4	7.2	8.3	10.2	12.1	14.1	16.1
-80°	3.7	4.0	4.5	5.4	6.1	6.8	7.4	9.1	11.0	12.8	14.6
-82.5°	3.7	3.9	4.3	5.1	5.8	6.5	7.0	8.3	9.8	11.4	13.1
-85°	3.7	3.9	4.1	4.8	5.5	6.1	6.7	7.8	9.0	10.2	11.6
-87.5°	3.7	3.8	3.9	4.6	5.2	5.8	6.4	7.3	8.2	9.1	10.1
-90°	3.7	3.7	3.7	3.4	3.1	2.7	2.4	2.4	2.4	2.4	2.4



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.6	8.6	8.6	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7
87.5°	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.2	1.2	1.2	1.2
85°	2.4	2.4	2.4	2.4	2.2	2.0	1.8	1.7	1.6	1.5	1.4
82.5°	2.8	2.7	2.6	2.4	2.4	2.4	2.4	2.4	2.2	2.0	1.9
80°	3.3	3.1	2.9	2.8	2.8	2.8	2.7	2.4	2.4	2.5	2.6
77.5°	3.5	3.4	3.4	3.5	3.5	3.2	3.1	3.1	3.3	3.5	3.6
75°	3.6	3.7	3.8	3.7	3.6	3.6	3.7	4.0	4.1	4.1	4.0
72.5°	3.9	4.0	4.0	3.8	4.0	4.2	4.5	4.8	5.4	6.1	6.7
70°	4.4	4.4	4.4	4.4	4.7	5.2	6.2	7.6	8.9	10.5	12.7
67.5°	4.8	4.7	4.7	5.1	5.9	7.1	8.6	13.5	19.2	21.5	22.3
65°	4.9	4.9	5.3	6.2	7.2	11.1	16.5	23.1	29.4	30.1	29.0
62.5°	4.9	5.4	6.2	7.9	11.6	16.8	22.6	28.9	36.0	36.3	31.8
60°	5.5	6.0	7.9	11.3	15.6	20.3	26.7	31.8	37.6	40.4	30.8
57.5°	6.1	7.2	10.3	14.4	18.7	22.2	25.6	30.9	34.0	34.5	25.4
55°	7.1	8.7	12.6	17.3	20.5	19.7	22.5	25.4	26.6	24.8	17.7
52.5°	8.5	10.5	15.4	19.5	20.2	18.5	18.5	19.9	18.5	15.8	13.8
50°	9.9	13.5	18.0	20.7	20.1	17.6	14.9	14.6	14.1	13.2	11.9
47.5°	12.1	16.4	20.3	21.9	19.3	16.8	13.5	13.1	13.1	12.5	11.5
45°	14.6	18.7	22.7	21.2	18.8	16.3	15.0	13.5	13.5	13.6	14.3
42.5°	16.8	20.5	22.5	20.6	19.0	18.3	18.1	16.1	16.0	19.3	20.5
40°	18.4	22.2	22.5	22.2	20.5	22.2	22.7	22.9	23.9	27.4	29.2
37.5°	19.7	22.7	24.1	26.4	24.8	27.5	28.8	42.1	43.8	37.0	50.7
35°	20.8	23.8	30.0	36.6	38.7	34.5	52.0	70.4	76.7	72.6	88.1
32.5°	21.9	25.4	37.9	53.8	68.4	64.7	81.8	113.5	133.8	144.1	156.5
30°	24.1	32.8	50.3	75.8	113.3	136.0	137.2	170.9	208.2	274.5	334.3
27.5°	27.9	42.6	71.4	117.4	175.3	222.5	231.2	252.9	338.4	463.7	621.5
25°	32.2	66.2	95.6	173.9	259.3	312.3	327.7	364.7	512.9	800.5	956.4
22.5°	44.2	97.7	136.5	239.8	353.4	399.2	431.4	566.0	833.6	1213.6	1330.7
20°	66.9	134.2	187.3	296.4	448.5	485.1	533.5	822.2	1251.1	1567.6	1726.7
17.5°	93.7	171.0	238.1	352.3	486.2	553.8	656.2	1115.4	1682.4	1909.7	2075.2
15°	123.5	207.8	282.2	401.4	519.4	599.5	848.5	1456.4	2047.2	2235.3	2397.2
12.5°	155.5	244.4	320.2	444.2	552.3	641.9	1023.5	1696.2	2222.6	2488.6	2697.2
10°	188.4	280.2	352.7	480.8	584.2	681.0	1187.3	1901.6	2311.2	2531.5	2761.8
7.5°	208.8	303.1	377.6	511.5	614.6	716.5	1335.8	2072.6	2372.3	2544.8	2715.5
5°	224.1	310.9	384.0	525.3	637.4	742.6	1447.6	2208.5	2411.1	2534.7	2634.8
2.5°	235.8	316.3	388.2	532.9	654.4	755.8	1458.2	2229.9	2399.2	2515.3	2584.4
0°	243.5	319.4	390.4	536.0	668.2	764.8	1436.7	2218.6	2372.8	2492.7	2573.5
-2.5°	252.1	328.7	408.0	545.5	669.4	765.1	1416.1	2196.6	2399.0	2560.0	2694.1
-5°	257.3	336.2	422.9	551.3	667.1	762.1	1370.0	2140.2	2395.7	2565.3	2729.7
-7.5°	259.7	341.9	434.6	552.9	657.6	747.4	1291.7	2005.7	2294.9	2453.6	2657.1
-10°	260.6	349.3	440.1	544.3	639.0	724.6	1187.4	1850.4	2190.8	2335.9	2549.8
-12.5°	263.0	358.1	443.5	535.7	620.1	699.3	1059.8	1680.1	2085.9	2213.6	2431.4
-15°	263.0	365.1	446.0	528.3	601.8	671.8	910.0	1500.1	2028.6	2236.0	2415.0
-17.5°	260.9	370.5	447.8	523.1	584.9	642.4	744.4	1339.4	1992.4	2284.2	2460.9
-20°	256.7	374.3	449.4	521.0	570.7	628.8	709.8	1160.2	1808.6	2306.2	2521.8



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	250.7	376.4	450.9	519.4	575.3	630.2	698.4	957.1	1553.2	2303.4	2523.6
-25°	247.8	365.8	450.7	519.1	582.1	632.9	684.9	763.9	1278.8	1975.6	2456.8
-27.5°	246.7	353.7	442.9	514.0	588.4	637.4	682.4	746.5	1016.2	1583.1	2319.7
-30°	241.9	333.8	431.7	503.8	582.2	642.6	686.9	727.5	801.8	1244.8	1857.9
-32.5°	230.8	312.9	410.3	488.8	567.3	647.5	688.5	723.5	778.3	909.4	1407.3
-35°	217.8	296.3	385.1	469.8	546.6	630.9	685.9	722.6	758.6	822.0	1047.8
-37.5°	206.1	277.2	359.4	444.8	521.8	601.0	680.0	718.9	755.1	800.4	886.4
-40°	192.0	255.8	335.0	416.2	493.2	569.5	646.1	713.5	750.0	808.8	865.5
-42.5°	175.8	237.7	308.9	386.9	460.6	535.4	610.4	682.5	758.1	817.3	873.9
-45°	158.1	217.1	281.2	352.1	424.5	497.5	570.3	645.3	736.4	826.6	883.4
-47.5°	137.8	194.1	255.0	313.6	383.4	454.9	526.3	604.9	695.1	789.3	890.7
-50°	116.5	168.4	224.1	277.9	337.3	406.9	476.9	556.0	640.9	732.0	827.5
-52.5°	96.9	140.0	190.2	242.3	294.0	352.0	422.2	497.3	576.8	662.4	745.8
-55°	75.6	113.7	153.6	202.5	253.3	302.5	359.6	430.0	503.3	580.8	656.1
-57.5°	59.6	86.5	120.1	159.1	206.7	256.5	305.7	358.9	423.8	492.2	555.0
-60°	46.6	64.2	88.6	120.5	155.8	201.5	250.2	298.3	348.5	398.5	452.7
-62.5°	34.6	48.1	63.8	84.4	114.1	145.3	185.7	230.6	277.2	318.8	358.1
-65°	30.7	34.7	45.4	59.8	74.4	100.1	128.7	158.7	197.7	234.3	269.8
-67.5°	26.6	30.3	33.8	39.2	52.0	64.9	77.5	102.4	128.5	151.9	176.8
-70°	24.1	26.2	29.3	32.3	35.2	40.7	51.8	62.7	73.1	85.8	105.5
-72.5°	21.8	23.5	25.4	27.6	30.2	32.7	35.3	38.0	44.5	53.1	60.9
-75°	19.6	20.7	22.1	23.7	25.6	27.4	29.2	31.4	33.6	36.1	38.6
-77.5°	17.3	18.3	19.2	20.1	21.2	22.8	24.3	25.8	27.2	28.6	29.9
-80°	15.3	15.9	16.6	17.3	18.1	19.0	19.9	20.9	21.9	23.0	24.1
-82.5°	13.6	14.0	14.5	14.9	15.2	15.6	16.0	16.6	17.2	17.9	18.6
-85°	11.9	12.2	12.5	12.7	13.0	13.3	13.5	13.7	14.0	14.2	14.4
-87.5°	10.3	10.4	10.5	10.7	10.9	11.1	11.3	11.5	11.6	11.8	11.9
-90°	2.1	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.0	11.3	11.6	11.9	12.2	12.5	12.9	13.2	13.5	13.5	13.5
87.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	0.9	0.6
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.8	1.7	1.6	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	2.8	2.6	2.4	2.2	2.0	1.8	1.7	1.5	1.2	1.2	1.2
77.5°	3.7	3.5	3.1	2.8	2.5	2.3	2.2	2.2	2.2	2.3	2.3
75°	3.8	3.7	3.9	3.9	3.6	3.5	3.3	3.0	2.5	2.4	2.4
72.5°	7.3	7.6	7.4	7.3	6.7	6.2	6.0	5.7	5.4	5.3	5.2
70°	13.9	14.0	13.4	12.2	10.4	9.1	8.6	8.0	7.3	7.2	7.6
67.5°	21.1	19.3	17.6	15.6	13.1	11.4	10.8	10.1	9.4	9.1	9.1
65°	26.0	20.5	17.5	15.5	14.3	12.9	11.4	10.1	8.8	7.9	7.6
62.5°	25.7	18.0	14.5	12.9	11.7	10.8	9.4	8.2	7.1	6.4	6.3
60°	22.4	15.0	11.1	10.1	9.2	8.6	7.8	7.1	6.5	6.1	6.1
57.5°	17.5	11.7	8.6	8.4	8.1	7.6	7.1	6.8	6.4	6.1	6.4
55°	12.7	10.2	8.7	8.5	8.2	7.7	7.2	7.2	7.0	6.9	7.4
52.5°	11.0	10.1	9.7	9.4	8.9	8.6	8.5	8.5	8.6	8.8	9.0
50°	10.9	10.4	10.2	9.7	9.7	9.7	9.7	10.1	10.4	10.5	10.6
47.5°	11.3	11.1	11.5	10.8	11.1	11.9	12.0	12.3	13.2	13.4	13.4
45°	13.3	15.1	15.5	15.4	15.0	19.6	20.6	18.9	25.9	24.9	19.4
42.5°	20.5	22.7	24.1	28.5	35.0	39.3	50.8	69.7	62.4	47.0	30.3
40°	35.2	34.5	41.2	49.3	54.2	63.0	77.0	95.2	87.8	74.6	79.6
37.5°	61.9	62.7	64.9	75.6	79.5	69.7	90.3	88.8	75.3	96.3	98.8
35°	113.7	125.8	106.9	130.1	135.6	127.2	134.8	149.1	129.0	155.9	164.6
32.5°	204.6	225.4	226.3	231.7	250.9	269.5	274.8	313.4	325.9	358.5	393.5
30°	326.7	365.3	398.0	406.8	432.6	478.5	516.4	590.8	670.5	730.4	809.0
27.5°	588.9	554.1	627.1	715.9	687.5	754.3	891.0	998.4	1157.2	1271.5	1333.2
25°	952.6	896.0	1028.9	1164.3	1164.6	1175.9	1373.6	1545.9	1675.9	1779.1	1869.6
22.5°	1381.8	1452.4	1571.6	1728.8	1646.8	1721.6	1917.8	2057.8	2239.9	2418.3	2953.0
20°	1862.8	2005.6	2103.7	2080.2	2076.6	2203.6	2376.3	2646.4	3197.1	5138.7	6992.7
17.5°	2286.6	2460.0	2451.4	2352.7	2399.5	2612.7	2926.1	3974.9	6757.2	13062.8	18964.1
15°	2615.2	2692.5	2641.6	2582.6	2687.3	3006.6	3790.3	7181.7	15624.8	25722.6	37248.6
12.5°	2834.8	2804.4	2671.0	2680.6	2929.3	3378.0	6041.6	13979.1	26187.5	40527.8	69506.0
10°	2919.6	2836.6	2719.8	2827.8	3167.1	4246.9	8126.0	19409.4	37866.9	67681.1	106740.0
7.5°	2861.8	2791.0	2758.1	2949.0	3400.6	5624.5	12631.5	27453.0	54278.9	92726.4	147692.1
5°	2824.5	2777.2	2784.3	3028.5	3548.1	6637.4	15815.7	32513.3	67327.9	116946.7	186875.0
2.5°	2822.3	2794.1	2806.6	3083.8	3631.3	7156.0	17609.5	33356.0	71911.5	130121.0	218935.7
0°	2852.5	2834.2	2823.1	3094.8	3591.6	6648.5	16894.8	34709.8	75056.1	136064.9	232864.2
-2.5°	2993.5	2843.2	2836.9	3094.2	3635.6	7025.9	17313.1	34242.3	73921.1	130571.4	217922.5
-5°	2959.7	2789.8	2762.7	2978.7	3484.1	6326.9	15157.1	31623.6	64932.0	111025.5	179619.4
-7.5°	2826.0	2712.5	2664.3	2836.2	3275.7	5310.4	11754.5	24967.2	48895.0	83686.9	129434.5
-10°	2717.3	2642.4	2571.1	2690.1	3024.2	4058.3	7493.3	16749.8	33258.8	56908.8	83107.6
-12.5°	2660.1	2624.6	2496.3	2529.5	2762.9	3221.6	5243.2	11321.7	20828.4	30902.2	50480.9
-15°	2619.6	2592.7	2472.4	2464.5	2594.9	2866.0	3454.1	5872.6	11647.4	18899.6	26671.0
-17.5°	2583.0	2573.2	2509.4	2440.3	2456.6	2613.7	2937.5	3796.3	5956.5	10566.3	15589.4
-20°	2600.7	2606.3	2557.6	2485.4	2459.7	2480.0	2648.2	2944.1	3491.3	5354.9	7630.6



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2595.1	2611.7	2598.6	2603.7	2572.8	2525.5	2492.2	2621.4	2828.4	3159.8	4001.5
-25°	2594.5	2617.4	2714.5	2839.0	2826.0	2713.2	2595.0	2492.6	2611.1	2754.2	2963.1
-27.5°	2556.1	2704.6	2946.6	3130.1	3182.7	3059.0	2893.6	2721.6	2702.7	2698.2	2778.5
-30°	2543.5	2862.7	3148.1	3409.6	3446.4	3384.1	3307.5	3184.9	3053.3	2980.5	2941.6
-32.5°	2159.6	2932.4	3281.4	3516.6	3574.9	3572.1	3589.3	3531.2	3490.2	3443.0	3376.5
-35°	1639.6	2450.5	3305.0	3413.4	3508.2	3592.7	3705.8	3734.7	3757.5	3783.6	3806.8
-37.5°	1145.0	1777.1	2487.0	3106.4	3303.2	3450.2	3650.5	3797.5	3919.7	3980.4	4053.2
-40°	948.5	1123.2	1673.2	2196.6	2712.5	3188.2	3403.9	3654.3	3888.5	4018.7	4137.7
-42.5°	929.0	991.2	1057.3	1422.3	1858.9	2307.9	2749.0	3149.0	3575.0	3859.1	4068.1
-45°	935.3	966.7	1005.3	1069.3	1137.8	1480.4	1850.0	2227.4	2693.0	3147.9	3544.9
-47.5°	934.5	963.1	993.7	1024.7	1065.5	1129.4	1195.1	1301.9	1632.1	1981.2	2319.0
-50°	902.1	960.4	988.8	1017.8	1047.5	1079.1	1112.3	1159.2	1215.0	1267.4	1309.7
-52.5°	820.4	889.0	955.0	1010.3	1037.5	1065.3	1094.7	1133.8	1170.4	1204.8	1222.7
-55°	728.0	796.4	863.2	922.5	978.6	1032.6	1082.6	1118.4	1155.0	1192.2	1207.5
-57.5°	621.8	690.8	757.1	812.5	868.4	924.3	976.2	1026.0	1075.7	1122.8	1149.0
-60°	508.8	566.4	625.8	682.5	736.9	788.5	836.8	884.0	929.2	968.7	993.6
-62.5°	397.8	443.1	493.2	542.5	590.2	636.3	680.9	723.3	763.4	797.2	820.6
-65°	304.5	338.3	372.8	408.3	444.6	484.3	521.7	557.1	590.3	617.7	638.2
-67.5°	206.8	236.1	264.0	290.3	316.9	344.9	373.3	400.1	425.0	445.2	461.1
-70°	124.3	142.6	160.3	179.2	200.6	221.0	241.1	260.1	277.8	291.6	302.0
-72.5°	67.8	74.3	83.1	97.7	111.1	123.5	135.0	145.3	154.5	162.2	168.5
-75°	41.2	44.6	49.9	55.1	60.1	64.9	69.4	73.6	77.3	80.5	83.2
-77.5°	31.5	33.4	35.1	36.7	38.2	39.8	41.4	42.9	44.3	45.5	46.7
-80°	25.2	26.2	27.2	28.1	29.0	30.0	31.1	32.1	33.1	33.8	34.4
-82.5°	19.3	20.2	21.1	22.0	22.7	23.3	23.9	24.4	24.9	25.5	26.0
-85°	14.6	15.2	16.0	16.7	17.5	17.7	17.9	18.0	18.1	18.5	18.9
-87.5°	12.0	12.3	12.7	13.0	13.4	13.7	14.0	14.3	14.7	15.0	15.3
-90°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.2
87.5°	0.3	0.0	0.6	1.2	0.6	0.0	0.3	0.6	0.9	1.2	1.1
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
77.5°	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2
75°	2.4	2.4	3.0	3.7	3.0	2.4	2.4	2.4	2.4	2.5	3.0
72.5°	5.1	4.9	4.9	4.9	4.9	4.9	5.1	5.2	5.3	5.4	5.7
70°	8.0	8.4	8.6	8.6	8.6	8.4	8.0	7.6	7.2	7.3	8.0
67.5°	8.9	8.6	7.5	6.1	7.5	8.6	8.9	9.1	9.1	9.4	10.1
65°	7.5	7.4	6.8	6.1	6.8	7.4	7.5	7.6	7.9	8.8	10.1
62.5°	6.2	6.2	6.1	6.1	6.1	6.2	6.2	6.3	6.4	7.1	8.2
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.5	7.1
57.5°	6.7	7.1	7.3	7.3	7.3	7.1	6.7	6.4	6.1	6.4	6.8
55°	7.9	8.4	8.6	8.6	8.6	8.4	7.9	7.4	6.9	7.0	7.2
52.5°	9.0	8.7	9.0	9.8	9.0	8.7	9.0	9.0	8.8	8.6	8.5
50°	10.7	10.8	11.0	11.0	11.0	10.8	10.7	10.6	10.5	10.4	10.1
47.5°	13.6	13.5	13.5	13.5	13.5	13.5	13.6	13.4	13.4	13.2	12.3
45°	20.0	20.4	21.0	22.0	21.0	20.4	20.0	19.4	24.9	25.9	18.9
42.5°	31.7	32.4	32.7	33.0	32.7	32.4	31.7	30.3	47.0	62.4	69.7
40°	75.5	60.1	45.0	45.3	45.0	60.1	75.5	79.6	74.6	87.8	95.2
37.5°	86.8	78.9	75.8	74.6	75.8	78.9	86.8	98.8	96.3	75.3	88.8
35°	164.4	167.2	163.5	165.2	163.5	167.2	164.4	164.6	155.9	129.0	149.1
32.5°	404.7	421.1	415.3	417.3	415.3	421.1	404.7	393.5	358.5	325.9	313.4
30°	840.7	891.2	902.7	899.4	902.7	891.2	840.7	809.0	730.4	670.5	590.8
27.5°	1358.1	1398.1	1406.4	1398.7	1406.4	1398.1	1358.1	1333.2	1271.5	1157.2	998.4
25°	1919.5	1957.7	1979.2	1969.0	1979.2	1957.7	1919.5	1869.6	1779.1	1675.9	1545.9
22.5°	3572.1	3745.5	3830.0	3945.3	3830.0	3745.5	3572.1	2953.0	2418.3	2239.9	2057.8
20°	10534.9	11732.4	11505.5	11258.3	11505.5	11732.4	10534.9	6992.7	5138.7	3197.1	2646.4
17.5°	26296.4	32184.6	34988.4	33847.1	34988.4	32184.6	26296.4	18964.1	13062.8	6757.2	3974.9
15°	53783.9	70235.6	79854.8	77286.9	79854.8	70235.6	53783.9	37248.6	25722.6	15624.8	7181.7
12.5°	97430.0	123576.6	143607.4	146474.6	143607.4	123576.6	97430.0	69506.0	40527.8	26187.5	13979.1
10°	153223.9	201540.4	241358.4	254359.0	241358.4	201540.4	153223.9	106740.0	67681.1	37866.9	19409.4
7.5°	219727.6	284227.0	330148.1	342912.2	330148.1	284227.0	219727.6	147692.1	92726.4	54278.9	27453.0
5°	273064.6	347294.6	398147.0	413766.6	398147.0	347294.6	273064.6	186875.0	116946.7	67327.9	32513.3
2.5°	313015.4	390875.8	447581.8	473492.4	447581.8	390875.8	313015.4	218935.7	130121.0	71911.5	33356.0
0°	328491.7	406952.8	470540.1	507363.3	470540.1	406952.8	328491.7	232864.2	136064.9	75056.1	34709.8
-2.5°	313352.4	386299.2	435265.6	459412.1	435265.6	386299.2	313352.4	217922.5	130571.4	73921.1	34242.3
-5°	260876.0	325424.3	367651.2	384698.1	367651.2	325424.3	260876.0	179619.4	111025.5	64932.0	31623.6
-7.5°	186924.0	239910.4	271385.8	285749.4	271385.8	239910.4	186924.0	129434.5	83686.9	48895.0	24967.2
-10°	121442.7	150771.3	182507.2	189299.5	182507.2	150771.3	121442.7	83107.6	56908.8	33258.8	16749.8
-12.5°	68417.8	86924.7	102697.4	108389.7	102697.4	86924.7	68417.8	50480.9	30902.2	20828.4	11321.7
-15°	37016.3	47560.7	53242.2	54639.4	53242.2	47560.7	37016.3	26671.0	18899.6	11647.4	5872.6
-17.5°	21252.3	26317.5	29215.9	30546.7	29215.9	26317.5	21252.3	15589.4	10566.3	5956.5	3796.3
-20°	11356.7	14214.7	15846.6	17047.7	15846.6	14214.7	11356.7	7630.6	5354.9	3491.3	2944.1



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5216.3	6097.2	6595.0	7157.6	6595.0	6097.2	5216.3	4001.5	3159.8	2828.4	2621.4
-25°	3144.6	3263.1	3334.5	3392.2	3334.5	3263.1	3144.6	2963.1	2754.2	2611.1	2492.6
-27.5°	2847.5	2886.3	2908.7	2932.0	2908.7	2886.3	2847.5	2778.5	2698.2	2702.7	2721.6
-30°	2908.2	2868.9	2855.2	2840.3	2855.2	2868.9	2908.2	2941.6	2980.5	3053.3	3184.9
-32.5°	3309.5	3233.1	3192.1	3153.5	3192.1	3233.1	3309.5	3376.5	3443.0	3490.2	3531.2
-35°	3797.8	3763.5	3745.4	3722.6	3745.4	3763.5	3797.8	3806.8	3783.6	3757.5	3734.7
-37.5°	4065.4	4059.4	4058.4	4046.9	4058.4	4059.4	4065.4	4053.2	3980.4	3919.7	3797.5
-40°	4151.5	4149.1	4143.1	4137.4	4143.1	4149.1	4151.5	4137.7	4018.7	3888.5	3654.3
-42.5°	4123.8	4160.7	4178.5	4179.0	4178.5	4160.7	4123.8	4068.1	3859.1	3575.0	3149.0
-45°	3798.0	3986.2	4095.7	4125.2	4095.7	3986.2	3798.0	3544.9	3147.9	2693.0	2227.4
-47.5°	2619.8	2885.2	3089.8	3218.4	3089.8	2885.2	2619.8	2319.0	1981.2	1632.1	1301.9
-50°	1346.7	1381.2	1416.1	1450.1	1416.1	1381.2	1346.7	1309.7	1267.4	1215.0	1159.2
-52.5°	1237.0	1251.4	1260.4	1265.3	1260.4	1251.4	1237.0	1222.7	1204.8	1170.4	1133.8
-55°	1221.4	1234.7	1241.3	1243.3	1241.3	1234.7	1221.4	1207.5	1192.2	1155.0	1118.4
-57.5°	1171.6	1190.4	1201.5	1206.6	1201.5	1190.4	1171.6	1149.0	1122.8	1075.7	1026.0
-60°	1014.4	1031.0	1042.2	1048.7	1042.2	1031.0	1014.4	993.6	968.7	929.2	884.0
-62.5°	840.1	855.6	864.2	867.6	864.2	855.6	840.1	820.6	797.2	763.4	723.3
-65°	655.1	668.4	681.9	692.6	681.9	668.4	655.1	638.2	617.7	590.3	557.1
-67.5°	474.5	485.2	497.1	506.6	497.1	485.2	474.5	461.1	445.2	425.0	400.1
-70°	310.2	316.1	325.8	334.1	325.8	316.1	310.2	302.0	291.6	277.8	260.1
-72.5°	173.5	177.3	184.5	190.9	184.5	177.3	173.5	168.5	162.2	154.5	145.3
-75°	85.4	87.1	87.9	88.1	87.9	87.1	85.4	83.2	80.5	77.3	73.6
-77.5°	47.7	48.6	48.8	48.9	48.8	48.6	47.7	46.7	45.5	44.3	42.9
-80°	34.9	35.4	36.1	36.7	36.1	35.4	34.9	34.4	33.8	33.1	32.1
-82.5°	26.4	26.8	26.9	26.9	26.9	26.8	26.4	26.0	25.5	24.9	24.4
-85°	19.2	19.6	19.6	19.6	19.6	19.6	19.2	18.9	18.5	18.1	18.0
-87.5°	15.6	15.9	15.9	15.9	15.9	15.9	15.6	15.3	15.0	14.7	14.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.9	12.5	12.2	11.9	11.6	11.3	11.0	10.7	10.4	10.1	9.8
87.5°	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.5	1.6	1.7
82.5°	1.2	1.2	1.2	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.4
80°	1.7	1.8	2.0	2.2	2.4	2.6	2.8	2.6	2.5	2.4	2.4
77.5°	2.2	2.3	2.5	2.8	3.1	3.5	3.7	3.6	3.5	3.3	3.1
75°	3.3	3.5	3.6	3.9	3.9	3.7	3.8	4.0	4.1	4.1	4.0
72.5°	6.0	6.2	6.7	7.3	7.4	7.6	7.3	6.7	6.1	5.4	4.8
70°	8.6	9.1	10.4	12.2	13.4	14.0	13.9	12.7	10.5	8.9	7.6
67.5°	10.8	11.4	13.1	15.6	17.6	19.3	21.1	22.3	21.5	19.2	13.5
65°	11.4	12.9	14.3	15.5	17.5	20.5	26.0	29.0	30.1	29.4	23.1
62.5°	9.4	10.8	11.7	12.9	14.5	18.0	25.7	31.8	36.3	36.0	28.9
60°	7.8	8.6	9.2	10.1	11.1	15.0	22.4	30.8	40.4	37.6	31.8
57.5°	7.1	7.6	8.1	8.4	8.6	11.7	17.5	25.4	34.5	34.0	30.9
55°	7.2	7.7	8.2	8.5	8.7	10.2	12.7	17.7	24.8	26.6	25.4
52.5°	8.5	8.6	8.9	9.4	9.7	10.1	11.0	13.8	15.8	18.5	19.9
50°	9.7	9.7	9.7	9.7	10.2	10.4	10.9	11.9	13.2	14.1	14.6
47.5°	12.0	11.9	11.1	10.8	11.5	11.1	11.3	11.5	12.5	13.1	13.1
45°	20.6	19.6	15.0	15.4	15.5	15.1	13.3	14.3	13.6	13.5	13.5
42.5°	50.8	39.3	35.0	28.5	24.1	22.7	20.5	20.5	19.3	16.0	16.1
40°	77.0	63.0	54.2	49.3	41.2	34.5	35.2	29.2	27.4	23.9	22.9
37.5°	90.3	69.7	79.5	75.6	64.9	62.7	61.9	50.7	37.0	43.8	42.1
35°	134.8	127.2	135.6	130.1	106.9	125.8	113.7	88.1	72.6	76.7	70.4
32.5°	274.8	269.5	250.9	231.7	226.3	225.4	204.6	156.5	144.1	133.8	113.5
30°	516.4	478.5	432.6	406.8	398.0	365.3	326.7	334.3	274.5	208.2	170.9
27.5°	891.0	754.3	687.5	715.9	627.1	554.1	588.9	621.5	463.7	338.4	252.9
25°	1373.6	1175.9	1164.6	1164.3	1028.9	896.0	952.6	956.4	800.5	512.9	364.7
22.5°	1917.8	1721.6	1646.8	1728.8	1571.6	1452.4	1381.8	1330.7	1213.6	833.6	566.0
20°	2376.3	2203.6	2076.6	2080.2	2103.7	2005.6	1862.8	1726.7	1567.6	1251.1	822.2
17.5°	2926.1	2612.7	2399.5	2352.7	2451.4	2460.0	2286.6	2075.2	1909.7	1682.4	1115.4
15°	3790.3	3006.6	2687.3	2582.6	2641.6	2692.5	2615.2	2397.2	2235.3	2047.2	1456.4
12.5°	6041.6	3378.0	2929.3	2680.6	2671.0	2804.4	2834.8	2697.2	2488.6	2222.6	1696.2
10°	8126.0	4246.9	3167.1	2827.8	2719.8	2836.6	2919.6	2761.8	2531.5	2311.2	1901.6
7.5°	12631.5	5624.5	3400.6	2949.0	2758.1	2791.0	2861.8	2715.5	2544.8	2372.3	2072.6
5°	15815.7	6637.4	3548.1	3028.5	2784.3	2777.2	2824.5	2634.8	2534.7	2411.1	2208.5
2.5°	17609.5	7156.0	3631.3	3083.8	2806.6	2794.1	2822.3	2584.4	2515.3	2399.2	2229.9
0°	16894.8	6648.5	3591.6	3094.8	2823.1	2834.2	2852.5	2573.5	2492.7	2372.8	2218.6
-2.5°	17313.1	7025.9	3635.6	3094.2	2836.9	2843.2	2993.5	2694.1	2560.0	2399.0	2196.6
-5°	15157.1	6326.9	3484.1	2978.7	2762.7	2789.8	2959.7	2729.7	2565.3	2395.7	2140.2
-7.5°	11754.5	5310.4	3275.7	2836.2	2664.3	2712.5	2826.0	2657.1	2453.6	2294.9	2005.7
-10°	7493.3	4058.3	3024.2	2690.1	2571.1	2642.4	2717.3	2549.8	2335.9	2190.8	1850.4
-12.5°	5243.2	3221.6	2762.9	2529.5	2496.3	2624.6	2660.1	2431.4	2213.6	2085.9	1680.1
-15°	3454.1	2866.0	2594.9	2464.5	2472.4	2592.7	2619.6	2415.0	2236.0	2028.6	1500.1
-17.5°	2937.5	2613.7	2456.6	2440.3	2509.4	2573.2	2583.0	2460.9	2284.2	1992.4	1339.4
-20°	2648.2	2480.0	2459.7	2485.4	2557.6	2606.3	2600.7	2521.8	2306.2	1808.6	1160.2



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2492.2	2525.5	2572.8	2603.7	2598.6	2611.7	2595.1	2523.6	2303.4	1553.2	957.1
-25°	2595.0	2713.2	2826.0	2839.0	2714.5	2617.4	2594.5	2456.8	1975.6	1278.8	763.9
-27.5°	2893.6	3059.0	3182.7	3130.1	2946.6	2704.6	2556.1	2319.7	1583.1	1016.2	746.5
-30°	3307.5	3384.1	3446.4	3409.6	3148.1	2862.7	2543.5	1857.9	1244.8	801.8	727.5
-32.5°	3589.3	3572.1	3574.9	3516.6	3281.4	2932.4	2159.6	1407.3	909.4	778.3	723.5
-35°	3705.8	3592.7	3508.2	3413.4	3305.0	2450.5	1639.6	1047.8	822.0	758.6	722.6
-37.5°	3650.5	3450.2	3303.2	3106.4	2487.0	1777.1	1145.0	886.4	800.4	755.1	718.9
-40°	3403.9	3188.2	2712.5	2196.6	1673.2	1123.2	948.5	865.5	808.8	750.0	713.5
-42.5°	2749.0	2307.9	1858.9	1422.3	1057.3	991.2	929.0	873.9	817.3	758.1	682.5
-45°	1850.0	1480.4	1137.8	1069.3	1005.3	966.7	935.3	883.4	826.6	736.4	645.3
-47.5°	1195.1	1129.4	1065.5	1024.7	993.7	963.1	934.5	890.7	789.3	695.1	604.9
-50°	1112.3	1079.1	1047.5	1017.8	988.8	960.4	902.1	827.5	732.0	640.9	556.0
-52.5°	1094.7	1065.3	1037.5	1010.3	955.0	889.0	820.4	745.8	662.4	576.8	497.3
-55°	1082.6	1032.6	978.6	922.5	863.2	796.4	728.0	656.1	580.8	503.3	430.0
-57.5°	976.2	924.3	868.4	812.5	757.1	690.8	621.8	555.0	492.2	423.8	358.9
-60°	836.8	788.5	736.9	682.5	625.8	566.4	508.8	452.7	398.5	348.5	298.3
-62.5°	680.9	636.3	590.2	542.5	493.2	443.1	397.8	358.1	318.8	277.2	230.6
-65°	521.7	484.3	444.6	408.3	372.8	338.3	304.5	269.8	234.3	197.7	158.7
-67.5°	373.3	344.9	316.9	290.3	264.0	236.1	206.8	176.8	151.9	128.5	102.4
-70°	241.1	221.0	200.6	179.2	160.3	142.6	124.3	105.5	85.8	73.1	62.7
-72.5°	135.0	123.5	111.1	97.7	83.1	74.3	67.8	60.9	53.1	44.5	38.0
-75°	69.4	64.9	60.1	55.1	49.9	44.6	41.2	38.6	36.1	33.6	31.4
-77.5°	41.4	39.8	38.2	36.7	35.1	33.4	31.5	29.9	28.6	27.2	25.8
-80°	31.1	30.0	29.0	28.1	27.2	26.2	25.2	24.1	23.0	21.9	20.9
-82.5°	23.9	23.3	22.7	22.0	21.1	20.2	19.3	18.6	17.9	17.2	16.6
-85°	17.9	17.7	17.5	16.7	16.0	15.2	14.6	14.4	14.2	14.0	13.7
-87.5°	14.0	13.7	13.4	13.0	12.7	12.3	12.0	11.9	11.8	11.6	11.5
-90°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.5	9.2	8.9	8.6	8.6	8.6	8.6	8.6	8.0	7.4	6.7
87.5°	1.4	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7
85°	1.8	2.0	2.2	2.4	2.4	2.4	2.4	2.4	2.7	2.9	3.0
82.5°	2.4	2.4	2.4	2.4	2.6	2.7	2.8	2.8	2.9	3.1	3.3
80°	2.7	2.8	2.8	2.8	2.9	3.1	3.3	3.3	3.4	3.5	3.6
77.5°	3.1	3.2	3.5	3.5	3.4	3.4	3.5	3.8	3.9	4.0	4.0
75°	3.7	3.6	3.6	3.7	3.8	3.7	3.6	3.8	4.1	4.4	4.4
72.5°	4.5	4.2	4.0	3.8	4.0	4.0	3.9	3.8	4.1	4.4	4.7
70°	6.2	5.2	4.7	4.4	4.4	4.4	4.4	4.2	4.2	4.4	4.7
67.5°	8.6	7.1	5.9	5.1	4.7	4.7	4.8	4.8	4.6	4.5	4.8
65°	16.5	11.1	7.2	6.2	5.3	4.9	4.9	5.2	5.1	4.9	4.8
62.5°	22.6	16.8	11.6	7.9	6.2	5.4	4.9	5.4	5.5	5.3	5.1
60°	26.7	20.3	15.6	11.3	7.9	6.0	5.5	5.6	5.8	5.7	5.4
57.5°	25.6	22.2	18.7	14.4	10.3	7.2	6.1	6.1	6.1	6.1	5.8
55°	22.5	19.7	20.5	17.3	12.6	8.7	7.1	6.6	6.5	6.4	6.1
52.5°	18.5	18.5	20.2	19.5	15.4	10.5	8.5	7.2	7.0	6.8	6.5
50°	14.9	17.6	20.1	20.7	18.0	13.5	9.9	8.4	7.6	7.3	6.9
47.5°	13.5	16.8	19.3	21.9	20.3	16.4	12.1	9.5	8.1	7.7	7.3
45°	15.0	16.3	18.8	21.2	22.7	18.7	14.6	10.5	9.0	8.2	7.8
42.5°	18.1	18.3	19.0	20.6	22.5	20.5	16.8	12.4	9.8	8.7	8.2
40°	22.7	22.2	20.5	22.2	22.5	22.2	18.4	14.3	10.6	9.2	8.6
37.5°	28.8	27.5	24.8	26.4	24.1	22.7	19.7	16.1	11.7	10.0	9.0
35°	52.0	34.5	38.7	36.6	30.0	23.8	20.8	17.5	13.5	10.8	9.4
32.5°	81.8	64.7	68.4	53.8	37.9	25.4	21.9	19.0	15.2	11.6	9.7
30°	137.2	136.0	113.3	75.8	50.3	32.8	24.1	20.8	16.7	12.4	10.2
27.5°	231.2	222.5	175.3	117.4	71.4	42.6	27.9	22.8	18.3	13.4	10.8
25°	327.7	312.3	259.3	173.9	95.6	66.2	32.2	25.1	19.8	14.7	11.5
22.5°	431.4	399.2	353.4	239.8	136.5	97.7	44.2	28.6	21.6	15.9	12.1
20°	533.5	485.1	448.5	296.4	187.3	134.2	66.9	32.4	23.4	17.0	12.7
17.5°	656.2	553.8	486.2	352.3	238.1	171.0	93.7	36.4	25.3	18.0	13.3
15°	848.5	599.5	519.4	401.4	282.2	207.8	123.5	40.6	27.3	18.9	13.9
12.5°	1023.5	641.9	552.3	444.2	320.2	244.4	155.5	44.8	29.2	19.8	14.3
10°	1187.3	681.0	584.2	480.8	352.7	280.2	188.4	49.0	31.0	20.7	14.7
7.5°	1335.8	716.5	614.6	511.5	377.6	303.1	208.8	53.1	32.7	21.5	15.1
5°	1447.6	742.6	637.4	525.3	384.0	310.9	224.1	57.0	34.2	22.2	15.4
2.5°	1458.2	755.8	654.4	532.9	388.2	316.3	235.8	60.5	35.6	22.8	15.7
0°	1436.7	764.8	668.2	536.0	390.4	319.4	243.5	63.6	36.7	23.3	15.9
-2.5°	1416.1	765.1	669.4	545.5	408.0	328.7	252.1	81.8	48.4	29.9	19.0
-5°	1370.0	762.1	667.1	551.3	422.9	336.2	257.3	99.1	59.7	36.2	21.9
-7.5°	1291.7	747.4	657.6	552.9	434.6	341.9	259.7	115.2	70.2	42.1	24.6
-10°	1187.4	724.6	639.0	544.3	440.1	349.3	260.6	129.6	79.6	47.3	27.0
-12.5°	1059.8	699.3	620.1	535.7	443.5	358.1	263.0	141.7	87.9	51.9	29.1
-15°	910.0	671.8	601.8	528.3	446.0	365.1	263.0	151.6	95.3	56.2	30.8
-17.5°	744.4	642.4	584.9	523.1	447.8	370.5	260.9	159.3	101.4	60.4	32.7
-20°	709.8	628.8	570.7	521.0	449.4	374.3	256.7	164.5	106.0	63.5	34.5



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	698.4	630.2	575.3	519.4	450.9	376.4	250.7	167.2	109.0	65.4	35.6
-25°	684.9	632.9	582.1	519.1	450.7	365.8	247.8	167.0	110.2	66.0	35.8
-27.5°	682.4	637.4	588.4	514.0	442.9	353.7	246.7	167.9	110.1	65.2	35.1
-30°	686.9	642.6	582.2	503.8	431.7	333.8	241.9	166.5	109.0	64.0	33.5
-32.5°	688.5	647.5	567.3	488.8	410.3	312.9	230.8	162.7	106.1	62.1	32.6
-35°	685.9	630.9	546.6	469.8	385.1	296.3	217.8	156.5	101.1	58.8	31.6
-37.5°	680.0	601.0	521.8	444.8	359.4	277.2	206.1	146.5	94.1	54.0	29.9
-40°	646.1	569.5	493.2	416.2	335.0	255.8	192.0	135.0	86.8	47.8	27.7
-42.5°	610.4	535.4	460.6	386.9	308.9	237.7	175.8	121.2	77.3	43.2	24.8
-45°	570.3	497.5	424.5	352.1	281.2	217.1	158.1	105.9	66.3	39.1	22.5
-47.5°	526.3	454.9	383.4	313.6	255.0	194.1	137.8	91.9	54.1	34.2	21.5
-50°	476.9	406.9	337.3	277.9	224.1	168.4	116.5	76.3	47.3	28.3	20.5
-52.5°	422.2	352.0	294.0	242.3	190.2	140.0	96.9	60.1	39.7	25.3	19.2
-55°	359.6	302.5	253.3	202.5	153.6	113.7	75.6	50.4	31.4	23.6	17.9
-57.5°	305.7	256.5	206.7	159.1	120.1	86.5	59.6	39.9	27.7	21.7	17.0
-60°	250.2	201.5	155.8	120.5	88.6	64.2	46.6	31.5	25.4	19.9	15.9
-62.5°	185.7	145.3	114.1	84.4	63.8	48.1	34.6	28.4	22.8	18.7	14.9
-65°	128.7	100.1	74.4	59.8	45.4	34.7	30.7	25.2	21.1	17.5	14.0
-67.5°	77.5	64.9	52.0	39.2	33.8	30.3	26.6	23.1	19.6	16.2	13.4
-70°	51.8	40.7	35.2	32.3	29.3	26.2	24.1	21.4	18.1	15.3	12.8
-72.5°	35.3	32.7	30.2	27.6	25.4	23.5	21.8	19.7	16.8	14.3	12.1
-75°	29.2	27.4	25.6	23.7	22.1	20.7	19.6	17.9	15.5	13.3	11.2
-77.5°	24.3	22.8	21.2	20.1	19.2	18.3	17.3	16.1	14.1	12.1	10.2
-80°	19.9	19.0	18.1	17.3	16.6	15.9	15.3	14.6	12.8	11.0	9.1
-82.5°	16.0	15.6	15.2	14.9	14.5	14.0	13.6	13.1	11.4	9.8	8.3
-85°	13.5	13.3	13.0	12.7	12.5	12.2	11.9	11.6	10.2	9.0	7.8
-87.5°	11.3	11.1	10.9	10.7	10.5	10.4	10.3	10.1	9.1	8.2	7.3
-90°	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4	2.4	2.4



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.1	5.5	4.9	4.3	3.7	3.7	3.7
87.5°	2.7	2.9	3.2	3.4	3.7	3.7	3.7
85°	3.1	3.1	3.3	3.5	3.7	3.8	3.7
82.5°	3.4	3.4	3.4	3.5	3.7	3.8	3.7
80°	3.7	3.6	3.5	3.6	3.7	3.8	3.7
77.5°	4.0	3.8	3.6	3.6	3.7	3.8	3.7
75°	4.3	4.0	3.7	3.6	3.7	3.9	3.7
72.5°	4.6	4.3	3.9	3.7	3.7	3.9	3.7
70°	4.9	4.5	4.1	3.7	3.7	3.9	3.7
67.5°	4.9	4.8	4.3	3.9	3.8	3.9	3.7
65°	5.0	4.9	4.5	4.0	3.8	4.0	3.7
62.5°	5.0	5.0	4.7	4.2	3.8	4.0	3.7
60°	5.1	5.1	4.9	4.3	3.9	4.0	3.7
57.5°	5.4	5.3	5.0	4.4	4.0	4.1	3.7
55°	5.7	5.4	5.1	4.6	4.1	4.1	3.7
52.5°	6.0	5.5	5.3	4.7	4.2	4.1	3.7
50°	6.3	5.8	5.4	4.8	4.3	4.2	3.7
47.5°	6.6	6.0	5.5	4.9	4.4	4.2	3.7
45°	7.0	6.3	5.7	5.0	4.5	4.2	3.7
42.5°	7.4	6.5	5.8	5.1	4.7	4.3	3.7
40°	7.8	6.7	6.0	5.3	4.8	4.3	3.7
37.5°	8.2	6.9	6.2	5.5	4.9	4.4	3.7
35°	8.7	7.2	6.3	5.6	5.0	4.4	3.7
32.5°	9.1	7.6	6.5	5.8	5.1	4.4	3.7
30°	9.4	7.9	6.6	5.9	5.2	4.5	3.7
27.5°	9.7	8.2	6.8	6.1	5.3	4.5	3.7
25°	10.0	8.5	7.0	6.2	5.4	4.6	3.7
22.5°	10.2	8.8	7.2	6.3	5.5	4.6	3.7
20°	10.5	9.1	7.4	6.5	5.5	4.6	3.7
17.5°	10.7	9.3	7.6	6.6	5.6	4.7	3.7
15°	10.9	9.4	7.7	6.7	5.7	4.7	3.7
12.5°	11.2	9.6	7.9	6.8	5.8	4.7	3.7
10°	11.4	9.7	8.1	6.9	5.9	4.8	3.7
7.5°	11.6	9.7	8.2	7.0	5.9	4.8	3.7
5°	11.8	9.8	8.4	7.1	6.0	4.8	3.7
2.5°	12.0	9.8	8.5	7.2	6.0	4.9	3.7
0°	12.2	9.8	8.6	7.3	6.1	4.9	3.7
-2.5°	13.3	10.3	8.8	7.4	6.2	4.9	3.7
-5°	14.4	10.9	9.0	7.5	6.2	4.9	3.7
-7.5°	15.4	11.3	9.2	7.5	6.2	5.0	3.7
-10°	16.4	11.8	9.3	7.6	6.3	5.0	3.7
-12.5°	17.2	12.2	9.5	7.6	6.3	5.0	3.7
-15°	17.9	12.5	9.6	7.7	6.3	5.0	3.7
-17.5°	18.5	12.8	9.7	7.7	6.4	5.0	3.7
-20°	19.1	13.0	9.8	7.7	6.4	5.0	3.7



REPORT NUMBER: P1306157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.7	13.2	9.8	7.8	6.4	5.0	3.7
-25°	20.1	13.3	9.8	7.8	6.4	5.0	3.7
-27.5°	20.0	13.3	9.8	7.8	6.4	5.0	3.7
-30°	19.6	13.3	9.7	7.8	6.4	5.0	3.7
-32.5°	18.7	13.2	9.7	7.7	6.4	5.0	3.7
-35°	18.3	13.0	9.7	7.7	6.4	5.0	3.7
-37.5°	18.0	12.8	9.6	7.7	6.3	4.9	3.7
-40°	17.6	12.7	9.5	7.6	6.3	4.9	3.7
-42.5°	17.1	12.5	9.4	7.6	6.3	4.9	3.7
-45°	16.5	12.3	9.4	7.6	6.2	4.8	3.7
-47.5°	15.7	12.0	9.3	7.5	6.2	4.8	3.7
-50°	15.2	11.6	9.2	7.5	6.2	4.8	3.7
-52.5°	14.6	11.1	9.1	7.4	6.1	4.7	3.7
-55°	14.0	10.9	9.0	7.3	6.1	4.7	3.7
-57.5°	13.2	10.7	8.8	7.2	6.0	4.6	3.7
-60°	12.5	10.4	8.6	7.1	5.9	4.6	3.7
-62.5°	12.1	10.2	8.4	6.9	5.8	4.5	3.7
-65°	11.7	9.9	8.1	6.8	5.6	4.4	3.7
-67.5°	11.2	9.4	7.8	6.6	5.5	4.4	3.7
-70°	10.8	8.9	7.5	6.4	5.3	4.3	3.7
-72.5°	10.0	8.4	7.1	6.1	5.1	4.2	3.7
-75°	9.2	7.8	6.7	5.9	4.9	4.2	3.7
-77.5°	8.3	7.2	6.4	5.6	4.7	4.1	3.7
-80°	7.4	6.8	6.1	5.4	4.5	4.0	3.7
-82.5°	7.0	6.5	5.8	5.1	4.3	3.9	3.7
-85°	6.7	6.1	5.5	4.8	4.1	3.9	3.7
-87.5°	6.4	5.8	5.2	4.6	3.9	3.8	3.7
-90°	2.4	2.7	3.1	3.4	3.7	3.7	3.7

(END OF REPORT)