

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: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-3S-CV2-A**

Issue Date: 2/3/2026

Test Information

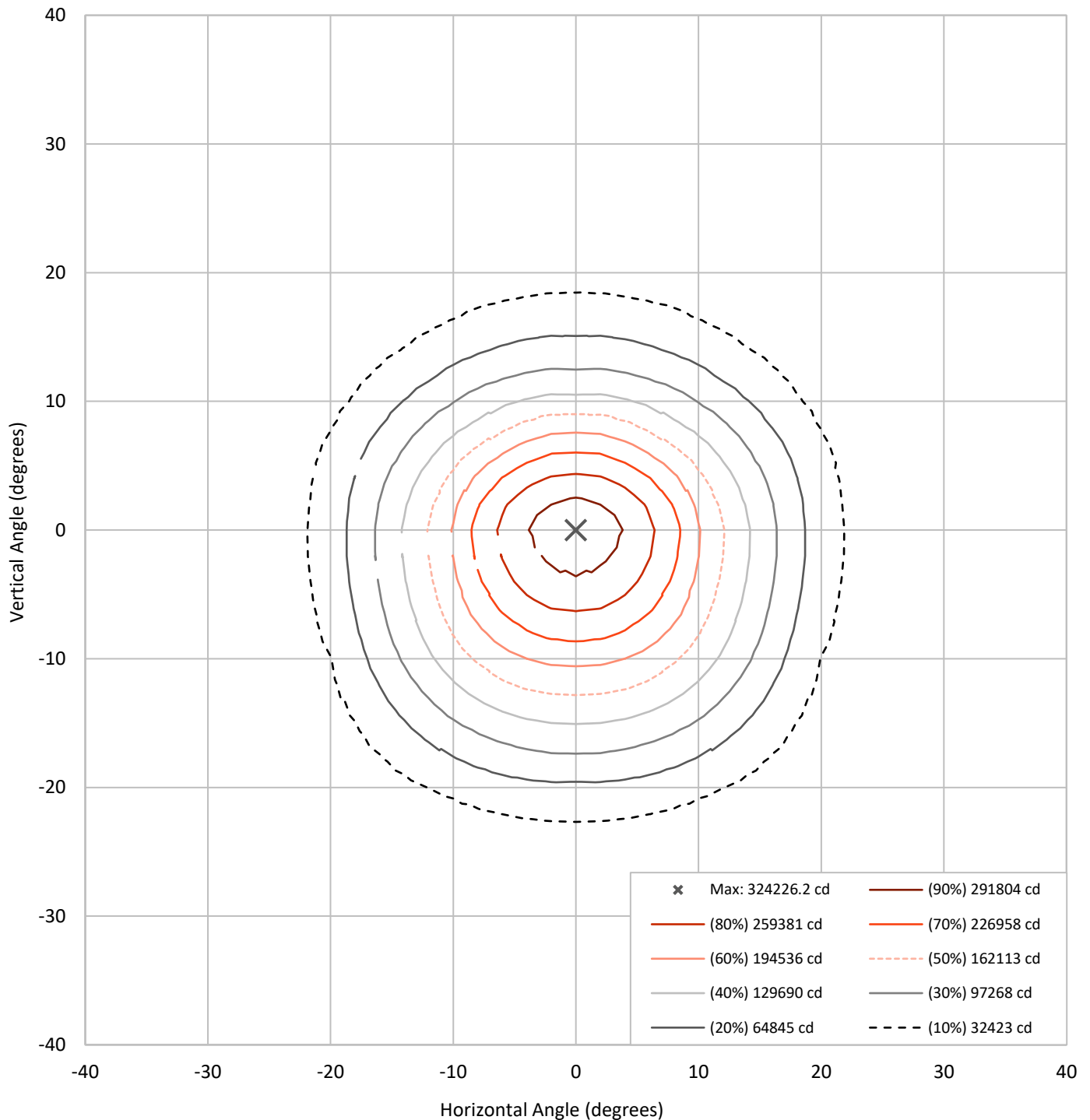
Test Method: LM-79-08
Report Number: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-18)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-3S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	63998.3 lumens	Max Intensity:	324226.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.2°H x 21.8°V	Field Angle (10%):	43.8°H x 40.9°V
Beam Lumens:	28998.5 lumens	Field Lumens:	54877.4 lumens
Beam Efficiency:	45.3%	Field Efficiency:	85.7%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





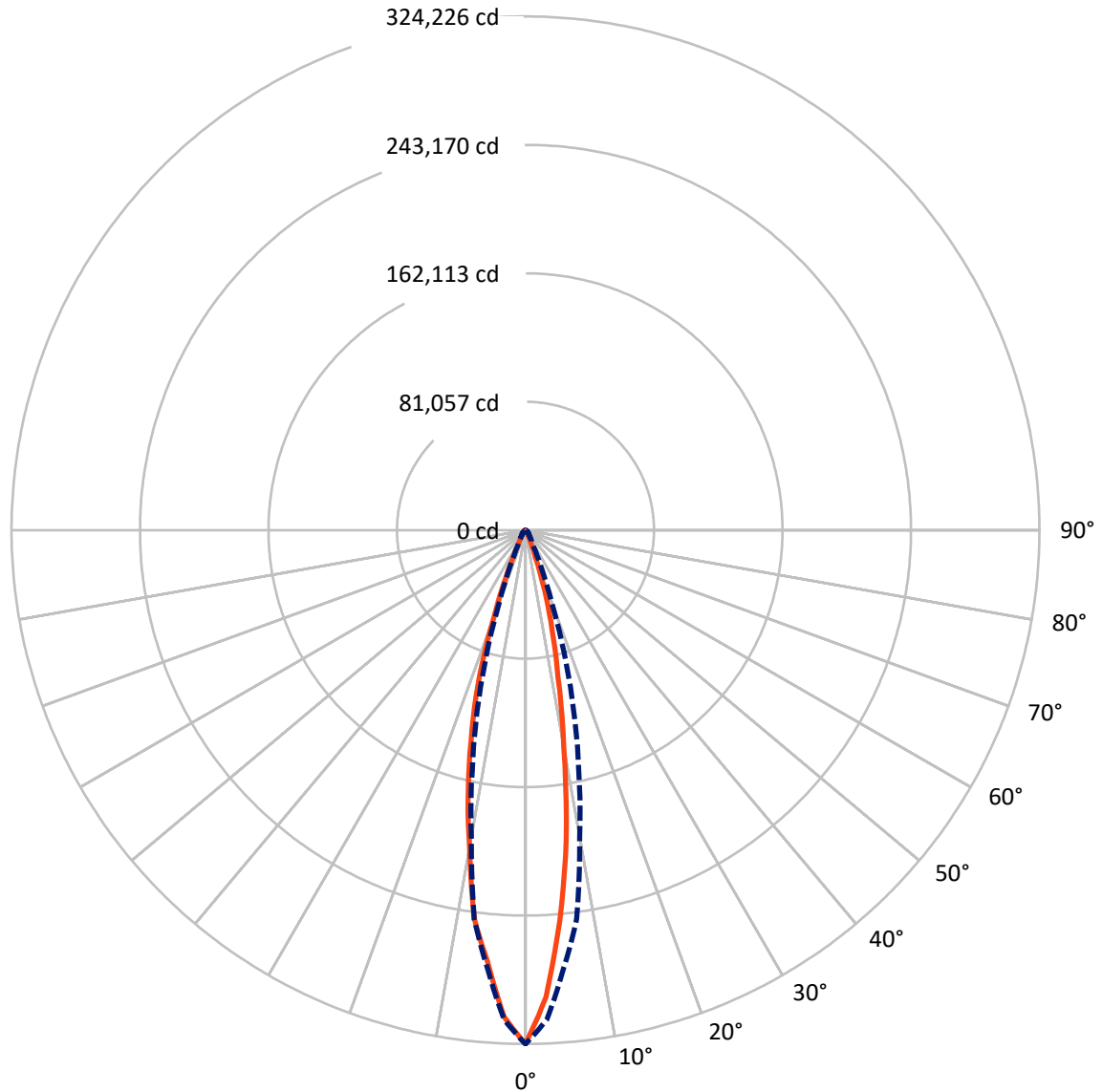
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Lumen Table

90	0.2	0.5		0.6		0.5		0.4		0.5		0.6		0.5		0.2			
80	0.2	0.5		0.6		0.5		0.4		0.5		0.6		0.5		0.2			
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.5	0.6	0.8	1.0	1.2	1.2	1.0	0.8	0.6	0.5	0.4	0.2	0.2			
40		0.2	0.8	1.7	3.5	5.4	6.8	8.3	8.3	6.8	5.4	3.5	1.7	0.8	0.2				
30	0.2	0.4	2.6	8.5	22.3	38.4	88.0	183.8	183.8	88.0	38.4	22.3	8.5	2.6	0.4	0.2			
20		0.9	6.3	22.7	56.0	153.6	807.6	1896.2	1896.2	807.6	153.6	56.0	22.7	6.3	0.9				
10	0.3	1.7	11.1	42.5	102.6	462.6	2787.7	6377.2	6377.2	2787.7	462.6	102.6	42.5	11.1	1.7	0.3			
0		2.8	14.7	51.4	117.7	499.2	3217.0	7249.5	7249.5	3217.0	499.2	117.7	51.4	14.7	2.8				
-10	0.6	3.3	15.0	48.8	108.1	291.0	1644.9	3601.5	3601.5	1644.9	291.0	108.1	48.8	15.0	3.3	0.6			
-20		3.1	12.5	31.9	74.5	131.3	301.6	614.5	614.5	301.6	131.3	74.5	31.9	12.5	3.1				
-30	0.4	2.6	9.0	19.6	43.2	77.2	106.8	129.3	129.3	106.8	77.2	43.2	19.6	9.0	2.6	0.4			
-40		1.8	6.3	13.7	24.8	42.6	69.2	90.1	90.1	69.2	42.6	24.8	13.7	6.3	1.8				
-50	0.3	0.9	3.9	9.0	16.2	24.4	31.7	36.5	36.5	31.7	24.4	16.2	9.0	3.9	0.9	0.3			
-60		0.3	1.5	4.6	9.1	14.6	20.1	23.5	23.5	20.1	14.6	9.1	4.6	1.5	0.3				
-70	0.2	0.9		3.2		8.8		12.7		8.8		3.2		0.9		0.2			
-80		0.9		3.2		8.8		12.7		8.8		3.2		0.9					
-90	0.2	0.9		3.2		8.8		12.7		8.8		3.2		0.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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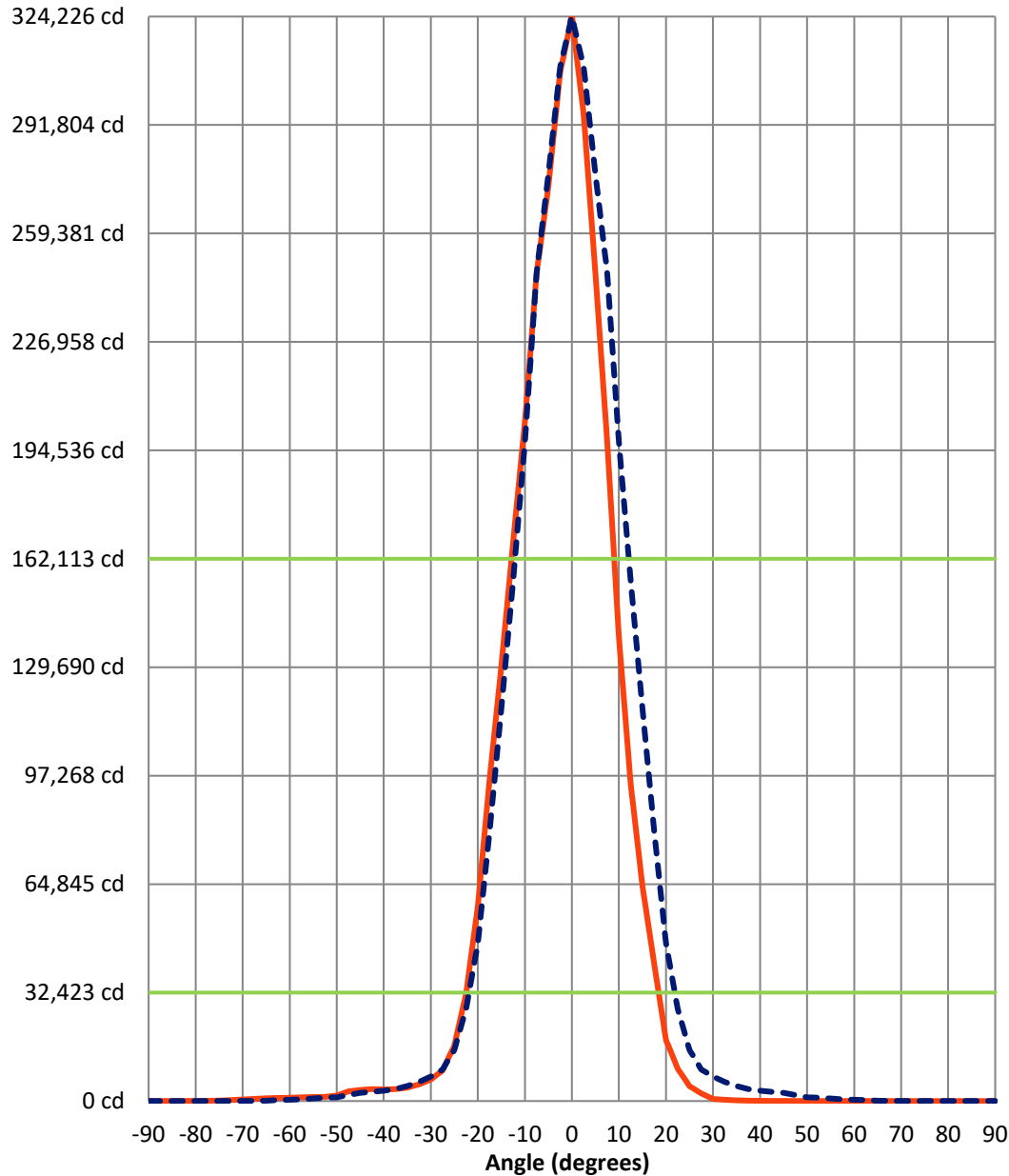
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 21.8°
 Lumens: 28998.5
 Efficiency: 45.3%

Field:
 H Angle: 43.8°
 V Angle: 40.9°
 Lumens: 54877.4
 Efficiency: 85.7%

Spill:
 Lumens: 9120.9
 Efficiency: 14.3%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.7	9.2	9.6	10.0
87.5°	8.3	8.3	8.4	8.5	8.4	8.4	8.3	8.3	8.3	8.3	8.3
85°	8.3	8.4	8.6	8.6	8.6	8.5	8.3	8.3	8.3	8.3	8.3
82.5°	8.3	8.4	8.7	8.8	8.7	8.6	8.3	8.3	8.3	8.4	8.3
80°	8.3	8.4	8.9	9.0	8.9	8.7	8.4	8.6	8.6	8.6	8.3
77.5°	8.3	8.5	9.0	9.1	9.1	8.9	8.8	9.0	8.9	8.8	8.4
75°	8.3	8.5	9.1	9.3	9.2	9.1	9.3	9.4	9.3	8.8	8.4
72.5°	8.3	8.5	9.3	9.5	9.4	9.4	9.7	9.7	9.3	8.9	8.5
70°	8.3	8.6	9.4	9.7	9.5	9.7	10.0	9.7	9.3	8.9	8.5
67.5°	8.3	8.6	9.5	9.7	9.7	9.9	10.0	9.8	9.4	9.0	8.6
65°	8.3	8.6	9.6	9.8	9.8	10.0	10.0	9.8	9.4	9.1	8.8
62.5°	8.3	8.6	9.7	9.8	9.9	10.0	10.0	9.9	9.5	9.2	9.4
60°	8.3	8.7	9.8	9.9	10.0	10.0	10.0	10.0	9.6	9.5	9.9
57.5°	8.3	8.7	9.8	9.9	10.0	10.0	10.0	10.0	9.7	9.8	10.0
55°	8.3	8.7	9.7	9.9	10.0	10.0	10.0	10.0	9.9	10.0	10.0
52.5°	8.3	8.7	9.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
50°	8.3	8.7	9.7	10.0	10.0	10.0	10.0	10.1	10.0	10.0	10.8
47.5°	8.3	8.7	9.7	10.0	10.0	10.0	10.0	10.2	10.0	10.0	11.5
45°	8.3	8.7	9.7	10.0	10.0	10.0	10.2	10.4	10.1	10.5	12.2
42.5°	8.3	8.7	9.7	10.0	10.0	10.0	10.3	10.5	10.2	11.0	12.8
40°	8.3	8.7	9.7	10.0	10.0	10.0	10.5	10.6	10.4	11.4	13.2
37.5°	8.3	8.7	9.7	10.0	10.0	10.0	10.7	10.7	10.9	12.0	13.5
35°	8.3	8.7	9.7	10.0	10.0	10.1	11.0	10.8	11.4	12.7	13.6
32.5°	8.3	8.7	9.8	10.0	10.0	10.3	11.2	10.9	11.9	13.5	14.7
30°	8.3	8.7	9.8	10.0	10.0	10.5	11.3	11.1	12.3	14.3	16.2
27.5°	8.3	8.6	9.8	10.0	10.0	10.7	11.4	11.5	12.9	15.3	18.0
25°	8.3	8.6	9.8	10.0	10.0	10.9	11.5	11.8	13.6	16.6	20.3
22.5°	8.3	8.6	9.8	10.0	10.0	11.0	11.6	12.1	14.4	18.3	24.7
20°	8.3	8.6	9.9	10.0	10.0	11.2	11.7	12.5	15.2	20.1	29.1
17.5°	8.3	8.5	9.9	10.0	10.0	11.3	11.8	12.8	16.0	22.0	33.2
15°	8.3	8.5	9.9	10.0	10.0	11.4	12.0	13.1	16.8	24.0	37.1
12.5°	8.3	8.5	9.9	10.0	10.0	11.5	12.2	13.5	18.2	26.0	40.9
10°	8.3	8.4	10.0	10.0	10.0	11.6	12.4	13.8	20.2	30.0	47.4
7.5°	8.3	8.4	10.0	10.0	10.0	11.6	12.7	14.1	22.3	34.3	60.7
5°	8.3	8.4	10.0	10.0	10.0	11.7	12.9	14.5	24.4	38.6	74.6
2.5°	8.3	8.3	10.0	10.0	10.0	11.7	13.2	14.7	26.5	42.8	88.5
0°	8.3	8.3	10.0	10.0	10.0	11.7	13.4	15.0	28.4	46.7	101.8
-2.5°	8.3	8.3	10.0	10.0	10.0	11.7	14.7	20.0	37.7	62.1	123.7
-5°	8.3	8.3	10.0	10.0	10.0	11.7	16.0	24.7	46.5	76.8	144.2
-7.5°	8.3	8.3	10.0	10.0	10.0	11.6	17.1	29.2	54.8	90.6	162.8
-10°	8.3	8.3	9.9	10.0	10.0	11.6	18.1	33.2	62.3	103.2	179.3
-12.5°	8.3	8.3	9.9	10.0	10.0	11.5	18.8	36.6	68.8	114.1	190.7
-15°	8.3	8.3	9.9	10.0	10.0	11.4	19.3	39.2	74.6	122.9	198.7
-17.5°	8.3	8.3	9.8	10.0	10.0	11.3	19.5	41.7	79.8	130.3	204.4
-20°	8.3	8.3	9.8	10.0	10.0	11.2	19.8	43.8	83.7	136.2	207.7



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 CATALOG NUMBER: EPH-08-530N-40-80-3S-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	8.3	9.7	10.0	10.0	11.0	20.4	44.9	85.9	140.5	208.5
-25°	8.3	8.3	9.7	10.0	10.0	11.2	20.4	44.9	86.6	143.0	206.8
-27.5°	8.3	8.3	9.6	10.0	10.0	11.4	19.8	43.7	85.6	143.8	208.6
-30°	8.3	8.3	9.5	10.0	10.0	11.6	18.7	41.3	83.8	142.3	208.6
-32.5°	8.3	8.3	9.5	10.0	10.2	11.6	16.8	39.6	80.9	138.4	206.2
-35°	8.3	8.3	9.4	10.0	10.3	11.4	16.2	37.4	76.3	132.1	201.4
-37.5°	8.3	8.3	9.3	10.0	10.4	11.3	16.0	34.3	69.8	123.2	186.5
-40°	8.3	8.3	9.2	10.0	10.5	11.5	15.6	30.1	61.5	113.7	169.4
-42.5°	8.3	8.3	9.1	10.0	10.6	11.6	15.1	25.0	54.4	100.1	151.1
-45°	8.3	8.3	9.0	10.1	10.7	11.7	14.3	21.1	47.3	84.9	132.1
-47.5°	8.3	8.3	8.9	10.1	10.7	11.7	13.3	19.8	38.8	68.8	113.8
-50°	8.3	8.3	8.8	10.0	10.7	11.7	13.1	18.3	28.8	57.3	94.2
-52.5°	8.3	8.3	8.7	9.9	10.7	11.7	13.1	16.5	24.1	45.0	74.0
-55°	8.3	8.3	8.5	9.7	10.7	11.7	13.0	14.7	21.5	31.9	59.1
-57.5°	8.3	8.3	8.4	9.6	10.7	11.6	12.9	14.5	18.6	26.2	43.2
-60°	8.3	8.3	8.3	9.4	10.6	11.5	12.7	14.2	16.1	22.5	30.4
-62.5°	8.3	8.3	8.3	9.2	10.4	11.3	12.5	13.8	15.5	18.5	25.7
-65°	8.3	8.3	8.3	9.1	10.2	11.2	12.2	13.4	14.8	16.8	20.6
-67.5°	8.3	8.3	8.3	8.9	9.9	10.9	11.9	12.9	14.0	15.7	17.9
-70°	8.3	8.3	8.3	8.7	9.7	10.6	11.6	12.4	13.3	14.4	16.3
-72.5°	8.3	8.3	8.3	8.6	9.4	10.3	11.2	11.8	12.6	13.5	14.6
-75°	8.3	8.3	8.3	8.6	9.1	10.0	10.8	11.3	11.8	12.5	13.3
-77.5°	8.3	8.3	8.3	8.6	9.0	9.7	10.4	10.8	11.2	11.5	12.0
-80°	8.3	8.3	8.3	8.5	8.9	9.4	10.0	10.3	10.6	10.9	11.2
-82.5°	8.3	8.3	8.3	8.5	8.7	9.1	9.6	9.9	10.0	10.2	10.5
-85°	8.3	8.3	8.3	8.4	8.6	8.8	9.2	9.5	9.7	9.9	10.0
-87.5°	8.3	8.3	8.3	8.4	8.4	8.6	8.7	9.1	9.4	9.7	10.0
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3



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 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.6	9.2	8.7	8.3	8.3	8.3	8.3	8.3	7.9	7.5	7.1
87.5°	7.9	7.5	7.1	6.7	6.7	6.7	6.7	6.7	6.3	5.9	5.4
85°	7.9	7.5	7.2	6.9	7.0	6.9	6.8	6.7	6.3	5.9	5.4
82.5°	8.1	7.9	7.8	7.9	7.7	7.5	7.1	6.7	6.3	5.9	5.5
80°	8.2	8.3	8.3	8.3	8.0	7.6	7.2	6.8	6.3	5.9	5.5
77.5°	8.3	8.3	8.3	8.3	8.0	7.6	7.2	6.8	6.4	6.0	5.5
75°	8.3	8.3	8.3	8.3	8.1	7.7	7.3	7.2	7.1	7.0	6.8
72.5°	8.3	8.3	8.3	8.3	8.2	8.0	8.0	8.2	8.5	8.6	8.5
70°	8.3	8.3	8.5	8.4	8.3	8.5	9.2	10.2	10.9	11.7	13.9
67.5°	8.4	8.8	8.9	8.8	9.0	9.8	10.9	15.4	20.8	23.3	24.6
65°	9.1	9.4	9.4	9.5	9.9	13.1	18.1	24.5	31.5	33.1	32.9
62.5°	9.9	9.8	9.8	10.8	13.4	17.9	24.6	32.0	39.8	38.3	33.1
60°	10.0	9.9	11.1	13.6	17.1	23.0	30.7	34.4	36.9	36.8	30.3
57.5°	10.0	10.9	13.2	16.6	21.7	26.7	28.4	30.6	32.3	33.3	26.2
55°	10.4	12.3	15.4	20.1	24.0	23.3	24.2	25.6	26.8	25.3	18.9
52.5°	11.6	13.8	17.8	21.9	22.7	21.0	19.7	20.7	19.8	17.2	14.3
50°	12.6	15.5	19.6	22.2	21.7	18.8	16.3	16.7	15.9	13.9	12.2
47.5°	13.7	17.0	21.0	22.7	20.4	18.5	16.3	15.7	14.9	15.5	14.6
45°	14.7	18.1	22.4	21.9	20.5	19.8	18.8	16.6	19.1	20.0	19.8
42.5°	15.5	19.0	22.3	21.6	22.8	23.3	23.0	23.9	25.4	27.7	28.7
40°	15.9	19.6	23.2	25.6	26.3	28.6	31.7	34.1	35.0	38.4	40.6
37.5°	16.2	21.4	26.6	33.0	32.2	36.9	42.1	51.1	53.8	50.6	56.9
35°	16.1	24.1	35.7	44.5	45.8	47.8	61.4	75.0	83.4	75.1	82.8
32.5°	17.9	27.9	47.3	59.8	68.8	71.0	84.4	112.5	127.0	129.0	129.8
30°	22.0	38.6	61.7	78.0	98.4	114.7	127.7	160.0	183.1	240.5	286.8
27.5°	27.4	51.7	79.0	105.3	135.8	166.1	196.8	222.3	297.1	405.0	525.2
25°	32.7	70.6	98.1	138.9	185.2	229.5	270.7	305.6	451.6	672.5	820.3
22.5°	43.0	92.9	125.8	176.3	239.7	298.0	348.8	440.9	645.2	972.3	1131.3
20°	59.7	116.4	159.8	221.2	300.6	368.7	428.3	582.4	880.5	1187.2	1384.4
17.5°	78.1	141.1	196.7	277.8	379.4	454.7	515.8	720.0	1108.6	1401.7	1602.6
15°	97.4	166.5	233.2	339.4	465.7	559.1	683.0	934.0	1310.1	1612.2	1858.7
12.5°	117.3	192.2	269.0	404.4	557.5	664.6	886.9	1250.9	1586.5	1849.9	2218.8
10°	137.1	217.8	303.5	470.9	652.4	770.0	1111.1	1564.1	1888.5	2159.4	2583.6
7.5°	175.8	253.8	340.7	537.1	748.0	874.5	1346.2	1868.8	2171.2	2447.0	2894.0
5°	217.5	300.1	398.5	619.5	842.8	968.7	1564.8	2159.4	2436.3	2714.1	3157.3
2.5°	257.9	344.7	454.3	699.5	931.9	1045.3	1695.4	2320.8	2608.3	2921.5	3381.2
0°	295.5	387.3	507.5	772.9	1013.3	1116.8	1801.2	2457.2	2752.7	3094.9	3577.3
-2.5°	325.8	428.9	557.3	814.6	1041.6	1157.4	1822.9	2507.4	2827.3	3193.8	3671.5
-5°	351.1	467.6	603.3	849.0	1063.4	1193.3	1818.6	2525.2	2889.8	3268.8	3757.3
-7.5°	370.8	502.6	644.8	873.9	1074.8	1210.3	1813.1	2549.0	2958.4	3319.9	3826.7
-10°	381.8	517.1	653.7	870.5	1072.0	1214.1	1773.5	2534.7	3014.4	3357.0	3848.5
-12.5°	370.3	512.5	651.4	859.5	1064.5	1213.4	1687.4	2479.7	3059.1	3382.4	3807.3
-15°	356.9	505.0	642.5	840.8	1052.9	1208.3	1550.0	2382.1	3036.6	3289.8	3686.7
-17.5°	342.3	494.5	626.3	814.6	1037.6	1198.8	1348.8	2134.8	2807.2	3131.6	3556.1
-20°	327.2	481.1	602.5	780.8	1015.9	1152.7	1254.1	1822.1	2479.2	2936.6	3327.8



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	312.2	464.8	577.0	749.5	937.4	1076.6	1184.1	1503.2	2139.5	2695.1	2987.0
-25°	304.2	441.1	555.7	691.9	853.9	998.3	1103.0	1216.5	1784.6	2318.4	2685.8
-27.5°	300.5	419.6	524.2	634.5	774.5	915.5	1015.4	1122.4	1434.6	1939.0	2379.5
-30°	293.5	390.3	491.3	582.8	707.2	829.2	927.3	1037.7	1163.3	1570.7	1977.5
-32.5°	277.1	360.6	456.9	544.9	644.1	750.8	859.5	967.5	1075.1	1223.3	1596.1
-35°	257.8	335.7	422.4	506.0	585.0	687.3	795.9	902.2	993.5	1088.2	1294.6
-37.5°	242.3	308.9	388.4	467.6	542.1	629.6	729.6	832.9	926.1	1011.7	1129.3
-40°	225.2	280.1	356.2	431.1	501.3	576.6	665.7	758.8	855.0	955.0	1047.0
-42.5°	206.4	259.4	322.9	395.2	461.0	530.3	601.6	687.8	782.4	887.9	983.3
-45°	185.0	237.4	289.5	355.9	419.2	483.0	549.8	617.9	710.8	805.6	905.4
-47.5°	162.4	213.5	263.6	316.7	376.9	435.1	496.3	566.0	638.9	725.5	813.7
-50°	139.2	187.5	236.1	284.3	335.7	388.5	442.4	512.9	582.2	650.0	725.7
-52.5°	115.8	160.4	206.8	253.0	298.8	346.3	397.8	459.9	525.4	588.9	651.7
-55°	91.1	132.6	176.0	219.9	263.6	306.7	356.8	411.9	468.5	529.2	587.6
-57.5°	70.1	103.3	143.4	185.2	226.4	268.5	317.7	365.1	416.6	470.1	522.5
-60°	51.1	76.6	108.7	147.4	187.7	229.0	277.5	324.6	368.6	411.4	460.6
-62.5°	33.7	53.6	77.8	106.9	143.6	184.9	228.5	274.8	324.7	363.7	402.2
-65°	27.7	34.2	50.7	73.4	97.7	132.9	172.5	215.4	258.6	297.5	338.5
-67.5°	21.4	27.5	33.3	42.0	62.8	86.2	111.1	146.6	184.2	216.8	249.9
-70°	18.6	21.4	26.3	31.4	36.3	45.9	66.5	88.2	109.8	130.7	157.8
-72.5°	16.5	18.9	21.5	24.2	28.4	32.9	37.7	42.7	54.9	71.0	86.1
-75°	14.7	16.3	18.4	20.8	23.0	25.1	27.7	31.6	35.6	39.3	42.9
-77.5°	13.1	14.4	15.9	17.5	18.9	20.6	22.3	24.2	26.1	28.0	30.2
-80°	11.7	12.5	13.5	14.7	15.5	16.3	17.3	18.5	19.5	20.6	21.8
-82.5°	10.8	11.2	11.8	12.4	12.5	12.4	12.3	12.7	13.4	14.2	14.8
-85°	10.0	10.0	10.2	10.5	10.6	10.7	10.8	10.7	10.6	10.5	10.5
-87.5°	9.8	9.6	9.4	9.3	9.3	9.4	9.4	9.5	9.1	8.8	8.4
-90°	7.9	7.5	7.1	6.7	6.7	6.7	6.7	6.7	6.3	5.9	5.4



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.7	6.7	6.7	6.7	6.7	7.1	7.5	7.9	8.3	9.6	10.9
87.5°	5.0	4.6	4.2	3.7	3.3	2.9	2.5	2.1	1.7	1.7	1.7
85°	5.0	4.6	4.2	3.7	3.3	2.9	2.5	2.1	1.7	1.7	1.7
82.5°	5.0	4.8	4.7	4.6	4.5	4.2	3.9	3.5	3.2	2.8	2.5
80°	5.1	5.0	5.0	5.0	5.0	4.6	4.2	3.8	3.3	2.9	2.5
77.5°	5.3	5.3	5.3	5.2	5.0	4.7	4.2	3.8	3.4	2.9	2.5
75°	6.7	6.5	6.2	5.7	5.2	4.7	4.3	3.8	3.4	3.3	3.2
72.5°	8.2	7.7	7.4	7.8	7.7	7.5	7.3	6.8	6.2	6.1	6.3
70°	15.2	16.0	16.1	15.3	13.7	12.2	11.1	9.8	8.4	8.0	8.1
67.5°	24.3	23.1	21.7	19.8	17.0	14.5	12.9	11.5	10.1	9.6	9.8
65°	30.3	25.1	21.6	18.7	16.5	14.5	12.9	11.2	9.7	8.7	8.6
62.5°	27.7	21.7	18.0	15.7	14.1	12.9	10.8	9.2	7.9	7.3	7.5
60°	23.8	17.4	13.5	11.7	10.0	8.4	7.7	7.2	6.9	6.7	6.8
57.5°	18.9	13.2	9.9	9.2	8.3	7.2	6.9	7.0	6.9	6.7	6.7
55°	13.9	11.3	10.0	9.5	9.1	8.6	8.2	8.1	7.9	7.7	7.9
52.5°	11.2	11.2	11.4	11.2	10.8	10.3	9.9	9.9	10.1	10.3	10.8
50°	12.5	12.8	13.1	13.0	12.6	12.1	11.6	12.1	12.9	13.5	14.0
47.5°	14.5	15.0	15.9	14.8	15.0	15.9	15.3	15.5	18.0	19.5	20.6
45°	18.4	21.3	22.0	22.7	22.9	24.6	25.4	26.0	30.8	32.8	32.9
42.5°	29.3	32.1	34.3	36.5	36.2	41.6	48.9	53.0	52.8	52.0	52.8
40°	44.3	47.3	54.1	59.2	67.2	74.3	74.8	67.9	68.7	76.6	77.3
37.5°	66.5	75.8	89.3	104.2	108.2	103.6	106.4	111.4	116.6	123.9	132.5
35°	106.0	137.1	143.2	154.7	162.3	154.8	157.8	171.0	171.2	194.8	207.8
32.5°	188.1	235.8	250.4	240.0	260.1	272.2	235.0	281.8	290.8	315.0	344.8
30°	306.7	406.0	436.7	422.3	476.5	493.6	460.8	554.9	610.3	609.2	748.8
27.5°	582.8	632.4	690.0	778.0	789.3	818.7	1004.3	1147.8	1330.1	1502.4	1726.0
25°	891.6	919.8	1084.9	1193.7	1247.4	1443.6	1718.6	1942.9	2329.6	2690.5	3441.8
22.5°	1176.1	1281.2	1482.7	1656.8	1852.4	2168.3	2547.7	2964.0	3991.5	5255.6	6841.8
20°	1455.3	1593.6	1834.3	2147.4	2459.7	2889.4	3393.7	4712.6	6733.1	9795.3	13104.7
17.5°	1770.4	1903.5	2231.5	2673.7	3148.9	3792.9	5339.8	7859.9	12150.6	18141.1	23920.2
15°	2179.5	2408.5	2771.4	3424.8	4334.2	5852.1	8373.9	14589.9	23155.9	32471.8	42459.4
12.5°	2658.2	3035.6	3626.4	4470.7	5780.2	9366.1	15703.6	25685.1	38485.9	51569.8	67985.1
10°	3121.5	3752.8	4656.9	5987.3	8592.5	14244.1	23685.8	38091.4	57704.9	77934.6	96063.4
7.5°	3528.4	4363.7	5580.3	7445.0	11580.8	19748.8	33331.6	53405.2	77852.2	102850.7	127228.5
5°	3944.0	4937.2	6355.0	8536.7	13403.1	23733.4	41167.9	67424.6	96961.3	127239.1	159056.6
2.5°	4285.1	5418.7	7001.7	9441.7	14480.0	25874.9	46027.5	77189.0	111316.2	145979.9	185571.3
0°	4490.4	5717.3	7321.5	9469.9	15325.8	27561.8	47227.8	80645.5	117376.7	155488.5	196925.5
-2.5°	4496.8	5655.1	7165.7	9380.1	15144.8	27100.6	47311.6	80559.3	117050.8	153755.9	194647.6
-5°	4482.8	5513.4	6932.0	9057.9	14061.4	24694.7	43682.0	75339.9	111282.6	146019.3	183264.5
-7.5°	4461.3	5326.0	6600.0	8542.7	12674.9	21790.9	39501.4	68481.8	102393.6	134749.3	168090.0
-10°	4436.6	5131.9	6294.5	8100.7	11418.8	18336.8	31776.2	58168.7	89277.7	119134.8	146475.1
-12.5°	4415.3	5052.3	6048.4	7491.8	9892.0	15365.7	26827.4	47536.8	72729.0	97940.0	122159.3
-15°	4333.8	4946.8	5847.5	7039.5	8985.4	12813.6	20026.9	34341.9	55028.1	74943.4	94169.0
-17.5°	4167.0	4796.7	5363.4	6291.3	7694.9	10191.2	14917.3	23543.2	36825.3	52393.0	65956.4
-20°	3840.1	4271.7	4741.8	5529.9	6610.2	7924.3	10079.7	14994.7	21310.1	31464.6	38576.1



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3354.6	3717.7	4113.2	4638.2	5397.9	6325.4	7475.5	9292.5	12588.0	16501.8	20827.5
-25°	2911.9	3172.8	3539.3	3990.4	4396.9	5002.0	5808.0	6513.0	7936.4	9087.7	11466.8
-27.5°	2576.3	2793.2	3125.1	3475.0	3775.1	4099.3	4660.1	5158.4	5851.0	6455.6	7422.8
-30°	2333.6	2555.9	2822.7	3087.8	3372.9	3647.7	3898.8	4276.6	4692.0	5086.4	5598.0
-32.5°	2034.0	2384.7	2577.8	2802.1	3055.7	3296.1	3487.5	3726.4	3955.1	4216.3	4496.9
-35°	1721.1	2104.2	2400.7	2573.0	2761.3	2991.0	3187.1	3350.5	3502.0	3664.3	3812.5
-37.5°	1352.5	1775.8	2113.6	2368.6	2540.6	2700.9	2911.3	3068.4	3168.6	3303.0	3404.4
-40°	1162.5	1332.0	1715.9	2062.5	2284.1	2536.5	2732.3	2898.6	3082.1	3225.3	3307.9
-42.5°	1069.8	1168.1	1270.3	1553.4	1900.2	2203.3	2455.7	2729.3	2974.7	3169.8	3351.4
-45°	998.2	1068.0	1140.8	1234.7	1331.8	1615.5	1926.6	2246.5	2532.9	2800.7	3030.3
-47.5°	902.6	984.3	1050.8	1110.2	1169.8	1256.9	1350.1	1479.8	1755.2	2034.3	2300.5
-50°	804.3	879.4	952.8	1021.7	1077.6	1121.5	1156.7	1213.9	1296.9	1379.5	1460.6
-52.5°	711.6	781.4	847.8	914.6	980.0	1038.1	1089.5	1129.9	1163.2	1191.6	1210.9
-55°	645.4	700.3	752.0	815.7	878.5	936.9	990.9	1040.6	1085.9	1127.1	1155.5
-57.5°	576.5	630.3	683.8	737.4	789.4	839.6	890.0	939.1	985.3	1027.2	1055.3
-60°	508.2	554.2	607.4	662.7	714.4	762.8	809.7	853.8	894.9	930.1	952.9
-62.5°	443.8	487.2	533.1	582.9	635.3	686.4	733.4	778.0	820.3	854.5	876.5
-65°	378.7	415.2	454.5	495.6	538.1	581.6	626.3	671.9	717.8	754.6	778.9
-67.5°	284.4	321.1	359.6	399.8	436.0	469.3	501.5	534.7	568.3	596.2	618.2
-70°	185.0	212.4	239.2	266.7	296.8	327.2	356.4	383.8	409.1	429.4	445.8
-72.5°	100.0	113.3	128.1	149.0	169.1	189.4	209.4	228.4	246.0	259.2	269.6
-75°	46.4	52.4	63.6	74.1	83.7	93.5	103.0	111.7	119.7	125.4	129.7
-77.5°	32.9	35.6	38.3	41.0	43.7	47.4	51.4	55.3	59.0	62.7	66.2
-80°	23.1	24.7	26.2	27.6	28.9	31.0	33.3	35.6	37.9	40.2	42.4
-82.5°	15.5	16.5	17.5	18.4	19.3	20.6	21.8	23.0	24.1	26.0	27.9
-85°	10.5	10.9	11.4	11.9	12.4	13.4	14.4	15.4	16.3	17.7	19.0
-87.5°	8.0	8.0	8.1	8.1	8.2	9.0	9.8	10.7	11.6	12.9	14.1
-90°	5.0	4.6	4.2	3.7	3.3	2.9	2.5	2.1	1.7	1.3	0.9



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	12.1	13.4	14.2	15.0	14.2	13.4	12.1	10.9	9.6	8.3	7.9
87.5°	1.7	1.7	0.8	0.0	0.8	1.7	1.7	1.7	1.7	1.7	2.1
85°	1.7	1.7	0.9	0.0	0.9	1.7	1.7	1.7	1.7	1.7	2.1
82.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.8	3.2	3.5
80°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.8
77.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.4	3.8
75°	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.4	3.8
72.5°	6.5	6.6	6.7	6.7	6.7	6.6	6.5	6.3	6.1	6.2	6.8
70°	8.2	8.2	8.3	8.3	8.3	8.2	8.2	8.1	8.0	8.4	9.8
67.5°	9.9	9.9	10.0	10.0	10.0	9.9	9.9	9.8	9.6	10.1	11.5
65°	8.5	8.4	8.3	8.3	8.3	8.4	8.5	8.6	8.7	9.7	11.2
62.5°	7.8	8.2	8.3	8.3	8.3	8.2	7.8	7.5	7.3	7.9	9.2
60°	6.8	6.8	6.7	6.7	6.7	6.8	6.8	6.8	6.7	6.9	7.2
57.5°	6.7	6.7	7.3	8.3	7.3	6.7	6.7	6.7	6.7	6.9	7.0
55°	8.1	8.2	8.9	10.0	8.9	8.2	8.1	7.9	7.7	7.9	8.1
52.5°	11.2	11.5	11.7	11.7	11.7	11.5	11.2	10.8	10.3	10.1	9.9
50°	14.5	14.8	14.9	15.0	14.9	14.8	14.5	14.0	13.5	12.9	12.1
47.5°	21.2	21.4	21.6	21.7	21.6	21.4	21.2	20.6	19.5	18.0	15.5
45°	34.1	34.6	34.8	35.1	34.8	34.6	34.1	32.9	32.8	30.8	26.0
42.5°	55.0	55.9	55.9	55.1	55.9	55.9	55.0	52.8	52.0	52.8	53.0
40°	78.4	78.4	77.6	76.8	77.6	78.4	78.4	77.3	76.6	68.7	67.9
37.5°	136.4	131.5	122.7	118.5	122.7	131.5	136.4	132.5	123.9	116.6	111.4
35°	211.1	214.3	215.1	213.7	215.1	214.3	211.1	207.8	194.8	171.2	171.0
32.5°	353.1	369.9	375.4	385.6	375.4	369.9	353.1	344.8	315.0	290.8	281.8
30°	726.8	721.7	658.4	631.0	658.4	721.7	726.8	748.8	609.2	610.3	554.9
27.5°	1957.9	2183.3	2290.8	2281.9	2290.8	2183.3	1957.9	1726.0	1502.4	1330.1	1147.8
25°	4032.3	4394.6	4634.8	4477.1	4634.8	4394.6	4032.3	3441.8	2690.5	2329.6	1942.9
22.5°	8319.2	9108.9	9539.2	9693.6	9539.2	9108.9	8319.2	6841.8	5255.6	3991.5	2964.0
20°	16671.4	18162.5	19251.5	18342.3	19251.5	18162.5	16671.4	13104.7	9795.3	6733.1	4712.6
17.5°	30950.5	35588.9	39692.2	40974.6	39692.2	35588.9	30950.5	23920.2	18141.1	12150.6	7859.9
15°	52088.2	59921.6	64577.7	64306.4	64577.7	59921.6	52088.2	42459.4	32471.8	23155.9	14589.9
12.5°	80143.7	89810.5	96260.5	94826.2	96260.5	89810.5	80143.7	67985.1	51569.8	38485.9	25685.1
10°	113854.5	128496.6	139135.2	138645.3	139135.2	128496.6	113854.5	96063.4	77934.6	57704.9	38091.4
7.5°	148805.0	172842.1	193705.2	197216.0	193705.2	172842.1	148805.0	127228.5	102850.7	77852.2	53405.2
5°	193876.8	225558.5	246277.5	247461.8	246277.5	225558.5	193876.8	159056.6	127239.1	96961.3	67424.6
2.5°	230437.4	266781.7	284266.9	294860.7	284266.9	266781.7	230437.4	185571.3	145979.9	111316.2	77189.0
0°	247566.1	277111.9	309079.8	324226.2	309079.8	277111.9	247566.1	196925.5	155488.5	117376.7	80645.5
-2.5°	240538.9	272199.4	291380.3	307433.1	291380.3	272199.4	240538.9	194647.6	153755.9	117050.8	80559.3
-5°	224601.8	255972.1	272063.4	273564.6	272063.4	255972.1	224601.8	183264.5	146019.3	111282.6	75339.9
-7.5°	198583.9	225184.2	242078.4	247335.0	242078.4	225184.2	198583.9	168090.0	134749.3	102393.6	68481.8
-10°	170933.6	190063.5	200981.9	203075.2	200981.9	190063.5	170933.6	146475.1	119134.8	89277.7	58168.7
-12.5°	142187.0	157848.6	165382.5	167028.3	165382.5	157848.6	142187.0	122159.3	97940.0	72729.0	47536.8
-15°	110342.9	122128.0	128911.4	130091.8	128911.4	122128.0	110342.9	94169.0	74943.4	55028.1	34341.9
-17.5°	78760.7	88337.0	95208.6	96121.5	95208.6	88337.0	78760.7	65956.4	52393.0	36825.3	23543.2
-20°	48382.5	54898.2	58918.2	58328.6	58918.2	54898.2	48382.5	38576.1	31464.6	21310.1	14994.7



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	26048.5	29560.7	31259.6	32137.3	31259.6	29560.7	26048.5	20827.5	16501.8	12588.0	9292.5
-25°	13769.1	15256.6	16019.9	16617.9	16019.9	15256.6	13769.1	11466.8	9087.7	7936.4	6513.0
-27.5°	8192.8	8704.3	8988.4	9144.4	8988.4	8704.3	8192.8	7422.8	6455.6	5851.0	5158.4
-30°	6006.1	6251.2	6380.6	6445.2	6380.6	6251.2	6006.1	5598.0	5086.4	4692.0	4276.6
-32.5°	4722.1	4867.6	4957.0	4989.5	4957.0	4867.6	4722.1	4496.9	4216.3	3955.1	3726.4
-35°	3917.2	3965.9	3983.3	4014.7	3983.3	3965.9	3917.2	3812.5	3664.3	3502.0	3350.5
-37.5°	3481.6	3526.9	3549.0	3567.3	3549.0	3526.9	3481.6	3404.4	3303.0	3168.6	3068.4
-40°	3346.0	3394.0	3443.2	3478.8	3443.2	3394.0	3346.0	3307.9	3225.3	3082.1	2898.6
-42.5°	3430.8	3509.3	3563.2	3570.6	3563.2	3509.3	3430.8	3351.4	3169.8	2974.7	2729.3
-45°	3160.8	3250.2	3299.0	3315.2	3299.0	3250.2	3160.8	3030.3	2800.7	2532.9	2246.5
-47.5°	2536.4	2740.8	2862.8	2889.6	2862.8	2740.8	2536.4	2300.5	2034.3	1755.2	1479.8
-50°	1539.4	1612.2	1652.3	1657.6	1652.3	1612.2	1539.4	1460.6	1379.5	1296.9	1213.9
-52.5°	1226.1	1239.1	1247.2	1252.0	1247.2	1239.1	1226.1	1210.9	1191.6	1163.2	1129.9
-55°	1180.5	1202.3	1214.7	1220.3	1214.7	1202.3	1180.5	1155.5	1127.1	1085.9	1040.6
-57.5°	1080.5	1102.6	1112.5	1115.1	1112.5	1102.6	1080.5	1055.3	1027.2	985.3	939.1
-60°	973.6	992.4	998.3	998.2	998.3	992.4	973.6	952.9	930.1	894.9	853.8
-62.5°	897.5	917.1	926.6	931.5	926.6	917.1	897.5	876.5	854.5	820.3	778.0
-65°	799.9	817.8	825.4	828.0	825.4	817.8	799.9	778.9	754.6	717.8	671.9
-67.5°	637.7	654.7	659.5	659.4	659.5	654.7	637.7	618.2	596.2	568.3	534.7
-70°	459.7	470.9	472.8	470.7	472.8	470.9	459.7	445.8	429.4	409.1	383.8
-72.5°	278.0	284.5	287.0	287.1	287.0	284.5	278.0	269.6	259.2	246.0	228.4
-75°	133.0	135.4	137.3	138.6	137.3	135.4	133.0	129.7	125.4	119.7	111.7
-77.5°	69.6	72.8	74.1	75.1	74.1	72.8	69.6	66.2	62.7	59.0	55.3
-80°	44.5	46.4	46.6	46.7	46.6	46.4	44.5	42.4	40.2	37.9	35.6
-82.5°	29.7	31.6	31.7	31.7	31.7	31.6	29.7	27.9	26.0	24.1	23.0
-85°	20.4	21.7	22.5	23.4	22.5	21.7	20.4	19.0	17.7	16.3	15.4
-87.5°	15.4	16.7	16.7	16.7	16.7	16.7	15.4	14.1	12.9	11.6	10.7
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	2.1



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.5	7.1	6.7	6.7	6.7	6.7	6.7	7.1	7.5	7.9	8.3
87.5°	2.5	2.9	3.3	3.7	4.2	4.6	5.0	5.4	5.9	6.3	6.7
85°	2.5	2.9	3.3	3.7	4.2	4.6	5.0	5.4	5.9	6.3	6.7
82.5°	3.9	4.2	4.5	4.6	4.7	4.8	5.0	5.5	5.9	6.3	6.7
80°	4.2	4.6	5.0	5.0	5.0	5.0	5.1	5.5	5.9	6.3	6.8
77.5°	4.2	4.7	5.0	5.2	5.3	5.3	5.3	5.5	6.0	6.4	6.8
75°	4.3	4.7	5.2	5.7	6.2	6.5	6.7	6.8	7.0	7.1	7.2
72.5°	7.3	7.5	7.7	7.8	7.4	7.7	8.2	8.5	8.6	8.5	8.2
70°	11.1	12.2	13.7	15.3	16.1	16.0	15.2	13.9	11.7	10.9	10.2
67.5°	12.9	14.5	17.0	19.8	21.7	23.1	24.3	24.6	23.3	20.8	15.4
65°	12.9	14.5	16.5	18.7	21.6	25.1	30.3	32.9	33.1	31.5	24.5
62.5°	10.8	12.9	14.1	15.7	18.0	21.7	27.7	33.1	38.3	39.8	32.0
60°	7.7	8.4	10.0	11.7	13.5	17.4	23.8	30.3	36.8	36.9	34.4
57.5°	6.9	7.2	8.3	9.2	9.9	13.2	18.9	26.2	33.3	32.3	30.6
55°	8.2	8.6	9.1	9.5	10.0	11.3	13.9	18.9	25.3	26.8	25.6
52.5°	9.9	10.3	10.8	11.2	11.4	11.2	11.2	14.3	17.2	19.8	20.7
50°	11.6	12.1	12.6	13.0	13.1	12.8	12.5	12.2	13.9	15.9	16.7
47.5°	15.3	15.9	15.0	14.8	15.9	15.0	14.5	14.6	15.5	14.9	15.7
45°	25.4	24.6	22.9	22.7	22.0	21.3	18.4	19.8	20.0	19.1	16.6
42.5°	48.9	41.6	36.2	36.5	34.3	32.1	29.3	28.7	27.7	25.4	23.9
40°	74.8	74.3	67.2	59.2	54.1	47.3	44.3	40.6	38.4	35.0	34.1
37.5°	106.4	103.6	108.2	104.2	89.3	75.8	66.5	56.9	50.6	53.8	51.1
35°	157.8	154.8	162.3	154.7	143.2	137.1	106.0	82.8	75.1	83.4	75.0
32.5°	235.0	272.2	260.1	240.0	250.4	235.8	188.1	129.8	129.0	127.0	112.5
30°	460.8	493.6	476.5	422.3	436.7	406.0	306.7	286.8	240.5	183.1	160.0
27.5°	1004.3	818.7	789.3	778.0	690.0	632.4	582.8	525.2	405.0	297.1	222.3
25°	1718.6	1443.6	1247.4	1193.7	1084.9	919.8	891.6	820.3	672.5	451.6	305.6
22.5°	2547.7	2168.3	1852.4	1656.8	1482.7	1281.2	1176.1	1131.3	972.3	645.2	440.9
20°	3393.7	2889.4	2459.7	2147.4	1834.3	1593.6	1455.3	1384.4	1187.2	880.5	582.4
17.5°	5339.8	3792.9	3148.9	2673.7	2231.5	1903.5	1770.4	1602.6	1401.7	1108.6	720.0
15°	8373.9	5852.1	4334.2	3424.8	2771.4	2408.5	2179.5	1858.7	1612.2	1310.1	934.0
12.5°	15703.6	9366.1	5780.2	4470.7	3626.4	3035.6	2658.2	2218.8	1849.9	1586.5	1250.9
10°	23685.8	14244.1	8592.5	5987.3	4656.9	3752.8	3121.5	2583.6	2159.4	1888.5	1564.1
7.5°	33331.6	19748.8	11580.8	7445.0	5580.3	4363.7	3528.4	2894.0	2447.0	2171.2	1868.8
5°	41167.9	23733.4	13403.1	8536.7	6355.0	4937.2	3944.0	3157.3	2714.1	2436.3	2159.4
2.5°	46027.5	25874.9	14480.0	9441.7	7001.7	5418.7	4285.1	3381.2	2921.5	2608.3	2320.8
0°	47227.8	27561.8	15325.8	9469.9	7321.5	5717.3	4490.4	3577.3	3094.9	2752.7	2457.2
-2.5°	47311.6	27100.6	15144.8	9380.1	7165.7	5655.1	4496.8	3671.5	3193.8	2827.3	2507.4
-5°	43682.0	24694.7	14061.4	9057.9	6932.0	5513.4	4482.8	3757.3	3268.8	2889.8	2525.2
-7.5°	39501.4	21790.9	12674.9	8542.7	6600.0	5326.0	4461.3	3826.7	3319.9	2958.4	2549.0
-10°	31776.2	18336.8	11418.8	8100.7	6294.5	5131.9	4436.6	3848.5	3357.0	3014.4	2534.7
-12.5°	26827.4	15365.7	9892.0	7491.8	6048.4	5052.3	4415.3	3807.3	3382.4	3059.1	2479.7
-15°	20026.9	12813.6	8985.4	7039.5	5847.5	4946.8	4333.8	3686.7	3289.8	3036.6	2382.1
-17.5°	14917.3	10191.2	7694.9	6291.3	5363.4	4796.7	4167.0	3556.1	3131.6	2807.2	2134.8
-20°	10079.7	7924.3	6610.2	5529.9	4741.8	4271.7	3840.1	3327.8	2936.6	2479.2	1822.1



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7475.5	6325.4	5397.9	4638.2	4113.2	3717.7	3354.6	2987.0	2695.1	2139.5	1503.2
-25°	5808.0	5002.0	4396.9	3990.4	3539.3	3172.8	2911.9	2685.8	2318.4	1784.6	1216.5
-27.5°	4660.1	4099.3	3775.1	3475.0	3125.1	2793.2	2576.3	2379.5	1939.0	1434.6	1122.4
-30°	3898.8	3647.7	3372.9	3087.8	2822.7	2555.9	2333.6	1977.5	1570.7	1163.3	1037.7
-32.5°	3487.5	3296.1	3055.7	2802.1	2577.8	2384.7	2034.0	1596.1	1223.3	1075.1	967.5
-35°	3187.1	2991.0	2761.3	2573.0	2400.7	2104.2	1721.1	1294.6	1088.2	993.5	902.2
-37.5°	2911.3	2700.9	2540.6	2368.6	2113.6	1775.8	1352.5	1129.3	1011.7	926.1	832.9
-40°	2732.3	2536.5	2284.1	2062.5	1715.9	1332.0	1162.5	1047.0	955.0	855.0	758.8
-42.5°	2455.7	2203.3	1900.2	1553.4	1270.3	1168.1	1069.8	983.3	887.9	782.4	687.8
-45°	1926.6	1615.5	1331.8	1234.7	1140.8	1068.0	998.2	905.4	805.6	710.8	617.9
-47.5°	1350.1	1256.9	1169.8	1110.2	1050.8	984.3	902.6	813.7	725.5	638.9	566.0
-50°	1156.7	1121.5	1077.6	1021.7	952.8	879.4	804.3	725.7	650.0	582.2	512.9
-52.5°	1089.5	1038.1	980.0	914.6	847.8	781.4	711.6	651.7	588.9	525.4	459.9
-55°	990.9	936.9	878.5	815.7	752.0	700.3	645.4	587.6	529.2	468.5	411.9
-57.5°	890.0	839.6	789.4	737.4	683.8	630.3	576.5	522.5	470.1	416.6	365.1
-60°	809.7	762.8	714.4	662.7	607.4	554.2	508.2	460.6	411.4	368.6	324.6
-62.5°	733.4	686.4	635.3	582.9	533.1	487.2	443.8	402.2	363.7	324.7	274.8
-65°	626.3	581.6	538.1	495.6	454.5	415.2	378.7	338.5	297.5	258.6	215.4
-67.5°	501.5	469.3	436.0	399.8	359.6	321.1	284.4	249.9	216.8	184.2	146.6
-70°	356.4	327.2	296.8	266.7	239.2	212.4	185.0	157.8	130.7	109.8	88.2
-72.5°	209.4	189.4	169.1	149.0	128.1	113.3	100.0	86.1	71.0	54.9	42.7
-75°	103.0	93.5	83.7	74.1	63.6	52.4	46.4	42.9	39.3	35.6	31.6
-77.5°	51.4	47.4	43.7	41.0	38.3	35.6	32.9	30.2	28.0	26.1	24.2
-80°	33.3	31.0	28.9	27.6	26.2	24.7	23.1	21.8	20.6	19.5	18.5
-82.5°	21.8	20.6	19.3	18.4	17.5	16.5	15.5	14.8	14.2	13.4	12.7
-85°	14.4	13.4	12.4	11.9	11.4	10.9	10.5	10.5	10.5	10.6	10.7
-87.5°	9.8	9.0	8.2	8.1	8.1	8.0	8.0	8.4	8.8	9.1	9.5
-90°	2.5	2.9	3.3	3.7	4.2	4.6	5.0	5.4	5.9	6.3	6.7



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.3	8.3	8.3	8.3	8.7	9.2	9.6	10.0	9.6	9.2	8.7
87.5°	6.7	6.7	6.7	6.7	7.1	7.5	7.9	8.3	8.3	8.3	8.3
85°	6.8	6.9	7.0	6.9	7.2	7.5	7.9	8.3	8.3	8.3	8.3
82.5°	7.1	7.5	7.7	7.9	7.8	7.9	8.1	8.3	8.4	8.3	8.3
80°	7.2	7.6	8.0	8.3	8.3	8.3	8.2	8.3	8.6	8.6	8.6
77.5°	7.2	7.6	8.0	8.3	8.3	8.3	8.3	8.4	8.8	8.9	9.0
75°	7.3	7.7	8.1	8.3	8.3	8.3	8.3	8.4	8.8	9.3	9.4
72.5°	8.0	8.0	8.2	8.3	8.3	8.3	8.3	8.5	8.9	9.3	9.7
70°	9.2	8.5	8.3	8.4	8.5	8.3	8.3	8.5	8.9	9.3	9.7
67.5°	10.9	9.8	9.0	8.8	8.9	8.8	8.4	8.6	9.0	9.4	9.8
65°	18.1	13.1	9.9	9.5	9.4	9.4	9.1	8.8	9.1	9.4	9.8
62.5°	24.6	17.9	13.4	10.8	9.8	9.8	9.9	9.4	9.2	9.5	9.9
60°	30.7	23.0	17.1	13.6	11.1	9.9	10.0	9.9	9.5	9.6	10.0
57.5°	28.4	26.7	21.7	16.6	13.2	10.9	10.0	10.0	9.8	9.7	10.0
55°	24.2	23.3	24.0	20.1	15.4	12.3	10.4	10.0	10.0	9.9	10.0
52.5°	19.7	21.0	22.7	21.9	17.8	13.8	11.6	10.0	10.0	10.0	10.0
50°	16.3	18.8	21.7	22.2	19.6	15.5	12.6	10.8	10.0	10.0	10.1
47.5°	16.3	18.5	20.4	22.7	21.0	17.0	13.7	11.5	10.0	10.0	10.2
45°	18.8	19.8	20.5	21.9	22.4	18.1	14.7	12.2	10.5	10.1	10.4
42.5°	23.0	23.3	22.8	21.6	22.3	19.0	15.5	12.8	11.0	10.2	10.5
40°	31.7	28.6	26.3	25.6	23.2	19.6	15.9	13.2	11.4	10.4	10.6
37.5°	42.1	36.9	32.2	33.0	26.6	21.4	16.2	13.5	12.0	10.9	10.7
35°	61.4	47.8	45.8	44.5	35.7	24.1	16.1	13.6	12.7	11.4	10.8
32.5°	84.4	71.0	68.8	59.8	47.3	27.9	17.9	14.7	13.5	11.9	10.9
30°	127.7	114.7	98.4	78.0	61.7	38.6	22.0	16.2	14.3	12.3	11.1
27.5°	196.8	166.1	135.8	105.3	79.0	51.7	27.4	18.0	15.3	12.9	11.5
25°	270.7	229.5	185.2	138.9	98.1	70.6	32.7	20.3	16.6	13.6	11.8
22.5°	348.8	298.0	239.7	176.3	125.8	92.9	43.0	24.7	18.3	14.4	12.1
20°	428.3	368.7	300.6	221.2	159.8	116.4	59.7	29.1	20.1	15.2	12.5
17.5°	515.8	454.7	379.4	277.8	196.7	141.1	78.1	33.2	22.0	16.0	12.8
15°	683.0	559.1	465.7	339.4	233.2	166.5	97.4	37.1	24.0	16.8	13.1
12.5°	886.9	664.6	557.5	404.4	269.0	192.2	117.3	40.9	26.0	18.2	13.5
10°	1111.1	770.0	652.4	470.9	303.5	217.8	137.1	47.4	30.0	20.2	13.8
7.5°	1346.2	874.5	748.0	537.1	340.7	253.8	175.8	60.7	34.3	22.3	14.1
5°	1564.8	968.7	842.8	619.5	398.5	300.1	217.5	74.6	38.6	24.4	14.5
2.5°	1695.4	1045.3	931.9	699.5	454.3	344.7	257.9	88.5	42.8	26.5	14.7
0°	1801.2	1116.8	1013.3	772.9	507.5	387.3	295.5	101.8	46.7	28.4	15.0
-2.5°	1822.9	1157.4	1041.6	814.6	557.3	428.9	325.8	123.7	62.1	37.7	20.0
-5°	1818.6	1193.3	1063.4	849.0	603.3	467.6	351.1	144.2	76.8	46.5	24.7
-7.5°	1813.1	1210.3	1074.8	873.9	644.8	502.6	370.8	162.8	90.6	54.8	29.2
-10°	1773.5	1214.1	1072.0	870.5	653.7	517.1	381.8	179.3	103.2	62.3	33.2
-12.5°	1687.4	1213.4	1064.5	859.5	651.4	512.5	370.3	190.7	114.1	68.8	36.6
-15°	1550.0	1208.3	1052.9	840.8	642.5	505.0	356.9	198.7	122.9	74.6	39.2
-17.5°	1348.8	1198.8	1037.6	814.6	626.3	494.5	342.3	204.4	130.3	79.8	41.7
-20°	1254.1	1152.7	1015.9	780.8	602.5	481.1	327.2	207.7	136.2	83.7	43.8



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1184.1	1076.6	937.4	749.5	577.0	464.8	312.2	208.5	140.5	85.9	44.9
-25°	1103.0	998.3	853.9	691.9	555.7	441.1	304.2	206.8	143.0	86.6	44.9
-27.5°	1015.4	915.5	774.5	634.5	524.2	419.6	300.5	208.6	143.8	85.6	43.7
-30°	927.3	829.2	707.2	582.8	491.3	390.3	293.5	208.6	142.3	83.8	41.3
-32.5°	859.5	750.8	644.1	544.9	456.9	360.6	277.1	206.2	138.4	80.9	39.6
-35°	795.9	687.3	585.0	506.0	422.4	335.7	257.8	201.4	132.1	76.3	37.4
-37.5°	729.6	629.6	542.1	467.6	388.4	308.9	242.3	186.5	123.2	69.8	34.3
-40°	665.7	576.6	501.3	431.1	356.2	280.1	225.2	169.4	113.7	61.5	30.1
-42.5°	601.6	530.3	461.0	395.2	322.9	259.4	206.4	151.1	100.1	54.4	25.0
-45°	549.8	483.0	419.2	355.9	289.5	237.4	185.0	132.1	84.9	47.3	21.1
-47.5°	496.3	435.1	376.9	316.7	263.6	213.5	162.4	113.8	68.8	38.8	19.8
-50°	442.4	388.5	335.7	284.3	236.1	187.5	139.2	94.2	57.3	28.8	18.3
-52.5°	397.8	346.3	298.8	253.0	206.8	160.4	115.8	74.0	45.0	24.1	16.5
-55°	356.8	306.7	263.6	219.9	176.0	132.6	91.1	59.1	31.9	21.5	14.7
-57.5°	317.7	268.5	226.4	185.2	143.4	103.3	70.1	43.2	26.2	18.6	14.5
-60°	277.5	229.0	187.7	147.4	108.7	76.6	51.1	30.4	22.5	16.1	14.2
-62.5°	228.5	184.9	143.6	106.9	77.8	53.6	33.7	25.7	18.5	15.5	13.8
-65°	172.5	132.9	97.7	73.4	50.7	34.2	27.7	20.6	16.8	14.8	13.4
-67.5°	111.1	86.2	62.8	42.0	33.3	27.5	21.4	17.9	15.7	14.0	12.9
-70°	66.5	45.9	36.3	31.4	26.3	21.4	18.6	16.3	14.4	13.3	12.4
-72.5°	37.7	32.9	28.4	24.2	21.5	18.9	16.5	14.6	13.5	12.6	11.8
-75°	27.7	25.1	23.0	20.8	18.4	16.3	14.7	13.3	12.5	11.8	11.3
-77.5°	22.3	20.6	18.9	17.5	15.9	14.4	13.1	12.0	11.5	11.2	10.8
-80°	17.3	16.3	15.5	14.7	13.5	12.5	11.7	11.2	10.9	10.6	10.3
-82.5°	12.3	12.4	12.5	12.4	11.8	11.2	10.8	10.5	10.2	10.0	9.9
-85°	10.8	10.7	10.6	10.5	10.2	10.0	10.0	10.0	9.9	9.7	9.5
-87.5°	9.4	9.4	9.3	9.3	9.4	9.6	9.8	10.0	9.7	9.4	9.1
-90°	6.7	6.7	6.7	6.7	7.1	7.5	7.9	8.3	8.3	8.3	8.3



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3
87.5°	8.3	8.4	8.4	8.5	8.4	8.3	8.3
85°	8.3	8.5	8.6	8.6	8.6	8.4	8.3
82.5°	8.3	8.6	8.7	8.8	8.7	8.4	8.3
80°	8.4	8.7	8.9	9.0	8.9	8.4	8.3
77.5°	8.8	8.9	9.1	9.1	9.0	8.5	8.3
75°	9.3	9.1	9.2	9.3	9.1	8.5	8.3
72.5°	9.7	9.4	9.4	9.5	9.3	8.5	8.3
70°	10.0	9.7	9.5	9.7	9.4	8.6	8.3
67.5°	10.0	9.9	9.7	9.7	9.5	8.6	8.3
65°	10.0	10.0	9.8	9.8	9.6	8.6	8.3
62.5°	10.0	10.0	9.9	9.8	9.7	8.6	8.3
60°	10.0	10.0	10.0	9.9	9.8	8.7	8.3
57.5°	10.0	10.0	10.0	9.9	9.8	8.7	8.3
55°	10.0	10.0	10.0	9.9	9.7	8.7	8.3
52.5°	10.0	10.0	10.0	10.0	9.7	8.7	8.3
50°	10.0	10.0	10.0	10.0	9.7	8.7	8.3
47.5°	10.0	10.0	10.0	10.0	9.7	8.7	8.3
45°	10.2	10.0	10.0	10.0	9.7	8.7	8.3
42.5°	10.3	10.0	10.0	10.0	9.7	8.7	8.3
40°	10.5	10.0	10.0	10.0	9.7	8.7	8.3
37.5°	10.7	10.0	10.0	10.0	9.7	8.7	8.3
35°	11.0	10.1	10.0	10.0	9.7	8.7	8.3
32.5°	11.2	10.3	10.0	10.0	9.8	8.7	8.3
30°	11.3	10.5	10.0	10.0	9.8	8.7	8.3
27.5°	11.4	10.7	10.0	10.0	9.8	8.6	8.3
25°	11.5	10.9	10.0	10.0	9.8	8.6	8.3
22.5°	11.6	11.0	10.0	10.0	9.8	8.6	8.3
20°	11.7	11.2	10.0	10.0	9.9	8.6	8.3
17.5°	11.8	11.3	10.0	10.0	9.9	8.5	8.3
15°	12.0	11.4	10.0	10.0	9.9	8.5	8.3
12.5°	12.2	11.5	10.0	10.0	9.9	8.5	8.3
10°	12.4	11.6	10.0	10.0	10.0	8.4	8.3
7.5°	12.7	11.6	10.0	10.0	10.0	8.4	8.3
5°	12.9	11.7	10.0	10.0	10.0	8.4	8.3
2.5°	13.2	11.7	10.0	10.0	10.0	8.3	8.3
0°	13.4	11.7	10.0	10.0	10.0	8.3	8.3
-2.5°	14.7	11.7	10.0	10.0	10.0	8.3	8.3
-5°	16.0	11.7	10.0	10.0	10.0	8.3	8.3
-7.5°	17.1	11.6	10.0	10.0	10.0	8.3	8.3
-10°	18.1	11.6	10.0	10.0	9.9	8.3	8.3
-12.5°	18.8	11.5	10.0	10.0	9.9	8.3	8.3
-15°	19.3	11.4	10.0	10.0	9.9	8.3	8.3
-17.5°	19.5	11.3	10.0	10.0	9.8	8.3	8.3
-20°	19.8	11.2	10.0	10.0	9.8	8.3	8.3



REPORT NUMBER: P1306166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.4	11.0	10.0	10.0	9.7	8.3	8.3
-25°	20.4	11.2	10.0	10.0	9.7	8.3	8.3
-27.5°	19.8	11.4	10.0	10.0	9.6	8.3	8.3
-30°	18.7	11.6	10.0	10.0	9.5	8.3	8.3
-32.5°	16.8	11.6	10.2	10.0	9.5	8.3	8.3
-35°	16.2	11.4	10.3	10.0	9.4	8.3	8.3
-37.5°	16.0	11.3	10.4	10.0	9.3	8.3	8.3
-40°	15.6	11.5	10.5	10.0	9.2	8.3	8.3
-42.5°	15.1	11.6	10.6	10.0	9.1	8.3	8.3
-45°	14.3	11.7	10.7	10.1	9.0	8.3	8.3
-47.5°	13.3	11.7	10.7	10.1	8.9	8.3	8.3
-50°	13.1	11.7	10.7	10.0	8.8	8.3	8.3
-52.5°	13.1	11.7	10.7	9.9	8.7	8.3	8.3
-55°	13.0	11.7	10.7	9.7	8.5	8.3	8.3
-57.5°	12.9	11.6	10.7	9.6	8.4	8.3	8.3
-60°	12.7	11.5	10.6	9.4	8.3	8.3	8.3
-62.5°	12.5	11.3	10.4	9.2	8.3	8.3	8.3
-65°	12.2	11.2	10.2	9.1	8.3	8.3	8.3
-67.5°	11.9	10.9	9.9	8.9	8.3	8.3	8.3
-70°	11.6	10.6	9.7	8.7	8.3	8.3	8.3
-72.5°	11.2	10.3	9.4	8.6	8.3	8.3	8.3
-75°	10.8	10.0	9.1	8.6	8.3	8.3	8.3
-77.5°	10.4	9.7	9.0	8.6	8.3	8.3	8.3
-80°	10.0	9.4	8.9	8.5	8.3	8.3	8.3
-82.5°	9.6	9.1	8.7	8.5	8.3	8.3	8.3
-85°	9.2	8.8	8.6	8.4	8.3	8.3	8.3
-87.5°	8.7	8.6	8.4	8.4	8.3	8.3	8.3
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3

(END OF REPORT)