

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: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-4S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

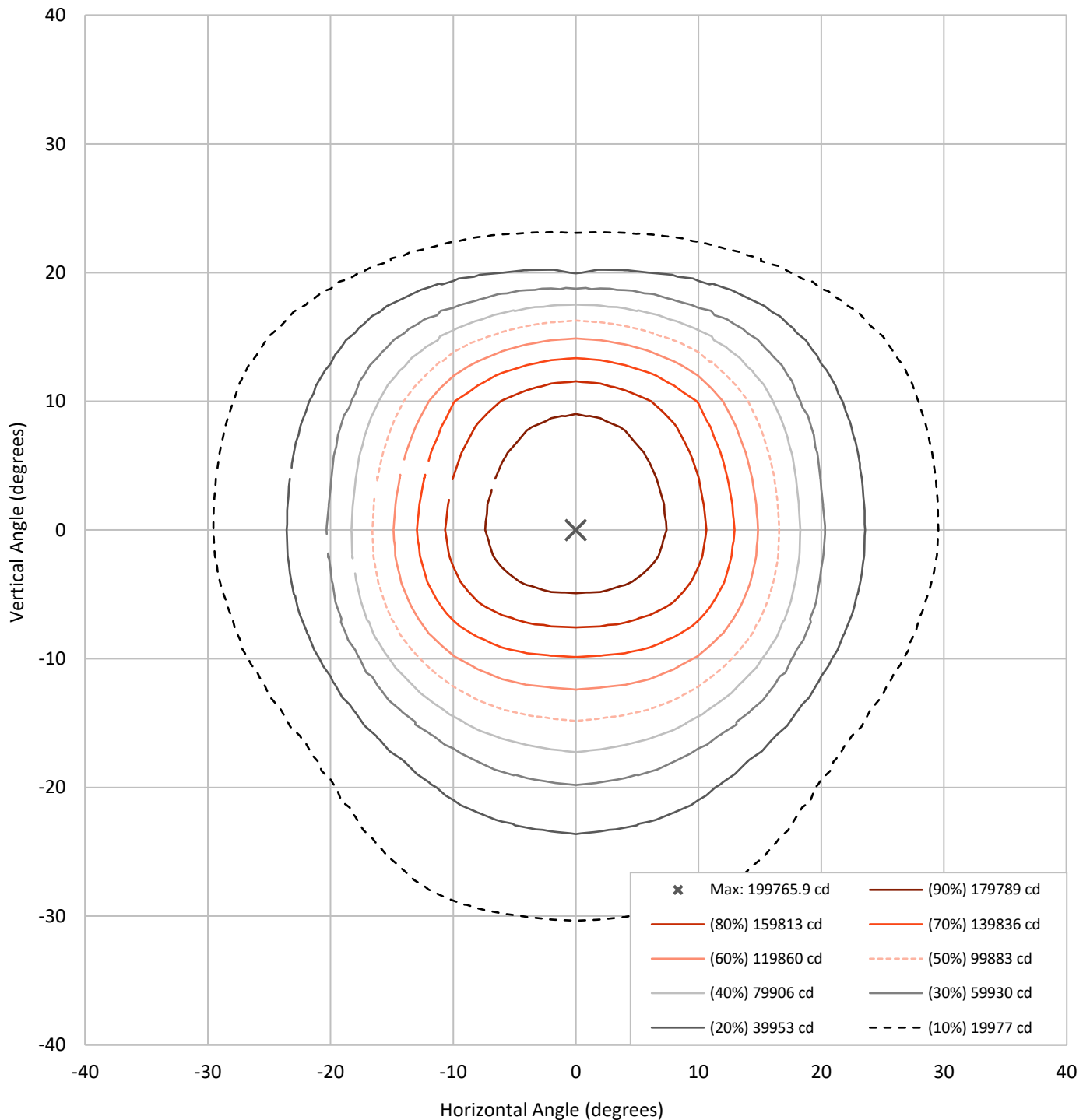
Test Method: LM-79-08  
Report Number: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-530N-57-80-4S-CV1-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	68064.4 lumens	Max Intensity:	199765.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	37199.8 lumens	Field Lumens:	59941 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
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





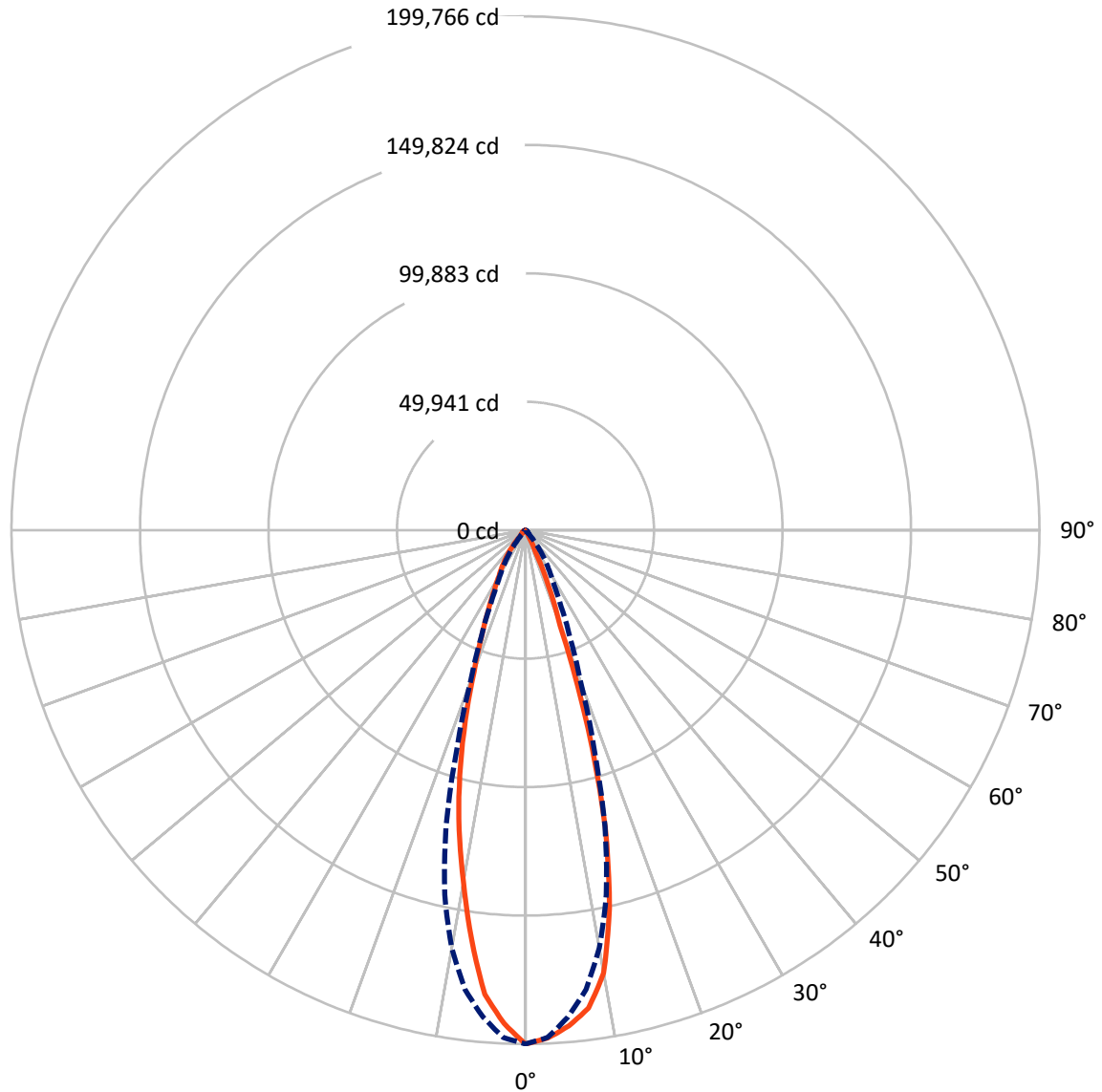
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### Lumen Table

90	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1									
80	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1									
70	0.1	0.0	0.1	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.1	0.0	0.1		
60		0.1	0.2	0.7	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.7	0.2	0.1			
50	0.1	0.1	0.3	0.5	0.5	0.6	0.8	0.8	0.8	0.8	0.6	0.5	0.5	0.3	0.1	0.1		
40		0.2	0.7	2.0	3.7	6.4	9.7	12.0	12.0	9.7	6.4	3.7	2.0	0.7	0.2			
30	0.1	0.4	3.3	10.2	40.4	126.2	252.6	410.1	410.1	252.6	126.2	40.4	10.2	3.3	0.4	0.1		
20		1.0	7.6	24.7	167.0	570.3	1702.0	3173.2	3173.2	1702.0	570.3	167.0	24.7	7.6	1.0			
10	0.2	1.7	10.4	35.2	260.2	926.6	3177.5	5442.5	5442.5	3177.5	926.6	260.2	35.2	10.4	1.7	0.2		
0		2.2	11.1	36.2	256.8	893.9	3075.6	5066.0	5066.0	3075.6	893.9	256.8	36.2	11.1	2.2			
-10	0.4	2.6	10.6	27.9	152.7	505.0	1552.1	2766.6	2766.6	1552.1	505.0	152.7	27.9	10.6	2.6	0.4		
-20		2.6	10.2	21.6	71.9	273.8	630.7	1006.2	1006.2	630.7	273.8	71.9	21.6	10.2	2.6			
-30	0.3	2.1	9.2	18.4	35.5	101.7	254.7	386.9	386.9	254.7	101.7	35.5	18.4	9.2	2.1	0.3		
-40		1.4	6.7	15.7	26.5	40.5	61.6	83.6	83.6	61.6	40.5	26.5	15.7	6.7	1.4			
-50	0.2	0.7	3.4	10.3	19.9	28.7	36.9	42.3	42.3	36.9	28.7	19.9	10.3	3.4	0.7	0.2		
-60		0.3	1.2	3.7	8.0	13.4	18.8	21.8	21.8	18.8	13.4	8.0	3.7	1.2	0.3			
-70	0.1	0.7	3.4	10.3	19.9	28.7	36.9	42.3	42.3	36.9	28.7	19.9	10.3	3.4	0.7	0.1		
-80		0.3	1.2	3.7	8.0	13.4	18.8	21.8	21.8	18.8	13.4	8.0	3.7	1.2	0.3			
-90	0.1	0.6	2.5	6.4	8.5	6.4	2.5	0.6	0.1									

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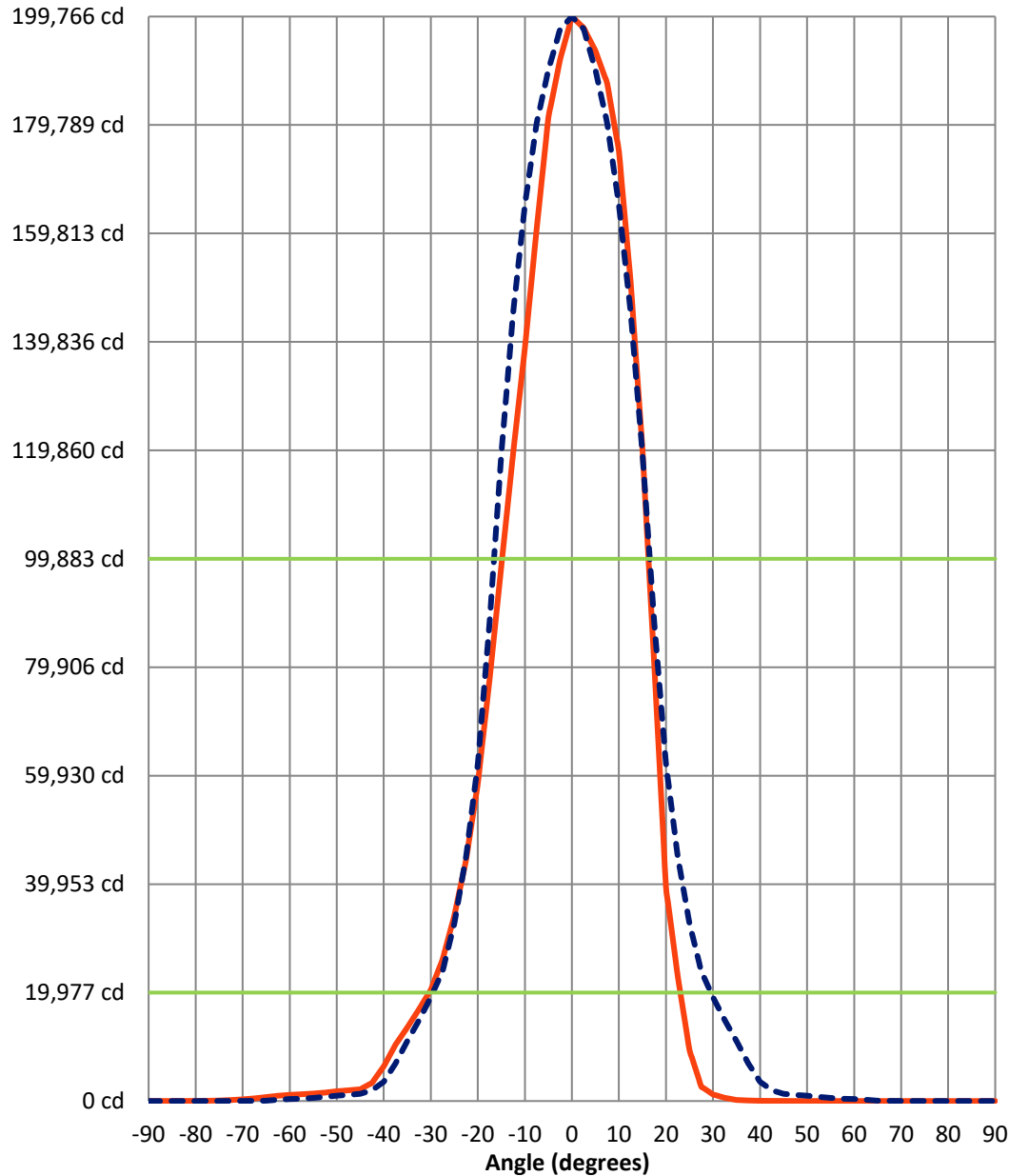
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 31.1°  
 Lumens: 37199.8  
 Efficiency: 54.7%

**Field:**  
 H Angle: 59.1°  
 V Angle: 53.4°  
 Lumens: 59941  
 Efficiency: 88.1%

**Spill:**  
 Lumens: 8123.4  
 Efficiency: 11.9%

— 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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	3.5	2.6	1.9	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7
85°	3.5	2.7	2.0	2.1	2.0	1.9	1.7	1.7	1.7	1.7	1.7
82.5°	3.5	2.7	2.2	2.2	2.2	2.0	1.7	1.7	1.7	1.8	1.7
80°	3.5	2.8	2.3	2.4	2.3	2.1	1.8	2.0	2.0	2.0	1.7
77.5°	3.5	2.8	2.5	2.6	2.5	2.3	2.3	2.4	2.4	2.2	2.0
75°	3.5	2.9	2.7	2.8	2.7	2.6	2.7	2.8	2.7	2.6	2.7
72.5°	3.5	2.9	2.8	3.0	2.8	2.9	3.1	3.2	3.0	3.1	3.4
70°	3.5	2.9	3.0	3.1	3.0	3.1	3.5	3.3	3.3	3.5	3.5
67.5°	3.5	3.0	3.1	3.2	3.1	3.4	3.5	3.4	3.5	3.5	3.5
65°	3.5	3.0	3.2	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.5
62.5°	3.5	3.1	3.4	3.3	3.4	3.5	3.5	3.5	3.5	3.5	3.5
60°	3.5	3.1	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
57.5°	3.5	3.1	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
55°	3.5	3.2	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
52.5°	3.5	3.2	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
50°	3.5	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.5
47.5°	3.5	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	5.7
45°	3.5	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.6	4.5	6.7
42.5°	3.5	3.3	3.5	3.5	3.5	3.5	3.5	3.6	3.7	5.4	8.2
40°	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.7	4.1	6.3	9.6
37.5°	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.9	4.9	7.4	11.1
35°	3.5	3.4	3.5	3.5	3.5	3.5	3.5	4.1	5.8	8.8	12.5
32.5°	3.5	3.4	3.5	3.5	3.5	3.5	3.6	4.3	6.6	10.1	13.7
30°	3.5	3.4	3.5	3.5	3.5	3.5	3.7	4.7	7.3	11.3	15.2
27.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.9	5.3	8.2	12.5	16.9
25°	3.5	3.5	3.5	3.5	3.5	3.5	4.1	5.9	9.1	13.8	19.0
22.5°	3.5	3.5	3.5	3.5	3.5	3.5	4.3	6.4	10.0	15.3	23.0
20°	3.5	3.5	3.5	3.5	3.5	3.7	4.5	6.9	10.8	16.8	27.4
17.5°	3.5	3.5	3.5	3.5	3.5	3.8	4.9	7.4	11.6	18.5	32.1
15°	3.5	3.5	3.5	3.5	3.5	4.0	5.2	8.0	12.3	20.1	37.0
12.5°	3.5	3.5	3.5	3.5	3.5	4.2	5.5	8.7	13.4	21.8	41.8
10°	3.5	3.5	3.5	3.5	3.5	4.4	5.8	9.5	14.9	24.7	46.9
7.5°	3.5	3.5	3.5	3.5	3.5	4.6	6.1	10.2	16.5	27.8	52.3
5°	3.5	3.5	3.5	3.5	3.5	4.8	6.4	10.9	18.0	30.8	57.2
2.5°	3.5	3.5	3.5	3.5	3.5	5.0	6.7	11.5	19.4	33.6	61.7
0°	3.5	3.5	3.5	3.5	3.5	5.2	6.9	12.1	20.7	36.2	65.6
-2.5°	3.5	3.5	3.5	3.5	3.6	5.8	8.5	15.3	27.8	48.9	84.5
-5°	3.5	3.5	3.5	3.5	3.8	6.3	10.1	18.4	34.6	61.0	102.6
-7.5°	3.5	3.5	3.5	3.5	3.9	6.8	11.5	21.3	40.9	72.3	119.3
-10°	3.5	3.5	3.5	3.5	4.1	7.2	12.8	23.9	46.6	82.4	134.4
-12.5°	3.5	3.5	3.5	3.5	4.2	7.6	14.0	26.2	51.4	91.1	147.7
-15°	3.5	3.5	3.5	3.5	4.3	7.9	15.0	28.2	55.3	97.8	158.7
-17.5°	3.5	3.5	3.5	3.5	4.3	8.1	15.8	30.0	58.3	102.9	166.8
-20°	3.5	3.5	3.5	3.5	4.4	8.3	16.4	31.6	60.1	106.0	171.8



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.5	3.5	3.5	3.5	4.4	8.3	17.0	32.7	60.8	107.2	173.3
-25°	3.5	3.5	3.5	3.5	4.4	8.3	17.3	33.1	60.1	106.1	171.2
-27.5°	3.5	3.5	3.5	3.5	4.4	8.3	17.2	32.9	58.1	103.8	169.6
-30°	3.5	3.5	3.5	3.5	4.3	8.2	16.8	32.1	56.8	101.3	165.3
-32.5°	3.5	3.5	3.5	3.5	4.4	7.8	15.9	31.4	55.7	97.0	157.8
-35°	3.5	3.5	3.5	3.5	4.4	7.4	15.3	30.3	53.6	90.6	147.2
-37.5°	3.5	3.5	3.5	3.5	4.4	7.0	14.7	28.7	50.6	82.4	134.2
-40°	3.5	3.5	3.5	3.5	4.4	6.9	13.8	26.5	46.5	76.4	121.0
-42.5°	3.5	3.5	3.5	3.5	4.4	6.9	12.7	23.7	42.8	69.7	105.9
-45°	3.5	3.5	3.5	3.6	4.4	6.7	11.4	21.1	38.9	62.0	90.2
-47.5°	3.5	3.5	3.5	3.6	4.5	6.6	9.8	19.1	34.2	53.6	80.6
-50°	3.5	3.5	3.5	3.6	4.5	6.4	9.3	16.9	28.3	46.7	70.1
-52.5°	3.5	3.5	3.5	3.6	4.4	6.1	8.9	14.3	24.0	39.0	59.0
-55°	3.5	3.5	3.5	3.6	4.4	5.9	8.5	11.6	20.3	30.5	49.1
-57.5°	3.5	3.5	3.5	3.6	4.3	5.7	8.1	11.0	16.5	25.2	38.3
-60°	3.5	3.5	3.5	3.6	4.1	5.5	7.5	10.3	13.2	20.6	28.9
-62.5°	3.5	3.5	3.5	3.6	4.1	5.2	7.0	9.5	12.1	15.8	23.5
-65°	3.5	3.5	3.5	3.6	4.0	4.8	6.5	8.7	11.1	13.8	18.0
-67.5°	3.5	3.5	3.5	3.5	3.9	4.5	5.8	7.8	9.9	12.3	15.1
-70°	3.5	3.5	3.5	3.5	3.8	4.3	5.2	6.9	8.9	10.8	13.2
-72.5°	3.5	3.5	3.5	3.5	3.7	4.1	4.7	6.0	7.9	9.7	11.5
-75°	3.5	3.5	3.5	3.5	3.5	3.8	4.4	5.4	6.8	8.5	10.1
-77.5°	3.5	3.5	3.5	3.5	3.5	3.6	4.0	4.9	6.0	7.3	8.8
-80°	3.5	3.5	3.5	3.5	3.5	3.5	3.6	4.3	5.2	6.3	7.4
-82.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.9	4.4	5.2	6.1
-85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.7	4.1	4.5	4.9
-87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.8	4.0	4.2
-90°	3.5	2.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.2	2.4
80°	1.7	1.7	1.8	1.7	1.9	2.2	2.6	3.1	3.4	3.5	3.5
77.5°	2.1	2.2	2.1	1.8	2.0	2.5	2.9	3.4	3.5	3.5	3.5
75°	2.8	2.7	2.3	1.9	2.0	2.4	2.9	3.4	3.5	3.5	3.5
72.5°	3.2	2.8	2.4	1.9	2.3	2.9	3.3	3.5	4.3	5.3	6.0
70°	3.3	2.9	2.7	2.8	3.2	3.9	5.4	7.3	9.1	9.8	10.4
67.5°	3.4	3.2	3.2	3.7	4.9	6.5	8.7	11.4	14.1	15.1	16.1
65°	3.5	3.4	3.9	5.0	6.7	9.4	12.4	15.5	20.2	22.6	23.6
62.5°	3.5	3.7	4.6	6.5	9.3	12.4	16.4	21.5	27.7	31.8	31.6
60°	3.5	3.9	5.8	8.6	11.8	15.6	20.6	27.8	36.6	42.9	38.7
57.5°	3.5	4.7	7.4	10.6	14.1	18.2	25.3	34.1	42.2	50.7	43.4
55°	4.0	5.9	8.9	12.4	16.5	21.4	28.3	35.3	44.1	47.3	39.5
52.5°	5.3	7.2	10.3	14.2	19.1	23.1	26.9	33.1	36.4	37.9	32.6
50°	6.6	8.7	11.5	16.3	20.6	22.8	23.3	27.2	28.7	27.4	24.8
47.5°	8.0	10.3	13.1	17.8	20.8	21.8	21.0	21.7	21.6	21.3	18.0
45°	9.6	12.2	15.2	18.4	20.6	20.3	20.0	17.6	19.9	19.2	17.7
42.5°	11.2	13.9	17.0	19.2	19.7	20.8	20.6	21.4	21.4	22.4	24.2
40°	12.6	15.5	19.1	20.6	20.1	23.2	27.9	30.2	27.1	32.8	37.6
37.5°	13.9	17.7	22.2	25.7	23.7	30.7	38.3	50.4	52.2	48.5	61.9
35°	15.1	20.2	29.5	37.7	39.7	43.0	64.3	83.6	95.6	88.6	98.8
32.5°	16.9	22.9	39.4	57.2	71.4	75.4	97.8	138.4	162.0	166.1	159.4
30°	19.9	32.1	54.2	82.0	113.6	142.1	161.7	208.1	246.8	289.0	314.1
27.5°	24.3	44.1	78.0	121.0	168.7	221.9	266.0	301.8	372.6	444.5	506.2
25°	29.5	68.5	105.1	169.7	245.6	319.0	380.4	435.2	528.5	640.7	828.3
22.5°	42.3	99.8	150.5	224.6	331.2	424.0	506.8	592.1	706.0	857.1	1249.5
20°	65.1	138.9	202.2	281.1	419.5	533.5	638.6	745.9	888.5	1205.0	2066.0
17.5°	91.4	179.8	251.9	343.4	485.2	630.3	774.5	892.6	1065.5	1532.5	2964.9
15°	120.4	221.8	296.9	400.4	547.6	705.4	866.5	1035.6	1299.2	1968.9	3818.2
12.5°	150.9	264.3	337.4	452.1	606.1	776.8	940.3	1123.5	1510.2	2631.0	4903.9
10°	182.1	306.6	373.9	498.6	660.4	843.8	1006.2	1197.4	1675.4	3054.8	5662.1
7.5°	202.0	336.6	403.8	540.0	710.1	905.7	1064.5	1258.4	1815.5	3323.8	6192.0
5°	217.1	351.9	413.6	558.5	742.7	950.8	1109.6	1307.3	1928.4	3455.4	6558.2
2.5°	228.6	364.0	421.6	569.7	762.6	971.9	1123.1	1325.7	1975.1	3534.8	6811.9
0°	236.4	372.7	427.9	576.2	776.4	985.1	1130.1	1335.4	1982.4	3557.5	6935.7
-2.5°	249.3	379.5	440.8	587.8	783.7	989.3	1135.9	1342.9	2011.4	3663.9	7124.7
-5°	258.8	383.5	451.7	595.0	784.8	986.3	1135.8	1341.1	1994.6	3626.9	6886.2
-7.5°	265.3	385.2	460.4	597.4	774.3	964.7	1112.7	1302.9	1889.9	3393.7	6238.5
-10°	270.0	390.8	471.3	593.8	751.4	929.5	1080.1	1256.4	1755.1	3066.0	5488.1
-12.5°	277.2	400.0	481.9	588.5	727.4	889.3	1042.2	1202.5	1591.6	2643.9	4639.9
-15°	280.9	407.6	491.8	582.3	703.9	844.6	999.3	1141.8	1408.5	2134.6	3698.1
-17.5°	280.9	413.9	501.1	576.0	682.1	796.0	956.3	1097.7	1279.4	1821.4	3041.7
-20°	277.4	419.2	510.2	570.3	664.1	765.8	921.2	1066.6	1226.6	1586.9	2390.4



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	270.3	423.7	516.1	574.8	657.5	753.3	881.2	1029.5	1171.7	1336.4	1893.2
-25°	265.6	412.4	516.8	579.4	650.5	740.0	837.9	985.8	1120.5	1279.1	1631.3
-27.5°	262.4	396.8	507.4	580.5	641.9	726.9	813.0	934.3	1081.3	1228.6	1389.7
-30°	254.3	368.4	494.3	575.2	638.4	715.0	796.0	887.4	1036.3	1179.1	1327.4
-32.5°	238.1	338.6	465.2	557.9	632.7	701.8	778.9	861.1	978.9	1126.2	1262.4
-35°	219.4	315.6	429.2	536.2	621.5	688.7	759.1	836.8	923.5	1057.4	1208.9
-37.5°	202.0	288.8	392.3	504.1	593.7	674.9	736.4	810.1	890.6	982.9	1134.2
-40°	181.3	258.3	357.7	463.0	563.4	652.5	721.8	780.8	855.2	949.1	1043.0
-42.5°	158.3	231.9	320.4	420.7	520.1	615.1	704.7	762.3	828.1	915.7	1005.5
-45°	139.4	201.9	280.4	373.3	469.0	568.1	659.2	749.1	812.1	882.4	967.7
-47.5°	118.1	171.1	243.0	322.1	413.4	507.5	605.1	698.5	794.7	862.0	928.9
-50°	97.8	144.8	201.4	274.2	353.7	442.4	534.2	636.9	733.7	827.4	905.0
-52.5°	84.9	116.1	166.9	225.6	296.4	373.6	461.2	556.0	655.9	755.4	840.7
-55°	71.1	97.3	132.2	182.5	240.2	308.1	383.3	470.2	560.8	656.1	746.4
-57.5°	57.7	80.4	106.3	141.5	190.4	243.8	309.1	380.7	461.9	546.4	621.8
-60°	44.3	63.6	85.8	111.3	142.3	188.1	235.0	294.1	361.7	429.9	495.7
-62.5°	31.5	47.2	65.8	86.7	111.2	136.0	173.4	216.6	261.5	316.7	371.3
-65°	25.2	32.6	46.4	63.9	82.6	104.0	126.3	149.0	185.6	222.2	257.1
-67.5°	18.7	25.2	32.2	41.3	57.3	73.2	90.5	110.3	130.3	149.0	171.3
-70°	15.8	18.2	23.4	29.8	36.1	43.6	57.5	72.4	87.9	102.5	118.1
-72.5°	13.6	15.8	18.0	20.1	25.0	29.7	34.1	38.1	47.0	59.2	71.0
-75°	11.6	13.4	15.4	17.3	18.9	20.4	22.3	26.0	29.7	33.3	36.6
-77.5°	9.8	11.0	12.5	14.3	15.7	16.7	17.8	19.0	20.7	22.5	24.4
-80°	8.1	8.6	9.4	10.5	11.8	12.8	13.8	14.6	15.6	16.8	18.1
-82.5°	6.5	6.9	7.3	7.6	8.3	9.1	10.0	11.0	11.6	12.2	12.8
-85°	5.1	5.2	5.5	5.7	6.0	6.4	6.9	7.3	7.9	8.4	8.8
-87.5°	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7	5.1	5.4	5.9
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.5	3.9	4.4	4.8	5.2	5.6	6.1	6.5	6.9	6.9	6.9
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	2.5	2.4	2.3	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	3.5	3.3	3.1	2.9	2.8	2.7	2.4	2.1	1.7	1.7	1.7
77.5°	3.5	3.5	3.5	3.5	3.5	3.1	2.7	2.2	1.8	1.7	1.7
75°	3.5	3.6	3.9	3.8	3.6	3.3	3.2	3.1	3.1	2.9	2.6
72.5°	6.2	6.1	5.8	5.8	5.6	5.6	5.6	5.4	5.0	4.9	4.9
70°	11.0	11.4	11.3	10.9	9.9	8.8	8.2	7.5	6.7	6.3	6.0
67.5°	17.0	17.1	16.2	14.7	12.3	10.1	9.2	8.2	7.3	7.0	7.4
65°	23.6	21.4	18.9	16.1	13.1	10.3	9.5	8.9	8.3	8.4	9.0
62.5°	29.1	23.5	18.9	15.7	12.8	10.2	9.4	8.6	7.9	7.4	7.3
60°	32.2	23.7	17.0	14.1	11.4	9.0	7.9	7.4	7.1	6.9	6.9
57.5°	32.2	22.3	14.8	12.1	9.8	7.7	6.9	6.9	6.9	6.9	6.9
55°	28.6	19.5	12.7	10.5	8.9	7.6	7.0	7.2	7.1	6.9	7.3
52.5°	22.5	16.2	11.8	9.8	9.1	8.7	8.5	8.4	8.2	8.0	8.3
50°	17.9	13.5	11.4	10.2	10.2	10.2	10.2	10.4	10.6	10.7	10.8
47.5°	15.0	12.6	12.9	11.9	12.3	13.3	13.6	13.7	14.2	14.3	14.0
45°	15.3	17.8	18.3	18.1	17.8	20.3	20.1	18.5	20.7	21.3	20.8
42.5°	25.4	27.5	28.9	30.2	31.7	33.6	34.6	34.0	36.0	36.0	33.7
40°	42.9	40.9	44.1	48.0	51.5	52.8	56.1	59.5	60.7	60.1	57.8
37.5°	70.3	67.2	67.5	76.3	84.4	74.9	88.9	94.5	91.0	103.6	106.1
35°	116.8	129.1	111.3	142.8	158.4	150.7	167.6	200.8	175.1	222.2	233.6
32.5°	207.6	237.3	255.9	282.5	321.6	373.0	385.9	467.8	494.1	532.0	572.9
30°	339.3	423.2	577.5	606.2	643.5	820.6	869.3	913.8	1007.1	1078.9	1201.1
27.5°	616.6	842.5	1165.3	1449.4	1428.6	1728.3	2061.7	1688.3	2242.3	2020.0	2551.5
25°	1154.6	1652.8	2430.9	3183.9	3543.2	4153.8	4917.3	4772.8	5780.2	5850.2	7336.1
22.5°	2195.9	3278.3	4468.2	5748.2	6989.9	8364.0	9684.5	11068.7	13149.9	16025.4	18820.1
20°	3592.9	5184.3	7106.1	9087.9	11189.6	13326.7	15809.5	20014.2	24325.3	30309.5	34537.0
17.5°	5106.5	7639.4	9998.5	12454.0	15392.2	18944.4	24080.3	31264.8	39979.1	48924.5	55844.6
15°	6428.7	9294.1	12694.6	15968.2	19621.7	24953.8	33020.4	43661.9	56621.2	70220.1	86664.4
12.5°	7708.1	10701.0	14396.5	18537.1	23501.8	31133.7	41589.9	55970.8	73138.7	93573.8	114694.6
10°	8700.9	11984.9	16097.9	20761.0	26820.6	36194.1	48344.9	65323.6	90763.8	114887.2	139005.6
7.5°	9476.7	13171.1	17527.8	22421.8	29477.5	40032.1	54569.4	75942.5	102822.2	128922.9	151137.8
5°	10166.3	14146.5	18496.5	23357.8	31390.2	42824.5	58479.2	82888.1	111572.3	137224.3	158363.7
2.5°	10709.5	14784.2	19028.7	23826.7	32621.4	44366.0	60541.1	86615.6	117212.5	142537.8	162723.0
0°	11038.4	14897.9	19117.9	23926.3	32714.9	45064.5	62150.0	88246.7	119224.3	145138.1	164991.0
-2.5°	10920.6	14643.2	18828.6	23633.6	32406.4	44409.9	60855.9	87420.2	117519.5	141764.3	161731.1
-5°	10333.5	13809.8	17696.3	22217.2	30359.4	41923.3	57187.2	81411.0	109703.0	133906.7	152695.5
-7.5°	9408.0	12645.1	16213.2	20398.6	27439.6	37889.1	51798.6	72412.8	98096.5	120429.1	137385.0
-10°	8372.6	11294.9	14386.4	18093.4	23597.1	32467.0	44082.4	59822.9	81850.2	101929.9	117961.9
-12.5°	7128.0	9559.3	12158.0	15354.9	19526.4	26757.5	36523.2	49291.9	64607.5	82475.7	97071.2
-15°	5834.5	7878.5	10029.5	13028.2	16586.0	21192.1	28211.8	38362.9	49731.4	61935.5	75178.3
-17.5°	4685.3	6415.8	8696.5	11222.2	13933.8	17139.1	22943.2	29861.1	38088.6	46793.5	54785.8
-20°	3763.7	5599.1	7648.0	9844.5	12336.0	15418.2	18983.6	24239.5	30340.8	37023.1	43425.6



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3096.1	4742.1	6644.7	8705.0	11225.6	14000.3	16887.9	20186.4	24564.9	29702.4	34620.9
-25°	2358.1	3733.6	5579.3	7657.1	9979.1	12426.0	14769.9	17458.8	20659.7	24002.5	27446.6
-27.5°	1869.1	2840.1	4355.6	6306.9	8455.4	10371.2	12379.3	14618.3	17417.4	20325.7	22242.1
-30°	1525.5	2094.0	3231.6	4756.2	6551.9	8242.6	9891.4	11903.6	14101.0	16188.3	17882.3
-32.5°	1425.1	1679.5	2268.1	3354.6	4703.3	6212.3	7692.6	9488.7	11194.3	12846.0	14302.5
-35°	1354.3	1516.9	1738.9	2305.7	3118.1	4344.4	5696.8	7216.8	8756.1	10090.4	11325.8
-37.5°	1288.2	1429.4	1576.3	1722.6	2179.9	2741.1	3693.6	4895.8	6063.5	7143.2	8206.6
-40°	1193.9	1348.6	1467.3	1592.4	1728.4	1883.0	2381.4	2872.6	3444.2	4272.3	4997.7
-42.5°	1093.9	1222.8	1358.0	1475.1	1588.9	1707.6	1833.3	1958.1	2219.4	2544.3	2810.4
-45°	1052.2	1129.7	1222.6	1344.8	1459.1	1565.9	1668.1	1766.9	1871.4	1966.7	2044.5
-47.5°	1002.2	1072.7	1147.8	1227.5	1311.5	1414.5	1515.6	1616.3	1707.6	1792.5	1860.3
-50°	956.0	1011.4	1078.6	1146.3	1213.4	1282.6	1352.4	1430.0	1517.3	1603.3	1674.0
-52.5°	918.2	969.0	1017.0	1065.1	1123.4	1182.0	1240.7	1302.5	1362.1	1418.4	1462.4
-55°	826.5	898.0	968.3	1013.7	1053.0	1092.8	1137.2	1192.7	1245.5	1295.6	1325.0
-57.5°	701.7	784.4	860.4	914.0	968.8	1024.3	1070.2	1109.8	1149.8	1187.9	1208.8
-60°	562.8	630.8	699.6	763.4	824.4	882.0	935.4	987.4	1035.6	1076.1	1100.7
-62.5°	425.3	481.8	537.7	591.1	642.4	692.4	749.3	804.2	856.4	899.0	925.3
-65°	296.1	342.3	385.7	427.3	467.1	509.7	554.0	597.0	638.3	671.1	692.6
-67.5°	201.4	229.9	255.7	280.4	310.7	343.5	376.0	406.2	433.9	455.2	470.3
-70°	133.8	149.0	162.7	178.7	198.4	218.4	238.5	257.2	274.2	286.9	296.5
-72.5°	82.3	92.9	102.8	113.5	123.6	134.0	145.0	155.7	166.0	173.5	179.1
-75°	39.6	44.5	53.2	61.1	68.3	75.0	81.0	86.3	90.9	93.8	95.6
-77.5°	27.0	29.2	31.4	33.6	35.8	38.5	41.2	43.8	46.3	48.2	49.9
-80°	19.5	20.7	21.7	22.5	23.3	24.4	25.6	26.8	28.0	28.5	28.8
-82.5°	13.5	14.4	15.3	16.2	17.0	17.8	18.6	19.3	20.0	20.6	21.2
-85°	9.1	9.6	10.1	10.6	11.1	11.7	12.3	12.9	13.4	13.6	13.6
-87.5°	6.3	6.4	6.6	6.7	6.7	7.2	7.6	8.1	8.5	8.6	8.6
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.5
87.5°	1.7	1.7	0.8	0.0	0.8	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.2
75°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	2.9	3.1	3.1
72.5°	5.0	5.1	4.4	3.5	4.4	5.1	5.0	4.9	4.9	5.0	5.4
70°	5.7	5.3	5.2	5.2	5.2	5.3	5.7	6.0	6.3	6.7	7.5
67.5°	7.9	8.4	8.6	8.6	8.6	8.4	7.9	7.4	7.0	7.3	8.2
65°	9.7	10.2	9.6	8.6	9.6	10.2	9.7	9.0	8.4	8.3	8.9
62.5°	7.2	7.1	6.9	6.9	6.9	7.1	7.2	7.3	7.4	7.9	8.6
60°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.1	7.4
57.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
55°	7.8	8.3	8.6	8.6	8.6	8.3	7.8	7.3	6.9	7.1	7.2
52.5°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.3	8.0	8.2	8.4
50°	10.8	10.5	10.4	10.4	10.4	10.5	10.8	10.8	10.7	10.6	10.4
47.5°	13.4	12.5	12.1	12.1	12.1	12.5	13.4	14.0	14.3	14.2	13.7
45°	21.0	20.7	20.5	20.7	20.5	20.7	21.0	20.8	21.3	20.7	18.5
42.5°	35.0	35.6	35.0	32.8	35.0	35.6	35.0	33.7	36.0	36.0	34.0
40°	57.8	55.6	52.7	51.8	52.7	55.6	57.8	57.8	60.1	60.7	59.5
37.5°	107.4	107.3	104.9	103.5	104.9	107.3	107.4	106.1	103.6	91.0	94.5
35°	225.9	224.1	211.8	200.1	211.8	224.1	225.9	233.6	222.2	175.1	200.8
32.5°	586.7	617.8	614.9	596.9	614.9	617.8	586.7	572.9	532.0	494.1	467.8
30°	1248.1	1303.8	1292.0	1218.1	1292.0	1303.8	1248.1	1201.1	1078.9	1007.1	913.8
27.5°	2579.7	2710.1	2824.9	2674.2	2824.9	2710.1	2579.7	2551.5	2020.0	2242.3	1688.3
25°	8823.9	9672.4	10174.4	9394.2	10174.4	9672.4	8823.9	7336.1	5850.2	5780.2	4772.8
22.5°	21059.0	22116.5	22680.7	23003.3	22680.7	22116.5	21059.0	18820.1	16025.4	13149.9	11068.7
20°	38629.2	40890.5	42339.0	39421.1	42339.0	40890.5	38629.2	34537.0	30309.5	24325.3	20014.2
17.5°	65444.6	73784.2	78175.0	80560.6	78175.0	73784.2	65444.6	55844.6	48924.5	39979.1	31264.8
15°	99355.3	110025.7	117231.4	120052.4	117231.4	110025.7	99355.3	86664.4	70220.1	56621.2	43661.9
12.5°	131418.2	142428.4	149076.7	150747.9	149076.7	142428.4	131418.2	114694.6	93573.8	73138.7	55970.8
10°	154223.5	164597.8	172245.5	174930.3	172245.5	164597.8	154223.5	139005.6	114887.2	90763.8	65323.6
7.5°	166919.4	179046.1	185786.6	187464.6	185786.6	179046.1	166919.4	151137.8	128922.9	102822.2	75942.5
5°	174226.1	185182.8	192551.0	193444.4	192551.0	185182.8	174226.1	158363.7	137224.3	111572.3	82888.1
2.5°	178937.3	189652.7	195851.9	197674.0	195851.9	189652.7	178937.3	162723.0	142537.8	117212.5	86615.6
0°	180093.3	189945.5	197435.0	199765.9	197435.0	189945.5	180093.3	164991.0	145138.1	119224.3	88246.7
-2.5°	176593.0	186097.3	191086.2	191895.1	191086.2	186097.3	176593.0	161731.1	141764.3	117519.5	87420.2
-5°	167654.1	174683.3	180442.6	181179.3	180442.6	174683.3	167654.1	152695.5	133906.7	109703.0	81411.0
-7.5°	148666.7	156551.8	159737.2	160599.3	159737.2	156551.8	148666.7	137385.0	120429.1	98096.5	72412.8
-10°	128464.2	135219.4	137476.0	138694.1	137476.0	135219.4	128464.2	117961.9	101929.9	81850.2	59822.9
-12.5°	108686.0	115291.5	117511.0	119274.3	117511.0	115291.5	108686.0	97071.2	82475.7	64607.5	49291.9
-15°	86526.1	93030.8	96616.7	98601.9	96616.7	93030.8	86526.1	75178.3	61935.5	49731.4	38362.9
-17.5°	64929.0	71106.4	75280.2	77708.7	75280.2	71106.4	64929.0	54785.8	46793.5	38088.6	29861.1
-20°	49231.6	53412.5	56624.3	58530.4	56624.3	53412.5	49231.6	43425.6	37023.1	30340.8	24239.5



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	38457.2	41352.9	43213.6	44431.3	43213.6	41352.9	38457.2	34620.9	29702.4	24564.9	20186.4
-25°	30056.6	31957.0	33160.3	34145.2	33160.3	31957.0	30056.6	27446.6	24002.5	20659.7	17458.8
-27.5°	23798.5	24817.4	25349.2	26072.5	25349.2	24817.4	23798.5	22242.1	20325.7	17417.4	14618.3
-30°	19131.5	19913.4	20336.1	20493.0	20336.1	19913.4	19131.5	17882.3	16188.3	14101.0	11903.6
-32.5°	15397.7	16136.3	16669.8	16919.9	16669.8	16136.3	15397.7	14302.5	12846.0	11194.3	9488.7
-35°	12284.4	12900.6	13321.1	13552.1	13321.1	12900.6	12284.4	11325.8	10090.4	8756.1	7216.8
-37.5°	9087.2	9763.3	10226.2	10384.5	10226.2	9763.3	9087.2	8206.6	7143.2	6063.5	4895.8
-40°	5575.3	6006.0	6284.0	6400.8	6284.0	6006.0	5575.3	4997.7	4272.3	3444.2	2872.6
-42.5°	3017.8	3176.0	3285.7	3348.8	3285.7	3176.0	3017.8	2810.4	2544.3	2219.4	1958.1
-45°	2094.9	2134.9	2160.3	2170.4	2160.3	2134.9	2094.9	2044.5	1966.7	1871.4	1766.9
-47.5°	1909.8	1953.0	1976.0	1977.2	1976.0	1953.0	1909.8	1860.3	1792.5	1707.6	1616.3
-50°	1729.9	1777.0	1800.7	1802.9	1800.7	1777.0	1729.9	1674.0	1603.3	1517.3	1430.0
-52.5°	1502.4	1539.7	1555.9	1554.5	1555.9	1539.7	1502.4	1462.4	1418.4	1362.1	1302.5
-55°	1350.6	1372.8	1382.7	1383.7	1382.7	1372.8	1350.6	1325.0	1295.6	1245.5	1192.7
-57.5°	1227.5	1244.0	1249.7	1249.1	1249.7	1244.0	1227.5	1208.8	1187.9	1149.8	1109.8
-60°	1122.1	1140.0	1144.9	1142.1	1144.9	1140.0	1122.1	1100.7	1076.1	1035.6	987.4
-62.5°	946.7	963.1	971.3	973.1	971.3	963.1	946.7	925.3	899.0	856.4	804.2
-65°	709.6	721.9	728.3	729.8	728.3	721.9	709.6	692.6	671.1	638.3	597.0
-67.5°	482.0	490.3	492.9	491.7	492.9	490.3	482.0	470.3	455.2	433.9	406.2
-70°	304.2	310.0	311.4	310.6	311.4	310.0	304.2	296.5	286.9	274.2	257.2
-72.5°	183.8	187.2	187.5	186.3	187.5	187.2	183.8	179.1	173.5	166.0	155.7
-75°	96.8	97.3	97.2	96.6	97.2	97.3	96.8	95.6	93.8	90.9	86.3
-77.5°	51.6	53.0	52.6	51.8	52.6	53.0	51.6	49.9	48.2	46.3	43.8
-80°	29.0	29.2	29.3	29.3	29.3	29.2	29.0	28.8	28.5	28.0	26.8
-82.5°	21.8	22.3	21.5	20.7	21.5	22.3	21.8	21.2	20.6	20.0	19.3
-85°	13.7	13.8	13.8	13.8	13.8	13.8	13.7	13.6	13.6	13.4	12.9
-87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.1
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.1	5.6	5.2	4.8	4.4	3.9	3.5	3.5	3.5	3.5	3.5
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	2.0	2.3	2.4	2.5	2.4	2.2	2.1	1.9
80°	2.4	2.7	2.8	2.9	3.1	3.3	3.5	3.5	3.5	3.4	3.1
77.5°	2.7	3.1	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4
75°	3.2	3.3	3.6	3.8	3.9	3.6	3.5	3.5	3.5	3.5	3.4
72.5°	5.6	5.6	5.6	5.8	5.8	6.1	6.2	6.0	5.3	4.3	3.5
70°	8.2	8.8	9.9	10.9	11.3	11.4	11.0	10.4	9.8	9.1	7.3
67.5°	9.2	10.1	12.3	14.7	16.2	17.1	17.0	16.1	15.1	14.1	11.4
65°	9.5	10.3	13.1	16.1	18.9	21.4	23.6	23.6	22.6	20.2	15.5
62.5°	9.4	10.2	12.8	15.7	18.9	23.5	29.1	31.6	31.8	27.7	21.5
60°	7.9	9.0	11.4	14.1	17.0	23.7	32.2	38.7	42.9	36.6	27.8
57.5°	6.9	7.7	9.8	12.1	14.8	22.3	32.2	43.4	50.7	42.2	34.1
55°	7.0	7.6	8.9	10.5	12.7	19.5	28.6	39.5	47.3	44.1	35.3
52.5°	8.5	8.7	9.1	9.8	11.8	16.2	22.5	32.6	37.9	36.4	33.1
50°	10.2	10.2	10.2	10.2	11.4	13.5	17.9	24.8	27.4	28.7	27.2
47.5°	13.6	13.3	12.3	11.9	12.9	12.6	15.0	18.0	21.3	21.6	21.7
45°	20.1	20.3	17.8	18.1	18.3	17.8	15.3	17.7	19.2	19.9	17.6
42.5°	34.6	33.6	31.7	30.2	28.9	27.5	25.4	24.2	22.4	21.4	21.4
40°	56.1	52.8	51.5	48.0	44.1	40.9	42.9	37.6	32.8	27.1	30.2
37.5°	88.9	74.9	84.4	76.3	67.5	67.2	70.3	61.9	48.5	52.2	50.4
35°	167.6	150.7	158.4	142.8	111.3	129.1	116.8	98.8	88.6	95.6	83.6
32.5°	385.9	373.0	321.6	282.5	255.9	237.3	207.6	159.4	166.1	162.0	138.4
30°	869.3	820.6	643.5	606.2	577.5	423.2	339.3	314.1	289.0	246.8	208.1
27.5°	2061.7	1728.3	1428.6	1449.4	1165.3	842.5	616.6	506.2	444.5	372.6	301.8
25°	4917.3	4153.8	3543.2	3183.9	2430.9	1652.8	1154.6	828.3	640.7	528.5	435.2
22.5°	9684.5	8364.0	6989.9	5748.2	4468.2	3278.3	2195.9	1249.5	857.1	706.0	592.1
20°	15809.5	13326.7	11189.6	9087.9	7106.1	5184.3	3592.9	2066.0	1205.0	888.5	745.9
17.5°	24080.3	18944.4	15392.2	12454.0	9998.5	7639.4	5106.5	2964.9	1532.5	1065.5	892.6
15°	33020.4	24953.8	19621.7	15968.2	12694.6	9294.1	6428.7	3818.2	1968.9	1299.2	1035.6
12.5°	41589.9	31133.7	23501.8	18537.1	14396.5	10701.0	7708.1	4903.9	2631.0	1510.2	1123.5
10°	48344.9	36194.1	26820.6	20761.0	16097.9	11984.9	8700.9	5662.1	3054.8	1675.4	1197.4
7.5°	54569.4	40032.1	29477.5	22421.8	17527.8	13171.1	9476.7	6192.0	3323.8	1815.5	1258.4
5°	58479.2	42824.5	31390.2	23357.8	18496.5	14146.5	10166.3	6558.2	3455.4	1928.4	1307.3
2.5°	60541.1	44366.0	32621.4	23826.7	19028.7	14784.2	10709.5	6811.9	3534.8	1975.1	1325.7
0°	62150.0	45064.5	32714.9	23926.3	19117.9	14897.9	11038.4	6935.7	3557.5	1982.4	1335.4
-2.5°	60855.9	44409.9	32406.4	23633.6	18828.6	14643.2	10920.6	7124.7	3663.9	2011.4	1342.9
-5°	57187.2	41923.3	30359.4	22217.2	17696.3	13809.8	10333.5	6886.2	3626.9	1994.6	1341.1
-7.5°	51798.6	37889.1	27439.6	20398.6	16213.2	12645.1	9408.0	6238.5	3393.7	1889.9	1302.9
-10°	44082.4	32467.0	23597.1	18093.4	14386.4	11294.9	8372.6	5488.1	3066.0	1755.1	1256.4
-12.5°	36523.2	26757.5	19526.4	15354.9	12158.0	9559.3	7128.0	4639.9	2643.9	1591.6	1202.5
-15°	28211.8	21192.1	16586.0	13028.2	10029.5	7878.5	5834.5	3698.1	2134.6	1408.5	1141.8
-17.5°	22943.2	17139.1	13933.8	11222.2	8696.5	6415.8	4685.3	3041.7	1821.4	1279.4	1097.7
-20°	18983.6	15418.2	12336.0	9844.5	7648.0	5599.1	3763.7	2390.4	1586.9	1226.6	1066.6



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16887.9	14000.3	11225.6	8705.0	6644.7	4742.1	3096.1	1893.2	1336.4	1171.7	1029.5
-25°	14769.9	12426.0	9979.1	7657.1	5579.3	3733.6	2358.1	1631.3	1279.1	1120.5	985.8
-27.5°	12379.3	10371.2	8455.4	6306.9	4355.6	2840.1	1869.1	1389.7	1228.6	1081.3	934.3
-30°	9891.4	8242.6	6551.9	4756.2	3231.6	2094.0	1525.5	1327.4	1179.1	1036.3	887.4
-32.5°	7692.6	6212.3	4703.3	3354.6	2268.1	1679.5	1425.1	1262.4	1126.2	978.9	861.1
-35°	5696.8	4344.4	3118.1	2305.7	1738.9	1516.9	1354.3	1208.9	1057.4	923.5	836.8
-37.5°	3693.6	2741.1	2179.9	1722.6	1576.3	1429.4	1288.2	1134.2	982.9	890.6	810.1
-40°	2381.4	1883.0	1728.4	1592.4	1467.3	1348.6	1193.9	1043.0	949.1	855.2	780.8
-42.5°	1833.3	1707.6	1588.9	1475.1	1358.0	1222.8	1093.9	1005.5	915.7	828.1	762.3
-45°	1668.1	1565.9	1459.1	1344.8	1222.6	1129.7	1052.2	967.7	882.4	812.1	749.1
-47.5°	1515.6	1414.5	1311.5	1227.5	1147.8	1072.7	1002.2	928.9	862.0	794.7	698.5
-50°	1352.4	1282.6	1213.4	1146.3	1078.6	1011.4	956.0	905.0	827.4	733.7	636.9
-52.5°	1240.7	1182.0	1123.4	1065.1	1017.0	969.0	918.2	840.7	755.4	655.9	556.0
-55°	1137.2	1092.8	1053.0	1013.7	968.3	898.0	826.5	746.4	656.1	560.8	470.2
-57.5°	1070.2	1024.3	968.8	914.0	860.4	784.4	701.7	621.8	546.4	461.9	380.7
-60°	935.4	882.0	824.4	763.4	699.6	630.8	562.8	495.7	429.9	361.7	294.1
-62.5°	749.3	692.4	642.4	591.1	537.7	481.8	425.3	371.3	316.7	261.5	216.6
-65°	554.0	509.7	467.1	427.3	385.7	342.3	296.1	257.1	222.2	185.6	149.0
-67.5°	376.0	343.5	310.7	280.4	255.7	229.9	201.4	171.3	149.0	130.3	110.3
-70°	238.5	218.4	198.4	178.7	162.7	149.0	133.8	118.1	102.5	87.9	72.4
-72.5°	145.0	134.0	123.6	113.5	102.8	92.9	82.3	71.0	59.2	47.0	38.1
-75°	81.0	75.0	68.3	61.1	53.2	44.5	39.6	36.6	33.3	29.7	26.0
-77.5°	41.2	38.5	35.8	33.6	31.4	29.2	27.0	24.4	22.5	20.7	19.0
-80°	25.6	24.4	23.3	22.5	21.7	20.7	19.5	18.1	16.8	15.6	14.6
-82.5°	18.6	17.8	17.0	16.2	15.3	14.4	13.5	12.8	12.2	11.6	11.0
-85°	12.3	11.7	11.1	10.6	10.1	9.6	9.1	8.8	8.4	7.9	7.3
-87.5°	7.6	7.2	6.7	6.7	6.6	6.4	6.3	5.9	5.4	5.1	4.7
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7
80°	2.6	2.2	1.9	1.7	1.8	1.7	1.7	1.7	2.0	2.0	2.0
77.5°	2.9	2.5	2.0	1.8	2.1	2.2	2.1	2.0	2.2	2.4	2.4
75°	2.9	2.4	2.0	1.9	2.3	2.7	2.8	2.7	2.6	2.7	2.8
72.5°	3.3	2.9	2.3	1.9	2.4	2.8	3.2	3.4	3.1	3.0	3.2
70°	5.4	3.9	3.2	2.8	2.7	2.9	3.3	3.5	3.5	3.3	3.3
67.5°	8.7	6.5	4.9	3.7	3.2	3.2	3.4	3.5	3.5	3.5	3.4
65°	12.4	9.4	6.7	5.0	3.9	3.4	3.5	3.5	3.5	3.5	3.5
62.5°	16.4	12.4	9.3	6.5	4.6	3.7	3.5	3.5	3.5	3.5	3.5
60°	20.6	15.6	11.8	8.6	5.8	3.9	3.5	3.5	3.5	3.5	3.5
57.5°	25.3	18.2	14.1	10.6	7.4	4.7	3.5	3.5	3.5	3.5	3.5
55°	28.3	21.4	16.5	12.4	8.9	5.9	4.0	3.5	3.5	3.5	3.5
52.5°	26.9	23.1	19.1	14.2	10.3	7.2	5.3	3.5	3.5	3.5	3.5
50°	23.3	22.8	20.6	16.3	11.5	8.7	6.6	4.5	3.5	3.5	3.5
47.5°	21.0	21.8	20.8	17.8	13.1	10.3	8.0	5.7	3.5	3.5	3.5
45°	20.0	20.3	20.6	18.4	15.2	12.2	9.6	6.7	4.5	3.6	3.5
42.5°	20.6	20.8	19.7	19.2	17.0	13.9	11.2	8.2	5.4	3.7	3.6
40°	27.9	23.2	20.1	20.6	19.1	15.5	12.6	9.6	6.3	4.1	3.7
37.5°	38.3	30.7	23.7	25.7	22.2	17.7	13.9	11.1	7.4	4.9	3.9
35°	64.3	43.0	39.7	37.7	29.5	20.2	15.1	12.5	8.8	5.8	4.1
32.5°	97.8	75.4	71.4	57.2	39.4	22.9	16.9	13.7	10.1	6.6	4.3
30°	161.7	142.1	113.6	82.0	54.2	32.1	19.9	15.2	11.3	7.3	4.7
27.5°	266.0	221.9	168.7	121.0	78.0	44.1	24.3	16.9	12.5	8.2	5.3
25°	380.4	319.0	245.6	169.7	105.1	68.5	29.5	19.0	13.8	9.1	5.9
22.5°	506.8	424.0	331.2	224.6	150.5	99.8	42.3	23.0	15.3	10.0	6.4
20°	638.6	533.5	419.5	281.1	202.2	138.9	65.1	27.4	16.8	10.8	6.9
17.5°	774.5	630.3	485.2	343.4	251.9	179.8	91.4	32.1	18.5	11.6	7.4
15°	866.5	705.4	547.6	400.4	296.9	221.8	120.4	37.0	20.1	12.3	8.0
12.5°	940.3	776.8	606.1	452.1	337.4	264.3	150.9	41.8	21.8	13.4	8.7
10°	1006.2	843.8	660.4	498.6	373.9	306.6	182.1	46.9	24.7	14.9	9.5
7.5°	1064.5	905.7	710.1	540.0	403.8	336.6	202.0	52.3	27.8	16.5	10.2
5°	1109.6	950.8	742.7	558.5	413.6	351.9	217.1	57.2	30.8	18.0	10.9
2.5°	1123.1	971.9	762.6	569.7	421.6	364.0	228.6	61.7	33.6	19.4	11.5
0°	1130.1	985.1	776.4	576.2	427.9	372.7	236.4	65.6	36.2	20.7	12.1
-2.5°	1135.9	989.3	783.7	587.8	440.8	379.5	249.3	84.5	48.9	27.8	15.3
-5°	1135.8	986.3	784.8	595.0	451.7	383.5	258.8	102.6	61.0	34.6	18.4
-7.5°	1112.7	964.7	774.3	597.4	460.4	385.2	265.3	119.3	72.3	40.9	21.3
-10°	1080.1	929.5	751.4	593.8	471.3	390.8	270.0	134.4	82.4	46.6	23.9
-12.5°	1042.2	889.3	727.4	588.5	481.9	400.0	277.2	147.7	91.1	51.4	26.2
-15°	999.3	844.6	703.9	582.3	491.8	407.6	280.9	158.7	97.8	55.3	28.2
-17.5°	956.3	796.0	682.1	576.0	501.1	413.9	280.9	166.8	102.9	58.3	30.0
-20°	921.2	765.8	664.1	570.3	510.2	419.2	277.4	171.8	106.0	60.1	31.6



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	881.2	753.3	657.5	574.8	516.1	423.7	270.3	173.3	107.2	60.8	32.7
-25°	837.9	740.0	650.5	579.4	516.8	412.4	265.6	171.2	106.1	60.1	33.1
-27.5°	813.0	726.9	641.9	580.5	507.4	396.8	262.4	169.6	103.8	58.1	32.9
-30°	796.0	715.0	638.4	575.2	494.3	368.4	254.3	165.3	101.3	56.8	32.1
-32.5°	778.9	701.8	632.7	557.9	465.2	338.6	238.1	157.8	97.0	55.7	31.4
-35°	759.1	688.7	621.5	536.2	429.2	315.6	219.4	147.2	90.6	53.6	30.3
-37.5°	736.4	674.9	593.7	504.1	392.3	288.8	202.0	134.2	82.4	50.6	28.7
-40°	721.8	652.5	563.4	463.0	357.7	258.3	181.3	121.0	76.4	46.5	26.5
-42.5°	704.7	615.1	520.1	420.7	320.4	231.9	158.3	105.9	69.7	42.8	23.7
-45°	659.2	568.1	469.0	373.3	280.4	201.9	139.4	90.2	62.0	38.9	21.1
-47.5°	605.1	507.5	413.4	322.1	243.0	171.1	118.1	80.6	53.6	34.2	19.1
-50°	534.2	442.4	353.7	274.2	201.4	144.8	97.8	70.1	46.7	28.3	16.9
-52.5°	461.2	373.6	296.4	225.6	166.9	116.1	84.9	59.0	39.0	24.0	14.3
-55°	383.3	308.1	240.2	182.5	132.2	97.3	71.1	49.1	30.5	20.3	11.6
-57.5°	309.1	243.8	190.4	141.5	106.3	80.4	57.7	38.3	25.2	16.5	11.0
-60°	235.0	188.1	142.3	111.3	85.8	63.6	44.3	28.9	20.6	13.2	10.3
-62.5°	173.4	136.0	111.2	86.7	65.8	47.2	31.5	23.5	15.8	12.1	9.5
-65°	126.3	104.0	82.6	63.9	46.4	32.6	25.2	18.0	13.8	11.1	8.7
-67.5°	90.5	73.2	57.3	41.3	32.2	25.2	18.7	15.1	12.3	9.9	7.8
-70°	57.5	43.6	36.1	29.8	23.4	18.2	15.8	13.2	10.8	8.9	6.9
-72.5°	34.1	29.7	25.0	20.1	18.0	15.8	13.6	11.5	9.7	7.9	6.0
-75°	22.3	20.4	18.9	17.3	15.4	13.4	11.6	10.1	8.5	6.8	5.4
-77.5°	17.8	16.7	15.7	14.3	12.5	11.0	9.8	8.8	7.3	6.0	4.9
-80°	13.8	12.8	11.8	10.5	9.4	8.6	8.1	7.4	6.3	5.2	4.3
-82.5°	10.0	9.1	8.3	7.6	7.3	6.9	6.5	6.1	5.2	4.4	3.9
-85°	6.9	6.4	6.0	5.7	5.5	5.2	5.1	4.9	4.5	4.1	3.7
-87.5°	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.0	3.8	3.6
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	1.7	1.8	1.9	1.9	1.9	2.6	3.5
85°	1.7	1.9	2.0	2.1	2.0	2.7	3.5
82.5°	1.7	2.0	2.2	2.2	2.2	2.7	3.5
80°	1.8	2.1	2.3	2.4	2.3	2.8	3.5
77.5°	2.3	2.3	2.5	2.6	2.5	2.8	3.5
75°	2.7	2.6	2.7	2.8	2.7	2.9	3.5
72.5°	3.1	2.9	2.8	3.0	2.8	2.9	3.5
70°	3.5	3.1	3.0	3.1	3.0	2.9	3.5
67.5°	3.5	3.4	3.1	3.2	3.1	3.0	3.5
65°	3.5	3.5	3.3	3.3	3.2	3.0	3.5
62.5°	3.5	3.5	3.4	3.3	3.4	3.1	3.5
60°	3.5	3.5	3.5	3.4	3.5	3.1	3.5
57.5°	3.5	3.5	3.5	3.4	3.5	3.1	3.5
55°	3.5	3.5	3.5	3.4	3.5	3.2	3.5
52.5°	3.5	3.5	3.5	3.5	3.5	3.2	3.5
50°	3.5	3.5	3.5	3.5	3.5	3.3	3.5
47.5°	3.5	3.5	3.5	3.5	3.5	3.3	3.5
45°	3.5	3.5	3.5	3.5	3.5	3.3	3.5
42.5°	3.5	3.5	3.5	3.5	3.5	3.3	3.5
40°	3.5	3.5	3.5	3.5	3.5	3.4	3.5
37.5°	3.5	3.5	3.5	3.5	3.5	3.4	3.5
35°	3.5	3.5	3.5	3.5	3.5	3.4	3.5
32.5°	3.6	3.5	3.5	3.5	3.5	3.4	3.5
30°	3.7	3.5	3.5	3.5	3.5	3.4	3.5
27.5°	3.9	3.5	3.5	3.5	3.5	3.5	3.5
25°	4.1	3.5	3.5	3.5	3.5	3.5	3.5
22.5°	4.3	3.5	3.5	3.5	3.5	3.5	3.5
20°	4.5	3.7	3.5	3.5	3.5	3.5	3.5
17.5°	4.9	3.8	3.5	3.5	3.5	3.5	3.5
15°	5.2	4.0	3.5	3.5	3.5	3.5	3.5
12.5°	5.5	4.2	3.5	3.5	3.5	3.5	3.5
10°	5.8	4.4	3.5	3.5	3.5	3.5	3.5
7.5°	6.1	4.6	3.5	3.5	3.5	3.5	3.5
5°	6.4	4.8	3.5	3.5	3.5	3.5	3.5
2.5°	6.7	5.0	3.5	3.5	3.5	3.5	3.5
0°	6.9	5.2	3.5	3.5	3.5	3.5	3.5
-2.5°	8.5	5.8	3.6	3.5	3.5	3.5	3.5
-5°	10.1	6.3	3.8	3.5	3.5	3.5	3.5
-7.5°	11.5	6.8	3.9	3.5	3.5	3.5	3.5
-10°	12.8	7.2	4.1	3.5	3.5	3.5	3.5
-12.5°	14.0	7.6	4.2	3.5	3.5	3.5	3.5
-15°	15.0	7.9	4.3	3.5	3.5	3.5	3.5
-17.5°	15.8	8.1	4.3	3.5	3.5	3.5	3.5
-20°	16.4	8.3	4.4	3.5	3.5	3.5	3.5



REPORT NUMBER: P1306265 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.0	8.3	4.4	3.5	3.5	3.5	3.5
-25°	17.3	8.3	4.4	3.5	3.5	3.5	3.5
-27.5°	17.2	8.3	4.4	3.5	3.5	3.5	3.5
-30°	16.8	8.2	4.3	3.5	3.5	3.5	3.5
-32.5°	15.9	7.8	4.4	3.5	3.5	3.5	3.5
-35°	15.3	7.4	4.4	3.5	3.5	3.5	3.5
-37.5°	14.7	7.0	4.4	3.5	3.5	3.5	3.5
-40°	13.8	6.9	4.4	3.5	3.5	3.5	3.5
-42.5°	12.7	6.9	4.4	3.5	3.5	3.5	3.5
-45°	11.4	6.7	4.4	3.6	3.5	3.5	3.5
-47.5°	9.8	6.6	4.5	3.6	3.5	3.5	3.5
-50°	9.3	6.4	4.5	3.6	3.5	3.5	3.5
-52.5°	8.9	6.1	4.4	3.6	3.5	3.5	3.5
-55°	8.5	5.9	4.4	3.6	3.5	3.5	3.5
-57.5°	8.1	5.7	4.3	3.6	3.5	3.5	3.5
-60°	7.5	5.5	4.1	3.6	3.5	3.5	3.5
-62.5°	7.0	5.2	4.1	3.6	3.5	3.5	3.5
-65°	6.5	4.8	4.0	3.6	3.5	3.5	3.5
-67.5°	5.8	4.5	3.9	3.5	3.5	3.5	3.5
-70°	5.2	4.3	3.8	3.5	3.5	3.5	3.5
-72.5°	4.7	4.1	3.7	3.5	3.5	3.5	3.5
-75°	4.4	3.8	3.5	3.5	3.5	3.5	3.5
-77.5°	4.0	3.6	3.5	3.5	3.5	3.5	3.5
-80°	3.6	3.5	3.5	3.5	3.5	3.5	3.5
-82.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-90°	1.7	1.7	1.7	1.7	1.7	2.6	3.5

(END OF REPORT)