

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: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-4S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

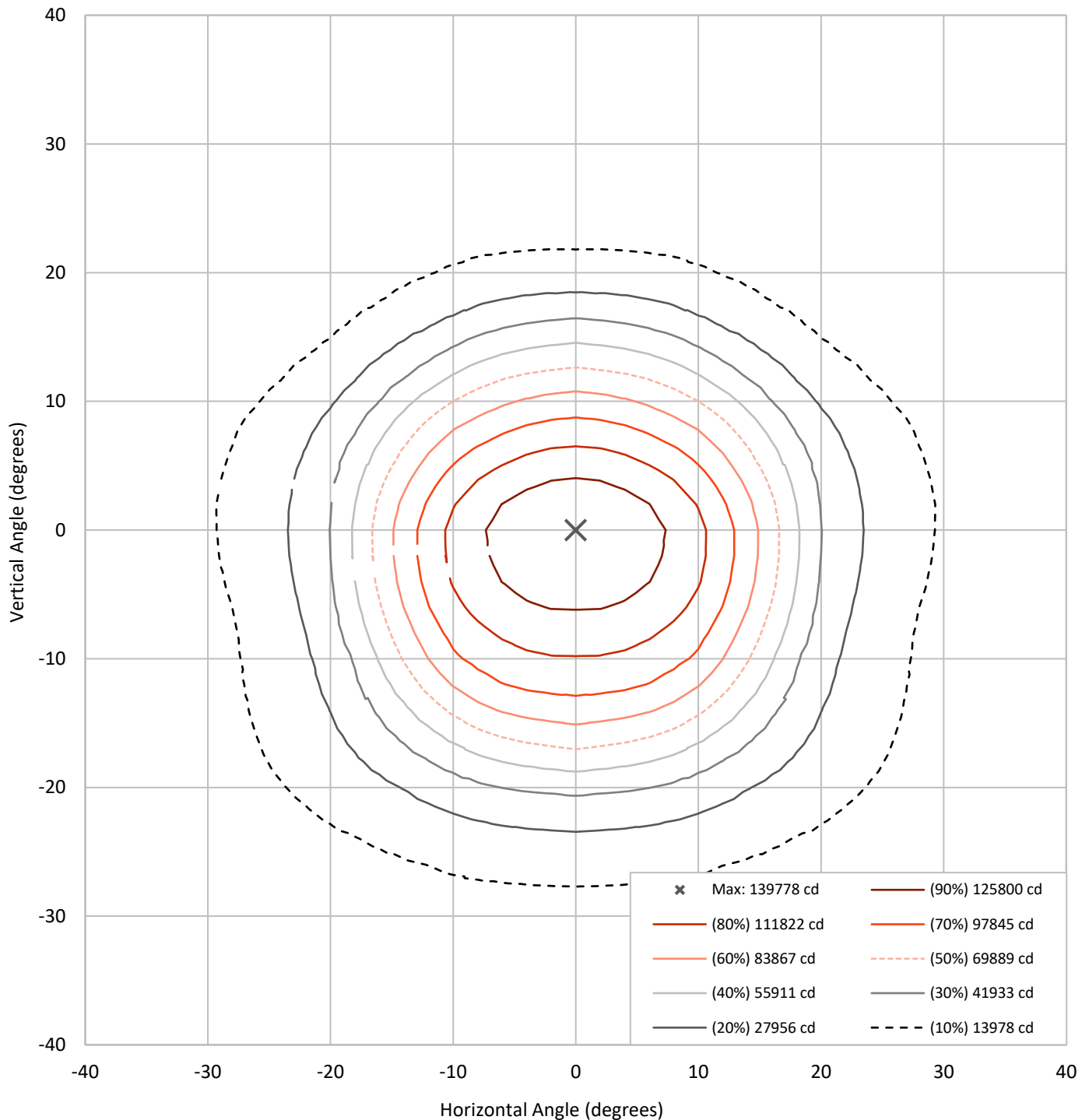
Test Method: LM-79-08  
Report Number: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-50-70-4S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	44735.3 lumens	Max Intensity:	139778 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	24547.7 lumens	Field Lumens:	39330.7 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%
Input Watts (W):	334		
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: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

### Iso-Candela Plot





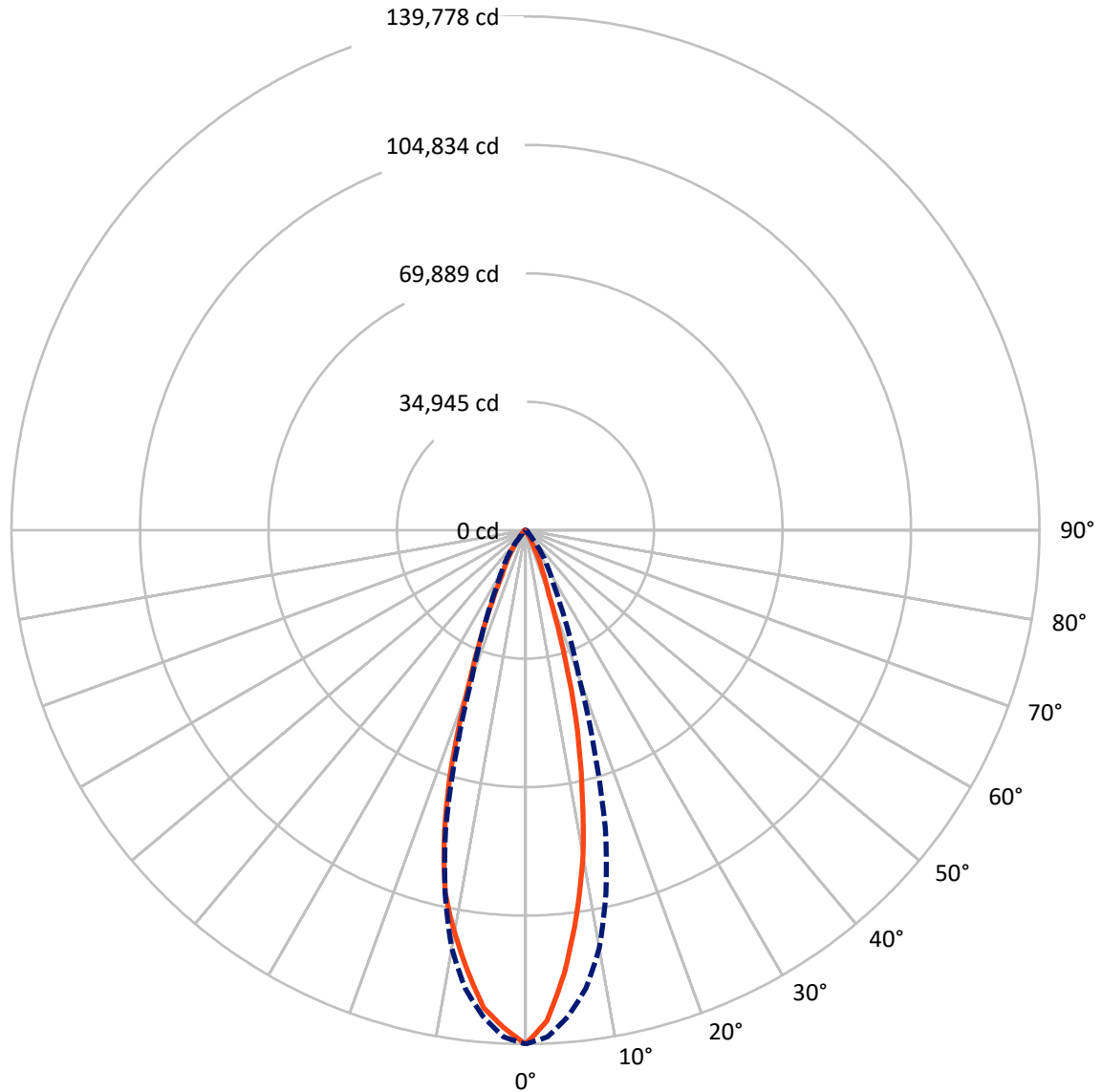
REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

### Lumen Table

90	0.1	0.3	0.4	0.4	0.3	0.4	0.4	0.3	0.1										
80	0.1	0.3	0.4	0.4	0.3	0.4	0.4	0.3	0.1										
70	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.2	0.1				
50	0.1	0.1	0.2	0.4	0.4	0.5	0.7	0.9	0.9	0.7	0.5	0.4	0.4	0.2	0.1	0.1			
40		0.1	0.5	1.1	1.9	4.2	8.4	11.6	11.6	8.4	4.2	1.9	1.1	0.5	0.1				
30	0.1	0.2	1.6	4.4	16.4	59.6	141.3	239.0	239.0	141.3	59.6	16.4	4.4	1.6	0.2	0.1			
20		0.5	3.7	11.8	72.4	250.8	769.5	1453.8	1453.8	769.5	250.8	72.4	11.8	3.7	0.5				
10	0.2	1.0	6.2	22.2	168.7	600.8	1993.0	3367.4	3367.4	1993.0	600.8	168.7	22.2	6.2	1.0	0.2			
0		1.7	8.3	26.4	175.8	619.6	2236.9	3697.0	3697.0	2236.9	619.6	175.8	26.4	8.3	1.7				
-10	0.3	2.0	8.5	22.7	137.2	456.7	1335.9	2333.9	2333.9	1335.9	456.7	137.2	22.7	8.5	2.0	0.3			
-20		1.8	7.3	15.6	59.3	216.8	451.2	675.3	675.3	451.2	216.8	59.3	15.6	7.3	1.8				
-30	0.3	1.4	5.6	10.8	20.4	58.6	132.9	187.8	187.8	132.9	58.6	20.4	10.8	5.6	1.4	0.3			
-40		0.9	3.7	8.2	13.4	20.3	29.8	39.0	39.0	29.8	20.3	13.4	8.2	3.7	0.9				
-50	0.2	0.4	2.0	5.4	9.9	14.3	18.4	20.8	20.8	18.4	14.3	9.9	5.4	2.0	0.4	0.2			
-60		0.2	0.7	2.2	4.8	8.3	11.9	13.9	13.9	11.9	8.3	4.8	2.2	0.7	0.2				
-70	0.1	0.5	1.8	4.7	6.6	4.7	1.8	0.5	0.1							0.1			
-80		0.5	1.8	4.7	6.6	4.7	1.8	0.5	0.1										
-90	0.1	0.5	1.8	4.7	6.6	4.7	1.8	0.5	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

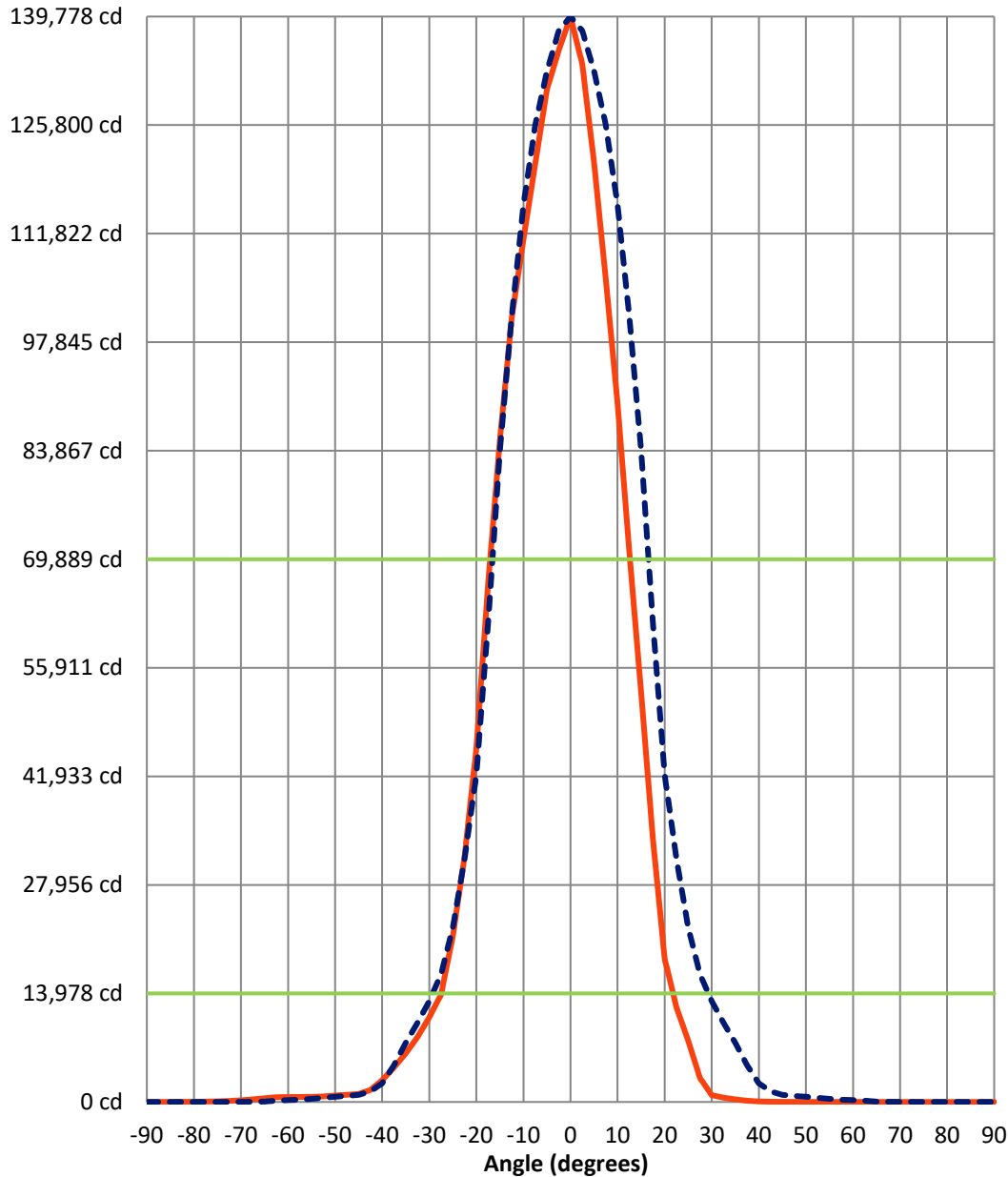
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.2°  
 V Angle: 29.7°  
 Lumens: 24547.7  
 Efficiency: 54.9%

**Field:**  
 H Angle: 58.6°  
 V Angle: 49.3°  
 Lumens: 39330.7  
 Efficiency: 87.9%

**Spill:**  
 Lumens: 5404.6  
 Efficiency: 12.1%

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



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9
80°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1	5.1	5.1	4.9
77.5°	4.9	4.9	4.9	4.9	4.9	5.0	5.3	5.4	5.4	5.2	5.0
75°	4.9	4.9	4.9	4.9	4.9	5.3	5.6	5.7	5.6	5.3	5.0
72.5°	4.9	4.9	4.9	4.9	5.2	5.5	5.9	6.0	5.7	5.3	5.0
70°	4.9	4.9	4.9	4.9	5.4	5.8	6.2	6.0	5.7	5.4	5.4
67.5°	4.9	4.9	4.9	5.1	5.6	6.1	6.2	6.0	5.7	5.7	5.9
65°	4.9	4.9	4.9	5.2	5.8	6.2	6.2	6.1	5.9	6.0	6.2
62.5°	4.9	4.9	4.9	5.4	6.0	6.2	6.2	6.1	6.1	6.2	6.2
60°	4.9	4.9	4.9	5.5	6.2	6.2	6.2	6.2	6.2	6.2	6.2
57.5°	4.9	4.9	5.0	5.7	6.2	6.2	6.2	6.2	6.2	6.2	6.2
55°	4.9	4.9	5.1	5.8	6.2	6.2	6.2	6.2	6.2	6.2	6.2
52.5°	4.9	4.9	5.2	6.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
50°	4.9	4.9	5.3	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.7
47.5°	4.9	4.9	5.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	7.3
45°	4.9	4.9	5.4	6.2	6.2	6.2	6.2	6.2	6.2	6.6	7.7
42.5°	4.9	4.9	5.5	6.2	6.2	6.2	6.2	6.2	6.3	6.9	8.0
40°	4.9	4.9	5.6	6.2	6.2	6.2	6.2	6.3	6.5	7.2	8.3
37.5°	4.9	4.9	5.7	6.2	6.2	6.2	6.2	6.5	6.9	7.6	8.5
35°	4.9	4.9	5.7	6.2	6.2	6.2	6.2	6.6	7.2	8.0	8.7
32.5°	4.9	4.9	5.8	6.2	6.2	6.2	6.2	6.8	7.5	8.3	9.3
30°	4.9	4.9	5.9	6.2	6.2	6.2	6.4	7.0	7.8	8.7	10.1
27.5°	4.9	4.9	5.9	6.2	6.2	6.2	6.5	7.2	8.1	9.1	11.1
25°	4.9	4.9	6.0	6.2	6.2	6.2	6.6	7.5	8.4	9.7	12.3
22.5°	4.9	4.9	6.0	6.2	6.2	6.2	6.8	7.7	8.7	10.6	14.9
20°	4.9	4.9	6.0	6.2	6.2	6.3	6.9	7.9	9.0	11.5	17.5
17.5°	4.9	4.9	6.1	6.2	6.2	6.4	7.1	8.1	9.2	12.5	20.1
15°	4.9	4.9	6.1	6.2	6.2	6.5	7.2	8.4	9.5	13.5	22.8
12.5°	4.9	4.9	6.1	6.2	6.2	6.7	7.3	8.6	10.2	14.6	25.3
10°	4.9	4.9	6.2	6.2	6.2	6.8	7.3	8.9	11.3	17.0	28.9
7.5°	4.9	4.9	6.2	6.2	6.2	7.0	7.4	9.2	12.4	19.6	34.8
5°	4.9	4.9	6.2	6.2	6.2	7.1	7.4	9.4	13.6	22.2	40.7
2.5°	4.9	4.9	6.2	6.2	6.2	7.3	7.4	9.7	14.8	24.7	46.4
0°	4.9	4.9	6.2	6.2	6.2	7.4	7.4	9.9	16.0	27.1	51.8
-2.5°	4.9	4.9	6.2	6.2	6.2	7.4	8.1	11.8	20.6	35.9	67.0
-5°	4.9	4.9	6.2	6.2	6.2	7.4	8.7	13.6	25.1	44.3	81.3
-7.5°	4.9	4.9	6.2	6.2	6.2	7.3	9.3	15.3	29.1	52.1	94.4
-10°	4.9	4.9	6.2	6.2	6.2	7.3	9.8	16.8	32.7	59.0	105.9
-12.5°	4.9	4.9	6.1	6.2	6.2	7.3	10.2	18.1	35.7	64.9	113.4
-15°	4.9	4.9	6.1	6.2	6.2	7.2	10.5	19.1	38.2	69.4	118.4
-17.5°	4.9	4.9	6.1	6.2	6.2	7.1	10.6	20.1	40.3	72.7	121.7
-20°	4.9	4.9	6.0	6.2	6.2	7.0	10.9	21.1	41.5	74.7	123.3



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.9	4.9	6.0	6.2	6.2	6.9	11.3	21.8	41.7	75.4	123.0
-25°	4.9	4.9	6.0	6.2	6.2	7.0	11.5	22.0	41.0	74.6	120.8
-27.5°	4.9	4.9	5.9	6.2	6.2	7.1	11.5	21.8	39.3	72.9	119.5
-30°	4.9	4.9	5.9	6.2	6.2	7.2	11.1	21.2	38.1	70.8	116.4
-32.5°	4.9	4.9	5.8	6.2	6.3	7.1	10.5	20.7	37.3	67.2	111.2
-35°	4.9	4.9	5.7	6.2	6.3	7.0	10.2	19.9	35.8	62.1	103.8
-37.5°	4.9	4.9	5.7	6.2	6.4	6.8	10.1	18.8	33.7	55.5	92.5
-40°	4.9	4.9	5.6	6.2	6.4	6.9	9.7	17.2	31.0	51.2	81.4
-42.5°	4.9	4.9	5.5	6.2	6.4	6.9	9.2	15.1	28.3	46.3	69.8
-45°	4.9	4.9	5.4	6.2	6.5	6.9	8.6	13.4	25.4	40.9	58.5
-47.5°	4.9	4.9	5.4	6.3	6.5	6.9	7.8	12.4	22.0	35.1	51.9
-50°	4.9	4.9	5.3	6.2	6.5	6.9	7.6	11.2	17.7	30.2	45.0
-52.5°	4.9	4.9	5.2	6.1	6.6	6.8	7.6	9.9	15.0	24.9	37.8
-55°	4.9	4.9	5.1	6.0	6.6	6.8	7.5	8.4	13.0	19.2	31.3
-57.5°	4.9	4.9	5.0	5.9	6.6	6.9	7.3	8.2	10.8	15.9	24.3
-60°	4.9	4.9	4.9	5.7	6.6	6.9	7.2	8.0	8.8	13.0	18.3
-62.5°	4.9	4.9	4.9	5.6	6.5	6.9	7.2	7.7	8.5	9.9	14.7
-65°	4.9	4.9	4.9	5.5	6.3	7.0	7.2	7.5	8.2	9.0	10.8
-67.5°	4.9	4.9	4.9	5.3	6.1	6.9	7.3	7.5	7.8	8.6	9.3
-70°	4.9	4.9	4.9	5.2	5.9	6.6	7.3	7.5	7.7	8.2	8.9
-72.5°	4.9	4.9	4.9	5.2	5.7	6.4	7.1	7.4	7.6	7.9	8.4
-75°	4.9	4.9	4.9	5.1	5.5	6.2	6.8	7.1	7.4	7.6	8.0
-77.5°	4.9	4.9	4.9	5.1	5.4	5.9	6.5	6.8	7.0	7.3	7.5
-80°	4.9	4.9	4.9	5.1	5.3	5.7	6.2	6.4	6.6	6.8	7.0
-82.5°	4.9	4.9	4.9	5.0	5.2	5.5	5.9	6.1	6.2	6.4	6.5
-85°	4.9	4.9	4.9	5.0	5.1	5.3	5.6	5.7	5.8	5.9	6.0
-87.5°	4.9	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.4
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	4.3	4.0
87.5°	4.6	4.3	4.0	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.8
85°	4.6	4.3	4.1	3.9	3.9	3.9	3.8	3.7	3.5	3.4	3.3
82.5°	4.7	4.6	4.6	4.6	4.5	4.3	4.0	3.7	3.7	3.7	3.7
80°	4.9	4.9	4.9	4.9	4.7	4.4	4.1	3.8	3.7	3.7	3.8
77.5°	4.9	4.9	4.9	4.9	4.7	4.5	4.4	4.4	4.4	4.3	4.1
75°	4.9	4.9	5.0	5.0	4.8	4.8	4.9	4.9	4.7	4.4	4.1
72.5°	5.1	5.3	5.2	5.1	4.9	4.9	4.9	4.9	5.1	5.1	5.0
70°	5.6	5.7	5.4	5.1	4.9	5.1	5.8	6.4	6.8	6.9	7.1
67.5°	6.1	5.8	5.5	5.3	5.9	6.6	7.4	8.4	9.4	9.7	10.2
65°	6.2	5.9	5.9	6.4	7.3	8.2	9.3	10.6	13.3	14.9	15.7
62.5°	6.2	6.1	6.5	7.4	8.6	9.8	11.7	14.7	18.7	21.5	21.6
60°	6.2	6.3	7.2	8.6	9.9	11.5	14.4	18.9	25.0	29.5	26.9
57.5°	6.2	6.9	8.3	9.7	11.0	12.8	17.2	23.1	29.3	35.8	30.6
55°	6.5	7.8	9.2	10.5	12.1	14.5	19.1	24.6	31.5	33.3	27.4
52.5°	7.3	8.7	9.8	11.3	13.4	15.7	18.9	23.7	25.9	26.4	22.8
50°	8.0	9.1	10.3	12.0	14.2	16.1	17.0	19.9	20.7	19.7	17.7
47.5°	8.5	9.5	10.6	12.5	14.7	16.3	16.3	16.5	16.2	15.9	13.1
45°	8.8	9.9	10.9	13.1	15.4	16.8	16.0	13.8	15.6	15.1	14.4
42.5°	9.1	10.2	12.0	13.7	16.8	17.7	16.4	17.0	17.5	18.2	18.5
40°	9.4	10.6	13.5	16.8	18.5	19.0	21.0	22.6	21.9	23.9	25.2
37.5°	9.7	12.3	16.4	22.5	20.5	23.2	27.0	33.2	33.4	31.5	36.2
35°	10.0	14.2	23.3	29.9	28.3	29.9	40.0	48.1	50.5	47.9	50.9
32.5°	11.2	16.3	32.0	38.8	42.8	44.8	56.3	68.5	77.6	79.4	72.0
30°	13.4	24.3	42.0	49.7	61.1	72.2	80.2	94.9	113.7	128.4	134.5
27.5°	16.4	33.9	52.3	66.3	83.7	102.7	116.5	134.8	165.5	191.9	213.5
25°	19.5	47.1	63.9	86.7	112.6	137.1	158.4	189.0	229.6	273.3	349.3
22.5°	26.6	62.0	81.5	109.2	143.4	174.0	209.5	253.1	305.1	365.0	505.9
20°	38.0	76.8	102.5	134.3	176.5	212.8	262.8	318.4	389.4	517.3	756.4
17.5°	50.2	92.7	124.2	164.0	216.4	262.3	318.4	383.3	477.3	681.9	1153.1
15°	62.9	109.3	144.8	195.4	260.0	325.4	393.1	463.9	598.3	914.9	1658.1
12.5°	75.8	126.4	164.3	227.9	306.1	391.4	472.1	562.1	756.5	1315.4	2406.2
10°	88.4	143.7	182.9	260.7	353.8	458.7	550.4	656.4	920.9	1678.2	3075.2
7.5°	109.2	166.1	202.6	293.1	401.7	526.1	627.2	746.2	1081.5	1994.4	3691.4
5°	131.1	193.7	234.2	332.6	449.0	586.2	696.7	830.8	1233.6	2260.3	4269.4
2.5°	152.1	220.2	264.9	370.6	493.3	632.9	740.8	878.3	1315.0	2384.7	4626.4
0°	171.3	245.3	294.6	405.5	533.7	674.3	780.3	919.6	1364.6	2408.6	4740.8
-2.5°	194.6	272.8	325.3	433.2	555.8	698.6	805.3	950.9	1415.9	2543.3	4761.5
-5°	214.6	298.3	354.5	458.0	574.3	717.6	826.2	975.4	1439.8	2604.6	4661.5
-7.5°	230.7	321.6	382.2	477.5	583.9	721.4	833.8	979.4	1423.1	2573.0	4456.6
-10°	240.5	331.4	388.9	477.2	580.8	713.3	833.9	975.8	1375.0	2442.1	4168.9
-12.5°	233.4	328.7	390.1	473.6	574.9	699.8	828.0	964.7	1293.2	2200.2	3832.3
-15°	224.7	324.3	389.3	466.6	566.4	680.9	815.7	945.6	1165.6	1825.2	3416.5
-17.5°	214.7	318.3	386.4	456.4	555.6	656.5	790.7	896.0	1033.6	1555.1	2937.2
-20°	203.8	310.7	381.1	442.7	542.4	621.3	731.7	840.2	965.7	1322.5	2292.5



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	192.5	301.6	372.4	433.9	508.8	580.8	669.7	776.0	891.0	1033.4	1606.7
-25°	185.9	284.5	359.9	413.3	472.5	539.5	606.0	704.1	813.0	927.7	1229.5
-27.5°	182.4	268.1	339.5	392.8	437.5	498.2	554.8	633.1	734.0	832.0	927.7
-30°	176.5	244.7	318.7	371.5	412.0	459.9	508.6	572.2	661.8	747.8	827.1
-32.5°	163.7	221.0	293.0	347.9	389.5	424.4	472.6	529.3	598.3	673.0	736.8
-35°	148.1	202.3	265.4	324.2	367.4	400.4	443.7	491.5	542.1	606.9	683.2
-37.5°	133.6	182.0	237.9	297.8	341.9	382.1	415.5	458.4	502.1	550.0	626.4
-40°	118.0	160.1	213.0	268.1	319.2	360.9	395.5	427.6	465.8	513.7	564.7
-42.5°	101.8	141.7	187.5	239.0	290.3	335.2	374.5	404.1	436.7	478.0	523.4
-45°	88.4	122.3	161.4	210.1	258.5	305.9	345.9	383.2	414.5	444.9	484.2
-47.5°	74.4	103.2	139.2	180.7	226.7	271.1	314.5	355.7	395.5	423.9	447.9
-50°	61.6	87.4	116.7	154.8	195.0	236.5	277.1	325.4	367.5	403.4	431.3
-52.5°	53.3	71.0	98.0	129.3	165.4	202.8	242.9	287.3	332.9	375.5	408.2
-55°	44.7	59.9	79.0	106.0	136.7	170.6	208.1	248.8	290.4	333.2	375.0
-57.5°	36.4	49.9	64.5	83.3	109.8	138.8	173.2	209.4	247.6	286.5	325.1
-60°	28.0	39.8	52.9	66.7	82.9	109.0	137.5	169.3	203.3	238.2	273.1
-62.5°	20.1	29.7	41.2	53.6	66.5	80.7	103.6	130.1	157.6	186.5	216.9
-65°	15.6	20.6	29.1	40.1	51.8	64.2	77.8	92.7	115.6	138.0	159.4
-67.5°	10.9	15.6	20.2	25.9	35.9	46.5	58.0	70.4	83.6	96.7	112.0
-70°	9.7	11.1	14.7	18.8	22.7	27.9	37.3	47.3	57.6	67.5	78.4
-72.5°	9.1	10.1	11.4	13.0	16.3	19.6	22.7	25.8	31.8	40.0	48.1
-75°	8.5	9.1	10.0	11.2	12.5	13.9	15.5	18.2	20.7	23.2	25.6
-77.5°	7.8	8.3	8.8	9.5	10.2	11.3	12.4	13.5	14.6	15.6	16.6
-80°	7.2	7.4	7.7	8.1	8.6	9.1	9.7	10.4	10.9	11.4	12.1
-82.5°	6.7	6.8	6.9	7.1	7.1	7.3	7.5	7.8	8.2	8.5	8.8
-85°	6.1	6.2	6.3	6.4	6.2	6.1	6.0	5.9	6.1	6.2	6.4
-87.5°	5.5	5.5	5.6	5.6	5.5	5.3	5.1	4.9	4.8	4.8	4.7
-90°	4.6	4.3	4.0	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.8



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.7	3.7	3.7	3.7	3.7	4.3	5.0	5.6	6.2	6.8	7.4
87.5°	2.5	2.5	2.5	2.5	2.5	2.2	1.9	1.5	1.2	1.2	1.2
85°	3.3	3.1	2.9	2.7	2.5	2.5	2.4	2.4	2.4	2.1	1.8
82.5°	3.7	3.4	3.1	2.8	2.5	2.5	2.5	2.5	2.5	2.2	1.9
80°	3.7	3.4	3.1	2.8	2.5	2.5	2.5	2.5	2.5	2.2	1.9
77.5°	3.8	3.5	3.3	3.2	3.2	3.1	3.0	2.8	2.5	2.2	1.9
75°	3.8	3.7	3.8	3.8	3.7	3.5	3.2	2.9	2.6	2.5	2.4
72.5°	4.8	4.6	4.6	4.7	4.7	4.6	4.3	4.0	3.6	3.5	3.6
70°	7.2	7.3	7.4	7.3	6.9	6.3	5.8	5.3	4.8	4.7	4.7
67.5°	10.9	11.1	10.7	9.9	8.7	7.5	7.1	6.6	6.1	5.9	6.0
65°	15.7	14.5	13.3	11.9	10.2	8.5	8.0	7.6	7.2	7.2	7.6
62.5°	20.3	16.5	13.3	11.3	9.7	8.5	7.9	7.4	6.9	6.7	6.9
60°	22.3	15.8	11.5	10.2	8.9	7.6	6.9	6.3	5.8	5.4	5.6
57.5°	22.4	15.5	10.7	9.1	7.7	6.6	6.0	5.6	5.2	4.9	5.3
55°	19.9	13.8	9.0	7.8	7.0	6.5	6.1	6.0	5.9	5.7	6.0
52.5°	16.0	11.5	8.4	7.3	7.3	7.3	7.3	7.3	7.4	7.6	8.0
50°	12.7	9.8	8.9	8.4	8.7	8.7	8.5	9.0	9.7	10.0	10.4
47.5°	11.7	10.7	10.8	10.5	11.0	11.8	12.0	12.4	13.3	13.9	14.3
45°	13.0	13.9	14.5	15.5	16.2	17.5	18.0	18.0	20.1	21.5	22.2
42.5°	18.2	19.7	21.7	23.6	24.6	26.4	28.2	29.2	32.3	34.8	35.7
40°	27.4	28.3	32.4	34.9	36.7	39.0	44.7	48.5	54.4	65.5	73.5
37.5°	40.3	43.2	45.7	49.2	56.9	60.7	79.0	95.5	106.9	134.4	150.0
35°	59.0	67.1	64.4	80.1	99.6	124.1	150.8	190.5	222.0	259.2	293.6
32.5°	92.5	112.3	131.4	149.7	193.6	264.0	265.9	340.3	390.0	450.4	503.5
30°	146.4	216.4	304.5	333.6	457.1	595.2	556.8	670.9	783.9	851.2	1083.4
27.5°	288.9	446.7	621.7	844.1	1074.2	1311.4	1468.5	1523.5	2095.5	2516.1	3063.6
25°	494.2	771.1	1260.0	1620.2	2024.2	2551.1	2855.5	3265.2	4219.3	5408.3	6331.8
22.5°	787.6	1271.4	1917.4	2462.4	3068.0	3778.1	4420.3	5402.5	6886.2	8509.2	9889.8
20°	1116.4	1740.1	2558.6	3375.3	4169.1	5094.5	6211.8	8217.7	10510.2	13054.2	15354.1
17.5°	1723.1	2336.3	3384.6	4501.1	5628.9	6743.5	9200.7	12171.3	15760.0	19529.6	22877.7
15°	2589.9	3582.5	4622.3	6098.5	7975.7	10117.7	13229.6	18439.9	24013.5	29896.6	36910.0
12.5°	3721.2	5160.2	6720.0	8429.2	10974.4	14884.5	20046.8	26406.5	34384.3	43210.3	53190.2
10°	4875.7	6951.0	9099.0	11540.1	14894.6	19931.1	26597.8	34560.8	47107.2	59473.2	69889.1
7.5°	5814.4	8233.0	10943.0	14185.8	18557.9	24694.7	32933.2	44441.7	59403.9	74117.3	85769.6
5°	6695.1	9351.9	12173.2	15486.3	20757.4	28157.8	38079.3	52437.8	70337.6	85985.6	98471.5
2.5°	7333.9	10124.8	13043.4	16414.6	22424.1	30263.0	41155.7	58966.4	79569.0	95601.3	109917.8
0°	7616.6	10199.1	12991.0	16449.9	22478.9	31336.8	42222.5	61723.2	83842.1	101077.8	115458.7
-2.5°	7266.0	9773.2	12654.3	16033.4	22077.0	30586.2	41830.8	61412.8	83607.7	101087.5	115265.7
-5°	6895.1	9271.9	11946.5	15070.0	20580.9	28493.0	39965.5	58675.3	79973.9	97547.0	111377.9
-7.5°	6499.7	8675.0	11067.9	13870.2	18759.3	26373.1	37026.1	52817.2	72725.5	90618.1	103626.0
-10°	6047.6	8027.9	10544.2	13514.4	17770.5	24388.9	33198.9	45849.6	64496.3	81120.4	95402.2
-12.5°	5782.1	7894.4	10408.9	13137.1	16570.3	22402.8	30418.7	41209.9	53974.2	69416.2	82124.1
-15°	5441.0	7579.1	10072.9	12632.3	15810.3	20364.1	26693.0	34619.2	44331.6	54737.7	66017.2
-17.5°	4880.1	7017.0	9025.2	11427.3	14445.7	18043.6	22591.7	28743.0	35187.2	42560.4	49308.9
-20°	3956.4	5682.5	7581.6	9845.0	12439.7	15166.2	18203.4	22394.7	26482.5	31644.4	35788.4



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2846.4	4305.5	5950.9	7821.4	9876.2	12210.4	14498.4	16710.2	19511.8	22779.2	26108.8
-25°	1853.8	2933.2	4358.0	5891.1	7326.2	9191.6	10835.4	12156.4	14045.5	15524.0	17541.7
-27.5°	1283.7	1985.3	3046.6	4268.1	5400.1	6594.1	7932.3	8834.2	10305.8	11105.6	12342.5
-30°	939.3	1333.0	2096.4	3010.0	3996.2	5012.5	5967.8	6959.4	7983.1	8888.3	9574.8
-32.5°	833.0	987.6	1364.1	2021.6	2793.3	3645.5	4454.5	5318.9	6134.4	6836.1	7402.4
-35°	760.8	847.5	965.7	1313.5	1774.0	2439.4	3075.8	3775.5	4430.5	4973.0	5427.6
-37.5°	703.6	773.0	847.5	923.7	1182.3	1473.5	1925.9	2412.2	2832.5	3312.8	3683.7
-40°	638.6	712.8	772.4	833.3	901.9	974.9	1219.8	1437.5	1675.0	1999.3	2264.2
-42.5°	571.7	636.3	703.4	760.0	811.7	866.4	921.4	970.2	1090.8	1233.7	1342.2
-45°	525.3	571.0	620.2	680.3	735.9	783.2	827.8	870.5	914.2	954.6	988.2
-47.5°	484.5	521.4	561.9	603.2	645.1	693.7	739.4	782.7	820.7	855.1	882.9
-50°	454.7	480.2	513.9	546.5	582.3	616.2	646.5	682.0	720.9	756.2	784.5
-52.5°	439.6	461.9	481.3	504.6	536.9	565.3	590.3	618.5	645.5	670.2	688.4
-55°	409.9	439.1	467.4	493.7	516.0	536.3	557.9	585.5	609.3	629.7	640.9
-57.5°	363.4	401.0	436.5	469.9	501.2	530.8	555.2	577.2	599.1	620.0	629.6
-60°	308.5	344.4	381.5	421.6	462.1	502.3	532.1	560.3	587.0	609.4	621.3
-62.5°	249.5	282.2	315.4	351.5	390.0	427.7	460.1	493.8	528.4	558.2	577.2
-65°	182.4	210.3	240.0	269.7	298.9	329.0	357.9	386.3	413.9	436.3	451.9
-67.5°	130.7	148.7	167.1	186.1	208.8	232.1	253.4	274.1	293.8	309.6	321.3
-70°	89.9	101.5	112.3	124.4	138.9	153.1	166.3	178.7	190.4	200.4	208.6
-72.5°	56.0	63.5	71.1	79.6	87.8	95.7	103.2	110.1	116.6	122.5	127.8
-75°	28.1	31.6	37.6	43.3	48.6	54.2	59.3	63.8	67.8	71.0	73.8
-77.5°	18.3	20.5	22.7	24.7	26.6	29.2	32.1	35.0	37.9	40.2	42.3
-80°	12.8	14.0	15.4	16.7	18.1	19.7	21.4	23.0	24.6	25.7	26.6
-82.5°	9.1	9.8	10.6	11.3	12.1	13.3	14.5	15.6	16.7	17.5	18.3
-85°	6.5	6.8	7.2	7.5	7.9	8.9	10.0	11.0	12.0	12.7	13.4
-87.5°	4.7	4.7	4.7	4.8	4.8	5.7	6.6	7.6	8.5	8.9	9.2
-90°	2.5	2.5	2.5	2.5	2.5	2.2	1.9	1.5	1.2	1.2	1.2



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	8.0	8.6	8.6	8.6	8.6	8.6	8.0	7.4	6.8	6.2	5.6
87.5°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.5
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.5
77.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.8
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.6	2.9
72.5°	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.6	4.0
70°	4.8	4.9	4.3	3.7	4.3	4.9	4.8	4.7	4.7	4.8	5.3
67.5°	6.1	6.2	6.7	7.4	6.7	6.2	6.1	6.0	5.9	6.1	6.6
65°	8.0	8.4	8.0	7.4	8.0	8.4	8.0	7.6	7.2	7.2	7.6
62.5°	7.1	7.4	6.9	6.2	6.9	7.4	7.1	6.9	6.7	6.9	7.4
60°	5.9	6.2	6.2	6.2	6.2	6.2	5.9	5.6	5.4	5.8	6.3
57.5°	5.7	6.1	6.2	6.2	6.2	6.1	5.7	5.3	4.9	5.2	5.6
55°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.0	5.7	5.9	6.0
52.5°	8.2	8.4	8.6	8.6	8.6	8.4	8.2	8.0	7.6	7.4	7.3
50°	10.7	10.9	11.1	11.1	11.1	10.9	10.7	10.4	10.0	9.7	9.0
47.5°	14.6	14.7	14.7	14.8	14.7	14.7	14.6	14.3	13.9	13.3	12.4
45°	22.5	22.3	22.0	22.2	22.0	22.3	22.5	22.2	21.5	20.1	18.0
42.5°	36.6	36.7	36.6	37.0	36.6	36.7	36.6	35.7	34.8	32.3	29.2
40°	75.7	73.1	69.2	69.0	69.2	73.1	75.7	73.5	65.5	54.4	48.5
37.5°	157.7	160.4	160.1	162.7	160.1	160.4	157.7	150.0	134.4	106.9	95.5
35°	319.8	334.1	337.3	336.5	337.3	334.1	319.8	293.6	259.2	222.0	190.5
32.5°	526.6	545.7	551.0	558.4	551.0	545.7	526.6	503.5	450.4	390.0	340.3
30°	925.9	951.6	927.2	877.7	927.2	951.6	925.9	1083.4	851.2	783.9	670.9
27.5°	3355.1	3478.2	3201.2	3100.2	3201.2	3478.2	3355.1	3063.6	2516.1	2095.5	1523.5
25°	6837.7	7381.9	7939.8	7890.3	7939.8	7381.9	6837.7	6331.8	5408.3	4219.3	3265.2
22.5°	11035.2	11586.6	12046.2	12204.6	12046.2	11586.6	11035.2	9889.8	8509.2	6886.2	5402.5
20°	17478.8	18552.8	19321.9	18502.3	19321.9	18552.8	17478.8	15354.1	13054.2	10510.2	8217.7
17.5°	27938.8	31173.1	32853.2	33914.3	32853.2	31173.1	27938.8	22877.7	19529.6	15760.0	12171.3
15°	43370.1	48247.8	50950.1	52739.5	50950.1	48247.8	43370.1	36910.0	29896.6	24013.5	18439.9
12.5°	61166.3	66484.4	68872.8	70822.2	68872.8	66484.4	61166.3	53190.2	43210.3	34384.3	26406.5
10°	78083.9	83829.4	87807.4	89874.8	87807.4	83829.4	78083.9	69889.1	59473.2	47107.2	34560.8
7.5°	93584.6	100612.9	104649.6	105934.6	104649.6	100612.9	93584.6	85769.6	74117.3	59403.9	44441.7
5°	108746.3	115017.2	119871.7	120972.4	119871.7	115017.2	108746.3	98471.5	85985.6	70337.6	52437.8
2.5°	120420.2	127935.7	132294.1	133611.6	132294.1	127935.7	120420.2	109917.8	95601.3	79569.0	58966.4
0°	125770.0	132766.6	137927.1	139778.0	137927.1	132766.6	125770.0	115458.7	101077.8	83842.1	61723.2
-2.5°	124651.0	131098.8	134792.7	135429.2	134792.7	131098.8	124651.0	115265.7	101087.5	83607.7	61412.8
-5°	120715.5	126639.7	130288.1	130392.5	130288.1	126639.7	120715.5	111377.9	97547.0	79973.9	58675.3
-7.5°	112071.0	117610.8	120154.3	120793.1	120154.3	117610.8	112071.0	103626.0	90618.1	72725.5	52817.2
-10°	103272.5	108412.0	110815.6	111081.5	110815.6	108412.0	103272.5	95402.2	81120.4	64496.3	45849.6
-12.5°	91875.7	97375.0	99774.8	100903.4	99774.8	97375.0	91875.7	82124.1	69416.2	53974.2	41209.9
-15°	74915.9	80233.7	83112.8	85238.7	83112.8	80233.7	74915.9	66017.2	54737.7	44331.6	34619.2
-17.5°	56743.7	61301.6	64139.0	66721.7	64139.0	61301.6	56743.7	49308.9	42560.4	35187.2	28743.0
-20°	40399.1	43301.8	44193.4	45585.2	44193.4	43301.8	40399.1	35788.4	31644.4	26482.5	22394.7



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28374.3	30024.8	31070.2	31661.0	31070.2	30024.8	28374.3	26108.8	22779.2	19511.8	16710.2
-25°	19235.8	20380.4	20825.5	21338.7	20825.5	20380.4	19235.8	17541.7	15524.0	14045.5	12156.4
-27.5°	12884.9	13354.9	13675.9	13850.2	13675.9	13354.9	12884.9	12342.5	11105.6	10305.8	8834.2
-30°	10127.4	10557.2	10814.9	10896.8	10814.9	10557.2	10127.4	9574.8	8888.3	7983.1	6959.4
-32.5°	7840.8	8165.7	8339.4	8362.4	8339.4	8165.7	7840.8	7402.4	6836.1	6134.4	5318.9
-35°	5808.7	6104.6	6268.4	6257.0	6268.4	6104.6	5808.7	5427.6	4973.0	4430.5	3775.5
-37.5°	4002.7	4253.5	4407.4	4447.5	4407.4	4253.5	4002.7	3683.7	3312.8	2832.5	2412.2
-40°	2504.1	2688.3	2798.3	2812.9	2798.3	2688.3	2504.1	2264.2	1999.3	1675.0	1437.5
-42.5°	1437.4	1512.0	1553.9	1551.9	1553.9	1512.0	1437.4	1342.2	1233.7	1090.8	970.2
-45°	1010.2	1026.9	1036.4	1037.9	1036.4	1026.9	1010.2	988.2	954.6	914.2	870.5
-47.5°	902.9	918.7	927.2	928.2	927.2	918.7	902.9	882.9	855.1	820.7	782.7
-50°	807.1	825.8	836.0	838.2	836.0	825.8	807.1	784.5	756.2	720.9	682.0
-52.5°	703.0	715.4	719.6	717.4	719.6	715.4	703.0	688.4	670.2	645.5	618.5
-55°	651.4	661.5	665.9	666.9	665.9	661.5	651.4	640.9	629.7	609.3	585.5
-57.5°	638.9	647.9	650.7	650.8	650.7	647.9	638.9	629.6	620.0	599.1	577.2
-60°	632.9	644.3	646.4	644.7	646.4	644.3	632.9	621.3	609.4	587.0	560.3
-62.5°	594.1	608.6	613.2	612.6	613.2	608.6	594.1	577.2	558.2	528.4	493.8
-65°	465.0	475.7	481.1	483.2	481.1	475.7	465.0	451.9	436.3	413.9	386.3
-67.5°	330.8	338.1	340.5	340.2	340.5	338.1	330.8	321.3	309.6	293.8	274.1
-70°	215.6	221.3	221.9	220.6	221.9	221.3	215.6	208.6	200.4	190.4	178.7
-72.5°	132.4	136.3	135.9	134.4	135.9	136.3	132.4	127.8	122.5	116.6	110.1
-75°	76.2	78.1	77.5	76.4	77.5	78.1	76.2	73.8	71.0	67.8	63.8
-77.5°	44.4	46.4	46.7	46.8	46.7	46.4	44.4	42.3	40.2	37.9	35.0
-80°	27.4	28.2	28.4	28.4	28.4	28.2	27.4	26.6	25.7	24.6	23.0
-82.5°	19.0	19.6	19.7	19.7	19.7	19.6	19.0	18.3	17.5	16.7	15.6
-85°	14.1	14.8	14.8	14.8	14.8	14.8	14.1	13.4	12.7	12.0	11.0
-87.5°	9.6	9.9	9.9	9.9	9.9	9.9	9.6	9.2	8.9	8.5	7.6
-90°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.0	4.3	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9
87.5°	1.9	2.2	2.5	2.5	2.5	2.5	2.5	2.8	3.1	3.4	3.7
85°	2.4	2.5	2.5	2.7	2.9	3.1	3.3	3.3	3.4	3.5	3.7
82.5°	2.5	2.5	2.5	2.8	3.1	3.4	3.7	3.7	3.7	3.7	3.7
80°	2.5	2.5	2.5	2.8	3.1	3.4	3.7	3.8	3.7	3.7	3.8
77.5°	3.0	3.1	3.2	3.2	3.3	3.5	3.8	4.1	4.3	4.4	4.4
75°	3.2	3.5	3.7	3.8	3.8	3.7	3.8	4.1	4.4	4.7	4.9
72.5°	4.3	4.6	4.7	4.7	4.6	4.6	4.8	5.0	5.1	5.1	4.9
70°	5.8	6.3	6.9	7.3	7.4	7.3	7.2	7.1	6.9	6.8	6.4
67.5°	7.1	7.5	8.7	9.9	10.7	11.1	10.9	10.2	9.7	9.4	8.4
65°	8.0	8.5	10.2	11.9	13.3	14.5	15.7	15.7	14.9	13.3	10.6
62.5°	7.9	8.5	9.7	11.3	13.3	16.5	20.3	21.6	21.5	18.7	14.7
60°	6.9	7.6	8.9	10.2	11.5	15.8	22.3	26.9	29.5	25.0	18.9
57.5°	6.0	6.6	7.7	9.1	10.7	15.5	22.4	30.6	35.8	29.3	23.1
55°	6.1	6.5	7.0	7.8	9.0	13.8	19.9	27.4	33.3	31.5	24.6
52.5°	7.3	7.3	7.3	7.3	8.4	11.5	16.0	22.8	26.4	25.9	23.7
50°	8.5	8.7	8.7	8.4	8.9	9.8	12.7	17.7	19.7	20.7	19.9
47.5°	12.0	11.8	11.0	10.5	10.8	10.7	11.7	13.1	15.9	16.2	16.5
45°	18.0	17.5	16.2	15.5	14.5	13.9	13.0	14.4	15.1	15.6	13.8
42.5°	28.2	26.4	24.6	23.6	21.7	19.7	18.2	18.5	18.2	17.5	17.0
40°	44.7	39.0	36.7	34.9	32.4	28.3	27.4	25.2	23.9	21.9	22.6
37.5°	79.0	60.7	56.9	49.2	45.7	43.2	40.3	36.2	31.5	33.4	33.2
35°	150.8	124.1	99.6	80.1	64.4	67.1	59.0	50.9	47.9	50.5	48.1
32.5°	265.9	264.0	193.6	149.7	131.4	112.3	92.5	72.0	79.4	77.6	68.5
30°	556.8	595.2	457.1	333.6	304.5	216.4	146.4	134.5	128.4	113.7	94.9
27.5°	1468.5	1311.4	1074.2	844.1	621.7	446.7	288.9	213.5	191.9	165.5	134.8
25°	2855.5	2551.1	2024.2	1620.2	1260.0	771.1	494.2	349.3	273.3	229.6	189.0
22.5°	4420.3	3778.1	3068.0	2462.4	1917.4	1271.4	787.6	505.9	365.0	305.1	253.1
20°	6211.8	5094.5	4169.1	3375.3	2558.6	1740.1	1116.4	756.4	517.3	389.4	318.4
17.5°	9200.7	6743.5	5628.9	4501.1	3384.6	2336.3	1723.1	1153.1	681.9	477.3	383.3
15°	13229.6	10117.7	7975.7	6098.5	4622.3	3582.5	2589.9	1658.1	914.9	598.3	463.9
12.5°	20046.8	14884.5	10974.4	8429.2	6720.0	5160.2	3721.2	2406.2	1315.4	756.5	562.1
10°	26597.8	19931.1	14894.6	11540.1	9099.0	6951.0	4875.7	3075.2	1678.2	920.9	656.4
7.5°	32933.2	24694.7	18557.9	14185.8	10943.0	8233.0	5814.4	3691.4	1994.4	1081.5	746.2
5°	38079.3	28157.8	20757.4	15486.3	12173.2	9351.9	6695.1	4269.4	2260.3	1233.6	830.8
2.5°	41155.7	30263.0	22424.1	16414.6	13043.4	10124.8	7333.9	4626.4	2384.7	1315.0	878.3
0°	42222.5	31336.8	22478.9	16449.9	12991.0	10199.1	7616.6	4740.8	2408.6	1364.6	919.6
-2.5°	41830.8	30586.2	22077.0	16033.4	12654.3	9773.2	7266.0	4761.5	2543.3	1415.9	950.9
-5°	39965.5	28493.0	20580.9	15070.0	11946.5	9271.9	6895.1	4661.5	2604.6	1439.8	975.4
-7.5°	37026.1	26373.1	18759.3	13870.2	11067.9	8675.0	6499.7	4456.6	2573.0	1423.1	979.4
-10°	33198.9	24388.9	17770.5	13514.4	10544.2	8027.9	6047.6	4168.9	2442.1	1375.0	975.8
-12.5°	30418.7	22402.8	16570.3	13137.1	10408.9	7894.4	5782.1	3832.3	2200.2	1293.2	964.7
-15°	26693.0	20364.1	15810.3	12632.3	10072.9	7579.1	5441.0	3416.5	1825.2	1165.6	945.6
-17.5°	22591.7	18043.6	14445.7	11427.3	9025.2	7017.0	4880.1	2937.2	1555.1	1033.6	896.0
-20°	18203.4	15166.2	12439.7	9845.0	7581.6	5682.5	3956.4	2292.5	1322.5	965.7	840.2



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14498.4	12210.4	9876.2	7821.4	5950.9	4305.5	2846.4	1606.7	1033.4	891.0	776.0
-25°	10835.4	9191.6	7326.2	5891.1	4358.0	2933.2	1853.8	1229.5	927.7	813.0	704.1
-27.5°	7932.3	6594.1	5400.1	4268.1	3046.6	1985.3	1283.7	927.7	832.0	734.0	633.1
-30°	5967.8	5012.5	3996.2	3010.0	2096.4	1333.0	939.3	827.1	747.8	661.8	572.2
-32.5°	4454.5	3645.5	2793.3	2021.6	1364.1	987.6	833.0	736.8	673.0	598.3	529.3
-35°	3075.8	2439.4	1774.0	1313.5	965.7	847.5	760.8	683.2	606.9	542.1	491.5
-37.5°	1925.9	1473.5	1182.3	923.7	847.5	773.0	703.6	626.4	550.0	502.1	458.4
-40°	1219.8	974.9	901.9	833.3	772.4	712.8	638.6	564.7	513.7	465.8	427.6
-42.5°	921.4	866.4	811.7	760.0	703.4	636.3	571.7	523.4	478.0	436.7	404.1
-45°	827.8	783.2	735.9	680.3	620.2	571.0	525.3	484.2	444.9	414.5	383.2
-47.5°	739.4	693.7	645.1	603.2	561.9	521.4	484.5	447.9	423.9	395.5	355.7
-50°	646.5	616.2	582.3	546.5	513.9	480.2	454.7	431.3	403.4	367.5	325.4
-52.5°	590.3	565.3	536.9	504.6	481.3	461.9	439.6	408.2	375.5	332.9	287.3
-55°	557.9	536.3	516.0	493.7	467.4	439.1	409.9	375.0	333.2	290.4	248.8
-57.5°	555.2	530.8	501.2	469.9	436.5	401.0	363.4	325.1	286.5	247.6	209.4
-60°	532.1	502.3	462.1	421.6	381.5	344.4	308.5	273.1	238.2	203.3	169.3
-62.5°	460.1	427.7	390.0	351.5	315.4	282.2	249.5	216.9	186.5	157.6	130.1
-65°	357.9	329.0	298.9	269.7	240.0	210.3	182.4	159.4	138.0	115.6	92.7
-67.5°	253.4	232.1	208.8	186.1	167.1	148.7	130.7	112.0	96.7	83.6	70.4
-70°	166.3	153.1	138.9	124.4	112.3	101.5	89.9	78.4	67.5	57.6	47.3
-72.5°	103.2	95.7	87.8	79.6	71.1	63.5	56.0	48.1	40.0	31.8	25.8
-75°	59.3	54.2	48.6	43.3	37.6	31.6	28.1	25.6	23.2	20.7	18.2
-77.5°	32.1	29.2	26.6	24.7	22.7	20.5	18.3	16.6	15.6	14.6	13.5
-80°	21.4	19.7	18.1	16.7	15.4	14.0	12.8	12.1	11.4	10.9	10.4
-82.5°	14.5	13.3	12.1	11.3	10.6	9.8	9.1	8.8	8.5	8.2	7.8
-85°	10.0	8.9	7.9	7.5	7.2	6.8	6.5	6.4	6.2	6.1	5.9
-87.5°	6.6	5.7	4.8	4.8	4.7	4.7	4.7	4.7	4.8	4.8	4.9
-90°	1.9	2.2	2.5	2.5	2.5	2.5	2.5	2.8	3.1	3.4	3.7



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9
85°	3.8	3.9	3.9	3.9	4.1	4.3	4.6	4.9	4.9	4.9	4.9
82.5°	4.0	4.3	4.5	4.6	4.6	4.6	4.7	4.9	5.0	4.9	4.9
80°	4.1	4.4	4.7	4.9	4.9	4.9	4.9	4.9	5.1	5.1	5.1
77.5°	4.4	4.5	4.7	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.4
75°	4.9	4.8	4.8	5.0	5.0	4.9	4.9	5.0	5.3	5.6	5.7
72.5°	4.9	4.9	4.9	5.1	5.2	5.3	5.1	5.0	5.3	5.7	6.0
70°	5.8	5.1	4.9	5.1	5.4	5.7	5.6	5.4	5.4	5.7	6.0
67.5°	7.4	6.6	5.9	5.3	5.5	5.8	6.1	5.9	5.7	5.7	6.0
65°	9.3	8.2	7.3	6.4	5.9	5.9	6.2	6.2	6.0	5.9	6.1
62.5°	11.7	9.8	8.6	7.4	6.5	6.1	6.2	6.2	6.2	6.1	6.1
60°	14.4	11.5	9.9	8.6	7.2	6.3	6.2	6.2	6.2	6.2	6.2
57.5°	17.2	12.8	11.0	9.7	8.3	6.9	6.2	6.2	6.2	6.2	6.2
55°	19.1	14.5	12.1	10.5	9.2	7.8	6.5	6.2	6.2	6.2	6.2
52.5°	18.9	15.7	13.4	11.3	9.8	8.7	7.3	6.2	6.2	6.2	6.2
50°	17.0	16.1	14.2	12.0	10.3	9.1	8.0	6.7	6.2	6.2	6.2
47.5°	16.3	16.3	14.7	12.5	10.6	9.5	8.5	7.3	6.2	6.2	6.2
45°	16.0	16.8	15.4	13.1	10.9	9.9	8.8	7.7	6.6	6.2	6.2
42.5°	16.4	17.7	16.8	13.7	12.0	10.2	9.1	8.0	6.9	6.3	6.2
40°	21.0	19.0	18.5	16.8	13.5	10.6	9.4	8.3	7.2	6.5	6.3
37.5°	27.0	23.2	20.5	22.5	16.4	12.3	9.7	8.5	7.6	6.9	6.5
35°	40.0	29.9	28.3	29.9	23.3	14.2	10.0	8.7	8.0	7.2	6.6
32.5°	56.3	44.8	42.8	38.8	32.0	16.3	11.2	9.3	8.3	7.5	6.8
30°	80.2	72.2	61.1	49.7	42.0	24.3	13.4	10.1	8.7	7.8	7.0
27.5°	116.5	102.7	83.7	66.3	52.3	33.9	16.4	11.1	9.1	8.1	7.2
25°	158.4	137.1	112.6	86.7	63.9	47.1	19.5	12.3	9.7	8.4	7.5
22.5°	209.5	174.0	143.4	109.2	81.5	62.0	26.6	14.9	10.6	8.7	7.7
20°	262.8	212.8	176.5	134.3	102.5	76.8	38.0	17.5	11.5	9.0	7.9
17.5°	318.4	262.3	216.4	164.0	124.2	92.7	50.2	20.1	12.5	9.2	8.1
15°	393.1	325.4	260.0	195.4	144.8	109.3	62.9	22.8	13.5	9.5	8.4
12.5°	472.1	391.4	306.1	227.9	164.3	126.4	75.8	25.3	14.6	10.2	8.6
10°	550.4	458.7	353.8	260.7	182.9	143.7	88.4	28.9	17.0	11.3	8.9
7.5°	627.2	526.1	401.7	293.1	202.6	166.1	109.2	34.8	19.6	12.4	9.2
5°	696.7	586.2	449.0	332.6	234.2	193.7	131.1	40.7	22.2	13.6	9.4
2.5°	740.8	632.9	493.3	370.6	264.9	220.2	152.1	46.4	24.7	14.8	9.7
0°	780.3	674.3	533.7	405.5	294.6	245.3	171.3	51.8	27.1	16.0	9.9
-2.5°	805.3	698.6	555.8	433.2	325.3	272.8	194.6	67.0	35.9	20.6	11.8
-5°	826.2	717.6	574.3	458.0	354.5	298.3	214.6	81.3	44.3	25.1	13.6
-7.5°	833.8	721.4	583.9	477.5	382.2	321.6	230.7	94.4	52.1	29.1	15.3
-10°	833.9	713.3	580.8	477.2	388.9	331.4	240.5	105.9	59.0	32.7	16.8
-12.5°	828.0	699.8	574.9	473.6	390.1	328.7	233.4	113.4	64.9	35.7	18.1
-15°	815.7	680.9	566.4	466.6	389.3	324.3	224.7	118.4	69.4	38.2	19.1
-17.5°	790.7	656.5	555.6	456.4	386.4	318.3	214.7	121.7	72.7	40.3	20.1
-20°	731.7	621.3	542.4	442.7	381.1	310.7	203.8	123.3	74.7	41.5	21.1



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	669.7	580.8	508.8	433.9	372.4	301.6	192.5	123.0	75.4	41.7	21.8
-25°	606.0	539.5	472.5	413.3	359.9	284.5	185.9	120.8	74.6	41.0	22.0
-27.5°	554.8	498.2	437.5	392.8	339.5	268.1	182.4	119.5	72.9	39.3	21.8
-30°	508.6	459.9	412.0	371.5	318.7	244.7	176.5	116.4	70.8	38.1	21.2
-32.5°	472.6	424.4	389.5	347.9	293.0	221.0	163.7	111.2	67.2	37.3	20.7
-35°	443.7	400.4	367.4	324.2	265.4	202.3	148.1	103.8	62.1	35.8	19.9
-37.5°	415.5	382.1	341.9	297.8	237.9	182.0	133.6	92.5	55.5	33.7	18.8
-40°	395.5	360.9	319.2	268.1	213.0	160.1	118.0	81.4	51.2	31.0	17.2
-42.5°	374.5	335.2	290.3	239.0	187.5	141.7	101.8	69.8	46.3	28.3	15.1
-45°	345.9	305.9	258.5	210.1	161.4	122.3	88.4	58.5	40.9	25.4	13.4
-47.5°	314.5	271.1	226.7	180.7	139.2	103.2	74.4	51.9	35.1	22.0	12.4
-50°	277.1	236.5	195.0	154.8	116.7	87.4	61.6	45.0	30.2	17.7	11.2
-52.5°	242.9	202.8	165.4	129.3	98.0	71.0	53.3	37.8	24.9	15.0	9.9
-55°	208.1	170.6	136.7	106.0	79.0	59.9	44.7	31.3	19.2	13.0	8.4
-57.5°	173.2	138.8	109.8	83.3	64.5	49.9	36.4	24.3	15.9	10.8	8.2
-60°	137.5	109.0	82.9	66.7	52.9	39.8	28.0	18.3	13.0	8.8	8.0
-62.5°	103.6	80.7	66.5	53.6	41.2	29.7	20.1	14.7	9.9	8.5	7.7
-65°	77.8	64.2	51.8	40.1	29.1	20.6	15.6	10.8	9.0	8.2	7.5
-67.5°	58.0	46.5	35.9	25.9	20.2	15.6	10.9	9.3	8.6	7.8	7.5
-70°	37.3	27.9	22.7	18.8	14.7	11.1	9.7	8.9	8.2	7.7	7.5
-72.5°	22.7	19.6	16.3	13.0	11.4	10.1	9.1	8.4	7.9	7.6	7.4
-75°	15.5	13.9	12.5	11.2	10.0	9.1	8.5	8.0	7.6	7.4	7.1
-77.5°	12.4	11.3	10.2	9.5	8.8	8.3	7.8	7.5	7.3	7.0	6.8
-80°	9.7	9.1	8.6	8.1	7.7	7.4	7.2	7.0	6.8	6.6	6.4
-82.5°	7.5	7.3	7.1	7.1	6.9	6.8	6.7	6.5	6.4	6.2	6.1
-85°	6.0	6.1	6.2	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7
-87.5°	5.1	5.3	5.5	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3
-90°	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	5.3	5.0	4.9	4.9	4.9	4.9	4.9
75°	5.6	5.3	4.9	4.9	4.9	4.9	4.9
72.5°	5.9	5.5	5.2	4.9	4.9	4.9	4.9
70°	6.2	5.8	5.4	4.9	4.9	4.9	4.9
67.5°	6.2	6.1	5.6	5.1	4.9	4.9	4.9
65°	6.2	6.2	5.8	5.2	4.9	4.9	4.9
62.5°	6.2	6.2	6.0	5.4	4.9	4.9	4.9
60°	6.2	6.2	6.2	5.5	4.9	4.9	4.9
57.5°	6.2	6.2	6.2	5.7	5.0	4.9	4.9
55°	6.2	6.2	6.2	5.8	5.1	4.9	4.9
52.5°	6.2	6.2	6.2	6.0	5.2	4.9	4.9
50°	6.2	6.2	6.2	6.1	5.3	4.9	4.9
47.5°	6.2	6.2	6.2	6.2	5.4	4.9	4.9
45°	6.2	6.2	6.2	6.2	5.4	4.9	4.9
42.5°	6.2	6.2	6.2	6.2	5.5	4.9	4.9
40°	6.2	6.2	6.2	6.2	5.6	4.9	4.9
37.5°	6.2	6.2	6.2	6.2	5.7	4.9	4.9
35°	6.2	6.2	6.2	6.2	5.7	4.9	4.9
32.5°	6.2	6.2	6.2	6.2	5.8	4.9	4.9
30°	6.4	6.2	6.2	6.2	5.9	4.9	4.9
27.5°	6.5	6.2	6.2	6.2	5.9	4.9	4.9
25°	6.6	6.2	6.2	6.2	6.0	4.9	4.9
22.5°	6.8	6.2	6.2	6.2	6.0	4.9	4.9
20°	6.9	6.3	6.2	6.2	6.0	4.9	4.9
17.5°	7.1	6.4	6.2	6.2	6.1	4.9	4.9
15°	7.2	6.5	6.2	6.2	6.1	4.9	4.9
12.5°	7.3	6.7	6.2	6.2	6.1	4.9	4.9
10°	7.3	6.8	6.2	6.2	6.2	4.9	4.9
7.5°	7.4	7.0	6.2	6.2	6.2	4.9	4.9
5°	7.4	7.1	6.2	6.2	6.2	4.9	4.9
2.5°	7.4	7.3	6.2	6.2	6.2	4.9	4.9
0°	7.4	7.4	6.2	6.2	6.2	4.9	4.9
-2.5°	8.1	7.4	6.2	6.2	6.2	4.9	4.9
-5°	8.7	7.4	6.2	6.2	6.2	4.9	4.9
-7.5°	9.3	7.3	6.2	6.2	6.2	4.9	4.9
-10°	9.8	7.3	6.2	6.2	6.2	4.9	4.9
-12.5°	10.2	7.3	6.2	6.2	6.1	4.9	4.9
-15°	10.5	7.2	6.2	6.2	6.1	4.9	4.9
-17.5°	10.6	7.1	6.2	6.2	6.1	4.9	4.9
-20°	10.9	7.0	6.2	6.2	6.0	4.9	4.9



REPORT NUMBER: P1306050 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.3	6.9	6.2	6.2	6.0	4.9	4.9
-25°	11.5	7.0	6.2	6.2	6.0	4.9	4.9
-27.5°	11.5	7.1	6.2	6.2	5.9	4.9	4.9
-30°	11.1	7.2	6.2	6.2	5.9	4.9	4.9
-32.5°	10.5	7.1	6.3	6.2	5.8	4.9	4.9
-35°	10.2	7.0	6.3	6.2	5.7	4.9	4.9
-37.5°	10.1	6.8	6.4	6.2	5.7	4.9	4.9
-40°	9.7	6.9	6.4	6.2	5.6	4.9	4.9
-42.5°	9.2	6.9	6.4	6.2	5.5	4.9	4.9
-45°	8.6	6.9	6.5	6.2	5.4	4.9	4.9
-47.5°	7.8	6.9	6.5	6.3	5.4	4.9	4.9
-50°	7.6	6.9	6.5	6.2	5.3	4.9	4.9
-52.5°	7.6	6.8	6.6	6.1	5.2	4.9	4.9
-55°	7.5	6.8	6.6	6.0	5.1	4.9	4.9
-57.5°	7.3	6.9	6.6	5.9	5.0	4.9	4.9
-60°	7.2	6.9	6.6	5.7	4.9	4.9	4.9
-62.5°	7.2	6.9	6.5	5.6	4.9	4.9	4.9
-65°	7.2	7.0	6.3	5.5	4.9	4.9	4.9
-67.5°	7.3	6.9	6.1	5.3	4.9	4.9	4.9
-70°	7.3	6.6	5.9	5.2	4.9	4.9	4.9
-72.5°	7.1	6.4	5.7	5.2	4.9	4.9	4.9
-75°	6.8	6.2	5.5	5.1	4.9	4.9	4.9
-77.5°	6.5	5.9	5.4	5.1	4.9	4.9	4.9
-80°	6.2	5.7	5.3	5.1	4.9	4.9	4.9
-82.5°	5.9	5.5	5.2	5.0	4.9	4.9	4.9
-85°	5.6	5.3	5.1	5.0	4.9	4.9	4.9
-87.5°	5.2	5.1	5.0	4.9	4.9	4.9	4.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9

(END OF REPORT)