

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: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-1S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-40-70-1S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

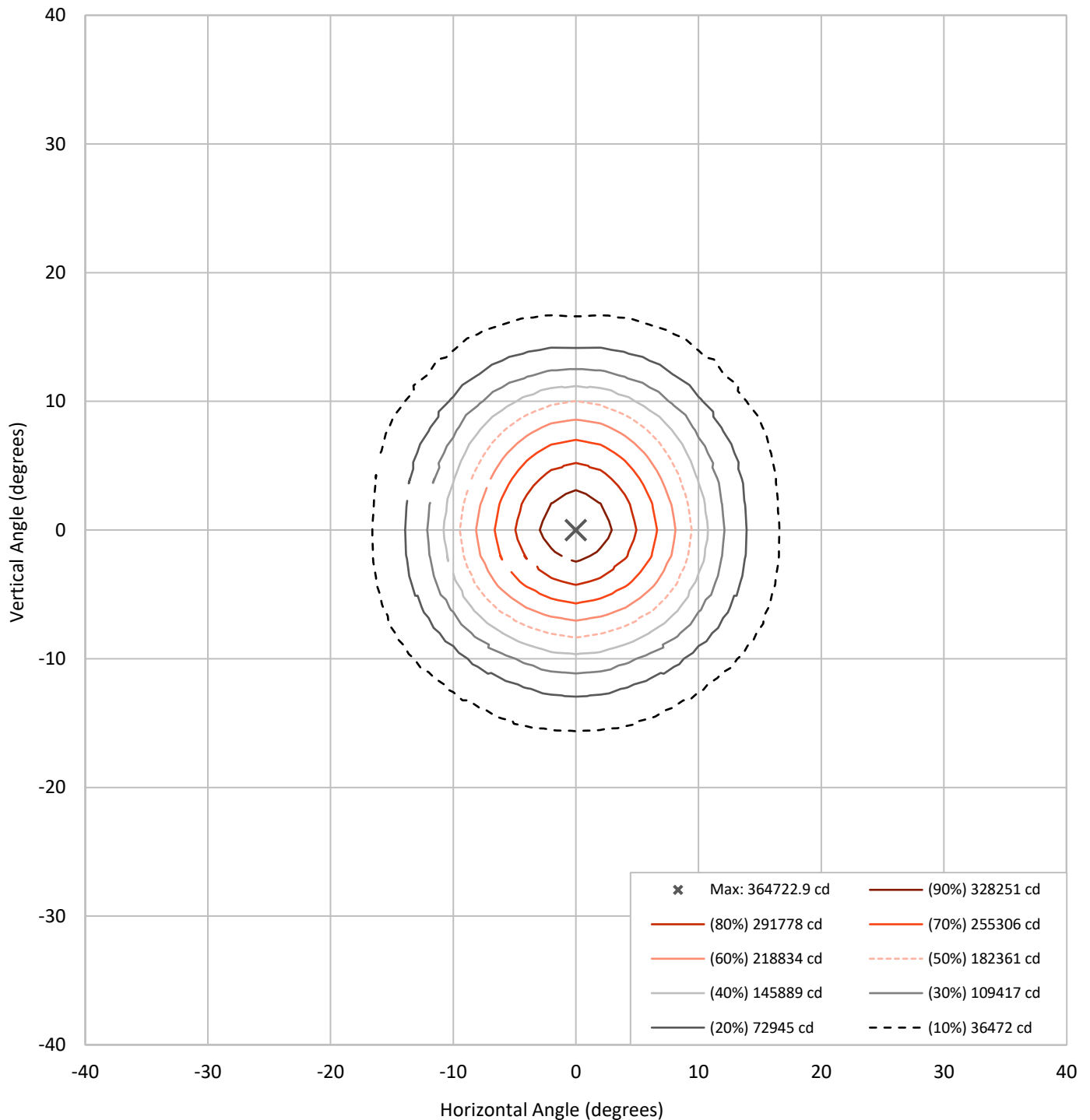
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	43931.5 lumens	Max Intensity:	364722.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	20497.1 lumens	Field Lumens:	37228.4 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%

Input Watts (W): 336  
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





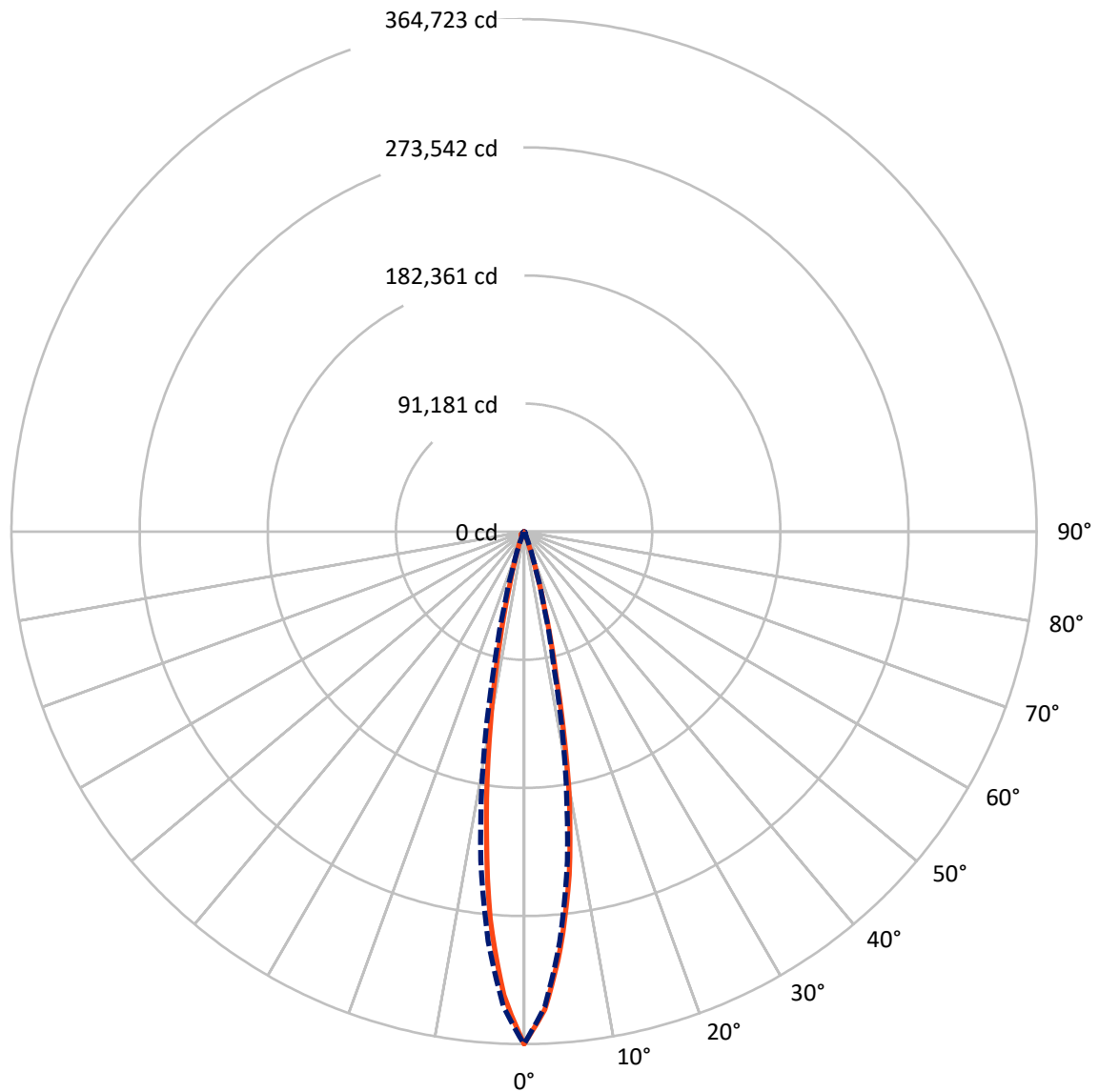
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### Lumen Table

90	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1				
80	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1				
70	0.1	0.0	0.1	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.1	0.0	0.1
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1	
50	0.1	0.1	0.3	0.2	0.3	0.5	0.7	0.6	0.6	0.7	0.5	0.3	0.2	0.3	0.1	0.1
40		0.2	0.5	1.2	2.4	3.5	5.0	6.1	6.1	5.0	3.5	2.4	1.2	0.5	0.2	
30	0.2	0.3	2.4	7.6	17.9	24.4	39.0	69.6	69.6	39.0	24.4	17.9	7.6	2.4	0.3	0.2
20		0.8	5.1	21.9	44.1	58.5	427.3	1721.9	1721.9	427.3	58.5	44.1	21.9	5.1	0.8	
10	0.2	1.2	6.6	29.6	49.1	107.4	1600.8	6913.0	6913.0	1600.8	107.4	49.1	29.6	6.6	1.2	0.2
0		1.5	6.9	29.0	49.0	104.2	1531.4	6404.0	6404.0	1531.4	104.2	49.0	29.0	6.9	1.5	
-10	0.3	1.7	6.7	23.3	45.2	57.1	341.0	1278.6	1278.6	341.0	57.1	45.2	23.3	6.7	1.7	0.3
-20		1.8	6.5	16.1	44.8	56.1	63.6	109.7	109.7	63.6	56.1	44.8	16.1	6.5	1.8	
-30	0.3	1.6	5.9	11.4	31.8	65.9	77.1	79.5	79.5	77.1	65.9	31.8	11.4	5.9	1.6	0.3
-40		1.1	4.5	10.0	16.8	30.3	54.9	74.5	74.5	54.9	30.3	16.8	10.0	4.5	1.1	
-50	0.2	0.6	2.6	6.7	12.9	18.7	23.6	26.5	26.5	23.6	18.7	12.9	6.7	2.6	0.6	0.2
-60		0.3	0.9	2.7	5.5	9.0	12.5	14.6	14.6	12.5	9.0	5.5	2.7	0.9	0.3	
-70	0.1	0.6	2.6	6.7	12.9	18.7	23.6	26.5	26.5	23.6	18.7	12.9	6.7	2.6	0.6	0.2
-80		0.3	0.9	2.7	5.5	9.0	12.5	14.6	14.6	12.5	9.0	5.5	2.7	0.9	0.3	
-90	0.1	0.7	2.0	4.6	6.2	4.6	2.0	0.7	0.1							

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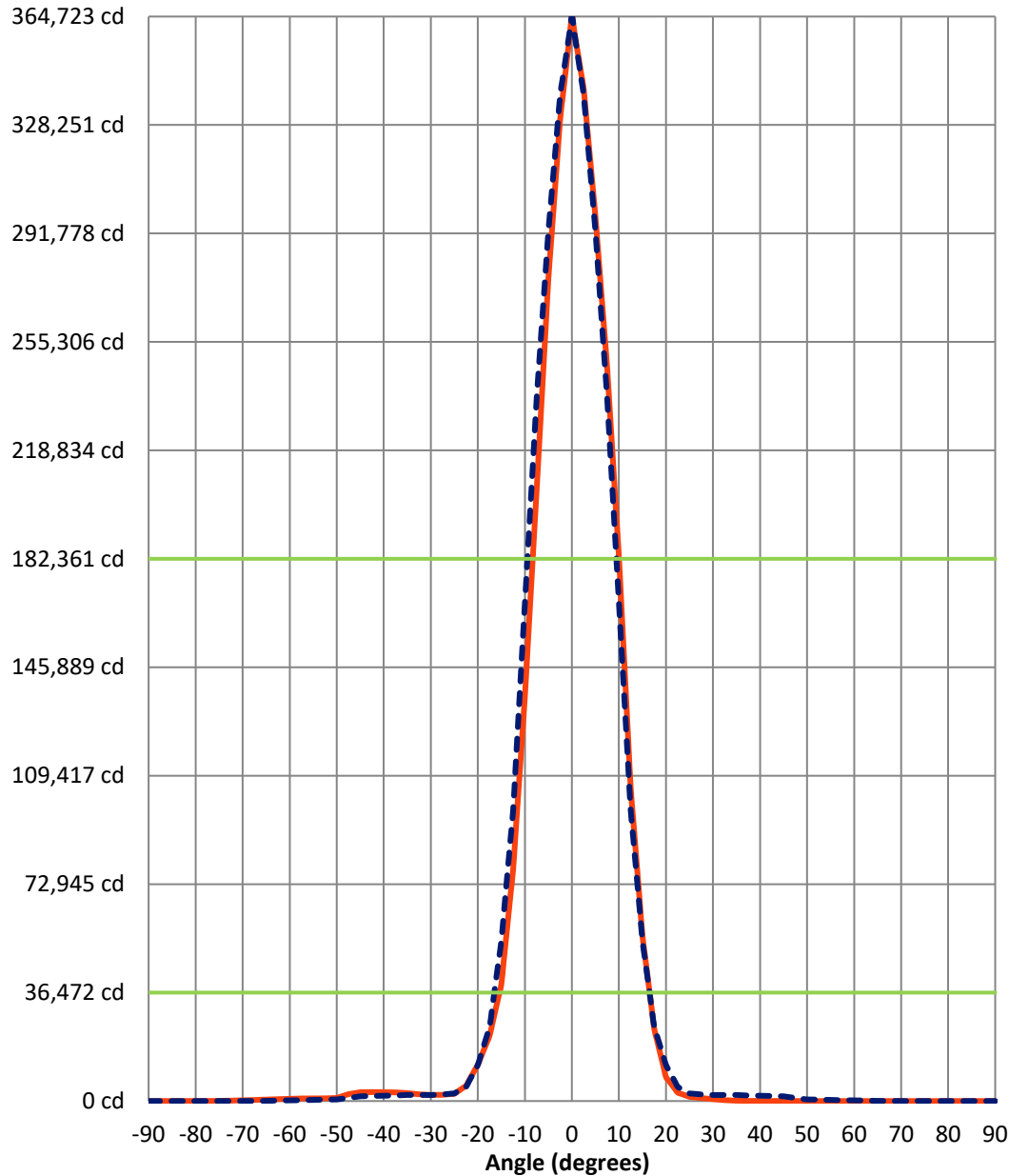
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 18.9°  
V Angle: 18.3°  
Lumens: 20497.1  
Efficiency: 46.7%

**Field:**  
H Angle: 33°  
V Angle: 31.9°  
Lumens: 37228.4  
Efficiency: 84.7%

**Spill:**  
Lumens: 6703.1  
Efficiency: 15.3%

— 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°	2.6	2.6	2.6	3.1	3.5	4.0	4.4	4.9	5.3	5.8	6.2
87.5°	2.6	2.6	2.6	2.4	2.3	2.1	2.0	2.0	1.9	1.9	1.8
85°	2.6	2.6	2.6	2.5	2.3	2.3	2.2	2.2	2.1	2.0	1.8
82.5°	2.6	2.7	2.6	2.5	2.4	2.4	2.4	2.3	2.2	2.1	2.0
80°	2.6	2.7	2.6	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.4
77.5°	2.6	2.7	2.6	2.5	2.5	2.7	2.9	2.9	2.8	2.8	2.6
75°	2.6	2.7	2.6	2.6	2.6	2.9	3.1	3.1	3.1	2.9	2.7
72.5°	2.6	2.7	2.6	2.6	2.8	3.0	3.3	3.3	3.1	2.9	2.7
70°	2.6	2.8	2.6	2.6	2.9	3.2	3.5	3.4	3.2	2.9	3.0
67.5°	2.6	2.8	2.7	2.7	3.1	3.4	3.5	3.4	3.2	3.3	3.4
65°	2.6	2.8	2.7	2.8	3.2	3.5	3.6	3.4	3.5	3.6	3.7
62.5°	2.6	2.8	2.7	2.9	3.4	3.6	3.6	3.6	3.8	4.0	3.8
60°	2.6	2.9	2.7	3.0	3.5	3.7	3.7	3.9	4.1	4.2	4.0
57.5°	2.6	2.9	2.8	3.1	3.6	3.8	3.9	4.2	4.4	4.4	4.4
55°	2.6	2.9	2.9	3.2	3.7	3.9	4.1	4.4	4.7	4.7	4.8
52.5°	2.6	2.9	3.0	3.3	3.8	4.0	4.3	4.7	4.9	5.1	5.2
50°	2.6	3.0	3.1	3.4	3.9	4.2	4.6	5.0	5.3	5.5	6.0
47.5°	2.6	3.0	3.2	3.5	4.0	4.3	4.8	5.3	5.6	5.8	6.8
45°	2.6	3.0	3.2	3.6	4.1	4.5	5.1	5.6	5.9	6.5	7.5
42.5°	2.6	3.0	3.3	3.7	4.2	4.7	5.3	5.9	6.3	7.1	8.9
40°	2.6	3.1	3.4	3.8	4.3	4.9	5.6	6.2	6.7	7.6	10.3
37.5°	2.6	3.1	3.5	3.9	4.4	5.0	5.9	6.5	7.2	8.4	11.6
35°	2.6	3.1	3.6	4.0	4.6	5.2	6.2	6.7	7.8	9.7	12.6
32.5°	2.6	3.2	3.6	4.1	4.7	5.5	6.5	7.0	8.3	10.9	13.7
30°	2.6	3.2	3.7	4.3	4.8	5.7	6.7	7.3	8.9	12.1	15.0
27.5°	2.6	3.2	3.8	4.4	5.0	5.9	6.9	7.8	9.7	13.2	16.4
25°	2.6	3.2	3.8	4.5	5.1	6.1	7.1	8.3	10.6	14.3	18.1
22.5°	2.6	3.3	3.9	4.6	5.2	6.4	7.3	8.7	11.4	15.6	20.6
20°	2.6	3.3	4.0	4.7	5.4	6.5	7.5	9.2	12.2	16.9	23.3
17.5°	2.6	3.3	4.0	4.8	5.5	6.7	7.7	9.6	13.0	18.3	26.2
15°	2.6	3.4	4.1	4.9	5.6	6.8	7.9	10.0	13.6	19.7	29.2
12.5°	2.6	3.4	4.2	4.9	5.7	6.8	8.0	10.3	14.3	21.0	32.2
10°	2.6	3.4	4.2	5.0	5.8	6.9	8.2	10.6	14.9	22.3	35.2
7.5°	2.6	3.4	4.3	5.1	5.9	7.0	8.4	10.9	15.4	23.5	38.1
5°	2.6	3.5	4.3	5.2	6.0	7.0	8.5	11.1	15.9	24.6	40.9
2.5°	2.6	3.5	4.4	5.2	6.1	7.0	8.7	11.3	16.3	25.6	43.5
0°	2.6	3.5	4.4	5.3	6.2	7.0	8.8	11.4	16.7	26.4	45.7
-2.5°	2.6	3.5	4.4	5.4	6.3	7.4	9.6	13.6	21.4	34.8	58.8
-5°	2.6	3.5	4.5	5.4	6.5	7.8	10.4	15.7	26.0	42.9	71.2
-7.5°	2.6	3.6	4.5	5.5	6.6	8.1	11.1	17.7	30.2	50.4	82.8
-10°	2.6	3.6	4.5	5.5	6.7	8.5	11.8	19.4	34.0	57.2	93.1
-12.5°	2.6	3.6	4.6	5.5	6.8	8.8	12.4	20.9	37.2	63.2	101.9
-15°	2.6	3.6	4.6	5.6	6.9	9.0	12.9	22.1	40.4	68.5	109.0
-17.5°	2.6	3.6	4.6	5.6	7.0	9.2	13.3	23.5	43.4	72.9	114.5
-20°	2.6	3.6	4.6	5.6	7.0	9.4	13.8	24.8	45.6	76.2	118.3



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 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.6	3.6	4.6	5.6	7.0	9.5	14.2	25.6	47.0	78.3	120.2
-25°	2.6	3.6	4.6	5.6	7.1	9.6	14.5	25.7	47.4	79.2	120.1
-27.5°	2.6	3.6	4.6	5.6	7.0	9.6	14.4	25.3	46.8	79.1	120.7
-30°	2.6	3.6	4.6	5.6	7.0	9.6	14.1	24.1	46.0	78.4	119.7
-32.5°	2.6	3.6	4.6	5.6	7.0	9.5	13.5	23.4	44.6	76.2	117.0
-35°	2.6	3.5	4.6	5.6	7.0	9.4	13.2	22.7	42.3	72.6	112.5
-37.5°	2.6	3.5	4.6	5.6	6.9	9.2	13.0	21.6	38.8	67.6	105.3
-40°	2.6	3.5	4.6	5.5	6.8	9.1	12.7	19.9	34.4	62.4	97.0
-42.5°	2.6	3.5	4.5	5.5	6.8	9.0	12.3	17.8	31.1	55.6	87.1
-45°	2.6	3.5	4.5	5.5	6.7	8.8	11.8	16.2	28.1	47.7	76.1
-47.5°	2.6	3.4	4.5	5.5	6.7	8.6	11.3	15.5	24.6	38.9	66.0
-50°	2.6	3.4	4.4	5.4	6.6	8.3	10.9	14.7	20.4	34.0	54.8
-52.5°	2.6	3.4	4.4	5.4	6.6	8.0	10.5	13.8	18.2	28.6	43.2
-55°	2.6	3.3	4.4	5.3	6.5	7.8	10.0	12.8	17.0	22.6	36.2
-57.5°	2.6	3.3	4.3	5.2	6.4	7.7	9.5	12.2	15.6	20.0	28.7
-60°	2.6	3.2	4.3	5.1	6.2	7.5	9.0	11.5	14.3	18.2	22.6
-62.5°	2.6	3.2	4.2	5.0	6.1	7.3	8.7	10.7	13.5	16.4	20.5
-65°	2.6	3.2	4.0	4.9	5.9	7.1	8.4	10.0	12.6	15.2	18.2
-67.5°	2.6	3.1	3.9	4.8	5.6	6.8	8.1	9.6	11.6	14.1	16.6
-70°	2.6	3.1	3.8	4.6	5.4	6.4	7.7	9.2	11.0	13.1	15.4
-72.5°	2.6	3.0	3.7	4.4	5.1	6.0	7.2	8.7	10.3	12.1	14.2
-75°	2.6	2.9	3.5	4.2	4.9	5.6	6.6	8.0	9.5	11.1	12.9
-77.5°	2.6	2.9	3.4	4.0	4.6	5.2	6.0	7.3	8.7	10.1	11.6
-80°	2.6	2.8	3.2	3.9	4.4	4.9	5.4	6.6	7.9	9.2	10.5
-82.5°	2.6	2.8	3.1	3.7	4.2	4.7	5.1	6.0	7.1	8.2	9.4
-85°	2.6	2.7	2.9	3.5	4.0	4.4	4.9	5.6	6.5	7.4	8.4
-87.5°	2.6	2.7	2.8	3.3	3.7	4.2	4.6	5.2	5.9	6.6	7.3
-90°	2.6	2.6	2.6	2.4	2.2	2.0	1.8	1.8	1.8	1.8	1.8



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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°	6.2	6.2	6.2	6.2	6.4	6.6	6.8	7.0	7.2	7.5	7.7
87.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.9	0.9	0.9
85°	1.8	1.8	1.8	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.0
82.5°	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.6	1.5	1.4
80°	2.3	2.2	2.1	2.1	2.1	2.0	2.0	1.8	1.8	1.8	1.9
77.5°	2.5	2.4	2.4	2.5	2.5	2.3	2.3	2.2	2.3	2.5	2.6
75°	2.6	2.6	2.7	2.6	2.6	2.5	2.6	2.8	2.9	2.9	2.8
72.5°	2.7	2.9	2.8	2.7	2.8	3.0	3.2	3.4	3.8	4.3	4.8
70°	3.1	3.2	3.1	3.1	3.3	3.7	4.5	5.4	6.4	7.5	9.1
67.5°	3.4	3.3	3.4	3.6	4.2	5.1	6.2	9.7	13.8	15.5	16.0
65°	3.5	3.5	3.8	4.5	5.2	8.0	11.9	16.7	21.2	21.7	20.9
62.5°	3.5	3.9	4.5	5.7	8.3	12.1	16.3	20.8	25.9	26.2	22.9
60°	3.9	4.3	5.7	8.1	11.2	14.6	19.2	22.9	27.1	29.1	22.2
57.5°	4.4	5.2	7.4	10.3	13.4	15.9	18.4	22.2	24.5	24.9	18.3
55°	5.1	6.2	9.0	12.5	14.7	14.2	16.2	18.3	19.2	17.8	12.7
52.5°	6.1	7.5	11.1	14.0	14.5	13.3	13.3	14.3	13.3	11.4	10.0
50°	7.1	9.7	13.0	14.8	14.4	12.6	10.7	10.5	10.1	9.5	8.6
47.5°	8.7	11.8	14.6	15.7	13.9	12.1	9.7	9.4	9.4	9.0	8.2
45°	10.5	13.4	16.3	15.3	13.6	11.8	10.8	9.7	9.7	9.8	10.3
42.5°	12.1	14.8	16.2	14.9	13.7	13.2	13.0	11.6	11.5	13.9	14.8
40°	13.2	15.9	16.2	16.0	14.8	15.9	16.3	16.5	17.2	19.8	21.0
37.5°	14.2	16.3	17.4	19.0	17.8	19.8	20.7	30.3	31.5	26.6	36.5
35°	14.9	17.2	21.6	26.4	27.8	24.8	37.4	50.6	55.2	52.2	63.4
32.5°	15.8	18.3	27.3	38.7	49.2	46.5	58.8	81.6	96.2	103.6	112.6
30°	17.4	23.7	36.2	54.5	81.5	97.7	98.6	122.9	149.7	197.3	240.3
27.5°	20.1	30.6	51.3	84.4	126.1	159.9	166.2	181.8	243.2	333.4	446.8
25°	23.2	47.6	68.7	125.0	186.4	224.5	235.6	262.2	368.7	575.5	687.5
22.5°	31.8	70.2	98.1	172.4	254.1	287.0	310.1	406.9	599.3	872.4	956.6
20°	48.1	96.4	134.6	213.1	322.5	348.7	383.5	591.0	899.4	1126.9	1241.3
17.5°	67.3	122.9	171.2	253.2	349.5	398.1	471.7	801.8	1209.4	1372.8	1491.8
15°	88.8	149.4	202.9	288.6	373.4	430.9	609.9	1047.0	1471.6	1606.8	1723.3
12.5°	111.7	175.6	230.2	319.3	397.0	461.4	735.7	1219.3	1597.7	1788.9	1938.9
10°	135.4	201.4	253.5	345.6	419.9	489.5	853.5	1367.0	1661.4	1819.8	1985.3
7.5°	150.1	217.8	271.4	367.7	441.8	515.0	960.3	1489.9	1705.3	1829.4	1952.1
5°	161.1	223.5	276.0	377.6	458.1	533.8	1040.7	1587.6	1733.2	1822.0	1894.1
2.5°	169.5	227.3	279.1	383.1	470.4	543.3	1048.3	1603.0	1724.7	1808.1	1857.8
0°	175.1	229.6	280.6	385.3	480.3	549.8	1032.8	1594.9	1705.7	1791.9	1850.0
-2.5°	181.3	236.3	293.3	392.1	481.2	550.0	1018.0	1579.1	1724.5	1840.3	1936.7
-5°	185.0	241.7	304.0	396.3	479.6	547.8	984.9	1538.5	1722.2	1844.1	1962.3
-7.5°	186.7	245.8	312.4	397.5	472.8	537.3	928.5	1441.8	1649.7	1763.8	1910.0
-10°	187.3	251.1	316.3	391.3	459.4	520.9	853.6	1330.1	1574.9	1679.2	1833.0
-12.5°	189.1	257.4	318.8	385.1	445.8	502.7	761.8	1207.7	1499.5	1591.3	1747.8
-15°	189.1	262.5	320.6	379.8	432.6	482.9	654.2	1078.3	1458.2	1607.4	1736.0
-17.5°	187.5	266.3	321.9	376.0	420.5	461.8	535.1	962.8	1432.2	1642.1	1769.0
-20°	184.5	269.0	323.1	374.5	410.3	452.0	510.2	834.0	1300.1	1657.8	1812.8



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	180.2	270.6	324.1	373.4	413.6	453.0	502.0	688.0	1116.6	1655.8	1814.1
-25°	178.1	263.0	324.0	373.2	418.5	455.0	492.4	549.1	919.3	1420.2	1766.1
-27.5°	177.4	254.3	318.3	369.5	423.0	458.2	490.6	536.7	730.5	1138.0	1667.6
-30°	173.9	239.9	310.3	362.2	418.5	462.0	493.8	523.0	576.4	894.9	1335.6
-32.5°	165.9	224.9	294.9	351.4	407.8	465.5	495.0	520.1	559.5	653.7	1011.7
-35°	156.6	213.0	276.8	337.7	392.9	453.5	493.1	519.5	545.4	591.0	753.2
-37.5°	148.1	199.3	258.3	319.7	375.1	432.1	488.9	516.8	542.8	575.4	637.2
-40°	138.0	183.8	240.8	299.2	354.5	409.4	464.5	512.9	539.1	581.4	622.2
-42.5°	126.4	170.8	222.0	278.1	331.1	384.9	438.9	490.7	544.9	587.5	628.3
-45°	113.6	156.0	202.1	253.0	305.1	357.6	410.0	464.0	529.4	594.2	635.0
-47.5°	99.1	139.5	183.3	225.4	275.6	327.0	378.3	434.9	499.8	567.4	640.3
-50°	83.7	121.1	161.0	199.8	242.4	292.5	342.8	399.7	460.7	526.2	594.9
-52.5°	69.7	100.7	136.7	174.1	211.3	253.1	303.5	357.5	414.6	476.2	536.2
-55°	54.4	81.8	110.4	145.6	182.1	217.5	258.5	309.1	361.7	417.5	471.6
-57.5°	42.9	62.2	86.4	114.3	148.6	184.4	219.8	258.0	304.6	353.8	398.9
-60°	33.4	46.1	63.7	86.6	112.0	144.9	179.9	214.4	250.5	286.4	325.4
-62.5°	24.8	34.5	45.8	60.6	81.9	104.4	133.5	165.8	199.3	229.2	257.4
-65°	22.0	24.9	32.6	42.9	53.4	71.9	92.5	114.1	142.1	168.4	194.0
-67.5°	19.1	21.8	24.3	28.2	37.4	46.6	55.7	73.6	92.4	109.2	127.1
-70°	17.3	18.8	21.0	23.2	25.3	29.3	37.3	45.1	52.6	61.7	75.8
-72.5°	15.7	16.9	18.3	19.8	21.7	23.5	25.4	27.3	32.0	38.2	43.8
-75°	14.1	14.9	15.9	17.1	18.4	19.7	21.0	22.5	24.2	25.9	27.8
-77.5°	12.5	13.1	13.8	14.5	15.3	16.4	17.5	18.5	19.5	20.5	21.5
-80°	11.0	11.4	11.9	12.4	13.0	13.6	14.3	15.0	15.7	16.5	17.3
-82.5°	9.8	10.1	10.4	10.7	10.9	11.2	11.5	11.9	12.4	12.8	13.3
-85°	8.6	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.0	10.2	10.3
-87.5°	7.4	7.5	7.6	7.7	7.9	8.0	8.2	8.3	8.4	8.5	8.6
-90°	1.6	1.4	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.9	8.1	8.4	8.6	8.8	9.0	9.3	9.5	9.7	9.7	9.7
87.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.7	0.4
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	1.3	1.3	1.2	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	0.9	0.9	0.9
77.5°	2.6	2.5	2.2	2.0	1.8	1.7	1.7	1.6	1.6	1.7	1.7
75°	2.7	2.6	2.8	2.8	2.6	2.5	2.4	2.2	1.9	1.8	1.8
72.5°	5.2	5.4	5.4	5.2	4.8	4.5	4.3	4.1	3.9	3.8	3.8
70°	10.0	10.1	9.7	8.8	7.5	6.6	6.2	5.8	5.3	5.2	5.5
67.5°	15.2	13.9	12.7	11.2	9.4	8.2	7.8	7.3	6.8	6.6	6.5
65°	18.7	14.7	12.5	11.1	10.3	9.2	8.2	7.2	6.3	5.7	5.5
62.5°	18.5	12.9	10.4	9.3	8.4	7.7	6.8	5.9	5.1	4.7	4.6
60°	16.1	10.8	8.0	7.3	6.6	6.2	5.7	5.1	4.7	4.4	4.4
57.5°	12.6	8.4	6.2	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.6
55°	9.2	7.4	6.3	6.1	5.9	5.6	5.2	5.2	5.1	5.0	5.3
52.5°	8.0	7.2	6.9	6.7	6.4	6.2	6.1	6.1	6.2	6.3	6.5
50°	7.8	7.5	7.3	6.9	6.9	6.9	6.9	7.2	7.5	7.5	7.6
47.5°	8.1	8.0	8.3	7.8	8.0	8.5	8.7	8.9	9.5	9.7	9.6
45°	9.6	10.8	11.2	11.1	10.8	14.1	14.8	13.6	18.6	17.9	13.9
42.5°	14.8	16.3	17.4	20.5	25.2	28.3	36.5	50.1	44.8	33.8	21.8
40°	25.3	24.9	29.6	35.5	38.9	45.3	55.4	68.5	63.2	53.6	57.3
37.5°	44.6	45.1	46.7	54.3	57.2	50.1	64.9	63.8	54.1	69.2	71.0
35°	81.7	90.4	76.8	93.5	97.5	91.5	96.9	107.2	92.7	112.1	118.3
32.5°	147.1	162.1	162.7	166.6	180.4	193.8	197.5	225.3	234.3	257.7	282.8
30°	234.9	262.6	286.1	292.5	311.0	344.0	371.2	424.7	482.0	525.0	581.6
27.5°	423.4	398.3	450.8	514.6	494.3	542.2	640.5	717.7	831.9	914.1	958.4
25°	684.8	644.1	739.6	837.0	837.2	845.3	987.4	1111.3	1204.7	1278.9	1344.0
22.5°	993.4	1044.0	1129.7	1242.7	1183.9	1237.6	1378.7	1479.2	1610.1	1738.4	2122.8
20°	1339.1	1441.7	1512.2	1495.4	1492.8	1584.1	1708.2	1902.3	2298.3	3694.0	5026.8
17.5°	1643.7	1768.4	1762.2	1691.3	1724.9	1878.2	2103.4	2857.3	4857.4	9390.3	13632.5
15°	1879.9	1935.5	1898.9	1856.5	1931.8	2161.3	2724.7	5162.6	11232.1	18491.0	26776.5
12.5°	2037.8	2016.0	1920.0	1927.0	2105.7	2428.3	4343.1	10049.0	18825.1	29133.8	49965.0
10°	2098.8	2039.1	1955.1	2032.8	2276.7	3053.0	5841.5	13952.6	27221.0	48653.2	76731.0
7.5°	2057.3	2006.3	1982.7	2119.9	2444.5	4043.2	9080.3	19734.9	39018.9	66657.2	106169.9
5°	2030.4	1996.4	2001.5	2177.1	2550.6	4771.4	11369.3	23372.5	48399.3	84068.2	134336.9
2.5°	2028.9	2008.6	2017.5	2216.8	2610.4	5144.1	12658.8	23978.2	51694.3	93538.7	157384.0
0°	2050.6	2037.4	2029.4	2224.7	2581.9	4779.3	12145.0	24951.5	53954.8	97811.6	167396.7
-2.5°	2151.9	2043.9	2039.3	2224.2	2613.4	5050.6	12445.7	24615.4	53138.9	93862.5	156655.7
-5°	2127.6	2005.5	1986.0	2141.3	2504.6	4548.1	10895.8	22733.0	46677.0	79811.8	129121.0
-7.5°	2031.5	1949.9	1915.2	2038.8	2354.7	3817.4	8449.9	17947.9	35148.6	60159.2	93045.2
-10°	1953.3	1899.4	1848.2	1933.8	2173.9	2917.3	5386.7	12040.7	23908.4	40909.4	59742.8
-12.5°	1912.2	1886.7	1794.5	1818.3	1986.1	2315.8	3769.1	8138.7	14972.7	22214.3	36288.6
-15°	1883.1	1863.8	1777.3	1771.7	1865.4	2060.2	2483.0	4221.6	8372.9	13586.2	19172.7
-17.5°	1856.8	1849.7	1803.9	1754.2	1765.9	1878.9	2111.7	2729.0	4281.9	7595.7	11206.6
-20°	1869.5	1873.5	1838.6	1786.7	1768.1	1782.8	1903.7	2116.4	2509.8	3849.4	5485.3



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1865.5	1877.4	1868.0	1871.8	1849.5	1815.5	1791.5	1884.4	2033.3	2271.5	2876.6
-25°	1865.1	1881.6	1951.3	2040.8	2031.5	1950.4	1865.4	1791.8	1877.0	1979.9	2130.1
-27.5°	1837.5	1944.3	2118.2	2250.1	2287.9	2199.0	2080.1	1956.4	1942.8	1939.6	1997.4
-30°	1828.5	2057.9	2263.0	2451.0	2477.5	2432.7	2377.6	2289.5	2194.9	2142.6	2114.6
-32.5°	1552.5	2108.0	2358.9	2528.0	2569.8	2567.8	2580.2	2538.4	2508.9	2475.0	2427.2
-35°	1178.7	1761.6	2375.8	2453.8	2521.9	2582.6	2663.9	2684.7	2701.1	2719.8	2736.6
-37.5°	823.1	1277.5	1787.8	2233.0	2374.5	2480.1	2624.2	2729.8	2817.8	2861.3	2913.7
-40°	681.9	807.4	1202.8	1579.1	1949.9	2291.9	2447.0	2627.0	2795.3	2888.9	2974.4
-42.5°	667.9	712.6	760.0	1022.5	1336.4	1659.1	1976.2	2263.7	2570.0	2774.2	2924.4
-45°	672.4	694.9	722.7	768.7	817.9	1064.2	1329.9	1601.2	1935.9	2262.9	2548.3
-47.5°	671.8	692.4	714.3	736.6	766.0	811.9	859.1	935.9	1173.2	1424.2	1667.0
-50°	648.5	690.4	710.9	731.7	753.0	775.8	799.6	833.2	873.4	911.0	941.5
-52.5°	589.8	639.1	686.6	726.3	745.8	765.8	787.0	815.0	841.4	866.1	878.9
-55°	523.3	572.5	620.5	663.2	703.5	742.2	778.2	803.9	830.3	857.0	868.0
-57.5°	447.0	496.6	544.3	584.1	624.3	664.5	701.8	737.5	773.3	807.1	826.0
-60°	365.7	407.1	449.8	490.6	529.7	566.9	601.6	635.5	668.0	696.3	714.3
-62.5°	285.9	318.6	354.6	390.0	424.2	457.4	489.5	520.0	548.8	573.1	589.9
-65°	218.9	243.2	268.0	293.6	319.6	348.1	375.0	400.5	424.3	444.0	458.8
-67.5°	148.7	169.7	189.8	208.7	227.8	248.0	268.4	287.6	305.5	320.0	331.4
-70°	89.4	102.5	115.2	128.8	144.2	158.9	173.3	187.0	199.7	209.6	217.1
-72.5°	48.7	53.5	59.8	70.2	79.8	88.8	97.0	104.5	111.1	116.6	121.1
-75°	29.7	32.1	35.9	39.6	43.2	46.6	49.9	52.9	55.6	57.9	59.8
-77.5°	22.7	24.0	25.2	26.4	27.5	28.6	29.8	30.8	31.8	32.7	33.5
-80°	18.1	18.8	19.6	20.2	20.9	21.6	22.3	23.0	23.7	24.2	24.7
-82.5°	13.8	14.5	15.2	15.8	16.3	16.8	17.2	17.6	17.9	18.3	18.7
-85°	10.5	10.9	11.5	12.0	12.5	12.7	12.8	12.9	13.0	13.3	13.6
-87.5°	8.6	8.9	9.1	9.4	9.6	9.9	10.1	10.3	10.6	10.8	11.0
-90°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.5
87.5°	0.2	0.0	0.4	0.9	0.4	0.0	0.2	0.4	0.7	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
75°	1.8	1.8	2.2	2.6	2.2	1.8	1.8	1.8	1.8	1.9	2.2
72.5°	3.6	3.5	3.5	3.5	3.5	3.5	3.6	3.8	3.8	3.9	4.1
70°	5.8	6.1	6.2	6.2	6.2	6.1	5.8	5.5	5.2	5.3	5.8
67.5°	6.4	6.2	5.4	4.4	5.4	6.2	6.4	6.5	6.6	6.8	7.3
65°	5.4	5.3	4.9	4.4	4.9	5.3	5.4	5.5	5.7	6.3	7.2
62.5°	4.5	4.4	4.4	4.4	4.4	4.4	4.5	4.6	4.7	5.1	5.9
60°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.7	5.1
57.5°	4.9	5.2	5.3	5.3	5.3	5.2	4.9	4.6	4.4	4.6	4.9
55°	5.7	6.0	6.2	6.2	6.2	6.0	5.7	5.3	5.0	5.1	5.2
52.5°	6.4	6.3	6.5	7.0	6.5	6.3	6.4	6.5	6.3	6.2	6.1
50°	7.7	7.8	7.9	7.9	7.9	7.8	7.7	7.6	7.5	7.5	7.2
47.5°	9.8	9.7	9.7	9.7	9.7	9.7	9.8	9.6	9.7	9.5	8.9
45°	14.4	14.7	15.1	15.8	15.1	14.7	14.4	13.9	17.9	18.6	13.6
42.5°	22.8	23.3	23.6	23.8	23.6	23.3	22.8	21.8	33.8	44.8	50.1
40°	54.3	43.2	32.3	32.5	32.3	43.2	54.3	57.3	53.6	63.2	68.5
37.5°	62.4	56.7	54.5	53.7	54.5	56.7	62.4	71.0	69.2	54.1	63.8
35°	118.1	120.2	117.5	118.8	117.5	120.2	118.1	118.3	112.1	92.7	107.2
32.5°	290.9	302.8	298.6	300.0	298.6	302.8	290.9	282.8	257.7	234.3	225.3
30°	604.4	640.7	648.9	646.6	648.9	640.7	604.4	581.6	525.0	482.0	424.7
27.5°	976.3	1005.1	1011.0	1005.5	1011.0	1005.1	976.3	958.4	914.1	831.9	717.7
25°	1379.9	1407.3	1422.9	1415.4	1422.9	1407.3	1379.9	1344.0	1278.9	1204.7	1111.3
22.5°	2567.9	2692.5	2753.3	2836.1	2753.3	2692.5	2567.9	2122.8	1738.4	1610.1	1479.2
20°	7573.1	8433.9	8270.8	8093.1	8270.8	8433.9	7573.1	5026.8	3694.0	2298.3	1902.3
17.5°	18903.5	23136.2	25151.8	24331.3	25151.8	23136.2	18903.5	13632.5	9390.3	4857.4	2857.3
15°	38663.1	50489.5	57404.3	55558.4	57404.3	50489.5	38663.1	26776.5	18491.0	11232.1	5162.6
12.5°	70038.4	88834.2	103233.5	105294.7	103233.5	88834.2	70038.4	49965.0	29133.8	18825.1	10049.0
10°	110146.5	144879.2	173502.7	182848.4	173502.7	144879.2	110146.5	76731.0	48653.2	27221.0	13952.6
7.5°	157953.3	204319.2	237330.1	246505.7	237330.1	204319.2	157953.3	106169.9	66657.2	39018.9	19734.9
5°	196295.1	249656.0	286211.7	297440.0	286211.7	249656.0	196295.1	134336.9	84068.2	48399.3	23372.5
2.5°	225014.1	280984.8	321748.4	340374.5	321748.4	280984.8	225014.1	157384.0	93538.7	51694.3	23978.2
0°	236139.4	292541.9	338252.2	364722.9	338252.2	292541.9	236139.4	167396.7	97811.6	53954.8	24951.5
-2.5°	225256.4	277694.9	312894.8	330252.8	312894.8	277694.9	225256.4	156655.7	93862.5	53138.9	24615.4
-5°	187533.2	233934.3	264289.5	276543.9	264289.5	233934.3	187533.2	129121.0	79811.8	46677.0	22733.0
-7.5°	134372.1	172461.8	195088.2	205413.7	195088.2	172461.8	134372.1	93045.2	60159.2	35148.6	17947.9
-10°	87300.2	108383.4	131197.0	136079.8	131197.0	108383.4	87300.2	59742.8	40909.4	23908.4	12040.7
-12.5°	49182.8	62486.6	73825.0	77917.0	73825.0	62486.6	49182.8	36288.6	22214.3	14972.7	8138.7
-15°	26609.5	34189.4	38273.7	39278.1	38273.7	34189.4	26609.5	19172.7	13586.2	8372.9	4221.6
-17.5°	15277.4	18918.6	21002.2	21958.8	21002.2	18918.6	15277.4	11206.6	7595.7	4281.9	2729.0
-20°	8163.8	10218.4	11391.5	12254.9	11391.5	10218.4	8163.8	5485.3	3849.4	2509.8	2116.4



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3749.8	4383.0	4740.8	5145.3	4740.8	4383.0	3749.8	2876.6	2271.5	2033.3	1884.4
-25°	2260.5	2345.7	2397.0	2438.5	2397.0	2345.7	2260.5	2130.1	1979.9	1877.0	1791.8
-27.5°	2046.9	2074.8	2091.0	2107.7	2091.0	2074.8	2046.9	1997.4	1939.6	1942.8	1956.4
-30°	2090.6	2062.3	2052.5	2041.8	2052.5	2062.3	2090.6	2114.6	2142.6	2194.9	2289.5
-32.5°	2379.1	2324.2	2294.7	2267.0	2294.7	2324.2	2379.1	2427.2	2475.0	2508.9	2538.4
-35°	2730.1	2705.4	2692.4	2676.0	2692.4	2705.4	2730.1	2736.6	2719.8	2701.1	2684.7
-37.5°	2922.5	2918.1	2917.3	2909.1	2917.3	2918.1	2922.5	2913.7	2861.3	2817.8	2729.8
-40°	2984.3	2982.6	2978.3	2974.2	2978.3	2982.6	2984.3	2974.4	2888.9	2795.3	2627.0
-42.5°	2964.4	2990.9	3003.7	3004.1	3003.7	2990.9	2964.4	2924.4	2774.2	2570.0	2263.7
-45°	2730.2	2865.5	2944.2	2965.4	2944.2	2865.5	2730.2	2548.3	2262.9	1935.9	1601.2
-47.5°	1883.2	2074.1	2221.1	2313.6	2221.1	2074.1	1883.2	1667.0	1424.2	1173.2	935.9
-50°	968.1	992.9	1017.9	1042.4	1017.9	992.9	968.1	941.5	911.0	873.4	833.2
-52.5°	889.2	899.5	906.0	909.6	906.0	899.5	889.2	878.9	866.1	841.4	815.0
-55°	878.0	887.5	892.3	893.8	892.3	887.5	878.0	868.0	857.0	830.3	803.9
-57.5°	842.3	855.7	863.7	867.4	863.7	855.7	842.3	826.0	807.1	773.3	737.5
-60°	729.2	741.1	749.2	753.9	749.2	741.1	729.2	714.3	696.3	668.0	635.5
-62.5°	603.9	615.0	621.2	623.7	621.2	615.0	603.9	589.9	573.1	548.8	520.0
-65°	471.0	480.6	490.3	497.9	490.3	480.6	471.0	458.8	444.0	424.3	400.5
-67.5°	341.1	348.8	357.3	364.2	357.3	348.8	341.1	331.4	320.0	305.5	287.6
-70°	223.0	227.3	234.2	240.2	234.2	227.3	223.0	217.1	209.6	199.7	187.0
-72.5°	124.7	127.4	132.6	137.2	132.6	127.4	124.7	121.1	116.6	111.1	104.5
-75°	61.4	62.6	63.1	63.3	63.1	62.6	61.4	59.8	57.9	55.6	52.9
-77.5°	34.3	35.0	35.2	35.2	35.2	35.0	34.3	33.5	32.7	31.8	30.8
-80°	25.1	25.4	25.9	26.4	25.9	25.4	25.1	24.7	24.2	23.7	23.0
-82.5°	19.0	19.3	19.4	19.4	19.4	19.3	19.0	18.7	18.3	17.9	17.6
-85°	13.8	14.1	14.1	14.1	14.1	14.1	13.8	13.6	13.3	13.0	12.9
-87.5°	11.2	11.4	11.4	11.4	11.4	11.4	11.2	11.0	10.8	10.6	10.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.3	9.0	8.8	8.6	8.4	8.1	7.9	7.7	7.5	7.2	7.0
87.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3
82.5°	0.9	0.9	0.9	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.8
80°	1.3	1.4	1.5	1.6	1.8	1.9	2.0	1.9	1.8	1.8	1.8
77.5°	1.7	1.7	1.8	2.0	2.2	2.5	2.6	2.6	2.5	2.3	2.2
75°	2.4	2.5	2.6	2.8	2.8	2.6	2.7	2.8	2.9	2.9	2.8
72.5°	4.3	4.5	4.8	5.2	5.4	5.4	5.2	4.8	4.3	3.8	3.4
70°	6.2	6.6	7.5	8.8	9.7	10.1	10.0	9.1	7.5	6.4	5.4
67.5°	7.8	8.2	9.4	11.2	12.7	13.9	15.2	16.0	15.5	13.8	9.7
65°	8.2	9.2	10.3	11.1	12.5	14.7	18.7	20.9	21.7	21.2	16.7
62.5°	6.8	7.7	8.4	9.3	10.4	12.9	18.5	22.9	26.2	25.9	20.8
60°	5.7	6.2	6.6	7.3	8.0	10.8	16.1	22.2	29.1	27.1	22.9
57.5°	5.2	5.5	5.8	6.1	6.2	8.4	12.6	18.3	24.9	24.5	22.2
55°	5.2	5.6	5.9	6.1	6.3	7.4	9.2	12.7	17.8	19.2	18.3
52.5°	6.1	6.2	6.4	6.7	6.9	7.2	8.0	10.0	11.4	13.3	14.3
50°	6.9	6.9	6.9	6.9	7.3	7.5	7.8	8.6	9.5	10.1	10.5
47.5°	8.7	8.5	8.0	7.8	8.3	8.0	8.1	8.2	9.0	9.4	9.4
45°	14.8	14.1	10.8	11.1	11.2	10.8	9.6	10.3	9.8	9.7	9.7
42.5°	36.5	28.3	25.2	20.5	17.4	16.3	14.8	14.8	13.9	11.5	11.6
40°	55.4	45.3	38.9	35.5	29.6	24.9	25.3	21.0	19.8	17.2	16.5
37.5°	64.9	50.1	57.2	54.3	46.7	45.1	44.6	36.5	26.6	31.5	30.3
35°	96.9	91.5	97.5	93.5	76.8	90.4	81.7	63.4	52.2	55.2	50.6
32.5°	197.5	193.8	180.4	166.6	162.7	162.1	147.1	112.6	103.6	96.2	81.6
30°	371.2	344.0	311.0	292.5	286.1	262.6	234.9	240.3	197.3	149.7	122.9
27.5°	640.5	542.2	494.3	514.6	450.8	398.3	423.4	446.8	333.4	243.2	181.8
25°	987.4	845.3	837.2	837.0	739.6	644.1	684.8	687.5	575.5	368.7	262.2
22.5°	1378.7	1237.6	1183.9	1242.7	1129.7	1044.0	993.4	956.6	872.4	599.3	406.9
20°	1708.2	1584.1	1492.8	1495.4	1512.2	1441.7	1339.1	1241.3	1126.9	899.4	591.0
17.5°	2103.4	1878.2	1724.9	1691.3	1762.2	1768.4	1643.7	1491.8	1372.8	1209.4	801.8
15°	2724.7	2161.3	1931.8	1856.5	1898.9	1935.5	1879.9	1723.3	1606.8	1471.6	1047.0
12.5°	4343.1	2428.3	2105.7	1927.0	1920.0	2016.0	2037.8	1938.9	1788.9	1597.7	1219.3
10°	5841.5	3053.0	2276.7	2032.8	1955.1	2039.1	2098.8	1985.3	1819.8	1661.4	1367.0
7.5°	9080.3	4043.2	2444.5	2119.9	1982.7	2006.3	2057.3	1952.1	1829.4	1705.3	1489.9
5°	11369.3	4771.4	2550.6	2177.1	2001.5	1996.4	2030.4	1894.1	1822.0	1733.2	1587.6
2.5°	12658.8	5144.1	2610.4	2216.8	2017.5	2008.6	2028.9	1857.8	1808.1	1724.7	1603.0
0°	12145.0	4779.3	2581.9	2224.7	2029.4	2037.4	2050.6	1850.0	1791.9	1705.7	1594.9
-2.5°	12445.7	5050.6	2613.4	2224.2	2039.3	2043.9	2151.9	1936.7	1840.3	1724.5	1579.1
-5°	10895.8	4548.1	2504.6	2141.3	1986.0	2005.5	2127.6	1962.3	1844.1	1722.2	1538.5
-7.5°	8449.9	3817.4	2354.7	2038.8	1915.2	1949.9	2031.5	1910.0	1763.8	1649.7	1441.8
-10°	5386.7	2917.3	2173.9	1933.8	1848.2	1899.4	1953.3	1833.0	1679.2	1574.9	1330.1
-12.5°	3769.1	2315.8	1986.1	1818.3	1794.5	1886.7	1912.2	1747.8	1591.3	1499.5	1207.7
-15°	2483.0	2060.2	1865.4	1771.7	1777.3	1863.8	1883.1	1736.0	1607.4	1458.2	1078.3
-17.5°	2111.7	1878.9	1765.9	1754.2	1803.9	1849.7	1856.8	1769.0	1642.1	1432.2	962.8
-20°	1903.7	1782.8	1768.1	1786.7	1838.6	1873.5	1869.5	1812.8	1657.8	1300.1	834.0



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1791.5	1815.5	1849.5	1871.8	1868.0	1877.4	1865.5	1814.1	1655.8	1116.6	688.0
-25°	1865.4	1950.4	2031.5	2040.8	1951.3	1881.6	1865.1	1766.1	1420.2	919.3	549.1
-27.5°	2080.1	2199.0	2287.9	2250.1	2118.2	1944.3	1837.5	1667.6	1138.0	730.5	536.7
-30°	2377.6	2432.7	2477.5	2451.0	2263.0	2057.9	1828.5	1335.6	894.9	576.4	523.0
-32.5°	2580.2	2567.8	2569.8	2528.0	2358.9	2108.0	1552.5	1011.7	653.7	559.5	520.1
-35°	2663.9	2582.6	2521.9	2453.8	2375.8	1761.6	1178.7	753.2	591.0	545.4	519.5
-37.5°	2624.2	2480.1	2374.5	2233.0	1787.8	1277.5	823.1	637.2	575.4	542.8	516.8
-40°	2447.0	2291.9	1949.9	1579.1	1202.8	807.4	681.9	622.2	581.4	539.1	512.9
-42.5°	1976.2	1659.1	1336.4	1022.5	760.0	712.6	667.9	628.3	587.5	544.9	490.7
-45°	1329.9	1064.2	817.9	768.7	722.7	694.9	672.4	635.0	594.2	529.4	464.0
-47.5°	859.1	811.9	766.0	736.6	714.3	692.4	671.8	640.3	567.4	499.8	434.9
-50°	799.6	775.8	753.0	731.7	710.9	690.4	648.5	594.9	526.2	460.7	399.7
-52.5°	787.0	765.8	745.8	726.3	686.6	639.1	589.8	536.2	476.2	414.6	357.5
-55°	778.2	742.2	703.5	663.2	620.5	572.5	523.3	471.6	417.5	361.7	309.1
-57.5°	701.8	664.5	624.3	584.1	544.3	496.6	447.0	398.9	353.8	304.6	258.0
-60°	601.6	566.9	529.7	490.6	449.8	407.1	365.7	325.4	286.4	250.5	214.4
-62.5°	489.5	457.4	424.2	390.0	354.6	318.6	285.9	257.4	229.2	199.3	165.8
-65°	375.0	348.1	319.6	293.6	268.0	243.2	218.9	194.0	168.4	142.1	114.1
-67.5°	268.4	248.0	227.8	208.7	189.8	169.7	148.7	127.1	109.2	92.4	73.6
-70°	173.3	158.9	144.2	128.8	115.2	102.5	89.4	75.8	61.7	52.6	45.1
-72.5°	97.0	88.8	79.8	70.2	59.8	53.5	48.7	43.8	38.2	32.0	27.3
-75°	49.9	46.6	43.2	39.6	35.9	32.1	29.7	27.8	25.9	24.2	22.5
-77.5°	29.8	28.6	27.5	26.4	25.2	24.0	22.7	21.5	20.5	19.5	18.5
-80°	22.3	21.6	20.9	20.2	19.6	18.8	18.1	17.3	16.5	15.7	15.0
-82.5°	17.2	16.8	16.3	15.8	15.2	14.5	13.8	13.3	12.8	12.4	11.9
-85°	12.8	12.7	12.5	12.0	11.5	10.9	10.5	10.3	10.2	10.0	9.9
-87.5°	10.1	9.9	9.6	9.4	9.1	8.9	8.6	8.6	8.5	8.4	8.3
-90°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.8	6.6	6.4	6.2	6.2	6.2	6.2	6.2	5.8	5.3	4.9
87.5°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0
85°	1.4	1.5	1.6	1.8	1.8	1.8	1.8	1.8	2.0	2.1	2.2
82.5°	1.8	1.8	1.8	1.8	1.9	2.0	2.0	2.0	2.1	2.2	2.3
80°	2.0	2.0	2.1	2.1	2.1	2.2	2.3	2.4	2.5	2.5	2.6
77.5°	2.3	2.3	2.5	2.5	2.4	2.4	2.5	2.6	2.8	2.8	2.9
75°	2.6	2.5	2.6	2.6	2.7	2.6	2.6	2.7	2.9	3.1	3.1
72.5°	3.2	3.0	2.8	2.7	2.8	2.9	2.7	2.7	2.9	3.1	3.3
70°	4.5	3.7	3.3	3.1	3.1	3.2	3.1	3.0	2.9	3.2	3.4
67.5°	6.2	5.1	4.2	3.6	3.4	3.3	3.4	3.4	3.3	3.2	3.4
65°	11.9	8.0	5.2	4.5	3.8	3.5	3.5	3.7	3.6	3.5	3.4
62.5°	16.3	12.1	8.3	5.7	4.5	3.9	3.5	3.8	4.0	3.8	3.6
60°	19.2	14.6	11.2	8.1	5.7	4.3	3.9	4.0	4.2	4.1	3.9
57.5°	18.4	15.9	13.4	10.3	7.4	5.2	4.4	4.4	4.4	4.4	4.2
55°	16.2	14.2	14.7	12.5	9.0	6.2	5.1	4.8	4.7	4.7	4.4
52.5°	13.3	13.3	14.5	14.0	11.1	7.5	6.1	5.2	5.1	4.9	4.7
50°	10.7	12.6	14.4	14.8	13.0	9.7	7.1	6.0	5.5	5.3	5.0
47.5°	9.7	12.1	13.9	15.7	14.6	11.8	8.7	6.8	5.8	5.6	5.3
45°	10.8	11.8	13.6	15.3	16.3	13.4	10.5	7.5	6.5	5.9	5.6
42.5°	13.0	13.2	13.7	14.9	16.2	14.8	12.1	8.9	7.1	6.3	5.9
40°	16.3	15.9	14.8	16.0	16.2	15.9	13.2	10.3	7.6	6.7	6.2
37.5°	20.7	19.8	17.8	19.0	17.4	16.3	14.2	11.6	8.4	7.2	6.5
35°	37.4	24.8	27.8	26.4	21.6	17.2	14.9	12.6	9.7	7.8	6.7
32.5°	58.8	46.5	49.2	38.7	27.3	18.3	15.8	13.7	10.9	8.3	7.0
30°	98.6	97.7	81.5	54.5	36.2	23.7	17.4	15.0	12.1	8.9	7.3
27.5°	166.2	159.9	126.1	84.4	51.3	30.6	20.1	16.4	13.2	9.7	7.8
25°	235.6	224.5	186.4	125.0	68.7	47.6	23.2	18.1	14.3	10.6	8.3
22.5°	310.1	287.0	254.1	172.4	98.1	70.2	31.8	20.6	15.6	11.4	8.7
20°	383.5	348.7	322.5	213.1	134.6	96.4	48.1	23.3	16.9	12.2	9.2
17.5°	471.7	398.1	349.5	253.2	171.2	122.9	67.3	26.2	18.3	13.0	9.6
15°	609.9	430.9	373.4	288.6	202.9	149.4	88.8	29.2	19.7	13.6	10.0
12.5°	735.7	461.4	397.0	319.3	230.2	175.6	111.7	32.2	21.0	14.3	10.3
10°	853.5	489.5	419.9	345.6	253.5	201.4	135.4	35.2	22.3	14.9	10.6
7.5°	960.3	515.0	441.8	367.7	271.4	217.8	150.1	38.1	23.5	15.4	10.9
5°	1040.7	533.8	458.1	377.6	276.0	223.5	161.1	40.9	24.6	15.9	11.1
2.5°	1048.3	543.3	470.4	383.1	279.1	227.3	169.5	43.5	25.6	16.3	11.3
0°	1032.8	549.8	480.3	385.3	280.6	229.6	175.1	45.7	26.4	16.7	11.4
-2.5°	1018.0	550.0	481.2	392.1	293.3	236.3	181.3	58.8	34.8	21.4	13.6
-5°	984.9	547.8	479.6	396.3	304.0	241.7	185.0	71.2	42.9	26.0	15.7
-7.5°	928.5	537.3	472.8	397.5	312.4	245.8	186.7	82.8	50.4	30.2	17.7
-10°	853.6	520.9	459.4	391.3	316.3	251.1	187.3	93.1	57.2	34.0	19.4
-12.5°	761.8	502.7	445.8	385.1	318.8	257.4	189.1	101.9	63.2	37.2	20.9
-15°	654.2	482.9	432.6	379.8	320.6	262.5	189.1	109.0	68.5	40.4	22.1
-17.5°	535.1	461.8	420.5	376.0	321.9	266.3	187.5	114.5	72.9	43.4	23.5
-20°	510.2	452.0	410.3	374.5	323.1	269.0	184.5	118.3	76.2	45.6	24.8



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	502.0	453.0	413.6	373.4	324.1	270.6	180.2	120.2	78.3	47.0	25.6
-25°	492.4	455.0	418.5	373.2	324.0	263.0	178.1	120.1	79.2	47.4	25.7
-27.5°	490.6	458.2	423.0	369.5	318.3	254.3	177.4	120.7	79.1	46.8	25.3
-30°	493.8	462.0	418.5	362.2	310.3	239.9	173.9	119.7	78.4	46.0	24.1
-32.5°	495.0	465.5	407.8	351.4	294.9	224.9	165.9	117.0	76.2	44.6	23.4
-35°	493.1	453.5	392.9	337.7	276.8	213.0	156.6	112.5	72.6	42.3	22.7
-37.5°	488.9	432.1	375.1	319.7	258.3	199.3	148.1	105.3	67.6	38.8	21.6
-40°	464.5	409.4	354.5	299.2	240.8	183.8	138.0	97.0	62.4	34.4	19.9
-42.5°	438.9	384.9	331.1	278.1	222.0	170.8	126.4	87.1	55.6	31.1	17.8
-45°	410.0	357.6	305.1	253.0	202.1	156.0	113.6	76.1	47.7	28.1	16.2
-47.5°	378.3	327.0	275.6	225.4	183.3	139.5	99.1	66.0	38.9	24.6	15.5
-50°	342.8	292.5	242.4	199.8	161.0	121.1	83.7	54.8	34.0	20.4	14.7
-52.5°	303.5	253.1	211.3	174.1	136.7	100.7	69.7	43.2	28.6	18.2	13.8
-55°	258.5	217.5	182.1	145.6	110.4	81.8	54.4	36.2	22.6	17.0	12.8
-57.5°	219.8	184.4	148.6	114.3	86.4	62.2	42.9	28.7	20.0	15.6	12.2
-60°	179.9	144.9	112.0	86.6	63.7	46.1	33.4	22.6	18.2	14.3	11.5
-62.5°	133.5	104.4	81.9	60.6	45.8	34.5	24.8	20.5	16.4	13.5	10.7
-65°	92.5	71.9	53.4	42.9	32.6	24.9	22.0	18.2	15.2	12.6	10.0
-67.5°	55.7	46.6	37.4	28.2	24.3	21.8	19.1	16.6	14.1	11.6	9.6
-70°	37.3	29.3	25.3	23.2	21.0	18.8	17.3	15.4	13.1	11.0	9.2
-72.5°	25.4	23.5	21.7	19.8	18.3	16.9	15.7	14.2	12.1	10.3	8.7
-75°	21.0	19.7	18.4	17.1	15.9	14.9	14.1	12.9	11.1	9.5	8.0
-77.5°	17.5	16.4	15.3	14.5	13.8	13.1	12.5	11.6	10.1	8.7	7.3
-80°	14.3	13.6	13.0	12.4	11.9	11.4	11.0	10.5	9.2	7.9	6.6
-82.5°	11.5	11.2	10.9	10.7	10.4	10.1	9.8	9.4	8.2	7.1	6.0
-85°	9.7	9.5	9.4	9.2	9.0	8.8	8.6	8.4	7.4	6.5	5.6
-87.5°	8.2	8.0	7.9	7.7	7.6	7.5	7.4	7.3	6.6	5.9	5.2
-90°	0.9	0.9	0.9	0.9	1.1	1.4	1.6	1.8	1.8	1.8	1.8



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.4	4.0	3.5	3.1	2.6	2.6	2.6
87.5°	2.0	2.1	2.3	2.4	2.6	2.6	2.6
85°	2.2	2.3	2.3	2.5	2.6	2.6	2.6
82.5°	2.4	2.4	2.4	2.5	2.6	2.7	2.6
80°	2.6	2.5	2.5	2.5	2.6	2.7	2.6
77.5°	2.9	2.7	2.5	2.5	2.6	2.7	2.6
75°	3.1	2.9	2.6	2.6	2.6	2.7	2.6
72.5°	3.3	3.0	2.8	2.6	2.6	2.7	2.6
70°	3.5	3.2	2.9	2.6	2.6	2.8	2.6
67.5°	3.5	3.4	3.1	2.7	2.7	2.8	2.6
65°	3.6	3.5	3.2	2.8	2.7	2.8	2.6
62.5°	3.6	3.6	3.4	2.9	2.7	2.8	2.6
60°	3.7	3.7	3.5	3.0	2.7	2.9	2.6
57.5°	3.9	3.8	3.6	3.1	2.8	2.9	2.6
55°	4.1	3.9	3.7	3.2	2.9	2.9	2.6
52.5°	4.3	4.0	3.8	3.3	3.0	2.9	2.6
50°	4.6	4.2	3.9	3.4	3.1	3.0	2.6
47.5°	4.8	4.3	4.0	3.5	3.2	3.0	2.6
45°	5.1	4.5	4.1	3.6	3.2	3.0	2.6
42.5°	5.3	4.7	4.2	3.7	3.3	3.0	2.6
40°	5.6	4.9	4.3	3.8	3.4	3.1	2.6
37.5°	5.9	5.0	4.4	3.9	3.5	3.1	2.6
35°	6.2	5.2	4.6	4.0	3.6	3.1	2.6
32.5°	6.5	5.5	4.7	4.1	3.6	3.2	2.6
30°	6.7	5.7	4.8	4.3	3.7	3.2	2.6
27.5°	6.9	5.9	5.0	4.4	3.8	3.2	2.6
25°	7.1	6.1	5.1	4.5	3.8	3.2	2.6
22.5°	7.3	6.4	5.2	4.6	3.9	3.3	2.6
20°	7.5	6.5	5.4	4.7	4.0	3.3	2.6
17.5°	7.7	6.7	5.5	4.8	4.0	3.3	2.6
15°	7.9	6.8	5.6	4.9	4.1	3.4	2.6
12.5°	8.0	6.8	5.7	4.9	4.2	3.4	2.6
10°	8.2	6.9	5.8	5.0	4.2	3.4	2.6
7.5°	8.4	7.0	5.9	5.1	4.3	3.4	2.6
5°	8.5	7.0	6.0	5.2	4.3	3.5	2.6
2.5°	8.7	7.0	6.1	5.2	4.4	3.5	2.6
0°	8.8	7.0	6.2	5.3	4.4	3.5	2.6
-2.5°	9.6	7.4	6.3	5.4	4.4	3.5	2.6
-5°	10.4	7.8	6.5	5.4	4.5	3.5	2.6
-7.5°	11.1	8.1	6.6	5.5	4.5	3.6	2.6
-10°	11.8	8.5	6.7	5.5	4.5	3.6	2.6
-12.5°	12.4	8.8	6.8	5.5	4.6	3.6	2.6
-15°	12.9	9.0	6.9	5.6	4.6	3.6	2.6
-17.5°	13.3	9.2	7.0	5.6	4.6	3.6	2.6
-20°	13.8	9.4	7.0	5.6	4.6	3.6	2.6



REPORT NUMBER: P1305989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.2	9.5	7.0	5.6	4.6	3.6	2.6
-25°	14.5	9.6	7.1	5.6	4.6	3.6	2.6
-27.5°	14.4	9.6	7.0	5.6	4.6	3.6	2.6
-30°	14.1	9.6	7.0	5.6	4.6	3.6	2.6
-32.5°	13.5	9.5	7.0	5.6	4.6	3.6	2.6
-35°	13.2	9.4	7.0	5.6	4.6	3.5	2.6
-37.5°	13.0	9.2	6.9	5.6	4.6	3.5	2.6
-40°	12.7	9.1	6.8	5.5	4.6	3.5	2.6
-42.5°	12.3	9.0	6.8	5.5	4.5	3.5	2.6
-45°	11.8	8.8	6.7	5.5	4.5	3.5	2.6
-47.5°	11.3	8.6	6.7	5.5	4.5	3.4	2.6
-50°	10.9	8.3	6.6	5.4	4.4	3.4	2.6
-52.5°	10.5	8.0	6.6	5.4	4.4	3.4	2.6
-55°	10.0	7.8	6.5	5.3	4.4	3.3	2.6
-57.5°	9.5	7.7	6.4	5.2	4.3	3.3	2.6
-60°	9.0	7.5	6.2	5.1	4.3	3.2	2.6
-62.5°	8.7	7.3	6.1	5.0	4.2	3.2	2.6
-65°	8.4	7.1	5.9	4.9	4.0	3.2	2.6
-67.5°	8.1	6.8	5.6	4.8	3.9	3.1	2.6
-70°	7.7	6.4	5.4	4.6	3.8	3.1	2.6
-72.5°	7.2	6.0	5.1	4.4	3.7	3.0	2.6
-75°	6.6	5.6	4.9	4.2	3.5	2.9	2.6
-77.5°	6.0	5.2	4.6	4.0	3.4	2.9	2.6
-80°	5.4	4.9	4.4	3.9	3.2	2.8	2.6
-82.5°	5.1	4.7	4.2	3.7	3.1	2.8	2.6
-85°	4.9	4.4	4.0	3.5	2.9	2.7	2.6
-87.5°	4.6	4.2	3.7	3.3	2.8	2.7	2.6
-90°	1.8	2.0	2.2	2.4	2.6	2.6	2.6

(END OF REPORT)