

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: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-7F-HEG-A**

Issue Date: 2/3/2026

**Test Information**

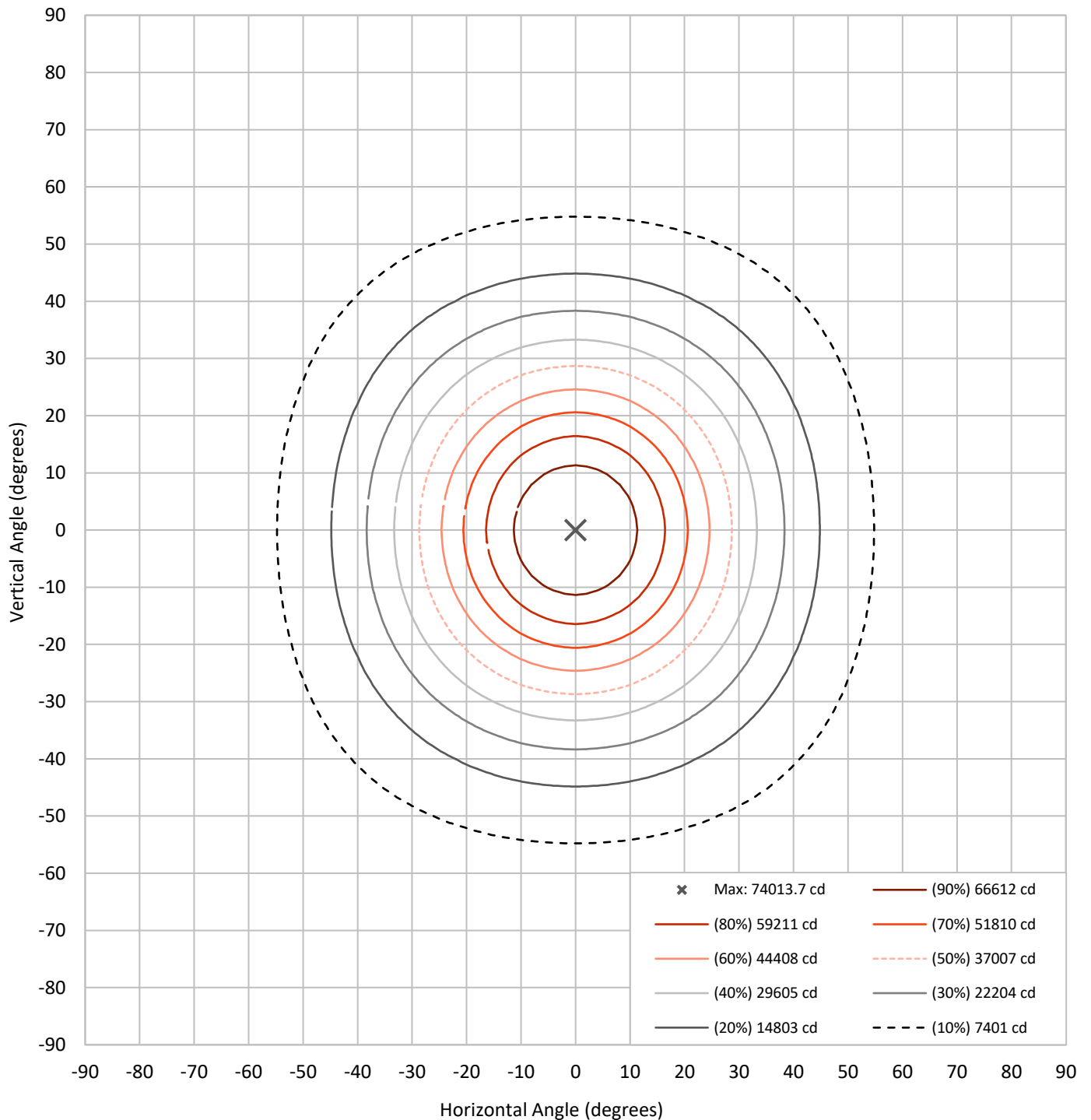
Test Method: LM-79-08  
Report Number: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-40-70-7F-HEG-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	83509.9 lumens	Max Intensity:	74013.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.4°H x 57.4°V	Field Angle (10%):	109.4°H x 109.4°V
Beam Lumens:	41128.6 lumens	Field Lumens:	75761.5 lumens
Beam Efficiency:	49.2%	Field Efficiency:	90.7%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





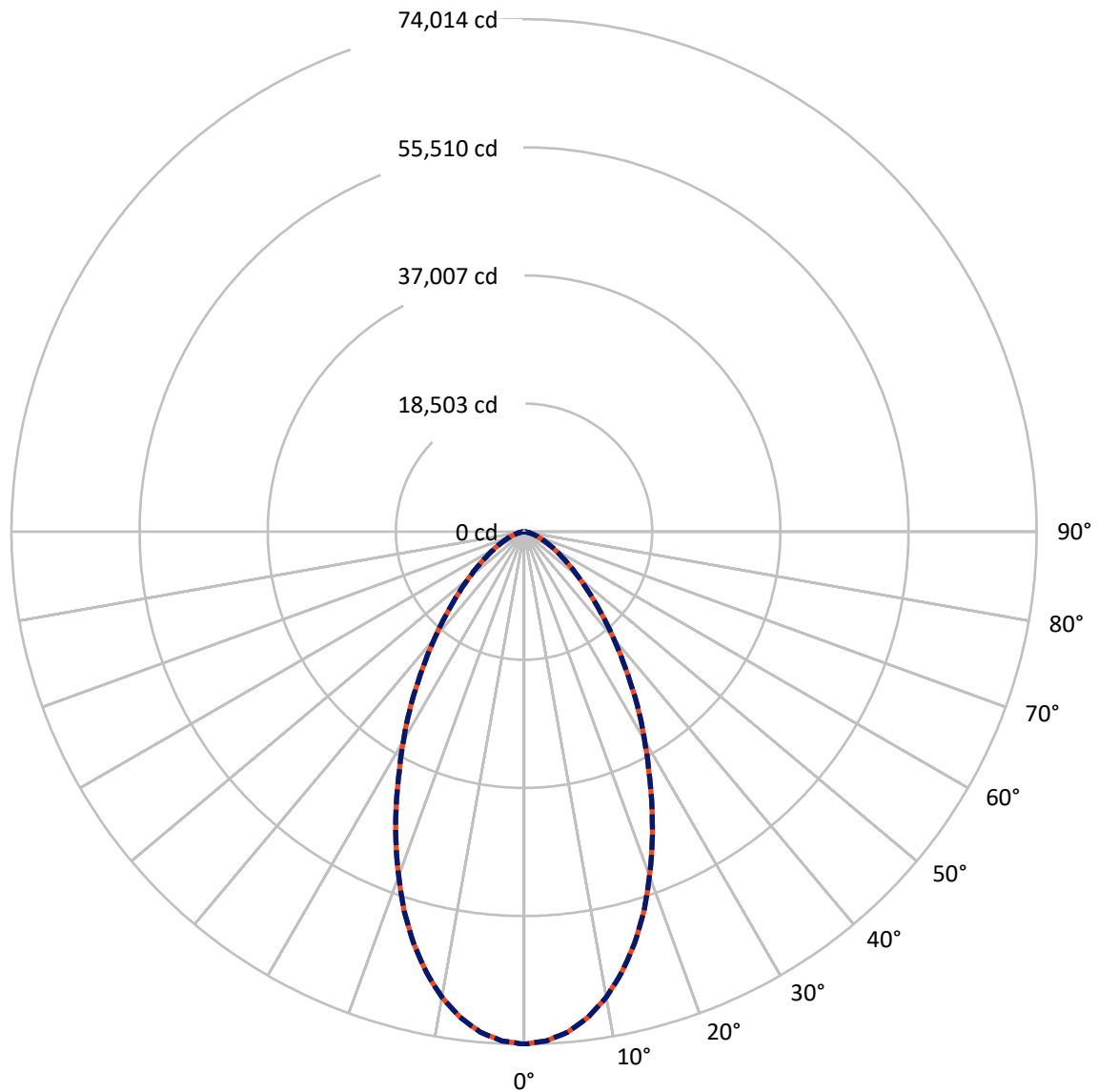
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### Lumen Table

90																			
80	1.0	11.3		38.3		70.1		84.0		70.1		38.3		11.3		1.0			
70	5.4	7.4	18.5	34.9	54.9	75.4	92.5	102.1	102.1	92.5	75.4	54.9	34.9	18.5	7.4	5.4			
60		13.8	34.6	66.5	108.1	154.6	196.6	221.3	221.3	196.6	154.6	108.1	66.5	34.6	13.8				
50	12.7	21.2	54.2	109.1	189.2	287.6	382.2	441.0	441.0	382.2	287.6	189.2	109.1	54.2	21.2	12.7			
40		28.9	76.4	163.9	304.5	491.2	681.1	803.5	803.5	681.1	491.2	304.5	163.9	76.4	28.9				
30	19.2	35.9	99.0	225.7	445.1	753.4	1075.9	1290.7	1290.7	1075.9	753.4	445.1	225.7	99.0	35.9	19.2			
20		41.4	118.3	282.0	580.1	1011.1	1484.5	1803.7	1803.7	1484.5	1011.1	580.1	282.0	118.3	41.4				
10	21.7	44.4	129.2	315.8	664.1	1177.3	1750.3	2123.6	2123.6	1750.3	1177.3	664.1	315.8	129.2	44.4	21.7			
0		44.4	129.2	315.8	664.1	1177.3	1750.3	2123.6	2123.6	1750.3	1177.3	664.1	315.8	129.2	44.4				
-10	19.2	41.4	118.3	282.0	580.1	1011.1	1484.5	1803.7	1803.7	1484.5	1011.1	580.1	282.0	118.3	41.4	19.2			
-20		35.9	99.0	225.7	445.1	753.4	1075.9	1290.7	1290.7	1075.9	753.4	445.1	225.7	99.0	35.9				
-30	12.7	28.9	76.4	163.9	304.5	491.2	681.1	803.5	803.5	681.1	491.2	304.5	163.9	76.4	28.9	12.7			
-40		21.2	54.2	109.1	189.2	287.6	382.2	441.0	441.0	382.2	287.6	189.2	109.1	54.2	21.2				
-50	5.4	13.8	34.6	66.5	108.1	154.6	196.6	221.3	221.3	196.6	154.6	108.1	66.5	34.6	13.8	5.4			
-60		7.4	18.5	34.9	54.9	75.4	92.5	102.1	102.1	92.5	75.4	54.9	34.9	18.5	7.4				
-70																			
-80	1.0	11.3		38.3		70.1		84.0		70.1		38.3		11.3		1.0			
-90																			

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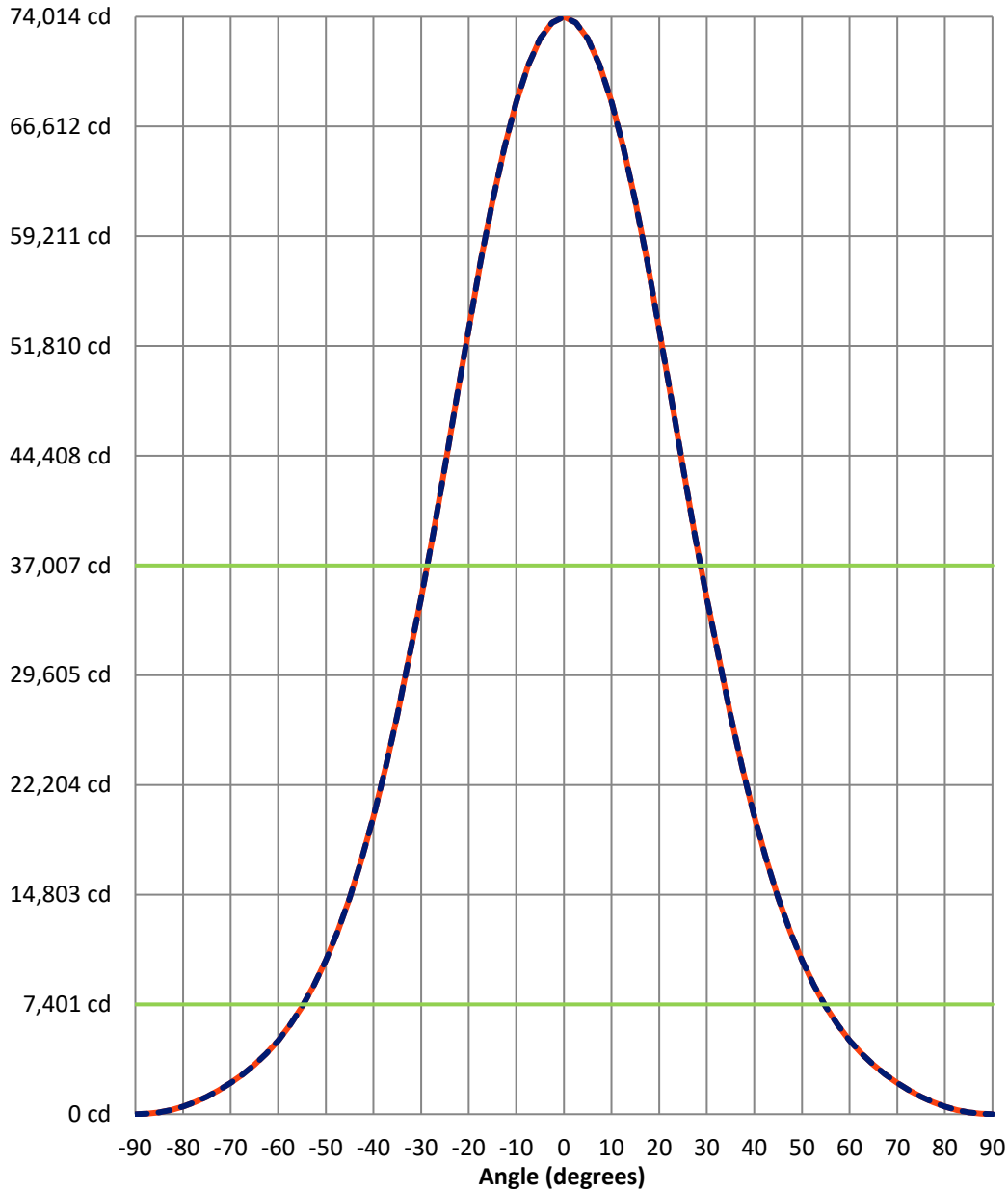
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 57.4°  
 V Angle: 57.4°  
 Lumens: 41128.6  
 Efficiency: 49.2%

**Field:**  
 H Angle: 109.4°  
 V Angle: 109.4°  
 Lumens: 75761.5  
 Efficiency: 90.7%

**Spill:**  
 Lumens: 7748.4  
 Efficiency: 9.3%

— 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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.3	12.9	14.4	15.9
85°	0.0	3.3	6.5	9.8	13.0	16.3	19.4	22.6	25.7	28.7	31.7
82.5°	0.0	4.9	9.8	14.7	19.5	24.3	29.1	33.8	39.6	50.1	60.3
80°	0.0	6.5	13.0	19.5	26.0	32.4	40.2	54.5	68.7	82.6	96.2
77.5°	0.0	8.1	16.3	24.3	32.4	44.0	62.0	79.9	97.5	114.9	139.0
75°	0.0	9.7	19.4	29.1	40.2	62.0	83.6	105.0	128.3	166.3	203.6
72.5°	0.0	11.3	22.6	33.8	54.5	79.9	105.0	135.2	180.0	224.1	267.5
70°	0.0	12.9	25.7	39.6	68.7	97.5	128.3	180.0	231.0	281.9	355.2
67.5°	0.0	14.4	28.7	50.1	82.6	114.9	166.3	224.1	281.9	365.4	447.6
65°	0.0	15.9	31.7	60.3	96.2	139.0	203.6	267.5	355.2	447.6	546.2
62.5°	0.0	17.4	34.7	70.4	109.6	169.5	240.1	324.6	427.1	533.0	661.2
60°	0.0	18.8	37.6	80.2	122.7	199.4	276.0	386.4	497.6	634.7	773.9
57.5°	0.0	20.2	43.9	89.8	145.5	228.5	325.8	446.7	582.0	734.2	900.8
55°	0.0	21.6	50.1	99.2	168.3	256.9	376.2	505.5	668.4	836.0	1032.5
52.5°	0.0	22.9	56.2	108.2	190.3	286.6	425.1	577.1	752.3	951.4	1160.7
50°	0.0	24.2	62.0	117.0	211.6	326.1	472.5	648.3	838.9	1063.4	1307.3
47.5°	0.0	25.4	67.7	127.1	232.2	364.2	520.2	717.0	935.1	1171.7	1451.7
45°	0.0	26.6	73.1	141.9	252.0	400.9	576.8	783.2	1027.7	1296.3	1591.0
42.5°	0.0	27.7	78.2	156.1	271.0	436.0	631.1	854.8	1116.6	1416.5	1740.7
40°	0.0	28.8	83.2	169.7	293.4	469.5	682.9	929.0	1207.1	1531.5	1886.7
37.5°	0.0	29.8	87.9	182.5	318.8	501.4	732.2	999.5	1304.0	1645.2	2025.8
35°	0.0	30.8	92.3	194.7	342.8	537.1	778.8	1066.3	1395.9	1763.4	2164.7
32.5°	0.0	31.7	96.5	206.1	365.4	573.5	825.6	1129.1	1482.4	1874.7	2306.3
30°	0.0	32.6	100.4	216.8	386.6	607.6	875.7	1190.7	1563.4	1979.1	2439.0
27.5°	0.0	33.3	104.0	226.7	406.1	639.2	922.3	1256.1	1642.5	2076.1	2562.5
25°	0.0	34.1	107.3	235.8	424.2	668.3	965.2	1316.4	1721.4	2173.6	2677.3
22.5°	0.0	34.7	110.3	244.1	440.6	694.8	1004.3	1371.4	1793.4	2266.4	2798.7
20°	0.0	35.3	113.0	251.5	455.4	718.6	1039.5	1420.9	1858.4	2350.2	2908.3
17.5°	0.0	35.9	115.4	258.1	468.5	739.8	1070.7	1464.9	1916.1	2424.7	3005.8
15°	0.0	36.3	117.5	263.9	479.9	758.3	1098.0	1503.3	1966.4	2489.7	3090.9
12.5°	0.0	36.7	119.3	268.8	489.6	773.9	1121.1	1535.9	2009.2	2545.0	3163.4
10°	0.0	37.0	120.8	272.8	497.6	786.8	1140.1	1562.7	2044.4	2590.5	3223.0
7.5°	0.0	37.3	121.9	276.0	503.8	796.8	1155.0	1583.6	2071.9	2626.0	3269.5
5°	0.0	37.5	122.7	278.2	508.2	804.0	1165.6	1598.6	2091.5	2651.4	3302.9
2.5°	0.0	37.6	123.2	279.6	510.9	808.4	1172.0	1607.6	2103.4	2666.7	3322.9
0°	0.0	37.6	123.4	280.0	511.8	809.8	1174.1	1610.6	2107.3	2671.8	3329.6
-2.5°	0.0	37.6	123.2	279.6	510.9	808.4	1172.0	1607.6	2103.4	2666.7	3322.9
-5°	0.0	37.5	122.7	278.2	508.2	804.0	1165.6	1598.6	2091.5	2651.4	3302.9
-7.5°	0.0	37.3	121.9	276.0	503.8	796.8	1155.0	1583.6	2071.9	2626.0	3269.5
-10°	0.0	37.0	120.8	272.8	497.6	786.8	1140.1	1562.7	2044.4	2590.5	3223.0
-12.5°	0.0	36.7	119.3	268.8	489.6	773.9	1121.1	1535.9	2009.2	2545.0	3163.4
-15°	0.0	36.3	117.5	263.9	479.9	758.3	1098.0	1503.3	1966.4	2489.7	3090.9
-17.5°	0.0	35.9	115.4	258.1	468.5	739.8	1070.7	1464.9	1916.1	2424.7	3005.8
-20°	0.0	35.3	113.0	251.5	455.4	718.6	1039.5	1420.9	1858.4	2350.2	2908.3



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	34.7	110.3	244.1	440.6	694.8	1004.3	1371.4	1793.4	2266.4	2798.7
-25°	0.0	34.1	107.3	235.8	424.2	668.3	965.2	1316.4	1721.4	2173.6	2677.3
-27.5°	0.0	33.3	104.0	226.7	406.1	639.2	922.3	1256.1	1642.5	2076.1	2562.5
-30°	0.0	32.6	100.4	216.8	386.6	607.6	875.7	1190.7	1563.4	1979.1	2439.0
-32.5°	0.0	31.7	96.5	206.1	365.4	573.5	825.6	1129.1	1482.4	1874.7	2306.3
-35°	0.0	30.8	92.3	194.7	342.8	537.1	778.8	1066.3	1395.9	1763.4	2164.7
-37.5°	0.0	29.8	87.9	182.5	318.8	501.4	732.2	999.5	1304.0	1645.2	2025.8
-40°	0.0	28.8	83.2	169.7	293.4	469.5	682.9	929.0	1207.1	1531.5	1886.7
-42.5°	0.0	27.7	78.2	156.1	271.0	436.0	631.1	854.8	1116.6	1416.5	1740.7
-45°	0.0	26.6	73.1	141.9	252.0	400.9	576.8	783.2	1027.7	1296.3	1591.0
-47.5°	0.0	25.4	67.7	127.1	232.2	364.2	520.2	717.0	935.1	1171.7	1451.7
-50°	0.0	24.2	62.0	117.0	211.6	326.1	472.5	648.3	838.9	1063.4	1307.3
-52.5°	0.0	22.9	56.2	108.2	190.3	286.6	425.1	577.1	752.3	951.4	1160.7
-55°	0.0	21.6	50.1	99.2	168.3	256.9	376.2	505.5	668.4	836.0	1032.5
-57.5°	0.0	20.2	43.9	89.8	145.5	228.5	325.8	446.7	582.0	734.2	900.8
-60°	0.0	18.8	37.6	80.2	122.7	199.4	276.0	386.4	497.6	634.7	773.9
-62.5°	0.0	17.4	34.7	70.4	109.6	169.5	240.1	324.6	427.1	533.0	661.2
-65°	0.0	15.9	31.7	60.3	96.2	139.0	203.6	267.5	355.2	447.6	546.2
-67.5°	0.0	14.4	28.7	50.1	82.6	114.9	166.3	224.1	281.9	365.4	447.6
-70°	0.0	12.9	25.7	39.6	68.7	97.5	128.3	180.0	231.0	281.9	355.2
-72.5°	0.0	11.3	22.6	33.8	54.5	79.9	105.0	135.2	180.0	224.1	267.5
-75°	0.0	9.7	19.4	29.1	40.2	62.0	83.6	105.0	128.3	166.3	203.6
-77.5°	0.0	8.1	16.3	24.3	32.4	44.0	62.0	79.9	97.5	114.9	139.0
-80°	0.0	6.5	13.0	19.5	26.0	32.4	40.2	54.5	68.7	82.6	96.2
-82.5°	0.0	4.9	9.8	14.7	19.5	24.3	29.1	33.8	39.6	50.1	60.3
-85°	0.0	3.3	6.5	9.8	13.0	16.3	19.4	22.6	25.7	28.7	31.7
-87.5°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.3	12.9	14.4	15.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.4	18.8	20.2	21.6	22.9	24.2	25.4	26.6	27.7	28.8	29.8
85°	34.7	37.6	43.9	50.1	56.2	62.0	67.7	73.1	78.2	83.2	87.9
82.5°	70.4	80.2	89.8	99.2	108.2	117.0	127.1	141.9	156.1	169.7	182.5
80°	109.6	122.7	145.5	168.3	190.3	211.6	232.2	252.0	271.0	293.4	318.8
77.5°	169.5	199.4	228.5	256.9	286.6	326.1	364.2	400.9	436.0	469.5	501.4
75°	240.1	276.0	325.8	376.2	425.1	472.5	520.2	576.8	631.1	682.9	732.2
72.5°	324.6	386.4	446.7	505.5	577.1	648.3	717.0	783.2	854.8	929.0	999.5
70°	427.1	497.6	582.0	668.4	752.3	838.9	935.1	1027.7	1116.6	1207.1	1304.0
67.5°	533.0	634.7	734.2	836.0	951.4	1063.4	1171.7	1296.3	1416.5	1531.5	1645.2
65°	661.2	773.9	900.8	1032.5	1160.7	1307.3	1451.7	1591.0	1740.7	1886.7	2025.8
62.5°	787.2	933.5	1081.6	1236.6	1405.5	1569.7	1745.1	1919.9	2088.1	2268.8	2443.6
60°	933.5	1098.0	1276.1	1464.9	1654.5	1858.4	2056.2	2266.4	2475.7	2677.3	2900.9
57.5°	1081.6	1276.1	1484.8	1700.0	1926.9	2153.4	2397.3	2633.2	2892.0	3146.8	3399.8
55°	1236.6	1464.9	1700.0	1949.8	2205.9	2476.4	2750.5	3047.4	3334.7	3653.3	3958.4
52.5°	1405.5	1654.5	1926.9	2205.9	2502.9	2812.7	3141.4	3480.6	3836.9	4193.5	4572.1
50°	1569.7	1858.4	2153.4	2476.4	2812.7	3172.9	3554.1	3948.0	4365.5	4788.8	5245.2
47.5°	1745.1	2056.2	2397.3	2750.5	3141.4	3554.1	3985.3	4452.2	4920.2	5460.2	5988.9
45°	1919.9	2266.4	2633.2	3047.4	3480.6	3948.0	4452.2	4964.2	5568.6	6171.4	6815.1
42.5°	2088.1	2475.7	2892.0	3334.7	3836.9	4365.5	4920.2	5568.6	6234.4	6942.9	7706.9
40°	2268.8	2677.3	3146.8	3653.3	4193.5	4788.8	5460.2	6171.4	6942.9	7785.6	8660.2
37.5°	2443.6	2900.9	3399.8	3958.4	4572.1	5245.2	5988.9	6815.1	7706.9	8660.2	9711.0
35°	2609.7	3113.4	3667.7	4273.1	4933.4	5717.5	6561.4	7472.1	8500.0	9617.2	10792.8
32.5°	2782.1	3314.3	3921.3	4590.1	5343.4	6186.2	7111.8	8182.5	9337.8	10568.6	11942.0
30°	2953.6	3529.9	4170.4	4888.6	5736.4	6670.4	7713.3	8878.0	10161.5	11599.1	13140.6
27.5°	3113.4	3733.3	4426.5	5211.5	6115.3	7124.4	8303.3	9602.7	11035.5	12607.7	14330.7
25°	3260.9	3921.3	4663.7	5525.9	6505.2	7609.5	8874.1	10279.0	11887.2	13652.5	15591.6
22.5°	3406.2	4094.0	4881.0	5814.3	6863.3	8077.8	9453.0	10994.4	12724.5	14629.5	16802.2
20°	3547.1	4273.1	5102.1	6082.5	7188.4	8503.4	9979.9	11662.1	13548.6	15662.4	17992.1
17.5°	3672.5	4432.7	5315.3	6348.9	7528.0	8910.2	10465.5	12261.7	14290.3	16594.2	19104.9
15°	3782.1	4572.1	5501.8	6582.1	7835.1	9292.4	10952.2	12854.9	15004.5	17443.2	20095.2
12.5°	3875.4	4691.0	5660.8	6781.3	8097.5	9619.4	11369.2	13373.0	15658.5	18228.1	21055.9
10°	3952.2	4788.8	5791.9	6945.5	8314.1	9889.5	11714.0	13802.1	16200.9	18880.3	21856.0
7.5°	4012.2	4865.3	5894.4	7074.0	8483.6	10101.2	11984.5	14139.0	16627.5	19394.0	22487.4
5°	4055.2	4920.2	5967.9	7166.2	8605.4	10253.3	12179.0	14381.5	16934.8	19764.6	22943.5
2.5°	4081.1	4953.2	6012.1	7221.7	8678.7	10344.9	12296.2	14527.7	17120.2	19988.4	23219.2
0°	4089.7	4964.2	6026.9	7240.2	8703.2	10375.5	12335.4	14576.6	17182.2	20063.2	23311.5
-2.5°	4081.1	4953.2	6012.1	7221.7	8678.7	10344.9	12296.2	14527.7	17120.2	19988.4	23219.2
-5°	4055.2	4920.2	5967.9	7166.2	8605.4	10253.3	12179.0	14381.5	16934.8	19764.6	22943.5
-7.5°	4012.2	4865.3	5894.4	7074.0	8483.6	10101.2	11984.5	14139.0	16627.5	19394.0	22487.4
-10°	3952.2	4788.8	5791.9	6945.5	8314.1	9889.5	11714.0	13802.1	16200.9	18880.3	21856.0
-12.5°	3875.4	4691.0	5660.8	6781.3	8097.5	9619.4	11369.2	13373.0	15658.5	18228.1	21055.9
-15°	3782.1	4572.1	5501.8	6582.1	7835.1	9292.4	10952.2	12854.9	15004.5	17443.2	20095.2
-17.5°	3672.5	4432.7	5315.3	6348.9	7528.0	8910.2	10465.5	12261.7	14290.3	16594.2	19104.9
-20°	3547.1	4273.1	5102.1	6082.5	7188.4	8503.4	9979.9	11662.1	13548.6	15662.4	17992.1



REPORT NUMBER: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-70-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3406.2	4094.0	4881.0	5814.3	6863.3	8077.8	9453.0	10994.4	12724.5	14629.5	16802.2
-25°	3260.9	3921.3	4663.7	5525.9	6505.2	7609.5	8874.1	10279.0	11887.2	13652.5	15591.6
-27.5°	3113.4	3733.3	4426.5	5211.5	6115.3	7124.4	8303.3	9602.7	11035.5	12607.7	14330.7
-30°	2953.6	3529.9	4170.4	4888.6	5736.4	6670.4	7713.3	8878.0	10161.5	11599.1	13140.6
-32.5°	2782.1	3314.3	3921.3	4590.1	5343.4	6186.2	7111.8	8182.5	9337.8	10568.6	11942.0
-35°	2609.7	3113.4	3667.7	4273.1	4933.4	5717.5	6561.4	7472.1	8500.0	9617.2	10792.8
-37.5°	2443.6	2900.9	3399.8	3958.4	4572.1	5245.2	5988.9	6815.1	7706.9	8660.2	9711.0
-40°	2268.8	2677.3	3146.8	3653.3	4193.5	4788.8	5460.2	6171.4	6942.9	7785.6	8660.2
-42.5°	2088.1	2475.7	2892.0	3334.7	3836.9	4365.5	4920.2	5568.6	6234.4	6942.9	7706.9
-45°	1919.9	2266.4	2633.2	3047.4	3480.6	3948.0	4452.2	4964.2	5568.6	6171.4	6815.1
-47.5°	1745.1	2056.2	2397.3	2750.5	3141.4	3554.1	3985.3	4452.2	4920.2	5460.2	5988.9
-50°	1569.7	1858.4	2153.4	2476.4	2812.7	3172.9	3554.1	3948.0	4365.5	4788.8	5245.2
-52.5°	1405.5	1654.5	1926.9	2205.9	2502.9	2812.7	3141.4	3480.6	3836.9	4193.5	4572.1
-55°	1236.6	1464.9	1700.0	1949.8	2205.9	2476.4	2750.5	3047.4	3334.7	3653.3	3958.4
-57.5°	1081.6	1276.1	1484.8	1700.0	1926.9	2153.4	2397.3	2633.2	2892.0	3146.8	3399.8
-60°	933.5	1098.0	1276.1	1464.9	1654.5	1858.4	2056.2	2266.4	2475.7	2677.3	2900.9
-62.5°	787.2	933.5	1081.6	1236.6	1405.5	1569.7	1745.1	1919.9	2088.1	2268.8	2443.6
-65°	661.2	773.9	900.8	1032.5	1160.7	1307.3	1451.7	1591.0	1740.7	1886.7	2025.8
-67.5°	533.0	634.7	734.2	836.0	951.4	1063.4	1171.7	1296.3	1416.5	1531.5	1645.2
-70°	427.1	497.6	582.0	668.4	752.3	838.9	935.1	1027.7	1116.6	1207.1	1304.0
-72.5°	324.6	386.4	446.7	505.5	577.1	648.3	717.0	783.2	854.8	929.0	999.5
-75°	240.1	276.0	325.8	376.2	425.1	472.5	520.2	576.8	631.1	682.9	732.2
-77.5°	169.5	199.4	228.5	256.9	286.6	326.1	364.2	400.9	436.0	469.5	501.4
-80°	109.6	122.7	145.5	168.3	190.3	211.6	232.2	252.0	271.0	293.4	318.8
-82.5°	70.4	80.2	89.8	99.2	108.2	117.0	127.1	141.9	156.1	169.7	182.5
-85°	34.7	37.6	43.9	50.1	56.2	62.0	67.7	73.1	78.2	83.2	87.9
-87.5°	17.4	18.8	20.2	21.6	22.9	24.2	25.4	26.6	27.7	28.8	29.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.8	31.7	32.6	33.3	34.1	34.7	35.3	35.9	36.3	36.7	37.0
85°	92.3	96.5	100.4	104.0	107.3	110.3	113.0	115.4	117.5	119.3	120.8
82.5°	194.7	206.1	216.8	226.7	235.8	244.1	251.5	258.1	263.9	268.8	272.8
80°	342.8	365.4	386.6	406.1	424.2	440.6	455.4	468.5	479.9	489.6	497.6
77.5°	537.1	573.5	607.6	639.2	668.3	694.8	718.6	739.8	758.3	773.9	786.8
75°	778.8	825.6	875.7	922.3	965.2	1004.3	1039.5	1070.7	1098.0	1121.1	1140.1
72.5°	1066.3	1129.1	1190.7	1256.1	1316.4	1371.4	1420.9	1464.9	1503.3	1535.9	1562.7
70°	1395.9	1482.4	1563.4	1642.5	1721.4	1793.4	1858.4	1916.1	1966.4	2009.2	2044.4
67.5°	1763.4	1874.7	1979.1	2076.1	2173.6	2266.4	2350.2	2424.7	2489.7	2545.0	2590.5
65°	2164.7	2306.3	2439.0	2562.5	2677.3	2798.7	2908.3	3005.8	3090.9	3163.4	3223.0
62.5°	2609.7	2782.1	2953.6	3113.4	3260.9	3406.2	3547.1	3672.5	3782.1	3875.4	3952.2
60°	3113.4	3314.3	3529.9	3733.3	3921.3	4094.0	4273.1	4432.7	4572.1	4691.0	4788.8
57.5°	3667.7	3921.3	4170.4	4426.5	4663.7	4881.0	5102.1	5315.3	5501.8	5660.8	5791.9
55°	4273.1	4590.1	4888.6	5211.5	5525.9	5814.3	6082.5	6348.9	6582.1	6781.3	6945.5
52.5°	4933.4	5343.4	5736.4	6115.3	6505.2	6863.3	7188.4	7528.0	7835.1	8097.5	8314.1
50°	5717.5	6186.2	6670.4	7124.4	7609.5	8077.8	8503.4	8910.2	9292.4	9619.4	9889.5
47.5°	6561.4	7111.8	7713.3	8303.3	8874.1	9453.0	9979.9	10465.5	10952.2	11369.2	11714.0
45°	7472.1	8182.5	8878.0	9602.7	10279.0	10994.4	11662.1	12261.7	12854.9	13373.0	13802.1
42.5°	8500.0	9337.8	10161.5	11035.5	11887.2	12724.5	13548.6	14290.3	15004.5	15658.5	16200.9
40°	9617.2	10568.6	11599.1	12607.7	13652.5	14629.5	15662.4	16594.2	17443.2	18228.1	18880.3
37.5°	10792.8	11942.0	13140.6	14330.7	15591.6	16802.2	17992.1	19104.9	20095.2	21055.9	21856.0
35°	12057.1	13410.0	14771.1	16246.1	17685.3	19121.4	20494.0	21848.7	23053.7	24178.5	25139.9
32.5°	13410.0	14932.6	16577.5	18249.1	19891.7	21605.1	23210.7	24814.1	26254.8	27570.9	28729.4
30°	14771.1	16577.5	18438.8	20310.3	22285.2	24228.9	26133.7	27978.9	29704.7	31209.4	32470.6
27.5°	16246.1	18249.1	20310.3	22514.2	24751.7	26949.1	29210.2	31287.3	33152.8	34789.1	36277.1
25°	17685.3	19891.7	22285.2	24751.7	27251.0	29837.8	32260.3	34496.5	36656.3	38582.6	40320.2
22.5°	19121.4	21605.1	24228.9	26949.1	29837.8	32589.2	35213.8	37814.7	40287.5	42578.9	44560.4
20°	20494.0	23210.7	26133.7	29210.2	32260.3	35213.8	38207.6	41184.7	43998.8	46572.5	48782.4
17.5°	21848.7	24814.1	27978.9	31287.3	34496.5	37814.7	41184.7	44490.8	47615.7	50385.0	52784.9
15°	23053.7	26254.8	29704.7	33152.8	36656.3	40287.5	43998.8	47615.7	50934.7	53964.5	56655.0
12.5°	24178.5	27570.9	31209.4	34789.1	38582.6	42578.9	46572.5	50385.0	53964.5	57308.4	60005.6
10°	25139.9	28729.4	32470.6	36277.1	40320.2	44560.4	48782.4	52784.9	56655.0	60005.6	62946.7
7.5°	25900.4	29648.4	33474.3	37466.8	41747.9	46182.7	50541.2	54770.5	58750.1	62263.0	65214.2
5°	26450.7	30314.8	34204.3	38334.9	42794.4	47378.8	51847.9	56261.5	60272.8	63892.2	66910.0
2.5°	26783.9	30718.8	34647.7	38863.5	43433.6	48112.6	52654.2	57189.1	61231.4	64863.5	67924.7
0°	26895.4	30854.2	34796.4	39041.1	43648.7	48360.0	52926.9	57504.3	61559.4	65184.0	68274.2
-2.5°	26783.9	30718.8	34647.7	38863.5	43433.6	48112.6	52654.2	57189.1	61231.4	64863.5	67924.7
-5°	26450.7	30314.8	34204.3	38334.9	42794.4	47378.8	51847.9	56261.5	60272.8	63892.2	66910.0
-7.5°	25900.4	29648.4	33474.3	37466.8	41747.9	46182.7	50541.2	54770.5	58750.1	62263.0	65214.2
-10°	25139.9	28729.4	32470.6	36277.1	40320.2	44560.4	48782.4	52784.9	56655.0	60005.6	62946.7
-12.5°	24178.5	27570.9	31209.4	34789.1	38582.6	42578.9	46572.5	50385.0	53964.5	57308.4	60005.6
-15°	23053.7	26254.8	29704.7	33152.8	36656.3	40287.5	43998.8	47615.7	50934.7	53964.5	56655.0
-17.5°	21848.7	24814.1	27978.9	31287.3	34496.5	37814.7	41184.7	44490.8	47615.7	50385.0	52784.9
-20°	20494.0	23210.7	26133.7	29210.2	32260.3	35213.8	38207.6	41184.7	43998.8	46572.5	48782.4



REPORT NUMBER: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-70-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	19121.4	21605.1	24228.9	26949.1	29837.8	32589.2	35213.8	37814.7	40287.5	42578.9	44560.4
-25°	17685.3	19891.7	22285.2	24751.7	27251.0	29837.8	32260.3	34496.5	36656.3	38582.6	40320.2
-27.5°	16246.1	18249.1	20310.3	22514.2	24751.7	26949.1	29210.2	31287.3	33152.8	34789.1	36277.1
-30°	14771.1	16577.5	18438.8	20310.3	22285.2	24228.9	26133.7	27978.9	29704.7	31209.4	32470.6
-32.5°	13410.0	14932.6	16577.5	18249.1	19891.7	21605.1	23210.7	24814.1	26254.8	27570.9	28729.4
-35°	12057.1	13410.0	14771.1	16246.1	17685.3	19121.4	20494.0	21848.7	23053.7	24178.5	25139.9
-37.5°	10792.8	11942.0	13140.6	14330.7	15591.6	16802.2	17992.1	19104.9	20095.2	21055.9	21856.0
-40°	9617.2	10568.6	11599.1	12607.7	13652.5	14629.5	15662.4	16594.2	17443.2	18228.1	18880.3
-42.5°	8500.0	9337.8	10161.5	11035.5	11887.2	12724.5	13548.6	14290.3	15004.5	15658.5	16200.9
-45°	7472.1	8182.5	8878.0	9602.7	10279.0	10994.4	11662.1	12261.7	12854.9	13373.0	13802.1
-47.5°	6561.4	7111.8	7713.3	8303.3	8874.1	9453.0	9979.9	10465.5	10952.2	11369.2	11714.0
-50°	5717.5	6186.2	6670.4	7124.4	7609.5	8077.8	8503.4	8910.2	9292.4	9619.4	9889.5
-52.5°	4933.4	5343.4	5736.4	6115.3	6505.2	6863.3	7188.4	7528.0	7835.1	8097.5	8314.1
-55°	4273.1	4590.1	4888.6	5211.5	5525.9	5814.3	6082.5	6348.9	6582.1	6781.3	6945.5
-57.5°	3667.7	3921.3	4170.4	4426.5	4663.7	4881.0	5102.1	5315.3	5501.8	5660.8	5791.9
-60°	3113.4	3314.3	3529.9	3733.3	3921.3	4094.0	4273.1	4432.7	4572.1	4691.0	4788.8
-62.5°	2609.7	2782.1	2953.6	3113.4	3260.9	3406.2	3547.1	3672.5	3782.1	3875.4	3952.2
-65°	2164.7	2306.3	2439.0	2562.5	2677.3	2798.7	2908.3	3005.8	3090.9	3163.4	3223.0
-67.5°	1763.4	1874.7	1979.1	2076.1	2173.6	2266.4	2350.2	2424.7	2489.7	2545.0	2590.5
-70°	1395.9	1482.4	1563.4	1642.5	1721.4	1793.4	1858.4	1916.1	1966.4	2009.2	2044.4
-72.5°	1066.3	1129.1	1190.7	1256.1	1316.4	1371.4	1420.9	1464.9	1503.3	1535.9	1562.7
-75°	778.8	825.6	875.7	922.3	965.2	1004.3	1039.5	1070.7	1098.0	1121.1	1140.1
-77.5°	537.1	573.5	607.6	639.2	668.3	694.8	718.6	739.8	758.3	773.9	786.8
-80°	342.8	365.4	386.6	406.1	424.2	440.6	455.4	468.5	479.9	489.6	497.6
-82.5°	194.7	206.1	216.8	226.7	235.8	244.1	251.5	258.1	263.9	268.8	272.8
-85°	92.3	96.5	100.4	104.0	107.3	110.3	113.0	115.4	117.5	119.3	120.8
-87.5°	30.8	31.7	32.6	33.3	34.1	34.7	35.3	35.9	36.3	36.7	37.0
-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: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-70-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	37.3	37.5	37.6	37.6	37.6	37.5	37.3	37.0	36.7	36.3	35.9
85°	121.9	122.7	123.2	123.4	123.2	122.7	121.9	120.8	119.3	117.5	115.4
82.5°	276.0	278.2	279.6	280.0	279.6	278.2	276.0	272.8	268.8	263.9	258.1
80°	503.8	508.2	510.9	511.8	510.9	508.2	503.8	497.6	489.6	479.9	468.5
77.5°	796.8	804.0	808.4	809.8	808.4	804.0	796.8	786.8	773.9	758.3	739.8
75°	1155.0	1165.6	1172.0	1174.1	1172.0	1165.6	1155.0	1140.1	1121.1	1098.0	1070.7
72.5°	1583.6	1598.6	1607.6	1610.6	1607.6	1598.6	1583.6	1562.7	1535.9	1503.3	1464.9
70°	2071.9	2091.5	2103.4	2107.3	2103.4	2091.5	2071.9	2044.4	2009.2	1966.4	1916.1
67.5°	2626.0	2651.4	2666.7	2671.8	2666.7	2651.4	2626.0	2590.5	2545.0	2489.7	2424.7
65°	3269.5	3302.9	3322.9	3329.6	3322.9	3302.9	3269.5	3223.0	3163.4	3090.9	3005.8
62.5°	4012.2	4055.2	4081.1	4089.7	4081.1	4055.2	4012.2	3952.2	3875.4	3782.1	3672.5
60°	4865.3	4920.2	4953.2	4964.2	4953.2	4920.2	4865.3	4788.8	4691.0	4572.1	4432.7
57.5°	5894.4	5967.9	6012.1	6026.9	6012.1	5967.9	5894.4	5791.9	5660.8	5501.8	5315.3
55°	7074.0	7166.2	7221.7	7240.2	7221.7	7166.2	7074.0	6945.5	6781.3	6582.1	6348.9
52.5°	8483.6	8605.4	8678.7	8703.2	8678.7	8605.4	8483.6	8314.1	8097.5	7835.1	7528.0
50°	10101.2	10253.3	10344.9	10375.5	10344.9	10253.3	10101.2	9889.5	9619.4	9292.4	8910.2
47.5°	11984.5	12179.0	12296.2	12335.4	12296.2	12179.0	11984.5	11714.0	11369.2	10952.2	10465.5
45°	14139.0	14381.5	14527.7	14576.6	14527.7	14381.5	14139.0	13802.1	13373.0	12854.9	12261.7
42.5°	16627.5	16934.8	17120.2	17182.2	17120.2	16934.8	16627.5	16200.9	15658.5	15004.5	14290.3
40°	19394.0	19764.6	19988.4	20063.2	19988.4	19764.6	19394.0	18880.3	18228.1	17443.2	16594.2
37.5°	22487.4	22943.5	23219.2	23311.5	23219.2	22943.5	22487.4	21856.0	21055.9	20095.2	19104.9
35°	25900.4	26450.7	26783.9	26895.4	26783.9	26450.7	25900.4	25139.9	24178.5	23053.7	21848.7
32.5°	29648.4	30314.8	30718.8	30854.2	30718.8	30314.8	29648.4	28729.4	27570.9	26254.8	24814.1
30°	33474.3	34204.3	34647.7	34796.4	34647.7	34204.3	33474.3	32470.6	31209.4	29704.7	27978.9
27.5°	37466.8	38334.9	38863.5	39041.1	38863.5	38334.9	37466.8	36277.1	34789.1	33152.8	31287.3
25°	41747.9	42794.4	43433.6	43648.7	43433.6	42794.4	41747.9	40320.2	38582.6	36656.3	34496.5
22.5°	46182.7	47378.8	48112.6	48360.0	48112.6	47378.8	46182.7	44560.4	42578.9	40287.5	37814.7
20°	50541.2	51847.9	52654.2	52926.9	52654.2	51847.9	50541.2	48782.4	46572.5	43998.8	41184.7
17.5°	54770.5	56261.5	57189.1	57504.3	57189.1	56261.5	54770.5	52784.9	50385.0	47615.7	44490.8
15°	58750.1	60272.8	61231.4	61559.4	61231.4	60272.8	58750.1	56655.0	53964.5	50934.7	47615.7
12.5°	62263.0	63892.2	64863.5	65184.0	64863.5	63892.2	62263.0	60005.6	57308.4	53964.5	50385.0
10°	65214.2	66910.0	67924.7	68274.2	67924.7	66910.0	65214.2	62946.7	60005.6	56655.0	52784.9
7.5°	67595.9	69323.1	70396.5	70742.1	70396.5	69323.1	67595.9	65214.2	62263.0	58750.1	54770.5
5°	69323.1	71113.3	72152.4	72537.0	72152.4	71113.3	69323.1	66910.0	63892.2	60272.8	56261.5
2.5°	70396.5	72152.4	73234.6	73602.0	73234.6	72152.4	70396.5	67924.7	64863.5	61231.4	57189.1
0°	70742.1	72537.0	73602.0	74013.7	73602.0	72537.0	70742.1	68274.2	65184.0	61559.4	57504.3
-2.5°	70396.5	72152.4	73234.6	73602.0	73234.6	72152.4	70396.5	67924.7	64863.5	61231.4	57189.1
-5°	69323.1	71113.3	72152.4	72537.0	72152.4	71113.3	69323.1	66910.0	63892.2	60272.8	56261.5
-7.5°	67595.9	69323.1	70396.5	70742.1	70396.5	69323.1	67595.9	65214.2	62263.0	58750.1	54770.5
-10°	65214.2	66910.0	67924.7	68274.2	67924.7	66910.0	65214.2	62946.7	60005.6	56655.0	52784.9
-12.5°	62263.0	63892.2	64863.5	65184.0	64863.5	63892.2	62263.0	60005.6	57308.4	53964.5	50385.0
-15°	58750.1	60272.8	61231.4	61559.4	61231.4	60272.8	58750.1	56655.0	53964.5	50934.7	47615.7
-17.5°	54770.5	56261.5	57189.1	57504.3	57189.1	56261.5	54770.5	52784.9	50385.0	47615.7	44490.8
-20°	50541.2	51847.9	52654.2	52926.9	52654.2	51847.9	50541.2	48782.4	46572.5	43998.8	41184.7



REPORT NUMBER: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	46182.7	47378.8	48112.6	48360.0	48112.6	47378.8	46182.7	44560.4	42578.9	40287.5	37814.7
-25°	41747.9	42794.4	43433.6	43648.7	43433.6	42794.4	41747.9	40320.2	38582.6	36656.3	34496.5
-27.5°	37466.8	38334.9	38863.5	39041.1	38863.5	38334.9	37466.8	36277.1	34789.1	33152.8	31287.3
-30°	33474.3	34204.3	34647.7	34796.4	34647.7	34204.3	33474.3	32470.6	31209.4	29704.7	27978.9
-32.5°	29648.4	30314.8	30718.8	30854.2	30718.8	30314.8	29648.4	28729.4	27570.9	26254.8	24814.1
-35°	25900.4	26450.7	26783.9	26895.4	26783.9	26450.7	25900.4	25139.9	24178.5	23053.7	21848.7
-37.5°	22487.4	22943.5	23219.2	23311.5	23219.2	22943.5	22487.4	21856.0	21055.9	20095.2	19104.9
-40°	19394.0	19764.6	19988.4	20063.2	19988.4	19764.6	19394.0	18880.3	18228.1	17443.2	16594.2
-42.5°	16627.5	16934.8	17120.2	17182.2	17120.2	16934.8	16627.5	16200.9	15658.5	15004.5	14290.3
-45°	14139.0	14381.5	14527.7	14576.6	14527.7	14381.5	14139.0	13802.1	13373.0	12854.9	12261.7
-47.5°	11984.5	12179.0	12296.2	12335.4	12296.2	12179.0	11984.5	11714.0	11369.2	10952.2	10465.5
-50°	10101.2	10253.3	10344.9	10375.5	10344.9	10253.3	10101.2	9889.5	9619.4	9292.4	8910.2
-52.5°	8483.6	8605.4	8678.7	8703.2	8678.7	8605.4	8483.6	8314.1	8097.5	7835.1	7528.0
-55°	7074.0	7166.2	7221.7	7240.2	7221.7	7166.2	7074.0	6945.5	6781.3	6582.1	6348.9
-57.5°	5894.4	5967.9	6012.1	6026.9	6012.1	5967.9	5894.4	5791.9	5660.8	5501.8	5315.3
-60°	4865.3	4920.2	4953.2	4964.2	4953.2	4920.2	4865.3	4788.8	4691.0	4572.1	4432.7
-62.5°	4012.2	4055.2	4081.1	4089.7	4081.1	4055.2	4012.2	3952.2	3875.4	3782.1	3672.5
-65°	3269.5	3302.9	3322.9	3329.6	3322.9	3302.9	3269.5	3223.0	3163.4	3090.9	3005.8
-67.5°	2626.0	2651.4	2666.7	2671.8	2666.7	2651.4	2626.0	2590.5	2545.0	2489.7	2424.7
-70°	2071.9	2091.5	2103.4	2107.3	2103.4	2091.5	2071.9	2044.4	2009.2	1966.4	1916.1
-72.5°	1583.6	1598.6	1607.6	1610.6	1607.6	1598.6	1583.6	1562.7	1535.9	1503.3	1464.9
-75°	1155.0	1165.6	1172.0	1174.1	1172.0	1165.6	1155.0	1140.1	1121.1	1098.0	1070.7
-77.5°	796.8	804.0	808.4	809.8	808.4	804.0	796.8	786.8	773.9	758.3	739.8
-80°	503.8	508.2	510.9	511.8	510.9	508.2	503.8	497.6	489.6	479.9	468.5
-82.5°	276.0	278.2	279.6	280.0	279.6	278.2	276.0	272.8	268.8	263.9	258.1
-85°	121.9	122.7	123.2	123.4	123.2	122.7	121.9	120.8	119.3	117.5	115.4
-87.5°	37.3	37.5	37.6	37.6	37.6	37.5	37.3	37.0	36.7	36.3	35.9
-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: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-70-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	35.3	34.7	34.1	33.3	32.6	31.7	30.8	29.8	28.8	27.7	26.6
85°	113.0	110.3	107.3	104.0	100.4	96.5	92.3	87.9	83.2	78.2	73.1
82.5°	251.5	244.1	235.8	226.7	216.8	206.1	194.7	182.5	169.7	156.1	141.9
80°	455.4	440.6	424.2	406.1	386.6	365.4	342.8	318.8	293.4	271.0	252.0
77.5°	718.6	694.8	668.3	639.2	607.6	573.5	537.1	501.4	469.5	436.0	400.9
75°	1039.5	1004.3	965.2	922.3	875.7	825.6	778.8	732.2	682.9	631.1	576.8
72.5°	1420.9	1371.4	1316.4	1256.1	1190.7	1129.1	1066.3	999.5	929.0	854.8	783.2
70°	1858.4	1793.4	1721.4	1642.5	1563.4	1482.4	1395.9	1304.0	1207.1	1116.6	1027.7
67.5°	2350.2	2266.4	2173.6	2076.1	1979.1	1874.7	1763.4	1645.2	1531.5	1416.5	1296.3
65°	2908.3	2798.7	2677.3	2562.5	2439.0	2306.3	2164.7	2025.8	1886.7	1740.7	1591.0
62.5°	3547.1	3406.2	3260.9	3113.4	2953.6	2782.1	2609.7	2443.6	2268.8	2088.1	1919.9
60°	4273.1	4094.0	3921.3	3733.3	3529.9	3314.3	3113.4	2900.9	2677.3	2475.7	2266.4
57.5°	5102.1	4881.0	4663.7	4426.5	4170.4	3921.3	3667.7	3399.8	3146.8	2892.0	2633.2
55°	6082.5	5814.3	5525.9	5211.5	4888.6	4590.1	4273.1	3958.4	3653.3	3334.7	3047.4
52.5°	7188.4	6863.3	6505.2	6115.3	5736.4	5343.4	4933.4	4572.1	4193.5	3836.9	3480.6
50°	8503.4	8077.8	7609.5	7124.4	6670.4	6186.2	5717.5	5245.2	4788.8	4365.5	3948.0
47.5°	9979.9	9453.0	8874.1	8303.3	7713.3	7111.8	6561.4	5988.9	5460.2	4920.2	4452.2
45°	11662.1	10994.4	10279.0	9602.7	8878.0	8182.5	7472.1	6815.1	6171.4	5568.6	4964.2
42.5°	13548.6	12724.5	11887.2	11035.5	10161.5	9337.8	8500.0	7706.9	6942.9	6234.4	5568.6
40°	15662.4	14629.5	13652.5	12607.7	11599.1	10568.6	9617.2	8660.2	7785.6	6942.9	6171.4
37.5°	17992.1	16802.2	15591.6	14330.7	13140.6	11942.0	10792.8	9711.0	8660.2	7706.9	6815.1
35°	20494.0	19121.4	17685.3	16246.1	14771.1	13410.0	12057.1	10792.8	9617.2	8500.0	7472.1
32.5°	23210.7	21605.1	19891.7	18249.1	16577.5	14932.6	13410.0	11942.0	10568.6	9337.8	8182.5
30°	26133.7	24228.9	22285.2	20310.3	18438.8	16577.5	14771.1	13140.6	11599.1	10161.5	8878.0
27.5°	29210.2	26949.1	24751.7	22514.2	20310.3	18249.1	16246.1	14330.7	12607.7	11035.5	9602.7
25°	32260.3	29837.8	27251.0	24751.7	22285.2	19891.7	17685.3	15591.6	13652.5	11887.2	10279.0
22.5°	35213.8	32589.2	29837.8	26949.1	24228.9	21605.1	19121.4	16802.2	14629.5	12724.5	10994.4
20°	38207.6	35213.8	32260.3	29210.2	26133.7	23210.7	20494.0	17992.1	15662.4	13548.6	11662.1
17.5°	41184.7	37814.7	34496.5	31287.3	27978.9	24814.1	21848.7	19104.9	16594.2	14290.3	12261.7
15°	43998.8	40287.5	36656.3	33152.8	29704.7	26254.8	23053.7	20095.2	17443.2	15004.5	12854.9
12.5°	46572.5	42578.9	38582.6	34789.1	31209.4	27570.9	24178.5	21055.9	18228.1	15658.5	13373.0
10°	48782.4	44560.4	40320.2	36277.1	32470.6	28729.4	25139.9	21856.0	18880.3	16200.9	13802.1
7.5°	50541.2	46182.7	41747.9	37466.8	33474.3	29648.4	25900.4	22487.4	19394.0	16627.5	14139.0
5°	51847.9	47378.8	42794.4	38334.9	34204.3	30314.8	26450.7	22943.5	19764.6	16934.8	14381.5
2.5°	52654.2	48112.6	43433.6	38863.5	34647.7	30718.8	26783.9	23219.2	19988.4	17120.2	14527.7
0°	52926.9	48360.0	43648.7	39041.1	34796.4	30854.2	26895.4	23311.5	20063.2	17182.2	14576.6
-2.5°	52654.2	48112.6	43433.6	38863.5	34647.7	30718.8	26783.9	23219.2	19988.4	17120.2	14527.7
-5°	51847.9	47378.8	42794.4	38334.9	34204.3	30314.8	26450.7	22943.5	19764.6	16934.8	14381.5
-7.5°	50541.2	46182.7	41747.9	37466.8	33474.3	29648.4	25900.4	22487.4	19394.0	16627.5	14139.0
-10°	48782.4	44560.4	40320.2	36277.1	32470.6	28729.4	25139.9	21856.0	18880.3	16200.9	13802.1
-12.5°	46572.5	42578.9	38582.6	34789.1	31209.4	27570.9	24178.5	21055.9	18228.1	15658.5	13373.0
-15°	43998.8	40287.5	36656.3	33152.8	29704.7	26254.8	23053.7	20095.2	17443.2	15004.5	12854.9
-17.5°	41184.7	37814.7	34496.5	31287.3	27978.9	24814.1	21848.7	19104.9	16594.2	14290.3	12261.7
-20°	38207.6	35213.8	32260.3	29210.2	26133.7	23210.7	20494.0	17992.1	15662.4	13548.6	11662.1



REPORT NUMBER: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-40-70-7F-HEG-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	35213.8	32589.2	29837.8	26949.1	24228.9	21605.1	19121.4	16802.2	14629.5	12724.5	10994.4
-25°	32260.3	29837.8	27251.0	24751.7	22285.2	19891.7	17685.3	15591.6	13652.5	11887.2	10279.0
-27.5°	29210.2	26949.1	24751.7	22514.2	20310.3	18249.1	16246.1	14330.7	12607.7	11035.5	9602.7
-30°	26133.7	24228.9	22285.2	20310.3	18438.8	16577.5	14771.1	13140.6	11599.1	10161.5	8878.0
-32.5°	23210.7	21605.1	19891.7	18249.1	16577.5	14932.6	13410.0	11942.0	10568.6	9337.8	8182.5
-35°	20494.0	19121.4	17685.3	16246.1	14771.1	13410.0	12057.1	10792.8	9617.2	8500.0	7472.1
-37.5°	17992.1	16802.2	15591.6	14330.7	13140.6	11942.0	10792.8	9711.0	8660.2	7706.9	6815.1
-40°	15662.4	14629.5	13652.5	12607.7	11599.1	10568.6	9617.2	8660.2	7785.6	6942.9	6171.4
-42.5°	13548.6	12724.5	11887.2	11035.5	10161.5	9337.8	8500.0	7706.9	6942.9	6234.4	5568.6
-45°	11662.1	10994.4	10279.0	9602.7	8878.0	8182.5	7472.1	6815.1	6171.4	5568.6	4964.2
-47.5°	9979.9	9453.0	8874.1	8303.3	7713.3	7111.8	6561.4	5988.9	5460.2	4920.2	4452.2
-50°	8503.4	8077.8	7609.5	7124.4	6670.4	6186.2	5717.5	5245.2	4788.8	4365.5	3948.0
-52.5°	7188.4	6863.3	6505.2	6115.3	5736.4	5343.4	4933.4	4572.1	4193.5	3836.9	3480.6
-55°	6082.5	5814.3	5525.9	5211.5	4888.6	4590.1	4273.1	3958.4	3653.3	3334.7	3047.4
-57.5°	5102.1	4881.0	4663.7	4426.5	4170.4	3921.3	3667.7	3399.8	3146.8	2892.0	2633.2
-60°	4273.1	4094.0	3921.3	3733.3	3529.9	3314.3	3113.4	2900.9	2677.3	2475.7	2266.4
-62.5°	3547.1	3406.2	3260.9	3113.4	2953.6	2782.1	2609.7	2443.6	2268.8	2088.1	1919.9
-65°	2908.3	2798.7	2677.3	2562.5	2439.0	2306.3	2164.7	2025.8	1886.7	1740.7	1591.0
-67.5°	2350.2	2266.4	2173.6	2076.1	1979.1	1874.7	1763.4	1645.2	1531.5	1416.5	1296.3
-70°	1858.4	1793.4	1721.4	1642.5	1563.4	1482.4	1395.9	1304.0	1207.1	1116.6	1027.7
-72.5°	1420.9	1371.4	1316.4	1256.1	1190.7	1129.1	1066.3	999.5	929.0	854.8	783.2
-75°	1039.5	1004.3	965.2	922.3	875.7	825.6	778.8	732.2	682.9	631.1	576.8
-77.5°	718.6	694.8	668.3	639.2	607.6	573.5	537.1	501.4	469.5	436.0	400.9
-80°	455.4	440.6	424.2	406.1	386.6	365.4	342.8	318.8	293.4	271.0	252.0
-82.5°	251.5	244.1	235.8	226.7	216.8	206.1	194.7	182.5	169.7	156.1	141.9
-85°	113.0	110.3	107.3	104.0	100.4	96.5	92.3	87.9	83.2	78.2	73.1
-87.5°	35.3	34.7	34.1	33.3	32.6	31.7	30.8	29.8	28.8	27.7	26.6
-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: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	25.4	24.2	22.9	21.6	20.2	18.8	17.4	15.9	14.4	12.9	11.3
85°	67.7	62.0	56.2	50.1	43.9	37.6	34.7	31.7	28.7	25.7	22.6
82.5°	127.1	117.0	108.2	99.2	89.8	80.2	70.4	60.3	50.1	39.6	33.8
80°	232.2	211.6	190.3	168.3	145.5	122.7	109.6	96.2	82.6	68.7	54.5
77.5°	364.2	326.1	286.6	256.9	228.5	199.4	169.5	139.0	114.9	97.5	79.9
75°	520.2	472.5	425.1	376.2	325.8	276.0	240.1	203.6	166.3	128.3	105.0
72.5°	717.0	648.3	577.1	505.5	446.7	386.4	324.6	267.5	224.1	180.0	135.2
70°	935.1	838.9	752.3	668.4	582.0	497.6	427.1	355.2	281.9	231.0	180.0
67.5°	1171.7	1063.4	951.4	836.0	734.2	634.7	533.0	447.6	365.4	281.9	224.1
65°	1451.7	1307.3	1160.7	1032.5	900.8	773.9	661.2	546.2	447.6	355.2	267.5
62.5°	1745.1	1569.7	1405.5	1236.6	1081.6	933.5	787.2	661.2	533.0	427.1	324.6
60°	2056.2	1858.4	1654.5	1464.9	1276.1	1098.0	933.5	773.9	634.7	497.6	386.4
57.5°	2397.3	2153.4	1926.9	1700.0	1484.8	1276.1	1081.6	900.8	734.2	582.0	446.7
55°	2750.5	2476.4	2205.9	1949.8	1700.0	1464.9	1236.6	1032.5	836.0	668.4	505.5
52.5°	3141.4	2812.7	2502.9	2205.9	1926.9	1654.5	1405.5	1160.7	951.4	752.3	577.1
50°	3554.1	3172.9	2812.7	2476.4	2153.4	1858.4	1569.7	1307.3	1063.4	838.9	648.3
47.5°	3985.3	3554.1	3141.4	2750.5	2397.3	2056.2	1745.1	1451.7	1171.7	935.1	717.0
45°	4452.2	3948.0	3480.6	3047.4	2633.2	2266.4	1919.9	1591.0	1296.3	1027.7	783.2
42.5°	4920.2	4365.5	3836.9	3334.7	2892.0	2475.7	2088.1	1740.7	1416.5	1116.6	854.8
40°	5460.2	4788.8	4193.5	3653.3	3146.8	2677.3	2268.8	1886.7	1531.5	1207.1	929.0
37.5°	5988.9	5245.2	4572.1	3958.4	3399.8	2900.9	2443.6	2025.8	1645.2	1304.0	999.5
35°	6561.4	5717.5	4933.4	4273.1	3667.7	3113.4	2609.7	2164.7	1763.4	1395.9	1066.3
32.5°	7111.8	6186.2	5343.4	4590.1	3921.3	3314.3	2782.1	2306.3	1874.7	1482.4	1129.1
30°	7713.3	6670.4	5736.4	4888.6	4170.4	3529.9	2953.6	2439.0	1979.1	1563.4	1190.7
27.5°	8303.3	7124.4	6115.3	5211.5	4426.5	3733.3	3113.4	2562.5	2076.1	1642.5	1256.1
25°	8874.1	7609.5	6505.2	5525.9	4663.7	3921.3	3260.9	2677.3	2173.6	1721.4	1316.4
22.5°	9453.0	8077.8	6863.3	5814.3	4881.0	4094.0	3406.2	2798.7	2266.4	1793.4	1371.4
20°	9979.9	8503.4	7188.4	6082.5	5102.1	4273.1	3547.1	2908.3	2350.2	1858.4	1420.9
17.5°	10465.5	8910.2	7528.0	6348.9	5315.3	4432.7	3672.5	3005.8	2424.7	1916.1	1464.9
15°	10952.2	9292.4	7835.1	6582.1	5501.8	4572.1	3782.1	3090.9	2489.7	1966.4	1503.3
12.5°	11369.2	9619.4	8097.5	6781.3	5660.8	4691.0	3875.4	3163.4	2545.0	2009.2	1535.9
10°	11714.0	9889.5	8314.1	6945.5	5791.9	4788.8	3952.2	3223.0	2590.5	2044.4	1562.7
7.5°	11984.5	10101.2	8483.6	7074.0	5894.4	4865.3	4012.2	3269.5	2626.0	2071.9	1583.6
5°	12179.0	10253.3	8605.4	7166.2	5967.9	4920.2	4055.2	3302.9	2651.4	2091.5	1598.6
2.5°	12296.2	10344.9	8678.7	7221.7	6012.1	4953.2	4081.1	3322.9	2666.7	2103.4	1607.6
0°	12335.4	10375.5	8703.2	7240.2	6026.9	4964.2	4089.7	3329.6	2671.8	2107.3	1610.6
-2.5°	12296.2	10344.9	8678.7	7221.7	6012.1	4953.2	4081.1	3322.9	2666.7	2103.4	1607.6
-5°	12179.0	10253.3	8605.4	7166.2	5967.9	4920.2	4055.2	3302.9	2651.4	2091.5	1598.6
-7.5°	11984.5	10101.2	8483.6	7074.0	5894.4	4865.3	4012.2	3269.5	2626.0	2071.9	1583.6
-10°	11714.0	9889.5	8314.1	6945.5	5791.9	4788.8	3952.2	3223.0	2590.5	2044.4	1562.7
-12.5°	11369.2	9619.4	8097.5	6781.3	5660.8	4691.0	3875.4	3163.4	2545.0	2009.2	1535.9
-15°	10952.2	9292.4	7835.1	6582.1	5501.8	4572.1	3782.1	3090.9	2489.7	1966.4	1503.3
-17.5°	10465.5	8910.2	7528.0	6348.9	5315.3	4432.7	3672.5	3005.8	2424.7	1916.1	1464.9
-20°	9979.9	8503.4	7188.4	6082.5	5102.1	4273.1	3547.1	2908.3	2350.2	1858.4	1420.9



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	9453.0	8077.8	6863.3	5814.3	4881.0	4094.0	3406.2	2798.7	2266.4	1793.4	1371.4
-25°	8874.1	7609.5	6505.2	5525.9	4663.7	3921.3	3260.9	2677.3	2173.6	1721.4	1316.4
-27.5°	8303.3	7124.4	6115.3	5211.5	4426.5	3733.3	3113.4	2562.5	2076.1	1642.5	1256.1
-30°	7713.3	6670.4	5736.4	4888.6	4170.4	3529.9	2953.6	2439.0	1979.1	1563.4	1190.7
-32.5°	7111.8	6186.2	5343.4	4590.1	3921.3	3314.3	2782.1	2306.3	1874.7	1482.4	1129.1
-35°	6561.4	5717.5	4933.4	4273.1	3667.7	3113.4	2609.7	2164.7	1763.4	1395.9	1066.3
-37.5°	5988.9	5245.2	4572.1	3958.4	3399.8	2900.9	2443.6	2025.8	1645.2	1304.0	999.5
-40°	5460.2	4788.8	4193.5	3653.3	3146.8	2677.3	2268.8	1886.7	1531.5	1207.1	929.0
-42.5°	4920.2	4365.5	3836.9	3334.7	2892.0	2475.7	2088.1	1740.7	1416.5	1116.6	854.8
-45°	4452.2	3948.0	3480.6	3047.4	2633.2	2266.4	1919.9	1591.0	1296.3	1027.7	783.2
-47.5°	3985.3	3554.1	3141.4	2750.5	2397.3	2056.2	1745.1	1451.7	1171.7	935.1	717.0
-50°	3554.1	3172.9	2812.7	2476.4	2153.4	1858.4	1569.7	1307.3	1063.4	838.9	648.3
-52.5°	3141.4	2812.7	2502.9	2205.9	1926.9	1654.5	1405.5	1160.7	951.4	752.3	577.1
-55°	2750.5	2476.4	2205.9	1949.8	1700.0	1464.9	1236.6	1032.5	836.0	668.4	505.5
-57.5°	2397.3	2153.4	1926.9	1700.0	1484.8	1276.1	1081.6	900.8	734.2	582.0	446.7
-60°	2056.2	1858.4	1654.5	1464.9	1276.1	1098.0	933.5	773.9	634.7	497.6	386.4
-62.5°	1745.1	1569.7	1405.5	1236.6	1081.6	933.5	787.2	661.2	533.0	427.1	324.6
-65°	1451.7	1307.3	1160.7	1032.5	900.8	773.9	661.2	546.2	447.6	355.2	267.5
-67.5°	1171.7	1063.4	951.4	836.0	734.2	634.7	533.0	447.6	365.4	281.9	224.1
-70°	935.1	838.9	752.3	668.4	582.0	497.6	427.1	355.2	281.9	231.0	180.0
-72.5°	717.0	648.3	577.1	505.5	446.7	386.4	324.6	267.5	224.1	180.0	135.2
-75°	520.2	472.5	425.1	376.2	325.8	276.0	240.1	203.6	166.3	128.3	105.0
-77.5°	364.2	326.1	286.6	256.9	228.5	199.4	169.5	139.0	114.9	97.5	79.9
-80°	232.2	211.6	190.3	168.3	145.5	122.7	109.6	96.2	82.6	68.7	54.5
-82.5°	127.1	117.0	108.2	99.2	89.8	80.2	70.4	60.3	50.1	39.6	33.8
-85°	67.7	62.0	56.2	50.1	43.9	37.6	34.7	31.7	28.7	25.7	22.6
-87.5°	25.4	24.2	22.9	21.6	20.2	18.8	17.4	15.9	14.4	12.9	11.3
-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: P1305922 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.7	8.1	6.5	4.9	3.3	1.6	0.0
85°	19.4	16.3	13.0	9.8	6.5	3.3	0.0
82.5°	29.1	24.3	19.5	14.7	9.8	4.9	0.0
80°	40.2	32.4	26.0	19.5	13.0	6.5	0.0
77.5°	62.0	44.0	32.4	24.3	16.3	8.1	0.0
75°	83.6	62.0	40.2	29.1	19.4	9.7	0.0
72.5°	105.0	79.9	54.5	33.8	22.6	11.3	0.0
70°	128.3	97.5	68.7	39.6	25.7	12.9	0.0
67.5°	166.3	114.9	82.6	50.1	28.7	14.4	0.0
65°	203.6	139.0	96.2	60.3	31.7	15.9	0.0
62.5°	240.1	169.5	109.6	70.4	34.7	17.4	0.0
60°	276.0	199.4	122.7	80.2	37.6	18.8	0.0
57.5°	325.8	228.5	145.5	89.8	43.9	20.2	0.0
55°	376.2	256.9	168.3	99.2	50.1	21.6	0.0
52.5°	425.1	286.6	190.3	108.2	56.2	22.9	0.0
50°	472.5	326.1	211.6	117.0	62.0	24.2	0.0
47.5°	520.2	364.2	232.2	127.1	67.7	25.4	0.0
45°	576.8	400.9	252.0	141.9	73.1	26.6	0.0
42.5°	631.1	436.0	271.0	156.1	78.2	27.7	0.0
40°	682.9	469.5	293.4	169.7	83.2	28.8	0.0
37.5°	732.2	501.4	318.8	182.5	87.9	29.8	0.0
35°	778.8	537.1	342.8	194.7	92.3	30.8	0.0
32.5°	825.6	573.5	365.4	206.1	96.5	31.7	0.0
30°	875.7	607.6	386.6	216.8	100.4	32.6	0.0
27.5°	922.3	639.2	406.1	226.7	104.0	33.3	0.0
25°	965.2	668.3	424.2	235.8	107.3	34.1	0.0
22.5°	1004.3	694.8	440.6	244.1	110.3	34.7	0.0
20°	1039.5	718.6	455.4	251.5	113.0	35.3	0.0
17.5°	1070.7	739.8	468.5	258.1	115.4	35.9	0.0
15°	1098.0	758.3	479.9	263.9	117.5	36.3	0.0
12.5°	1121.1	773.9	489.6	268.8	119.3	36.7	0.0
10°	1140.1	786.8	497.6	272.8	120.8	37.0	0.0
7.5°	1155.0	796.8	503.8	276.0	121.9	37.3	0.0
5°	1165.6	804.0	508.2	278.2	122.7	37.5	0.0
2.5°	1172.0	808.4	510.9	279.6	123.2	37.6	0.0
0°	1174.1	809.8	511.8	280.0	123.4	37.6	0.0
-2.5°	1172.0	808.4	510.9	279.6	123.2	37.6	0.0
-5°	1165.6	804.0	508.2	278.2	122.7	37.5	0.0
-7.5°	1155.0	796.8	503.8	276.0	121.9	37.3	0.0
-10°	1140.1	786.8	497.6	272.8	120.8	37.0	0.0
-12.5°	1121.1	773.9	489.6	268.8	119.3	36.7	0.0
-15°	1098.0	758.3	479.9	263.9	117.5	36.3	0.0
-17.5°	1070.7	739.8	468.5	258.1	115.4	35.9	0.0
-20°	1039.5	718.6	455.4	251.5	113.0	35.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1004.3	694.8	440.6	244.1	110.3	34.7	0.0
-25°	965.2	668.3	424.2	235.8	107.3	34.1	0.0
-27.5°	922.3	639.2	406.1	226.7	104.0	33.3	0.0
-30°	875.7	607.6	386.6	216.8	100.4	32.6	0.0
-32.5°	825.6	573.5	365.4	206.1	96.5	31.7	0.0
-35°	778.8	537.1	342.8	194.7	92.3	30.8	0.0
-37.5°	732.2	501.4	318.8	182.5	87.9	29.8	0.0
-40°	682.9	469.5	293.4	169.7	83.2	28.8	0.0
-42.5°	631.1	436.0	271.0	156.1	78.2	27.7	0.0
-45°	576.8	400.9	252.0	141.9	73.1	26.6	0.0
-47.5°	520.2	364.2	232.2	127.1	67.7	25.4	0.0
-50°	472.5	326.1	211.6	117.0	62.0	24.2	0.0
-52.5°	425.1	286.6	190.3	108.2	56.2	22.9	0.0
-55°	376.2	256.9	168.3	99.2	50.1	21.6	0.0
-57.5°	325.8	228.5	145.5	89.8	43.9	20.2	0.0
-60°	276.0	199.4	122.7	80.2	37.6	18.8	0.0
-62.5°	240.1	169.5	109.6	70.4	34.7	17.4	0.0
-65°	203.6	139.0	96.2	60.3	31.7	15.9	0.0
-67.5°	166.3	114.9	82.6	50.1	28.7	14.4	0.0
-70°	128.3	97.5	68.7	39.6	25.7	12.9	0.0
-72.5°	105.0	79.9	54.5	33.8	22.6	11.3	0.0
-75°	83.6	62.0	40.2	29.1	19.4	9.7	0.0
-77.5°	62.0	44.0	32.4	24.3	16.3	8.1	0.0
-80°	40.2	32.4	26.0	19.5	13.0	6.5	0.0
-82.5°	29.1	24.3	19.5	14.7	9.8	4.9	0.0
-85°	19.4	16.3	13.0	9.8	6.5	3.3	0.0
-87.5°	9.7	8.1	6.5	4.9	3.3	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)