

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: P1306057 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

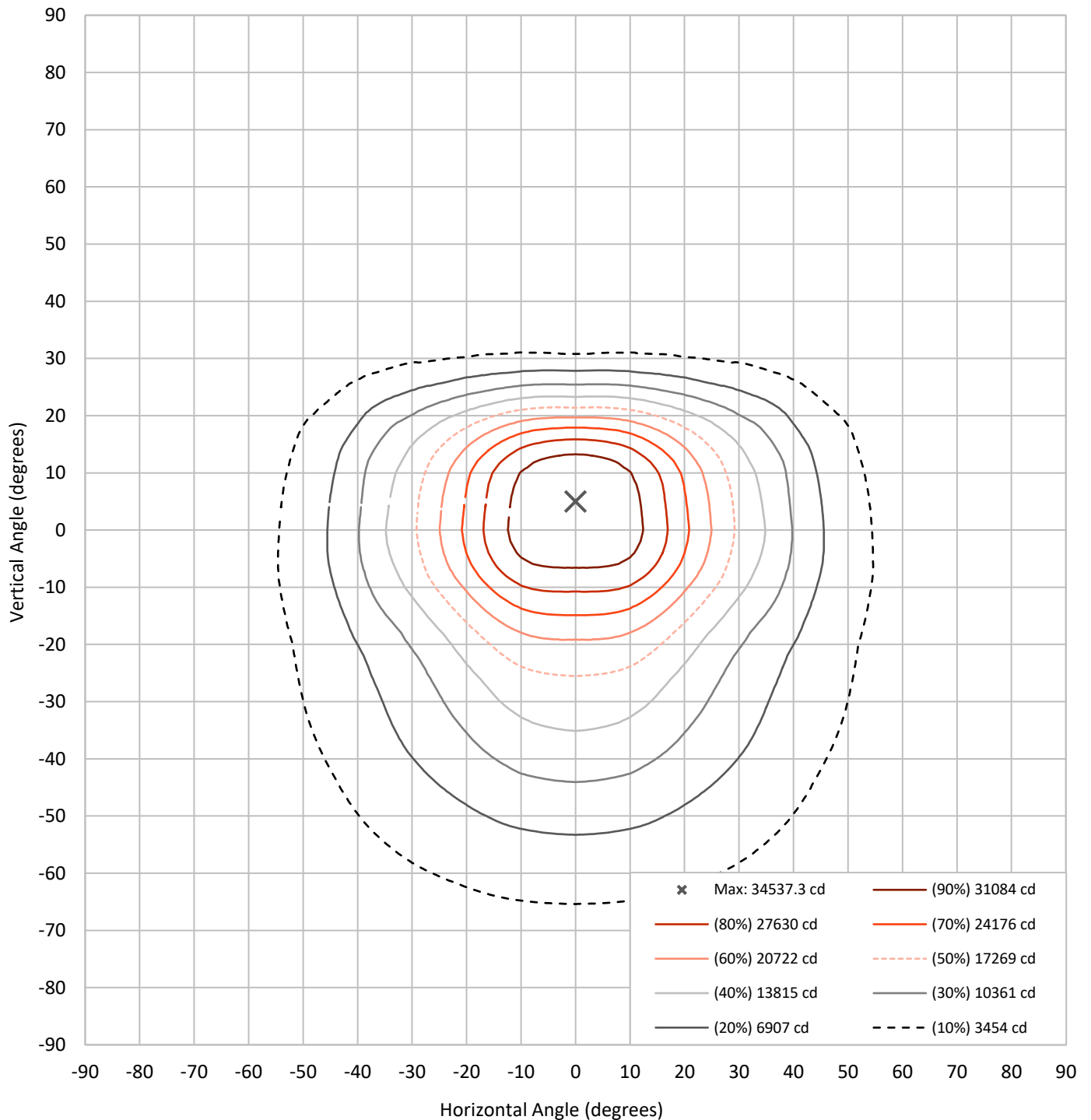
Test Method: LM-79-08
Report Number: P1306057 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-70-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	33840.7 lumens	Max Intensity:	34537.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	101.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	16276.7 lumens	Field Lumens:	31371.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
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		

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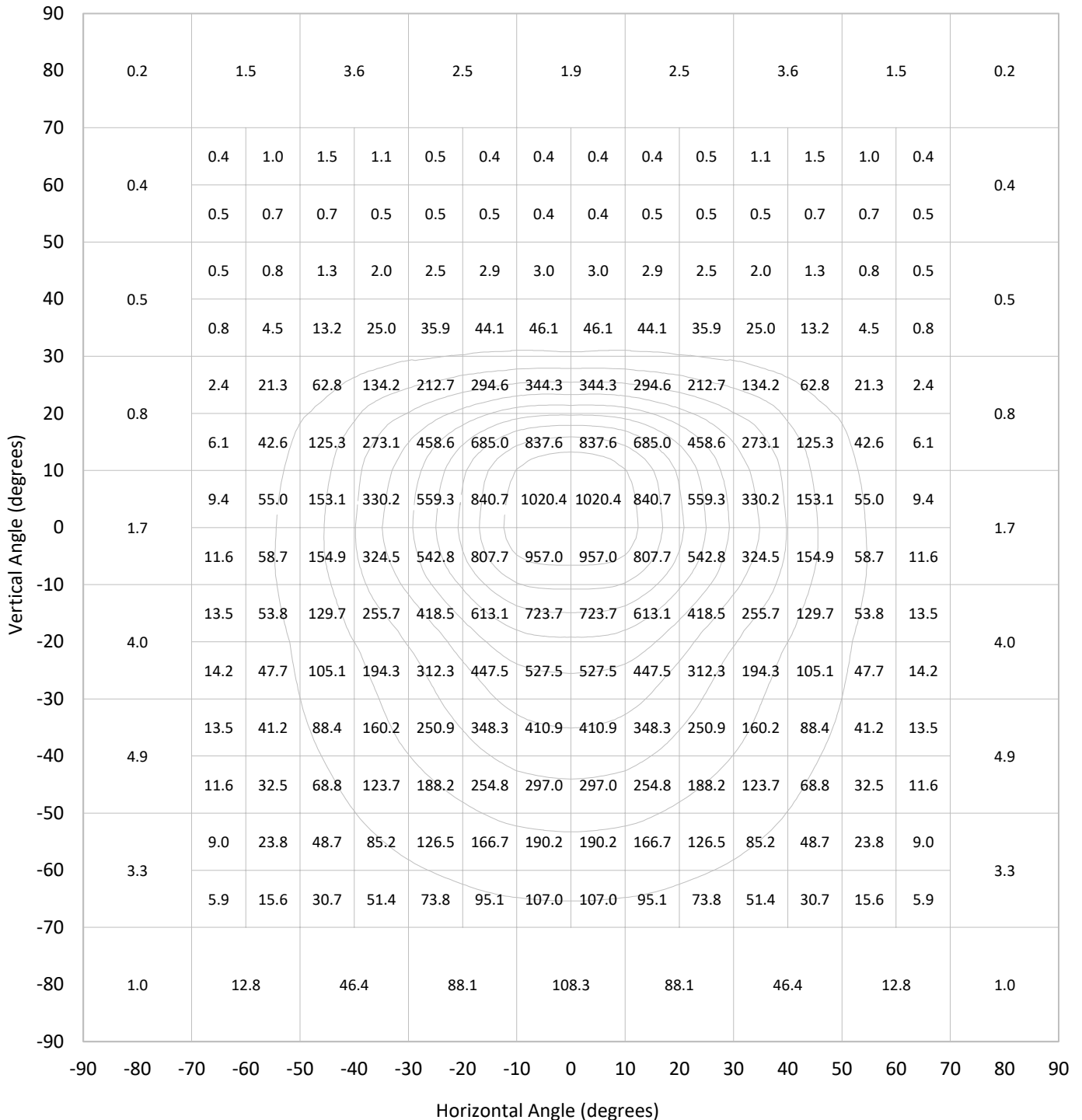
Iso-Candela Plot





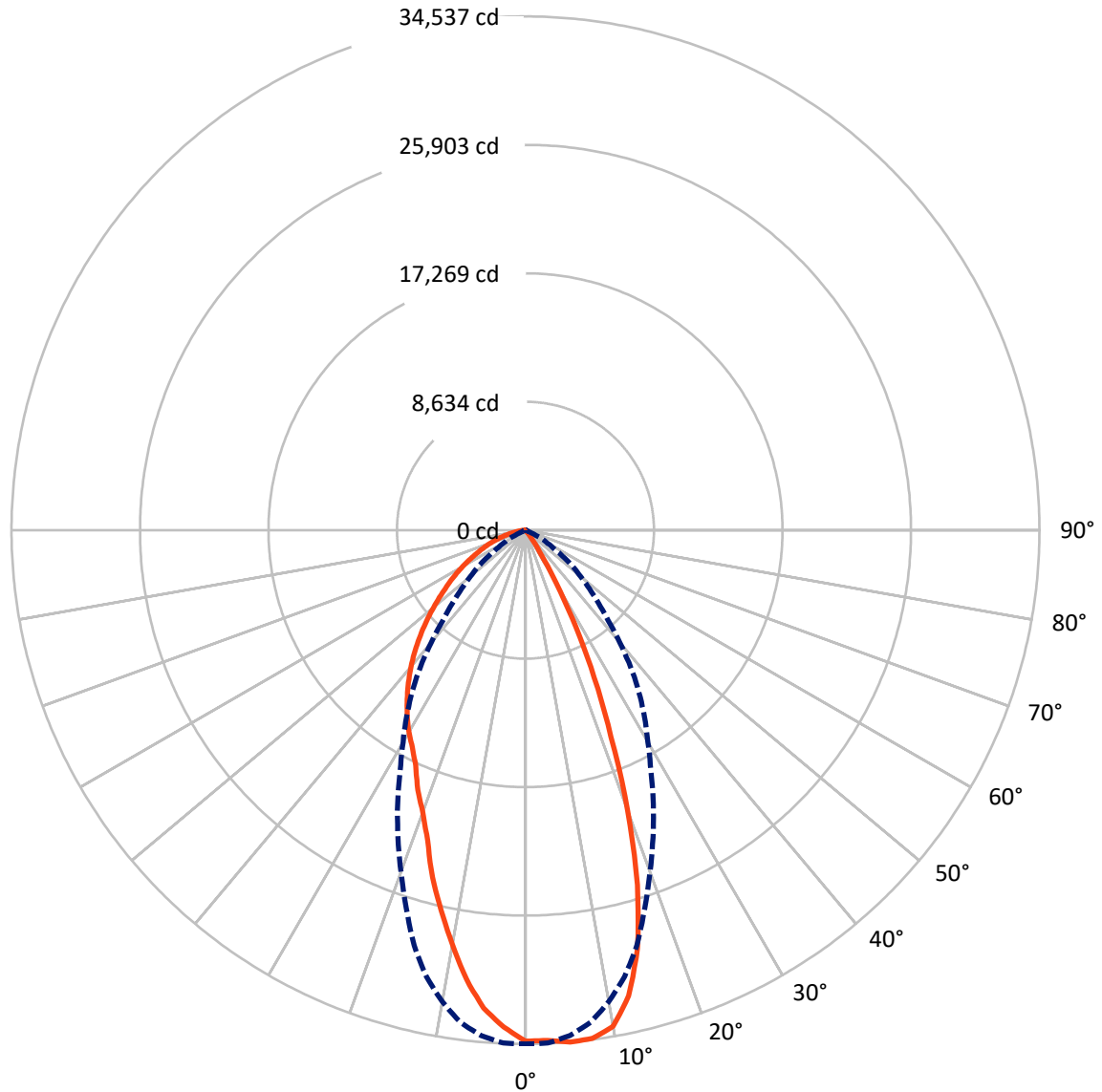
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Lumen Table



REPORT NUMBER: P1306057 (CONVERTED FROM TYPE C PHOTOMETRY)
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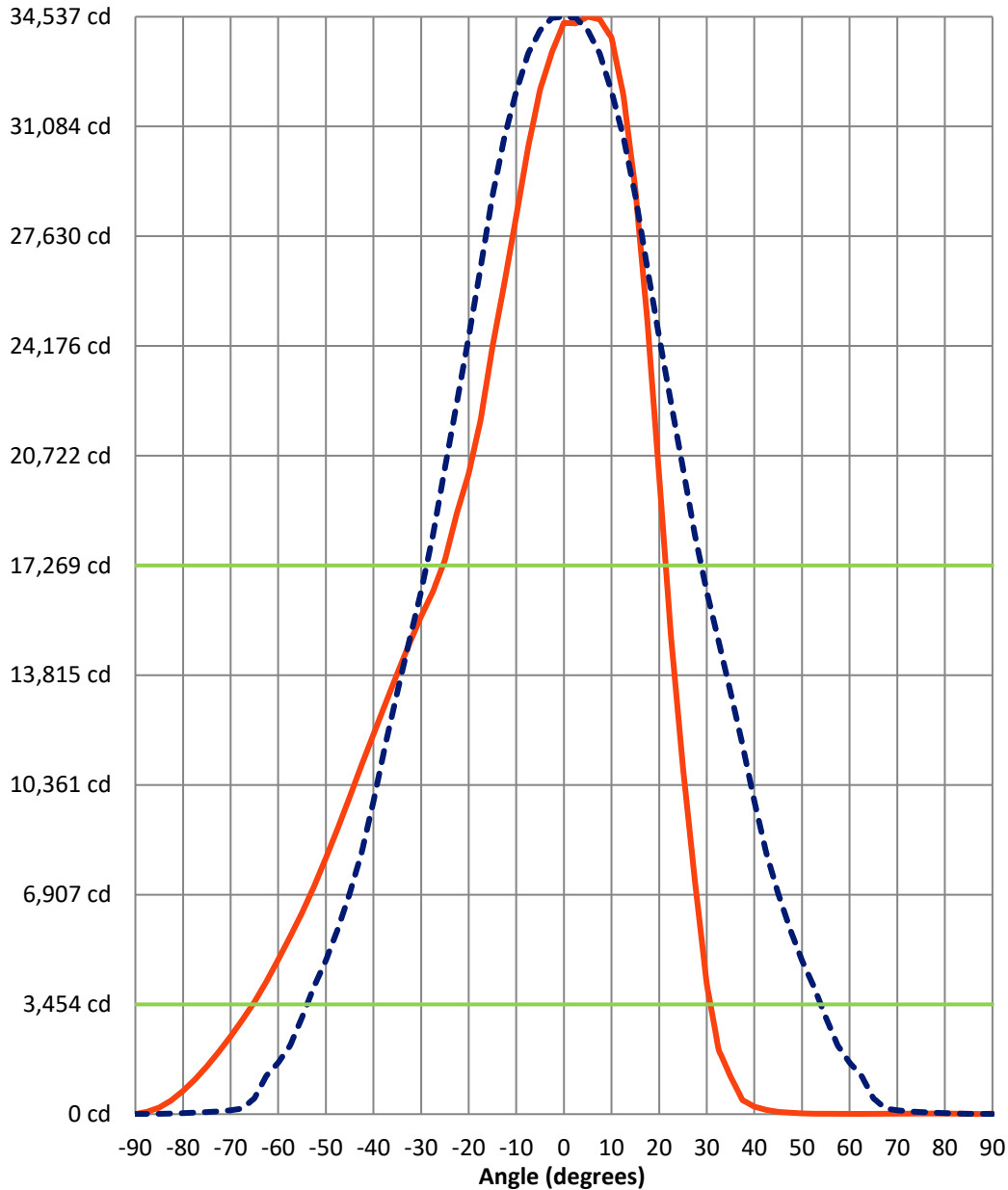
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 16276.7
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 31371.4
 Efficiency: 92.7%

Spill:
 Lumens: 2469.4
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 5-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°	4.7	5.3	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3
87.5°	4.7	5.5	6.3	6.4	6.5	6.8	7.2	7.1	7.0	6.8	6.6
85°	4.7	5.7	6.7	7.2	7.8	8.6	9.6	9.8	9.8	9.8	9.6
82.5°	4.7	5.8	7.1	7.9	9.0	10.4	12.0	12.5	12.7	13.4	14.8
80°	4.7	6.0	7.5	8.7	10.2	12.1	14.2	14.5	15.6	17.8	21.0
77.5°	4.7	6.2	7.9	9.4	11.4	13.3	14.7	16.0	18.4	22.1	25.7
75°	4.7	6.4	8.3	10.2	12.3	13.6	15.2	17.4	20.8	23.6	26.5
72.5°	4.7	6.5	8.7	10.9	12.4	13.8	15.7	18.4	21.3	24.3	27.2
70°	4.7	6.7	9.1	11.4	12.4	13.9	16.1	18.8	21.9	24.9	28.7
67.5°	4.7	6.8	9.4	11.3	12.4	14.1	16.5	19.3	22.3	26.3	30.2
65°	4.7	7.0	9.7	11.2	12.3	14.3	17.0	19.6	23.5	27.6	31.9
62.5°	4.7	7.1	10.1	11.1	12.2	14.8	17.4	20.4	24.7	29.0	34.0
60°	4.7	7.3	10.4	10.9	12.1	15.3	17.9	21.4	25.8	30.6	35.9
57.5°	4.7	7.4	10.3	10.7	12.5	15.7	18.8	22.3	26.9	32.0	36.8
55°	4.7	7.5	10.2	10.5	12.9	16.2	19.8	23.4	27.9	33.1	37.4
52.5°	4.7	7.7	10.1	10.3	13.3	16.7	20.7	24.5	28.7	33.7	38.0
50°	4.7	7.8	10.0	10.1	13.7	17.5	21.6	25.8	29.4	34.3	38.2
47.5°	4.7	7.9	10.0	10.0	14.1	18.2	22.5	27.2	30.0	35.0	38.9
45°	4.7	8.0	9.9	10.3	14.4	18.9	23.9	28.7	31.7	36.2	40.1
42.5°	4.7	8.1	9.9	10.5	14.8	19.6	25.2	30.4	33.7	37.9	42.1
40°	4.7	8.1	9.9	11.0	15.2	20.2	26.7	32.3	36.2	40.1	44.8
37.5°	4.7	8.2	9.9	11.5	15.7	20.8	28.2	34.4	39.5	44.0	48.0
35°	4.7	8.3	9.9	12.1	16.1	21.8	29.7	36.6	42.9	48.7	52.7
32.5°	4.7	8.3	9.9	12.7	16.6	22.9	31.3	38.9	46.4	54.0	61.5
30°	4.7	8.4	9.9	13.3	16.9	24.1	33.2	41.5	50.1	59.8	71.5
27.5°	4.7	8.4	10.0	13.9	18.1	25.2	35.0	44.5	54.3	66.2	82.8
25°	4.7	8.4	10.0	14.5	19.5	26.3	36.9	47.5	59.3	74.6	96.3
22.5°	4.7	8.5	10.1	15.2	20.9	28.0	38.8	50.5	64.6	84.4	141.4
20°	4.7	8.5	10.1	15.8	22.4	31.0	40.7	53.5	70.0	94.7	191.8
17.5°	4.7	8.5	10.2	16.4	24.0	34.1	44.2	56.4	75.5	105.3	246.4
15°	4.7	8.5	10.3	17.0	25.5	37.1	48.6	60.9	81.0	116.1	303.9
12.5°	4.7	8.5	10.4	17.6	27.1	40.2	53.0	67.3	89.4	126.8	362.7
10°	4.7	8.5	10.4	18.2	28.6	43.3	57.4	73.8	100.4	143.4	418.2
7.5°	4.7	8.4	10.5	18.7	30.1	46.2	61.6	80.2	111.2	160.6	463.3
5°	4.7	8.4	10.6	19.2	31.6	49.1	65.7	86.4	121.9	177.3	502.6
2.5°	4.7	8.3	10.6	19.7	33.0	51.8	69.6	92.4	132.2	193.3	535.8
0°	4.7	8.3	10.7	20.1	34.3	54.4	73.4	98.2	142.0	208.3	562.2
-2.5°	4.7	8.5	11.5	22.6	39.9	65.0	91.8	129.1	190.2	278.6	635.6
-5°	4.7	8.6	12.3	24.9	45.3	75.4	109.8	159.2	237.0	346.7	701.8
-7.5°	4.7	8.7	13.1	27.2	50.4	85.2	127.0	188.1	281.7	411.6	760.8
-10°	4.7	8.9	13.9	29.4	55.3	94.5	143.4	215.3	323.6	472.2	812.6
-12.5°	4.7	9.0	14.6	31.4	59.8	103.1	158.6	240.4	362.0	527.8	860.9
-15°	4.7	9.1	15.2	33.2	63.9	110.9	172.5	263.0	398.4	577.9	902.3
-17.5°	4.7	9.2	15.8	34.8	67.5	117.8	184.8	287.1	433.4	622.2	934.3
-20°	4.7	9.2	16.4	36.2	70.6	123.6	198.3	311.8	464.4	660.1	956.6



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 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	9.3	16.9	37.3	73.1	128.4	214.4	333.3	490.8	691.3	968.9
-25°	4.7	9.3	17.3	38.2	75.0	135.6	228.1	351.3	512.5	715.2	971.0
-27.5°	4.7	9.4	17.7	38.8	76.3	142.9	239.3	365.7	529.1	734.0	994.1
-30°	4.7	9.4	17.9	39.1	77.2	148.6	247.7	376.2	543.4	750.8	1008.6
-32.5°	4.7	9.4	18.1	39.1	80.1	152.6	253.3	385.2	554.1	760.7	1013.0
-35°	4.7	9.4	18.2	38.8	82.0	154.8	257.4	390.9	559.3	763.7	1007.0
-37.5°	4.7	9.3	18.3	38.1	82.9	155.9	259.3	392.4	559.1	759.7	977.2
-40°	4.7	9.3	18.2	37.2	82.7	156.4	258.5	389.7	553.4	752.6	945.9
-42.5°	4.7	9.2	18.0	36.3	82.3	155.3	255.1	382.8	544.6	727.0	908.5
-45°	4.7	9.1	17.8	35.9	81.7	152.5	248.9	373.3	531.6	694.8	866.4
-47.5°	4.7	9.0	17.4	35.0	80.3	148.0	240.0	362.3	512.6	658.0	824.5
-50°	4.7	8.9	17.0	34.7	78.1	141.7	231.2	347.6	480.9	621.2	777.3
-52.5°	4.7	8.8	16.5	34.3	74.9	133.9	220.5	329.5	450.0	580.3	725.6
-55°	4.7	8.6	15.9	33.6	71.0	127.2	207.4	308.4	417.7	535.3	673.5
-57.5°	4.7	8.5	15.2	32.5	66.2	119.9	192.1	288.0	382.2	491.6	616.9
-60°	4.7	8.3	14.4	31.0	60.7	111.2	175.3	262.4	345.1	445.8	558.2
-62.5°	4.7	8.1	13.9	29.1	56.9	101.5	161.3	233.9	310.5	396.5	500.0
-65°	4.7	7.9	13.3	27.0	52.5	90.6	145.6	205.9	273.8	350.9	438.1
-67.5°	4.7	7.7	12.7	24.6	47.6	80.5	128.5	181.6	235.1	304.6	380.5
-70°	4.7	7.4	12.1	21.8	42.1	71.4	110.1	156.2	203.6	256.1	323.3
-72.5°	4.7	7.2	11.4	20.0	36.2	61.5	94.7	129.7	171.0	216.6	266.4
-75°	4.7	6.9	10.7	18.3	29.9	51.0	79.0	106.7	137.3	176.0	218.2
-77.5°	4.7	6.7	9.9	16.4	25.8	40.0	62.5	84.5	108.8	136.2	168.6
-80°	4.7	6.4	9.1	14.5	22.2	32.1	45.3	61.7	80.2	101.1	124.5
-82.5°	4.7	6.1	8.4	12.5	18.4	26.0	35.2	42.4	51.0	65.4	81.6
-85°	4.7	5.9	7.5	10.4	14.5	19.7	26.0	30.8	35.9	41.4	47.1
-87.5°	4.7	5.6	6.7	8.3	10.5	13.3	16.6	19.1	21.8	24.7	27.8
-90°	4.7	5.3	5.9	5.6	5.3	5.0	4.7	4.4	4.2	3.9	3.6



REPORT NUMBER: P1306057 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.3	8.3	8.3	8.3	8.6	8.9	9.2	9.5	10.1	10.7	11.2
87.5°	7.0	7.4	7.9	8.3	7.7	7.0	6.2	5.2	5.5	5.8	6.1
85°	10.4	11.2	12.3	13.0	12.4	11.9	11.6	11.3	11.9	12.5	12.9
82.5°	16.2	17.2	17.7	17.8	18.2	18.7	19.8	21.9	23.2	24.1	24.7
80°	22.5	23.2	23.7	25.3	28.1	31.4	35.1	39.1	40.5	40.6	40.1
77.5°	26.4	27.9	30.7	34.8	39.5	44.1	49.3	54.9	56.5	56.0	54.9
75°	28.7	32.1	37.0	43.0	49.1	55.4	62.2	68.5	70.3	68.3	65.7
72.5°	30.9	36.1	42.6	50.4	57.1	63.6	70.8	78.8	81.5	77.5	72.7
70°	33.1	39.6	47.0	54.7	62.4	69.8	76.8	84.4	88.9	82.6	73.0
67.5°	35.0	42.5	50.4	58.3	65.3	72.6	80.5	83.7	85.7	75.6	64.7
65°	37.2	45.2	52.4	59.4	66.9	69.8	72.4	75.2	74.8	63.2	51.6
62.5°	39.4	46.0	52.8	58.4	60.2	61.9	61.9	60.2	57.3	49.4	39.5
60°	40.2	45.9	50.6	52.5	52.9	51.2	49.0	46.8	43.3	36.6	29.8
57.5°	40.7	43.8	46.0	46.5	44.5	41.1	39.6	36.1	33.1	29.2	23.6
55°	40.5	40.1	41.4	40.3	37.9	35.1	32.4	30.1	26.4	25.2	22.7
52.5°	39.4	37.7	37.0	35.8	34.2	31.4	28.7	26.8	25.9	24.5	22.4
50°	39.1	36.7	33.9	33.8	32.5	30.5	27.5	27.2	27.3	25.9	23.5
47.5°	39.6	36.8	33.2	33.3	33.4	34.2	31.7	30.6	31.0	34.5	30.8
45°	40.9	39.4	35.6	35.6	38.9	43.3	47.2	36.3	47.3	52.7	57.1
42.5°	43.0	43.7	45.6	38.9	51.4	67.2	74.8	78.7	74.6	91.9	109.8
40°	47.8	49.4	62.7	67.9	73.2	106.0	151.4	161.9	123.1	171.2	200.8
37.5°	53.6	70.4	93.4	121.2	118.6	187.0	258.1	312.6	307.2	290.5	416.0
35°	60.4	96.1	158.1	220.1	247.2	312.0	443.1	538.1	594.6	628.7	732.1
32.5°	79.0	126.7	239.1	370.6	483.9	548.1	671.9	880.1	1077.1	1194.8	1193.6
30°	111.6	201.8	353.4	555.5	775.7	956.2	1058.6	1326.2	1701.6	1968.7	2146.6
27.5°	159.9	293.1	529.7	822.5	1131.0	1437.5	1641.9	1989.5	2494.8	2901.8	3281.9
25°	218.8	438.1	728.2	1140.0	1593.6	1983.0	2277.0	2760.2	3400.4	4038.7	4674.7
22.5°	312.7	606.6	948.6	1487.1	2104.1	2546.8	2978.6	3567.5	4308.0	5204.1	6173.7
20°	443.4	802.5	1183.8	1759.5	2614.7	3120.7	3650.8	4353.7	5217.3	6306.4	7601.0
17.5°	584.8	987.6	1414.6	2056.2	2890.7	3591.9	4303.7	5104.8	6072.5	7336.0	8730.6
15°	733.4	1161.7	1620.7	2321.2	3149.1	3906.6	4748.8	5790.8	6932.0	8298.3	9757.2
12.5°	885.8	1324.6	1803.3	2554.7	3395.8	4191.8	5090.0	6173.6	7501.3	9104.0	10635.5
10°	1038.2	1476.4	1963.8	2756.9	3627.1	4446.7	5383.0	6491.7	7842.4	9448.2	11103.5
7.5°	1131.7	1576.6	2095.0	2928.7	3839.3	4671.0	5628.9	6747.2	8078.8	9694.3	11400.3
5°	1202.4	1621.7	2163.2	3045.7	4007.1	4837.1	5820.8	6943.0	8221.1	9844.3	11625.6
2.5°	1257.3	1654.9	2217.7	3132.7	4133.9	4927.3	5935.0	7068.3	8369.3	10030.6	11853.2
0°	1296.1	1677.3	2257.3	3192.4	4229.3	4985.6	6009.5	7143.5	8472.7	10192.6	12055.7
-2.5°	1333.8	1746.6	2337.7	3268.5	4243.0	4994.3	6037.8	7146.5	8472.7	10161.2	11971.8
-5°	1357.5	1804.4	2401.2	3316.4	4229.0	4976.4	6022.2	7103.6	8380.4	9976.9	11660.7
-7.5°	1369.8	1848.5	2447.0	3323.6	4155.9	4871.4	5834.0	6850.6	8075.6	9571.7	11124.2
-10°	1376.3	1875.1	2442.1	3223.6	4004.2	4702.7	5582.6	6556.6	7710.6	9101.8	10538.2
-12.5°	1394.4	1889.5	2420.0	3114.4	3839.5	4511.9	5303.9	6226.2	7287.1	8576.3	9894.2
-15°	1404.2	1896.8	2389.3	3001.6	3666.3	4300.6	5002.2	5862.6	6828.4	7981.6	9150.9
-17.5°	1406.9	1898.2	2351.8	2890.6	3488.9	4070.2	4705.3	5551.0	6430.4	7426.3	8423.4
-20°	1403.9	1894.6	2309.3	2786.1	3314.5	3902.9	4544.0	5281.8	6069.0	6911.1	7741.9



REPORT NUMBER: P1306057 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1396.1	1887.2	2273.5	2712.0	3230.8	3793.2	4383.0	5021.4	5698.8	6430.0	7272.5
-25°	1392.2	1860.1	2249.6	2659.5	3149.7	3677.9	4213.7	4780.9	5371.4	6137.2	6940.8
-27.5°	1386.1	1831.5	2202.6	2586.8	3056.0	3561.4	4063.9	4581.6	5187.9	5875.9	6621.6
-30°	1367.9	1762.3	2138.7	2501.5	2956.8	3443.7	3923.6	4415.7	4989.4	5638.0	6329.9
-32.5°	1316.4	1683.7	2053.8	2418.2	2837.3	3314.7	3778.7	4255.9	4788.1	5369.3	6034.8
-35°	1258.8	1602.7	1958.6	2315.0	2697.8	3158.2	3609.7	4070.9	4564.9	5110.2	5730.7
-37.5°	1216.8	1515.6	1856.6	2198.6	2566.1	2975.1	3417.9	3861.8	4329.5	4849.1	5436.0
-40°	1166.9	1422.8	1753.1	2080.5	2414.9	2792.1	3205.7	3631.8	4070.9	4589.0	5126.9
-42.5°	1111.1	1358.2	1645.9	1955.2	2270.7	2613.4	2982.5	3388.0	3828.6	4310.6	4815.5
-45°	1062.9	1285.6	1538.6	1828.1	2121.1	2431.6	2774.0	3136.4	3571.6	4020.1	4489.1
-47.5°	1008.1	1209.8	1447.7	1693.6	1969.7	2256.0	2558.8	2911.9	3298.4	3718.4	4148.6
-50°	948.8	1141.1	1344.0	1572.7	1817.3	2079.4	2355.8	2678.0	3030.8	3406.1	3801.9
-52.5°	889.2	1065.3	1252.0	1451.1	1673.3	1908.8	2164.8	2451.7	2764.0	3092.8	3442.1
-55°	823.8	988.3	1158.3	1338.8	1532.6	1746.3	1975.2	2231.7	2500.1	2798.2	3092.0
-57.5°	756.7	905.4	1062.2	1229.4	1403.6	1585.2	1792.7	2009.9	2252.5	2507.3	2766.5
-60°	686.6	819.8	961.9	1115.6	1277.4	1441.1	1609.2	1801.7	2007.6	2219.3	2451.0
-62.5°	613.0	732.6	859.7	996.0	1144.1	1292.3	1443.0	1602.1	1769.0	1959.1	2152.5
-65°	540.1	643.2	756.2	877.5	1004.4	1137.4	1272.6	1409.0	1554.9	1711.6	1874.4
-67.5°	463.3	556.3	653.6	756.5	869.2	982.2	1100.1	1223.4	1347.4	1474.4	1608.1
-70°	394.1	467.9	552.7	642.5	733.5	826.0	927.9	1033.8	1141.9	1249.8	1360.9
-72.5°	324.4	387.8	455.6	527.4	603.7	679.9	759.5	842.1	929.9	1020.7	1113.0
-75°	261.0	306.0	361.5	421.3	479.7	537.0	596.7	663.8	733.3	803.4	873.3
-77.5°	202.5	238.3	276.9	318.1	358.6	404.7	452.0	500.1	550.4	602.1	654.4
-80°	146.5	169.2	197.7	228.5	257.9	287.7	318.4	349.7	382.6	418.8	457.9
-82.5°	97.1	113.2	130.2	147.9	164.3	180.6	198.1	219.4	240.9	263.1	285.6
-85°	51.9	56.7	66.7	77.3	87.7	98.2	108.7	119.1	129.8	140.2	150.3
-87.5°	30.1	32.5	35.0	37.5	40.1	42.7	45.3	48.0	51.5	55.1	58.6
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.8	12.1	12.4	12.7	13.0	13.3	13.6	13.9	14.2	14.5	14.8
87.5°	6.5	6.0	5.5	5.0	4.5	5.9	7.4	8.9	10.4	9.6	8.8
85°	13.2	13.2	13.3	13.4	13.4	15.0	16.5	18.0	19.4	18.0	16.3
82.5°	24.8	24.4	23.6	22.3	20.7	20.3	19.8	19.0	18.1	17.3	16.6
80°	39.3	37.3	34.7	31.7	28.2	26.5	24.8	23.0	21.0	20.4	19.9
77.5°	52.8	49.2	44.8	40.1	35.1	31.9	29.1	26.0	22.8	21.8	21.3
75°	62.4	57.7	51.5	44.8	37.8	32.9	29.0	25.2	21.3	20.4	20.2
72.5°	67.3	60.9	52.9	43.6	34.7	28.8	25.2	21.9	19.0	18.0	17.6
70°	63.3	53.5	44.4	35.8	27.8	22.5	20.0	17.7	15.7	15.2	15.5
67.5°	53.5	43.6	35.3	27.9	21.6	17.3	15.8	14.6	13.7	13.4	13.3
65°	41.8	33.5	26.7	21.1	16.6	13.9	13.4	12.9	12.4	12.0	11.6
62.5°	30.9	24.5	20.3	17.0	14.6	13.0	12.6	12.1	11.5	10.9	10.5
60°	24.0	19.1	16.9	15.5	14.3	13.2	12.8	12.5	12.3	12.2	11.8
57.5°	20.9	18.4	16.4	15.6	14.9	14.4	14.1	13.9	13.5	13.0	12.5
55°	20.4	18.4	16.7	16.3	16.0	15.6	15.2	14.8	14.3	13.8	13.6
52.5°	20.4	19.6	18.3	17.7	17.9	17.5	16.5	17.0	17.1	16.6	16.3
50°	23.0	23.3	23.6	21.6	23.6	24.5	23.3	24.3	25.8	26.0	25.9
47.5°	32.7	34.9	37.7	35.5	38.1	42.1	41.7	42.0	45.5	46.0	45.8
45°	52.2	61.6	66.0	68.6	67.6	76.7	78.5	75.6	80.4	81.3	79.9
42.5°	104.4	109.6	121.4	130.7	125.3	134.8	137.6	129.0	137.4	141.1	137.1
40°	233.7	185.8	220.7	244.7	236.3	218.0	249.8	238.4	237.3	250.5	240.1
37.5°	461.5	409.6	445.3	513.9	511.4	425.0	521.4	515.1	433.0	530.3	521.8
35°	827.6	923.5	880.7	1009.0	1046.1	1065.5	1118.9	1174.2	1113.7	1193.4	1191.3
32.5°	1481.8	1680.7	1768.5	1784.2	1948.9	2083.1	2026.3	2241.5	2228.4	2282.2	2337.2
30°	2339.3	2782.6	3007.0	3012.6	3285.9	3526.3	3602.6	3872.7	4032.5	4005.9	4273.5
27.5°	3732.4	4167.9	4537.4	4852.7	5065.6	5444.8	5972.5	6238.9	6631.4	6785.3	7155.3
25°	5306.4	5847.5	6430.9	6979.6	7430.1	8109.3	8766.2	9180.3	9742.0	10182.2	10629.5
22.5°	7011.6	7729.5	8477.9	9298.7	10136.7	10965.3	11763.1	12528.4	13277.2	14104.4	14610.0
20°	8755.0	9566.3	10477.4	11589.8	12752.4	13751.6	14841.4	16041.2	17188.2	18255.9	19062.3
17.5°	10079.8	11335.4	12322.3	13525.7	14969.5	16377.1	17766.4	19348.6	20808.0	22169.2	23383.1
15°	11091.5	12407.7	13838.1	15290.7	16811.6	18487.7	20398.6	22130.0	23932.6	25533.6	27032.9
12.5°	11973.3	13309.5	14806.5	16500.6	18419.1	20218.5	22221.2	24386.4	26299.0	28179.8	29586.6
10°	12624.2	14108.5	15626.1	17329.4	19285.8	21386.7	23557.1	25745.8	27890.3	29705.8	31217.2
7.5°	12983.2	14559.6	16147.4	17926.1	19937.5	22003.9	24172.1	26457.3	28615.9	30485.6	31873.6
5°	13275.4	14878.1	16447.6	18233.3	20329.0	22381.7	24458.8	26639.9	28900.1	30744.2	32188.3
2.5°	13530.5	15094.2	16625.2	18363.8	20523.5	22585.4	24721.0	26981.9	29167.6	30946.5	32352.2
0°	13751.9	15228.0	16725.3	18448.8	20707.2	22794.0	24895.1	27107.4	29333.8	31066.7	32489.5
-2.5°	13591.8	15039.0	16514.4	18276.1	20429.9	22482.7	24595.6	26835.9	28944.8	30700.1	32079.4
-5°	13174.1	14568.2	16033.3	17790.7	19846.6	21857.3	23942.0	26099.9	28082.3	29837.2	31106.1
-7.5°	12563.5	13928.3	15387.6	17117.4	19030.6	20855.5	22718.7	24719.0	26692.2	28241.5	29450.1
-10°	11884.8	13183.7	14526.9	16048.3	17742.3	19446.8	21158.7	23018.3	24756.9	26211.7	27375.1
-12.5°	11078.9	12232.7	13469.5	14796.5	16351.7	17975.1	19607.6	21236.4	22839.9	24148.7	25202.6
-15°	10208.5	11228.8	12358.4	13641.9	15027.6	16460.2	17932.8	19488.2	20932.3	22151.4	23080.6
-17.5°	9349.9	10263.6	11411.6	12578.6	13698.4	15012.0	16476.7	17762.9	19080.8	20175.5	20996.3
-20°	8622.0	9605.0	10603.2	11600.3	12670.0	13947.2	15189.0	16401.6	17572.8	18569.5	19385.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8147.5	9011.1	9863.0	10806.0	11893.5	13020.6	14144.5	15247.0	16306.9	17253.8	18030.1
-25°	7716.0	8446.9	9290.4	10247.9	11166.2	12154.8	13216.0	14137.5	15142.9	16000.4	16664.5
-27.5°	7338.8	8062.1	8889.9	9751.1	10581.6	11472.7	12439.3	13318.8	14223.5	15048.0	15627.6
-30°	7010.4	7759.7	8538.1	9325.9	10108.1	10932.5	11772.6	12622.7	13452.8	14200.4	14757.4
-32.5°	6730.5	7433.4	8163.4	8896.6	9609.7	10360.7	11140.0	11921.5	12690.6	13344.7	13890.1
-35°	6412.3	7085.2	7763.5	8422.0	9082.5	9754.2	10477.4	11209.1	11897.2	12494.4	13026.8
-37.5°	6057.1	6705.5	7324.5	7924.0	8536.3	9157.4	9827.3	10499.5	11131.5	11672.1	12179.7
-40°	5703.7	6294.5	6855.2	7414.7	7976.0	8557.7	9163.6	9765.4	10320.2	10831.5	11304.5
-42.5°	5336.5	5853.6	6363.9	6884.7	7402.6	7927.1	8468.4	9015.8	9510.1	9976.4	10395.7
-45°	4966.0	5409.8	5860.6	6337.7	6810.5	7281.4	7750.0	8212.1	8675.0	9109.5	9463.7
-47.5°	4572.0	4972.5	5381.8	5792.0	6215.7	6645.6	7055.2	7455.1	7864.0	8252.3	8544.9
-50°	4174.4	4545.1	4915.1	5276.5	5651.1	6029.2	6402.5	6754.5	7097.0	7427.3	7656.0
-52.5°	3773.9	4116.8	4455.8	4782.7	5107.7	5429.9	5746.1	6058.4	6358.6	6641.6	6823.0
-55°	3393.6	3699.4	3997.5	4283.0	4569.8	4852.8	5131.7	5404.9	5664.0	5907.3	6047.2
-57.5°	3035.9	3302.3	3563.3	3809.1	4049.1	4282.4	4528.9	4777.1	5010.4	5219.5	5332.3
-60°	2687.4	2927.3	3151.3	3356.8	3562.7	3767.5	3975.2	4180.2	4379.8	4553.5	4650.6
-62.5°	2344.6	2549.6	2740.3	2917.1	3087.1	3256.3	3436.5	3609.4	3773.9	3907.9	3990.2
-65°	2044.3	2218.0	2360.8	2501.5	2641.2	2789.9	2939.6	3082.3	3217.4	3322.5	3391.8
-67.5°	1752.4	1895.2	2014.1	2130.9	2247.8	2366.0	2486.5	2603.2	2715.4	2800.3	2860.5
-70°	1474.7	1582.7	1675.8	1770.9	1867.8	1964.5	2061.3	2154.5	2243.4	2308.1	2356.6
-72.5°	1206.2	1289.6	1362.1	1435.9	1508.8	1583.7	1658.7	1730.7	1799.3	1845.7	1879.7
-75°	942.8	1003.3	1061.4	1117.7	1172.0	1227.7	1282.9	1335.6	1385.5	1420.7	1448.6
-77.5°	709.8	752.8	790.7	827.8	863.9	902.6	940.5	976.2	1009.5	1033.9	1054.5
-80°	497.2	525.0	549.1	571.9	593.1	617.1	640.6	662.8	683.6	697.8	709.2
-82.5°	308.6	324.9	339.4	352.8	364.9	377.5	389.1	399.7	409.2	420.3	430.7
-85°	160.1	166.8	173.0	178.7	183.9	189.1	193.7	197.8	201.5	203.5	204.9
-87.5°	62.2	63.8	65.2	66.5	67.7	69.4	70.9	72.4	73.7	74.9	76.0
-90°	3.6	3.3	3.0	2.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.1	15.4	15.4	15.4	15.4	15.4	15.1	14.8	14.5	14.2	13.9
87.5°	8.0	7.1	6.5	5.9	6.5	7.1	8.0	8.8	9.6	10.4	8.9
85°	14.7	13.0	11.8	10.7	11.8	13.0	14.7	16.3	18.0	19.4	18.0
82.5°	16.0	15.4	15.4	15.4	15.4	15.4	16.0	16.6	17.3	18.1	19.0
80°	19.4	18.9	19.5	20.1	19.5	18.9	19.4	19.9	20.4	21.0	23.0
77.5°	20.7	20.1	20.1	20.1	20.1	20.1	20.7	21.3	21.8	22.8	26.0
75°	20.1	20.1	19.5	18.9	19.5	20.1	20.1	20.2	20.4	21.3	25.2
72.5°	17.1	16.7	16.6	16.6	16.6	16.7	17.1	17.6	18.0	19.0	21.9
70°	16.0	16.5	16.0	15.4	16.0	16.5	16.0	15.5	15.2	15.7	17.7
67.5°	13.2	13.1	13.0	13.0	13.0	13.1	13.2	13.3	13.4	13.7	14.6
65°	11.2	10.8	10.7	10.7	10.7	10.8	11.2	11.6	12.0	12.4	12.9
62.5°	10.0	9.6	9.5	9.5	9.5	9.6	10.0	10.5	10.9	11.5	12.1
60°	11.4	10.8	10.2	9.5	10.2	10.8	11.4	11.8	12.2	12.3	12.5
57.5°	12.2	11.9	11.8	11.8	11.8	11.9	12.2	12.5	13.0	13.5	13.9
55°	13.3	13.1	13.0	13.0	13.0	13.1	13.3	13.6	13.8	14.3	14.8
52.5°	16.0	15.5	14.9	14.2	14.9	15.5	16.0	16.3	16.6	17.1	17.0
50°	25.3	24.1	23.5	23.7	23.5	24.1	25.3	25.9	26.0	25.8	24.3
47.5°	46.7	46.7	46.5	46.2	46.5	46.7	46.7	45.8	46.0	45.5	42.0
45°	79.5	76.3	73.3	72.2	73.3	76.3	79.5	79.9	81.3	80.4	75.6
42.5°	139.8	139.1	136.6	133.8	136.6	139.1	139.8	137.1	141.1	137.4	129.0
40°	242.9	239.6	233.9	235.6	233.9	239.6	242.9	240.1	250.5	237.3	238.4
37.5°	505.8	481.6	444.8	445.1	444.8	481.6	505.8	521.8	530.3	433.0	515.1
35°	1184.0	1203.9	1180.4	1180.1	1180.4	1203.9	1184.0	1191.3	1193.4	1113.7	1174.2
32.5°	2265.9	2233.0	2099.5	2030.0	2099.5	2233.0	2265.9	2337.2	2282.2	2228.4	2241.5
30°	4268.8	4290.0	4089.9	4094.3	4089.9	4290.0	4268.8	4273.5	4005.9	4032.5	3872.7
27.5°	7304.5	7467.0	7424.2	7353.0	7424.2	7467.0	7304.5	7155.3	6785.3	6631.4	6238.9
25°	10922.9	11045.3	10963.3	10913.5	10963.3	11045.3	10922.9	10629.5	10182.2	9742.0	9180.3
22.5°	15101.0	15271.5	15228.7	15012.6	15228.7	15271.5	15101.0	14610.0	14104.4	13277.2	12528.4
20°	19726.4	20018.3	20187.9	20078.7	20187.9	20018.3	19726.4	19062.3	18255.9	17188.2	16041.2
17.5°	24245.3	24621.7	24910.4	25007.5	24910.4	24621.7	24245.3	23383.1	22169.2	20808.0	19348.6
15°	28045.1	28583.4	28962.6	29097.1	28962.6	28583.4	28045.1	27032.9	25533.6	23932.6	22130.0
12.5°	30772.1	31472.7	31917.4	32051.0	31917.4	31472.7	30772.1	29586.6	28179.8	26299.0	24386.4
10°	32271.6	33154.9	33661.0	33872.1	33661.0	33154.9	32271.6	31217.2	29705.8	27890.3	25745.8
7.5°	33109.4	33907.2	34385.4	34456.2	34385.4	33907.2	33109.4	31873.6	30485.6	28615.9	26457.3
5°	33381.2	34106.0	34500.8	34537.3	34500.8	34106.0	33381.2	32188.3	30744.2	28900.1	26639.9
2.5°	33500.4	34112.9	34404.0	34329.6	34404.0	34112.9	33500.4	32352.2	30946.5	29167.6	26981.9
0°	33439.4	33986.9	34295.8	34342.0	34295.8	33986.9	33439.4	32489.5	31066.7	29333.8	27107.4
-2.5°	32942.9	33350.5	33569.6	33428.8	33569.6	33350.5	32942.9	32079.4	30700.1	28944.8	26835.9
-5°	31810.7	32104.0	32195.5	32246.9	32195.5	32104.0	31810.7	31106.1	29837.2	28082.3	26099.9
-7.5°	30174.3	30413.6	30504.0	30440.6	30504.0	30413.6	30174.3	29450.1	28241.5	26692.2	24719.0
-10°	28017.4	28236.7	28313.4	28269.7	28313.4	28236.7	28017.4	27375.1	26211.7	24756.9	23018.3
-12.5°	25834.1	26094.1	26153.7	26157.4	26153.7	26094.1	25834.1	25202.6	24148.7	22839.9	21236.4
-15°	23687.8	23985.0	24075.9	24155.3	24075.9	23985.0	23687.8	23080.6	22151.4	20932.3	19488.2
-17.5°	21578.9	21874.1	21950.8	21847.1	21950.8	21874.1	21578.9	20996.3	20175.5	19080.8	17762.9
-20°	19845.3	19998.4	20161.7	20160.4	20161.7	19998.4	19845.3	19385.7	18569.5	17572.8	16401.6



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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°	18413.6	18666.6	18805.7	18904.5	18805.7	18666.6	18413.6	18030.1	17253.8	16306.9	15247.0
-25°	17070.8	17285.6	17372.0	17437.9	17372.0	17285.6	17070.8	16664.5	16000.4	15142.9	14137.5
-27.5°	16036.3	16254.4	16377.7	16450.7	16377.7	16254.4	16036.3	15627.6	15048.0	14223.5	13318.8
-30°	15211.3	15425.6	15572.5	15664.8	15572.5	15425.6	15211.3	14757.4	14200.4	13452.8	12622.7
-32.5°	14322.4	14546.4	14699.6	14794.8	14699.6	14546.4	14322.4	13890.1	13344.7	12690.6	11921.5
-35°	13398.6	13622.7	13788.0	13865.6	13788.0	13622.7	13398.6	13026.8	12494.4	11897.2	11209.1
-37.5°	12501.2	12710.4	12856.5	12913.9	12856.5	12710.4	12501.2	12179.7	11672.1	11131.5	10499.5
-40°	11565.7	11763.1	11898.8	11951.6	11898.8	11763.1	11565.7	11304.5	10831.5	10320.2	9765.4
-42.5°	10622.3	10806.5	10931.8	10984.5	10931.8	10806.5	10622.3	10395.7	9976.4	9510.1	9015.8
-45°	9666.8	9830.7	9936.7	9977.2	9936.7	9830.7	9666.8	9463.7	9109.5	8675.0	8212.1
-47.5°	8726.3	8874.1	8965.2	8994.8	8965.2	8874.1	8726.3	8544.9	8252.3	7864.0	7455.1
-50°	7808.2	7929.2	8012.6	8059.6	8012.6	7929.2	7808.2	7656.0	7427.3	7097.0	6754.5
-52.5°	6959.0	7068.9	7134.4	7160.1	7134.4	7068.9	6959.0	6823.0	6641.6	6358.6	6058.4
-55°	6163.1	6258.2	6313.8	6336.2	6313.8	6258.2	6163.1	6047.2	5907.3	5664.0	5404.9
-57.5°	5428.1	5506.0	5558.5	5588.1	5558.5	5506.0	5428.1	5332.3	5219.5	5010.4	4777.1
-60°	4731.2	4795.0	4839.1	4864.9	4839.1	4795.0	4731.2	4650.6	4553.5	4379.8	4180.2
-62.5°	4058.5	4112.7	4148.4	4168.9	4148.4	4112.7	4058.5	3990.2	3907.9	3773.9	3609.4
-65°	3450.3	3497.9	3520.8	3529.7	3520.8	3497.9	3450.3	3391.8	3322.5	3217.4	3082.3
-67.5°	2912.2	2955.0	2970.5	2973.4	2970.5	2955.0	2912.2	2860.5	2800.3	2715.4	2603.2
-70°	2398.5	2433.4	2445.2	2446.7	2445.2	2433.4	2398.5	2356.6	2308.1	2243.4	2154.5
-72.5°	1907.7	1929.6	1946.6	1957.8	1946.6	1929.6	1907.7	1879.7	1845.7	1799.3	1730.7
-75°	1472.1	1490.9	1499.1	1502.1	1499.1	1490.9	1472.1	1448.6	1420.7	1385.5	1335.6
-77.5°	1072.0	1086.4	1089.7	1089.0	1089.7	1086.4	1072.0	1054.5	1033.9	1009.5	976.2
-80°	718.1	724.8	729.2	731.5	729.2	724.8	718.1	709.2	697.8	683.6	662.8
-82.5°	440.0	448.1	439.8	429.7	439.8	448.1	440.0	430.7	420.3	409.2	399.7
-85°	205.8	206.1	206.9	207.1	206.9	206.1	205.8	204.9	203.5	201.5	197.8
-87.5°	77.0	77.9	77.4	76.9	77.4	77.9	77.0	76.0	74.9	73.7	72.4
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.6	13.3	13.0	12.7	12.4	12.1	11.8	11.2	10.7	10.1	9.5
87.5°	7.4	5.9	4.5	5.0	5.5	6.0	6.5	6.1	5.8	5.5	5.2
85°	16.5	15.0	13.4	13.4	13.3	13.2	13.2	12.9	12.5	11.9	11.3
82.5°	19.8	20.3	20.7	22.3	23.6	24.4	24.8	24.7	24.1	23.2	21.9
80°	24.8	26.5	28.2	31.7	34.7	37.3	39.3	40.1	40.6	40.5	39.1
77.5°	29.1	31.9	35.1	40.1	44.8	49.2	52.8	54.9	56.0	56.5	54.9
75°	29.0	32.9	37.8	44.8	51.5	57.7	62.4	65.7	68.3	70.3	68.5
72.5°	25.2	28.8	34.7	43.6	52.9	60.9	67.3	72.7	77.5	81.5	78.8
70°	20.0	22.5	27.8	35.8	44.4	53.5	63.3	73.0	82.6	88.9	84.4
67.5°	15.8	17.3	21.6	27.9	35.3	43.6	53.5	64.7	75.6	85.7	83.7
65°	13.4	13.9	16.6	21.1	26.7	33.5	41.8	51.6	63.2	74.8	75.2
62.5°	12.6	13.0	14.6	17.0	20.3	24.5	30.9	39.5	49.4	57.3	60.2
60°	12.8	13.2	14.3	15.5	16.9	19.1	24.0	29.8	36.6	43.3	46.8
57.5°	14.1	14.4	14.9	15.6	16.4	18.4	20.9	23.6	29.2	33.1	36.1
55°	15.2	15.6	16.0	16.3	16.7	18.4	20.4	22.7	25.2	26.4	30.1
52.5°	16.5	17.5	17.9	17.7	18.3	19.6	20.4	22.4	24.5	25.9	26.8
50°	23.3	24.5	23.6	21.6	23.6	23.3	23.0	23.5	25.9	27.3	27.2
47.5°	41.7	42.1	38.1	35.5	37.7	34.9	32.7	30.8	34.5	31.0	30.6
45°	78.5	76.7	67.6	68.6	66.0	61.6	52.2	57.1	52.7	47.3	36.3
42.5°	137.6	134.8	125.3	130.7	121.4	109.6	104.4	109.8	91.9	74.6	78.7
40°	249.8	218.0	236.3	244.7	220.7	185.8	233.7	200.8	171.2	123.1	161.9
37.5°	521.4	425.0	511.4	513.9	445.3	409.6	461.5	416.0	290.5	307.2	312.6
35°	1118.9	1065.5	1046.1	1009.0	880.7	923.5	827.6	732.1	628.7	594.6	538.1
32.5°	2026.3	2083.1	1948.9	1784.2	1768.5	1680.7	1481.8	1193.6	1194.8	1077.1	880.1
30°	3602.6	3526.3	3285.9	3012.6	3007.0	2782.6	2339.3	2146.6	1968.7	1701.6	1326.2
27.5°	5972.5	5444.8	5065.6	4852.7	4537.4	4167.9	3732.4	3281.9	2901.8	2494.8	1989.5
25°	8766.2	8109.3	7430.1	6979.6	6430.9	5847.5	5306.4	4674.7	4038.7	3400.4	2760.2
22.5°	11763.1	10965.3	10136.7	9298.7	8477.9	7729.5	7011.6	6173.7	5204.1	4308.0	3567.5
20°	14841.4	13751.6	12752.4	11589.8	10477.4	9566.3	8755.0	7601.0	6306.4	5217.3	4353.7
17.5°	17766.4	16377.1	14969.5	13525.7	12322.3	11335.4	10079.8	8730.6	7336.0	6072.5	5104.8
15°	20398.6	18487.7	16811.6	15290.7	13838.1	12407.7	11091.5	9757.2	8298.3	6932.0	5790.8
12.5°	22221.2	20218.5	18419.1	16500.6	14806.5	13309.5	11973.3	10635.5	9104.0	7501.3	6173.6
10°	23557.1	21386.7	19285.8	17329.4	15626.1	14108.5	12624.2	11103.5	9448.2	7842.4	6491.7
7.5°	24172.1	22003.9	19937.5	17926.1	16147.4	14559.6	12983.2	11400.3	9694.3	8078.8	6747.2
5°	24458.8	22381.7	20329.0	18233.3	16447.6	14878.1	13275.4	11625.6	9844.3	8221.1	6943.0
2.5°	24721.0	22585.4	20523.5	18363.8	16625.2	15094.2	13530.5	11853.2	10030.6	8369.3	7068.3
0°	24895.1	22794.0	20707.2	18448.8	16725.3	15228.0	13751.9	12055.7	10192.6	8472.7	7143.5
-2.5°	24595.6	22482.7	20429.9	18276.1	16514.4	15039.0	13591.8	11971.8	10161.2	8472.7	7146.5
-5°	23942.0	21857.3	19846.6	17790.7	16033.3	14568.2	13174.1	11660.7	9976.9	8380.4	7103.6
-7.5°	22718.7	20855.5	19030.6	17117.4	15387.6	13928.3	12563.5	11124.2	9571.7	8075.6	6850.6
-10°	21158.7	19446.8	17742.3	16048.3	14526.9	13183.7	11884.8	10538.2	9101.8	7710.6	6556.6
-12.5°	19607.6	17975.1	16351.7	14796.5	13469.5	12232.7	11078.9	9894.2	8576.3	7287.1	6226.2
-15°	17932.8	16460.2	15027.6	13641.9	12358.4	11228.8	10208.5	9150.9	7981.6	6828.4	5862.6
-17.5°	16476.7	15012.0	13698.4	12578.6	11411.6	10263.6	9349.9	8423.4	7426.3	6430.4	5551.0
-20°	15189.0	13947.2	12670.0	11600.3	10603.2	9605.0	8622.0	7741.9	6911.1	6069.0	5281.8



REPORT NUMBER: P1306057 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14144.5	13020.6	11893.5	10806.0	9863.0	9011.1	8147.5	7272.5	6430.0	5698.8	5021.4
-25°	13216.0	12154.8	11166.2	10247.9	9290.4	8446.9	7716.0	6940.8	6137.2	5371.4	4780.9
-27.5°	12439.3	11472.7	10581.6	9751.1	8889.9	8062.1	7338.8	6621.6	5875.9	5187.9	4581.6
-30°	11772.6	10932.5	10108.1	9325.9	8538.1	7759.7	7010.4	6329.9	5638.0	4989.4	4415.7
-32.5°	11140.0	10360.7	9609.7	8896.6	8163.4	7433.4	6730.5	6034.8	5369.3	4788.1	4255.9
-35°	10477.4	9754.2	9082.5	8422.0	7763.5	7085.2	6412.3	5730.7	5110.2	4564.9	4070.9
-37.5°	9827.3	9157.4	8536.3	7924.0	7324.5	6705.5	6057.1	5436.0	4849.1	4329.5	3861.8
-40°	9163.6	8557.7	7976.0	7414.7	6855.2	6294.5	5703.7	5126.9	4589.0	4070.9	3631.8
-42.5°	8468.4	7927.1	7402.6	6884.7	6363.9	5853.6	5336.5	4815.5	4310.6	3828.6	3388.0
-45°	7750.0	7281.4	6810.5	6337.7	5860.6	5409.8	4966.0	4489.1	4020.1	3571.6	3136.4
-47.5°	7055.2	6645.6	6215.7	5792.0	5381.8	4972.5	4572.0	4148.6	3718.4	3298.4	2911.9
-50°	6402.5	6029.2	5651.1	5276.5	4915.1	4545.1	4174.4	3801.9	3406.1	3030.8	2678.0
-52.5°	5746.1	5429.9	5107.7	4782.7	4455.8	4116.8	3773.9	3442.1	3092.8	2764.0	2451.7
-55°	5131.7	4852.8	4569.8	4283.0	3997.5	3699.4	3393.6	3092.0	2798.2	2500.1	2231.7
-57.5°	4528.9	4282.4	4049.1	3809.1	3563.3	3302.3	3035.9	2766.5	2507.3	2252.5	2009.9
-60°	3975.2	3767.5	3562.7	3356.8	3151.3	2927.3	2687.4	2451.0	2219.3	2007.6	1801.7
-62.5°	3436.5	3256.3	3087.1	2917.1	2740.3	2549.6	2344.6	2152.5	1959.1	1769.0	1602.1
-65°	2939.6	2789.9	2641.2	2501.5	2360.8	2218.0	2044.3	1874.4	1711.6	1554.9	1409.0
-67.5°	2486.5	2366.0	2247.8	2130.9	2014.1	1895.2	1752.4	1608.1	1474.4	1347.4	1223.4
-70°	2061.3	1964.5	1867.8	1770.9	1675.8	1582.7	1474.7	1360.9	1249.8	1141.9	1033.8
-72.5°	1658.7	1583.7	1508.8	1435.9	1362.1	1289.6	1206.2	1113.0	1020.7	929.9	842.1
-75°	1282.9	1227.7	1172.0	1117.7	1061.4	1003.3	942.8	873.3	803.4	733.3	663.8
-77.5°	940.5	902.6	863.9	827.8	790.7	752.8	709.8	654.4	602.1	550.4	500.1
-80°	640.6	617.1	593.1	571.9	549.1	525.0	497.2	457.9	418.8	382.6	349.7
-82.5°	389.1	377.5	364.9	352.8	339.4	324.9	308.6	285.6	263.1	240.9	219.4
-85°	193.7	189.1	183.9	178.7	173.0	166.8	160.1	150.3	140.2	129.8	119.1
-87.5°	70.9	69.4	67.7	66.5	65.2	63.8	62.2	58.6	55.1	51.5	48.0
-90°	2.4	2.4	2.4	2.7	3.0	3.3	3.6	3.6	3.6	3.6	3.6



REPORT NUMBER: P1306057 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.2	8.9	8.6	8.3	8.3	8.3	8.3	8.3	8.0	7.7	7.4
87.5°	6.2	7.0	7.7	8.3	7.9	7.4	7.0	6.6	6.8	7.0	7.1
85°	11.6	11.9	12.4	13.0	12.3	11.2	10.4	9.6	9.8	9.8	9.8
82.5°	19.8	18.7	18.2	17.8	17.7	17.2	16.2	14.8	13.4	12.7	12.5
80°	35.1	31.4	28.1	25.3	23.7	23.2	22.5	21.0	17.8	15.6	14.5
77.5°	49.3	44.1	39.5	34.8	30.7	27.9	26.4	25.7	22.1	18.4	16.0
75°	62.2	55.4	49.1	43.0	37.0	32.1	28.7	26.5	23.6	20.8	17.4
72.5°	70.8	63.6	57.1	50.4	42.6	36.1	30.9	27.2	24.3	21.3	18.4
70°	76.8	69.8	62.4	54.7	47.0	39.6	33.1	28.7	24.9	21.9	18.8
67.5°	80.5	72.6	65.3	58.3	50.4	42.5	35.0	30.2	26.3	22.3	19.3
65°	72.4	69.8	66.9	59.4	52.4	45.2	37.2	31.9	27.6	23.5	19.6
62.5°	61.9	61.9	60.2	58.4	52.8	46.0	39.4	34.0	29.0	24.7	20.4
60°	49.0	51.2	52.9	52.5	50.6	45.9	40.2	35.9	30.6	25.8	21.4
57.5°	39.6	41.1	44.5	46.5	46.0	43.8	40.7	36.8	32.0	26.9	22.3
55°	32.4	35.1	37.9	40.3	41.4	40.1	40.5	37.4	33.1	27.9	23.4
52.5°	28.7	31.4	34.2	35.8	37.0	37.7	39.4	38.0	33.7	28.7	24.5
50°	27.5	30.5	32.5	33.8	33.9	36.7	39.1	38.2	34.3	29.4	25.8
47.5°	31.7	34.2	33.4	33.3	33.2	36.8	39.6	38.9	35.0	30.0	27.2
45°	47.2	43.3	38.9	35.6	35.6	39.4	40.9	40.1	36.2	31.7	28.7
42.5°	74.8	67.2	51.4	38.9	45.6	43.7	43.0	42.1	37.9	33.7	30.4
40°	151.4	106.0	73.2	67.9	62.7	49.4	47.8	44.8	40.1	36.2	32.3
37.5°	258.1	187.0	118.6	121.2	93.4	70.4	53.6	48.0	44.0	39.5	34.4
35°	443.1	312.0	247.2	220.1	158.1	96.1	60.4	52.7	48.7	42.9	36.6
32.5°	671.9	548.1	483.9	370.6	239.1	126.7	79.0	61.5	54.0	46.4	38.9
30°	1058.6	956.2	775.7	555.5	353.4	201.8	111.6	71.5	59.8	50.1	41.5
27.5°	1641.9	1437.5	1131.0	822.5	529.7	293.1	159.9	82.8	66.2	54.3	44.5
25°	2277.0	1983.0	1593.6	1140.0	728.2	438.1	218.8	96.3	74.6	59.3	47.5
22.5°	2978.6	2546.8	2104.1	1487.1	948.6	606.6	312.7	141.4	84.4	64.6	50.5
20°	3650.8	3120.7	2614.7	1759.5	1183.8	802.5	443.4	191.8	94.7	70.0	53.5
17.5°	4303.7	3591.9	2890.7	2056.2	1414.6	987.6	584.8	246.4	105.3	75.5	56.4
15°	4748.8	3906.6	3149.1	2321.2	1620.7	1161.7	733.4	303.9	116.1	81.0	60.9
12.5°	5090.0	4191.8	3395.8	2554.7	1803.3	1324.6	885.8	362.7	126.8	89.4	67.3
10°	5383.0	4446.7	3627.1	2756.9	1963.8	1476.4	1038.2	418.2	143.4	100.4	73.8
7.5°	5628.9	4671.0	3839.3	2928.7	2095.0	1576.6	1131.7	463.3	160.6	111.2	80.2
5°	5820.8	4837.1	4007.1	3045.7	2163.2	1621.7	1202.4	502.6	177.3	121.9	86.4
2.5°	5935.0	4927.3	4133.9	3132.7	2217.7	1654.9	1257.3	535.8	193.3	132.2	92.4
0°	6009.5	4985.6	4229.3	3192.4	2257.3	1677.3	1296.1	562.2	208.3	142.0	98.2
-2.5°	6037.8	4994.3	4243.0	3268.5	2337.7	1746.6	1333.8	635.6	278.6	190.2	129.1
-5°	6022.2	4976.4	4229.0	3316.4	2401.2	1804.4	1357.5	701.8	346.7	237.0	159.2
-7.5°	5834.0	4871.4	4155.9	3323.6	2447.0	1848.5	1369.8	760.8	411.6	281.7	188.1
-10°	5582.6	4702.7	4004.2	3223.6	2442.1	1875.1	1376.3	812.6	472.2	323.6	215.3
-12.5°	5303.9	4511.9	3839.5	3114.4	2420.0	1889.5	1394.4	860.9	527.8	362.0	240.4
-15°	5002.2	4300.6	3666.3	3001.6	2389.3	1896.8	1404.2	902.3	577.9	398.4	263.0
-17.5°	4705.3	4070.2	3488.9	2890.6	2351.8	1898.2	1406.9	934.3	622.2	433.4	287.1
-20°	4544.0	3902.9	3314.5	2786.1	2309.3	1894.6	1403.9	956.6	660.1	464.4	311.8



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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°	4383.0	3793.2	3230.8	2712.0	2273.5	1887.2	1396.1	968.9	691.3	490.8	333.3
-25°	4213.7	3677.9	3149.7	2659.5	2249.6	1860.1	1392.2	971.0	715.2	512.5	351.3
-27.5°	4063.9	3561.4	3056.0	2586.8	2202.6	1831.5	1386.1	994.1	734.0	529.1	365.7
-30°	3923.6	3443.7	2956.8	2501.5	2138.7	1762.3	1367.9	1008.6	750.8	543.4	376.2
-32.5°	3778.7	3314.7	2837.3	2418.2	2053.8	1683.7	1316.4	1013.0	760.7	554.1	385.2
-35°	3609.7	3158.2	2697.8	2315.0	1958.6	1602.7	1258.8	1007.0	763.7	559.3	390.9
-37.5°	3417.9	2975.1	2566.1	2198.6	1856.6	1515.6	1216.8	977.2	759.7	559.1	392.4
-40°	3205.7	2792.1	2414.9	2080.5	1753.1	1422.8	1166.9	945.9	752.6	553.4	389.7
-42.5°	2982.5	2613.4	2270.7	1955.2	1645.9	1358.2	1111.1	908.5	727.0	544.6	382.8
-45°	2774.0	2431.6	2121.1	1828.1	1538.6	1285.6	1062.9	866.4	694.8	531.6	373.3
-47.5°	2558.8	2256.0	1969.7	1693.6	1447.7	1209.8	1008.1	824.5	658.0	512.6	362.3
-50°	2355.8	2079.4	1817.3	1572.7	1344.0	1141.1	948.8	777.3	621.2	480.9	347.6
-52.5°	2164.8	1908.8	1673.3	1451.1	1252.0	1065.3	889.2	725.6	580.3	450.0	329.5
-55°	1975.2	1746.3	1532.6	1338.8	1158.3	988.3	823.8	673.5	535.3	417.7	308.4
-57.5°	1792.7	1585.2	1403.6	1229.4	1062.2	905.4	756.7	616.9	491.6	382.2	288.0
-60°	1609.2	1441.1	1277.4	1115.6	961.9	819.8	686.6	558.2	445.8	345.1	262.4
-62.5°	1443.0	1292.3	1144.1	996.0	859.7	732.6	613.0	500.0	396.5	310.5	233.9
-65°	1272.6	1137.4	1004.4	877.5	756.2	643.2	540.1	438.1	350.9	273.8	205.9
-67.5°	1100.1	982.2	869.2	756.5	653.6	556.3	463.3	380.5	304.6	235.1	181.6
-70°	927.9	826.0	733.5	642.5	552.7	467.9	394.1	323.3	256.1	203.6	156.2
-72.5°	759.5	679.9	603.7	527.4	455.6	387.8	324.4	266.4	216.6	171.0	129.7
-75°	596.7	537.0	479.7	421.3	361.5	306.0	261.0	218.2	176.0	137.3	106.7
-77.5°	452.0	404.7	358.6	318.1	276.9	238.3	202.5	168.6	136.2	108.8	84.5
-80°	318.4	287.7	257.9	228.5	197.7	169.2	146.5	124.5	101.1	80.2	61.7
-82.5°	198.1	180.6	164.3	147.9	130.2	113.2	97.1	81.6	65.4	51.0	42.4
-85°	108.7	98.2	87.7	77.3	66.7	56.7	51.9	47.1	41.4	35.9	30.8
-87.5°	45.3	42.7	40.1	37.5	35.0	32.5	30.1	27.8	24.7	21.8	19.1
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.9	4.2	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.1	6.8	6.5	6.2	5.9	5.3	4.7
87.5°	7.2	6.8	6.5	6.4	6.3	5.5	4.7
85°	9.6	8.6	7.8	7.2	6.7	5.7	4.7
82.5°	12.0	10.4	9.0	7.9	7.1	5.8	4.7
80°	14.2	12.1	10.2	8.7	7.5	6.0	4.7
77.5°	14.7	13.3	11.4	9.4	7.9	6.2	4.7
75°	15.2	13.6	12.3	10.2	8.3	6.4	4.7
72.5°	15.7	13.8	12.4	10.9	8.7	6.5	4.7
70°	16.1	13.9	12.4	11.4	9.1	6.7	4.7
67.5°	16.5	14.1	12.4	11.3	9.4	6.8	4.7
65°	17.0	14.3	12.3	11.2	9.7	7.0	4.7
62.5°	17.4	14.8	12.2	11.1	10.1	7.1	4.7
60°	17.9	15.3	12.1	10.9	10.4	7.3	4.7
57.5°	18.8	15.7	12.5	10.7	10.3	7.4	4.7
55°	19.8	16.2	12.9	10.5	10.2	7.5	4.7
52.5°	20.7	16.7	13.3	10.3	10.1	7.7	4.7
50°	21.6	17.5	13.7	10.1	10.0	7.8	4.7
47.5°	22.5	18.2	14.1	10.0	10.0	7.9	4.7
45°	23.9	18.9	14.4	10.3	9.9	8.0	4.7
42.5°	25.2	19.6	14.8	10.5	9.9	8.1	4.7
40°	26.7	20.2	15.2	11.0	9.9	8.1	4.7
37.5°	28.2	20.8	15.7	11.5	9.9	8.2	4.7
35°	29.7	21.8	16.1	12.1	9.9	8.3	4.7
32.5°	31.3	22.9	16.6	12.7	9.9	8.3	4.7
30°	33.2	24.1	16.9	13.3	9.9	8.4	4.7
27.5°	35.0	25.2	18.1	13.9	10.0	8.4	4.7
25°	36.9	26.3	19.5	14.5	10.0	8.4	4.7
22.5°	38.8	28.0	20.9	15.2	10.1	8.5	4.7
20°	40.7	31.0	22.4	15.8	10.1	8.5	4.7
17.5°	44.2	34.1	24.0	16.4	10.2	8.5	4.7
15°	48.6	37.1	25.5	17.0	10.3	8.5	4.7
12.5°	53.0	40.2	27.1	17.6	10.4	8.5	4.7
10°	57.4	43.3	28.6	18.2	10.4	8.5	4.7
7.5°	61.6	46.2	30.1	18.7	10.5	8.4	4.7
5°	65.7	49.1	31.6	19.2	10.6	8.4	4.7
2.5°	69.6	51.8	33.0	19.7	10.6	8.3	4.7
0°	73.4	54.4	34.3	20.1	10.7	8.3	4.7
-2.5°	91.8	65.0	39.9	22.6	11.5	8.5	4.7
-5°	109.8	75.4	45.3	24.9	12.3	8.6	4.7
-7.5°	127.0	85.2	50.4	27.2	13.1	8.7	4.7
-10°	143.4	94.5	55.3	29.4	13.9	8.9	4.7
-12.5°	158.6	103.1	59.8	31.4	14.6	9.0	4.7
-15°	172.5	110.9	63.9	33.2	15.2	9.1	4.7
-17.5°	184.8	117.8	67.5	34.8	15.8	9.2	4.7
-20°	198.3	123.6	70.6	36.2	16.4	9.2	4.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	214.4	128.4	73.1	37.3	16.9	9.3	4.7
-25°	228.1	135.6	75.0	38.2	17.3	9.3	4.7
-27.5°	239.3	142.9	76.3	38.8	17.7	9.4	4.7
-30°	247.7	148.6	77.2	39.1	17.9	9.4	4.7
-32.5°	253.3	152.6	80.1	39.1	18.1	9.4	4.7
-35°	257.4	154.8	82.0	38.8	18.2	9.4	4.7
-37.5°	259.3	155.9	82.9	38.1	18.3	9.3	4.7
-40°	258.5	156.4	82.7	37.2	18.2	9.3	4.7
-42.5°	255.1	155.3	82.3	36.3	18.0	9.2	4.7
-45°	248.9	152.5	81.7	35.9	17.8	9.1	4.7
-47.5°	240.0	148.0	80.3	35.0	17.4	9.0	4.7
-50°	231.2	141.7	78.1	34.7	17.0	8.9	4.7
-52.5°	220.5	133.9	74.9	34.3	16.5	8.8	4.7
-55°	207.4	127.2	71.0	33.6	15.9	8.6	4.7
-57.5°	192.1	119.9	66.2	32.5	15.2	8.5	4.7
-60°	175.3	111.2	60.7	31.0	14.4	8.3	4.7
-62.5°	161.3	101.5	56.9	29.1	13.9	8.1	4.7
-65°	145.6	90.6	52.5	27.0	13.3	7.9	4.7
-67.5°	128.5	80.5	47.6	24.6	12.7	7.7	4.7
-70°	110.1	71.4	42.1	21.8	12.1	7.4	4.7
-72.5°	94.7	61.5	36.2	20.0	11.4	7.2	4.7
-75°	79.0	51.0	29.9	18.3	10.7	6.9	4.7
-77.5°	62.5	40.0	25.8	16.4	9.9	6.7	4.7
-80°	45.3	32.1	22.2	14.5	9.1	6.4	4.7
-82.5°	35.2	26.0	18.4	12.5	8.4	6.1	4.7
-85°	26.0	19.7	14.5	10.4	7.5	5.9	4.7
-87.5°	16.6	13.3	10.5	8.3	6.7	5.6	4.7
-90°	4.7	5.0	5.3	5.6	5.9	5.3	4.7

(END OF REPORT)