

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: P1306299 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

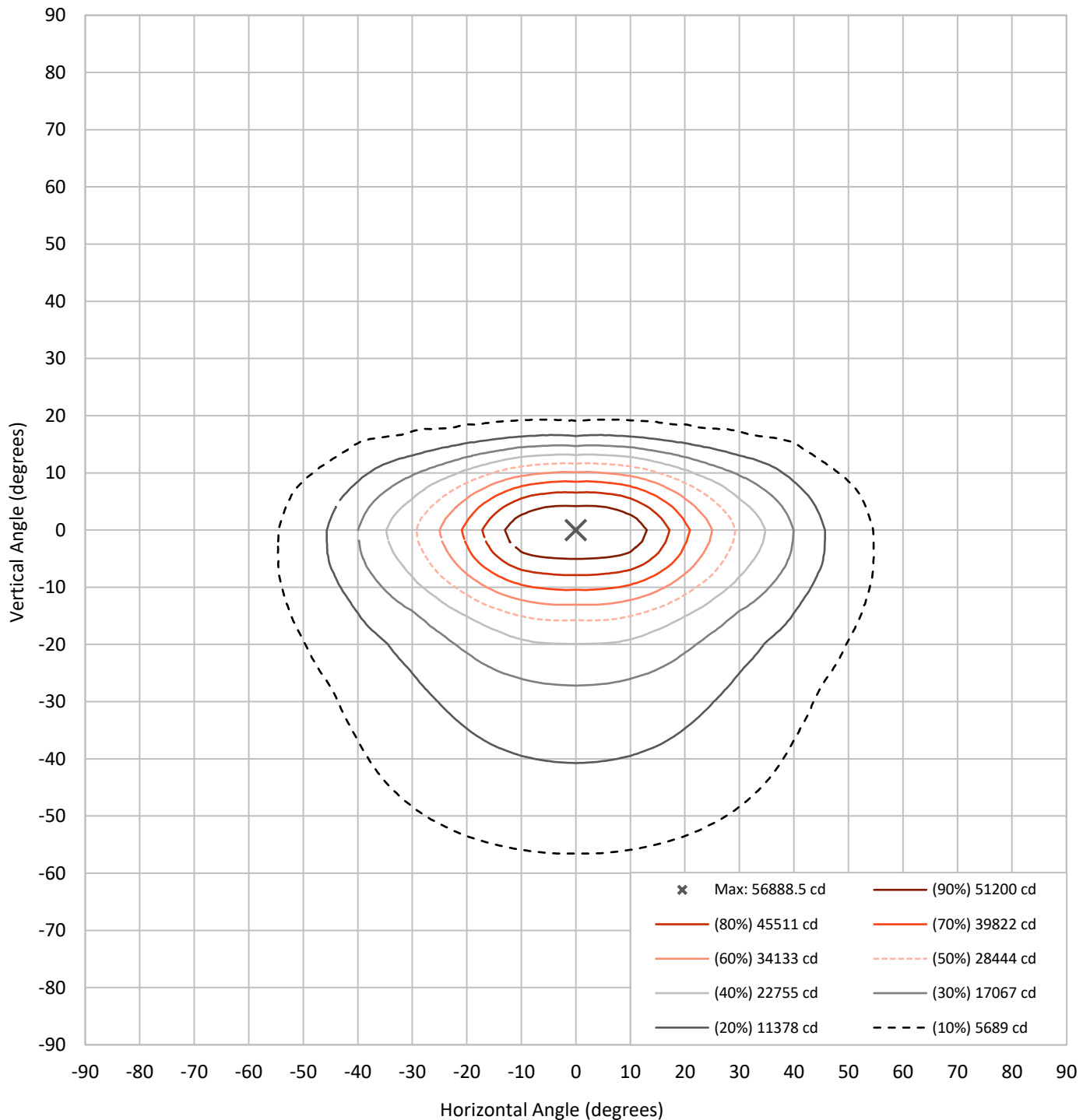
Test Method: LM-79-08
Report Number: P1306299 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-70-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	38278.2 lumens	Max Intensity:	56888.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 27.3°V	Field Angle (10%):	109.1°H x 75.6°V
Beam Lumens:	15110.8 lumens	Field Lumens:	33685.6 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
Input Watts (W):	688		
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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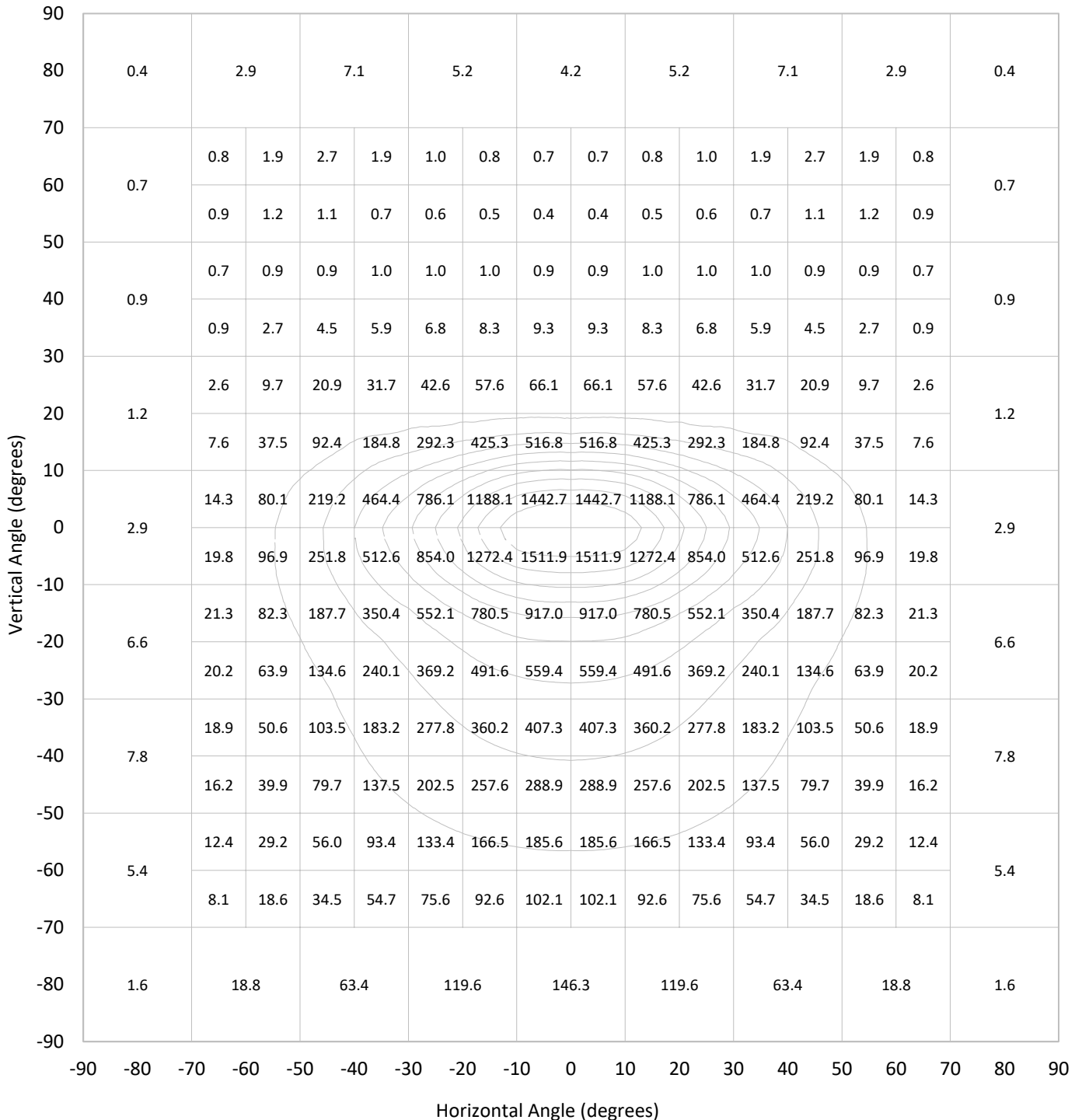
Iso-Candela Plot





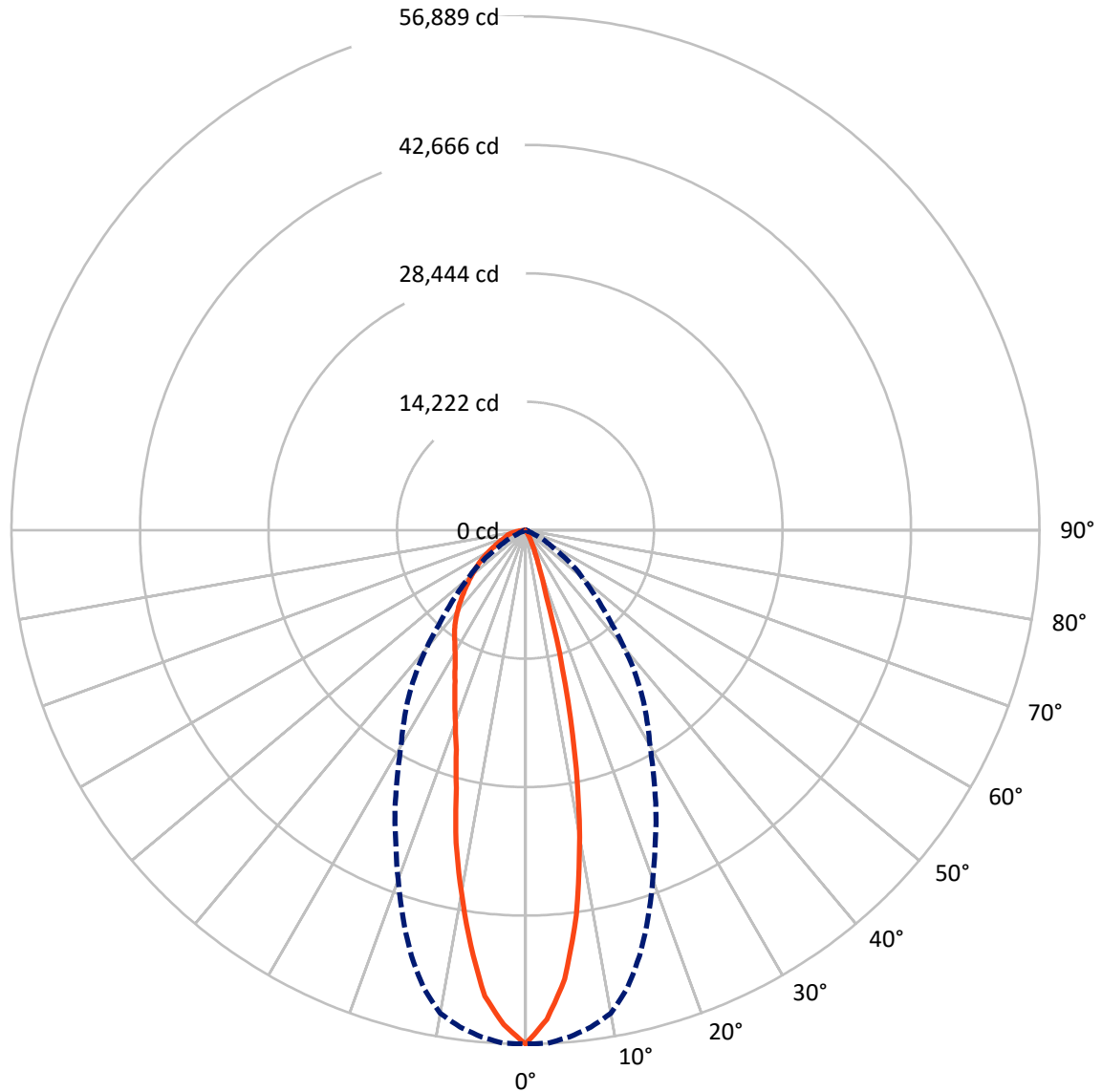
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Lumen Table



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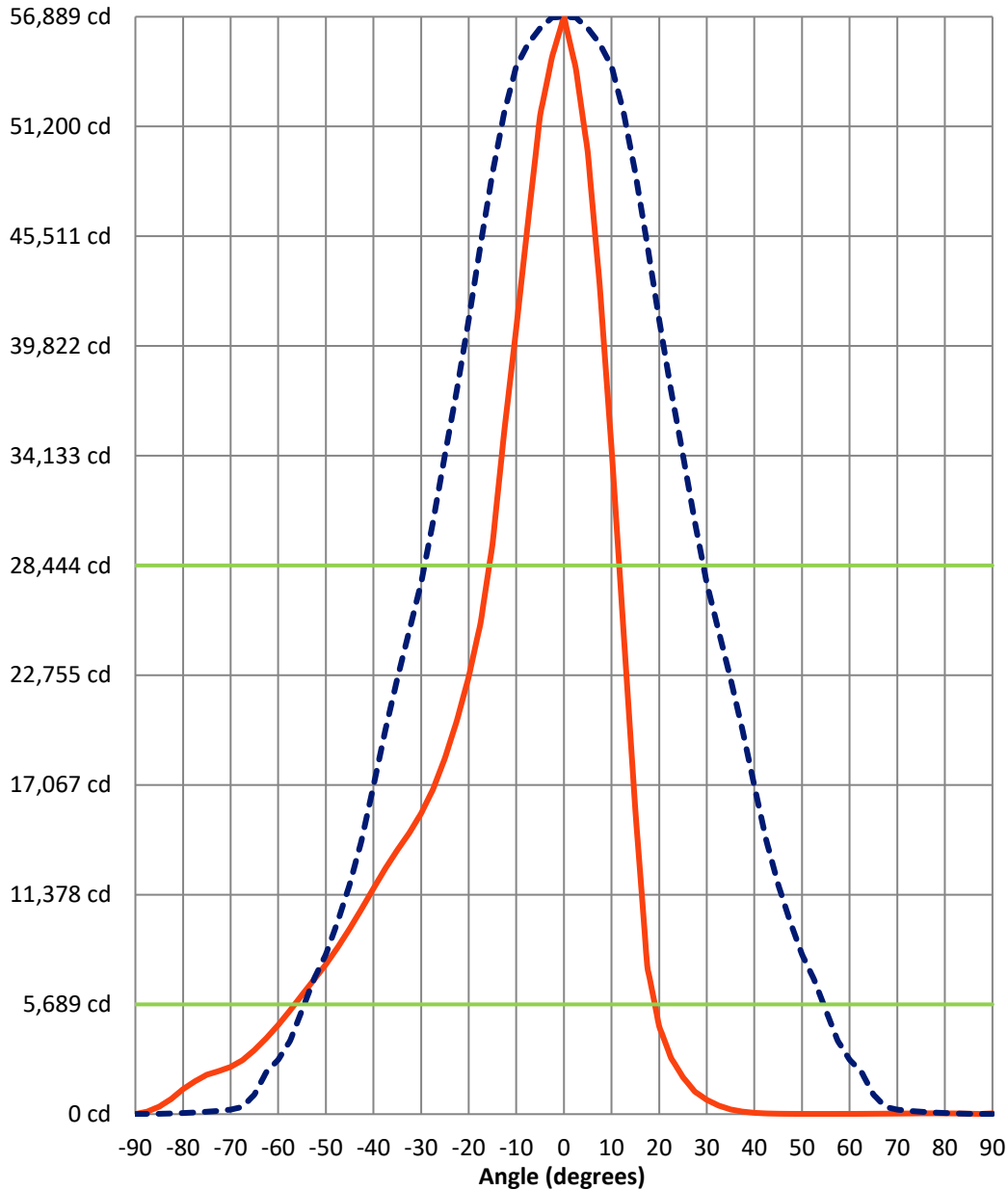
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 27.3°
 Lumens: 15110.8
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 33685.6
 Efficiency: 88.0%

Spill:
 Lumens: 4592.6
 Efficiency: 12.0%

— 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°	8.3	9.3	10.3	10.8	11.4	11.9	12.4	12.9	13.5	14.0	14.5
87.5°	8.3	8.7	9.2	9.8	10.6	11.5	12.6	12.8	12.9	12.8	12.7
85°	8.3	9.0	10.1	11.4	12.9	14.8	16.8	17.3	17.5	17.4	17.0
82.5°	8.3	9.4	11.0	12.9	15.2	17.9	21.0	21.8	22.3	23.9	26.8
80°	8.3	9.7	11.9	14.4	17.5	21.1	24.9	26.0	28.8	33.2	39.5
77.5°	8.3	10.1	12.7	15.9	19.7	23.5	26.9	29.9	35.0	42.3	49.6
75°	8.3	10.4	13.6	17.4	21.6	24.5	28.7	33.6	40.5	46.4	52.5
72.5°	8.3	10.8	14.4	18.8	21.9	25.4	30.4	36.5	42.5	48.8	55.4
70°	8.3	11.1	15.2	19.9	22.2	26.2	31.9	37.9	44.3	51.0	57.4
67.5°	8.3	11.4	15.9	19.8	22.5	26.9	33.1	39.3	46.0	52.6	59.2
65°	8.3	11.7	16.7	19.7	22.6	27.8	34.3	40.6	47.4	54.2	61.5
62.5°	8.3	12.0	17.4	19.5	22.6	29.0	35.5	41.7	48.6	55.9	65.1
60°	8.3	12.3	18.0	19.3	22.6	30.1	36.7	42.7	49.8	58.5	68.3
57.5°	8.3	12.6	17.9	19.0	23.5	31.2	38.1	43.7	51.5	60.9	69.5
55°	8.3	12.8	17.7	18.7	24.4	32.3	39.5	45.1	53.1	62.5	69.7
52.5°	8.3	13.1	17.6	18.3	25.3	33.4	41.0	47.0	54.6	62.6	69.8
50°	8.3	13.3	17.5	17.9	26.2	34.8	42.5	48.9	55.4	62.5	66.4
47.5°	8.3	13.5	17.4	17.6	27.0	36.2	44.2	50.9	55.2	62.4	63.0
45°	8.3	13.7	17.3	18.2	27.8	37.6	45.9	52.9	56.5	59.9	60.1
42.5°	8.3	13.9	17.2	18.8	28.6	39.0	47.6	54.5	58.1	57.8	57.3
40°	8.3	14.1	17.2	19.7	29.5	40.4	49.3	56.0	59.5	56.4	54.8
37.5°	8.3	14.2	17.2	20.8	30.6	41.9	50.9	57.7	60.6	57.8	52.8
35°	8.3	14.3	17.2	21.9	31.6	43.2	52.6	59.4	62.2	60.4	53.1
32.5°	8.3	14.5	17.2	23.0	32.6	44.5	54.1	61.3	64.3	64.3	63.6
30°	8.3	14.6	17.3	24.1	33.6	45.7	55.6	63.2	66.8	69.5	76.6
27.5°	8.3	14.6	17.3	25.2	35.6	46.8	57.0	65.1	70.3	76.0	92.1
25°	8.3	14.7	17.4	26.3	37.8	47.9	58.5	67.3	75.3	87.0	111.5
22.5°	8.3	14.8	17.5	27.4	40.1	49.7	59.9	69.7	81.0	100.9	174.8
20°	8.3	14.8	17.6	28.4	42.3	53.6	61.4	72.3	87.2	115.9	247.1
17.5°	8.3	14.8	17.8	29.5	44.5	57.7	66.7	75.0	93.9	131.7	326.5
15°	8.3	14.8	17.9	30.4	46.7	61.9	74.7	82.5	100.9	148.1	410.9
12.5°	8.3	14.8	18.0	31.4	48.8	66.2	83.2	96.5	117.1	164.8	498.1
10°	8.3	14.8	18.1	32.3	50.9	70.5	91.8	111.0	140.8	204.1	595.6
7.5°	8.3	14.7	18.3	33.1	52.8	74.8	100.6	125.8	164.8	247.4	711.7
5°	8.3	14.7	18.4	33.8	54.6	79.0	109.3	140.6	188.9	290.7	823.3
2.5°	8.3	14.6	18.5	34.5	56.4	83.0	117.9	155.2	212.6	333.3	927.4
0°	8.3	14.5	18.6	35.1	57.9	86.8	126.1	169.5	235.7	374.2	1021.2
-2.5°	8.3	14.8	20.0	39.4	67.6	105.6	159.0	223.8	318.1	487.9	1136.1
-5°	8.3	15.1	21.4	43.6	77.1	124.0	191.1	276.8	398.3	597.6	1238.0
-7.5°	8.3	15.4	22.8	47.5	86.1	141.6	221.8	327.6	475.2	702.1	1327.2
-10°	8.3	15.6	24.1	51.3	94.7	158.2	250.8	375.6	547.7	800.0	1403.9
-12.5°	8.3	15.9	25.4	54.8	102.6	173.6	277.7	420.0	614.7	886.3	1435.1
-15°	8.3	16.1	26.6	57.9	109.8	187.7	302.1	460.1	669.3	938.7	1441.8
-17.5°	8.3	16.3	27.7	60.7	116.2	200.2	323.5	495.0	711.1	984.4	1442.0
-20°	8.3	16.5	28.7	63.1	121.7	210.9	343.7	525.2	747.9	1023.0	1436.8



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 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.3	16.6	29.6	65.1	126.3	219.6	364.1	551.1	779.4	1054.2	1427.4
-25°	8.3	16.7	30.4	66.6	129.8	230.8	381.4	572.4	805.4	1077.7	1414.7
-27.5°	8.3	16.8	31.0	67.7	132.1	241.7	395.6	588.9	825.7	1097.1	1434.1
-30°	8.3	16.9	31.6	68.2	133.8	250.1	406.4	600.4	841.8	1116.4	1445.5
-32.5°	8.3	16.9	32.0	68.2	138.1	256.1	413.8	610.6	852.6	1128.2	1447.1
-35°	8.3	16.9	32.2	67.7	140.9	259.5	419.5	617.3	856.5	1132.5	1438.6
-37.5°	8.3	16.8	32.4	66.6	142.0	261.1	422.3	619.2	853.5	1129.3	1391.6
-40°	8.3	16.7	32.3	65.0	141.4	261.6	421.2	616.3	843.5	1118.8	1342.5
-42.5°	8.3	16.6	32.2	63.4	140.4	259.4	416.3	608.5	832.2	1073.4	1286.4
-45°	8.3	16.5	31.9	62.3	139.1	254.6	407.4	596.6	817.3	1019.2	1223.8
-47.5°	8.3	16.3	31.4	60.4	136.3	247.1	394.7	580.9	795.6	960.4	1157.4
-50°	8.3	16.1	30.8	59.8	132.1	237.0	380.8	560.0	748.4	906.0	1085.6
-52.5°	8.3	15.9	30.0	59.2	126.4	224.2	363.5	534.1	698.6	846.7	1009.5
-55°	8.3	15.6	29.1	58.0	119.3	212.8	342.6	503.7	645.9	782.7	935.8
-57.5°	8.3	15.3	28.1	56.1	110.9	200.1	318.2	471.3	590.3	717.6	856.8
-60°	8.3	14.9	27.0	53.7	101.5	185.2	291.2	428.3	533.2	649.9	775.0
-62.5°	8.3	14.6	25.9	50.7	95.3	168.5	267.4	381.1	479.0	579.0	693.8
-65°	8.3	14.2	24.8	47.2	88.1	149.9	240.9	335.3	423.4	514.1	609.2
-67.5°	8.3	13.8	23.7	43.2	80.1	133.0	211.9	295.3	366.4	449.8	533.0
-70°	8.3	13.4	22.4	38.8	71.1	118.2	180.8	254.5	320.4	384.1	459.9
-72.5°	8.3	12.9	21.0	35.5	61.5	102.1	155.5	213.1	274.1	332.8	389.2
-75°	8.3	12.4	19.6	32.4	51.2	84.9	129.9	176.1	227.1	281.1	333.2
-77.5°	8.3	11.9	18.2	29.1	44.3	66.9	102.9	139.8	181.0	227.7	276.6
-80°	8.3	11.4	16.7	25.6	38.1	54.0	74.9	102.4	133.9	169.7	209.7
-82.5°	8.3	10.9	15.1	22.0	31.6	43.7	58.4	70.8	85.8	110.5	138.3
-85°	8.3	10.4	13.5	18.3	24.9	33.2	43.3	51.7	60.7	70.3	80.6
-87.5°	8.3	9.8	11.9	14.6	18.2	22.6	27.9	32.3	37.1	42.2	47.6
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3



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 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	15.0	15.5	16.0	16.5	18.1	19.6	21.2	22.7	25.3	27.9	30.5
87.5°	13.5	14.5	15.5	16.6	15.8	14.9	13.9	12.7	13.6	14.6	15.6
85°	18.7	20.6	23.2	25.4	25.3	25.4	25.8	26.5	28.2	29.7	30.9
82.5°	30.3	33.0	35.0	36.2	38.1	40.5	43.8	48.7	51.4	53.1	54.2
80°	43.3	45.6	47.4	50.8	57.0	64.1	71.9	80.2	83.0	83.3	82.5
77.5°	51.8	55.3	60.9	68.7	77.9	86.9	96.6	106.9	109.9	109.2	107.7
75°	57.5	64.3	72.7	83.2	94.5	106.0	118.1	129.3	132.5	129.2	124.8
72.5°	62.0	70.7	82.1	95.9	108.6	120.3	132.9	146.2	150.8	143.5	134.5
70°	65.0	76.2	89.9	104.4	118.8	131.6	143.3	156.1	163.4	151.1	133.3
67.5°	67.6	81.4	96.3	111.3	124.3	136.5	149.8	153.9	155.7	137.2	118.0
65°	71.4	86.2	99.8	113.0	127.0	131.0	133.9	136.7	133.8	112.6	91.8
62.5°	75.1	87.4	100.4	110.6	113.9	116.0	113.6	108.1	100.7	86.1	69.0
60°	76.2	87.1	95.4	98.6	99.5	95.3	88.7	82.1	74.3	62.2	50.5
57.5°	76.6	82.1	85.3	86.0	82.0	75.2	68.7	60.2	53.7	46.1	36.6
55°	74.8	73.6	75.2	72.6	66.9	59.7	52.1	46.2	38.6	34.1	28.5
52.5°	69.6	66.6	65.3	61.1	54.7	48.1	41.9	36.3	31.9	26.9	23.4
50°	65.0	61.1	56.8	51.7	46.8	42.3	35.4	31.4	27.7	23.9	20.8
47.5°	60.8	56.1	49.7	45.5	44.9	42.2	35.4	29.3	26.0	25.9	23.0
45°	57.0	53.1	45.7	46.5	47.8	47.7	42.9	28.7	31.9	32.6	30.9
42.5°	53.8	52.2	54.2	49.4	57.2	61.4	57.7	48.0	42.7	47.5	49.4
40°	54.2	53.4	71.5	71.0	72.1	83.3	88.7	81.8	63.0	74.7	80.0
37.5°	56.3	75.1	97.5	104.9	98.3	117.5	129.0	137.0	122.2	112.6	129.2
35°	59.8	102.1	135.6	151.3	152.1	163.2	193.2	205.5	195.7	180.6	193.9
32.5°	78.1	134.5	180.7	207.3	231.8	243.2	269.9	282.5	293.3	293.3	287.6
30°	117.0	177.2	232.9	269.3	328.2	381.8	370.1	372.8	412.4	452.6	472.2
27.5°	183.2	230.2	291.2	356.8	446.9	551.1	569.7	516.8	570.6	645.0	711.0
25°	266.6	390.3	353.3	461.3	611.1	755.6	832.4	869.0	795.6	903.8	1059.9
22.5°	381.9	593.3	595.1	575.1	795.7	997.7	1187.0	1368.3	1462.2	1344.6	1507.0
20°	537.2	810.2	897.7	994.7	1071.8	1273.0	1599.7	1995.6	2358.0	2563.2	2469.1
17.5°	715.7	1047.2	1247.9	1507.6	1764.2	1874.1	2082.2	2730.3	3433.9	4032.9	4354.9
15°	912.2	1300.3	1626.6	2073.3	2534.8	2882.7	3243.3	3800.1	4728.9	5753.6	6574.0
12.5°	1121.1	1565.4	2026.8	2679.6	3365.3	3937.4	4580.3	5427.0	6498.5	7776.8	9113.0
10°	1336.3	1837.7	2440.6	3313.1	4238.0	5023.5	5943.5	7054.2	8422.4	10015.0	11694.5
7.5°	1564.4	2104.2	2848.4	3958.8	5133.7	6124.9	7314.5	8666.1	10326.3	12219.5	14244.2
5°	1785.3	2355.7	3188.4	4478.2	5860.5	7054.4	8563.6	10240.9	12187.6	14365.2	16751.2
2.5°	1991.3	2596.5	3510.5	4953.4	6450.4	7689.9	9305.7	11109.2	13305.2	15872.6	18632.3
0°	2176.7	2823.8	3809.8	5391.2	6995.3	8281.1	9986.5	11904.8	14193.2	17010.7	19911.0
-2.5°	2257.1	2942.4	3944.7	5456.4	6981.8	8291.8	9932.8	11889.7	14096.6	16782.9	19627.7
-5°	2313.9	3042.5	4051.1	5480.0	6923.1	8253.2	9818.2	11784.6	13789.7	16179.1	18727.7
-7.5°	2349.8	3122.1	4127.8	5439.9	6731.9	7950.1	9311.5	10986.5	12814.6	14941.6	17185.4
-10°	2357.4	3113.5	4012.6	5178.0	6360.6	7477.4	8690.6	10145.2	11779.9	13640.0	15590.8
-12.5°	2284.1	3027.4	3850.2	4897.4	5976.0	6986.4	8048.7	9284.5	10701.3	12300.4	14027.4
-15°	2204.7	2929.8	3675.6	4605.0	5587.8	6485.4	7397.0	8421.9	9678.9	11135.7	12625.1
-17.5°	2123.0	2822.5	3492.5	4307.1	5204.6	5982.3	6780.1	7753.6	8879.9	10107.5	11319.8
-20°	2042.9	2707.1	3304.1	4009.8	4832.2	5566.5	6344.6	7199.9	8145.4	9145.9	10109.7



REPORT NUMBER: P1306299 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1967.6	2585.2	3130.0	3760.5	4512.2	5216.3	5911.3	6646.1	7429.2	8239.2	9256.1
-25°	1917.1	2468.1	2978.0	3562.6	4211.8	4861.6	5474.6	6106.4	6780.3	7676.3	8618.3
-27.5°	1885.8	2368.4	2844.5	3364.0	3924.2	4511.7	5066.5	5623.8	6375.1	7181.3	8015.0
-30°	1855.0	2269.2	2705.4	3176.2	3686.2	4195.8	4673.5	5303.0	6003.6	6741.2	7482.6
-32.5°	1796.4	2165.2	2578.7	3014.3	3465.0	3906.3	4405.0	5024.1	5666.7	6315.2	6984.4
-35°	1723.7	2073.3	2454.3	2849.9	3253.9	3690.4	4196.0	4741.0	5331.3	5934.6	6595.1
-37.5°	1660.3	1973.3	2325.4	2694.2	3072.8	3502.7	3967.5	4476.7	5014.7	5578.8	6209.4
-40°	1589.9	1865.7	2203.3	2549.2	2904.7	3306.4	3744.2	4207.0	4702.2	5241.6	5807.5
-42.5°	1514.4	1780.1	2077.7	2400.4	2738.4	3105.8	3503.4	3938.6	4400.6	4891.7	5410.0
-45°	1444.3	1687.9	1949.9	2251.2	2563.9	2898.1	3266.7	3657.4	4095.3	4547.4	5014.3
-47.5°	1366.5	1591.8	1839.9	2092.1	2384.9	2692.9	3019.8	3389.3	3776.2	4196.1	4627.1
-50°	1282.5	1496.4	1714.8	1945.5	2201.7	2483.2	2781.7	3114.3	3472.4	3839.1	4226.9
-52.5°	1196.1	1392.7	1590.3	1795.8	2024.4	2274.5	2546.0	2840.3	3162.6	3498.9	3833.6
-55°	1104.0	1285.6	1461.4	1648.2	1847.4	2070.3	2310.1	2572.5	2842.8	3149.1	3443.9
-57.5°	1011.0	1170.8	1330.7	1500.3	1678.0	1864.5	2083.0	2305.2	2548.9	2800.8	3046.3
-60°	914.7	1054.2	1196.4	1349.7	1510.1	1679.1	1857.0	2055.3	2261.8	2465.5	2681.9
-62.5°	814.8	937.8	1063.1	1194.4	1338.5	1490.8	1649.7	1815.1	1985.3	2162.5	2337.3
-65°	718.5	822.7	932.0	1046.9	1162.5	1302.0	1442.7	1581.7	1730.6	1874.1	2014.2
-67.5°	620.4	719.2	811.1	900.8	1007.3	1127.1	1237.6	1363.6	1488.3	1606.3	1720.4
-70°	539.1	618.2	702.6	783.7	867.6	969.5	1077.9	1178.2	1272.5	1371.5	1478.4
-72.5°	460.8	537.1	607.7	672.6	757.6	852.9	941.9	1024.6	1114.5	1208.5	1295.0
-75°	389.2	455.7	524.6	588.4	659.2	742.4	832.0	916.3	992.7	1068.8	1147.6
-77.5°	320.2	370.2	428.2	493.6	563.8	628.6	699.3	775.7	847.2	919.7	996.7
-80°	245.9	281.5	320.9	366.2	418.4	475.5	536.8	602.1	659.2	711.7	763.6
-82.5°	165.4	192.6	220.2	247.9	277.1	307.8	341.7	383.4	420.4	457.5	495.3
-85°	91.6	103.1	121.9	141.0	157.2	174.3	192.4	211.3	228.8	246.1	262.9
-87.5°	53.4	59.4	65.7	72.2	76.6	80.7	84.7	88.5	93.5	98.3	103.0
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	33.1	33.6	34.1	34.6	35.1	36.7	38.2	39.8	41.3	40.8	40.3
87.5°	16.7	16.5	16.2	15.9	15.5	17.1	18.7	20.4	22.1	20.3	18.4
85°	31.8	32.0	32.0	31.9	31.6	33.8	35.9	38.0	40.0	37.0	33.7
82.5°	54.6	53.6	51.7	49.1	45.8	45.1	44.2	43.0	41.4	39.7	38.1
80°	81.0	77.1	72.1	66.3	59.7	56.3	53.0	49.3	45.3	44.1	43.1
77.5°	104.4	97.3	88.8	79.5	69.6	63.6	58.6	53.4	47.9	46.8	46.3
75°	119.3	110.2	97.7	84.8	71.5	63.1	57.0	51.1	45.3	43.6	42.8
72.5°	123.8	111.1	96.6	80.4	64.8	55.0	49.3	44.3	39.7	37.9	36.9
70°	115.9	99.0	82.9	67.3	52.9	43.8	39.9	36.4	33.5	32.2	31.7
67.5°	97.9	80.2	65.1	52.1	41.6	35.0	32.7	30.6	28.8	27.6	26.7
65°	74.4	60.5	49.5	40.8	34.2	30.0	28.2	26.5	24.8	23.5	22.6
62.5°	54.6	44.6	38.1	33.1	29.3	26.5	24.7	23.3	22.0	21.1	20.3
60°	41.2	34.3	30.2	27.1	24.6	22.8	21.8	20.9	20.0	19.1	18.3
57.5°	31.5	27.3	24.3	22.8	21.7	20.9	20.1	19.1	18.1	17.2	16.3
55°	24.9	22.7	21.1	20.6	20.1	19.3	18.4	17.6	16.5	15.3	14.4
52.5°	20.9	20.7	20.7	20.3	19.7	19.1	18.5	17.2	16.0	14.8	14.0
50°	20.7	20.8	20.9	20.5	19.9	19.3	18.7	17.8	17.0	16.1	15.5
47.5°	21.5	21.7	23.0	21.0	20.7	21.2	20.9	20.1	19.8	19.3	18.8
45°	25.2	29.6	30.8	29.1	25.6	28.5	27.5	24.2	26.1	25.9	24.3
42.5°	45.0	49.6	53.3	51.0	43.6	46.1	46.1	41.1	42.5	42.6	40.8
40°	85.7	84.0	89.9	87.5	79.6	76.7	80.1	74.4	73.3	76.1	72.8
37.5°	141.1	142.0	139.4	139.8	136.9	129.2	133.8	132.2	127.6	136.4	137.5
35°	220.6	227.4	205.9	214.4	218.1	209.7	215.0	230.1	220.4	241.2	246.8
32.5°	327.1	341.2	331.1	321.3	337.5	350.5	356.5	388.4	396.9	415.7	438.1
30°	458.4	495.2	524.3	506.2	504.1	549.9	576.3	619.1	660.7	685.6	731.2
27.5°	731.5	720.2	789.4	809.8	764.3	837.5	936.7	955.6	1082.2	1092.4	1181.0
25°	1156.2	1150.2	1171.0	1271.5	1297.0	1333.6	1503.9	1593.9	1739.1	1817.6	1885.4
22.5°	1726.3	1887.4	1914.8	1868.8	2089.4	2233.6	2281.2	2540.1	2658.6	2835.4	2888.6
20°	2439.4	2814.2	3287.6	3295.1	3204.3	3619.8	3791.9	3928.0	4217.5	4419.1	4555.9
17.5°	4308.9	4306.0	5273.0	5807.2	5746.8	6045.9	6892.3	6804.9	7488.7	7903.3	7920.7
15°	7052.7	7564.1	8177.7	9146.7	9971.5	10636.3	11439.9	12489.8	13340.0	14338.7	15096.8
12.5°	10191.6	11198.8	12249.0	13354.4	14648.8	16118.7	17717.2	19116.8	20781.6	22238.5	23745.0
10°	13336.8	14931.9	16414.2	18066.1	19905.9	21863.8	24208.2	26256.6	28719.3	30879.3	32299.2
7.5°	16220.8	18134.3	20137.7	22538.9	25106.7	27565.3	30219.5	33092.6	35973.7	38469.3	40588.5
5°	19039.6	21190.8	23411.3	26056.3	28990.8	32071.5	35355.8	38753.7	41772.6	44615.5	47090.0
2.5°	21250.9	23715.1	26251.9	29242.9	32400.0	35522.0	38809.8	42467.7	45978.7	49303.6	51845.7
0°	22565.2	25037.6	27526.4	30695.4	34162.0	37517.1	41182.1	45076.7	48783.1	51962.4	54319.0
-2.5°	22041.7	24449.8	26964.7	30095.4	33435.2	36561.3	40063.2	43835.7	47425.6	50645.5	53091.3
-5°	20857.9	23018.5	25323.8	28218.6	31343.0	34448.8	37881.9	41470.7	44567.7	47425.7	49618.6
-7.5°	19193.4	21186.6	23336.6	26016.7	28889.9	31602.1	34408.3	37303.7	40121.9	42566.3	44370.5
-10°	17425.5	19229.9	21080.6	23229.8	25678.6	28045.8	30413.7	33054.5	35377.1	37395.2	38883.1
-12.5°	15652.6	17134.9	18595.0	20238.3	22339.6	24470.1	26517.9	28732.4	30582.4	32247.2	33570.9
-15°	13950.9	15104.8	16212.7	17803.3	19653.7	21227.1	22487.2	24492.9	25748.7	27228.6	28154.1
-17.5°	12369.2	13290.6	14637.0	16004.3	17324.5	18617.5	20071.5	21258.9	22491.6	23700.4	24495.8
-20°	11124.7	12264.3	13402.3	14514.3	15648.4	16882.7	18033.6	19155.7	20230.0	21159.0	21796.7



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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°	10314.5	11326.3	12284.2	13284.9	14389.6	15426.1	16398.5	17431.8	18350.4	19044.1	19562.9
-25°	9536.6	10416.5	11348.6	12349.7	13284.4	14156.8	15052.3	15849.9	16633.7	17211.3	17696.8
-27.5°	8835.5	9670.2	10588.5	11475.9	12309.0	13124.3	13885.3	14546.1	15199.1	15661.0	16143.8
-30°	8225.7	9071.1	9906.3	10695.1	11477.7	12216.3	12887.3	13514.7	14062.5	14512.5	14917.2
-32.5°	7765.0	8531.6	9275.3	10013.3	10755.0	11436.0	12023.4	12625.9	13130.1	13561.5	13928.0
-35°	7309.5	8030.3	8717.8	9394.0	10076.7	10733.2	11301.9	11826.6	12322.8	12708.9	13044.8
-37.5°	6865.3	7537.5	8173.5	8781.7	9406.3	10011.6	10530.3	11023.2	11466.7	11823.5	12142.2
-40°	6417.8	7033.6	7602.2	8168.9	8730.0	9237.3	9724.9	10178.9	10558.9	10887.8	11177.8
-42.5°	5955.5	6497.6	7010.6	7529.2	8041.8	8490.6	8920.9	9328.8	9652.2	9943.8	10194.8
-45°	5491.5	5968.5	6438.5	6904.4	7326.2	7740.5	8130.6	8475.0	8766.6	9024.8	9242.6
-47.5°	5044.8	5450.3	5880.3	6305.1	6667.5	7022.2	7363.4	7655.4	7908.6	8134.5	8326.1
-50°	4598.4	4960.3	5335.3	5700.0	6032.3	6343.6	6629.5	6884.6	7115.4	7310.6	7475.0
-52.5°	4156.5	4492.5	4813.1	5109.6	5411.5	5697.8	5963.8	6186.8	6389.1	6569.6	6714.4
-55°	3734.7	4031.8	4331.5	4584.0	4828.1	5066.5	5288.0	5487.3	5670.6	5836.4	5966.2
-57.5°	3309.1	3568.2	3818.8	4045.1	4264.1	4474.5	4654.0	4810.1	4956.4	5090.4	5204.9
-60°	2898.4	3114.4	3326.0	3514.9	3697.3	3872.3	4025.2	4158.1	4275.9	4379.8	4473.7
-62.5°	2512.8	2698.4	2867.0	3019.5	3162.3	3305.0	3435.3	3550.3	3650.0	3735.5	3809.0
-65°	2158.3	2311.8	2446.7	2573.0	2691.5	2811.8	2916.4	3010.8	3094.9	3165.5	3222.1
-67.5°	1843.1	1963.3	2075.5	2173.4	2274.2	2376.5	2471.2	2553.8	2625.1	2681.5	2725.5
-70°	1577.3	1674.6	1775.3	1872.8	1968.7	2056.6	2138.5	2211.6	2276.8	2325.3	2364.2
-72.5°	1374.3	1456.4	1549.2	1647.6	1738.7	1826.2	1909.5	1986.9	2059.0	2105.3	2141.4
-75°	1228.6	1313.3	1396.4	1478.3	1559.1	1636.0	1713.5	1792.6	1872.5	1919.5	1957.3
-77.5°	1067.6	1127.0	1188.8	1255.6	1326.8	1395.8	1463.3	1530.0	1595.3	1628.0	1653.0
-80°	818.5	865.9	912.3	959.4	1006.7	1055.2	1104.2	1152.8	1200.4	1222.5	1239.0
-82.5°	533.5	566.0	597.0	626.7	655.2	679.5	702.2	723.3	742.8	752.3	758.9
-85°	279.4	293.7	307.3	320.0	332.0	339.5	345.9	351.3	355.8	361.7	366.8
-87.5°	107.5	111.6	115.5	119.4	123.2	125.0	126.6	128.0	129.2	131.1	132.9
-90°	8.3	7.8	7.3	6.7	6.2	5.7	5.2	4.6	4.1	4.1	4.1



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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°	39.8	39.3	40.3	41.3	40.3	39.3	39.8	40.3	40.8	41.3	39.8
87.5°	16.4	14.5	13.4	12.4	13.4	14.5	16.4	18.4	20.3	22.1	20.4
85°	30.3	26.8	24.8	22.7	24.8	26.8	30.3	33.7	37.0	40.0	38.0
82.5°	36.5	35.0	35.1	35.1	35.1	35.0	36.5	38.1	39.7	41.4	43.0
80°	42.2	41.2	41.3	41.3	41.3	41.2	42.2	43.1	44.1	45.3	49.3
77.5°	45.9	45.4	44.5	43.4	44.5	45.4	45.9	46.3	46.8	47.9	53.4
75°	42.1	41.4	41.3	41.3	41.3	41.4	42.1	42.8	43.6	45.3	51.1
72.5°	36.1	35.3	35.1	35.1	35.1	35.3	36.1	36.9	37.9	39.7	44.3
70°	31.3	31.1	30.1	28.9	30.1	31.1	31.3	31.7	32.2	33.5	36.4
67.5°	25.9	25.1	24.8	24.8	24.8	25.1	25.9	26.7	27.6	28.8	30.6
65°	21.7	21.0	20.7	20.7	20.7	21.0	21.7	22.6	23.5	24.8	26.5
62.5°	19.5	18.8	17.7	16.5	17.7	18.8	19.5	20.3	21.1	22.0	23.3
60°	17.5	16.8	15.7	14.5	15.7	16.8	17.5	18.3	19.1	20.0	20.9
57.5°	15.5	14.8	14.5	14.5	14.5	14.8	15.5	16.3	17.2	18.1	19.1
55°	13.5	12.8	12.4	12.4	12.4	12.8	13.5	14.4	15.3	16.5	17.6
52.5°	13.3	12.7	12.4	12.4	12.4	12.7	13.3	14.0	14.8	16.0	17.2
50°	15.1	14.7	14.5	14.5	14.5	14.7	15.1	15.5	16.1	17.0	17.8
47.5°	18.1	17.1	16.5	16.5	16.5	17.1	18.1	18.8	19.3	19.8	20.1
45°	23.8	23.0	22.6	22.7	22.6	23.0	23.8	24.3	25.9	26.1	24.2
42.5°	41.2	40.0	38.4	37.2	38.4	40.0	41.2	40.8	42.6	42.5	41.1
40°	73.0	71.4	69.0	68.2	69.0	71.4	73.0	72.8	76.1	73.3	74.4
37.5°	139.3	138.2	133.8	132.3	133.8	138.2	139.3	137.5	136.4	127.6	132.2
35°	246.4	248.3	244.1	243.9	244.1	248.3	246.4	246.8	241.2	220.4	230.1
32.5°	445.5	450.3	437.7	444.4	437.7	450.3	445.5	438.1	415.7	396.9	388.4
30°	729.7	746.0	738.8	742.1	738.8	746.0	729.7	731.2	685.6	660.7	619.1
27.5°	1189.6	1201.8	1176.7	1168.0	1176.7	1201.8	1189.6	1181.0	1092.4	1082.2	955.6
25°	1923.6	1931.3	1906.8	1916.3	1906.8	1931.3	1923.6	1885.4	1817.6	1739.1	1593.9
22.5°	2996.5	2967.8	2940.6	2914.7	2940.6	2967.8	2996.5	2888.6	2835.4	2658.6	2540.1
20°	4682.9	4616.7	4607.8	4558.1	4607.8	4616.7	4682.9	4555.9	4419.1	4217.5	3928.0
17.5°	8343.5	8463.6	8197.0	7681.6	8197.0	8463.6	8343.5	7920.7	7903.3	7488.7	6804.9
15°	15543.4	16107.5	16349.9	15758.0	16349.9	16107.5	15543.4	15096.8	14338.7	13340.0	12489.8
12.5°	24576.6	24973.7	25454.7	25103.7	25454.7	24973.7	24576.6	23745.0	22238.5	20781.6	19116.8
10°	33519.0	34113.4	34841.6	34513.5	34841.6	34113.4	33519.0	32299.2	30879.3	28719.3	26256.6
7.5°	41754.7	42779.1	43418.9	43007.5	43418.9	42779.1	41754.7	40588.5	38469.3	35973.7	33092.6
5°	48783.4	49593.3	49979.0	49872.5	49979.0	49593.3	48783.4	47090.0	44615.5	41772.6	38753.7
2.5°	53291.0	54145.9	54491.4	54204.3	54491.4	54145.9	53291.0	51845.7	49303.6	45978.7	42467.7
0°	55494.2	56295.2	56845.1	56888.5	56845.1	56295.2	55494.2	54319.0	51962.4	48783.1	45076.7
-2.5°	54221.0	54707.8	54970.8	54795.5	54970.8	54707.8	54221.0	53091.3	50645.5	47425.6	43835.7
-5°	50886.5	51401.2	51568.3	51772.3	51568.3	51401.2	50886.5	49618.6	47425.7	44567.7	41470.7
-7.5°	45385.4	45950.2	46366.5	46349.1	46366.5	45950.2	45385.4	44370.5	42566.3	40121.9	37303.7
-10°	39989.8	40409.4	40843.8	40770.8	40843.8	40409.4	39989.8	38883.1	37395.2	35377.1	33054.5
-12.5°	34642.3	35342.3	35512.4	35461.3	35512.4	35342.3	34642.3	33570.9	32247.2	30582.4	28732.4
-15°	29207.7	29726.4	29683.8	29546.0	29683.8	29726.4	29207.7	28154.1	27228.6	25748.7	24492.9
-17.5°	25184.1	25470.1	25579.4	25471.7	25579.4	25470.1	25184.1	24495.8	23700.4	22491.6	21258.9
-20°	22321.0	22542.0	22616.4	22666.5	22616.4	22542.0	22321.0	21796.7	21159.0	20230.0	19155.7



REPORT NUMBER: P1306299 (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°	20009.7	20235.4	20300.8	20386.4	20300.8	20235.4	20009.7	19562.9	19044.1	18350.4	17431.8
-25°	18071.3	18291.9	18366.5	18451.6	18366.5	18291.9	18071.3	17696.8	17211.3	16633.7	15849.9
-27.5°	16467.5	16682.9	16772.6	16837.1	16772.6	16682.9	16467.5	16143.8	15661.0	15199.1	14546.1
-30°	15204.6	15416.6	15544.9	15586.5	15544.9	15416.6	15204.6	14917.2	14512.5	14062.5	13514.7
-32.5°	14202.6	14387.7	14508.1	14569.4	14508.1	14387.7	14202.6	13928.0	13561.5	13130.1	12625.9
-35°	13310.1	13495.9	13621.1	13684.7	13621.1	13495.9	13310.1	13044.8	12708.9	12322.8	11826.6
-37.5°	12397.4	12599.8	12732.3	12735.8	12732.3	12599.8	12397.4	12142.2	11823.5	11466.7	11023.2
-40°	11390.6	11551.0	11656.1	11698.1	11656.1	11551.0	11390.6	11177.8	10887.8	10558.9	10178.9
-42.5°	10380.7	10517.0	10602.2	10637.7	10602.2	10517.0	10380.7	10194.8	9943.8	9652.2	9328.8
-45°	9416.6	9554.0	9624.9	9614.4	9624.9	9554.0	9416.6	9242.6	9024.8	8766.6	8475.0
-47.5°	8473.3	8579.8	8638.0	8651.1	8638.0	8579.8	8473.3	8326.1	8134.5	7908.6	7655.4
-50°	7614.5	7727.5	7775.8	7762.2	7775.8	7727.5	7614.5	7475.0	7310.6	7115.4	6884.6
-52.5°	6833.8	6929.8	6971.5	6966.4	6971.5	6929.8	6833.8	6714.4	6569.6	6389.1	6186.8
-55°	6072.5	6155.4	6188.4	6182.9	6188.4	6155.4	6072.5	5966.2	5836.4	5670.6	5487.3
-57.5°	5299.9	5374.7	5396.8	5382.9	5396.8	5374.7	5299.9	5204.9	5090.4	4956.4	4810.1
-60°	4551.6	4613.0	4632.2	4624.3	4632.2	4613.0	4551.6	4473.7	4379.8	4275.9	4158.1
-62.5°	3869.7	3917.2	3936.8	3938.0	3936.8	3917.2	3869.7	3809.0	3735.5	3650.0	3550.3
-65°	3268.0	3303.2	3318.9	3321.9	3318.9	3303.2	3268.0	3222.1	3165.5	3094.9	3010.8
-67.5°	2760.9	2788.4	2797.9	2798.9	2797.9	2788.4	2760.9	2725.5	2681.5	2625.1	2553.8
-70°	2398.9	2429.6	2442.4	2449.6	2442.4	2429.6	2398.9	2364.2	2325.3	2276.8	2211.6
-72.5°	2175.2	2206.7	2221.5	2232.5	2221.5	2206.7	2175.2	2141.4	2105.3	2059.0	1986.9
-75°	1993.3	2026.7	2037.2	2042.4	2037.2	2026.7	1993.3	1957.3	1919.5	1872.5	1792.6
-77.5°	1674.6	1692.6	1699.3	1701.3	1699.3	1692.6	1674.6	1653.0	1628.0	1595.3	1530.0
-80°	1252.1	1261.5	1279.5	1294.0	1279.5	1261.5	1252.1	1239.0	1222.5	1200.4	1152.8
-82.5°	763.0	764.6	775.1	783.5	775.1	764.6	763.0	758.9	752.3	742.8	723.3
-85°	371.1	374.4	382.9	390.7	382.9	374.4	371.1	366.8	361.7	355.8	351.3
-87.5°	134.6	136.0	135.3	134.4	135.3	136.0	134.6	132.9	131.1	129.2	128.0
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	38.2	36.7	35.1	34.6	34.1	33.6	33.1	30.5	27.9	25.3	22.7
87.5°	18.7	17.1	15.5	15.9	16.2	16.5	16.7	15.6	14.6	13.6	12.7
85°	35.9	33.8	31.6	31.9	32.0	32.0	31.8	30.9	29.7	28.2	26.5
82.5°	44.2	45.1	45.8	49.1	51.7	53.6	54.6	54.2	53.1	51.4	48.7
80°	53.0	56.3	59.7	66.3	72.1	77.1	81.0	82.5	83.3	83.0	80.2
77.5°	58.6	63.6	69.6	79.5	88.8	97.3	104.4	107.7	109.2	109.9	106.9
75°	57.0	63.1	71.5	84.8	97.7	110.2	119.3	124.8	129.2	132.5	129.3
72.5°	49.3	55.0	64.8	80.4	96.6	111.1	123.8	134.5	143.5	150.8	146.2
70°	39.9	43.8	52.9	67.3	82.9	99.0	115.9	133.3	151.1	163.4	156.1
67.5°	32.7	35.0	41.6	52.1	65.1	80.2	97.9	118.0	137.2	155.7	153.9
65°	28.2	30.0	34.2	40.8	49.5	60.5	74.4	91.8	112.6	133.8	136.7
62.5°	24.7	26.5	29.3	33.1	38.1	44.6	54.6	69.0	86.1	100.7	108.1
60°	21.8	22.8	24.6	27.1	30.2	34.3	41.2	50.5	62.2	74.3	82.1
57.5°	20.1	20.9	21.7	22.8	24.3	27.3	31.5	36.6	46.1	53.7	60.2
55°	18.4	19.3	20.1	20.6	21.1	22.7	24.9	28.5	34.1	38.6	46.2
52.5°	18.5	19.1	19.7	20.3	20.7	20.7	20.9	23.4	26.9	31.9	36.3
50°	18.7	19.3	19.9	20.5	20.9	20.8	20.7	20.8	23.9	27.7	31.4
47.5°	20.9	21.2	20.7	21.0	23.0	21.7	21.5	23.0	25.9	26.0	29.3
45°	27.5	28.5	25.6	29.1	30.8	29.6	25.2	30.9	32.6	31.9	28.7
42.5°	46.1	46.1	43.6	51.0	53.3	49.6	45.0	49.4	47.5	42.7	48.0
40°	80.1	76.7	79.6	87.5	89.9	84.0	85.7	80.0	74.7	63.0	81.8
37.5°	133.8	129.2	136.9	139.8	139.4	142.0	141.1	129.2	112.6	122.2	137.0
35°	215.0	209.7	218.1	214.4	205.9	227.4	220.6	193.9	180.6	195.7	205.5
32.5°	356.5	350.5	337.5	321.3	331.1	341.2	327.1	287.6	293.3	293.3	282.5
30°	576.3	549.9	504.1	506.2	524.3	495.2	458.4	472.2	452.6	412.4	372.8
27.5°	936.7	837.5	764.3	809.8	789.4	720.2	731.5	711.0	645.0	570.6	516.8
25°	1503.9	1333.6	1297.0	1271.5	1171.0	1150.2	1156.2	1059.9	903.8	795.6	869.0
22.5°	2281.2	2233.6	2089.4	1868.8	1914.8	1887.4	1726.3	1507.0	1344.6	1462.2	1368.3
20°	3791.9	3619.8	3204.3	3295.1	3287.6	2814.2	2439.4	2469.1	2563.2	2358.0	1995.6
17.5°	6892.3	6045.9	5746.8	5807.2	5273.0	4306.0	4308.9	4354.9	4032.9	3433.9	2730.3
15°	11439.9	10636.3	9971.5	9146.7	8177.7	7564.1	7052.7	6574.0	5753.6	4728.9	3800.1
12.5°	17717.2	16118.7	14648.8	13354.4	12249.0	11198.8	10191.6	9113.0	7776.8	6498.5	5427.0
10°	24208.2	21863.8	19905.9	18066.1	16414.2	14931.9	13336.8	11694.5	10015.0	8422.4	7054.2
7.5°	30219.5	27565.3	25106.7	22538.9	20137.7	18134.3	16220.8	14244.2	12219.5	10326.3	8666.1
5°	35355.8	32071.5	28990.8	26056.3	23411.3	21190.8	19039.6	16751.2	14365.2	12187.6	10240.9
2.5°	38809.8	35522.0	32400.0	29242.9	26251.9	23715.1	21250.9	18632.3	15872.6	13305.2	11109.2
0°	41182.1	37517.1	34162.0	30695.4	27526.4	25037.6	22565.2	19911.0	17010.7	14193.2	11904.8
-2.5°	40063.2	36561.3	33435.2	30095.4	26964.7	24449.8	22041.7	19627.7	16782.9	14096.6	11889.7
-5°	37881.9	34448.8	31343.0	28218.6	25323.8	23018.5	20857.9	18727.7	16179.1	13789.7	11784.6
-7.5°	34408.3	31602.1	28889.9	26016.7	23336.6	21186.6	19193.4	17185.4	14941.6	12814.6	10986.5
-10°	30413.7	28045.8	25678.6	23229.8	21080.6	19229.9	17425.5	15590.8	13640.0	11779.9	10145.2
-12.5°	26517.9	24470.1	22339.6	20238.3	18595.0	17134.9	15652.6	14027.4	12300.4	10701.3	9284.5
-15°	22487.2	21227.1	19653.7	17803.3	16212.7	15104.8	13950.9	12625.1	11135.7	9678.9	8421.9
-17.5°	20071.5	18617.5	17324.5	16004.3	14637.0	13290.6	12369.2	11319.8	10107.5	8879.9	7753.6
-20°	18033.6	16882.7	15648.4	14514.3	13402.3	12264.3	11124.7	10109.7	9145.9	8145.4	7199.9



REPORT NUMBER: P1306299 (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°	16398.5	15426.1	14389.6	13284.9	12284.2	11326.3	10314.5	9256.1	8239.2	7429.2	6646.1
-25°	15052.3	14156.8	13284.4	12349.7	11348.6	10416.5	9536.6	8618.3	7676.3	6780.3	6106.4
-27.5°	13885.3	13124.3	12309.0	11475.9	10588.5	9670.2	8835.5	8015.0	7181.3	6375.1	5623.8
-30°	12887.3	12216.3	11477.7	10695.1	9906.3	9071.1	8225.7	7482.6	6741.2	6003.6	5303.0
-32.5°	12023.4	11436.0	10755.0	10013.3	9275.3	8531.6	7765.0	6984.4	6315.2	5666.7	5024.1
-35°	11301.9	10733.2	10076.7	9394.0	8717.8	8030.3	7309.5	6595.1	5934.6	5331.3	4741.0
-37.5°	10530.3	10011.6	9406.3	8781.7	8173.5	7537.5	6865.3	6209.4	5578.8	5014.7	4476.7
-40°	9724.9	9237.3	8730.0	8168.9	7602.2	7033.6	6417.8	5807.5	5241.6	4702.2	4207.0
-42.5°	8920.9	8490.6	8041.8	7529.2	7010.6	6497.6	5955.5	5410.0	4891.7	4400.6	3938.6
-45°	8130.6	7740.5	7326.2	6904.4	6438.5	5968.5	5491.5	5014.3	4547.4	4095.3	3657.4
-47.5°	7363.4	7022.2	6667.5	6305.1	5880.3	5450.3	5044.8	4627.1	4196.1	3776.2	3389.3
-50°	6629.5	6343.6	6032.3	5700.0	5335.3	4960.3	4598.4	4226.9	3839.1	3472.4	3114.3
-52.5°	5963.8	5697.8	5411.5	5109.6	4813.1	4492.5	4156.5	3833.6	3498.9	3162.6	2840.3
-55°	5288.0	5066.5	4828.1	4584.0	4331.5	4031.8	3734.7	3443.9	3149.1	2842.8	2572.5
-57.5°	4654.0	4474.5	4264.1	4045.1	3818.8	3568.2	3309.1	3046.3	2800.8	2548.9	2305.2
-60°	4025.2	3872.3	3697.3	3514.9	3326.0	3114.4	2898.4	2681.9	2465.5	2261.8	2055.3
-62.5°	3435.3	3305.0	3162.3	3019.5	2867.0	2698.4	2512.8	2337.3	2162.5	1985.3	1815.1
-65°	2916.4	2811.8	2691.5	2573.0	2446.7	2311.8	2158.3	2014.2	1874.1	1730.6	1581.7
-67.5°	2471.2	2376.5	2274.2	2173.4	2075.5	1963.3	1843.1	1720.4	1606.3	1488.3	1363.6
-70°	2138.5	2056.6	1968.7	1872.8	1775.3	1674.6	1577.3	1478.4	1371.5	1272.5	1178.2
-72.5°	1909.5	1826.2	1738.7	1647.6	1549.2	1456.4	1374.3	1295.0	1208.5	1114.5	1024.6
-75°	1713.5	1636.0	1559.1	1478.3	1396.4	1313.3	1228.6	1147.6	1068.8	992.7	916.3
-77.5°	1463.3	1395.8	1326.8	1255.6	1188.8	1127.0	1067.6	996.7	919.7	847.2	775.7
-80°	1104.2	1055.2	1006.7	959.4	912.3	865.9	818.5	763.6	711.7	659.2	602.1
-82.5°	702.2	679.5	655.2	626.7	597.0	566.0	533.5	495.3	457.5	420.4	383.4
-85°	345.9	339.5	332.0	320.0	307.3	293.7	279.4	262.9	246.1	228.8	211.3
-87.5°	126.6	125.0	123.2	119.4	115.5	111.6	107.5	103.0	98.3	93.5	88.5
-90°	5.2	5.7	6.2	6.7	7.3	7.8	8.3	8.3	8.3	8.3	8.3



REPORT NUMBER: P1306299 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	21.2	19.6	18.1	16.5	16.0	15.5	15.0	14.5	14.0	13.5	12.9
87.5°	13.9	14.9	15.8	16.6	15.5	14.5	13.5	12.7	12.8	12.9	12.8
85°	25.8	25.4	25.3	25.4	23.2	20.6	18.7	17.0	17.4	17.5	17.3
82.5°	43.8	40.5	38.1	36.2	35.0	33.0	30.3	26.8	23.9	22.3	21.8
80°	71.9	64.1	57.0	50.8	47.4	45.6	43.3	39.5	33.2	28.8	26.0
77.5°	96.6	86.9	77.9	68.7	60.9	55.3	51.8	49.6	42.3	35.0	29.9
75°	118.1	106.0	94.5	83.2	72.7	64.3	57.5	52.5	46.4	40.5	33.6
72.5°	132.9	120.3	108.6	95.9	82.1	70.7	62.0	55.4	48.8	42.5	36.5
70°	143.3	131.6	118.8	104.4	89.9	76.2	65.0	57.4	51.0	44.3	37.9
67.5°	149.8	136.5	124.3	111.3	96.3	81.4	67.6	59.2	52.6	46.0	39.3
65°	133.9	131.0	127.0	113.0	99.8	86.2	71.4	61.5	54.2	47.4	40.6
62.5°	113.6	116.0	113.9	110.6	100.4	87.4	75.1	65.1	55.9	48.6	41.7
60°	88.7	95.3	99.5	98.6	95.4	87.1	76.2	68.3	58.5	49.8	42.7
57.5°	68.7	75.2	82.0	86.0	85.3	82.1	76.6	69.5	60.9	51.5	43.7
55°	52.1	59.7	66.9	72.6	75.2	73.6	74.8	69.7	62.5	53.1	45.1
52.5°	41.9	48.1	54.7	61.1	65.3	66.6	69.6	69.8	62.6	54.6	47.0
50°	35.4	42.3	46.8	51.7	56.8	61.1	65.0	66.4	62.5	55.4	48.9
47.5°	35.4	42.2	44.9	45.5	49.7	56.1	60.8	63.0	62.4	55.2	50.9
45°	42.9	47.7	47.8	46.5	45.7	53.1	57.0	60.1	59.9	56.5	52.9
42.5°	57.7	61.4	57.2	49.4	54.2	52.2	53.8	57.3	57.8	58.1	54.5
40°	88.7	83.3	72.1	71.0	71.5	53.4	54.2	54.8	56.4	59.5	56.0
37.5°	129.0	117.5	98.3	104.9	97.5	75.1	56.3	52.8	57.8	60.6	57.7
35°	193.2	163.2	152.1	151.3	135.6	102.1	59.8	53.1	60.4	62.2	59.4
32.5°	269.9	243.2	231.8	207.3	180.7	134.5	78.1	63.6	64.3	64.3	61.3
30°	370.1	381.8	328.2	269.3	232.9	177.2	117.0	76.6	69.5	66.8	63.2
27.5°	569.7	551.1	446.9	356.8	291.2	230.2	183.2	92.1	76.0	70.3	65.1
25°	832.4	755.6	611.1	461.3	353.3	390.3	266.6	111.5	87.0	75.3	67.3
22.5°	1187.0	997.7	795.7	575.1	595.1	593.3	381.9	174.8	100.9	81.0	69.7
20°	1599.7	1273.0	1071.8	994.7	897.7	810.2	537.2	247.1	115.9	87.2	72.3
17.5°	2082.2	1874.1	1764.2	1507.6	1247.9	1047.2	715.7	326.5	131.7	93.9	75.0
15°	3243.3	2882.7	2534.8	2073.3	1626.6	1300.3	912.2	410.9	148.1	100.9	82.5
12.5°	4580.3	3937.4	3365.3	2679.6	2026.8	1565.4	1121.1	498.1	164.8	117.1	96.5
10°	5943.5	5023.5	4238.0	3313.1	2440.6	1837.7	1336.3	595.6	204.1	140.8	111.0
7.5°	7314.5	6124.9	5133.7	3958.8	2848.4	2104.2	1564.4	711.7	247.4	164.8	125.8
5°	8563.6	7054.4	5860.5	4478.2	3188.4	2355.7	1785.3	823.3	290.7	188.9	140.6
2.5°	9305.7	7689.9	6450.4	4953.4	3510.5	2596.5	1991.3	927.4	333.3	212.6	155.2
0°	9986.5	8281.1	6995.3	5391.2	3809.8	2823.8	2176.7	1021.2	374.2	235.7	169.5
-2.5°	9932.8	8291.8	6981.8	5456.4	3944.7	2942.4	2257.1	1136.1	487.9	318.1	223.8
-5°	9818.2	8253.2	6923.1	5480.0	4051.1	3042.5	2313.9	1238.0	597.6	398.3	276.8
-7.5°	9311.5	7950.1	6731.9	5439.9	4127.8	3122.1	2349.8	1327.2	702.1	475.2	327.6
-10°	8690.6	7477.4	6360.6	5178.0	4012.6	3113.5	2357.4	1403.9	800.0	547.7	375.6
-12.5°	8048.7	6986.4	5976.0	4897.4	3850.2	3027.4	2284.1	1435.1	886.3	614.7	420.0
-15°	7397.0	6485.4	5587.8	4605.0	3675.6	2929.8	2204.7	1441.8	938.7	669.3	460.1
-17.5°	6780.1	5982.3	5204.6	4307.1	3492.5	2822.5	2123.0	1442.0	984.4	711.1	495.0
-20°	6344.6	5566.5	4832.2	4009.8	3304.1	2707.1	2042.9	1436.8	1023.0	747.9	525.2



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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°	5911.3	5216.3	4512.2	3760.5	3130.0	2585.2	1967.6	1427.4	1054.2	779.4	551.1
-25°	5474.6	4861.6	4211.8	3562.6	2978.0	2468.1	1917.1	1414.7	1077.7	805.4	572.4
-27.5°	5066.5	4511.7	3924.2	3364.0	2844.5	2368.4	1885.8	1434.1	1097.1	825.7	588.9
-30°	4673.5	4195.8	3686.2	3176.2	2705.4	2269.2	1855.0	1445.5	1116.4	841.8	600.4
-32.5°	4405.0	3906.3	3465.0	3014.3	2578.7	2165.2	1796.4	1447.1	1128.2	852.6	610.6
-35°	4196.0	3690.4	3253.9	2849.9	2454.3	2073.3	1723.7	1438.6	1132.5	856.5	617.3
-37.5°	3967.5	3502.7	3072.8	2694.2	2325.4	1973.3	1660.3	1391.6	1129.3	853.5	619.2
-40°	3744.2	3306.4	2904.7	2549.2	2203.3	1865.7	1589.9	1342.5	1118.8	843.5	616.3
-42.5°	3503.4	3105.8	2738.4	2400.4	2077.7	1780.1	1514.4	1286.4	1073.4	832.2	608.5
-45°	3266.7	2898.1	2563.9	2251.2	1949.9	1687.9	1444.3	1223.8	1019.2	817.3	596.6
-47.5°	3019.8	2692.9	2384.9	2092.1	1839.9	1591.8	1366.5	1157.4	960.4	795.6	580.9
-50°	2781.7	2483.2	2201.7	1945.5	1714.8	1496.4	1282.5	1085.6	906.0	748.4	560.0
-52.5°	2546.0	2274.5	2024.4	1795.8	1590.3	1392.7	1196.1	1009.5	846.7	698.6	534.1
-55°	2310.1	2070.3	1847.4	1648.2	1461.4	1285.6	1104.0	935.8	782.7	645.9	503.7
-57.5°	2083.0	1864.5	1678.0	1500.3	1330.7	1170.8	1011.0	856.8	717.6	590.3	471.3
-60°	1857.0	1679.1	1510.1	1349.7	1196.4	1054.2	914.7	775.0	649.9	533.2	428.3
-62.5°	1649.7	1490.8	1338.5	1194.4	1063.1	937.8	814.8	693.8	579.0	479.0	381.1
-65°	1442.7	1302.0	1162.5	1046.9	932.0	822.7	718.5	609.2	514.1	423.4	335.3
-67.5°	1237.6	1127.1	1007.3	900.8	811.1	719.2	620.4	533.0	449.8	366.4	295.3
-70°	1077.9	969.5	867.6	783.7	702.6	618.2	539.1	459.9	384.1	320.4	254.5
-72.5°	941.9	852.9	757.6	672.6	607.7	537.1	460.8	389.2	332.8	274.1	213.1
-75°	832.0	742.4	659.2	588.4	524.6	455.7	389.2	333.2	281.1	227.1	176.1
-77.5°	699.3	628.6	563.8	493.6	428.2	370.2	320.2	276.6	227.7	181.0	139.8
-80°	536.8	475.5	418.4	366.2	320.9	281.5	245.9	209.7	169.7	133.9	102.4
-82.5°	341.7	307.8	277.1	247.9	220.2	192.6	165.4	138.3	110.5	85.8	70.8
-85°	192.4	174.3	157.2	141.0	121.9	103.1	91.6	80.6	70.3	60.7	51.7
-87.5°	84.7	80.7	76.6	72.2	65.7	59.4	53.4	47.6	42.2	37.1	32.3
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.4	11.9	11.4	10.8	10.3	9.3	8.3
87.5°	12.6	11.5	10.6	9.8	9.2	8.7	8.3
85°	16.8	14.8	12.9	11.4	10.1	9.0	8.3
82.5°	21.0	17.9	15.2	12.9	11.0	9.4	8.3
80°	24.9	21.1	17.5	14.4	11.9	9.7	8.3
77.5°	26.9	23.5	19.7	15.9	12.7	10.1	8.3
75°	28.7	24.5	21.6	17.4	13.6	10.4	8.3
72.5°	30.4	25.4	21.9	18.8	14.4	10.8	8.3
70°	31.9	26.2	22.2	19.9	15.2	11.1	8.3
67.5°	33.1	26.9	22.5	19.8	15.9	11.4	8.3
65°	34.3	27.8	22.6	19.7	16.7	11.7	8.3
62.5°	35.5	29.0	22.6	19.5	17.4	12.0	8.3
60°	36.7	30.1	22.6	19.3	18.0	12.3	8.3
57.5°	38.1	31.2	23.5	19.0	17.9	12.6	8.3
55°	39.5	32.3	24.4	18.7	17.7	12.8	8.3
52.5°	41.0	33.4	25.3	18.3	17.6	13.1	8.3
50°	42.5	34.8	26.2	17.9	17.5	13.3	8.3
47.5°	44.2	36.2	27.0	17.6	17.4	13.5	8.3
45°	45.9	37.6	27.8	18.2	17.3	13.7	8.3
42.5°	47.6	39.0	28.6	18.8	17.2	13.9	8.3
40°	49.3	40.4	29.5	19.7	17.2	14.1	8.3
37.5°	50.9	41.9	30.6	20.8	17.2	14.2	8.3
35°	52.6	43.2	31.6	21.9	17.2	14.3	8.3
32.5°	54.1	44.5	32.6	23.0	17.2	14.5	8.3
30°	55.6	45.7	33.6	24.1	17.3	14.6	8.3
27.5°	57.0	46.8	35.6	25.2	17.3	14.6	8.3
25°	58.5	47.9	37.8	26.3	17.4	14.7	8.3
22.5°	59.9	49.7	40.1	27.4	17.5	14.8	8.3
20°	61.4	53.6	42.3	28.4	17.6	14.8	8.3
17.5°	66.7	57.7	44.5	29.5	17.8	14.8	8.3
15°	74.7	61.9	46.7	30.4	17.9	14.8	8.3
12.5°	83.2	66.2	48.8	31.4	18.0	14.8	8.3
10°	91.8	70.5	50.9	32.3	18.1	14.8	8.3
7.5°	100.6	74.8	52.8	33.1	18.3	14.7	8.3
5°	109.3	79.0	54.6	33.8	18.4	14.7	8.3
2.5°	117.9	83.0	56.4	34.5	18.5	14.6	8.3
0°	126.1	86.8	57.9	35.1	18.6	14.5	8.3
-2.5°	159.0	105.6	67.6	39.4	20.0	14.8	8.3
-5°	191.1	124.0	77.1	43.6	21.4	15.1	8.3
-7.5°	221.8	141.6	86.1	47.5	22.8	15.4	8.3
-10°	250.8	158.2	94.7	51.3	24.1	15.6	8.3
-12.5°	277.7	173.6	102.6	54.8	25.4	15.9	8.3
-15°	302.1	187.7	109.8	57.9	26.6	16.1	8.3
-17.5°	323.5	200.2	116.2	60.7	27.7	16.3	8.3
-20°	343.7	210.9	121.7	63.1	28.7	16.5	8.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	364.1	219.6	126.3	65.1	29.6	16.6	8.3
-25°	381.4	230.8	129.8	66.6	30.4	16.7	8.3
-27.5°	395.6	241.7	132.1	67.7	31.0	16.8	8.3
-30°	406.4	250.1	133.8	68.2	31.6	16.9	8.3
-32.5°	413.8	256.1	138.1	68.2	32.0	16.9	8.3
-35°	419.5	259.5	140.9	67.7	32.2	16.9	8.3
-37.5°	422.3	261.1	142.0	66.6	32.4	16.8	8.3
-40°	421.2	261.6	141.4	65.0	32.3	16.7	8.3
-42.5°	416.3	259.4	140.4	63.4	32.2	16.6	8.3
-45°	407.4	254.6	139.1	62.3	31.9	16.5	8.3
-47.5°	394.7	247.1	136.3	60.4	31.4	16.3	8.3
-50°	380.8	237.0	132.1	59.8	30.8	16.1	8.3
-52.5°	363.5	224.2	126.4	59.2	30.0	15.9	8.3
-55°	342.6	212.8	119.3	58.0	29.1	15.6	8.3
-57.5°	318.2	200.1	110.9	56.1	28.1	15.3	8.3
-60°	291.2	185.2	101.5	53.7	27.0	14.9	8.3
-62.5°	267.4	168.5	95.3	50.7	25.9	14.6	8.3
-65°	240.9	149.9	88.1	47.2	24.8	14.2	8.3
-67.5°	211.9	133.0	80.1	43.2	23.7	13.8	8.3
-70°	180.8	118.2	71.1	38.8	22.4	13.4	8.3
-72.5°	155.5	102.1	61.5	35.5	21.0	12.9	8.3
-75°	129.9	84.9	51.2	32.4	19.6	12.4	8.3
-77.5°	102.9	66.9	44.3	29.1	18.2	11.9	8.3
-80°	74.9	54.0	38.1	25.6	16.7	11.4	8.3
-82.5°	58.4	43.7	31.6	22.0	15.1	10.9	8.3
-85°	43.3	33.2	24.9	18.3	13.5	10.4	8.3
-87.5°	27.9	22.6	18.2	14.6	11.9	9.8	8.3
-90°	8.3	8.3	8.3	8.3	8.3	8.3	8.3

(END OF REPORT)