

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: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-5S-CV5-A**

Issue Date: 2/3/2026

Test Information

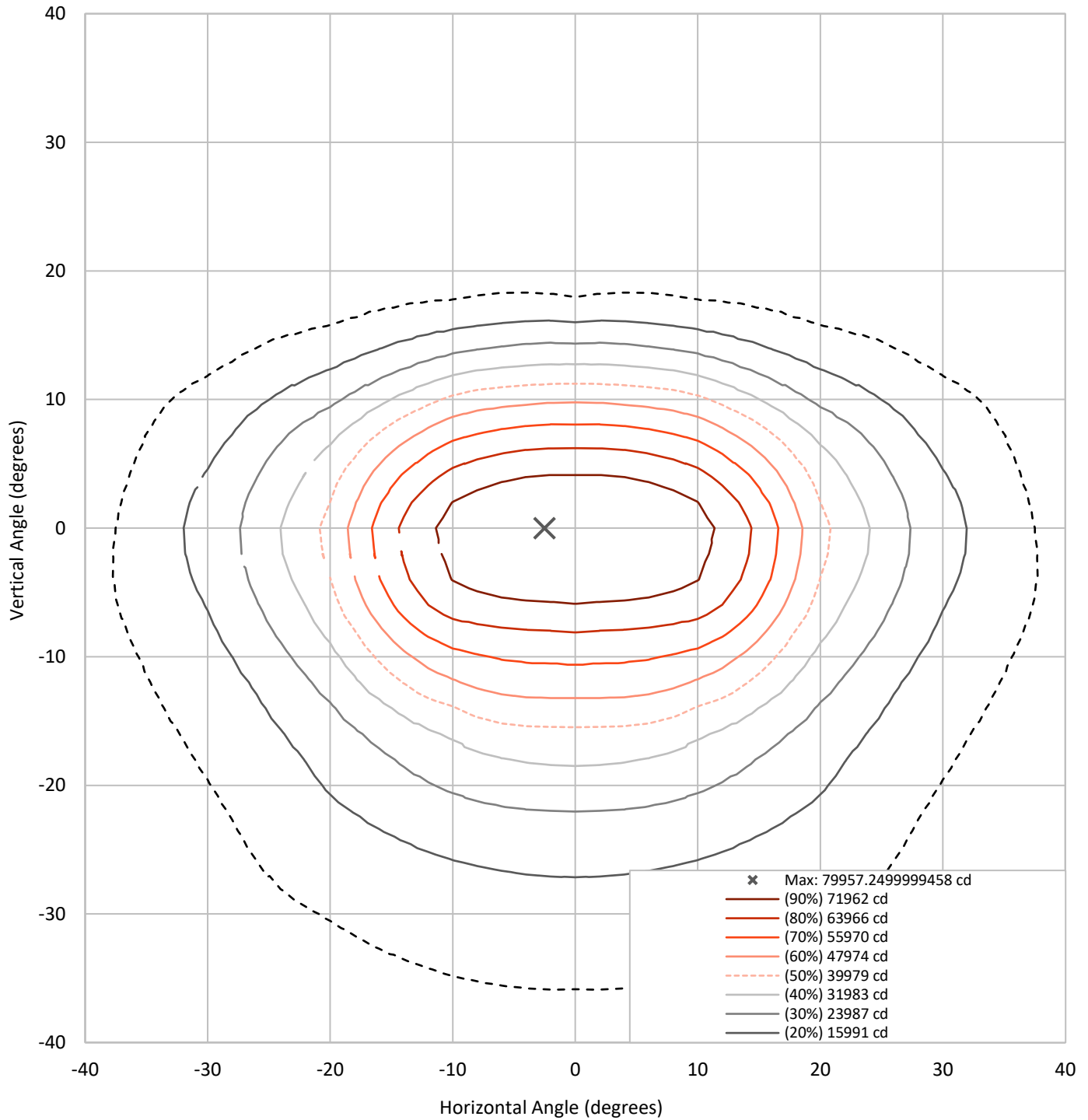
Test Method: LM-79-08
Report Number: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-70-5S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	31683.6 lumens	Max Intensity:	79957.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	94.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	15703.1 lumens	Field Lumens:	28401.9 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%
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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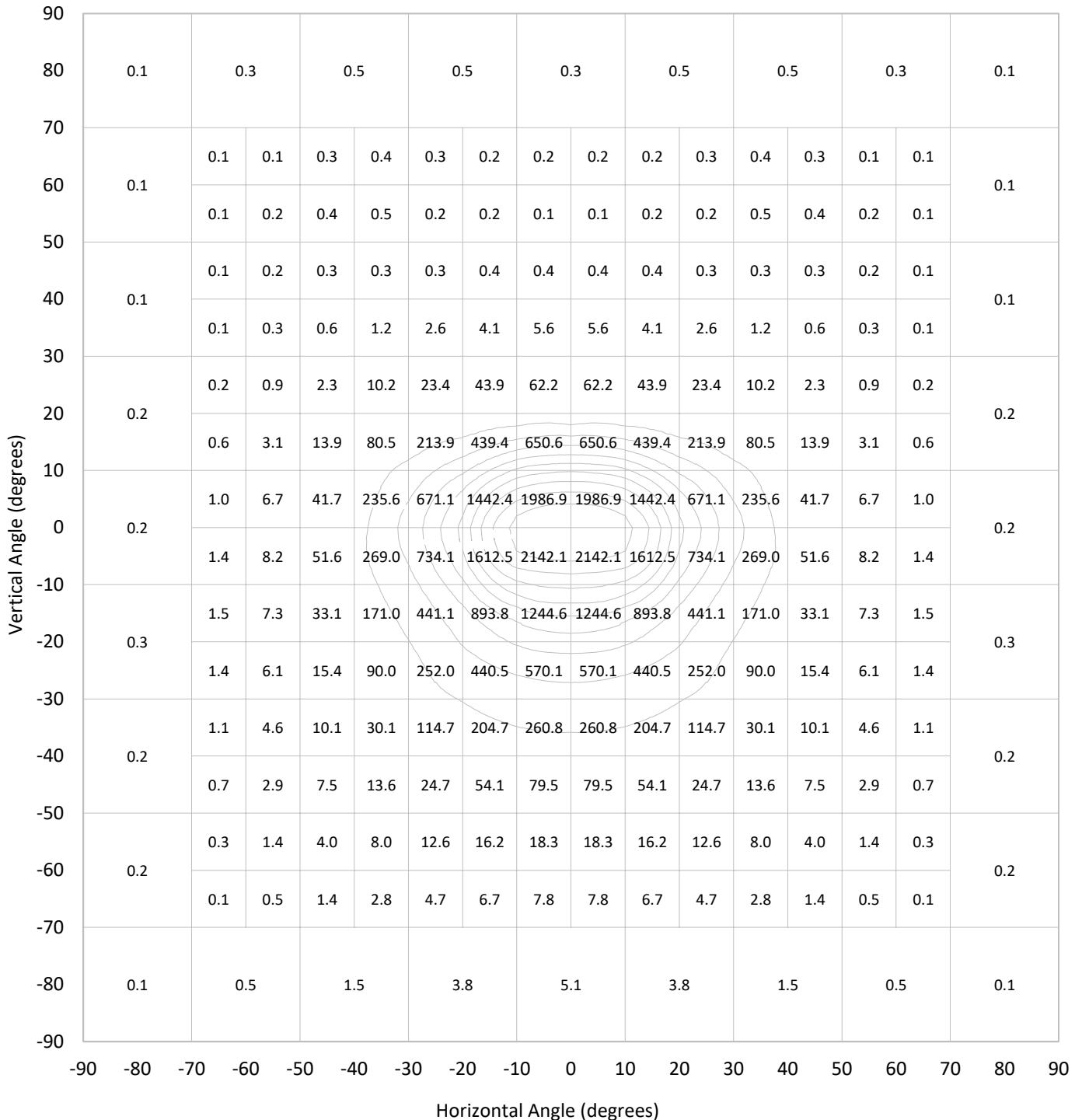
Iso-Candela Plot





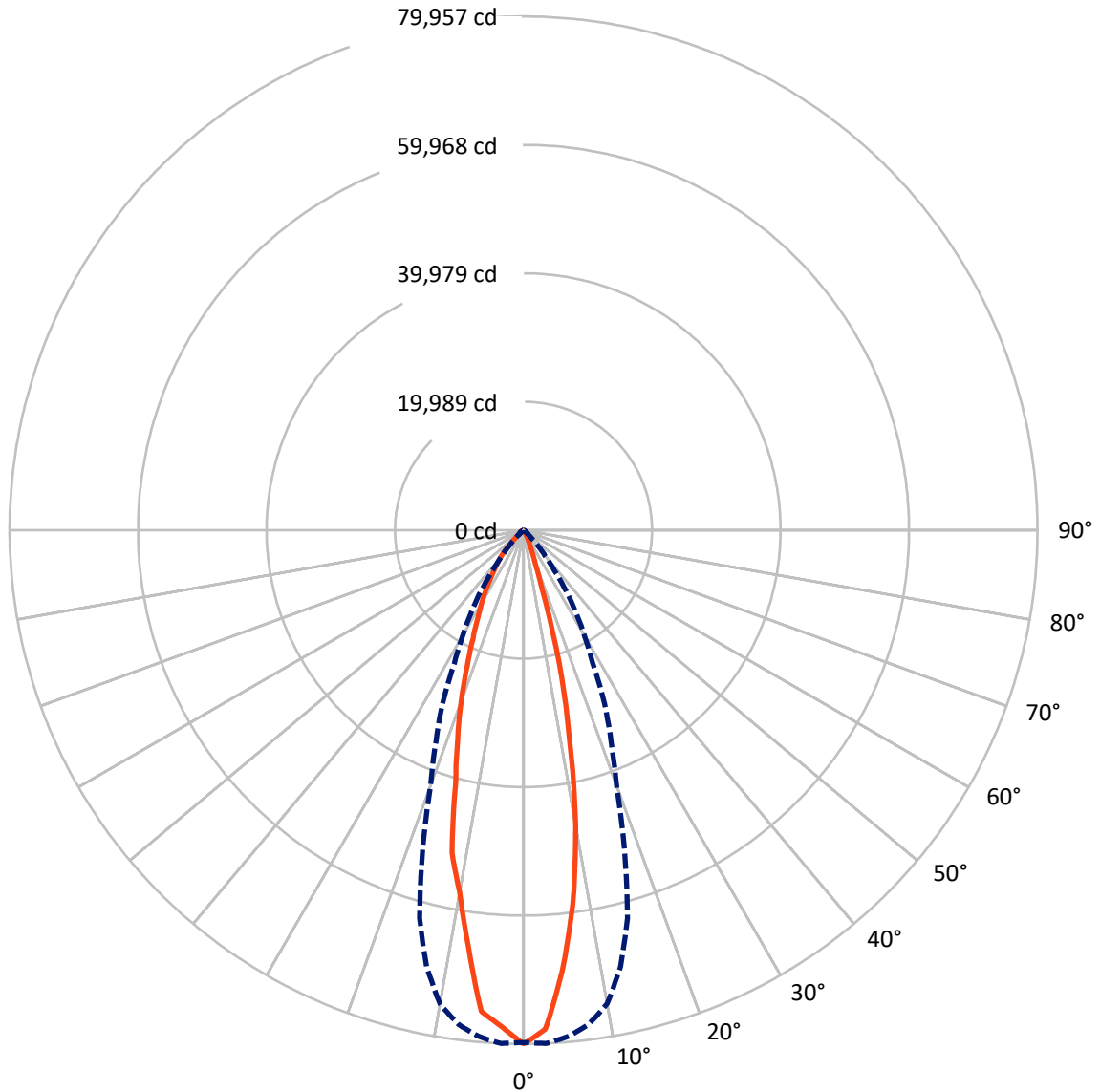
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Lumen Table



REPORT NUMBER: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
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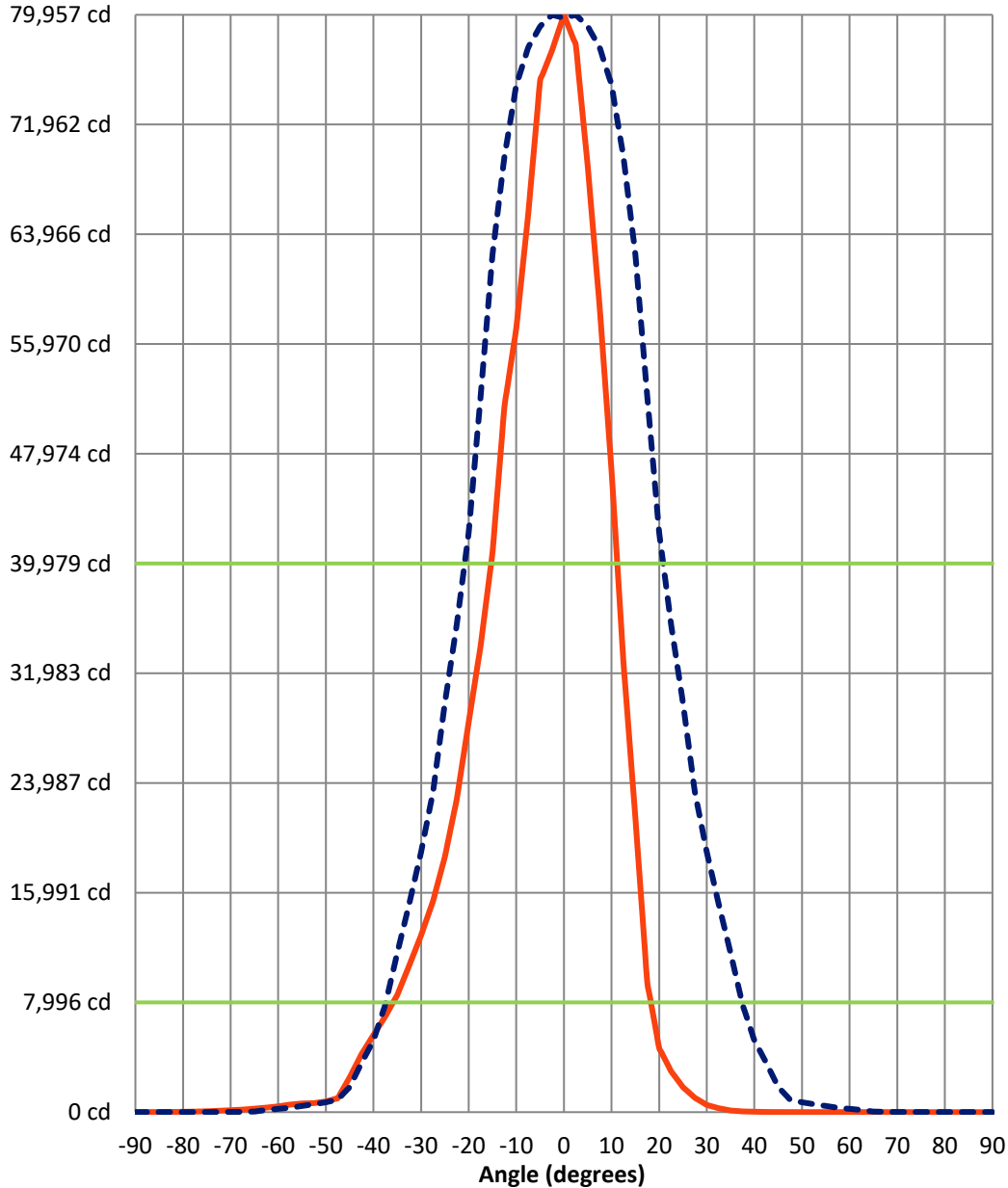
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.7°
 V Angle: 26.5°
 Lumens: 15703.1
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 28401.9
 Efficiency: 89.6%

Spill:
 Lumens: 3281.7
 Efficiency: 10.4%

— Vertical Distribution through -2.5-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°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	5.0	5.1	5.1	5.2	5.2	5.2	5.1	5.0	4.9
85°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.4	5.3	5.1	4.9
82.5°	4.9	5.0	5.2	5.4	5.5	5.7	5.8	5.7	5.5	5.3	5.2
80°	4.9	5.0	5.3	5.5	5.7	5.9	6.1	5.9	5.7	5.7	5.7
77.5°	4.9	5.0	5.4	5.7	5.9	6.1	6.1	6.0	5.9	6.0	6.1
75°	4.9	5.0	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1
72.5°	4.9	5.1	5.6	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
70°	4.9	5.1	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
67.5°	4.9	5.1	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	4.9	5.1	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	4.9	5.1	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	4.9	5.2	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	4.9	5.2	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
55°	4.9	5.2	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
52.5°	4.9	5.2	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
50°	4.9	5.2	5.9	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.5
47.5°	4.9	5.2	5.9	6.1	6.1	6.1	6.1	6.3	6.1	6.1	6.9
45°	4.9	5.2	5.9	6.1	6.1	6.1	6.2	6.4	6.2	6.4	7.2
42.5°	4.9	5.2	5.9	6.1	6.1	6.1	6.3	6.5	6.4	6.8	7.7
40°	4.9	5.2	5.9	6.1	6.1	6.1	6.5	6.7	6.6	7.1	8.1
37.5°	4.9	5.2	5.9	6.1	6.1	6.1	6.6	6.9	7.1	7.6	8.4
35°	4.9	5.2	5.9	6.1	6.1	6.2	6.8	7.1	7.5	8.1	8.6
32.5°	4.9	5.2	5.9	6.1	6.1	6.3	7.0	7.3	7.9	8.7	9.4
30°	4.9	5.2	5.9	6.1	6.1	6.4	7.1	7.6	8.3	9.3	10.3
27.5°	4.9	5.1	6.0	6.1	6.1	6.6	7.3	7.9	8.7	9.9	11.3
25°	4.9	5.1	6.0	6.1	6.1	6.7	7.6	8.3	9.2	10.7	12.6
22.5°	4.9	5.1	6.0	6.1	6.1	6.8	7.8	8.6	9.8	11.6	14.8
20°	4.9	5.1	6.0	6.1	6.1	6.9	8.0	8.9	10.3	12.6	17.2
17.5°	4.9	5.1	6.0	6.1	6.1	7.0	8.2	9.2	10.8	13.7	19.9
15°	4.9	5.1	6.0	6.1	6.1	7.1	8.2	9.4	11.3	14.7	22.8
12.5°	4.9	5.0	6.1	6.1	6.1	7.2	8.3	9.5	11.7	15.8	25.8
10°	4.9	5.0	6.1	6.1	6.1	7.2	8.4	9.6	12.1	17.2	29.0
7.5°	4.9	5.0	6.1	6.1	6.1	7.2	8.4	9.6	12.4	18.7	32.9
5°	4.9	5.0	6.1	6.1	6.1	7.3	8.5	9.7	12.8	20.2	36.8
2.5°	4.9	4.9	6.1	6.1	6.1	7.3	8.5	9.7	13.1	21.7	40.4
0°	4.9	4.9	6.1	6.1	6.1	7.3	8.5	9.7	13.3	23.0	43.7
-2.5°	4.9	4.9	6.1	6.1	6.2	7.4	8.7	10.8	16.6	28.9	53.3
-5°	4.9	5.0	6.1	6.1	6.3	7.5	8.8	11.9	19.7	34.6	62.3
-7.5°	4.9	5.0	6.1	6.1	6.4	7.6	8.9	12.9	22.5	39.7	70.5
-10°	4.9	5.0	6.1	6.1	6.5	7.7	9.0	13.7	25.0	44.3	77.6
-12.5°	4.9	5.0	6.1	6.1	6.6	7.8	9.1	14.4	27.0	48.2	83.1
-15°	4.9	5.1	6.0	6.1	6.6	7.9	9.2	14.8	28.8	51.5	87.2
-17.5°	4.9	5.1	6.0	6.1	6.7	7.9	9.3	15.5	30.2	53.8	89.9
-20°	4.9	5.1	6.0	6.1	6.7	8.0	9.6	16.3	31.1	55.2	91.2



REPORT NUMBER: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.9	5.1	6.0	6.1	6.7	8.0	10.1	16.9	31.4	55.6	90.9
-25°	4.9	5.1	6.0	6.1	6.7	8.0	10.5	17.2	31.0	54.8	89.1
-27.5°	4.9	5.1	6.0	6.1	6.7	8.0	10.6	17.2	29.9	53.4	88.0
-30°	4.9	5.2	5.9	6.1	6.7	8.0	10.6	16.8	29.3	52.1	85.5
-32.5°	4.9	5.2	5.9	6.1	6.6	7.9	10.3	16.7	28.8	49.8	81.3
-35°	4.9	5.2	5.9	6.1	6.5	7.7	10.0	16.4	27.9	46.5	75.6
-37.5°	4.9	5.2	5.9	6.1	6.4	7.6	9.8	15.7	26.5	42.3	67.7
-40°	4.9	5.2	5.9	6.1	6.3	7.5	9.5	14.6	24.7	39.4	60.3
-42.5°	4.9	5.2	5.9	6.1	6.3	7.3	9.2	13.1	22.8	35.9	52.4
-45°	4.9	5.2	5.9	6.1	6.4	7.2	8.7	11.8	20.6	31.8	44.4
-47.5°	4.9	5.2	5.9	6.2	6.4	7.0	8.1	11.1	17.9	27.3	39.4
-50°	4.9	5.2	5.9	6.2	6.4	6.9	7.9	10.3	14.5	23.4	33.9
-52.5°	4.9	5.2	5.9	6.2	6.5	6.7	7.7	9.4	12.5	19.2	28.1
-55°	4.9	5.2	5.9	6.2	6.5	6.7	7.5	8.4	11.2	14.8	23.1
-57.5°	4.9	5.2	5.9	6.2	6.5	6.8	7.3	8.2	9.9	12.6	17.9
-60°	4.9	5.2	5.9	6.2	6.5	6.8	7.1	7.9	8.7	11.1	13.6
-62.5°	4.9	5.1	5.9	6.2	6.5	6.8	7.1	7.6	8.4	9.5	11.8
-65°	4.9	5.1	5.8	6.2	6.4	6.9	7.1	7.4	8.1	8.8	10.0
-67.5°	4.9	5.1	5.7	6.1	6.4	6.8	7.2	7.4	7.7	8.5	9.2
-70°	4.9	5.1	5.7	6.1	6.3	6.7	7.2	7.4	7.6	8.1	8.7
-72.5°	4.9	5.1	5.6	6.0	6.2	6.5	7.0	7.3	7.5	7.8	8.3
-75°	4.9	5.0	5.5	5.8	6.1	6.3	6.7	7.0	7.3	7.5	7.9
-77.5°	4.9	5.0	5.4	5.7	5.9	6.2	6.4	6.7	6.9	7.2	7.4
-80°	4.9	5.0	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9
-82.5°	4.9	5.0	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.3	6.4
-85°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
-87.5°	4.9	4.9	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
82.5°	5.3	5.2	5.1	4.9	4.9	4.9	4.9	5.0	5.1	5.1	5.0
80°	5.7	5.5	5.4	5.3	5.4	5.6	5.7	5.9	5.8	5.6	5.3
77.5°	5.9	5.8	5.8	5.9	6.1	6.1	6.1	6.1	5.9	5.6	5.3
75°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.4	6.3	6.2
72.5°	6.1	6.1	6.1	6.1	6.1	6.3	6.6	7.0	7.3	7.3	7.2
70°	6.1	6.1	6.1	6.1	6.2	6.6	7.2	7.8	8.2	8.4	8.9
67.5°	6.1	6.1	6.1	6.2	6.6	7.3	7.9	9.1	10.5	11.1	11.9
65°	6.1	6.1	6.2	6.6	7.2	8.1	9.3	11.0	14.2	16.0	16.7
62.5°	6.1	6.2	6.5	7.1	7.8	8.9	11.3	14.9	19.4	22.0	21.8
60°	6.1	6.2	6.8	7.6	8.5	10.4	13.8	18.5	24.6	29.0	26.2
57.5°	6.1	6.5	7.3	8.4	9.8	11.4	15.8	21.6	27.7	34.4	29.4
55°	6.3	6.9	8.0	9.5	10.9	12.4	16.5	21.8	28.6	32.2	27.4
52.5°	6.7	7.5	9.0	10.5	11.8	12.8	14.7	19.7	23.3	26.0	23.4
50°	7.2	8.4	9.9	11.1	12.1	12.0	11.5	15.4	18.3	19.2	19.0
47.5°	7.8	9.2	10.3	11.4	11.6	11.3	10.2	12.0	14.1	15.0	14.4
45°	8.4	9.7	10.7	11.1	11.3	10.9	10.5	10.0	12.2	12.6	12.1
42.5°	9.0	10.0	10.8	10.9	11.4	11.6	11.6	11.2	11.5	11.8	11.7
40°	9.3	10.4	11.0	12.0	12.2	13.3	14.0	13.9	11.8	13.1	13.3
37.5°	9.5	10.7	12.0	14.4	14.1	15.9	17.1	18.9	17.2	16.2	18.1
35°	9.8	11.2	15.2	18.2	18.4	19.4	23.7	25.7	24.4	23.1	25.5
32.5°	10.2	11.8	19.5	22.6	24.4	26.1	32.1	33.2	34.3	35.0	36.8
30°	11.2	15.7	24.4	27.6	31.4	37.9	41.1	42.2	46.6	52.5	68.7
27.5°	13.5	20.9	29.1	34.1	40.1	51.2	55.4	56.0	63.3	78.8	117.8
25°	16.3	33.1	34.1	41.4	52.6	66.0	74.6	83.0	85.7	132.5	225.3
22.5°	22.9	48.7	54.2	49.3	66.0	83.2	101.6	125.1	160.6	214.5	352.2
20°	34.4	65.8	79.2	82.7	86.8	102.7	132.9	180.2	291.3	483.1	666.0
17.5°	47.7	85.6	107.2	124.8	144.5	150.9	170.5	246.0	456.1	865.9	1345.3
15°	62.4	107.4	137.4	171.9	208.4	236.4	277.4	395.3	734.2	1394.7	2217.9
12.5°	77.9	130.8	169.3	222.9	276.9	327.1	404.0	656.1	1226.1	2142.3	3391.1
10°	93.8	155.1	202.3	276.5	348.7	421.5	535.2	954.6	1807.9	2939.0	4459.8
7.5°	111.2	179.0	235.2	331.5	422.4	517.8	668.5	1275.6	2410.3	3674.9	5385.6
5°	128.2	201.3	264.4	375.6	482.7	601.3	789.5	1601.2	3008.0	4346.2	6224.9
2.5°	143.9	222.2	292.5	415.7	532.3	662.4	856.1	1735.5	3352.2	4841.6	7052.4
0°	157.7	241.4	319.0	452.4	578.5	719.2	914.5	1832.7	3588.9	5221.4	7859.5
-2.5°	163.7	248.7	332.1	463.6	576.6	710.2	914.8	1864.9	3791.8	5672.7	8267.0
-5°	167.4	253.9	342.7	470.8	572.0	696.7	905.9	1850.7	3825.2	5777.0	8106.0
-7.5°	168.9	256.9	350.1	472.4	560.3	670.1	865.4	1715.5	3462.5	5298.5	7351.0
-10°	168.5	256.1	347.1	457.7	539.0	634.7	811.3	1537.4	3042.8	4758.6	6548.5
-12.5°	165.4	252.0	340.3	441.5	518.3	597.4	749.0	1318.1	2582.7	4173.3	5780.4
-15°	161.1	246.2	331.2	424.6	499.0	559.1	679.0	1059.2	2103.2	3648.3	5163.6
-17.5°	155.7	238.9	320.0	407.7	482.2	520.4	604.0	800.1	1674.3	3085.9	4542.6
-20°	149.5	230.3	306.8	391.4	466.6	495.0	564.3	721.4	1323.9	2459.2	3868.4



REPORT NUMBER: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	142.8	220.4	292.9	374.3	444.1	481.8	529.3	638.1	944.1	1773.0	3140.4
-25°	138.6	209.8	279.5	351.8	421.6	469.1	493.6	558.1	713.7	1337.9	2372.3
-27.5°	135.9	199.4	261.3	327.6	399.4	453.5	473.6	518.0	627.3	886.6	1650.3
-30°	131.2	183.4	241.6	302.8	372.3	428.6	461.0	487.0	553.0	695.0	1131.9
-32.5°	121.4	166.3	221.8	279.7	342.4	404.9	451.5	476.6	519.3	592.7	739.5
-35°	109.9	152.2	201.5	255.1	311.4	375.7	430.4	472.0	492.1	542.7	636.8
-37.5°	99.2	137.2	180.2	230.4	283.3	342.5	406.4	453.2	486.7	509.9	577.0
-40°	87.5	121.2	161.6	206.4	254.9	309.2	368.4	426.4	470.9	509.5	539.4
-42.5°	75.2	107.1	143.1	181.6	227.4	276.4	328.8	386.5	443.9	496.1	536.5
-45°	65.8	92.0	124.2	160.1	199.1	243.2	291.4	341.8	401.6	461.7	514.0
-47.5°	55.8	77.2	106.3	137.2	172.1	210.9	253.2	300.5	351.1	409.1	470.5
-50°	46.4	65.6	87.0	115.5	145.8	179.4	216.7	258.3	303.7	351.8	405.1
-52.5°	39.6	53.4	72.1	93.7	120.5	149.3	181.8	217.5	256.8	297.9	341.1
-55°	32.4	44.1	57.7	75.5	96.1	121.1	148.3	179.5	211.0	247.5	280.6
-57.5°	25.9	35.5	46.2	59.0	75.8	94.0	118.0	142.8	171.0	199.5	224.0
-60°	19.8	27.6	36.5	46.3	57.1	72.9	89.0	109.6	132.5	154.3	175.3
-62.5°	14.2	20.5	27.8	35.8	44.6	53.7	66.9	81.4	96.0	114.3	131.3
-65°	12.2	14.6	19.9	26.6	33.3	41.8	50.1	58.0	70.2	82.2	93.3
-67.5°	10.1	12.0	14.3	17.7	23.8	30.7	37.7	45.1	52.1	58.2	65.1
-70°	9.3	9.6	11.2	13.3	16.0	20.3	26.5	32.7	38.7	44.6	50.1
-72.5°	8.7	9.1	9.4	9.7	11.8	14.8	18.0	21.3	25.6	30.3	35.2
-75°	8.2	8.5	8.7	9.0	9.7	10.8	12.3	15.0	17.7	20.1	22.3
-77.5°	7.7	7.9	8.1	8.3	8.8	9.5	10.3	11.4	12.7	14.1	15.6
-80°	7.1	7.3	7.5	7.6	7.9	8.3	8.7	9.2	10.0	11.0	12.2
-82.5°	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.6	7.9	8.3	8.9
-85°	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.6	6.7	6.7	6.8
-87.5°	5.5	5.5	5.5	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



REPORT NUMBER: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.9	5.2	5.5	5.8	6.1	7.0	7.9	8.8	9.7	9.4	9.1
87.5°	4.9	4.6	4.3	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8
85°	4.9	4.8	4.7	4.7	4.7	4.4	4.1	3.8	3.5	3.0	2.4
82.5°	4.9	4.9	4.9	4.9	4.9	4.6	4.3	3.9	3.6	3.0	2.4
80°	4.9	4.9	4.9	4.9	4.9	4.6	4.3	4.0	3.6	3.0	2.4
77.5°	5.1	5.1	5.1	5.1	4.9	4.6	4.3	4.0	3.6	3.1	2.5
75°	6.1	6.0	5.7	5.4	5.0	4.7	4.3	4.0	3.7	3.3	3.0
72.5°	7.1	6.9	6.5	6.3	6.0	5.7	5.5	5.1	4.7	4.4	4.2
70°	9.3	9.6	9.3	8.9	8.1	7.5	7.0	6.5	6.0	5.5	4.9
67.5°	12.6	12.7	12.0	11.0	9.6	8.3	7.7	7.0	6.4	6.0	5.9
65°	16.6	15.1	13.6	11.9	10.1	8.4	7.8	7.1	6.5	6.1	6.1
62.5°	20.1	16.3	13.1	11.1	9.6	8.4	7.5	6.7	5.8	5.2	5.1
60°	21.7	15.4	11.0	9.6	8.4	7.4	6.6	5.9	5.3	4.8	4.5
57.5°	21.7	14.7	9.3	8.1	7.1	6.4	5.9	5.6	5.2	4.9	4.5
55°	19.7	13.0	7.8	7.0	6.7	6.3	6.0	5.6	5.3	4.9	4.5
52.5°	16.1	11.5	8.2	7.1	6.8	6.4	6.1	5.7	5.3	5.0	4.6
50°	14.0	10.5	8.4	7.2	6.9	6.5	6.1	6.0	6.0	5.8	5.5
47.5°	12.1	9.6	8.3	7.4	7.2	7.7	8.1	8.2	8.0	7.7	7.4
45°	10.6	9.3	8.6	9.0	9.4	10.1	10.5	10.6	10.6	10.6	10.5
42.5°	10.5	10.6	11.3	12.5	12.4	14.0	14.8	13.0	14.9	15.9	15.0
40°	13.9	14.3	17.6	20.4	22.9	23.3	27.2	27.8	28.3	30.0	30.3
37.5°	20.4	24.0	34.4	42.1	45.4	45.6	51.4	52.6	51.0	57.9	60.0
35°	31.3	47.5	64.2	73.9	79.4	83.5	91.3	100.2	96.0	111.4	116.8
32.5°	56.1	85.7	116.3	115.1	125.4	153.1	163.4	179.7	196.7	222.6	251.2
30°	94.5	174.5	209.7	196.9	226.0	265.5	265.8	311.1	374.3	428.0	508.9
27.5°	212.8	302.4	348.5	369.2	391.3	441.1	502.9	560.7	721.5	831.4	947.1
25°	361.3	484.9	534.3	611.1	680.8	727.0	913.9	1050.2	1281.4	1449.3	1623.0
22.5°	582.5	746.0	848.4	917.8	1152.5	1361.2	1560.8	1857.8	2087.4	2375.4	2592.3
20°	859.6	1080.3	1456.3	1751.4	1898.9	2342.1	2703.1	3010.1	3417.4	3774.4	4091.9
17.5°	1621.9	1745.9	2531.6	3300.4	3611.2	4184.3	5222.4	5614.1	6786.6	7645.1	8108.8
15°	2936.8	3536.7	4364.1	5645.9	7067.8	8191.0	9175.0	11190.2	13427.3	15410.5	17498.4
12.5°	4643.9	5817.1	7209.7	8777.7	11339.4	13372.4	15549.8	18429.6	22043.6	25189.0	28889.2
10°	6354.2	8336.5	10261.5	12704.6	15940.6	19079.3	22215.6	26776.9	32085.5	37182.3	41589.2
7.5°	7768.2	10455.7	13064.4	16442.0	20849.7	25222.7	29606.0	35639.1	42659.9	48476.9	53477.7
5°	9207.4	12573.0	15633.2	19528.6	24716.1	30042.2	35527.7	43050.3	51343.2	57930.0	63089.6
2.5°	10528.9	14342.7	17884.7	22228.2	28005.1	33216.1	39460.3	48695.3	58576.9	65682.7	71370.6
0°	11596.3	15170.7	18954.9	23326.1	29812.6	35556.8	42248.2	52151.4	62491.2	69590.7	74839.5
-2.5°	11366.5	14981.9	18520.0	22961.2	29473.3	34761.5	41535.7	51279.4	61495.2	68708.3	73422.4
-5°	10649.3	13849.2	17025.9	21196.9	26923.4	32076.5	38710.6	48726.3	58525.3	65880.9	71305.2
-7.5°	9588.7	12305.6	15186.9	18987.6	23972.2	28901.6	34671.8	42653.8	51799.7	58453.1	62384.8
-10°	8472.1	10721.6	13420.0	16631.9	20745.8	25173.3	29965.3	36359.5	44174.5	50009.2	53739.2
-12.5°	7493.4	9442.4	11849.6	14225.0	17581.5	21524.8	25780.0	31012.5	36169.2	42322.0	45546.8
-15°	6591.8	8216.3	10284.8	12562.5	15351.7	18450.9	21499.8	25417.7	28775.8	32619.1	35411.4
-17.5°	5837.5	7134.9	8967.7	11175.0	13275.2	15943.9	18853.5	21507.4	24346.5	27120.9	29436.5
-20°	5155.8	6226.2	7789.0	9732.4	11801.6	14071.0	16638.5	18798.7	21118.6	23226.9	25038.0



REPORT NUMBER: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	4381.1	5466.5	6676.8	8339.6	10411.9	12446.4	14347.7	15980.2	17733.3	19436.9	20722.9
-25°	3574.8	4616.6	5775.3	7344.5	9042.1	10754.0	12100.5	13249.9	14618.3	15845.9	16949.5
-27.5°	2741.0	3851.8	5101.5	6412.2	7888.8	8976.7	10109.8	11149.3	12189.3	13015.3	13947.3
-30°	1905.5	3117.6	4346.7	5587.3	6598.7	7467.1	8312.2	9265.5	10206.5	10991.5	11649.4
-32.5°	1308.6	2182.8	3423.2	4576.8	5441.4	6179.4	6832.1	7645.0	8374.2	9020.3	9595.9
-35°	786.0	1401.8	2253.5	3349.9	4295.9	5013.9	5678.8	6295.2	6839.5	7383.6	7816.5
-37.5°	673.3	809.7	1326.3	2055.4	2955.6	3824.6	4507.7	5084.6	5591.7	6010.8	6378.2
-40°	606.3	687.0	799.9	1048.7	1711.6	2375.2	3120.7	3778.3	4313.3	4706.9	5026.6
-42.5°	566.7	618.5	673.8	762.4	860.9	1175.9	1746.3	2291.2	2761.3	3197.3	3571.6
-45°	560.0	581.9	611.7	661.6	707.1	788.7	877.9	965.0	1334.8	1685.3	1972.8
-47.5°	518.1	562.7	590.0	612.4	636.2	674.8	712.5	752.8	820.1	883.2	937.4
-50°	456.9	504.9	546.2	586.5	607.6	623.2	638.8	658.8	685.1	709.1	731.1
-52.5°	381.7	428.0	474.3	517.2	550.8	581.6	609.4	622.3	632.2	641.2	648.3
-55°	315.1	351.6	388.0	427.2	466.0	502.9	534.8	555.8	574.8	591.6	605.9
-57.5°	252.2	280.7	310.3	342.2	373.2	403.0	431.4	457.2	480.2	500.2	517.0
-60°	195.4	214.6	239.4	264.7	288.8	311.6	334.6	355.5	374.5	391.1	404.1
-62.5°	146.6	162.5	181.4	199.2	215.0	232.1	253.6	271.5	286.3	298.2	308.8
-65°	105.3	118.6	133.8	148.7	163.4	178.0	193.0	207.5	221.3	232.3	240.1
-67.5°	74.8	84.2	94.9	104.1	115.1	127.9	141.5	154.0	165.3	173.1	177.8
-70°	55.1	60.6	68.3	77.3	86.5	94.9	103.6	112.2	120.7	126.7	131.3
-72.5°	40.2	45.7	51.3	57.1	63.3	69.6	75.9	82.2	88.6	92.6	95.4
-75°	24.4	27.6	32.5	37.3	42.0	46.3	50.4	54.3	57.9	59.8	61.0
-77.5°	17.5	19.8	22.2	24.7	27.2	29.8	32.4	34.9	37.5	38.6	39.5
-80°	13.3	14.6	16.0	17.4	18.9	20.5	22.1	23.7	25.3	25.5	25.6
-82.5°	9.5	10.4	11.3	12.3	13.2	14.0	14.9	15.7	16.5	16.6	16.8
-85°	6.9	7.4	8.0	8.6	9.2	9.9	10.5	11.2	11.8	11.9	12.0
-87.5°	5.9	6.2	6.5	6.9	7.2	7.6	7.9	8.2	8.5	8.5	8.5
-90°	4.9	4.6	4.3	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8



REPORT NUMBER: P1306055 (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°
90°	8.8	8.5	8.5	8.5	8.5	8.5	8.8	9.1	9.4	9.7	8.8
87.5°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.1	2.4	2.7
85°	1.8	1.2	1.2	1.2	1.2	1.2	1.8	2.4	3.0	3.5	3.8
82.5°	1.8	1.2	1.2	1.2	1.2	1.2	1.8	2.4	3.0	3.6	3.9
80°	1.8	1.2	1.2	1.2	1.2	1.2	1.8	2.4	3.0	3.6	4.0
77.5°	1.8	1.2	1.2	1.2	1.2	1.2	1.8	2.5	3.1	3.6	4.0
75°	2.7	2.4	1.8	1.2	1.8	2.4	2.7	3.0	3.3	3.7	4.0
72.5°	3.9	3.6	3.6	3.6	3.6	3.6	3.9	4.2	4.4	4.7	5.1
70°	4.3	3.7	3.6	3.6	3.6	3.7	4.3	4.9	5.5	6.0	6.5
67.5°	6.0	6.0	5.5	4.9	5.5	6.0	6.0	5.9	6.0	6.4	7.0
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.5	7.1
62.5°	5.0	5.0	4.9	4.9	4.9	5.0	5.0	5.1	5.2	5.8	6.7
60°	4.2	3.8	3.6	3.6	3.6	3.8	4.2	4.5	4.8	5.3	5.9
57.5°	4.1	3.7	3.6	3.6	3.6	3.7	4.1	4.5	4.9	5.2	5.6
55°	4.1	3.7	3.6	3.6	3.6	3.7	4.1	4.5	4.9	5.3	5.6
52.5°	4.2	3.8	4.1	4.9	4.1	3.8	4.2	4.6	5.0	5.3	5.7
50°	5.3	5.0	4.9	4.9	4.9	5.0	5.3	5.5	5.8	6.0	6.0
47.5°	7.0	6.4	6.1	6.1	6.1	6.4	7.0	7.4	7.7	8.0	8.2
45°	9.9	9.0	8.4	8.5	8.4	9.0	9.9	10.5	10.6	10.6	10.6
42.5°	14.9	14.6	14.5	14.6	14.5	14.6	14.9	15.0	15.9	14.9	13.0
40°	31.9	32.4	32.2	32.7	32.2	32.4	31.9	30.3	30.0	28.3	27.8
37.5°	60.2	58.2	55.1	55.8	55.1	58.2	60.2	60.0	57.9	51.0	52.6
35°	117.5	120.5	120.3	121.3	120.3	120.5	117.5	116.8	111.4	96.0	100.2
32.5°	271.8	286.2	286.5	292.3	286.5	286.2	271.8	251.2	222.6	196.7	179.7
30°	533.9	545.4	528.1	536.1	528.1	545.4	533.9	508.9	428.0	374.3	311.1
27.5°	1007.2	1049.6	1049.1	1030.9	1049.1	1049.6	1007.2	947.1	831.4	721.5	560.7
25°	1769.1	1834.6	1822.5	1801.1	1822.5	1834.6	1769.1	1623.0	1449.3	1281.4	1050.2
22.5°	2789.2	2897.5	2984.3	2927.9	2984.3	2897.5	2789.2	2592.3	2375.4	2087.4	1857.8
20°	4559.0	4589.9	4682.1	4649.0	4682.1	4589.9	4559.0	4091.9	3774.4	3417.4	3010.1
17.5°	9365.0	9700.9	9467.1	8755.8	9467.1	9700.9	9365.0	8108.8	7645.1	6786.6	5614.1
15°	18965.0	20373.1	21466.6	20866.4	21466.6	20373.1	18965.0	17498.4	15410.5	13427.3	11190.2
12.5°	31057.7	32096.8	32791.8	32843.0	32791.8	32096.8	31057.7	28889.2	25189.0	22043.6	18429.6
10°	44577.6	45495.7	46725.5	46898.4	46725.5	45495.7	44577.6	41589.2	37182.3	32085.5	26776.9
7.5°	55959.5	57821.3	58683.4	58567.5	58683.4	57821.3	55959.5	53477.7	48476.9	42659.9	35639.1
5°	66138.7	68067.6	68912.4	69052.8	68912.4	68067.6	66138.7	63089.6	57930.0	51343.2	43050.3
2.5°	74777.7	76725.1	77740.2	77461.8	77740.2	76725.1	74777.7	71370.6	65682.7	58576.9	48695.3
0°	77572.7	79106.4	79957.2	79723.8	79957.2	79106.4	77572.7	74839.5	69590.7	62491.2	52151.4
-2.5°	75795.9	76720.1	77361.3	77113.6	77361.3	76720.1	75795.9	73422.4	68708.3	61495.2	51279.4
-5°	73826.9	74923.5	75163.4	75456.9	75163.4	74923.5	73826.9	71305.2	65880.9	58525.3	48726.3
-7.5°	63880.4	65053.4	65440.8	66027.9	65440.8	65053.4	63880.4	62384.8	58453.1	51799.7	42653.8
-10°	55768.8	57084.5	57147.9	57509.9	57147.9	57084.5	55768.8	53739.2	50009.2	44174.5	36359.5
-12.5°	48974.2	50784.8	51385.5	51241.8	51385.5	50784.8	48974.2	45546.8	42322.0	36169.2	31012.5
-15°	39128.9	40675.6	40785.9	40858.3	40785.9	40675.6	39128.9	35411.4	32619.1	28775.8	25417.7
-17.5°	31893.6	33396.5	33975.9	34155.9	33975.9	33396.5	31893.6	29436.5	27120.9	24346.5	21507.4
-20°	26592.7	27711.7	28419.3	28712.5	28419.3	27711.7	26592.7	25038.0	23226.9	21118.6	18798.7



REPORT NUMBER: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21847.0	22556.3	22815.0	22879.8	22815.0	22556.3	21847.0	20722.9	19436.9	17733.3	15980.2
-25°	17724.8	18288.1	18615.6	18752.3	18615.6	18288.1	17724.8	16949.5	15845.9	14618.3	13249.9
-27.5°	14551.8	15053.1	15368.4	15416.9	15368.4	15053.1	14551.8	13947.3	13015.3	12189.3	11149.3
-30°	12153.0	12593.3	12887.9	12968.1	12887.9	12593.3	12153.0	11649.4	10991.5	10206.5	9265.5
-32.5°	10070.0	10446.8	10678.0	10777.6	10678.0	10446.8	10070.0	9595.9	9020.3	8374.2	7645.0
-35°	8139.7	8393.1	8541.2	8492.6	8541.2	8393.1	8139.7	7816.5	7383.6	6839.5	6295.2
-37.5°	6672.8	6876.6	6987.5	6993.5	6987.5	6876.6	6672.8	6378.2	6010.8	5591.7	5084.6
-40°	5291.3	5498.4	5623.2	5630.2	5623.2	5498.4	5291.3	5026.6	4706.9	4313.3	3778.3
-42.5°	3869.3	4081.2	4226.0	4320.3	4226.0	4081.2	3869.3	3571.6	3197.3	2761.3	2291.2
-45°	2212.7	2395.8	2535.5	2636.8	2535.5	2395.8	2212.7	1972.8	1685.3	1334.8	965.0
-47.5°	977.9	1007.6	1020.5	1016.4	1020.5	1007.6	977.9	937.4	883.2	820.1	752.8
-50°	751.3	768.8	777.7	777.5	777.7	768.8	751.3	731.1	709.1	685.1	658.8
-52.5°	653.9	658.3	660.9	662.2	660.9	658.3	653.9	648.3	641.2	632.2	622.3
-55°	617.7	627.0	630.5	629.5	630.5	627.0	617.7	605.9	591.6	574.8	555.8
-57.5°	531.3	542.7	550.4	554.3	550.4	542.7	531.3	517.0	500.2	480.2	457.2
-60°	413.9	420.7	425.0	426.9	425.0	420.7	413.9	404.1	391.1	374.5	355.5
-62.5°	317.9	325.7	329.6	331.1	329.6	325.7	317.9	308.8	298.2	286.3	271.5
-65°	246.9	252.6	255.7	257.1	255.7	252.6	246.9	240.1	232.3	221.3	207.5
-67.5°	181.4	183.9	185.2	185.6	185.2	183.9	181.4	177.8	173.1	165.3	154.0
-70°	135.4	139.2	141.5	143.1	141.5	139.2	135.4	131.3	126.7	120.7	112.2
-72.5°	97.7	99.6	101.0	101.9	101.0	99.6	97.7	95.4	92.6	88.6	82.2
-75°	61.9	62.6	63.0	63.1	63.0	62.6	61.9	61.0	59.8	57.9	54.3
-77.5°	40.2	40.9	41.8	42.5	41.8	40.9	40.2	39.5	38.6	37.5	34.9
-80°	25.5	25.4	25.5	25.5	25.5	25.4	25.5	25.6	25.5	25.3	23.7
-82.5°	16.9	16.9	17.0	17.0	17.0	16.9	16.9	16.8	16.6	16.5	15.7
-85°	12.0	12.1	12.1	12.1	12.1	12.1	12.0	12.0	11.9	11.8	11.2
-87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.2
-90°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.1	2.4	2.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.9	7.0	6.1	5.8	5.5	5.2	4.9	4.9	4.9	4.9	4.9
87.5°	3.0	3.3	3.6	3.9	4.3	4.6	4.9	4.9	4.9	4.9	4.9
85°	4.1	4.4	4.7	4.7	4.7	4.8	4.9	4.9	4.9	4.9	4.9
82.5°	4.3	4.6	4.9	4.9	4.9	4.9	4.9	5.0	5.1	5.1	5.0
80°	4.3	4.6	4.9	4.9	4.9	4.9	4.9	5.3	5.6	5.8	5.9
77.5°	4.3	4.6	4.9	5.1	5.1	5.1	5.1	5.3	5.6	5.9	6.1
75°	4.3	4.7	5.0	5.4	5.7	6.0	6.1	6.2	6.3	6.4	6.3
72.5°	5.5	5.7	6.0	6.3	6.5	6.9	7.1	7.2	7.3	7.3	7.0
70°	7.0	7.5	8.1	8.9	9.3	9.6	9.3	8.9	8.4	8.2	7.8
67.5°	7.7	8.3	9.6	11.0	12.0	12.7	12.6	11.9	11.1	10.5	9.1
65°	7.8	8.4	10.1	11.9	13.6	15.1	16.6	16.7	16.0	14.2	11.0
62.5°	7.5	8.4	9.6	11.1	13.1	16.3	20.1	21.8	22.0	19.4	14.9
60°	6.6	7.4	8.4	9.6	11.0	15.4	21.7	26.2	29.0	24.6	18.5
57.5°	5.9	6.4	7.1	8.1	9.3	14.7	21.7	29.4	34.4	27.7	21.6
55°	6.0	6.3	6.7	7.0	7.8	13.0	19.7	27.4	32.2	28.6	21.8
52.5°	6.1	6.4	6.8	7.1	8.2	11.5	16.1	23.4	26.0	23.3	19.7
50°	6.1	6.5	6.9	7.2	8.4	10.5	14.0	19.0	19.2	18.3	15.4
47.5°	8.1	7.7	7.2	7.4	8.3	9.6	12.1	14.4	15.0	14.1	12.0
45°	10.5	10.1	9.4	9.0	8.6	9.3	10.6	12.1	12.6	12.2	10.0
42.5°	14.8	14.0	12.4	12.5	11.3	10.6	10.5	11.7	11.8	11.5	11.2
40°	27.2	23.3	22.9	20.4	17.6	14.3	13.9	13.3	13.1	11.8	13.9
37.5°	51.4	45.6	45.4	42.1	34.4	24.0	20.4	18.1	16.2	17.2	18.9
35°	91.3	83.5	79.4	73.9	64.2	47.5	31.3	25.5	23.1	24.4	25.7
32.5°	163.4	153.1	125.4	115.1	116.3	85.7	56.1	36.8	35.0	34.3	33.2
30°	265.8	265.5	226.0	196.9	209.7	174.5	94.5	68.7	52.5	46.6	42.2
27.5°	502.9	441.1	391.3	369.2	348.5	302.4	212.8	117.8	78.8	63.3	56.0
25°	913.9	727.0	680.8	611.1	534.3	484.9	361.3	225.3	132.5	85.7	83.0
22.5°	1560.8	1361.2	1152.5	917.8	848.4	746.0	582.5	352.2	214.5	160.6	125.1
20°	2703.1	2342.1	1898.9	1751.4	1456.3	1080.3	859.6	666.0	483.1	291.3	180.2
17.5°	5222.4	4184.3	3611.2	3300.4	2531.6	1745.9	1621.9	1345.3	865.9	456.1	246.0
15°	9175.0	8191.0	7067.8	5645.9	4364.1	3536.7	2936.8	2217.9	1394.7	734.2	395.3
12.5°	15549.8	13372.4	11339.4	8777.7	7209.7	5817.1	4643.9	3391.1	2142.3	1226.1	656.1
10°	22215.6	19079.3	15940.6	12704.6	10261.5	8336.5	6354.2	4459.8	2939.0	1807.9	954.6
7.5°	29606.0	25222.7	20849.7	16442.0	13064.4	10455.7	7768.2	5385.6	3674.9	2410.3	1275.6
5°	35527.7	30042.2	24716.1	19528.6	15633.2	12573.0	9207.4	6224.9	4346.2	3008.0	1601.2
2.5°	39460.3	33216.1	28005.1	22228.2	17884.7	14342.7	10528.9	7052.4	4841.6	3352.2	1735.5
0°	42248.2	35556.8	29812.6	23326.1	18954.9	15170.7	11596.3	7859.5	5221.4	3588.9	1832.7
-2.5°	41535.7	34761.5	29473.3	22961.2	18520.0	14981.9	11366.5	8267.0	5672.7	3791.8	1864.9
-5°	38710.6	32076.5	26923.4	21196.9	17025.9	13849.2	10649.3	8106.0	5777.0	3825.2	1850.7
-7.5°	34671.8	28901.6	23972.2	18987.6	15186.9	12305.6	9588.7	7351.0	5298.5	3462.5	1715.5
-10°	29965.3	25173.3	20745.8	16631.9	13420.0	10721.6	8472.1	6548.5	4758.6	3042.8	1537.4
-12.5°	25780.0	21524.8	17581.5	14225.0	11849.6	9442.4	7493.4	5780.4	4173.3	2582.7	1318.1
-15°	21499.8	18450.9	15351.7	12562.5	10284.8	8216.3	6591.8	5163.6	3648.3	2103.2	1059.2
-17.5°	18853.5	15943.9	13275.2	11175.0	8967.7	7134.9	5837.5	4542.6	3085.9	1674.3	800.1
-20°	16638.5	14071.0	11801.6	9732.4	7789.0	6226.2	5155.8	3868.4	2459.2	1323.9	721.4



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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°	14347.7	12446.4	10411.9	8339.6	6676.8	5466.5	4381.1	3140.4	1773.0	944.1	638.1
-25°	12100.5	10754.0	9042.1	7344.5	5775.3	4616.6	3574.8	2372.3	1337.9	713.7	558.1
-27.5°	10109.8	8976.7	7888.8	6412.2	5101.5	3851.8	2741.0	1650.3	886.6	627.3	518.0
-30°	8312.2	7467.1	6598.7	5587.3	4346.7	3117.6	1905.5	1131.9	695.0	553.0	487.0
-32.5°	6832.1	6179.4	5441.4	4576.8	3423.2	2182.8	1308.6	739.5	592.7	519.3	476.6
-35°	5678.8	5013.9	4295.9	3349.9	2253.5	1401.8	786.0	636.8	542.7	492.1	472.0
-37.5°	4507.7	3824.6	2955.6	2055.4	1326.3	809.7	673.3	577.0	509.9	486.7	453.2
-40°	3120.7	2375.2	1711.6	1048.7	799.9	687.0	606.3	539.4	509.5	470.9	426.4
-42.5°	1746.3	1175.9	860.9	762.4	673.8	618.5	566.7	536.5	496.1	443.9	386.5
-45°	877.9	788.7	707.1	661.6	611.7	581.9	560.0	514.0	461.7	401.6	341.8
-47.5°	712.5	674.8	636.2	612.4	590.0	562.7	518.1	470.5	409.1	351.1	300.5
-50°	638.8	623.2	607.6	586.5	546.2	504.9	456.9	405.1	351.8	303.7	258.3
-52.5°	609.4	581.6	550.8	517.2	474.3	428.0	381.7	341.1	297.9	256.8	217.5
-55°	534.8	502.9	466.0	427.2	388.0	351.6	315.1	280.6	247.5	211.0	179.5
-57.5°	431.4	403.0	373.2	342.2	310.3	280.7	252.2	224.0	199.5	171.0	142.8
-60°	334.6	311.6	288.8	264.7	239.4	214.6	195.4	175.3	154.3	132.5	109.6
-62.5°	253.6	232.1	215.0	199.2	181.4	162.5	146.6	131.3	114.3	96.0	81.4
-65°	193.0	178.0	163.4	148.7	133.8	118.6	105.3	93.3	82.2	70.2	58.0
-67.5°	141.5	127.9	115.1	104.1	94.9	84.2	74.8	65.1	58.2	52.1	45.1
-70°	103.6	94.9	86.5	77.3	68.3	60.6	55.1	50.1	44.6	38.7	32.7
-72.5°	75.9	69.6	63.3	57.1	51.3	45.7	40.2	35.2	30.3	25.6	21.3
-75°	50.4	46.3	42.0	37.3	32.5	27.6	24.4	22.3	20.1	17.7	15.0
-77.5°	32.4	29.8	27.2	24.7	22.2	19.8	17.5	15.6	14.1	12.7	11.4
-80°	22.1	20.5	18.9	17.4	16.0	14.6	13.3	12.2	11.0	10.0	9.2
-82.5°	14.9	14.0	13.2	12.3	11.3	10.4	9.5	8.9	8.3	7.9	7.6
-85°	10.5	9.9	9.2	8.6	8.0	7.4	6.9	6.8	6.7	6.7	6.6
-87.5°	7.9	7.6	7.2	6.9	6.5	6.2	5.9	5.9	5.8	5.8	5.7
-90°	3.0	3.3	3.6	3.9	4.3	4.6	4.9	4.9	4.9	4.9	4.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.1	5.2
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1	5.3	5.4
82.5°	4.9	4.9	4.9	4.9	5.1	5.2	5.3	5.2	5.3	5.5	5.7
80°	5.7	5.6	5.4	5.3	5.4	5.5	5.7	5.7	5.7	5.7	5.9
77.5°	6.1	6.1	6.1	5.9	5.8	5.8	5.9	6.1	6.0	5.9	6.0
75°	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.1	6.1	6.1	6.1
72.5°	6.6	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
70°	7.2	6.6	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
67.5°	7.9	7.3	6.6	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	9.3	8.1	7.2	6.6	6.2	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	11.3	8.9	7.8	7.1	6.5	6.2	6.1	6.1	6.1	6.1	6.1
60°	13.8	10.4	8.5	7.6	6.8	6.2	6.1	6.1	6.1	6.1	6.1
57.5°	15.8	11.4	9.8	8.4	7.3	6.5	6.1	6.1	6.1	6.1	6.1
55°	16.5	12.4	10.9	9.5	8.0	6.9	6.3	6.1	6.1	6.1	6.1
52.5°	14.7	12.8	11.8	10.5	9.0	7.5	6.7	6.1	6.1	6.1	6.1
50°	11.5	12.0	12.1	11.1	9.9	8.4	7.2	6.5	6.1	6.1	6.2
47.5°	10.2	11.3	11.6	11.4	10.3	9.2	7.8	6.9	6.1	6.1	6.3
45°	10.5	10.9	11.3	11.1	10.7	9.7	8.4	7.2	6.4	6.2	6.4
42.5°	11.6	11.6	11.4	10.9	10.8	10.0	9.0	7.7	6.8	6.4	6.5
40°	14.0	13.3	12.2	12.0	11.0	10.4	9.3	8.1	7.1	6.6	6.7
37.5°	17.1	15.9	14.1	14.4	12.0	10.7	9.5	8.4	7.6	7.1	6.9
35°	23.7	19.4	18.4	18.2	15.2	11.2	9.8	8.6	8.1	7.5	7.1
32.5°	32.1	26.1	24.4	22.6	19.5	11.8	10.2	9.4	8.7	7.9	7.3
30°	41.1	37.9	31.4	27.6	24.4	15.7	11.2	10.3	9.3	8.3	7.6
27.5°	55.4	51.2	40.1	34.1	29.1	20.9	13.5	11.3	9.9	8.7	7.9
25°	74.6	66.0	52.6	41.4	34.1	33.1	16.3	12.6	10.7	9.2	8.3
22.5°	101.6	83.2	66.0	49.3	54.2	48.7	22.9	14.8	11.6	9.8	8.6
20°	132.9	102.7	86.8	82.7	79.2	65.8	34.4	17.2	12.6	10.3	8.9
17.5°	170.5	150.9	144.5	124.8	107.2	85.6	47.7	19.9	13.7	10.8	9.2
15°	277.4	236.4	208.4	171.9	137.4	107.4	62.4	22.8	14.7	11.3	9.4
12.5°	404.0	327.1	276.9	222.9	169.3	130.8	77.9	25.8	15.8	11.7	9.5
10°	535.2	421.5	348.7	276.5	202.3	155.1	93.8	29.0	17.2	12.1	9.6
7.5°	668.5	517.8	422.4	331.5	235.2	179.0	111.2	32.9	18.7	12.4	9.6
5°	789.5	601.3	482.7	375.6	264.4	201.3	128.2	36.8	20.2	12.8	9.7
2.5°	856.1	662.4	532.3	415.7	292.5	222.2	143.9	40.4	21.7	13.1	9.7
0°	914.5	719.2	578.5	452.4	319.0	241.4	157.7	43.7	23.0	13.3	9.7
-2.5°	914.8	710.2	576.6	463.6	332.1	248.7	163.7	53.3	28.9	16.6	10.8
-5°	905.9	696.7	572.0	470.8	342.7	253.9	167.4	62.3	34.6	19.7	11.9
-7.5°	865.4	670.1	560.3	472.4	350.1	256.9	168.9	70.5	39.7	22.5	12.9
-10°	811.3	634.7	539.0	457.7	347.1	256.1	168.5	77.6	44.3	25.0	13.7
-12.5°	749.0	597.4	518.3	441.5	340.3	252.0	165.4	83.1	48.2	27.0	14.4
-15°	679.0	559.1	499.0	424.6	331.2	246.2	161.1	87.2	51.5	28.8	14.8
-17.5°	604.0	520.4	482.2	407.7	320.0	238.9	155.7	89.9	53.8	30.2	15.5
-20°	564.3	495.0	466.6	391.4	306.8	230.3	149.5	91.2	55.2	31.1	16.3



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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°	529.3	481.8	444.1	374.3	292.9	220.4	142.8	90.9	55.6	31.4	16.9
-25°	493.6	469.1	421.6	351.8	279.5	209.8	138.6	89.1	54.8	31.0	17.2
-27.5°	473.6	453.5	399.4	327.6	261.3	199.4	135.9	88.0	53.4	29.9	17.2
-30°	461.0	428.6	372.3	302.8	241.6	183.4	131.2	85.5	52.1	29.3	16.8
-32.5°	451.5	404.9	342.4	279.7	221.8	166.3	121.4	81.3	49.8	28.8	16.7
-35°	430.4	375.7	311.4	255.1	201.5	152.2	109.9	75.6	46.5	27.9	16.4
-37.5°	406.4	342.5	283.3	230.4	180.2	137.2	99.2	67.7	42.3	26.5	15.7
-40°	368.4	309.2	254.9	206.4	161.6	121.2	87.5	60.3	39.4	24.7	14.6
-42.5°	328.8	276.4	227.4	181.6	143.1	107.1	75.2	52.4	35.9	22.8	13.1
-45°	291.4	243.2	199.1	160.1	124.2	92.0	65.8	44.4	31.8	20.6	11.8
-47.5°	253.2	210.9	172.1	137.2	106.3	77.2	55.8	39.4	27.3	17.9	11.1
-50°	216.7	179.4	145.8	115.5	87.0	65.6	46.4	33.9	23.4	14.5	10.3
-52.5°	181.8	149.3	120.5	93.7	72.1	53.4	39.6	28.1	19.2	12.5	9.4
-55°	148.3	121.1	96.1	75.5	57.7	44.1	32.4	23.1	14.8	11.2	8.4
-57.5°	118.0	94.0	75.8	59.0	46.2	35.5	25.9	17.9	12.6	9.9	8.2
-60°	89.0	72.9	57.1	46.3	36.5	27.6	19.8	13.6	11.1	8.7	7.9
-62.5°	66.9	53.7	44.6	35.8	27.8	20.5	14.2	11.8	9.5	8.4	7.6
-65°	50.1	41.8	33.3	26.6	19.9	14.6	12.2	10.0	8.8	8.1	7.4
-67.5°	37.7	30.7	23.8	17.7	14.3	12.0	10.1	9.2	8.5	7.7	7.4
-70°	26.5	20.3	16.0	13.3	11.2	9.6	9.3	8.7	8.1	7.6	7.4
-72.5°	18.0	14.8	11.8	9.7	9.4	9.1	8.7	8.3	7.8	7.5	7.3
-75°	12.3	10.8	9.7	9.0	8.7	8.5	8.2	7.9	7.5	7.3	7.0
-77.5°	10.3	9.5	8.8	8.3	8.1	7.9	7.7	7.4	7.2	6.9	6.7
-80°	8.7	8.3	7.9	7.6	7.5	7.3	7.1	6.9	6.7	6.5	6.3
-82.5°	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.4	6.3	6.1	6.0
-85°	6.5	6.4	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6
-87.5°	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	5.2	5.2	5.1	5.1	5.0	4.9	4.9
85°	5.5	5.4	5.3	5.2	5.1	5.0	4.9
82.5°	5.8	5.7	5.5	5.4	5.2	5.0	4.9
80°	6.1	5.9	5.7	5.5	5.3	5.0	4.9
77.5°	6.1	6.1	5.9	5.7	5.4	5.0	4.9
75°	6.1	6.1	6.1	5.8	5.5	5.0	4.9
72.5°	6.1	6.1	6.1	6.0	5.6	5.1	4.9
70°	6.1	6.1	6.1	6.1	5.7	5.1	4.9
67.5°	6.1	6.1	6.1	6.1	5.7	5.1	4.9
65°	6.1	6.1	6.1	6.1	5.8	5.1	4.9
62.5°	6.1	6.1	6.1	6.1	5.9	5.1	4.9
60°	6.1	6.1	6.1	6.1	5.9	5.2	4.9
57.5°	6.1	6.1	6.1	6.1	5.9	5.2	4.9
55°	6.1	6.1	6.1	6.1	5.9	5.2	4.9
52.5°	6.1	6.1	6.1	6.1	5.9	5.2	4.9
50°	6.1	6.1	6.1	6.1	5.9	5.2	4.9
47.5°	6.1	6.1	6.1	6.1	5.9	5.2	4.9
45°	6.2	6.1	6.1	6.1	5.9	5.2	4.9
42.5°	6.3	6.1	6.1	6.1	5.9	5.2	4.9
40°	6.5	6.1	6.1	6.1	5.9	5.2	4.9
37.5°	6.6	6.1	6.1	6.1	5.9	5.2	4.9
35°	6.8	6.2	6.1	6.1	5.9	5.2	4.9
32.5°	7.0	6.3	6.1	6.1	5.9	5.2	4.9
30°	7.1	6.4	6.1	6.1	5.9	5.2	4.9
27.5°	7.3	6.6	6.1	6.1	6.0	5.1	4.9
25°	7.6	6.7	6.1	6.1	6.0	5.1	4.9
22.5°	7.8	6.8	6.1	6.1	6.0	5.1	4.9
20°	8.0	6.9	6.1	6.1	6.0	5.1	4.9
17.5°	8.2	7.0	6.1	6.1	6.0	5.1	4.9
15°	8.2	7.1	6.1	6.1	6.0	5.1	4.9
12.5°	8.3	7.2	6.1	6.1	6.1	5.0	4.9
10°	8.4	7.2	6.1	6.1	6.1	5.0	4.9
7.5°	8.4	7.2	6.1	6.1	6.1	5.0	4.9
5°	8.5	7.3	6.1	6.1	6.1	5.0	4.9
2.5°	8.5	7.3	6.1	6.1	6.1	4.9	4.9
0°	8.5	7.3	6.1	6.1	6.1	4.9	4.9
-2.5°	8.7	7.4	6.2	6.1	6.1	4.9	4.9
-5°	8.8	7.5	6.3	6.1	6.1	5.0	4.9
-7.5°	8.9	7.6	6.4	6.1	6.1	5.0	4.9
-10°	9.0	7.7	6.5	6.1	6.1	5.0	4.9
-12.5°	9.1	7.8	6.6	6.1	6.1	5.0	4.9
-15°	9.2	7.9	6.6	6.1	6.0	5.1	4.9
-17.5°	9.3	7.9	6.7	6.1	6.0	5.1	4.9
-20°	9.6	8.0	6.7	6.1	6.0	5.1	4.9



REPORT NUMBER: P1306055 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.1	8.0	6.7	6.1	6.0	5.1	4.9
-25°	10.5	8.0	6.7	6.1	6.0	5.1	4.9
-27.5°	10.6	8.0	6.7	6.1	6.0	5.1	4.9
-30°	10.6	8.0	6.7	6.1	5.9	5.2	4.9
-32.5°	10.3	7.9	6.6	6.1	5.9	5.2	4.9
-35°	10.0	7.7	6.5	6.1	5.9	5.2	4.9
-37.5°	9.8	7.6	6.4	6.1	5.9	5.2	4.9
-40°	9.5	7.5	6.3	6.1	5.9	5.2	4.9
-42.5°	9.2	7.3	6.3	6.1	5.9	5.2	4.9
-45°	8.7	7.2	6.4	6.1	5.9	5.2	4.9
-47.5°	8.1	7.0	6.4	6.2	5.9	5.2	4.9
-50°	7.9	6.9	6.4	6.2	5.9	5.2	4.9
-52.5°	7.7	6.7	6.5	6.2	5.9	5.2	4.9
-55°	7.5	6.7	6.5	6.2	5.9	5.2	4.9
-57.5°	7.3	6.8	6.5	6.2	5.9	5.2	4.9
-60°	7.1	6.8	6.5	6.2	5.9	5.2	4.9
-62.5°	7.1	6.8	6.5	6.2	5.9	5.1	4.9
-65°	7.1	6.9	6.4	6.2	5.8	5.1	4.9
-67.5°	7.2	6.8	6.4	6.1	5.7	5.1	4.9
-70°	7.2	6.7	6.3	6.1	5.7	5.1	4.9
-72.5°	7.0	6.5	6.2	6.0	5.6	5.1	4.9
-75°	6.7	6.3	6.1	5.8	5.5	5.0	4.9
-77.5°	6.4	6.2	5.9	5.7	5.4	5.0	4.9
-80°	6.1	5.9	5.7	5.5	5.3	5.0	4.9
-82.5°	5.8	5.7	5.5	5.4	5.2	5.0	4.9
-85°	5.5	5.4	5.3	5.2	5.1	5.0	4.9
-87.5°	5.2	5.2	5.1	5.1	5.0	4.9	4.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9

(END OF REPORT)