

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: P1305988 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-7F-HEG-A**

Issue Date: 2/3/2026

Test Information

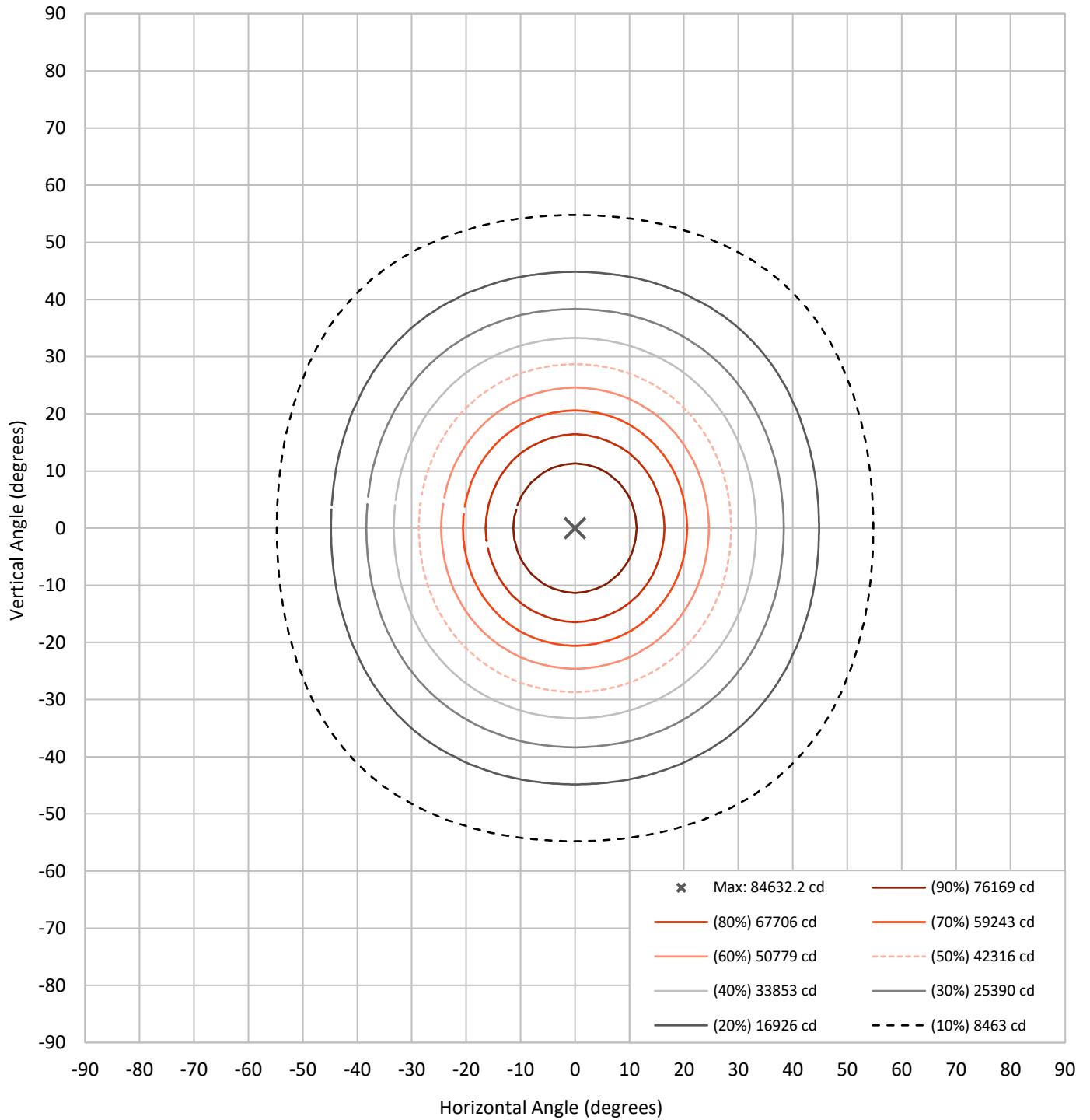
Test Method: LM-79-08
Report Number: P1305988 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-7)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-80-7F-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	95490.9 lumens	Max Intensity:	84632.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.4°H x 57.4°V	Field Angle (10%):	109.4°H x 109.4°V
Beam Lumens:	47029.2 lumens	Field Lumens:	86630.8 lumens
Beam Efficiency:	49.2%	Field Efficiency:	90.7%
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





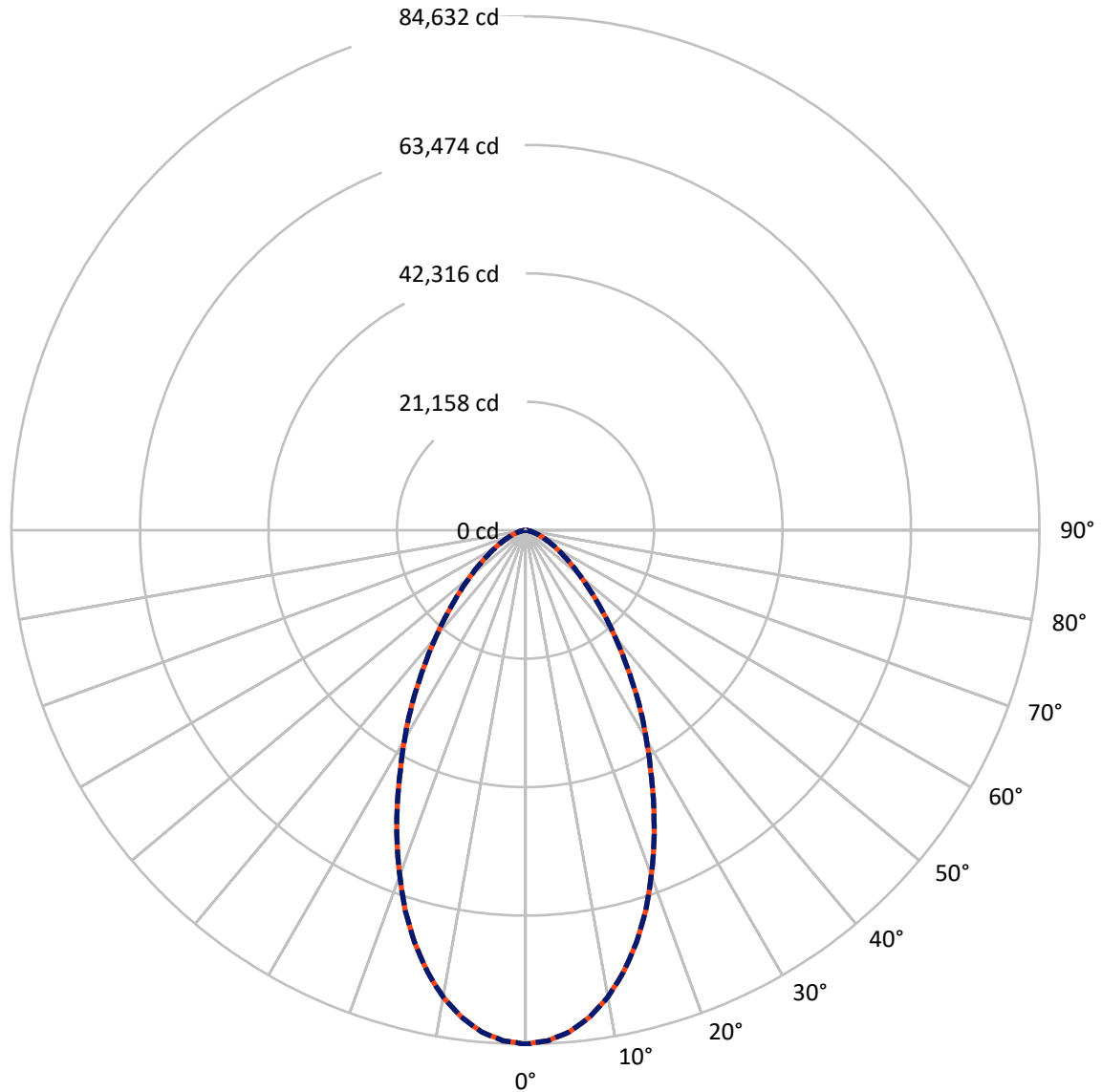
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Lumen Table

90																			
80	1.1	12.9		43.8		80.2		96.1		80.2		43.8		12.9		1.1			
70	6.2	8.4	21.1	39.9	62.8	86.2	105.8	116.7	116.7	105.8	86.2	62.8	39.9	21.1	8.4	6.2			
60		15.7	39.6	76.0	123.6	176.8	224.8	253.1	253.1	224.8	176.8	123.6	76.0	39.6	15.7				
50	14.5	24.3	62.0	124.7	216.3	328.8	437.0	504.3	504.3	437.0	328.8	216.3	124.7	62.0	24.3	14.5			
40		33.0	87.3	187.4	348.2	561.6	778.8	918.8	918.8	778.8	561.6	348.2	187.4	87.3	33.0				
30	21.9	41.1	113.2	258.1	508.9	861.5	1230.2	1475.9	1475.9	1230.2	861.5	508.9	258.1	113.2	41.1	21.9			
20		47.4	135.2	322.4	663.3	1156.2	1697.5	2062.5	2062.5	1697.5	1156.2	663.3	322.4	135.2	47.4				
10	24.8	50.7	147.8	361.1	759.4	1346.2	2001.4	2428.3	2428.3	2001.4	1346.2	759.4	361.1	147.8	50.7	24.8			
0		50.7	147.8	361.1	759.4	1346.2	2001.4	2428.3	2428.3	2001.4	1346.2	759.4	361.1	147.8	50.7				
-10	21.9	47.4	135.2	322.4	663.3	1156.2	1697.5	2062.5	2062.5	1697.5	1156.2	663.3	322.4	135.2	47.4	21.9			
-20		41.1	113.2	258.1	508.9	861.5	1230.2	1475.9	1475.9	1230.2	861.5	508.9	258.1	113.2	41.1				
-30	14.5	33.0	87.3	187.4	348.2	561.6	778.8	918.8	918.8	778.8	561.6	348.2	187.4	87.3	33.0	14.5			
-40		24.3	62.0	124.7	216.3	328.8	437.0	504.3	504.3	437.0	328.8	216.3	124.7	62.0	24.3				
-50	6.2	15.7	39.6	76.0	123.6	176.8	224.8	253.1	253.1	224.8	176.8	123.6	76.0	39.6	15.7	6.2			
-60		8.4	21.1	39.9	62.8	86.2	105.8	116.7	116.7	105.8	86.2	62.8	39.9	21.1	8.4				
-70	1.1	12.9		43.8		80.2		96.1		80.2		43.8		12.9		1.1			
-80																			
-90																			

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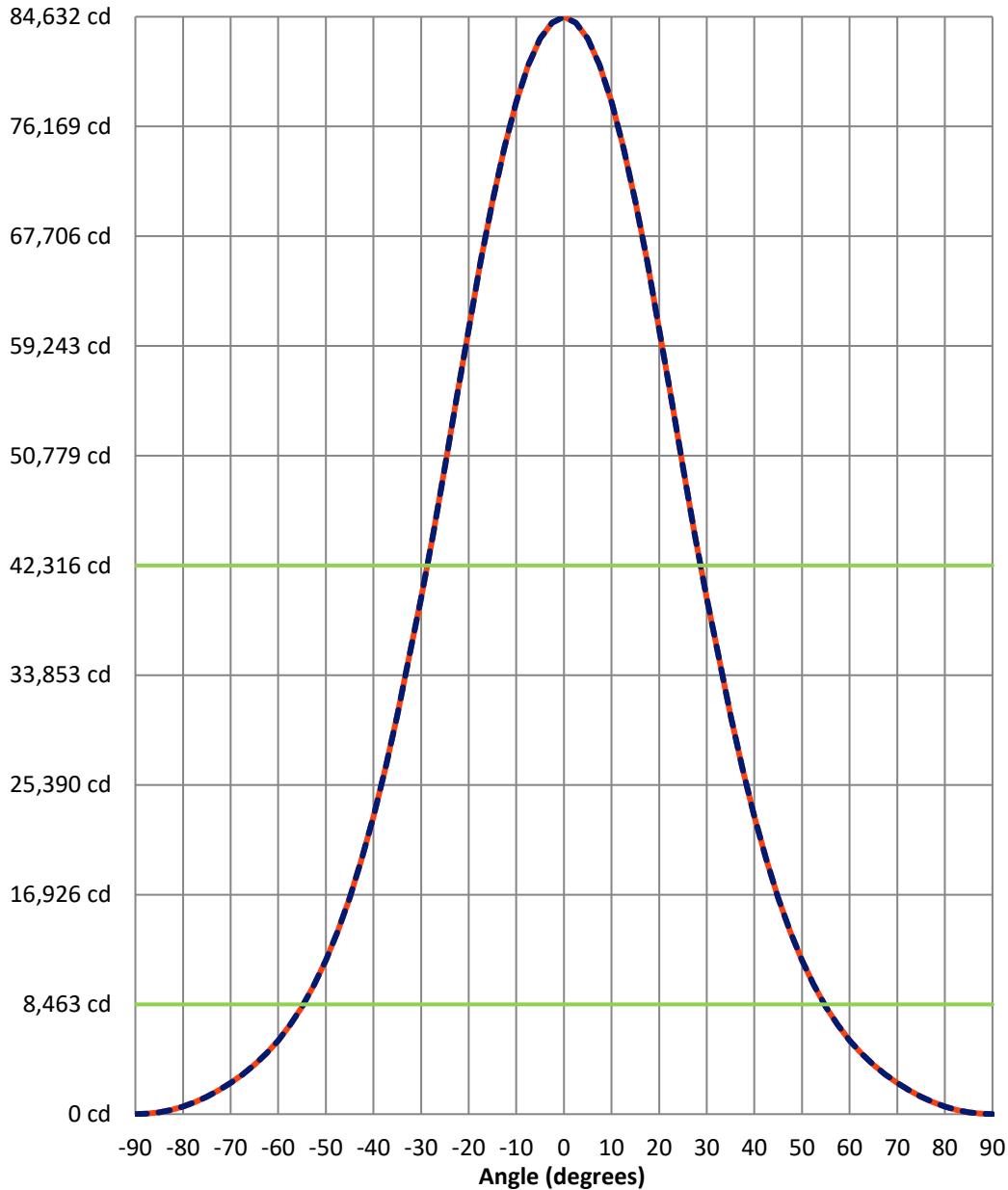
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 57.4°
 V Angle: 57.4°
 Lumens: 47029.2
 Efficiency: 49.2%

Field:
 H Angle: 109.4°
 V Angle: 109.4°
 Lumens: 86630.8
 Efficiency: 90.7%

Spill:
 Lumens: 8860.1
 Efficiency: 9.3%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.9	3.7	5.6	7.5	9.3	11.1	12.9	14.7	16.5	18.2
85°	0.0	3.7	7.5	11.2	14.9	18.6	22.2	25.8	29.4	32.9	36.3
82.5°	0.0	5.6	11.2	16.8	22.3	27.8	33.3	38.7	45.3	57.2	69.0
80°	0.0	7.5	14.9	22.3	29.7	37.0	46.0	62.4	78.5	94.4	110.0
77.5°	0.0	9.3	18.6	27.8	37.0	50.3	70.9	91.3	111.5	131.3	158.9
75°	0.0	11.1	22.2	33.3	46.0	70.9	95.6	120.1	146.7	190.1	232.7
72.5°	0.0	12.9	25.8	38.7	62.4	91.3	120.1	154.6	205.8	256.2	305.9
70°	0.0	14.7	29.4	45.3	78.5	111.5	146.7	205.8	264.1	322.3	406.1
67.5°	0.0	16.5	32.9	57.2	94.4	131.3	190.1	256.2	322.3	417.8	511.7
65°	0.0	18.2	36.3	69.0	110.0	158.9	232.7	305.9	406.1	511.7	624.5
62.5°	0.0	19.9	39.7	80.5	125.4	193.8	274.5	371.1	488.3	609.4	756.0
60°	0.0	21.5	43.0	91.7	140.4	227.9	315.5	441.8	568.9	725.8	885.0
57.5°	0.0	23.1	50.2	102.7	166.4	261.3	372.4	510.8	665.5	839.5	1030.1
55°	0.0	24.7	57.3	113.4	192.4	293.7	430.1	578.0	764.2	955.9	1180.6
52.5°	0.0	26.2	64.2	123.7	217.6	327.7	486.1	659.9	860.2	1087.9	1327.2
50°	0.0	27.6	70.9	133.8	242.0	372.8	540.3	741.3	959.3	1215.9	1494.8
47.5°	0.0	29.0	77.4	145.3	265.5	416.4	594.8	819.9	1069.2	1339.7	1659.9
45°	0.0	30.4	83.5	162.3	288.1	458.3	659.5	895.5	1175.1	1482.2	1819.3
42.5°	0.0	31.7	89.5	178.5	309.8	498.5	721.6	977.5	1276.8	1619.7	1990.5
40°	0.0	32.9	95.1	194.0	335.4	536.8	780.9	1062.3	1380.2	1751.2	2157.4
37.5°	0.0	34.1	100.5	208.7	364.5	573.3	837.3	1142.9	1491.1	1881.3	2316.5
35°	0.0	35.2	105.6	222.6	392.0	614.1	890.6	1219.2	1596.1	2016.4	2475.4
32.5°	0.0	36.3	110.3	235.6	417.8	655.8	944.1	1291.1	1695.1	2143.7	2637.2
30°	0.0	37.2	114.8	247.8	442.0	694.7	1001.4	1361.5	1787.7	2263.1	2788.9
27.5°	0.0	38.1	118.9	259.1	464.4	730.9	1054.6	1436.3	1878.2	2374.0	2930.2
25°	0.0	39.0	122.7	269.5	485.0	764.1	1103.6	1505.2	1968.4	2485.5	3061.4
22.5°	0.0	39.7	126.1	279.0	503.7	794.4	1148.3	1568.1	2050.8	2591.7	3200.2
20°	0.0	40.4	129.2	287.5	520.7	821.7	1188.6	1624.8	2125.1	2687.5	3325.6
17.5°	0.0	41.0	132.0	295.1	535.7	845.9	1224.3	1675.1	2191.1	2772.6	3437.1
15°	0.0	41.5	134.4	301.7	548.7	867.0	1255.5	1719.0	2248.6	2846.9	3534.4
12.5°	0.0	42.0	136.4	307.3	559.8	885.0	1281.9	1756.3	2297.6	2910.2	3617.2
10°	0.0	42.3	138.1	311.9	568.9	899.7	1303.7	1786.9	2337.8	2962.1	3685.4
7.5°	0.0	42.6	139.4	315.5	576.0	911.2	1320.6	1810.9	2369.2	3002.7	3738.6
5°	0.0	42.8	140.4	318.0	581.1	919.4	1332.8	1828.0	2391.7	3031.8	3776.7
2.5°	0.0	43.0	140.9	319.6	584.2	924.4	1340.1	1838.3	2405.2	3049.3	3799.6
0°	0.0	43.0	141.1	320.1	585.2	926.0	1342.5	1841.7	2409.7	3055.1	3807.3
-2.5°	0.0	43.0	140.9	319.6	584.2	924.4	1340.1	1838.3	2405.2	3049.3	3799.6
-5°	0.0	42.8	140.4	318.0	581.1	919.4	1332.8	1828.0	2391.7	3031.8	3776.7
-7.5°	0.0	42.6	139.4	315.5	576.0	911.2	1320.6	1810.9	2369.2	3002.7	3738.6
-10°	0.0	42.3	138.1	311.9	568.9	899.7	1303.7	1786.9	2337.8	2962.1	3685.4
-12.5°	0.0	42.0	136.4	307.3	559.8	885.0	1281.9	1756.3	2297.6	2910.2	3617.2
-15°	0.0	41.5	134.4	301.7	548.7	867.0	1255.5	1719.0	2248.6	2846.9	3534.4
-17.5°	0.0	41.0	132.0	295.1	535.7	845.9	1224.3	1675.1	2191.1	2772.6	3437.1
-20°	0.0	40.4	129.2	287.5	520.7	821.7	1188.6	1624.8	2125.1	2687.5	3325.6



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	39.7	126.1	279.0	503.7	794.4	1148.3	1568.1	2050.8	2591.7	3200.2
-25°	0.0	39.0	122.7	269.5	485.0	764.1	1103.6	1505.2	1968.4	2485.5	3061.4
-27.5°	0.0	38.1	118.9	259.1	464.4	730.9	1054.6	1436.3	1878.2	2374.0	2930.2
-30°	0.0	37.2	114.8	247.8	442.0	694.7	1001.4	1361.5	1787.7	2263.1	2788.9
-32.5°	0.0	36.3	110.3	235.6	417.8	655.8	944.1	1291.1	1695.1	2143.7	2637.2
-35°	0.0	35.2	105.6	222.6	392.0	614.1	890.6	1219.2	1596.1	2016.4	2475.4
-37.5°	0.0	34.1	100.5	208.7	364.5	573.3	837.3	1142.9	1491.1	1881.3	2316.5
-40°	0.0	32.9	95.1	194.0	335.4	536.8	780.9	1062.3	1380.2	1751.2	2157.4
-42.5°	0.0	31.7	89.5	178.5	309.8	498.5	721.6	977.5	1276.8	1619.7	1990.5
-45°	0.0	30.4	83.5	162.3	288.1	458.3	659.5	895.5	1175.1	1482.2	1819.3
-47.5°	0.0	29.0	77.4	145.3	265.5	416.4	594.8	819.9	1069.2	1339.7	1659.9
-50°	0.0	27.6	70.9	133.8	242.0	372.8	540.3	741.3	959.3	1215.9	1494.8
-52.5°	0.0	26.2	64.2	123.7	217.6	327.7	486.1	659.9	860.2	1087.9	1327.2
-55°	0.0	24.7	57.3	113.4	192.4	293.7	430.1	578.0	764.2	955.9	1180.6
-57.5°	0.0	23.1	50.2	102.7	166.4	261.3	372.4	510.8	665.5	839.5	1030.1
-60°	0.0	21.5	43.0	91.7	140.4	227.9	315.5	441.8	568.9	725.8	885.0
-62.5°	0.0	19.9	39.7	80.5	125.4	193.8	274.5	371.1	488.3	609.4	756.0
-65°	0.0	18.2	36.3	69.0	110.0	158.9	232.7	305.9	406.1	511.7	624.5
-67.5°	0.0	16.5	32.9	57.2	94.4	131.3	190.1	256.2	322.3	417.8	511.7
-70°	0.0	14.7	29.4	45.3	78.5	111.5	146.7	205.8	264.1	322.3	406.1
-72.5°	0.0	12.9	25.8	38.7	62.4	91.3	120.1	154.6	205.8	256.2	305.9
-75°	0.0	11.1	22.2	33.3	46.0	70.9	95.6	120.1	146.7	190.1	232.7
-77.5°	0.0	9.3	18.6	27.8	37.0	50.3	70.9	91.3	111.5	131.3	158.9
-80°	0.0	7.5	14.9	22.3	29.7	37.0	46.0	62.4	78.5	94.4	110.0
-82.5°	0.0	5.6	11.2	16.8	22.3	27.8	33.3	38.7	45.3	57.2	69.0
-85°	0.0	3.7	7.5	11.2	14.9	18.6	22.2	25.8	29.4	32.9	36.3
-87.5°	0.0	1.9	3.7	5.6	7.5	9.3	11.1	12.9	14.7	16.5	18.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.9	21.5	23.1	24.7	26.2	27.6	29.0	30.4	31.7	32.9	34.1
85°	39.7	43.0	50.2	57.3	64.2	70.9	77.4	83.5	89.5	95.1	100.5
82.5°	80.5	91.7	102.7	113.4	123.7	133.8	145.3	162.3	178.5	194.0	208.7
80°	125.4	140.4	166.4	192.4	217.6	242.0	265.5	288.1	309.8	335.4	364.5
77.5°	193.8	227.9	261.3	293.7	327.7	372.8	416.4	458.3	498.5	536.8	573.3
75°	274.5	315.5	372.4	430.1	486.1	540.3	594.8	659.5	721.6	780.9	837.3
72.5°	371.1	441.8	510.8	578.0	659.9	741.3	819.9	895.5	977.5	1062.3	1142.9
70°	488.3	568.9	665.5	764.2	860.2	959.3	1069.2	1175.1	1276.8	1380.2	1491.1
67.5°	609.4	725.8	839.5	955.9	1087.9	1215.9	1339.7	1482.2	1619.7	1751.2	1881.3
65°	756.0	885.0	1030.1	1180.6	1327.2	1494.8	1659.9	1819.3	1990.5	2157.4	2316.5
62.5°	900.2	1067.4	1236.7	1414.0	1607.2	1795.0	1995.5	2195.4	2387.8	2594.3	2794.2
60°	1067.4	1255.5	1459.1	1675.1	1891.9	2125.1	2351.2	2591.7	2830.9	3061.4	3317.0
57.5°	1236.7	1459.1	1697.8	1943.9	2203.4	2462.5	2741.2	3011.0	3306.9	3598.2	3887.6
55°	1414.0	1675.1	1943.9	2229.6	2522.4	2831.7	3145.1	3484.6	3813.2	4177.4	4526.2
52.5°	1607.2	1891.9	2203.4	2522.4	2862.0	3216.3	3592.1	3980.0	4387.3	4795.2	5228.1
50°	1795.0	2125.1	2462.5	2831.7	3216.3	3628.1	4064.0	4514.4	4991.9	5476.0	5997.8
47.5°	1995.5	2351.2	2741.2	3145.1	3592.1	4064.0	4557.0	5090.9	5626.2	6243.6	6848.1
45°	2195.4	2591.7	3011.0	3484.6	3980.0	4514.4	5090.9	5676.5	6367.5	7056.8	7792.8
42.5°	2387.8	2830.9	3306.9	3813.2	4387.3	4991.9	5626.2	6367.5	7128.8	7939.0	8812.5
40°	2594.3	3061.4	3598.2	4177.4	4795.2	5476.0	6243.6	7056.8	7939.0	8902.6	9902.7
37.5°	2794.2	3317.0	3887.6	4526.2	5228.1	5997.8	6848.1	7792.8	8812.5	9902.7	11104.2
35°	2984.1	3560.0	4193.9	4886.1	5641.3	6537.8	7502.8	8544.1	9719.5	10997.0	12341.3
32.5°	3181.3	3789.8	4483.9	5248.7	6110.1	7073.7	8132.1	9356.4	10677.5	12084.9	13655.3
30°	3377.4	4036.4	4768.7	5590.1	6559.5	7627.3	8820.0	10151.7	11619.4	13263.2	15025.8
27.5°	3560.0	4268.9	5061.6	5959.3	6992.7	8146.5	9494.6	10980.4	12618.7	14416.5	16386.7
25°	3728.8	4483.9	5332.8	6318.7	7438.4	8701.2	10147.3	11753.7	13592.6	15611.2	17828.5
22.5°	3894.9	4681.3	5581.3	6648.5	7848.0	9236.7	10809.2	12571.8	14550.0	16728.4	19212.7
20°	4056.0	4886.1	5834.2	6955.2	8219.6	9723.4	11411.8	13335.2	15492.4	17909.5	20573.4
17.5°	4199.4	5068.6	6077.9	7259.8	8608.0	10188.6	11967.0	14020.8	16340.5	18975.0	21845.8
15°	4324.7	5228.1	6291.2	7526.5	8959.2	10625.6	12523.5	14699.2	17157.2	19945.7	22978.2
12.5°	4431.4	5364.0	6473.1	7754.2	9259.3	10999.5	13000.3	15291.6	17905.0	20843.3	24076.8
10°	4519.2	5476.0	6622.9	7941.9	9506.9	11308.4	13394.6	15782.2	18525.2	21589.0	24991.6
7.5°	4587.8	5563.4	6740.1	8088.8	9700.8	11550.4	13703.9	16167.5	19013.0	22176.4	25713.6
5°	4637.0	5626.2	6824.1	8194.3	9840.1	11724.4	13926.3	16444.8	19364.4	22600.1	26235.1
2.5°	4666.5	5663.9	6874.7	8257.7	9923.9	11829.1	14060.3	16612.0	19576.4	22856.0	26550.4
0°	4676.4	5676.5	6891.6	8278.9	9951.9	11864.1	14105.1	16667.9	19647.3	22941.6	26655.9
-2.5°	4666.5	5663.9	6874.7	8257.7	9923.9	11829.1	14060.3	16612.0	19576.4	22856.0	26550.4
-5°	4637.0	5626.2	6824.1	8194.3	9840.1	11724.4	13926.3	16444.8	19364.4	22600.1	26235.1
-7.5°	4587.8	5563.4	6740.1	8088.8	9700.8	11550.4	13703.9	16167.5	19013.0	22176.4	25713.6
-10°	4519.2	5476.0	6622.9	7941.9	9506.9	11308.4	13394.6	15782.2	18525.2	21589.0	24991.6
-12.5°	4431.4	5364.0	6473.1	7754.2	9259.3	10999.5	13000.3	15291.6	17905.0	20843.3	24076.8
-15°	4324.7	5228.1	6291.2	7526.5	8959.2	10625.6	12523.5	14699.2	17157.2	19945.7	22978.2
-17.5°	4199.4	5068.6	6077.9	7259.8	8608.0	10188.6	11967.0	14020.8	16340.5	18975.0	21845.8
-20°	4056.0	4886.1	5834.2	6955.2	8219.6	9723.4	11411.8	13335.2	15492.4	17909.5	20573.4



REPORT NUMBER: P1305988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3894.9	4681.3	5581.3	6648.5	7848.0	9236.7	10809.2	12571.8	14550.0	16728.4	19212.7
-25°	3728.8	4483.9	5332.8	6318.7	7438.4	8701.2	10147.3	11753.7	13592.6	15611.2	17828.5
-27.5°	3560.0	4268.9	5061.6	5959.3	6992.7	8146.5	9494.6	10980.4	12618.7	14416.5	16386.7
-30°	3377.4	4036.4	4768.7	5590.1	6559.5	7627.3	8820.0	10151.7	11619.4	13263.2	15025.8
-32.5°	3181.3	3789.8	4483.9	5248.7	6110.1	7073.7	8132.1	9356.4	10677.5	12084.9	13655.3
-35°	2984.1	3560.0	4193.9	4886.1	5641.3	6537.8	7502.8	8544.1	9719.5	10997.0	12341.3
-37.5°	2794.2	3317.0	3887.6	4526.2	5228.1	5997.8	6848.1	7792.8	8812.5	9902.7	11104.2
-40°	2594.3	3061.4	3598.2	4177.4	4795.2	5476.0	6243.6	7056.8	7939.0	8902.6	9902.7
-42.5°	2387.8	2830.9	3306.9	3813.2	4387.3	4991.9	5626.2	6367.5	7128.8	7939.0	8812.5
-45°	2195.4	2591.7	3011.0	3484.6	3980.0	4514.4	5090.9	5676.5	6367.5	7056.8	7792.8
-47.5°	1995.5	2351.2	2741.2	3145.1	3592.1	4064.0	4557.0	5090.9	5626.2	6243.6	6848.1
-50°	1795.0	2125.1	2462.5	2831.7	3216.3	3628.1	4064.0	4514.4	4991.9	5476.0	5997.8
-52.5°	1607.2	1891.9	2203.4	2522.4	2862.0	3216.3	3592.1	3980.0	4387.3	4795.2	5228.1
-55°	1414.0	1675.1	1943.9	2229.6	2522.4	2831.7	3145.1	3484.6	3813.2	4177.4	4526.2
-57.5°	1236.7	1459.1	1697.8	1943.9	2203.4	2462.5	2741.2	3011.0	3306.9	3598.2	3887.6
-60°	1067.4	1255.5	1459.1	1675.1	1891.9	2125.1	2351.2	2591.7	2830.9	3061.4	3317.0
-62.5°	900.2	1067.4	1236.7	1414.0	1607.2	1795.0	1995.5	2195.4	2387.8	2594.3	2794.2
-65°	756.0	885.0	1030.1	1180.6	1327.2	1494.8	1659.9	1819.3	1990.5	2157.4	2316.5
-67.5°	609.4	725.8	839.5	955.9	1087.9	1215.9	1339.7	1482.2	1619.7	1751.2	1881.3
-70°	488.3	568.9	665.5	764.2	860.2	959.3	1069.2	1175.1	1276.8	1380.2	1491.1
-72.5°	371.1	441.8	510.8	578.0	659.9	741.3	819.9	895.5	977.5	1062.3	1142.9
-75°	274.5	315.5	372.4	430.1	486.1	540.3	594.8	659.5	721.6	780.9	837.3
-77.5°	193.8	227.9	261.3	293.7	327.7	372.8	416.4	458.3	498.5	536.8	573.3
-80°	125.4	140.4	166.4	192.4	217.6	242.0	265.5	288.1	309.8	335.4	364.5
-82.5°	80.5	91.7	102.7	113.4	123.7	133.8	145.3	162.3	178.5	194.0	208.7
-85°	39.7	43.0	50.2	57.3	64.2	70.9	77.4	83.5	89.5	95.1	100.5
-87.5°	19.9	21.5	23.1	24.7	26.2	27.6	29.0	30.4	31.7	32.9	34.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305988 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	35.2	36.3	37.2	38.1	39.0	39.7	40.4	41.0	41.5	42.0	42.3
85°	105.6	110.3	114.8	118.9	122.7	126.1	129.2	132.0	134.4	136.4	138.1
82.5°	222.6	235.6	247.8	259.1	269.5	279.0	287.5	295.1	301.7	307.3	311.9
80°	392.0	417.8	442.0	464.4	485.0	503.7	520.7	535.7	548.7	559.8	568.9
77.5°	614.1	655.8	694.7	730.9	764.1	794.4	821.7	845.9	867.0	885.0	899.7
75°	890.6	944.1	1001.4	1054.6	1103.6	1148.3	1188.6	1224.3	1255.5	1281.9	1303.7
72.5°	1219.2	1291.1	1361.5	1436.3	1505.2	1568.1	1624.8	1675.1	1719.0	1756.3	1786.9
70°	1596.1	1695.1	1787.7	1878.2	1968.4	2050.8	2125.1	2191.1	2248.6	2297.6	2337.8
67.5°	2016.4	2143.7	2263.1	2374.0	2485.5	2591.7	2687.5	2772.6	2846.9	2910.2	2962.1
65°	2475.4	2637.2	2788.9	2930.2	3061.4	3200.2	3325.6	3437.1	3534.4	3617.2	3685.4
62.5°	2984.1	3181.3	3377.4	3560.0	3728.8	3894.9	4056.0	4199.4	4324.7	4431.4	4519.2
60°	3560.0	3789.8	4036.4	4268.9	4483.9	4681.3	4861.1	5068.6	5228.1	5364.0	5476.0
57.5°	4193.9	4483.9	4768.7	5061.6	5332.8	5581.3	5834.2	6077.9	6291.2	6473.1	6622.9
55°	4886.1	5248.7	5590.1	5959.3	6318.7	6648.5	6955.2	7259.8	7526.5	7754.2	7941.9
52.5°	5641.3	6110.1	6559.5	6992.7	7438.4	7848.0	8219.6	8608.0	8959.2	9259.3	9506.9
50°	6537.8	7073.7	7627.3	8146.5	8701.2	9236.7	9723.4	10188.6	10625.6	10999.5	11308.4
47.5°	7502.8	8132.1	8820.0	9494.6	10147.3	10809.2	11411.8	11967.0	12523.5	13000.3	13394.6
45°	8544.1	9356.4	10151.7	10980.4	11753.7	12571.8	13335.2	14020.8	14699.2	15291.6	15782.2
42.5°	9719.5	10677.5	11619.4	12618.7	13592.6	14550.0	15492.4	16340.5	17157.2	17905.0	18525.2
40°	10997.0	12084.9	13263.2	14416.5	15611.2	16728.4	17909.5	18975.0	19945.7	20843.3	21589.0
37.5°	12341.3	13655.3	15025.8	16386.7	17828.5	19212.7	20573.4	21845.8	22978.2	24076.8	24991.6
35°	13786.9	15333.9	16890.3	18576.9	20222.6	21864.6	23434.2	24983.2	26361.1	27647.3	28746.7
32.5°	15333.9	17074.9	18955.8	20867.3	22745.5	24704.7	26540.7	28374.2	30021.5	31526.5	32851.2
30°	16890.3	18955.8	21084.1	23224.2	25482.3	27705.0	29883.1	31993.0	33966.4	35686.9	37129.0
27.5°	18576.9	20867.3	23224.2	25744.2	28302.8	30815.5	33400.9	35776.0	37909.1	39780.2	41481.7
25°	20222.6	22745.5	25482.3	28302.8	31160.7	34118.5	36888.6	39445.6	41915.3	44118.0	46104.9
22.5°	21864.6	24704.7	27705.0	30815.5	34118.5	37264.7	40265.8	43240.0	46067.5	48687.6	50953.3
20°	23434.2	26540.7	29883.1	33400.9	36888.6	40265.8	43689.2	47093.4	50311.1	53254.2	55781.2
17.5°	24983.2	28374.2	31993.0	35776.0	39445.6	43240.0	47093.4	50873.7	54447.1	57613.6	60357.9
15°	26361.1	30021.5	33966.4	37909.1	41915.3	46067.5	50311.1	54447.1	58242.2	61706.7	64783.1
12.5°	27647.3	31526.5	35686.9	39780.2	44118.0	48687.6	53254.2	57613.6	61706.7	65530.3	68614.4
10°	28746.7	32851.2	37129.0	41481.7	46104.9	50953.3	55781.2	60357.9	64783.1	68614.4	71977.5
7.5°	29616.4	33902.0	38276.8	42842.0	47737.4	52808.4	57792.3	62628.3	67178.9	71195.7	74570.3
5°	30245.6	34664.0	39111.4	43834.8	48933.9	54176.1	59286.4	64333.2	68919.9	73058.6	76509.5
2.5°	30626.6	35126.0	39618.4	44439.3	49664.9	55015.2	60208.3	65393.9	70016.1	74169.2	77669.7
0°	30754.1	35280.8	39788.5	44642.3	49910.8	55298.1	60520.2	65754.3	70391.1	74535.8	78069.3
-2.5°	30626.6	35126.0	39618.4	44439.3	49664.9	55015.2	60208.3	65393.9	70016.1	74169.2	77669.7
-5°	30245.6	34664.0	39111.4	43834.8	48933.9	54176.1	59286.4	64333.2	68919.9	73058.6	76509.5
-7.5°	29616.4	33902.0	38276.8	42842.0	47737.4	52808.4	57792.3	62628.3	67178.9	71195.7	74570.3
-10°	28746.7	32851.2	37129.0	41481.7	46104.9	50953.3	55781.2	60357.9	64783.1	68614.4	71977.5
-12.5°	27647.3	31526.5	35686.9	39780.2	44118.0	48687.6	53254.2	57613.6	61706.7	65530.3	68614.4
-15°	26361.1	30021.5	33966.4	37909.1	41915.3	46067.5	50311.1	54447.1	58242.2	61706.7	64783.1
-17.5°	24983.2	28374.2	31993.0	35776.0	39445.6	43240.0	47093.4	50873.7	54447.1	57613.6	60357.9
-20°	23434.2	26540.7	29883.1	33400.9	36888.6	40265.8	43689.2	47093.4	50311.1	53254.2	55781.2



REPORT NUMBER: P1305988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	21864.6	24704.7	27705.0	30815.5	34118.5	37264.7	40265.8	43240.0	46067.5	48687.6	50953.3
-25°	20222.6	22745.5	25482.3	28302.8	31160.7	34118.5	36888.6	39445.6	41915.3	44118.0	46104.9
-27.5°	18576.9	20867.3	23224.2	25744.2	28302.8	30815.5	33400.9	35776.0	37909.1	39780.2	41481.7
-30°	16890.3	18955.8	21084.1	23224.2	25482.3	27705.0	29883.1	31993.0	33966.4	35686.9	37129.0
-32.5°	15333.9	17074.9	18955.8	20867.3	22745.5	24704.7	26540.7	28374.2	30021.5	31526.5	32851.2
-35°	13786.9	15333.9	16890.3	18576.9	20222.6	21864.6	23434.2	24983.2	26361.1	27647.3	28746.7
-37.5°	12341.3	13655.3	15025.8	16386.7	17828.5	19212.7	20573.4	21845.8	22978.2	24076.8	24991.6
-40°	10997.0	12084.9	13263.2	14416.5	15611.2	16728.4	17909.5	18975.0	19945.7	20843.3	21589.0
-42.5°	9719.5	10677.5	11619.4	12618.7	13592.6	14550.0	15492.4	16340.5	17157.2	17905.0	18525.2
-45°	8544.1	9356.4	10151.7	10980.4	11753.7	12571.8	13335.2	14020.8	14699.2	15291.6	15782.2
-47.5°	7502.8	8132.1	8820.0	9494.6	10147.3	10809.2	11411.8	11967.0	12523.5	13000.3	13394.6
-50°	6537.8	7073.7	7627.3	8146.5	8701.2	9236.7	9723.4	10188.6	10625.6	10999.5	11308.4
-52.5°	5641.3	6110.1	6559.5	6992.7	7438.4	7848.0	8219.6	8608.0	8959.2	9259.3	9506.9
-55°	4886.1	5248.7	5590.1	5959.3	6318.7	6648.5	6955.2	7259.8	7526.5	7754.2	7941.9
-57.5°	4193.9	4483.9	4768.7	5061.6	5332.8	5581.3	5834.2	6077.9	6291.2	6473.1	6622.9
-60°	3560.0	3789.8	4036.4	4268.9	4483.9	4681.3	4886.1	5068.6	5228.1	5364.0	5476.0
-62.5°	2984.1	3181.3	3377.4	3560.0	3728.8	3894.9	4056.0	4199.4	4324.7	4431.4	4519.2
-65°	2475.4	2637.2	2788.9	2930.2	3061.4	3200.2	3325.6	3437.1	3534.4	3617.2	3685.4
-67.5°	2016.4	2143.7	2263.1	2374.0	2485.5	2591.7	2687.5	2772.6	2846.9	2910.2	2962.1
-70°	1596.1	1695.1	1787.7	1878.2	1968.4	2050.8	2125.1	2191.1	2248.6	2297.6	2337.8
-72.5°	1219.2	1291.1	1361.5	1436.3	1505.2	1568.1	1624.8	1675.1	1719.0	1756.3	1786.9
-75°	890.6	944.1	1001.4	1054.6	1103.6	1148.3	1188.6	1224.3	1255.5	1281.9	1303.7
-77.5°	614.1	655.8	694.7	730.9	764.1	794.4	821.7	845.9	867.0	885.0	899.7
-80°	392.0	417.8	442.0	464.4	485.0	503.7	520.7	535.7	548.7	559.8	568.9
-82.5°	222.6	235.6	247.8	259.1	269.5	279.0	287.5	295.1	301.7	307.3	311.9
-85°	105.6	110.3	114.8	118.9	122.7	126.1	129.2	132.0	134.4	136.4	138.1
-87.5°	35.2	36.3	37.2	38.1	39.0	39.7	40.4	41.0	41.5	42.0	42.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	42.6	42.8	43.0	43.0	43.0	42.8	42.6	42.3	42.0	41.5	41.0
85°	139.4	140.4	140.9	141.1	140.9	140.4	139.4	138.1	136.4	134.4	132.0
82.5°	315.5	318.0	319.6	320.1	319.6	318.0	315.5	311.9	307.3	301.7	295.1
80°	576.0	581.1	584.2	585.2	584.2	581.1	576.0	568.9	559.8	548.7	535.7
77.5°	911.2	919.4	924.4	926.0	924.4	919.4	911.2	899.7	885.0	867.0	845.9
75°	1320.6	1332.8	1340.1	1342.5	1340.1	1332.8	1320.6	1303.7	1281.9	1255.5	1224.3
72.5°	1810.9	1828.0	1838.3	1841.7	1838.3	1828.0	1810.9	1786.9	1756.3	1719.0	1675.1
70°	2369.2	2391.7	2405.2	2409.7	2405.2	2391.7	2369.2	2337.8	2297.6	2248.6	2191.1
67.5°	3002.7	3031.8	3049.3	3055.1	3049.3	3031.8	3002.7	2962.1	2910.2	2846.9	2772.6
65°	3738.6	3776.7	3799.6	3807.3	3799.6	3776.7	3738.6	3685.4	3617.2	3534.4	3437.1
62.5°	4587.8	4637.0	4666.5	4676.4	4666.5	4637.0	4587.8	4519.2	4431.4	4324.7	4199.4
60°	5563.4	5626.2	5663.9	5676.5	5663.9	5626.2	5563.4	5476.0	5364.0	5228.1	5068.6
57.5°	6740.1	6824.1	6874.7	6891.6	6874.7	6824.1	6740.1	6622.9	6473.1	6291.2	6077.9
55°	8088.8	8194.3	8257.7	8278.9	8257.7	8194.3	8088.8	7941.9	7754.2	7526.5	7259.8
52.5°	9700.8	9840.1	9923.9	9951.9	9923.9	9840.1	9700.8	9506.9	9259.3	8959.2	8608.0
50°	11550.4	11724.4	11829.1	11864.1	11829.1	11724.4	11550.4	11308.4	10999.5	10625.6	10188.6
47.5°	13703.9	13926.3	14060.3	14105.1	14060.3	13926.3	13703.9	13394.6	13000.3	12523.5	11967.0
45°	16167.5	16444.8	16612.0	16667.9	16612.0	16444.8	16167.5	15782.2	15291.6	14699.2	14020.8
42.5°	19013.0	19364.4	19576.4	19647.3	19576.4	19364.4	19013.0	18525.2	17905.0	17157.2	16340.5
40°	22176.4	22600.1	22856.0	22941.6	22856.0	22600.1	22176.4	21589.0	20843.3	19945.7	18975.0
37.5°	25713.6	26235.1	26550.4	26655.9	26550.4	26235.1	25713.6	24991.6	24076.8	22978.2	21845.8
35°	29616.4	30245.6	30626.6	30754.1	30626.6	30245.6	29616.4	28746.7	27647.3	26361.1	24983.2
32.5°	33902.0	34664.0	35126.0	35280.8	35126.0	34664.0	33902.0	32851.2	31526.5	30021.5	28374.2
30°	38276.8	39111.4	39618.4	39788.5	39618.4	39111.4	38276.8	37129.0	35686.9	33966.4	31993.0
27.5°	42842.0	43834.8	44439.3	44642.3	44439.3	43834.8	42842.0	41481.7	39780.2	37909.1	35776.0
25°	47737.4	48933.9	49664.9	49910.8	49664.9	48933.9	47737.4	46104.9	44118.0	41915.3	39445.6
22.5°	52808.4	54176.1	55015.2	55298.1	55015.2	54176.1	52808.4	50953.3	48687.6	46067.5	43240.0
20°	57792.3	59286.4	60208.3	60520.2	60208.3	59286.4	57792.3	55781.2	53254.2	50311.1	47093.4
17.5°	62628.3	64333.2	65393.9	65754.3	65393.9	64333.2	62628.3	60357.9	57613.6	54447.1	50873.7
15°	67178.9	68919.9	70016.1	70391.1	70016.1	68919.9	67178.9	64783.1	61706.7	58242.2	54447.1
12.5°	71195.7	73058.6	74169.2	74535.8	74169.2	73058.6	71195.7	68614.4	65530.3	61706.7	57613.6
10°	74570.3	76509.5	77669.7	78069.3	77669.7	76509.5	74570.3	71977.5	68614.4	64783.1	60357.9
7.5°	77293.7	79268.7	80496.1	80891.2	80496.1	79268.7	77293.7	74570.3	71195.7	67178.9	62628.3
5°	79268.7	81315.7	82503.9	82943.7	82503.9	81315.7	79268.7	76509.5	73058.6	68919.9	64333.2
2.5°	80496.1	82503.9	83741.4	84161.5	83741.4	82503.9	80496.1	77669.7	74169.2	70016.1	65393.9
0°	80891.2	82943.7	84161.5	84632.2	84161.5	82943.7	80891.2	78069.3	74535.8	70391.1	65754.3
-2.5°	80496.1	82503.9	83741.4	84161.5	83741.4	82503.9	80496.1	77669.7	74169.2	70016.1	65393.9
-5°	79268.7	81315.7	82503.9	82943.7	82503.9	81315.7	79268.7	76509.5	73058.6	68919.9	64333.2
-7.5°	77293.7	79268.7	80496.1	80891.2	80496.1	79268.7	77293.7	74570.3	71195.7	67178.9	62628.3
-10°	74570.3	76509.5	77669.7	78069.3	77669.7	76509.5	74570.3	71977.5	68614.4	64783.1	60357.9
-12.5°	71195.7	73058.6	74169.2	74535.8	74169.2	73058.6	71195.7	68614.4	65530.3	61706.7	57613.6
-15°	67178.9	68919.9	70016.1	70391.1	70016.1	68919.9	67178.9	64783.1	61706.7	58242.2	54447.1
-17.5°	62628.3	64333.2	65393.9	65754.3	65393.9	64333.2	62628.3	60357.9	57613.6	54447.1	50873.7
-20°	57792.3	59286.4	60208.3	60520.2	60208.3	59286.4	57792.3	55781.2	53254.2	50311.1	47093.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	52808.4	54176.1	55015.2	55298.1	55015.2	54176.1	52808.4	50953.3	48687.6	46067.5	43240.0
-25°	47737.4	48933.9	49664.9	49910.8	49664.9	48933.9	47737.4	46104.9	44118.0	41915.3	39445.6
-27.5°	42842.0	43834.8	44439.3	44642.3	44439.3	43834.8	42842.0	41481.7	39780.2	37909.1	35776.0
-30°	38276.8	39111.4	39618.4	39788.5	39618.4	39111.4	38276.8	37129.0	35686.9	33966.4	31993.0
-32.5°	33902.0	34664.0	35126.0	35280.8	35126.0	34664.0	33902.0	32851.2	31526.5	30021.5	28374.2
-35°	29616.4	30245.6	30626.6	30754.1	30626.6	30245.6	29616.4	28746.7	27647.3	26361.1	24983.2
-37.5°	25713.6	26235.1	26550.4	26655.9	26550.4	26235.1	25713.6	24991.6	24076.8	22978.2	21845.8
-40°	22176.4	22600.1	22856.0	22941.6	22856.0	22600.1	22176.4	21589.0	20843.3	19945.7	18975.0
-42.5°	19013.0	19364.4	19576.4	19647.3	19576.4	19364.4	19013.0	18525.2	17905.0	17157.2	16340.5
-45°	16167.5	16444.8	16612.0	16667.9	16612.0	16444.8	16167.5	15782.2	15291.6	14699.2	14020.8
-47.5°	13703.9	13926.3	14060.3	14105.1	14060.3	13926.3	13703.9	13394.6	13000.3	12523.5	11967.0
-50°	11550.4	11724.4	11829.1	11864.1	11829.1	11724.4	11550.4	11308.4	10999.5	10625.6	10188.6
-52.5°	9700.8	9840.1	9923.9	9951.9	9923.9	9840.1	9700.8	9506.9	9259.3	8959.2	8608.0
-55°	8088.8	8194.3	8257.7	8278.9	8257.7	8194.3	8088.8	7941.9	7754.2	7526.5	7259.8
-57.5°	6740.1	6824.1	6874.7	6891.6	6874.7	6824.1	6740.1	6622.9	6473.1	6291.2	6077.9
-60°	5563.4	5626.2	5663.9	5676.5	5663.9	5626.2	5563.4	5476.0	5364.0	5228.1	5068.6
-62.5°	4587.8	4637.0	4666.5	4676.4	4666.5	4637.0	4587.8	4519.2	4431.4	4324.7	4199.4
-65°	3738.6	3776.7	3799.6	3807.3	3799.6	3776.7	3738.6	3685.4	3617.2	3534.4	3437.1
-67.5°	3002.7	3031.8	3049.3	3055.1	3049.3	3031.8	3002.7	2962.1	2910.2	2846.9	2772.6
-70°	2369.2	2391.7	2405.2	2409.7	2405.2	2391.7	2369.2	2337.8	2297.6	2248.6	2191.1
-72.5°	1810.9	1828.0	1838.3	1841.7	1838.3	1828.0	1810.9	1786.9	1756.3	1719.0	1675.1
-75°	1320.6	1332.8	1340.1	1342.5	1340.1	1332.8	1320.6	1303.7	1281.9	1255.5	1224.3
-77.5°	911.2	919.4	924.4	926.0	924.4	919.4	911.2	899.7	885.0	867.0	845.9
-80°	576.0	581.1	584.2	585.2	584.2	581.1	576.0	568.9	559.8	548.7	535.7
-82.5°	315.5	318.0	319.6	320.1	319.6	318.0	315.5	311.9	307.3	301.7	295.1
-85°	139.4	140.4	140.9	141.1	140.9	140.4	139.4	138.1	136.4	134.4	132.0
-87.5°	42.6	42.8	43.0	43.0	43.0	42.8	42.6	42.3	42.0	41.5	41.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	40.4	39.7	39.0	38.1	37.2	36.3	35.2	34.1	32.9	31.7	30.4
85°	129.2	126.1	122.7	118.9	114.8	110.3	105.6	100.5	95.1	89.5	83.5
82.5°	287.5	279.0	269.5	259.1	247.8	235.6	222.6	208.7	194.0	178.5	162.3
80°	520.7	503.7	485.0	464.4	442.0	417.8	392.0	364.5	335.4	309.8	288.1
77.5°	821.7	794.4	764.1	730.9	694.7	655.8	614.1	573.3	536.8	498.5	458.3
75°	1188.6	1148.3	1103.6	1054.6	1001.4	944.1	890.6	837.3	780.9	721.6	659.5
72.5°	1624.8	1568.1	1505.2	1436.3	1361.5	1291.1	1219.2	1142.9	1062.3	977.5	895.5
70°	2125.1	2050.8	1968.4	1878.2	1787.7	1695.1	1596.1	1491.1	1380.2	1276.8	1175.1
67.5°	2687.5	2591.7	2485.5	2374.0	2263.1	2143.7	2016.4	1881.3	1751.2	1619.7	1482.2
65°	3325.6	3200.2	3061.4	2930.2	2788.9	2637.2	2475.4	2316.5	2157.4	1990.5	1819.3
62.5°	4056.0	3894.9	3728.8	3560.0	3377.4	3181.3	2984.1	2794.2	2594.3	2387.8	2195.4
60°	4886.1	4681.3	4483.9	4268.9	4036.4	3789.8	3560.0	3317.0	3061.4	2830.9	2591.7
57.5°	5834.2	5581.3	5332.8	5061.6	4768.7	4483.9	4193.9	3887.6	3598.2	3306.9	3011.0
55°	6955.2	6648.5	6318.7	5959.3	5590.1	5248.7	4886.1	4526.2	4177.4	3813.2	3484.6
52.5°	8219.6	7848.0	7438.4	6992.7	6559.5	6110.1	5641.3	5228.1	4795.2	4387.3	3980.0
50°	9723.4	9236.7	8701.2	8146.5	7627.3	7073.7	6537.8	5997.8	5476.0	4991.9	4514.4
47.5°	11411.8	10809.2	10147.3	9494.6	8820.0	8132.1	7502.8	6848.1	6243.6	5626.2	5090.9
45°	13335.2	12571.8	11753.7	10980.4	10151.7	9356.4	8544.1	7792.8	7056.8	6367.5	5676.5
42.5°	15492.4	14550.0	13592.6	12618.7	11619.4	10677.5	9719.5	8812.5	7939.0	7128.8	6367.5
40°	17909.5	16728.4	15611.2	14416.5	13263.2	12084.9	10997.0	9902.7	8902.6	7939.0	7056.8
37.5°	20573.4	19212.7	17828.5	16386.7	15025.8	13655.3	12341.3	11104.2	9902.7	8812.5	7792.8
35°	23434.2	21864.6	20222.6	18576.9	16890.3	15333.9	13786.9	12341.3	10997.0	9719.5	8544.1
32.5°	26540.7	24704.7	22745.5	20867.3	18955.8	17074.9	15333.9	13655.3	12084.9	10677.5	9356.4
30°	29883.1	27705.0	25482.3	23224.2	21084.1	18955.8	16890.3	15025.8	13263.2	11619.4	10151.7
27.5°	33400.9	30815.5	28302.8	25744.2	23224.2	20867.3	18576.9	16386.7	14416.5	12618.7	10980.4
25°	36888.6	34118.5	31160.7	28302.8	25482.3	22745.5	20222.6	17828.5	15611.2	13592.6	11753.7
22.5°	40265.8	37264.7	34118.5	30815.5	27705.0	24704.7	21864.6	19212.7	16728.4	14550.0	12571.8
20°	43689.2	40265.8	36888.6	33400.9	29883.1	26540.7	23434.2	20573.4	17909.5	15492.4	13335.2
17.5°	47093.4	43240.0	39445.6	35776.0	31993.0	28374.2	24983.2	21845.8	18975.0	16340.5	14020.8
15°	50311.1	46067.5	41915.3	37909.1	33966.4	30021.5	26361.1	22978.2	19945.7	17157.2	14699.2
12.5°	53254.2	48687.6	44118.0	39780.2	35686.9	31526.5	27647.3	24076.8	20843.3	17905.0	15291.6
10°	55781.2	50953.3	46104.9	41481.7	37129.0	32851.2	28746.7	24991.6	21589.0	18525.2	15782.2
7.5°	57792.3	52808.4	47737.4	42842.0	38276.8	33902.0	29616.4	25713.6	22176.4	19013.0	16167.5
5°	59286.4	54176.1	48933.9	43834.8	39111.4	34664.0	30245.6	26235.1	22600.1	19364.4	16444.8
2.5°	60208.3	55015.2	49664.9	44439.3	39618.4	35126.0	30626.6	26550.4	22856.0	19576.4	16612.0
0°	60520.2	55298.1	49910.8	44642.3	39788.5	35280.8	30754.1	26655.9	22941.6	19647.3	16667.9
-2.5°	60208.3	55015.2	49664.9	44439.3	39618.4	35126.0	30626.6	26550.4	22856.0	19576.4	16612.0
-5°	59286.4	54176.1	48933.9	43834.8	39111.4	34664.0	30245.6	26235.1	22600.1	19364.4	16444.8
-7.5°	57792.3	52808.4	47737.4	42842.0	38276.8	33902.0	29616.4	25713.6	22176.4	19013.0	16167.5
-10°	55781.2	50953.3	46104.9	41481.7	37129.0	32851.2	28746.7	24991.6	21589.0	18525.2	15782.2
-12.5°	53254.2	48687.6	44118.0	39780.2	35686.9	31526.5	27647.3	24076.8	20843.3	17905.0	15291.6
-15°	50311.1	46067.5	41915.3	37909.1	33966.4	30021.5	26361.1	22978.2	19945.7	17157.2	14699.2
-17.5°	47093.4	43240.0	39445.6	35776.0	31993.0	28374.2	24983.2	21845.8	18975.0	16340.5	14020.8
-20°	43689.2	40265.8	36888.6	33400.9	29883.1	26540.7	23434.2	20573.4	17909.5	15492.4	13335.2



REPORT NUMBER: P1305988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	40265.8	37264.7	34118.5	30815.5	27705.0	24704.7	21864.6	19212.7	16728.4	14550.0	12571.8
-25°	36888.6	34118.5	31160.7	28302.8	25482.3	22745.5	20222.6	17828.5	15611.2	13592.6	11753.7
-27.5°	33400.9	30815.5	28302.8	25744.2	23224.2	20867.3	18576.9	16386.7	14416.5	12618.7	10980.4
-30°	29883.1	27705.0	25482.3	23224.2	21084.1	18955.8	16890.3	15025.8	13263.2	11619.4	10151.7
-32.5°	26540.7	24704.7	22745.5	20867.3	18955.8	17074.9	15333.9	13655.3	12084.9	10677.5	9356.4
-35°	23434.2	21864.6	20222.6	18576.9	16890.3	15333.9	13786.9	12341.3	10997.0	9719.5	8544.1
-37.5°	20573.4	19212.7	17828.5	16386.7	15025.8	13655.3	12341.3	11104.2	9902.7	8812.5	7792.8
-40°	17909.5	16728.4	15611.2	14416.5	13263.2	12084.9	10997.0	9902.7	8902.6	7939.0	7056.8
-42.5°	15492.4	14550.0	13592.6	12618.7	11619.4	10677.5	9719.5	8812.5	7939.0	7128.8	6367.5
-45°	13335.2	12571.8	11753.7	10980.4	10151.7	9356.4	8544.1	7792.8	7056.8	6367.5	5676.5
-47.5°	11411.8	10809.2	10147.3	9494.6	8820.0	8132.1	7502.8	6848.1	6243.6	5626.2	5090.9
-50°	9723.4	9236.7	8701.2	8146.5	7627.3	7073.7	6537.8	5997.8	5476.0	4991.9	4514.4
-52.5°	8219.6	7848.0	7438.4	6992.7	6559.5	6110.1	5641.3	5228.1	4795.2	4387.3	3980.0
-55°	6955.2	6648.5	6318.7	5959.3	5590.1	5248.7	4886.1	4526.2	4177.4	3813.2	3484.6
-57.5°	5834.2	5581.3	5332.8	5061.6	4768.7	4483.9	4193.9	3887.6	3598.2	3306.9	3011.0
-60°	4886.1	4681.3	4483.9	4268.9	4036.4	3789.8	3560.0	3317.0	3061.4	2830.9	2591.7
-62.5°	4056.0	3894.9	3728.8	3560.0	3377.4	3181.3	2984.1	2794.2	2594.3	2387.8	2195.4
-65°	3325.6	3200.2	3061.4	2930.2	2788.9	2637.2	2475.4	2316.5	2157.4	1990.5	1819.3
-67.5°	2687.5	2591.7	2485.5	2374.0	2263.1	2143.7	2016.4	1881.3	1751.2	1619.7	1482.2
-70°	2125.1	2050.8	1968.4	1878.2	1787.7	1695.1	1596.1	1491.1	1380.2	1276.8	1175.1
-72.5°	1624.8	1568.1	1505.2	1436.3	1361.5	1291.1	1219.2	1142.9	1062.3	977.5	895.5
-75°	1188.6	1148.3	1103.6	1054.6	1001.4	944.1	890.6	837.3	780.9	721.6	659.5
-77.5°	821.7	794.4	764.1	730.9	694.7	655.8	614.1	573.3	536.8	498.5	458.3
-80°	520.7	503.7	485.0	464.4	442.0	417.8	392.0	364.5	335.4	309.8	288.1
-82.5°	287.5	279.0	269.5	259.1	247.8	235.6	222.6	208.7	194.0	178.5	162.3
-85°	129.2	126.1	122.7	118.9	114.8	110.3	105.6	100.5	95.1	89.5	83.5
-87.5°	40.4	39.7	39.0	38.1	37.2	36.3	35.2	34.1	32.9	31.7	30.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305988 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.0	27.6	26.2	24.7	23.1	21.5	19.9	18.2	16.5	14.7	12.9
85°	77.4	70.9	64.2	57.3	50.2	43.0	39.7	36.3	32.9	29.4	25.8
82.5°	145.3	133.8	123.7	113.4	102.7	91.7	80.5	69.0	57.2	45.3	38.7
80°	265.5	242.0	217.6	192.4	166.4	140.4	125.4	110.0	94.4	78.5	62.4
77.5°	416.4	372.8	327.7	293.7	261.3	227.9	193.8	158.9	131.3	111.5	91.3
75°	594.8	540.3	486.1	430.1	372.4	315.5	274.5	232.7	190.1	146.7	120.1
72.5°	819.9	741.3	659.9	578.0	510.8	441.8	371.1	305.9	256.2	205.8	154.6
70°	1069.2	959.3	860.2	764.2	665.5	568.9	488.3	406.1	322.3	264.1	205.8
67.5°	1339.7	1215.9	1087.9	955.9	839.5	725.8	609.4	511.7	417.8	322.3	256.2
65°	1659.9	1494.8	1327.2	1180.6	1030.1	885.0	756.0	624.5	511.7	406.1	305.9
62.5°	1995.5	1795.0	1607.2	1414.0	1236.7	1067.4	900.2	756.0	609.4	488.3	371.1
60°	2351.2	2125.1	1891.9	1675.1	1459.1	1255.5	1067.4	885.0	725.8	568.9	441.8
57.5°	2741.2	2462.5	2203.4	1943.9	1697.8	1459.1	1236.7	1030.1	839.5	665.5	510.8
55°	3145.1	2831.7	2522.4	2229.6	1943.9	1675.1	1414.0	1180.6	955.9	764.2	578.0
52.5°	3592.1	3216.3	2862.0	2522.4	2203.4	1891.9	1607.2	1327.2	1087.9	860.2	659.9
50°	4064.0	3628.1	3216.3	2831.7	2462.5	2125.1	1795.0	1494.8	1215.9	959.3	741.3
47.5°	4557.0	4064.0	3592.1	3145.1	2741.2	2351.2	1995.5	1659.9	1339.7	1069.2	819.9
45°	5090.9	4514.4	3980.0	3484.6	3011.0	2591.7	2195.4	1819.3	1482.2	1175.1	895.5
42.5°	5626.2	4991.9	4387.3	3813.2	3306.9	2830.9	2387.8	1990.5	1619.7	1276.8	977.5
40°	6243.6	5476.0	4795.2	4177.4	3598.2	3061.4	2594.3	2157.4	1751.2	1380.2	1062.3
37.5°	6848.1	5997.8	5228.1	4526.2	3887.6	3317.0	2794.2	2316.5	1881.3	1491.1	1142.9
35°	7502.8	6537.8	5641.3	4886.1	4193.9	3560.0	2984.1	2475.4	2016.4	1596.1	1219.2
32.5°	8132.1	7073.7	6110.1	5248.7	4483.9	3789.8	3181.3	2637.2	2143.7	1695.1	1291.1
30°	8820.0	7627.3	6559.5	5590.1	4768.7	4036.4	3377.4	2788.9	2263.1	1787.7	1361.5
27.5°	9494.6	8146.5	6992.7	5959.3	5061.6	4268.9	3560.0	2930.2	2374.0	1878.2	1436.3
25°	10147.3	8701.2	7438.4	6318.7	5332.8	4483.9	3728.8	3061.4	2485.5	1968.4	1505.2
22.5°	10809.2	9236.7	7848.0	6648.5	5581.3	4681.3	3894.9	3200.2	2591.7	2050.8	1568.1
20°	11411.8	9723.4	8219.6	6955.2	5834.2	4886.1	4056.0	3325.6	2687.5	2125.1	1624.8
17.5°	11967.0	10188.6	8608.0	7259.8	6077.9	5068.6	4199.4	3437.1	2772.6	2191.1	1675.1
15°	12523.5	10625.6	8959.2	7526.5	6291.2	5228.1	4324.7	3534.4	2846.9	2248.6	1719.0
12.5°	13000.3	10999.5	9259.3	7754.2	6473.1	5364.0	4431.4	3617.2	2910.2	2297.6	1756.3
10°	13394.6	11308.4	9506.9	7941.9	6622.9	5476.0	4519.2	3685.4	2962.1	2337.8	1786.9
7.5°	13703.9	11550.4	9700.8	8088.8	6740.1	5563.4	4587.8	3738.6	3002.7	2369.2	1810.9
5°	13926.3	11724.4	9840.1	8194.3	6824.1	5626.2	4637.0	3776.7	3031.8	2391.7	1828.0
2.5°	14060.3	11829.1	9923.9	8257.7	6874.7	5663.9	4666.5	3799.6	3049.3	2405.2	1838.3
0°	14105.1	11864.1	9951.9	8278.9	6891.6	5676.5	4676.4	3807.3	3055.1	2409.7	1841.7
-2.5°	14060.3	11829.1	9923.9	8257.7	6874.7	5663.9	4666.5	3799.6	3049.3	2405.2	1838.3
-5°	13926.3	11724.4	9840.1	8194.3	6824.1	5626.2	4637.0	3776.7	3031.8	2391.7	1828.0
-7.5°	13703.9	11550.4	9700.8	8088.8	6740.1	5563.4	4587.8	3738.6	3002.7	2369.2	1810.9
-10°	13394.6	11308.4	9506.9	7941.9	6622.9	5476.0	4519.2	3685.4	2962.1	2337.8	1786.9
-12.5°	13000.3	10999.5	9259.3	7754.2	6473.1	5364.0	4431.4	3617.2	2910.2	2297.6	1756.3
-15°	12523.5	10625.6	8959.2	7526.5	6291.2	5228.1	4324.7	3534.4	2846.9	2248.6	1719.0
-17.5°	11967.0	10188.6	8608.0	7259.8	6077.9	5068.6	4199.4	3437.1	2772.6	2191.1	1675.1
-20°	11411.8	9723.4	8219.6	6955.2	5834.2	4886.1	4056.0	3325.6	2687.5	2125.1	1624.8



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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°	10809.2	9236.7	7848.0	6648.5	5581.3	4681.3	3894.9	3200.2	2591.7	2050.8	1568.1
-25°	10147.3	8701.2	7438.4	6318.7	5332.8	4483.9	3728.8	3061.4	2485.5	1968.4	1505.2
-27.5°	9494.6	8146.5	6992.7	5959.3	5061.6	4268.9	3560.0	2930.2	2374.0	1878.2	1436.3
-30°	8820.0	7627.3	6559.5	5590.1	4768.7	4036.4	3377.4	2788.9	2263.1	1787.7	1361.5
-32.5°	8132.1	7073.7	6110.1	5248.7	4483.9	3789.8	3181.3	2637.2	2143.7	1695.1	1291.1
-35°	7502.8	6537.8	5641.3	4886.1	4193.9	3560.0	2984.1	2475.4	2016.4	1596.1	1219.2
-37.5°	6848.1	5997.8	5228.1	4526.2	3887.6	3317.0	2794.2	2316.5	1881.3	1491.1	1142.9
-40°	6243.6	5476.0	4795.2	4177.4	3598.2	3061.4	2594.3	2157.4	1751.2	1380.2	1062.3
-42.5°	5626.2	4991.9	4387.3	3813.2	3306.9	2830.9	2387.8	1990.5	1619.7	1276.8	977.5
-45°	5090.9	4514.4	3980.0	3484.6	3011.0	2591.7	2195.4	1819.3	1482.2	1175.1	895.5
-47.5°	4557.0	4064.0	3592.1	3145.1	2741.2	2351.2	1995.5	1659.9	1339.7	1069.2	819.9
-50°	4064.0	3628.1	3216.3	2831.7	2462.5	2125.1	1795.0	1494.8	1215.9	959.3	741.3
-52.5°	3592.1	3216.3	2862.0	2522.4	2203.4	1891.9	1607.2	1327.2	1087.9	860.2	659.9
-55°	3145.1	2831.7	2522.4	2229.6	1943.9	1675.1	1414.0	1180.6	955.9	764.2	578.0
-57.5°	2741.2	2462.5	2203.4	1943.9	1697.8	1459.1	1236.7	1030.1	839.5	665.5	510.8
-60°	2351.2	2125.1	1891.9	1675.1	1459.1	1255.5	1067.4	885.0	725.8	568.9	441.8
-62.5°	1995.5	1795.0	1607.2	1414.0	1236.7	1067.4	900.2	756.0	609.4	488.3	371.1
-65°	1659.9	1494.8	1327.2	1180.6	1030.1	885.0	756.0	624.5	511.7	406.1	305.9
-67.5°	1339.7	1215.9	1087.9	955.9	839.5	725.8	609.4	511.7	417.8	322.3	256.2
-70°	1069.2	959.3	860.2	764.2	665.5	568.9	488.3	406.1	322.3	264.1	205.8
-72.5°	819.9	741.3	659.9	578.0	510.8	441.8	371.1	305.9	256.2	205.8	154.6
-75°	594.8	540.3	486.1	430.1	372.4	315.5	274.5	232.7	190.1	146.7	120.1
-77.5°	416.4	372.8	327.7	293.7	261.3	227.9	193.8	158.9	131.3	111.5	91.3
-80°	265.5	242.0	217.6	192.4	166.4	140.4	125.4	110.0	94.4	78.5	62.4
-82.5°	145.3	133.8	123.7	113.4	102.7	91.7	80.5	69.0	57.2	45.3	38.7
-85°	77.4	70.9	64.2	57.3	50.2	43.0	39.7	36.3	32.9	29.4	25.8
-87.5°	29.0	27.6	26.2	24.7	23.1	21.5	19.9	18.2	16.5	14.7	12.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.1	9.3	7.5	5.6	3.7	1.9	0.0
85°	22.2	18.6	14.9	11.2	7.5	3.7	0.0
82.5°	33.3	27.8	22.3	16.8	11.2	5.6	0.0
80°	46.0	37.0	29.7	22.3	14.9	7.5	0.0
77.5°	70.9	50.3	37.0	27.8	18.6	9.3	0.0
75°	95.6	70.9	46.0	33.3	22.2	11.1	0.0
72.5°	120.1	91.3	62.4	38.7	25.8	12.9	0.0
70°	146.7	111.5	78.5	45.3	29.4	14.7	0.0
67.5°	190.1	131.3	94.4	57.2	32.9	16.5	0.0
65°	232.7	158.9	110.0	69.0	36.3	18.2	0.0
62.5°	274.5	193.8	125.4	80.5	39.7	19.9	0.0
60°	315.5	227.9	140.4	91.7	43.0	21.5	0.0
57.5°	372.4	261.3	166.4	102.7	50.2	23.1	0.0
55°	430.1	293.7	192.4	113.4	57.3	24.7	0.0
52.5°	486.1	327.7	217.6	123.7	64.2	26.2	0.0
50°	540.3	372.8	242.0	133.8	70.9	27.6	0.0
47.5°	594.8	416.4	265.5	145.3	77.4	29.0	0.0
45°	659.5	458.3	288.1	162.3	83.5	30.4	0.0
42.5°	721.6	498.5	309.8	178.5	89.5	31.7	0.0
40°	780.9	536.8	335.4	194.0	95.1	32.9	0.0
37.5°	837.3	573.3	364.5	208.7	100.5	34.1	0.0
35°	890.6	614.1	392.0	222.6	105.6	35.2	0.0
32.5°	944.1	655.8	417.8	235.6	110.3	36.3	0.0
30°	1001.4	694.7	442.0	247.8	114.8	37.2	0.0
27.5°	1054.6	730.9	464.4	259.1	118.9	38.1	0.0
25°	1103.6	764.1	485.0	269.5	122.7	39.0	0.0
22.5°	1148.3	794.4	503.7	279.0	126.1	39.7	0.0
20°	1188.6	821.7	520.7	287.5	129.2	40.4	0.0
17.5°	1224.3	845.9	535.7	295.1	132.0	41.0	0.0
15°	1255.5	867.0	548.7	301.7	134.4	41.5	0.0
12.5°	1281.9	885.0	559.8	307.3	136.4	42.0	0.0
10°	1303.7	899.7	568.9	311.9	138.1	42.3	0.0
7.5°	1320.6	911.2	576.0	315.5	139.4	42.6	0.0
5°	1332.8	919.4	581.1	318.0	140.4	42.8	0.0
2.5°	1340.1	924.4	584.2	319.6	140.9	43.0	0.0
0°	1342.5	926.0	585.2	320.1	141.1	43.0	0.0
-2.5°	1340.1	924.4	584.2	319.6	140.9	43.0	0.0
-5°	1332.8	919.4	581.1	318.0	140.4	42.8	0.0
-7.5°	1320.6	911.2	576.0	315.5	139.4	42.6	0.0
-10°	1303.7	899.7	568.9	311.9	138.1	42.3	0.0
-12.5°	1281.9	885.0	559.8	307.3	136.4	42.0	0.0
-15°	1255.5	867.0	548.7	301.7	134.4	41.5	0.0
-17.5°	1224.3	845.9	535.7	295.1	132.0	41.0	0.0
-20°	1188.6	821.7	520.7	287.5	129.2	40.4	0.0



REPORT NUMBER: P1305988 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1148.3	794.4	503.7	279.0	126.1	39.7	0.0
-25°	1103.6	764.1	485.0	269.5	122.7	39.0	0.0
-27.5°	1054.6	730.9	464.4	259.1	118.9	38.1	0.0
-30°	1001.4	694.7	442.0	247.8	114.8	37.2	0.0
-32.5°	944.1	655.8	417.8	235.6	110.3	36.3	0.0
-35°	890.6	614.1	392.0	222.6	105.6	35.2	0.0
-37.5°	837.3	573.3	364.5	208.7	100.5	34.1	0.0
-40°	780.9	536.8	335.4	194.0	95.1	32.9	0.0
-42.5°	721.6	498.5	309.8	178.5	89.5	31.7	0.0
-45°	659.5	458.3	288.1	162.3	83.5	30.4	0.0
-47.5°	594.8	416.4	265.5	145.3	77.4	29.0	0.0
-50°	540.3	372.8	242.0	133.8	70.9	27.6	0.0
-52.5°	486.1	327.7	217.6	123.7	64.2	26.2	0.0
-55°	430.1	293.7	192.4	113.4	57.3	24.7	0.0
-57.5°	372.4	261.3	166.4	102.7	50.2	23.1	0.0
-60°	315.5	227.9	140.4	91.7	43.0	21.5	0.0
-62.5°	274.5	193.8	125.4	80.5	39.7	19.9	0.0
-65°	232.7	158.9	110.0	69.0	36.3	18.2	0.0
-67.5°	190.1	131.3	94.4	57.2	32.9	16.5	0.0
-70°	146.7	111.5	78.5	45.3	29.4	14.7	0.0
-72.5°	120.1	91.3	62.4	38.7	25.8	12.9	0.0
-75°	95.6	70.9	46.0	33.3	22.2	11.1	0.0
-77.5°	70.9	50.3	37.0	27.8	18.6	9.3	0.0
-80°	46.0	37.0	29.7	22.3	14.9	7.5	0.0
-82.5°	33.3	27.8	22.3	16.8	11.2	5.6	0.0
-85°	22.2	18.6	14.9	11.2	7.5	3.7	0.0
-87.5°	11.1	9.3	7.5	5.6	3.7	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)