

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: P1306396 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-70-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

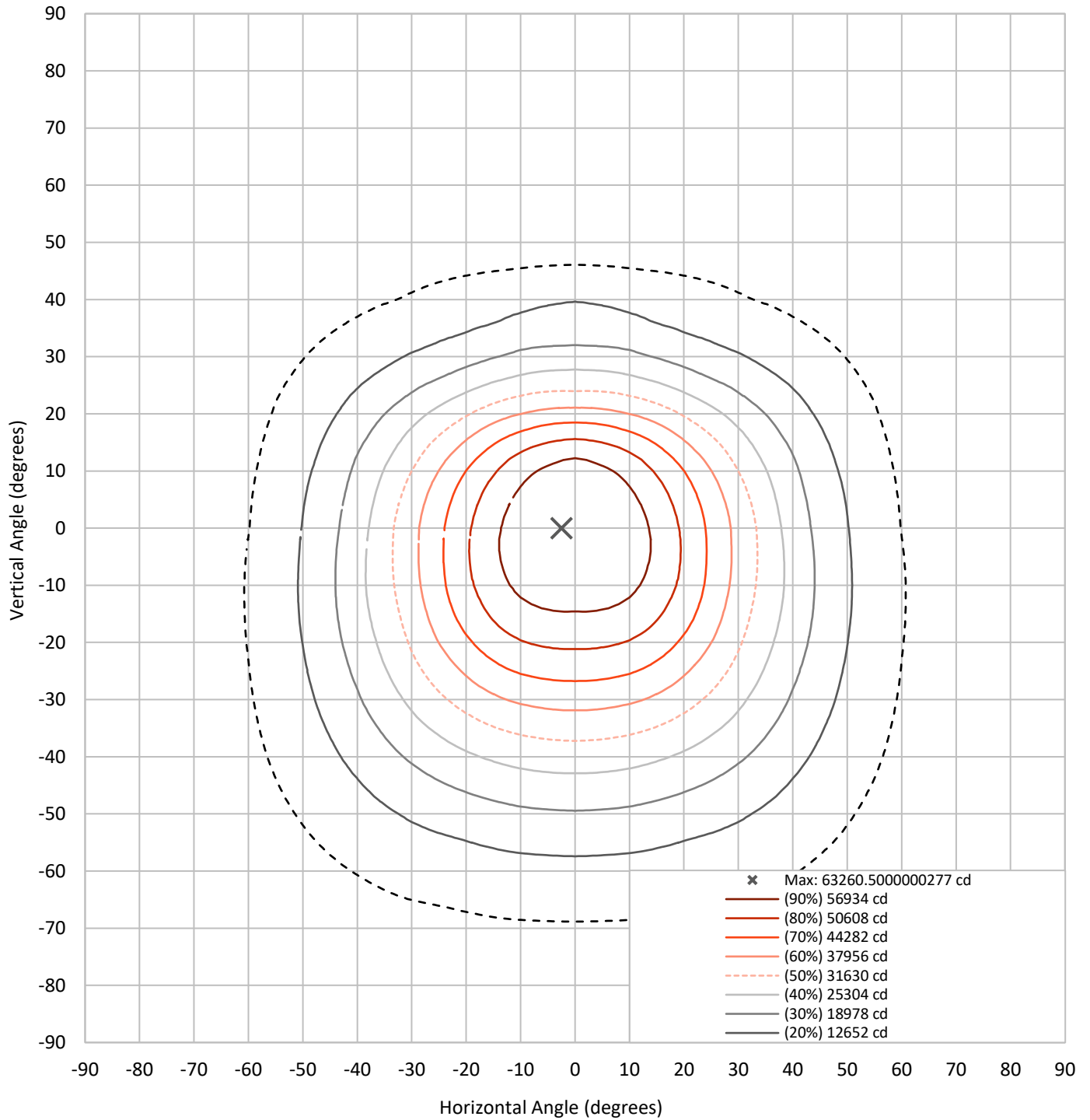
Test Method: LM-79-08
Report Number: P1306396 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-70-7F-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 7F BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	84159.8 lumens	Max Intensity:	63260.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	122.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	66.6°H x 61.2°V	Field Angle (10%):	119.6°H x 114.9°V
Beam Lumens:	45694.7 lumens	Field Lumens:	78865.3 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
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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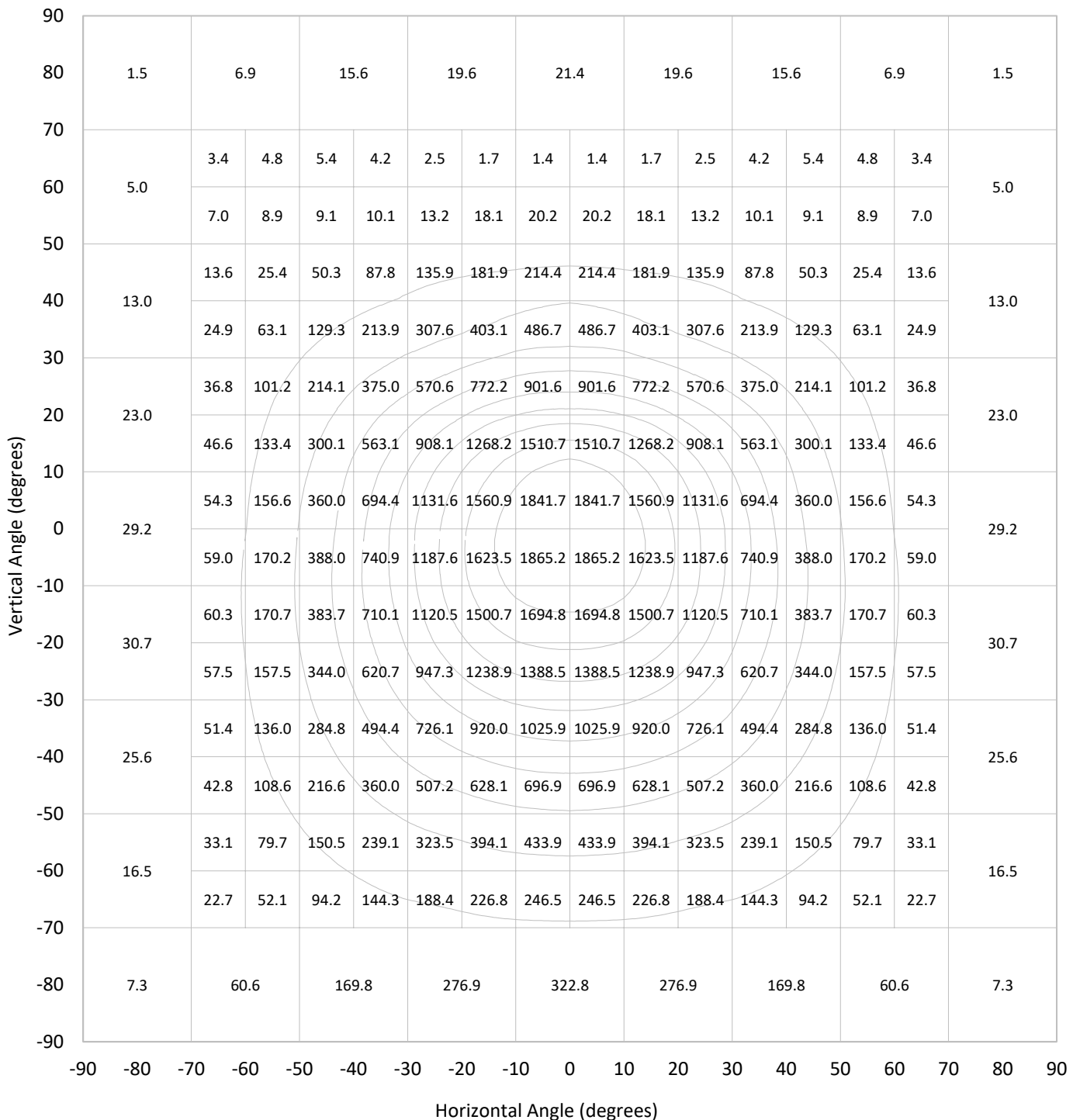
Iso-Candela Plot





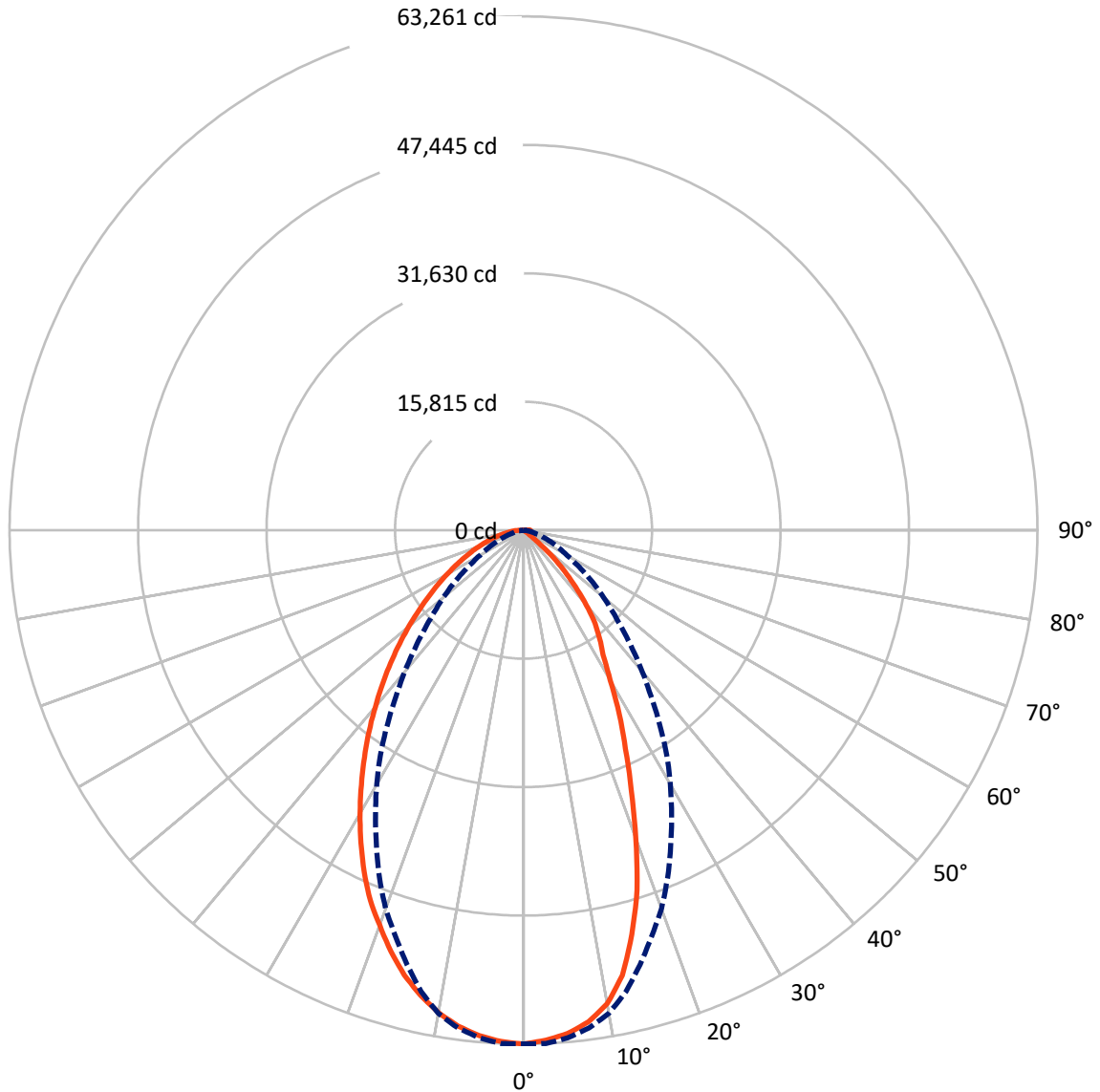
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Lumen Table



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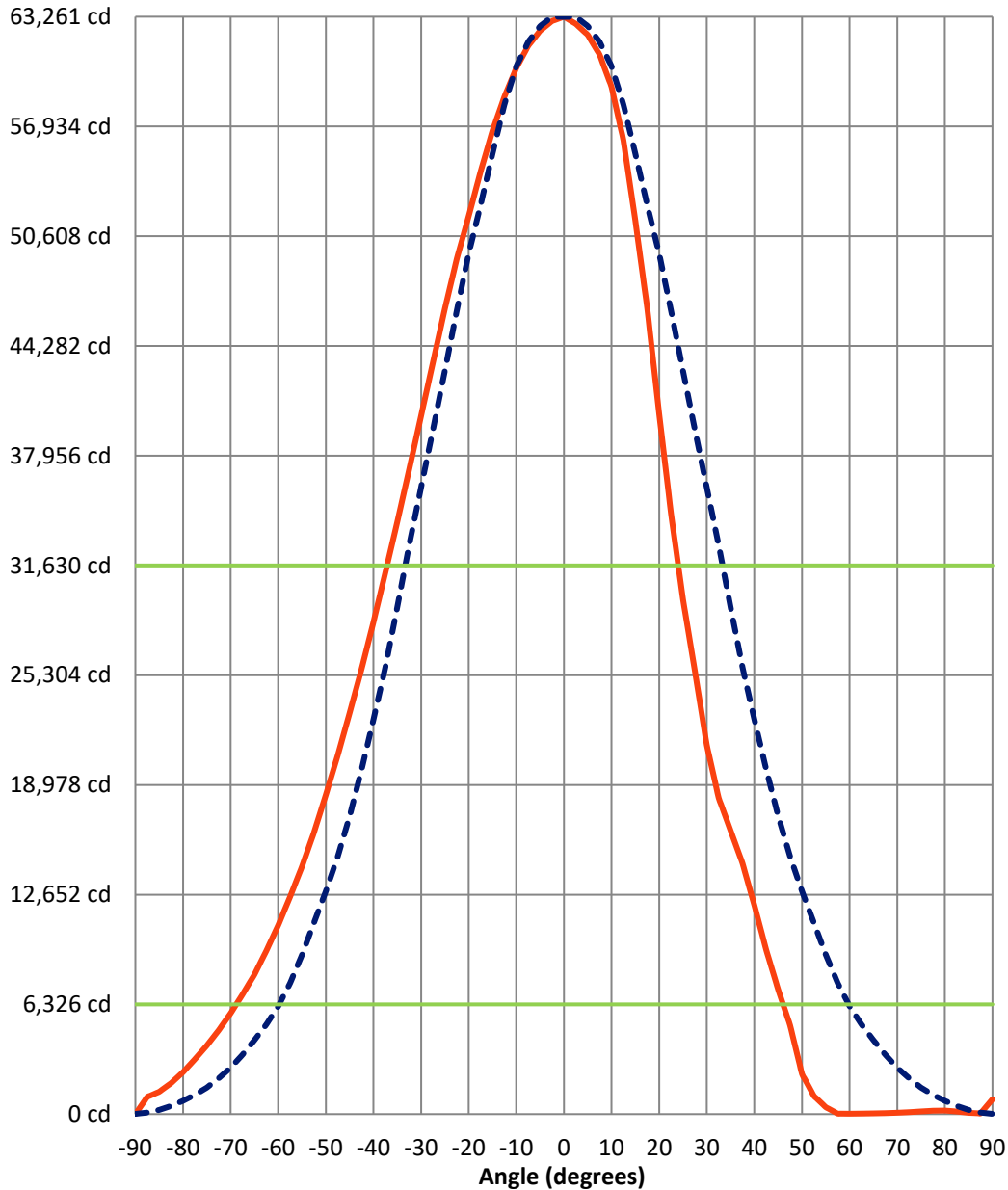
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 45694.7
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 78865.3
 Efficiency: 93.7%

Spill:
 Lumens: 5294.4
 Efficiency: 6.3%

— 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°	13.8	48.2	82.6	127.9	173.2	218.4	263.7	296.7	329.6	362.6	395.5
87.5°	13.8	17.5	20.0	21.7	23.1	24.1	24.9	24.9	24.5	23.9	22.9
85°	13.8	20.2	24.3	27.6	30.4	32.6	34.1	34.5	34.3	33.5	32.2
82.5°	13.8	23.0	28.6	33.6	37.8	41.0	43.3	44.2	45.0	48.3	50.9
80°	13.8	25.7	32.9	39.6	45.1	49.5	53.6	60.4	66.3	71.2	75.2
77.5°	13.8	28.4	37.2	45.5	52.5	61.3	71.3	79.8	87.6	94.2	97.2
75°	13.8	31.1	41.6	51.4	61.6	79.4	89.4	99.2	109.3	116.0	112.7
72.5°	13.8	33.8	45.9	57.3	78.6	97.9	108.0	121.0	135.6	138.6	130.1
70°	13.8	36.5	50.3	64.8	95.8	116.5	128.5	150.3	163.2	163.3	167.1
67.5°	13.8	39.2	54.8	79.3	113.1	135.6	160.0	180.4	192.5	209.3	210.7
65°	13.8	41.8	59.2	93.8	130.5	160.5	192.2	211.7	240.7	257.3	260.9
62.5°	13.8	44.4	63.7	108.3	148.1	191.4	225.4	255.0	290.5	310.5	323.6
60°	13.8	47.0	68.3	122.7	165.7	222.7	259.6	303.9	341.8	377.5	390.4
57.5°	13.8	49.6	78.7	137.0	192.7	254.6	306.7	354.6	406.6	447.7	468.5
55°	13.8	52.1	89.1	151.3	220.2	286.9	356.1	408.9	476.5	524.1	555.8
52.5°	13.8	54.6	99.4	165.5	247.8	321.6	406.5	477.2	548.8	614.8	649.6
50°	13.8	57.0	109.4	179.6	275.4	365.8	457.8	548.6	627.7	710.3	767.7
47.5°	13.8	59.5	119.3	195.3	303.1	410.1	511.7	621.6	719.8	810.7	898.0
45°	13.8	61.8	128.9	216.2	330.7	454.7	576.1	696.0	819.4	940.3	1038.8
42.5°	13.8	64.1	138.3	236.8	358.3	499.3	640.9	780.1	922.3	1077.7	1228.2
40°	13.8	66.4	147.5	257.1	389.6	543.9	706.1	871.7	1034.4	1221.6	1438.7
37.5°	13.8	68.6	156.4	276.9	424.2	588.5	771.5	964.5	1159.5	1375.5	1664.1
35°	13.8	70.7	165.0	296.0	458.3	638.2	836.9	1058.3	1283.6	1554.9	1915.5
32.5°	13.8	72.8	173.3	314.5	491.7	690.2	905.7	1152.7	1406.3	1726.9	2137.0
30°	13.8	74.7	181.3	332.2	524.4	741.2	982.3	1249.3	1527.2	1891.3	2344.6
27.5°	13.8	76.6	188.9	349.1	554.1	791.2	1058.0	1350.0	1653.6	2047.9	2538.1
25°	13.8	78.4	196.2	365.2	582.2	839.9	1132.4	1448.1	1786.7	2207.7	2718.3
22.5°	13.8	80.2	203.1	380.4	608.8	884.9	1205.2	1543.1	1912.7	2361.9	2907.7
20°	13.8	81.8	209.6	394.7	633.9	922.3	1276.1	1634.8	2031.2	2504.0	3086.4
17.5°	13.8	83.3	215.6	408.0	657.2	956.9	1331.7	1722.8	2142.2	2634.1	3253.6
15°	13.8	84.7	221.2	420.3	678.9	988.6	1374.9	1796.7	2245.5	2752.3	3408.8
12.5°	13.8	86.0	226.3	431.5	698.7	1017.3	1413.1	1854.3	2336.5	2858.7	3551.1
10°	13.8	87.1	230.9	441.6	716.6	1043.0	1446.3	1907.9	2418.2	2983.7	3696.0
7.5°	13.8	88.2	235.0	450.6	732.5	1065.5	1474.4	1956.8	2494.0	3107.6	3861.2
5°	13.8	89.1	238.5	458.4	746.3	1084.9	1497.6	2000.2	2562.8	3224.3	4012.3
2.5°	13.8	89.9	241.6	465.0	757.9	1101.0	1515.8	2037.5	2623.9	3331.8	4148.2
0°	13.8	90.5	244.0	470.3	767.4	1113.8	1529.0	2068.1	2676.2	3427.9	4268.1
-2.5°	13.8	92.3	247.8	477.4	779.9	1134.6	1565.8	2118.9	2741.5	3495.3	4343.9
-5°	13.8	93.9	250.9	483.2	790.1	1151.8	1597.2	2161.9	2796.6	3549.2	4402.4
-7.5°	13.8	95.4	253.5	487.6	797.8	1165.3	1622.7	2196.5	2841.1	3589.9	4443.3
-10°	13.8	96.7	255.4	490.6	802.9	1174.8	1642.0	2222.4	2874.6	3617.5	4466.6
-12.5°	13.8	97.8	256.7	492.1	805.4	1180.4	1654.5	2239.2	2896.6	3633.1	4484.8
-15°	13.8	98.8	257.4	492.1	805.1	1181.6	1659.9	2246.6	2904.2	3639.5	4489.2
-17.5°	13.8	99.6	257.4	490.6	802.0	1178.6	1657.7	2241.4	2895.8	3629.9	4472.6
-20°	13.8	100.2	256.8	487.6	796.1	1171.1	1648.5	2224.9	2874.6	3604.0	4434.4



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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°	13.8	100.6	255.6	483.1	787.3	1159.0	1634.0	2199.5	2840.3	3561.5	4374.3
-25°	13.8	100.9	253.7	477.0	775.6	1147.1	1613.1	2165.2	2792.7	3502.0	4292.2
-27.5°	13.8	101.0	251.2	469.3	760.9	1132.4	1585.8	2122.2	2731.7	3430.1	4211.5
-30°	13.8	100.8	248.1	460.1	743.7	1112.7	1552.1	2070.3	2667.5	3350.7	4111.8
-32.5°	13.8	100.6	244.3	449.3	728.0	1088.1	1512.2	2020.8	2598.9	3255.2	3992.1
-35°	13.8	100.1	239.9	437.0	709.3	1058.5	1474.8	1967.2	2520.3	3143.5	3852.5
-37.5°	13.8	99.4	234.9	423.1	687.3	1026.9	1434.9	1906.2	2431.7	3015.8	3707.7
-40°	13.8	98.6	229.2	407.7	662.3	996.3	1388.5	1838.0	2333.4	2896.2	3555.2
-42.5°	13.8	97.5	223.0	391.7	639.1	961.6	1335.8	1762.8	2240.1	2777.7	3388.2
-45°	13.8	96.3	216.2	376.0	618.1	922.7	1276.7	1685.9	2145.7	2644.9	3211.6
-47.5°	13.8	94.9	208.8	358.6	594.8	879.7	1211.5	1608.8	2043.4	2498.4	3045.2
-50°	13.8	93.3	200.8	346.3	569.0	832.8	1152.2	1524.2	1928.8	2366.9	2862.0
-52.5°	13.8	91.6	192.3	334.9	540.8	782.1	1089.9	1432.3	1813.0	2223.9	2666.6
-55°	13.8	89.7	183.2	322.2	510.4	740.3	1022.8	1335.3	1692.2	2070.0	2490.8
-57.5°	13.8	87.6	173.7	308.3	477.8	697.9	951.0	1248.9	1563.3	1917.5	2302.6
-60°	13.8	85.4	163.7	293.3	443.7	652.6	877.1	1154.4	1431.8	1759.1	2108.9
-62.5°	13.8	83.0	158.6	277.1	420.1	604.5	816.7	1053.8	1312.5	1592.3	1917.4
-65°	13.8	80.4	153.0	259.9	394.9	553.9	753.0	955.6	1187.3	1440.3	1716.7
-67.5°	13.8	77.7	147.2	241.7	368.1	509.0	686.0	871.2	1056.7	1287.7	1531.0
-70°	13.8	74.9	141.0	222.5	339.8	470.3	616.1	783.6	952.0	1129.2	1348.2
-72.5°	13.8	71.9	134.6	210.6	310.3	429.7	560.5	693.1	844.5	1002.9	1168.1
-75°	13.8	68.8	127.8	200.1	279.5	387.3	505.1	616.8	733.9	873.8	1019.6
-77.5°	13.8	65.7	120.8	189.0	260.8	343.5	447.7	544.4	644.2	749.3	867.3
-80°	13.8	62.3	113.6	177.5	244.3	313.4	388.5	470.1	554.8	643.7	736.7
-82.5°	13.8	58.9	106.1	165.7	227.2	290.6	355.7	407.9	463.6	536.1	611.5
-85°	13.8	55.4	98.4	153.4	209.6	267.1	325.7	371.4	417.4	463.8	510.6
-87.5°	13.8	51.9	90.6	140.8	191.6	243.0	295.0	334.3	373.8	413.5	453.4
-90°	13.8	14.8	15.7	15.7	15.7	15.7	15.7	15.2	14.8	14.3	13.8



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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°	424.5	453.6	482.6	511.6	540.2	568.7	597.3	625.8	652.4	678.9	705.5
87.5°	23.6	24.1	24.6	25.1	24.1	22.9	21.6	20.2	21.8	23.6	25.5
85°	33.3	34.4	37.3	39.6	41.1	43.2	45.7	48.8	54.6	60.4	66.1
82.5°	55.4	59.1	61.8	63.4	68.9	75.7	82.9	89.7	96.2	102.4	108.3
80°	80.1	83.9	84.7	85.6	92.8	101.8	111.2	121.0	128.9	136.1	143.0
77.5°	98.1	100.3	102.8	105.8	115.1	128.1	141.0	154.1	163.7	171.4	178.4
75°	112.2	116.3	125.7	131.5	142.0	157.1	172.3	186.9	196.4	201.8	205.3
72.5°	135.3	148.8	157.2	160.4	170.5	188.3	204.3	218.5	225.9	224.9	220.2
70°	170.7	183.3	194.2	198.2	202.6	219.9	233.0	243.1	247.7	238.7	221.0
67.5°	208.9	228.2	238.2	238.7	232.5	247.6	259.3	257.8	249.9	230.5	207.3
65°	257.9	276.4	285.3	281.7	265.0	268.4	267.5	260.5	242.6	215.8	188.0
62.5°	312.9	329.5	336.5	327.2	296.6	283.5	275.9	258.0	230.6	204.4	178.1
60°	382.8	386.5	391.0	374.3	335.9	299.6	285.4	267.5	238.1	202.2	180.5
57.5°	461.3	448.6	450.8	432.0	387.7	323.0	316.7	293.8	269.0	221.7	199.5
55°	551.7	517.2	522.7	505.6	464.9	392.6	368.0	364.8	330.0	292.7	251.7
52.5°	660.3	613.3	612.2	609.5	587.5	525.2	468.9	508.0	529.9	488.3	514.8
50°	782.2	758.8	723.6	764.5	777.5	744.5	695.0	804.3	936.0	996.2	994.7
47.5°	944.1	930.4	899.8	974.0	1066.8	1151.8	1172.2	1369.7	1569.1	1789.6	1815.8
45°	1134.8	1169.9	1152.5	1310.1	1508.8	1737.4	1907.3	2098.8	2552.7	2816.0	3206.1
42.5°	1346.5	1448.7	1541.9	1690.8	2159.4	2450.5	2706.6	3187.3	3638.8	4020.6	4423.6
40°	1618.9	1753.4	1956.9	2362.0	2867.3	3204.1	3645.0	4192.8	4650.1	5081.2	5493.8
37.5°	1914.3	2139.0	2414.6	2995.3	3570.3	3992.2	4532.0	5075.4	5595.3	6078.9	6655.8
35°	2226.5	2525.9	2960.0	3566.7	4170.0	4757.6	5351.8	5957.1	6550.4	7213.1	7861.8
32.5°	2566.4	2913.2	3461.2	4105.4	4780.7	5463.4	6153.8	6860.3	7614.4	8387.1	9075.4
30°	2873.0	3344.7	3927.9	4626.6	5388.7	6172.9	6978.5	7791.6	8717.4	9632.1	10457.8
27.5°	3107.2	3739.9	4391.3	5163.5	5998.5	6873.0	7806.4	8814.0	9891.9	10940.4	11920.5
25°	3331.9	4044.1	4835.6	5700.2	6627.8	7611.0	8655.1	9783.2	11105.9	12334.4	13557.0
22.5°	3567.4	4350.5	5204.5	6223.2	7240.3	8359.4	9517.9	10816.1	12277.8	13730.2	15216.0
20°	3817.9	4667.5	5568.8	6643.0	7813.5	9096.7	10329.9	11840.9	13466.9	15154.6	16967.0
17.5°	4062.0	4959.0	5921.7	7054.0	8322.6	9759.8	11112.8	12832.8	14634.7	16565.0	18614.9
15°	4297.3	5224.6	6243.7	7431.9	8815.2	10340.9	11923.2	13807.8	15823.0	17954.1	20106.8
12.5°	4520.9	5464.4	6534.0	7775.0	9275.1	10905.5	12648.6	14630.6	16837.9	19193.5	21539.9
10°	4730.0	5678.4	6791.9	8081.5	9696.9	11443.9	13294.2	15366.1	17661.1	20088.1	22705.3
7.5°	4888.5	5856.2	7019.3	8349.8	10075.0	11945.6	13859.2	16010.6	18356.9	20884.7	23698.1
5°	5009.9	6000.6	7229.6	8659.6	10438.2	12360.7	14324.0	16560.2	18927.2	21570.1	24555.2
2.5°	5102.1	6122.7	7409.8	8947.4	10763.5	12643.5	14627.1	16920.8	19440.3	22210.0	25251.8
0°	5169.4	6220.2	7556.3	9193.5	11027.5	12851.6	14850.9	17182.7	19857.0	22751.6	25766.2
-2.5°	5283.7	6393.2	7761.1	9388.5	11192.2	13055.4	15139.2	17547.4	20252.3	23093.2	26209.8
-5°	5375.2	6535.5	7926.7	9535.2	11299.5	13188.8	15337.9	17801.1	20511.1	23323.4	26438.8
-7.5°	5441.4	6643.1	8051.0	9632.6	11371.2	13296.6	15476.8	17927.3	20608.0	23460.7	26474.6
-10°	5480.6	6694.0	8090.2	9661.4	11409.8	13354.7	15530.1	17945.8	20579.0	23428.4	26376.5
-12.5°	5495.4	6692.9	8078.1	9637.9	11380.2	13327.0	15487.8	17858.2	20427.2	23220.2	26126.5
-15°	5485.6	6658.6	8021.9	9561.4	11280.0	13210.2	15349.2	17666.7	20145.6	22796.1	25620.6
-17.5°	5451.2	6591.0	7920.9	9431.5	11107.6	13001.8	15102.2	17312.6	19741.0	22306.4	24977.7
-20°	5392.3	6490.0	7774.8	9248.1	10872.4	12728.3	14753.2	16892.9	19225.6	21722.1	24257.6



REPORT NUMBER: P1306396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	5309.0	6355.9	7604.1	9041.5	10646.7	12417.4	14336.4	16388.0	18568.9	21024.8	23441.1
-25°	5213.1	6237.3	7425.4	8816.5	10361.4	12053.2	13848.5	15810.2	17868.6	20167.0	22505.9
-27.5°	5103.9	6093.3	7235.1	8546.7	10011.4	11648.5	13365.0	15206.4	17155.5	19222.0	21464.7
-30°	4968.8	5929.7	7007.2	8251.4	9656.7	11207.8	12858.4	14523.0	16369.2	18317.7	20373.3
-32.5°	4808.6	5732.0	6779.7	7964.7	9270.8	10697.9	12267.2	13850.0	15553.5	17356.8	19261.9
-35°	4637.2	5531.3	6526.3	7638.1	8847.4	10184.8	11618.0	13123.6	14690.2	16384.8	18060.7
-37.5°	4464.7	5301.8	6230.4	7292.3	8450.7	9638.9	10927.9	12360.3	13828.3	15326.6	16865.6
-40°	4270.7	5044.1	5935.9	6926.1	7974.9	9077.4	10285.2	11563.8	12928.6	14280.2	15659.7
-42.5°	4059.3	4806.3	5623.9	6507.4	7488.9	8514.8	9598.6	10795.1	11984.7	13212.2	14486.0
-45°	3858.6	4546.5	5291.9	6113.1	6980.6	7929.3	8940.8	9986.6	11057.5	12142.3	13301.9
-47.5°	3643.0	4276.7	4978.8	5690.6	6487.7	7346.4	8255.9	9197.0	10124.5	11119.3	12110.4
-50°	3418.4	4023.5	4628.4	5290.0	5998.0	6768.6	7593.6	8405.0	9253.2	10114.5	11007.9
-52.5°	3193.2	3755.2	4303.1	4882.3	5522.7	6207.0	6925.9	7650.9	8404.6	9162.8	9928.5
-55°	2950.1	3471.5	3968.7	4491.8	5053.4	5666.5	6275.1	6927.4	7580.7	8274.5	8903.6
-57.5°	2720.1	3164.7	3624.9	4102.9	4605.5	5127.4	5667.8	6213.6	6808.2	7406.4	7945.4
-60°	2493.4	2869.6	3271.5	3708.4	4158.2	4620.5	5068.5	5555.5	6058.6	6548.5	7041.7
-62.5°	2258.2	2591.3	2934.9	3305.6	3715.0	4113.2	4517.5	4928.0	5337.8	5772.5	6189.4
-65°	2026.2	2310.3	2614.9	2936.2	3265.3	3625.1	3980.5	4327.2	4693.3	5049.0	5394.5
-67.5°	1783.8	2044.0	2304.8	2572.5	2866.9	3160.6	3456.2	3774.7	4083.8	4374.5	4667.4
-70°	1567.2	1776.7	2007.6	2243.8	2478.0	2719.0	2981.5	3244.7	3503.0	3750.7	4004.2
-72.5°	1351.9	1539.8	1728.6	1917.7	2121.3	2324.2	2529.3	2735.8	2951.7	3167.8	3378.0
-75°	1160.1	1301.0	1465.0	1631.9	1790.9	1946.0	2104.6	2280.2	2452.9	2622.4	2790.4
-77.5°	985.2	1104.1	1227.1	1353.7	1474.7	1604.7	1735.3	1866.2	1995.0	2121.1	2244.6
-80°	820.7	904.2	1003.2	1105.8	1201.9	1296.6	1391.3	1485.9	1581.3	1681.1	1784.1
-82.5°	679.4	747.4	816.2	885.7	949.6	1011.9	1076.5	1150.3	1225.7	1300.7	1374.8
-85°	550.2	589.1	642.0	695.4	746.4	796.7	846.3	895.1	945.3	994.8	1043.5
-87.5°	487.6	521.7	555.5	589.2	621.6	653.7	685.6	717.3	749.6	781.8	814.0
-90°	13.8	13.8	13.8	13.8	13.3	12.8	12.3	11.8	11.3	10.8	10.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	732.0	740.4	748.8	757.1	765.5	785.2	804.9	824.5	844.2	848.6	853.1
87.5°	27.6	27.6	27.6	27.6	27.5	31.9	36.4	41.1	45.8	45.3	44.6
85°	71.6	72.6	73.1	73.1	72.7	78.8	84.9	90.9	96.7	92.8	88.3
82.5°	114.0	116.0	118.0	120.0	122.2	128.5	134.7	140.6	146.1	147.9	149.6
80°	149.2	153.1	155.9	158.2	159.9	165.3	171.0	176.5	181.7	187.3	192.9
77.5°	183.3	184.6	183.9	182.1	179.3	180.0	181.3	181.9	182.0	184.9	188.2
75°	207.0	204.3	196.2	186.8	176.4	170.0	165.3	160.3	155.2	154.3	154.6
72.5°	212.2	201.5	188.2	171.6	155.3	144.0	136.3	129.0	122.0	118.5	116.5
70°	200.9	180.3	162.4	144.6	127.4	114.6	106.9	99.9	93.6	89.5	86.6
67.5°	180.9	155.4	136.6	118.4	101.5	88.2	81.6	75.4	69.8	65.7	62.8
65°	160.7	133.6	115.3	97.8	80.8	67.7	62.6	57.6	52.6	49.0	46.9
62.5°	149.4	121.0	102.1	86.8	71.4	56.3	50.9	45.8	40.6	36.6	34.9
60°	153.4	121.1	98.2	84.0	68.0	50.5	43.9	39.2	33.9	29.2	27.5
57.5°	177.4	142.2	108.0	102.4	86.2	60.4	62.9	73.2	65.5	45.1	42.9
55°	271.4	262.7	171.9	222.5	258.8	243.8	227.8	301.4	337.3	339.2	372.5
52.5°	539.4	603.1	579.4	606.9	756.6	817.2	809.2	941.0	1009.3	1000.0	1035.7
50°	1135.8	1266.1	1426.5	1452.3	1703.4	1877.4	1919.4	2072.1	2241.6	2306.4	2379.4
47.5°	2216.6	2522.0	2676.9	2851.6	3140.5	3457.1	3702.3	3922.0	4160.1	4322.9	4519.3
45°	3610.6	3826.4	4096.0	4501.8	4942.9	5356.0	5744.1	6097.7	6331.0	6538.9	6759.7
42.5°	4757.5	5102.1	5554.4	6159.7	6787.2	7211.3	7530.5	7871.3	8235.7	8582.1	8901.5
40°	5931.8	6331.2	7048.7	7734.7	8202.9	8612.2	9049.2	9511.7	9988.1	10442.5	10894.4
37.5°	7190.4	7780.7	8409.0	9008.6	9504.0	9891.2	10490.0	11002.3	11479.7	12156.4	12777.1
35°	8529.6	9171.1	9711.1	10396.8	10950.7	11428.3	12054.9	12700.1	13113.2	14041.5	14845.1
32.5°	9862.0	10609.7	11329.5	11980.7	12668.0	13404.4	14014.3	14899.4	15572.8	16460.7	17333.5
30°	11250.3	12275.3	13173.8	13888.5	14824.8	15776.7	16632.4	17674.7	18667.3	19493.6	20418.7
27.5°	13002.2	14141.8	15237.5	16338.9	17339.1	18527.8	19889.9	20992.5	22263.2	23164.1	24131.6
25°	14860.8	16218.4	17675.8	19095.5	20407.6	21945.4	23489.7	24836.7	26153.7	27191.8	28225.8
22.5°	16882.0	18523.6	20258.2	22045.2	23819.1	25503.9	27161.5	28828.5	30346.6	31773.5	32767.5
20°	18934.5	20757.6	22864.0	25017.1	27059.7	28961.4	30953.3	33061.3	34990.3	36643.9	37868.5
17.5°	20786.2	23072.9	25389.6	27752.0	30055.5	32405.8	34877.2	37356.6	39640.5	41577.1	43202.9
15°	22454.2	25045.1	27727.2	30392.5	33041.5	35747.4	38635.3	41306.6	43866.6	46087.6	47988.3
12.5°	24099.1	26866.4	29741.4	32729.9	35870.3	38800.2	41740.3	44620.8	47303.6	49885.4	51789.5
10°	25554.9	28542.9	31620.9	34823.3	38075.9	41254.5	44353.6	47356.3	49992.2	52429.9	54733.6
7.5°	26741.1	29945.7	33230.8	36599.0	39946.6	43165.3	46321.6	49322.3	51997.7	54495.9	56851.6
5°	27764.2	31163.0	34553.4	37910.0	41278.4	44616.8	47803.5	50762.1	53548.9	56145.0	58505.8
2.5°	28599.2	32143.1	35578.4	38884.2	42239.0	45656.3	48923.4	51781.8	54694.8	57335.2	59659.0
0°	29225.6	32803.1	36128.6	39464.0	42860.4	46315.9	49602.1	52402.3	55367.7	58189.5	60399.4
-2.5°	29568.3	32935.7	36245.8	39592.2	43091.0	46645.5	49927.1	52945.3	55893.7	58538.8	60593.3
-5°	29687.4	32999.9	36298.1	39704.9	43173.3	46671.9	49942.4	52968.5	55799.9	58274.0	60147.9
-7.5°	29607.5	32887.5	36152.6	39525.9	42972.4	46429.2	49647.1	52541.7	55268.4	57611.8	59399.8
-10°	29366.3	32542.6	35808.9	39126.7	42580.6	45993.4	49146.9	51758.3	54361.7	56560.3	58251.0
-12.5°	28967.7	32008.9	35230.2	38474.5	41863.1	45143.7	48082.3	50682.4	53008.7	55235.6	56715.5
-15°	28402.1	31334.3	34414.0	37590.9	40801.3	43975.0	46840.3	49353.4	51508.6	53265.2	54823.7
-17.5°	27692.9	30522.0	33473.1	36517.4	39498.6	42518.0	45173.3	47691.9	49764.9	51328.7	52538.1
-20°	26819.8	29565.4	32387.6	35294.1	38064.0	40631.9	43191.7	45533.6	47582.7	49111.8	50274.1



REPORT NUMBER: P1306396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	25898.2	28488.5	31162.3	33783.0	36305.5	38719.5	41037.8	43187.2	45135.6	46581.4	47693.7
-25°	24849.6	27272.1	29744.3	32111.1	34414.8	36662.5	38763.8	40755.4	42456.3	43862.8	44895.5
-27.5°	23701.3	25956.9	28188.2	30389.5	32526.9	34469.8	36403.3	38201.2	39697.0	40990.3	41904.9
-30°	22446.4	24509.2	26600.4	28663.9	30512.8	32263.0	33980.9	35541.6	36912.6	38048.3	38868.6
-32.5°	21122.9	23007.5	24947.2	26813.0	28434.4	30013.5	31511.4	32879.5	34136.7	35140.2	35880.0
-35°	19754.6	21500.6	23242.5	24855.7	26367.0	27771.6	29062.4	30274.9	31316.4	32231.2	32956.4
-37.5°	18408.8	19981.4	21493.1	22901.7	24298.1	25586.3	26713.7	27777.6	28724.5	29487.4	30123.2
-40°	17088.8	18480.8	19767.9	21021.7	22269.4	23359.9	24383.7	25301.2	26139.2	26868.1	27432.9
-42.5°	15776.7	16975.4	18086.3	19214.6	20293.4	21239.1	22130.5	22925.5	23652.6	24305.8	24853.4
-45°	14459.8	15485.0	16473.7	17465.7	18361.4	19203.8	19978.6	20677.1	21326.7	21876.8	22325.7
-47.5°	13114.8	14024.3	14922.4	15782.0	16525.1	17252.9	17920.0	18547.4	19132.8	19627.5	20024.2
-50°	11830.5	12634.4	13438.6	14149.2	14774.0	15380.1	15944.6	16550.3	17092.2	17542.8	17870.7
-52.5°	10624.7	11351.7	12042.9	12624.9	13153.0	13626.3	14060.0	14622.7	15132.7	15575.3	15866.0
-55°	9526.7	10148.8	10741.5	11222.3	11663.3	12058.0	12451.6	12903.8	13315.6	13683.8	13926.7
-57.5°	8493.1	9020.5	9513.5	9918.3	10286.2	10616.1	10981.6	11359.7	11697.4	11988.0	12183.6
-60°	7513.2	7962.1	8371.0	8704.1	9009.7	9287.5	9635.3	9965.3	10257.2	10494.2	10640.3
-62.5°	6588.9	6991.4	7309.4	7577.2	7821.4	8055.4	8359.3	8644.4	8907.7	9117.9	9240.2
-65°	5742.5	6095.0	6331.3	6543.3	6735.8	6946.6	7205.0	7436.9	7642.5	7798.7	7905.1
-67.5°	4971.0	5249.9	5436.2	5604.6	5769.5	5949.9	6169.2	6371.7	6556.7	6685.3	6764.8
-70°	4252.3	4467.3	4618.3	4761.5	4899.2	5053.9	5233.5	5400.9	5555.3	5655.2	5718.6
-72.5°	3581.7	3745.6	3870.4	3993.6	4104.7	4237.3	4383.8	4521.1	4648.5	4723.6	4771.9
-75°	2956.2	3081.8	3184.0	3278.6	3365.4	3476.9	3595.6	3707.0	3810.8	3868.0	3905.1
-77.5°	2376.1	2472.3	2549.3	2619.7	2683.6	2772.1	2863.4	2949.2	3029.2	3080.3	3121.2
-80°	1884.8	1943.0	1990.3	2034.3	2075.0	2141.2	2208.1	2271.3	2330.5	2363.8	2390.1
-82.5°	1447.8	1483.1	1511.3	1536.0	1557.2	1603.3	1649.2	1692.7	1733.7	1755.2	1773.5
-85°	1091.3	1110.3	1126.3	1140.6	1153.1	1185.1	1216.8	1247.3	1276.7	1282.9	1287.4
-87.5°	846.1	856.5	866.2	875.7	884.9	908.6	932.3	955.7	979.0	983.1	986.7
-90°	9.8	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.9	5.4	4.9



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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°	857.5	861.9	859.0	856.0	859.0	861.9	857.5	853.1	848.6	844.2	824.5
87.5°	43.9	43.2	43.3	43.3	43.3	43.2	43.9	44.6	45.3	45.8	41.1
85°	83.5	78.5	74.7	70.8	74.7	78.5	83.5	88.3	92.8	96.7	90.9
82.5°	151.2	152.6	152.3	151.5	152.3	152.6	151.2	149.6	147.9	146.1	140.6
80°	198.4	203.8	205.4	206.6	205.4	203.8	198.4	192.9	187.3	181.7	176.5
77.5°	191.5	194.8	195.8	196.8	195.8	194.8	191.5	188.2	184.9	182.0	181.9
75°	155.3	156.3	155.7	155.5	155.7	156.3	155.3	154.6	154.3	155.2	160.3
72.5°	114.7	113.4	112.5	112.2	112.5	113.4	114.7	116.5	118.5	122.0	129.0
70°	84.0	81.8	80.0	78.7	80.0	81.8	84.0	86.6	89.5	93.6	99.9
67.5°	60.2	58.1	56.4	55.1	56.4	58.1	60.2	62.8	65.7	69.8	75.4
65°	45.3	44.0	42.5	41.3	42.5	44.0	45.3	46.9	49.0	52.6	57.6
62.5°	33.4	32.2	31.6	31.5	31.6	32.2	33.4	34.9	36.6	40.6	45.8
60°	25.8	24.3	23.7	23.6	23.7	24.3	25.8	27.5	29.2	33.9	39.2
57.5°	38.7	33.1	29.8	27.5	29.8	33.1	38.7	42.9	45.1	65.5	73.2
55°	390.2	391.4	399.2	407.3	399.2	391.4	390.2	372.5	339.2	337.3	301.4
52.5°	1063.0	1059.5	1049.9	1031.1	1049.9	1059.5	1063.0	1035.7	1000.0	1009.3	941.0
50°	2423.2	2389.0	2314.8	2209.8	2314.8	2389.0	2423.2	2379.4	2306.4	2241.6	2072.1
47.5°	4783.8	4981.7	5118.6	5179.2	5118.6	4981.7	4783.8	4519.3	4322.9	4160.1	3922.0
45°	6989.5	7106.9	7175.4	7229.7	7175.4	7106.9	6989.5	6759.7	6538.9	6331.0	6097.7
42.5°	9173.3	9359.4	9451.0	9435.6	9451.0	9359.4	9173.3	8901.5	8582.1	8235.7	7871.3
40°	11328.6	11718.0	12037.6	12267.2	12037.6	11718.0	11328.6	10894.4	10442.5	9988.1	9511.7
37.5°	13390.9	13970.8	14460.6	14815.5	14460.6	13970.8	13390.9	12777.1	12156.4	11479.7	11002.3
35°	15502.6	16013.9	16349.6	16496.0	16349.6	16013.9	15502.6	14845.1	14041.5	13113.2	12700.1
32.5°	17890.1	18174.2	18234.4	18387.0	18234.4	18174.2	17890.1	17333.5	16460.7	15572.8	14899.4
30°	20982.0	21277.3	21284.5	21476.5	21284.5	21277.3	20982.0	20418.7	19493.6	18667.3	17674.7
27.5°	24894.3	25391.7	25553.2	25723.0	25553.2	25391.7	24894.3	24131.6	23164.1	22263.2	20992.5
25°	29083.7	29547.3	29695.9	29638.9	29695.9	29547.3	29083.7	28225.8	27191.8	26153.7	24836.7
22.5°	33785.9	34386.9	34605.6	34495.4	34605.6	34386.9	33785.9	32767.5	31773.5	30346.6	28828.5
20°	39048.7	39916.3	40374.8	40581.7	40374.8	39916.3	39048.7	37868.5	36643.9	34990.3	33061.3
17.5°	44588.1	45866.7	46453.8	46626.8	46453.8	45866.7	44588.1	43202.9	41577.1	39640.5	37356.6
15°	49627.6	50743.9	51505.2	51896.5	51505.2	50743.9	49627.6	47988.3	46087.6	43866.6	41306.6
12.5°	53524.2	54947.0	56132.9	56768.8	56132.9	54947.0	53524.2	51789.5	49885.4	47303.6	44620.8
10°	56700.4	58137.1	59215.4	59738.2	59215.4	58137.1	56700.4	54733.6	52429.9	49992.2	47356.3
7.5°	58898.0	60233.1	61070.3	61412.8	61070.3	60233.1	58898.0	56851.6	54495.9	51997.7	49322.3
5°	60318.5	61595.0	62213.8	62436.0	62213.8	61595.0	60318.5	58505.8	56145.0	53548.9	50762.1
2.5°	61341.2	62351.2	62846.8	62878.8	62846.8	62351.2	61341.2	59659.0	57335.2	54694.8	51781.8
0°	61808.3	62717.4	63260.5	63250.7	63260.5	62717.4	61808.3	60399.4	58189.5	55367.7	52402.3
-2.5°	61830.9	62621.9	63007.8	62790.2	63007.8	62621.9	61830.9	60593.3	58538.8	55893.7	52945.3
-5°	61390.0	62164.1	62453.4	62386.8	62453.4	62164.1	61390.0	60147.9	58274.0	55799.9	52968.5
-7.5°	60598.2	61285.1	61580.4	61589.9	61580.4	61285.1	60598.2	59399.8	57611.8	55268.4	52541.7
-10°	59390.9	59964.8	60303.0	60206.5	60303.0	59964.8	59390.9	58251.0	56560.3	54361.7	51758.3
-12.5°	57793.8	58360.2	58647.0	58589.0	58647.0	58360.2	57793.8	56715.5	55235.6	53008.7	50682.4
-15°	55883.2	56421.6	56690.3	56664.5	56690.3	56421.6	55883.2	54823.7	53265.2	51508.6	49353.4
-17.5°	53517.9	54057.6	54332.6	54370.1	54332.6	54057.6	53517.9	52538.1	51328.7	49764.9	47691.9
-20°	51039.1	51515.0	51766.9	51770.6	51766.9	51515.0	51039.1	50274.1	49111.8	47582.7	45533.6



REPORT NUMBER: P1306396 (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°	48469.5	49003.9	49302.9	49257.7	49302.9	49003.9	48469.5	47693.7	46581.4	45135.6	43187.2
-25°	45605.4	46141.0	46431.7	46420.2	46431.7	46141.0	45605.4	44895.5	43862.8	42456.3	40755.4
-27.5°	42547.8	43062.6	43343.2	43378.0	43343.2	43062.6	42547.8	41904.9	40990.3	39697.0	38201.2
-30°	39467.9	39975.4	40250.3	40272.8	40250.3	39975.4	39467.9	38868.6	38048.3	36912.6	35541.6
-32.5°	36450.0	36908.3	37162.2	37189.3	37162.2	36908.3	36450.0	35880.0	35140.2	34136.7	32879.5
-35°	33505.6	33908.3	34136.1	34210.0	34136.1	33908.3	33505.6	32956.4	32231.2	31316.4	30274.9
-37.5°	30640.0	31004.0	31224.1	31358.7	31224.1	31004.0	30640.0	30123.2	29487.4	28724.5	27777.6
-40°	27872.1	28191.0	28366.5	28369.6	28366.5	28191.0	27872.1	27432.9	26868.1	26139.2	25301.2
-42.5°	25259.2	25527.6	25661.8	25663.9	25661.8	25527.6	25259.2	24853.4	24305.8	23652.6	22925.5
-45°	22687.4	22950.0	23135.9	23253.4	23135.9	22950.0	22687.4	22325.7	21876.8	21326.7	20677.1
-47.5°	20326.8	20542.1	20689.7	20770.0	20689.7	20542.1	20326.8	20024.2	19627.5	19132.8	18547.4
-50°	18110.9	18283.0	18408.9	18483.5	18408.9	18283.0	18110.9	17870.7	17542.8	17092.2	16550.3
-52.5°	16063.2	16188.8	16234.0	16204.8	16234.0	16188.8	16063.2	15866.0	15575.3	15132.7	14622.7
-55°	14108.8	14234.1	14284.2	14266.5	14284.2	14234.1	14108.8	13926.7	13683.8	13315.6	12903.8
-57.5°	12337.6	12448.6	12537.5	12591.9	12537.5	12448.6	12337.6	12183.6	11988.0	11697.4	11359.7
-60°	10755.3	10837.4	10893.3	10915.3	10893.3	10837.4	10755.3	10640.3	10494.2	10257.2	9965.3
-62.5°	9326.1	9377.2	9416.9	9433.6	9416.9	9377.2	9326.1	9240.2	9117.9	8907.7	8644.4
-65°	7989.9	8052.3	8044.7	8001.0	8044.7	8052.3	7989.9	7905.1	7798.7	7642.5	7436.9
-67.5°	6824.9	6865.5	6900.4	6918.8	6900.4	6865.5	6824.9	6764.8	6685.3	6556.7	6371.7
-70°	5767.0	5800.3	5812.7	5808.9	5812.7	5800.3	5767.0	5718.6	5655.2	5555.3	5400.9
-72.5°	4808.2	4832.6	4837.3	4829.0	4837.3	4832.6	4808.2	4771.9	4723.6	4648.5	4521.1
-75°	3931.5	3947.6	3955.8	3955.3	3955.8	3947.6	3931.5	3905.1	3868.0	3810.8	3707.0
-77.5°	3155.4	3182.6	3171.0	3150.4	3171.0	3182.6	3155.4	3121.2	3080.3	3029.2	2949.2
-80°	2411.7	2428.3	2419.2	2404.6	2419.2	2428.3	2411.7	2390.1	2363.8	2330.5	2271.3
-82.5°	1789.3	1802.4	1787.4	1769.0	1787.4	1802.4	1789.3	1773.5	1755.2	1733.7	1692.7
-85°	1290.6	1292.5	1291.3	1288.9	1291.3	1292.5	1290.6	1287.4	1282.9	1276.7	1247.3
-87.5°	990.1	993.2	990.6	987.8	990.6	993.2	990.1	986.7	983.1	979.0	955.7
-90°	4.4	3.9	4.9	5.9	4.9	3.9	4.4	4.9	5.4	5.9	6.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	804.9	785.2	765.5	757.1	748.8	740.4	732.0	705.5	678.9	652.4	625.8
87.5°	36.4	31.9	27.5	27.6	27.6	27.6	27.6	25.5	23.6	21.8	20.2
85°	84.9	78.8	72.7	73.1	73.1	72.6	71.6	66.1	60.4	54.6	48.8
82.5°	134.7	128.5	122.2	120.0	118.0	116.0	114.0	108.3	102.4	96.2	89.7
80°	171.0	165.3	159.9	158.2	155.9	153.1	149.2	143.0	136.1	128.9	121.0
77.5°	181.3	180.0	179.3	182.1	183.9	184.6	183.3	178.4	171.4	163.7	154.1
75°	165.3	170.0	176.4	186.8	196.2	204.3	207.0	205.3	201.8	196.4	186.9
72.5°	136.3	144.0	155.3	171.6	188.2	201.5	212.2	220.2	224.9	225.9	218.5
70°	106.9	114.6	127.4	144.6	162.4	180.3	200.9	221.0	238.7	247.7	243.1
67.5°	81.6	88.2	101.5	118.4	136.6	155.4	180.9	207.3	230.5	249.9	257.8
65°	62.6	67.7	80.8	97.8	115.3	133.6	160.7	188.0	215.8	242.6	260.5
62.5°	50.9	56.3	71.4	86.8	102.1	121.0	149.4	178.1	204.4	230.6	258.0
60°	43.9	50.5	68.0	84.0	98.2	121.1	153.4	180.5	202.2	238.1	267.5
57.5°	62.9	60.4	86.2	102.4	108.0	142.2	177.4	199.5	221.7	269.0	293.8
55°	227.8	243.8	258.8	222.5	171.9	262.7	271.4	251.7	292.7	330.0	364.8
52.5°	809.2	817.2	756.6	606.9	579.4	603.1	539.4	514.8	488.3	529.9	508.0
50°	1919.4	1877.4	1703.4	1452.3	1426.5	1266.1	1135.8	994.7	996.2	936.0	804.3
47.5°	3702.3	3457.1	3140.5	2851.6	2676.9	2522.0	2216.6	1815.8	1789.6	1569.1	1369.7
45°	5744.1	5356.0	4942.9	4501.8	4096.0	3826.4	3610.6	3206.1	2816.0	2552.7	2098.8
42.5°	7530.5	7211.3	6787.2	6159.7	5554.4	5102.1	4757.5	4423.6	4020.6	3638.8	3187.3
40°	9049.2	8612.2	8202.9	7734.7	7048.7	6331.2	5931.8	5493.8	5081.2	4650.1	4192.8
37.5°	10490.0	9891.2	9504.0	9008.6	8409.0	7780.7	7190.4	6655.8	6078.9	5595.3	5075.4
35°	12054.9	11428.3	10950.7	10396.8	9711.1	9171.1	8529.6	7861.8	7213.1	6550.4	5957.1
32.5°	14014.3	13404.4	12668.0	11980.7	11329.5	10609.7	9862.0	9075.4	8387.1	7614.4	6860.3
30°	16632.4	15776.7	14824.8	13888.5	13173.8	12275.3	11250.3	10457.8	9632.1	8717.4	7791.6
27.5°	19889.9	18527.8	17339.1	16338.9	15237.5	14141.8	13002.2	11920.5	10940.4	9891.9	8814.0
25°	23489.7	21945.4	20407.6	19095.5	17675.8	16218.4	14860.8	13557.0	12334.4	11105.9	9783.2
22.5°	27161.5	25503.9	23819.1	22045.2	20258.2	18523.6	16882.0	15216.0	13730.2	12277.8	10816.1
20°	30953.3	28961.4	27059.7	25017.1	22864.0	20757.6	18934.5	16967.0	15154.6	13466.9	11840.9
17.5°	34877.2	32405.8	30055.5	27752.0	25389.6	23072.9	20786.2	18614.9	16565.0	14634.7	12832.8
15°	38635.3	35747.4	33041.5	30392.5	27727.2	25045.1	22454.2	20106.8	17954.1	15823.0	13807.8
12.5°	41740.3	38800.2	35870.3	32729.9	29741.4	26866.4	24099.1	21539.9	19193.5	16837.9	14630.6
10°	44353.6	41254.5	38075.9	34823.3	31620.9	28542.9	25554.9	22705.3	20088.1	17661.1	15366.1
7.5°	46321.6	43165.3	39946.6	36599.0	33230.8	29945.7	26741.1	23698.1	20884.7	18356.9	16010.6
5°	47803.5	44616.8	41278.4	37910.0	34553.4	31163.0	27764.2	24555.2	21570.1	18927.2	16560.2
2.5°	48923.4	45656.3	42239.0	38884.2	35578.4	32143.1	28599.2	25251.8	22210.0	19440.3	16920.8
0°	49602.1	46315.9	42860.4	39464.0	36128.6	32803.1	29225.6	25766.2	22751.6	19857.0	17182.7
-2.5°	49927.1	46645.5	43091.0	39592.2	36245.8	32935.7	29568.3	26209.8	23093.2	20252.3	17547.4
-5°	49942.4	46671.9	43173.3	39704.9	36298.1	32999.9	29687.4	26438.8	23323.4	20511.1	17801.1
-7.5°	49647.1	46429.2	42972.4	39525.9	36152.6	32887.5	29607.5	26474.6	23460.7	20608.0	17927.3
-10°	49146.9	45993.4	42580.6	39126.7	35808.9	32542.6	29366.3	26376.5	23428.4	20579.0	17945.8
-12.5°	48082.3	45143.7	41863.1	38474.5	35230.2	32008.9	28967.7	26126.5	23220.2	20427.2	17858.2
-15°	46840.3	43975.0	40801.3	37590.9	34414.0	31334.3	28402.1	25620.6	22796.1	20145.6	17666.7
-17.5°	45173.3	42518.0	39498.6	36517.4	33473.1	30522.0	27692.9	24977.7	22306.4	19741.0	17312.6
-20°	43191.7	40631.9	38064.0	35294.1	32387.6	29565.4	26819.8	24257.6	21722.1	19225.6	16892.9



REPORT NUMBER: P1306396 (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°	41037.8	38719.5	36305.5	33783.0	31162.3	28488.5	25898.2	23441.1	21024.8	18568.9	16388.0
-25°	38763.8	36662.5	34414.8	32111.1	29744.3	27272.1	24849.6	22505.9	20167.0	17868.6	15810.2
-27.5°	36403.3	34469.8	32526.9	30389.5	28188.2	25956.9	23701.3	21464.7	19222.0	17155.5	15206.4
-30°	33980.9	32263.0	30512.8	28663.9	26600.4	24509.2	22446.4	20373.3	18317.7	16369.2	14523.0
-32.5°	31511.4	30013.5	28434.4	26813.0	24947.2	23007.5	21122.9	19261.9	17356.8	15553.5	13850.0
-35°	29062.4	27771.6	26367.0	24855.7	23242.5	21500.6	19754.6	18060.7	16384.8	14690.2	13123.6
-37.5°	26713.7	25586.3	24298.1	22901.7	21493.1	19981.4	18408.8	16865.6	15326.6	13828.3	12360.3
-40°	24383.7	23359.9	22269.4	21021.7	19767.9	18480.8	17088.8	15659.7	14280.2	12928.6	11563.8
-42.5°	22130.5	21239.1	20293.4	19214.6	18086.3	16975.4	15776.7	14486.0	13212.2	11984.7	10795.1
-45°	19978.6	19203.8	18361.4	17465.7	16473.7	15485.0	14459.8	13301.9	12142.3	11057.5	9986.6
-47.5°	17920.0	17252.9	16525.1	15782.0	14922.4	14024.3	13114.8	12110.4	11119.3	10124.5	9197.0
-50°	15944.6	15380.1	14774.0	14149.2	13438.6	12634.4	11830.5	11007.9	10114.5	9253.2	8405.0
-52.5°	14060.0	13626.3	13153.0	12624.9	12042.9	11351.7	10624.7	9928.5	9162.8	8404.6	7650.9
-55°	12451.6	12058.0	11663.3	11222.3	10741.5	10148.8	9526.7	8903.6	8274.5	7580.7	6927.4
-57.5°	10981.6	10616.1	10286.2	9918.3	9513.5	9020.5	8493.1	7945.4	7406.4	6808.2	6213.6
-60°	9635.3	9287.5	9009.7	8704.1	8371.0	7962.1	7513.2	7041.7	6548.5	6058.6	5555.5
-62.5°	8359.3	8055.4	7821.4	7577.2	7309.4	6991.4	6588.9	6189.4	5772.5	5337.8	4928.0
-65°	7205.0	6946.6	6735.8	6543.3	6331.3	6095.0	5742.5	5394.5	5049.0	4693.3	4327.2
-67.5°	6169.2	5949.9	5769.5	5604.6	5436.2	5249.9	4971.0	4667.4	4374.5	4083.8	3774.7
-70°	5233.5	5053.9	4899.2	4761.5	4618.3	4467.3	4252.3	4004.2	3750.7	3503.0	3244.7
-72.5°	4383.8	4237.3	4104.7	3993.6	3870.4	3745.6	3581.7	3378.0	3167.8	2951.7	2735.8
-75°	3595.6	3476.9	3365.4	3278.6	3184.0	3081.8	2956.2	2790.4	2622.4	2452.9	2280.2
-77.5°	2863.4	2772.1	2683.6	2619.7	2549.3	2472.3	2376.1	2244.6	2121.1	1995.0	1866.2
-80°	2208.1	2141.2	2075.0	2034.3	1990.3	1943.0	1884.8	1784.1	1681.1	1581.3	1485.9
-82.5°	1649.2	1603.3	1557.2	1536.0	1511.3	1483.1	1447.8	1374.8	1300.7	1225.7	1150.3
-85°	1216.8	1185.1	1153.1	1140.6	1126.3	1110.3	1091.3	1043.5	994.8	945.3	895.1
-87.5°	932.3	908.6	884.9	875.7	866.2	856.5	846.1	814.0	781.8	749.6	717.3
-90°	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.3	10.8	11.3	11.8



REPORT NUMBER: P1306396 (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°	597.3	568.7	540.2	511.6	482.6	453.6	424.5	395.5	362.6	329.6	296.7
87.5°	21.6	22.9	24.1	25.1	24.6	24.1	23.6	22.9	23.9	24.5	24.9
85°	45.7	43.2	41.1	39.6	37.3	34.4	33.3	32.2	33.5	34.3	34.5
82.5°	82.9	75.7	68.9	63.4	61.8	59.1	55.4	50.9	48.3	45.0	44.2
80°	111.2	101.8	92.8	85.6	84.7	83.9	80.1	75.2	71.2	66.3	60.4
77.5°	141.0	128.1	115.1	105.8	102.8	100.3	98.1	97.2	94.2	87.6	79.8
75°	172.3	157.1	142.0	131.5	125.7	116.3	112.2	112.7	116.0	109.3	99.2
72.5°	204.3	188.3	170.5	160.4	157.2	148.8	135.3	130.1	138.6	135.6	121.0
70°	233.0	219.9	202.6	198.2	194.2	183.3	170.7	167.1	163.3	163.2	150.3
67.5°	259.3	247.6	232.5	238.7	238.2	228.2	208.9	210.7	209.3	192.5	180.4
65°	267.5	268.4	265.0	281.7	285.3	276.4	257.9	260.9	257.3	240.7	211.7
62.5°	275.9	283.5	296.6	327.2	336.5	329.5	312.9	323.6	310.5	290.5	255.0
60°	285.4	299.6	335.9	374.3	391.0	386.5	382.8	390.4	377.5	341.8	303.9
57.5°	316.7	323.0	387.7	432.0	450.8	448.6	461.3	468.5	447.7	406.6	354.6
55°	368.0	392.6	464.9	505.6	522.7	517.2	551.7	555.8	524.1	476.5	408.9
52.5°	468.9	525.2	587.5	609.5	612.2	613.3	660.3	649.6	614.8	548.8	477.2
50°	695.0	744.5	777.5	764.5	723.6	758.8	782.2	767.7	710.3	627.7	548.6
47.5°	1172.2	1151.8	1066.8	974.0	899.8	930.4	944.1	898.0	810.7	719.8	621.6
45°	1907.3	1737.4	1508.8	1310.1	1152.5	1169.9	1134.8	1038.8	940.3	819.4	696.0
42.5°	2706.6	2450.5	2159.4	1690.8	1541.9	1448.7	1346.5	1228.2	1077.7	922.3	780.1
40°	3645.0	3204.1	2867.3	2362.0	1956.9	1753.4	1618.9	1438.7	1221.6	1034.4	871.7
37.5°	4532.0	3992.2	3570.3	2995.3	2414.6	2139.0	1914.3	1664.1	1375.5	1159.5	964.5
35°	5351.8	4757.6	4170.0	3566.7	2960.0	2525.9	2226.5	1915.5	1554.9	1283.6	1058.3
32.5°	6153.8	5463.4	4780.7	4105.4	3461.2	2913.2	2566.4	2137.0	1726.9	1406.3	1152.7
30°	6978.5	6172.9	5388.7	4626.6	3927.9	3344.7	2873.0	2344.6	1891.3	1527.2	1249.3
27.5°	7806.4	6873.0	5998.5	5163.5	4391.3	3739.9	3107.2	2538.1	2047.9	1653.6	1350.0
25°	8655.1	7611.0	6627.8	5700.2	4835.6	4044.1	3331.9	2718.3	2207.7	1786.7	1448.1
22.5°	9517.9	8359.4	7240.3	6223.2	5204.5	4350.5	3567.4	2907.7	2361.9	1912.7	1543.1
20°	10329.9	9096.7	7813.5	6643.0	5568.8	4667.5	3817.9	3086.4	2504.0	2031.2	1634.8
17.5°	11112.8	9759.8	8322.6	7054.0	5921.7	4959.0	4062.0	3253.6	2634.1	2142.2	1722.8
15°	11923.2	10340.9	8815.2	7431.9	6243.7	5224.6	4297.3	3408.8	2752.3	2245.5	1796.7
12.5°	12648.6	10905.5	9275.1	7775.0	6534.0	5464.4	4520.9	3551.1	2858.7	2336.5	1854.3
10°	13294.2	11443.9	9696.9	8081.5	6791.9	5678.4	4730.0	3696.0	2983.7	2418.2	1907.9
7.5°	13859.2	11945.6	10075.0	8349.8	7019.3	5856.2	4888.5	3861.2	3107.6	2494.0	1956.8
5°	14324.0	12360.7	10438.2	8659.6	7229.6	6000.6	5009.9	4012.3	3224.3	2562.8	2000.2
2.5°	14627.1	12643.5	10763.5	8947.4	7409.8	6122.7	5102.1	4148.2	3331.8	2623.9	2037.5
0°	14850.9	12851.6	11027.5	9193.5	7556.3	6220.2	5169.4	4268.1	3427.9	2676.2	2068.1
-2.5°	15139.2	13055.4	11192.2	9388.5	7761.1	6393.2	5283.7	4343.9	3495.3	2741.5	2118.9
-5°	15337.9	13188.8	11299.5	9535.2	7926.7	6535.5	5375.2	4402.4	3549.2	2796.6	2161.9
-7.5°	15476.8	13296.6	11371.2	9632.6	8051.0	6643.1	5441.4	4443.3	3589.9	2841.1	2196.5
-10°	15530.1	13354.7	11409.8	9661.4	8090.2	6694.0	5480.6	4466.6	3617.5	2874.6	2222.4
-12.5°	15487.8	13327.0	11380.2	9637.9	8078.1	6692.9	5495.4	4484.8	3633.1	2896.6	2239.2
-15°	15349.2	13210.2	11280.0	9561.4	8021.9	6658.6	5485.6	4489.2	3639.5	2904.2	2246.6
-17.5°	15102.2	13001.8	11107.6	9431.5	7920.9	6591.0	5451.2	4472.6	3629.9	2895.8	2241.4
-20°	14753.2	12728.3	10872.4	9248.1	7774.8	6490.0	5392.3	4434.4	3604.0	2874.6	2224.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	14336.4	12417.4	10646.7	9041.5	7604.1	6355.9	5309.0	4374.3	3561.5	2840.3	2199.5
-25°	13848.5	12053.2	10361.4	8816.5	7425.4	6237.3	5213.1	4292.2	3502.0	2792.7	2165.2
-27.5°	13365.0	11648.5	10011.4	8546.7	7235.1	6093.3	5103.9	4211.5	3430.1	2731.7	2122.2
-30°	12858.4	11207.8	9656.7	8251.4	7007.2	5929.7	4968.8	4111.8	3350.7	2667.5	2070.3
-32.5°	12267.2	10697.9	9270.8	7964.7	6779.7	5732.0	4808.6	3992.1	3255.2	2598.9	2020.8
-35°	11618.0	10184.8	8847.4	7638.1	6526.3	5531.3	4637.2	3852.5	3143.5	2520.3	1967.2
-37.5°	10927.9	9638.9	8450.7	7292.3	6230.4	5301.8	4464.7	3707.7	3015.8	2431.7	1906.2
-40°	10285.2	9077.4	7974.9	6926.1	5935.9	5044.1	4270.7	3555.2	2896.2	2333.4	1838.0
-42.5°	9598.6	8514.8	7488.9	6507.4	5623.9	4806.3	4059.3	3388.2	2777.7	2240.1	1762.8
-45°	8940.8	7929.3	6980.6	6113.1	5291.9	4546.5	3858.6	3211.6	2644.9	2145.7	1685.9
-47.5°	8255.9	7346.4	6487.7	5690.6	4978.8	4276.7	3643.0	3045.2	2498.4	2043.4	1608.8
-50°	7593.6	6768.6	5998.0	5290.0	4628.4	4023.5	3418.4	2862.0	2366.9	1928.8	1524.2
-52.5°	6925.9	6207.0	5522.7	4882.3	4303.1	3755.2	3193.2	2666.6	2223.9	1813.0	1432.3
-55°	6275.1	5666.5	5053.4	4491.8	3968.7	3471.5	2950.1	2490.8	2070.0	1692.2	1335.3
-57.5°	5667.8	5127.4	4605.5	4102.9	3624.9	3164.7	2720.1	2302.6	1917.5	1563.3	1248.9
-60°	5068.5	4620.5	4158.2	3708.4	3271.5	2869.6	2493.4	2108.9	1759.1	1431.8	1154.4
-62.5°	4517.5	4113.2	3715.0	3305.6	2934.9	2591.3	2258.2	1917.4	1592.3	1312.5	1053.8
-65°	3980.5	3625.1	3265.3	2936.2	2614.9	2310.3	2026.2	1716.7	1440.3	1187.3	955.6
-67.5°	3456.2	3160.6	2866.9	2572.5	2304.8	2044.0	1783.8	1531.0	1287.7	1056.7	871.2
-70°	2981.5	2719.0	2478.0	2243.8	2007.6	1776.7	1567.2	1348.2	1129.2	952.0	783.6
-72.5°	2529.3	2324.2	2121.3	1917.7	1728.6	1539.8	1351.9	1168.1	1002.9	844.5	693.1
-75°	2104.6	1946.0	1790.9	1631.9	1465.0	1301.0	1160.1	1019.6	873.8	733.9	616.8
-77.5°	1735.3	1604.7	1474.7	1353.7	1227.1	1104.1	985.2	867.3	749.3	644.2	544.4
-80°	1391.3	1296.6	1201.9	1105.8	1003.2	904.2	820.7	736.7	643.7	554.8	470.1
-82.5°	1076.5	1011.9	949.6	885.7	816.2	747.4	679.4	611.5	536.1	463.6	407.9
-85°	846.3	796.7	746.4	695.4	642.0	589.1	550.2	510.6	463.8	417.4	371.4
-87.5°	685.6	653.7	621.6	589.2	555.5	521.7	487.6	453.4	413.5	373.8	334.3
-90°	12.3	12.8	13.3	13.8	13.8	13.8	13.8	13.8	14.3	14.8	15.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	263.7	218.4	173.2	127.9	82.6	48.2	13.8
87.5°	24.9	24.1	23.1	21.7	20.0	17.5	13.8
85°	34.1	32.6	30.4	27.6	24.3	20.2	13.8
82.5°	43.3	41.0	37.8	33.6	28.6	23.0	13.8
80°	53.6	49.5	45.1	39.6	32.9	25.7	13.8
77.5°	71.3	61.3	52.5	45.5	37.2	28.4	13.8
75°	89.4	79.4	61.6	51.4	41.6	31.1	13.8
72.5°	108.0	97.9	78.6	57.3	45.9	33.8	13.8
70°	128.5	116.5	95.8	64.8	50.3	36.5	13.8
67.5°	160.0	135.6	113.1	79.3	54.8	39.2	13.8
65°	192.2	160.5	130.5	93.8	59.2	41.8	13.8
62.5°	225.4	191.4	148.1	108.3	63.7	44.4	13.8
60°	259.6	222.7	165.7	122.7	68.3	47.0	13.8
57.5°	306.7	254.6	192.7	137.0	78.7	49.6	13.8
55°	356.1	286.9	220.2	151.3	89.1	52.1	13.8
52.5°	406.5	321.6	247.8	165.5	99.4	54.6	13.8
50°	457.8	365.8	275.4	179.6	109.4	57.0	13.8
47.5°	511.7	410.1	303.1	195.3	119.3	59.5	13.8
45°	576.1	454.7	330.7	216.2	128.9	61.8	13.8
42.5°	640.9	499.3	358.3	236.8	138.3	64.1	13.8
40°	706.1	543.9	389.6	257.1	147.5	66.4	13.8
37.5°	771.5	588.5	424.2	276.9	156.4	68.6	13.8
35°	836.9	638.2	458.3	296.0	165.0	70.7	13.8
32.5°	905.7	690.2	491.7	314.5	173.3	72.8	13.8
30°	982.3	741.2	524.4	332.2	181.3	74.7	13.8
27.5°	1058.0	791.2	554.1	349.1	188.9	76.6	13.8
25°	1132.4	839.9	582.2	365.2	196.2	78.4	13.8
22.5°	1205.2	884.9	608.8	380.4	203.1	80.2	13.8
20°	1276.1	922.3	633.9	394.7	209.6	81.8	13.8
17.5°	1331.7	956.9	657.2	408.0	215.6	83.3	13.8
15°	1374.9	988.6	678.9	420.3	221.2	84.7	13.8
12.5°	1413.1	1017.3	698.7	431.5	226.3	86.0	13.8
10°	1446.3	1043.0	716.6	441.6	230.9	87.1	13.8
7.5°	1474.4	1065.5	732.5	450.6	235.0	88.2	13.8
5°	1497.6	1084.9	746.3	458.4	238.5	89.1	13.8
2.5°	1515.8	1101.0	757.9	465.0	241.6	89.9	13.8
0°	1529.0	1113.8	767.4	470.3	244.0	90.5	13.8
-2.5°	1565.8	1134.6	779.9	477.4	247.8	92.3	13.8
-5°	1597.2	1151.8	790.1	483.2	250.9	93.9	13.8
-7.5°	1622.7	1165.3	797.8	487.6	253.5	95.4	13.8
-10°	1642.0	1174.8	802.9	490.6	255.4	96.7	13.8
-12.5°	1654.5	1180.4	805.4	492.1	256.7	97.8	13.8
-15°	1659.9	1181.6	805.1	492.1	257.4	98.8	13.8
-17.5°	1657.7	1178.6	802.0	490.6	257.4	99.6	13.8
-20°	1648.5	1171.1	796.1	487.6	256.8	100.2	13.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1634.0	1159.0	787.3	483.1	255.6	100.6	13.8
-25°	1613.1	1147.1	775.6	477.0	253.7	100.9	13.8
-27.5°	1585.8	1132.4	760.9	469.3	251.2	101.0	13.8
-30°	1552.1	1112.7	743.7	460.1	248.1	100.8	13.8
-32.5°	1512.2	1088.1	728.0	449.3	244.3	100.6	13.8
-35°	1474.8	1058.5	709.3	437.0	239.9	100.1	13.8
-37.5°	1434.9	1026.9	687.3	423.1	234.9	99.4	13.8
-40°	1388.5	996.3	662.3	407.7	229.2	98.6	13.8
-42.5°	1335.8	961.6	639.1	391.7	223.0	97.5	13.8
-45°	1276.7	922.7	618.1	376.0	216.2	96.3	13.8
-47.5°	1211.5	879.7	594.8	358.6	208.8	94.9	13.8
-50°	1152.2	832.8	569.0	346.3	200.8	93.3	13.8
-52.5°	1089.9	782.1	540.8	334.9	192.3	91.6	13.8
-55°	1022.8	740.3	510.4	322.2	183.2	89.7	13.8
-57.5°	951.0	697.9	477.8	308.3	173.7	87.6	13.8
-60°	877.1	652.6	443.7	293.3	163.7	85.4	13.8
-62.5°	816.7	604.5	420.1	277.1	158.6	83.0	13.8
-65°	753.0	553.9	394.9	259.9	153.0	80.4	13.8
-67.5°	686.0	509.0	368.1	241.7	147.2	77.7	13.8
-70°	616.1	470.3	339.8	222.5	141.0	74.9	13.8
-72.5°	560.5	429.7	310.3	210.6	134.6	71.9	13.8
-75°	505.1	387.3	279.5	200.1	127.8	68.8	13.8
-77.5°	447.7	343.5	260.8	189.0	120.8	65.7	13.8
-80°	388.5	313.4	244.3	177.5	113.6	62.3	13.8
-82.5°	355.7	290.6	227.2	165.7	106.1	58.9	13.8
-85°	325.7	267.1	209.6	153.4	98.4	55.4	13.8
-87.5°	295.0	243.0	191.6	140.8	90.6	51.9	13.8
-90°	15.7	15.7	15.7	15.7	15.7	14.8	13.8

(END OF REPORT)