

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: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-7F-CV2-A**

Issue Date: 2/3/2026

Test Information

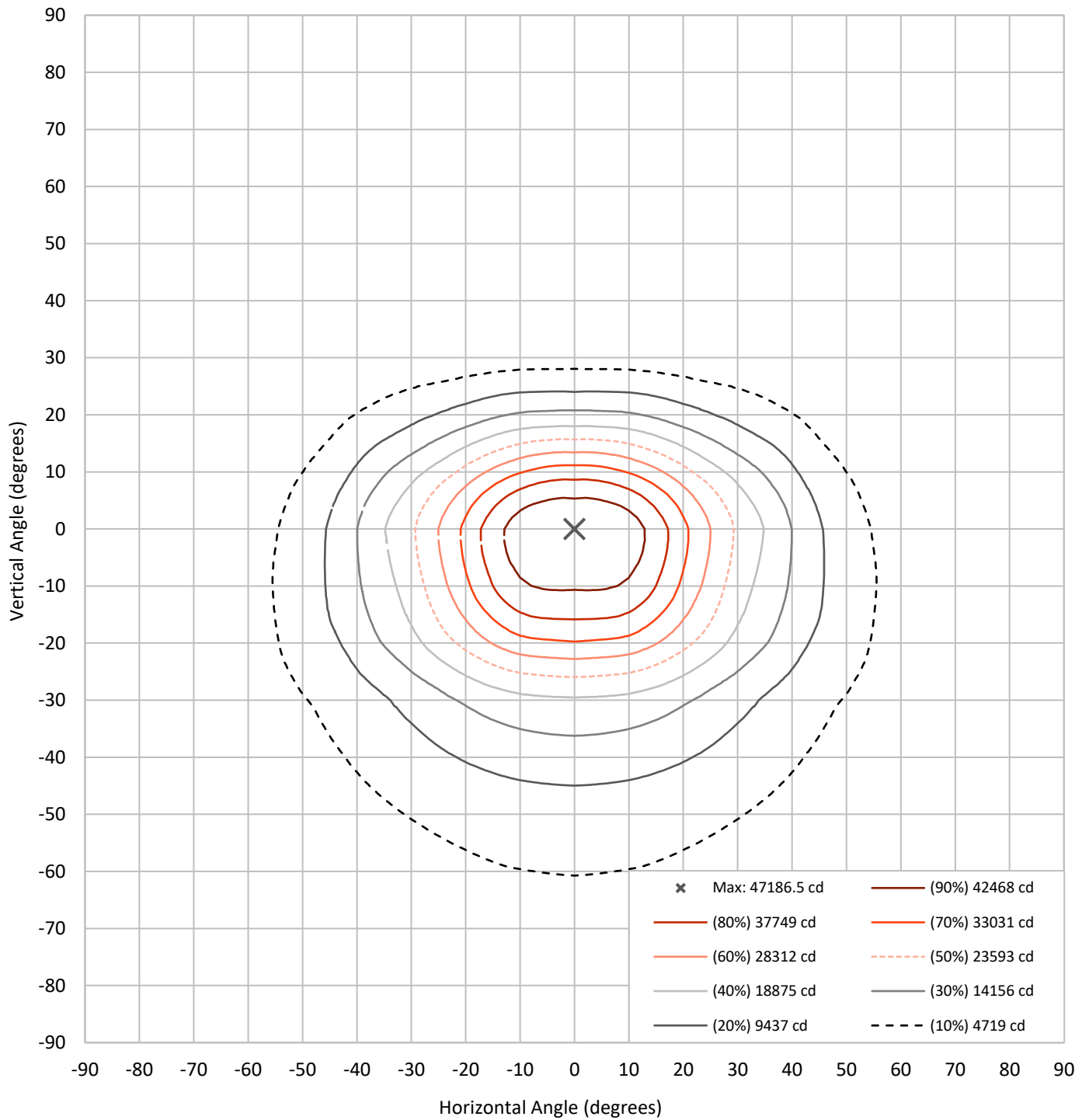
Test Method: LM-79-08
Report Number: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-7F-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	41282.6 lumens	Max Intensity:	47186.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	20013.4 lumens	Field Lumens:	37494.4 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
Input Watts (W):	554		
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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CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

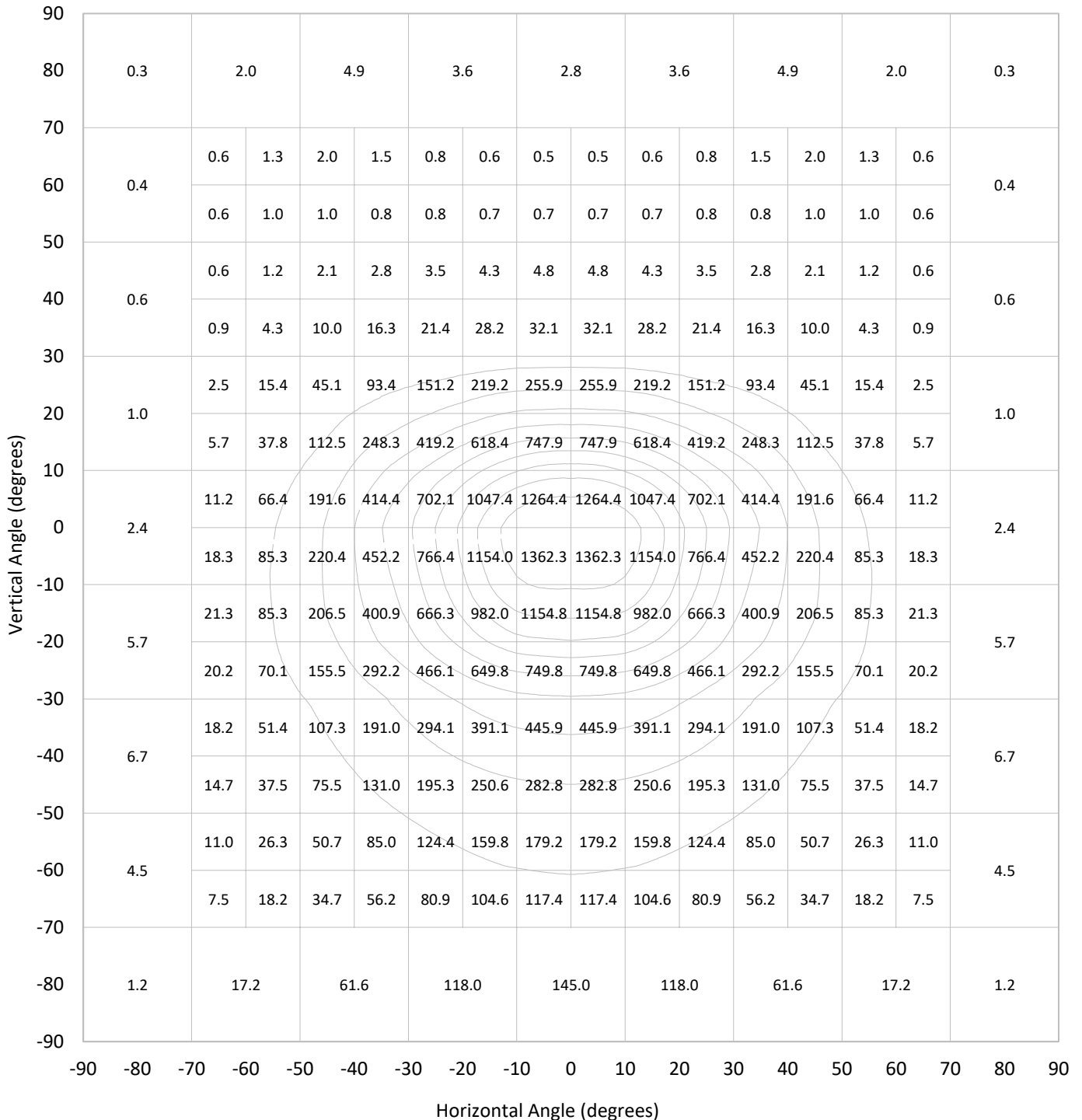
Iso-Candela Plot





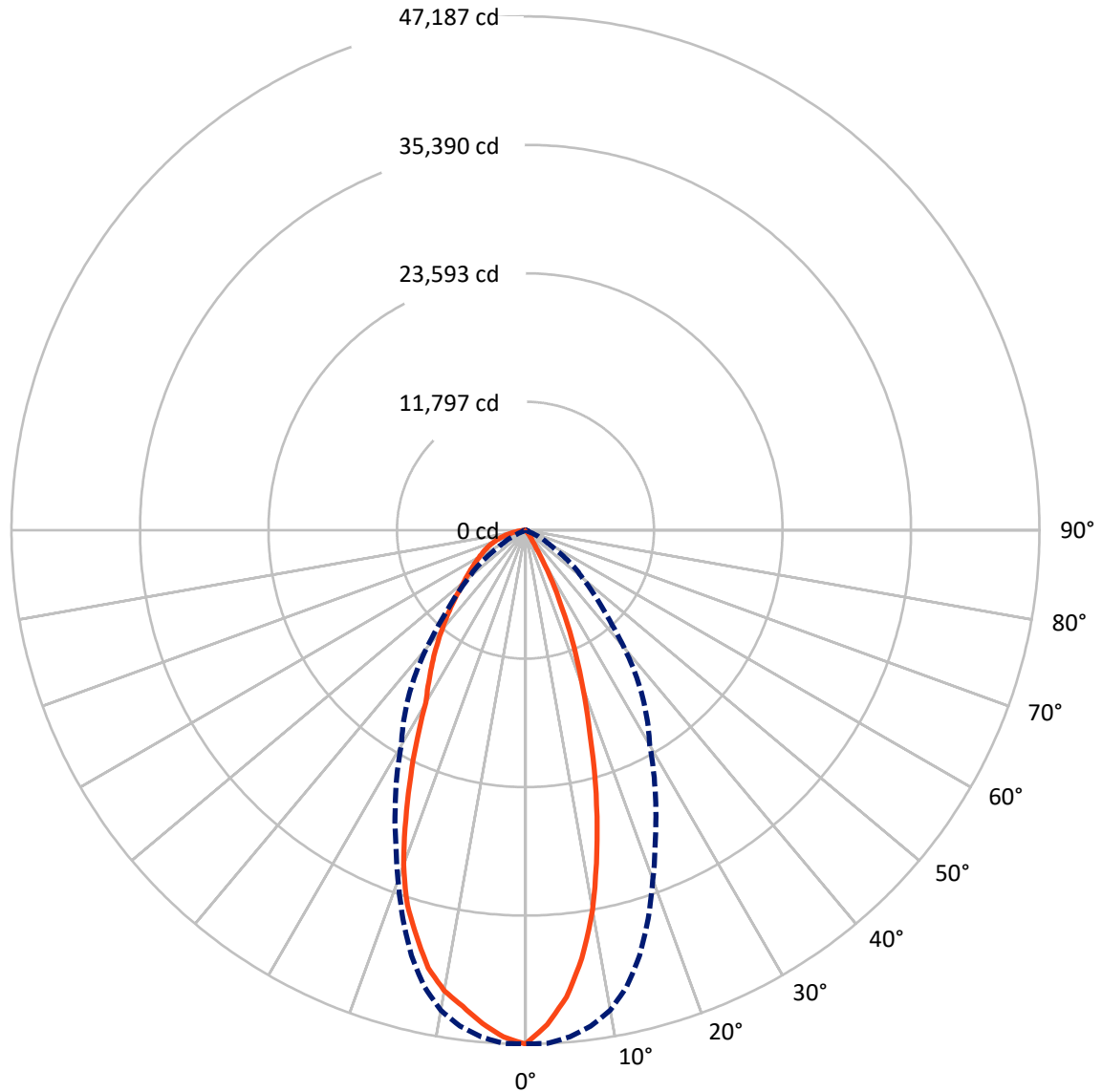
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Lumen Table



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
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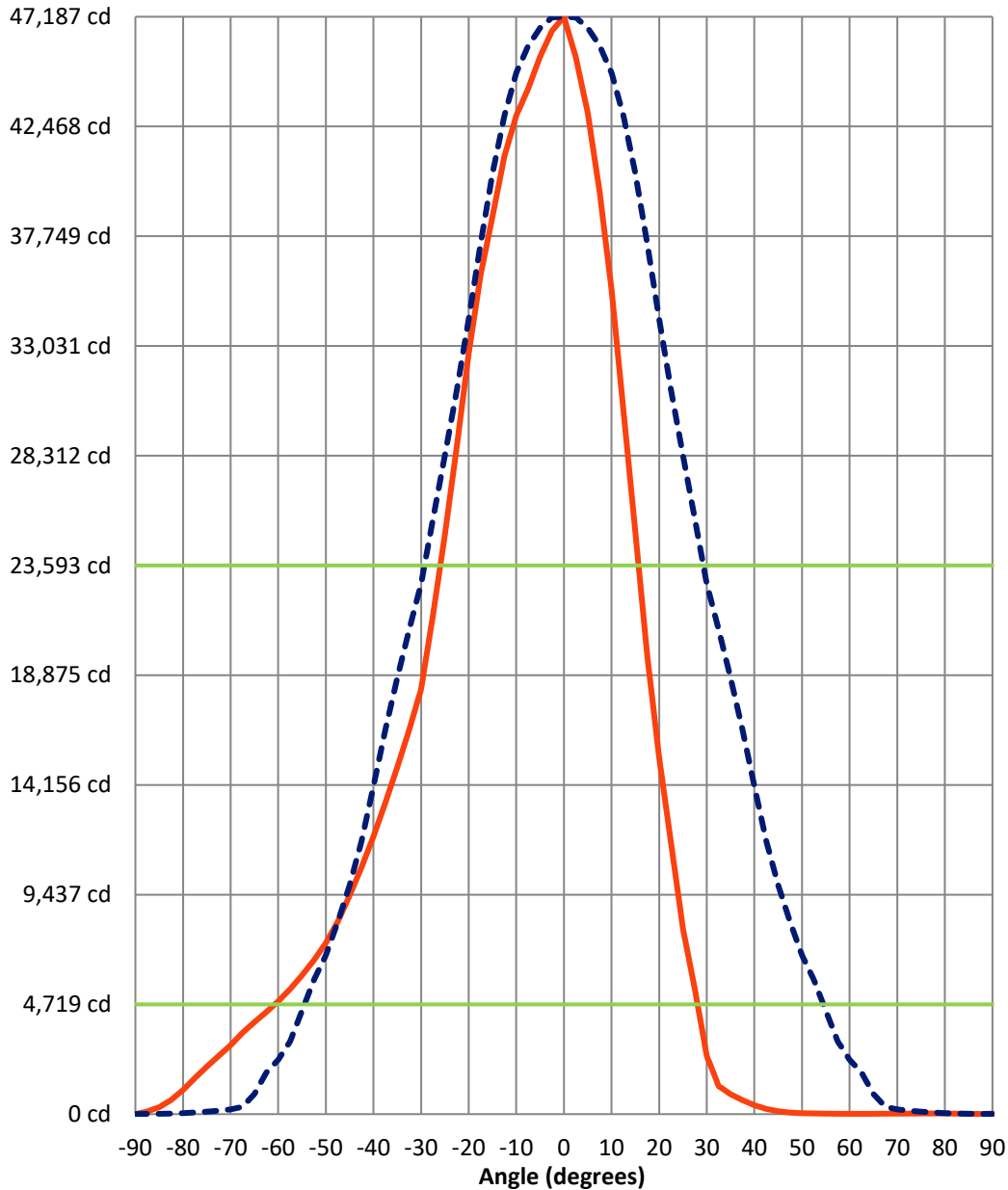
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 41.6°
 Lumens: 20013.4
 Efficiency: 48.5%

Field:
 H Angle: 109°
 V Angle: 88.8°
 Lumens: 37494.4
 Efficiency: 90.8%

Spill:
 Lumens: 3788.3
 Efficiency: 9.2%

— 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°	6.6	7.5	8.3	8.7	9.1	9.5	9.9	10.3	10.8	11.2	11.6
87.5°	6.6	6.9	7.2	7.6	8.2	8.8	9.6	9.8	10.0	10.1	10.1
85°	6.6	7.1	7.8	8.7	9.8	11.1	12.6	13.1	13.4	13.6	13.6
82.5°	6.6	7.4	8.3	9.7	11.3	13.3	15.5	16.3	16.8	18.0	20.1
80°	6.6	7.6	8.9	10.7	12.9	15.5	18.1	18.6	20.4	23.6	28.2
77.5°	6.6	7.9	9.5	11.7	14.4	16.9	18.5	20.2	23.7	28.9	34.3
75°	6.6	8.1	10.0	12.6	15.6	17.0	18.8	21.7	26.5	30.9	35.4
72.5°	6.6	8.3	10.6	13.6	15.5	17.0	19.0	22.7	27.3	31.8	36.3
70°	6.6	8.6	11.1	14.3	15.4	17.0	19.3	23.3	28.0	32.6	37.7
67.5°	6.6	8.8	11.6	14.1	15.3	17.0	19.9	23.9	28.6	33.9	39.2
65°	6.6	9.0	12.1	13.9	15.1	17.3	20.6	24.3	29.7	35.1	41.1
62.5°	6.6	9.3	12.6	13.7	14.9	17.8	21.2	25.1	30.7	36.6	44.1
60°	6.6	9.5	13.1	13.4	14.7	18.4	21.8	25.9	31.6	39.0	46.9
57.5°	6.6	9.7	13.0	13.2	15.1	19.0	22.8	26.8	33.3	41.2	48.3
55°	6.6	9.9	12.9	12.9	15.5	19.5	23.9	27.9	35.0	43.0	49.1
52.5°	6.6	10.1	12.8	12.6	16.0	20.1	25.0	29.8	36.6	43.9	49.9
50°	6.6	10.2	12.8	12.3	16.4	21.0	26.0	31.7	37.9	44.8	48.6
47.5°	6.6	10.4	12.7	12.2	16.8	21.9	27.2	33.6	38.7	45.7	47.1
45°	6.6	10.6	12.7	12.4	17.2	22.8	28.9	35.6	40.8	44.7	45.9
42.5°	6.6	10.7	12.7	12.7	17.5	23.7	30.5	37.7	43.2	43.8	44.5
40°	6.6	10.8	12.7	13.2	18.0	24.6	32.2	39.9	45.5	43.4	43.6
37.5°	6.6	11.0	12.8	13.9	18.7	25.5	33.8	42.4	47.5	45.9	43.1
35°	6.6	11.1	12.8	14.6	19.3	26.6	35.3	45.0	50.1	49.6	46.3
32.5°	6.6	11.2	12.9	15.4	19.9	27.8	37.0	47.7	53.2	54.3	59.5
30°	6.6	11.3	13.0	16.1	20.4	28.9	39.2	50.6	56.9	60.0	72.9
27.5°	6.6	11.4	13.1	16.9	22.1	30.0	41.3	53.4	61.2	66.6	86.7
25°	6.6	11.5	13.3	17.7	23.9	31.0	43.5	56.5	66.5	76.8	102.1
22.5°	6.6	11.5	13.4	18.5	25.8	32.8	45.6	59.8	72.3	88.5	151.4
20°	6.6	11.6	13.6	19.3	27.8	37.0	47.8	63.3	78.4	100.1	203.6
17.5°	6.6	11.6	13.7	20.1	29.8	41.3	53.3	66.9	84.9	111.5	257.7
15°	6.6	11.6	13.9	20.8	31.8	45.9	61.1	74.3	91.7	122.7	312.6
12.5°	6.6	11.7	14.1	21.6	33.8	50.5	69.0	86.4	105.6	133.6	367.3
10°	6.6	11.7	14.3	22.3	35.8	55.1	77.0	98.8	125.5	166.5	439.3
7.5°	6.6	11.7	14.4	23.0	37.8	59.8	85.0	111.3	145.8	203.6	551.3
5°	6.6	11.7	14.6	23.7	39.6	64.3	92.8	123.6	166.0	241.3	662.8
2.5°	6.6	11.6	14.7	24.3	41.4	68.7	100.4	135.8	186.0	278.6	770.1
0°	6.6	11.6	14.9	24.9	43.1	72.9	107.7	147.5	205.4	314.8	869.8
-2.5°	6.6	11.8	16.0	28.6	51.5	88.5	135.6	193.6	278.0	432.2	1023.7
-5°	6.6	12.0	17.0	32.1	59.6	103.7	162.8	238.5	348.6	545.3	1164.4
-7.5°	6.6	12.2	18.1	35.6	67.4	118.2	188.7	281.6	416.1	652.1	1289.7
-10°	6.6	12.4	19.1	38.8	74.8	131.9	213.2	322.2	479.4	750.5	1398.0
-12.5°	6.6	12.5	20.0	41.8	81.7	144.5	235.8	359.7	537.5	835.0	1439.0
-15°	6.6	12.7	20.9	44.6	88.0	156.1	256.1	393.5	588.5	886.6	1445.4
-17.5°	6.6	12.8	21.7	47.0	93.5	166.3	273.9	425.7	632.3	930.9	1443.0
-20°	6.6	12.9	22.4	49.2	98.3	175.0	291.4	455.8	670.3	967.2	1433.1



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 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.6	13.0	23.1	50.9	102.3	182.2	309.9	481.4	701.9	995.5	1416.4
-25°	6.6	13.1	23.6	52.3	105.3	191.6	325.3	502.4	726.8	1015.3	1393.9
-27.5°	6.6	13.1	24.1	53.2	107.4	200.6	337.2	518.4	744.5	1031.7	1408.1
-30°	6.6	13.1	24.5	53.7	108.8	207.3	345.7	529.2	759.4	1048.9	1413.7
-32.5°	6.6	13.1	24.7	53.7	112.1	211.7	350.5	537.6	769.8	1056.6	1408.8
-35°	6.6	13.1	24.9	53.3	114.1	213.7	354.2	541.6	772.9	1054.3	1393.1
-37.5°	6.6	13.1	24.9	52.4	114.8	214.2	355.6	540.4	768.7	1042.2	1325.1
-40°	6.6	13.0	24.9	50.9	114.0	214.3	353.3	533.8	756.9	1027.5	1257.0
-42.5°	6.6	12.9	24.7	49.5	113.0	212.1	347.3	521.8	741.9	978.0	1184.5
-45°	6.6	12.8	24.4	48.6	111.9	207.8	337.7	507.0	721.7	921.1	1109.7
-47.5°	6.6	12.6	23.9	47.1	109.7	201.2	324.3	490.6	694.0	861.5	1043.1
-50°	6.6	12.5	23.4	46.6	106.2	192.4	312.0	469.2	645.4	806.8	973.4
-52.5°	6.6	12.3	22.8	46.1	101.6	181.5	297.2	443.1	599.9	749.9	901.9
-55°	6.6	12.1	22.0	45.1	95.9	172.2	279.4	413.1	554.3	690.6	836.3
-57.5°	6.6	11.9	21.1	43.5	89.2	162.0	258.8	385.8	506.5	635.0	768.5
-60°	6.6	11.6	20.2	41.4	81.5	150.1	236.1	351.6	458.3	578.8	700.9
-62.5°	6.6	11.3	19.4	38.8	76.1	136.6	217.0	313.8	413.4	520.5	635.8
-65°	6.6	11.1	18.6	35.8	69.7	121.7	195.8	276.8	366.1	464.0	568.5
-67.5°	6.6	10.7	17.8	32.3	62.6	107.6	172.7	244.2	316.7	406.0	500.6
-70°	6.6	10.4	16.9	28.5	54.8	94.4	147.8	210.0	274.3	345.7	430.7
-72.5°	6.6	10.1	15.9	26.0	46.3	80.1	125.7	174.3	230.3	292.3	360.2
-75°	6.6	9.7	14.9	23.8	37.2	64.9	102.8	142.0	184.7	237.2	294.7
-77.5°	6.6	9.4	13.9	21.5	32.1	48.9	78.8	110.3	144.8	182.9	227.3
-80°	6.6	9.0	12.8	19.0	27.7	38.7	53.8	77.9	104.7	134.5	167.0
-82.5°	6.6	8.6	11.7	16.5	23.2	31.6	41.7	51.5	63.9	85.1	108.4
-85°	6.6	8.2	10.6	14.0	18.5	24.3	31.3	37.9	45.2	53.2	61.8
-87.5°	6.6	7.8	9.4	11.3	13.8	16.9	20.6	24.1	28.0	32.2	36.8
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6



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 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.0	12.5	12.9	13.3	13.7	14.1	14.5	14.9	15.7	16.6	17.4
87.5°	10.6	11.2	11.7	12.3	11.3	10.1	8.8	7.4	7.7	8.1	8.6
85°	14.6	15.7	17.2	18.3	17.5	16.8	16.2	15.9	16.7	17.5	18.0
82.5°	22.2	23.6	24.6	25.0	25.5	26.3	27.7	30.6	32.5	33.6	34.1
80°	30.5	31.6	32.6	34.9	38.8	43.5	48.8	54.7	56.4	56.0	55.0
77.5°	35.6	37.7	41.7	47.3	53.8	60.5	67.8	75.8	77.8	76.9	75.3
75°	38.7	43.3	49.8	57.8	66.3	75.2	84.7	93.4	95.5	92.7	89.3
72.5°	41.3	48.1	56.7	67.2	77.0	86.2	95.8	105.9	109.8	105.1	99.0
70°	43.7	52.3	62.7	74.0	85.2	95.0	104.4	115.3	122.3	113.5	100.0
67.5°	45.8	56.5	68.0	79.6	89.1	98.8	110.2	114.9	117.5	103.4	89.0
65°	48.9	60.3	70.6	80.3	90.3	95.1	98.9	102.4	100.9	85.1	69.7
62.5°	51.9	61.3	70.8	78.6	81.8	84.7	84.2	80.8	75.6	65.8	53.8
60°	53.0	61.0	67.9	71.3	72.4	69.8	65.8	62.8	58.4	49.9	42.0
57.5°	53.6	58.3	62.2	63.2	60.1	56.0	54.5	50.2	46.9	41.6	34.4
55°	53.2	53.9	55.8	53.6	51.1	49.6	47.2	45.8	41.3	36.3	31.0
52.5°	51.0	50.2	48.5	47.4	48.1	47.8	47.0	44.6	40.5	35.5	32.5
50°	49.0	46.0	43.3	47.0	50.4	53.1	48.9	46.3	46.2	43.8	39.0
47.5°	46.5	42.6	44.9	50.6	60.2	63.7	57.8	57.6	59.6	64.2	58.5
45°	44.2	45.6	49.3	63.5	75.2	80.6	81.5	75.1	91.0	96.3	94.7
42.5°	42.5	51.9	68.9	78.8	97.7	109.3	113.9	123.4	132.8	144.4	147.3
40°	48.7	60.2	98.4	115.3	127.0	146.9	170.9	186.5	189.5	207.0	214.8
37.5°	56.8	93.8	138.8	167.9	167.2	201.7	237.7	275.4	296.6	279.9	318.4
35°	66.0	133.3	197.0	239.5	250.3	271.6	335.1	407.2	476.9	436.1	456.0
32.5°	93.3	178.5	265.0	330.1	393.3	407.7	447.0	642.6	769.2	771.3	669.4
30°	137.9	242.1	346.1	435.0	581.3	648.4	711.1	954.0	1166.9	1303.9	1333.0
27.5°	193.9	314.8	445.4	605.3	812.6	933.7	1136.9	1397.8	1732.7	1983.4	2156.8
25°	256.8	427.2	553.8	820.6	1088.7	1311.1	1596.4	1955.5	2425.1	2827.1	3202.3
22.5°	337.7	557.8	725.9	1061.9	1394.7	1719.2	2115.3	2631.6	3229.2	3751.9	4283.7
20°	439.5	706.0	950.3	1359.5	1742.6	2133.2	2641.5	3359.3	4115.9	4854.8	5544.8
17.5°	549.6	862.3	1201.5	1699.6	2217.9	2659.5	3191.8	4115.0	5049.6	6064.4	7069.3
15°	665.6	1024.2	1450.6	2070.6	2728.1	3329.4	4033.4	4974.0	6085.3	7386.9	8683.4
12.5°	784.8	1189.0	1695.0	2463.2	3260.3	4011.7	4907.9	5981.2	7257.1	8800.7	10372.7
10°	904.1	1353.9	1932.1	2867.2	3804.2	4697.1	5760.4	6953.5	8412.4	10146.9	11925.2
7.5°	1120.2	1570.7	2178.0	3271.3	4348.3	5375.8	6583.3	7884.5	9506.5	11434.8	13379.8
5°	1351.1	1837.7	2513.3	3695.3	4862.2	5971.3	7323.3	8765.2	10531.0	12647.6	14756.8
2.5°	1575.4	2094.6	2833.3	4091.2	5334.6	6425.5	7820.9	9337.2	11207.2	13494.5	15802.7
0°	1786.0	2339.4	3134.6	4450.1	5768.9	6835.8	8262.3	9846.2	11741.5	14100.8	16529.6
-2.5°	1976.2	2563.2	3388.2	4669.6	5903.0	6937.4	8373.9	9962.3	11837.0	14103.0	16348.3
-5°	2143.5	2771.8	3618.0	4853.0	6003.1	7004.8	8426.9	10009.1	11847.6	14001.6	16098.0
-7.5°	2286.0	2963.8	3822.4	4984.8	6056.5	7058.7	8438.2	9992.5	11785.1	13817.2	15802.4
-10°	2381.1	3043.0	3835.2	4950.6	6041.9	7080.4	8399.6	9912.5	11638.4	13555.6	15436.0
-12.5°	2319.7	3013.7	3789.6	4874.3	5991.5	7052.3	8309.8	9772.1	11410.6	13231.6	15003.2
-15°	2250.0	2965.1	3715.3	4754.7	5905.4	6971.1	8171.2	9574.7	11019.6	12701.0	14449.0
-17.5°	2175.8	2896.4	3611.4	4590.6	5784.1	6834.1	7914.7	9054.1	10379.8	12028.8	13755.6
-20°	2100.3	2806.9	3477.0	4381.4	5617.5	6485.7	7370.1	8429.5	9686.4	11221.6	12950.2



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2026.6	2696.0	3335.3	4197.5	5173.7	5992.9	6792.1	7745.3	8886.9	10276.1	11790.9
-25°	1971.1	2581.3	3198.1	3896.9	4707.2	5492.4	6171.9	7016.9	8055.3	9243.6	10442.1
-27.5°	1928.1	2479.4	3003.8	3600.3	4268.7	4987.6	5591.1	6316.7	7294.5	8246.2	9171.2
-30°	1882.2	2344.7	2807.2	3326.7	3917.6	4513.7	5037.4	5745.4	6615.5	7436.7	8172.9
-32.5°	1793.8	2202.2	2634.9	3103.2	3598.7	4089.8	4637.7	5308.6	6035.7	6741.9	7332.5
-35°	1688.9	2068.6	2468.9	2882.2	3300.9	3775.7	4321.4	4896.8	5512.2	6150.6	6823.7
-37.5°	1601.0	1929.5	2298.2	2677.6	3064.1	3506.4	3994.6	4523.0	5068.5	5639.4	6298.4
-40°	1506.4	1785.2	2136.0	2487.4	2843.2	3241.1	3689.9	4158.5	4647.4	5188.1	5758.4
-42.5°	1408.0	1673.5	1973.9	2293.4	2627.2	2983.7	3374.1	3809.8	4259.1	4734.1	5243.5
-45°	1323.2	1556.0	1813.9	2111.7	2408.5	2723.8	3076.6	3456.2	3877.9	4300.7	4744.1
-47.5°	1234.1	1439.2	1678.6	1927.0	2199.7	2479.1	2774.4	3132.0	3496.3	3883.9	4268.1
-50°	1145.1	1337.1	1538.1	1767.0	2000.8	2245.8	2504.8	2824.4	3158.7	3484.6	3821.4
-52.5°	1065.4	1230.9	1419.6	1613.9	1822.3	2034.8	2274.9	2553.1	2847.5	3137.7	3437.6
-55°	982.8	1137.9	1303.9	1479.0	1657.9	1846.8	2067.9	2315.7	2557.8	2827.9	3096.3
-57.5°	904.7	1047.7	1198.7	1353.2	1513.9	1677.2	1890.0	2096.0	2320.9	2545.0	2777.8
-60°	828.3	960.7	1099.3	1239.3	1378.6	1542.3	1723.0	1914.7	2106.2	2296.8	2514.5
-62.5°	751.0	877.6	1003.8	1130.9	1260.2	1412.1	1584.2	1753.2	1916.4	2097.9	2282.6
-65°	677.2	792.6	911.8	1029.2	1144.1	1291.3	1446.4	1606.3	1764.9	1917.3	2074.2
-67.5°	600.5	705.8	815.7	928.6	1039.1	1166.7	1305.4	1450.9	1598.9	1739.1	1882.9
-70°	520.1	615.0	714.0	816.5	923.6	1037.4	1155.9	1283.4	1414.4	1538.3	1663.5
-72.5°	436.3	518.5	606.2	698.9	792.0	889.6	993.4	1102.9	1210.2	1314.0	1422.2
-75°	354.7	419.2	492.5	570.6	650.0	732.4	819.1	908.4	994.5	1078.9	1165.8
-77.5°	274.6	325.7	381.3	441.1	500.6	564.5	632.4	703.6	770.6	836.3	902.9
-80°	198.0	230.1	270.7	315.1	359.8	405.5	452.3	500.1	542.9	588.0	636.4
-82.5°	130.4	153.5	177.7	202.9	228.3	254.5	283.0	316.8	345.1	373.0	401.2
-85°	68.8	76.0	90.6	106.0	120.9	136.4	152.4	168.8	183.5	197.5	210.7
-87.5°	40.5	44.3	48.2	52.2	55.5	58.8	62.1	65.3	69.8	74.3	78.8
-90°	6.6	6.6	6.6	6.6	6.2	5.8	5.4	5.0	5.0	5.0	5.0



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	18.2	19.0	19.9	20.7	21.5	21.9	22.4	22.8	23.2	23.6	24.1
87.5°	9.0	8.8	8.6	8.3	8.0	9.9	11.9	14.0	16.1	14.7	13.1
85°	18.4	18.4	18.2	18.0	17.7	20.5	23.3	26.1	28.8	26.4	23.7
82.5°	34.0	33.3	32.1	30.5	28.4	28.2	27.6	26.7	25.5	24.3	23.3
80°	53.4	50.9	47.7	43.9	39.5	37.1	34.8	32.2	29.4	28.6	27.9
77.5°	72.3	67.5	61.8	55.6	49.0	44.9	41.2	37.3	33.1	32.0	31.3
75°	85.4	79.3	70.9	62.0	52.7	46.5	41.8	37.2	32.7	31.0	30.1
72.5°	91.4	82.5	72.1	60.2	48.8	41.3	36.8	32.5	28.6	27.0	26.2
70°	86.8	74.1	62.4	51.1	40.4	33.3	30.0	27.1	24.8	23.6	22.9
67.5°	74.0	61.1	49.9	40.0	31.8	26.4	24.6	22.9	21.4	20.6	20.3
65°	57.3	47.4	38.7	31.7	26.1	22.4	21.0	19.6	18.3	17.4	17.1
62.5°	43.5	35.7	30.1	25.7	22.2	19.7	18.7	17.8	17.0	16.5	16.1
60°	34.8	28.3	24.8	22.5	20.3	18.5	18.2	18.0	17.8	17.5	16.8
57.5°	29.8	25.8	23.2	22.6	21.7	20.5	20.2	20.0	19.3	18.1	17.6
55°	28.5	27.5	26.4	26.8	26.8	25.8	24.4	23.3	22.3	21.4	21.5
52.5°	31.7	33.8	34.9	34.9	33.2	30.7	27.9	28.3	28.8	29.2	29.8
50°	42.3	44.9	44.9	41.3	41.0	39.6	36.2	37.7	39.9	40.4	40.7
47.5°	58.8	61.4	63.0	56.5	57.6	61.1	57.4	56.4	63.4	66.5	68.1
45°	85.7	96.1	99.1	101.1	98.2	107.4	107.5	103.3	116.9	124.3	126.8
42.5°	142.7	160.4	174.4	178.5	175.2	186.5	195.3	194.6	211.7	223.9	227.1
40°	238.8	255.5	275.5	283.0	286.3	296.7	318.7	332.8	350.0	369.1	378.7
37.5°	362.1	388.3	392.4	407.7	427.0	436.7	470.2	498.7	522.1	557.7	580.5
35°	542.8	611.8	537.4	572.7	621.6	627.2	657.6	723.5	740.0	802.3	836.8
32.5°	876.0	1004.6	987.7	868.2	973.3	1092.5	959.6	1196.0	1174.9	1241.4	1326.0
30°	1382.6	1756.4	1797.9	1623.1	1914.9	2073.2	2047.8	2283.3	2434.2	2415.5	2708.4
27.5°	2466.5	2766.3	2902.5	3153.6	3311.3	3544.7	3955.9	4195.4	4626.2	4852.2	5123.4
25°	3639.6	3994.2	4431.7	4863.5	5191.5	5709.1	6286.1	6739.7	7349.4	7731.9	8010.7
22.5°	4907.8	5534.0	6143.1	6744.6	7406.8	8119.6	8800.3	9586.4	10328.4	10876.3	11290.6
20°	6298.0	7164.6	8026.2	8852.0	9678.1	10631.2	11474.1	12418.7	13330.3	14122.8	14668.5
17.5°	8016.7	8922.8	10023.0	11128.0	12198.3	13378.6	14623.4	15682.7	16961.0	18016.7	18810.8
15°	9888.5	11023.2	12224.1	13606.1	15051.5	16511.9	18021.8	19579.1	21034.3	22384.1	23395.1
12.5°	11821.4	13233.7	14696.9	16227.3	17903.2	19720.7	21618.1	23471.7	25270.9	26754.5	28141.6
10°	13678.1	15443.2	17141.0	18934.2	20864.2	22897.4	25119.4	27327.2	29418.4	31246.0	32738.6
7.5°	15305.0	17221.3	19180.0	21378.8	23669.7	25948.1	28355.5	30832.0	33212.2	35318.7	37063.8
5°	16834.3	18833.5	20817.8	23183.4	25711.1	28325.6	31051.2	33833.3	36402.9	38784.5	40717.2
2.5°	18026.6	20129.5	22169.9	24763.7	27430.9	30093.6	32872.8	35914.7	38781.0	41369.9	43266.2
0°	18754.7	20830.6	22802.1	25585.5	28329.1	31124.1	34189.1	37426.5	40445.1	42925.2	44772.6
-2.5°	18502.9	20528.3	22667.1	25401.3	28301.7	31097.1	34197.8	37464.8	40463.9	42984.2	44788.1
-5°	18157.1	20142.8	22307.5	25043.2	27874.0	30666.2	33723.1	36936.0	39881.4	42360.8	44069.3
-7.5°	17732.1	19648.6	21759.5	24412.7	27227.6	30023.2	32998.9	36038.8	38855.8	41320.3	42928.0
-10°	17229.6	19046.5	21134.7	23686.6	26480.1	29174.9	32002.4	35013.2	37840.2	40081.5	41807.0
-12.5°	16708.2	18478.3	20417.6	22832.0	25506.3	28011.7	30711.3	33610.6	36101.2	38393.3	39909.6
-15°	16111.2	17808.8	19627.2	21852.6	24276.4	26621.4	28966.4	31523.2	33795.9	35834.0	37445.1
-17.5°	15420.3	17028.7	18624.6	20625.6	22946.2	25040.8	27093.9	29320.3	31340.7	33211.9	34606.8
-20°	14465.9	15789.4	17322.9	19237.2	21247.5	23014.2	24887.5	26757.8	28556.4	30140.4	31321.7



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13098.9	14386.7	15807.3	17373.0	19055.0	20677.8	22281.3	23811.5	25274.9	26593.0	27543.8
-25°	11643.7	12820.1	14102.4	15403.9	16746.9	18200.6	19607.1	20870.2	22073.5	23091.9	23875.1
-27.5°	10198.0	11310.4	12431.6	13481.9	14556.1	15770.4	17001.3	18058.9	19078.1	19875.9	20486.4
-30°	8906.7	10095.8	11083.0	11797.7	12838.7	13904.0	14702.0	15664.2	16467.2	16976.3	17632.4
-32.5°	8195.0	9092.0	9987.0	10721.8	11549.0	12483.6	13239.4	14025.4	14703.1	15250.3	15662.8
-35°	7545.9	8334.0	9090.3	9846.2	10584.8	11335.6	12032.2	12695.7	13296.8	13780.6	14162.9
-37.5°	6962.8	7644.9	8329.6	8981.6	9645.1	10272.6	10870.6	11442.9	11948.3	12384.4	12744.7
-40°	6374.0	6983.4	7585.5	8175.1	8755.3	9267.6	9781.7	10254.6	10681.1	11067.0	11382.0
-42.5°	5782.8	6326.6	6853.9	7388.8	7903.7	8348.3	8772.8	9163.7	9529.4	9858.3	10130.1
-45°	5201.6	5681.8	6146.5	6621.4	7055.5	7460.7	7830.8	8159.9	8474.1	8751.4	8979.8
-47.5°	4677.7	5068.8	5483.4	5888.9	6265.7	6630.6	6954.3	7244.0	7519.7	7754.4	7940.9
-50°	4190.8	4547.9	4897.5	5225.9	5578.0	5898.0	6171.9	6438.9	6689.5	6899.0	7056.3
-52.5°	3733.1	4062.6	4376.9	4683.3	4988.8	5273.6	5536.3	5780.4	5999.4	6191.3	6327.6
-55°	3370.7	3640.0	3894.6	4189.4	4469.8	4722.9	4958.2	5195.2	5406.3	5592.8	5706.6
-57.5°	3027.6	3270.6	3513.0	3767.9	4014.5	4252.3	4475.7	4683.3	4877.8	5052.3	5150.4
-60°	2721.4	2917.5	3148.1	3383.2	3606.8	3819.0	4028.7	4223.6	4404.3	4556.2	4642.8
-62.5°	2465.0	2651.2	2846.3	3042.7	3236.2	3433.7	3624.0	3805.0	3976.6	4114.9	4199.1
-65°	2238.8	2407.5	2578.0	2751.9	2928.3	3102.1	3264.2	3423.1	3578.2	3696.8	3772.7
-67.5°	2026.0	2171.1	2314.4	2462.4	2614.3	2764.3	2907.2	3048.1	3186.1	3281.8	3341.2
-70°	1792.6	1920.8	2044.2	2168.8	2292.8	2414.7	2532.9	2650.7	2767.1	2843.9	2894.7
-72.5°	1534.0	1641.1	1741.2	1840.8	1942.2	2042.4	2139.5	2234.0	2325.1	2384.6	2428.5
-75°	1254.8	1336.4	1414.2	1492.7	1571.3	1652.8	1733.0	1809.9	1883.1	1927.7	1961.8
-77.5°	970.5	1028.3	1083.1	1138.4	1193.6	1256.6	1320.5	1382.5	1442.2	1473.7	1497.2
-80°	685.4	725.9	763.3	799.1	833.2	873.4	913.9	953.1	990.7	1008.8	1022.0
-82.5°	429.4	453.1	475.4	496.5	516.4	537.9	558.3	577.4	594.9	603.6	610.1
-85°	223.3	233.7	243.2	252.1	260.2	270.1	279.5	288.2	296.3	298.9	300.6
-87.5°	83.3	86.4	89.4	92.3	95.1	98.8	102.5	106.1	109.6	110.6	111.4
-90°	5.0	5.0	5.0	5.0	5.0	4.6	4.2	3.7	3.3	3.3	3.3



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	24.5	24.9	24.9	24.9	24.9	24.9	24.5	24.1	23.6	23.2	22.8
87.5°	11.5	9.9	9.1	8.3	9.1	9.9	11.5	13.1	14.7	16.1	14.0
85°	21.0	18.2	17.4	16.6	17.4	18.2	21.0	23.7	26.4	28.8	26.1
82.5°	22.3	21.5	21.5	21.5	21.5	21.5	22.3	23.3	24.3	25.5	26.7
80°	27.2	26.4	26.5	26.5	26.5	26.4	27.2	27.9	28.6	29.4	32.2
77.5°	30.5	29.8	29.8	29.8	29.8	29.8	30.5	31.3	32.0	33.1	37.3
75°	29.2	28.3	28.2	28.2	28.2	28.3	29.2	30.1	31.0	32.7	37.2
72.5°	25.6	25.0	24.9	24.9	24.9	25.0	25.6	26.2	27.0	28.6	32.5
70°	22.2	21.7	21.5	21.5	21.5	21.7	22.2	22.9	23.6	24.8	27.1
67.5°	20.1	20.0	19.9	19.9	19.9	20.0	20.1	20.3	20.6	21.4	22.9
65°	16.9	16.7	16.6	16.6	16.6	16.7	16.9	17.1	17.4	18.3	19.6
62.5°	15.6	15.1	14.2	13.3	14.2	15.1	15.6	16.1	16.5	17.0	17.8
60°	16.0	15.1	14.9	14.9	14.9	15.1	16.0	16.8	17.5	17.8	18.0
57.5°	17.1	16.7	16.6	16.6	16.6	16.7	17.1	17.6	18.1	19.3	20.0
55°	21.5	21.4	21.4	21.5	21.4	21.4	21.5	21.5	21.4	22.3	23.3
52.5°	29.9	29.7	29.7	29.8	29.7	29.7	29.9	29.8	29.2	28.8	28.3
50°	41.1	41.1	40.6	39.8	40.6	41.1	41.1	40.7	40.4	39.9	37.7
47.5°	69.1	68.0	66.9	66.3	66.9	68.0	69.1	68.1	66.5	63.4	56.4
45°	129.8	128.8	126.9	125.9	126.9	128.8	129.8	126.8	124.3	116.9	103.3
42.5°	232.4	230.5	226.2	223.7	226.2	230.5	232.4	227.1	223.9	211.7	194.6
40°	389.5	391.6	388.2	386.0	388.2	391.6	389.5	378.7	369.1	350.0	332.8
37.5°	598.7	607.5	606.4	603.1	606.4	607.5	598.7	580.5	557.7	522.1	498.7
35°	852.6	862.3	857.4	856.6	857.4	862.3	852.6	836.8	802.3	740.0	723.5
32.5°	1262.4	1248.2	1194.7	1209.4	1194.7	1248.2	1262.4	1326.0	1241.4	1174.9	1196.0
30°	2728.2	2780.6	2631.1	2511.7	2631.1	2780.6	2728.2	2708.4	2415.5	2434.2	2283.3
27.5°	5150.1	5263.3	5242.1	5364.6	5242.1	5263.3	5150.1	5123.4	4852.2	4626.2	4195.4
25°	8120.1	8195.1	8199.9	7979.0	8199.9	8195.1	8120.1	8010.7	7731.9	7349.4	6739.7
22.5°	11444.0	11516.4	11648.5	11648.8	11648.5	11516.4	11444.0	11290.6	10876.3	10328.4	9586.4
20°	15048.0	15061.2	15313.4	15331.8	15313.4	15061.2	15048.0	14668.5	14122.8	13330.3	12418.7
17.5°	19369.8	19579.9	19921.0	19722.2	19921.0	19579.9	19369.8	18810.8	18016.7	16961.0	15682.7
15°	24351.9	24821.4	25186.1	25022.2	25186.1	24821.4	24351.9	23395.1	22384.1	21034.3	19579.1
12.5°	29244.6	29984.7	30337.2	30251.0	30337.2	29984.7	29244.6	28141.6	26754.5	25270.9	23471.7
10°	33901.7	34943.6	35317.9	35449.9	35317.9	34943.6	33901.7	32738.6	31246.0	29418.4	27327.2
7.5°	38366.5	39321.1	39888.6	39651.5	39888.6	39321.1	38366.5	37063.8	35318.7	33212.2	30832.0
5°	41949.7	42756.1	43214.4	43051.2	43214.4	42756.1	41949.7	40717.2	38784.5	36402.9	33833.3
2.5°	44487.5	45240.4	45637.7	45437.8	45637.7	45240.4	44487.5	43266.2	41369.9	38781.0	35914.7
0°	45937.3	46704.4	47154.2	47186.5	47154.2	46704.4	45937.3	44772.6	42925.2	40445.1	37426.5
-2.5°	45880.6	46422.5	46738.7	46577.7	46738.7	46422.5	45880.6	44788.1	42984.2	40463.9	37464.8
-5°	44920.2	45377.8	45541.9	45471.7	45541.9	45377.8	44920.2	44069.3	42360.8	39881.4	36936.0
-7.5°	43735.2	44072.6	44185.5	44101.6	44185.5	44072.6	43735.2	42928.0	41320.3	38855.8	36038.8
-10°	42588.8	42926.0	42983.1	42935.2	42983.1	42926.0	42588.8	41807.0	40081.5	37840.2	35013.2
-12.5°	40919.6	41285.1	41297.0	41185.7	41297.0	41285.1	40919.6	39909.6	38393.3	36101.2	33610.6
-15°	38316.4	38615.3	38663.5	38601.1	38663.5	38615.3	38316.4	37445.1	35834.0	33795.9	31523.2
-17.5°	35422.8	35620.7	35835.1	36074.5	35835.1	35620.7	35422.8	34606.8	33211.9	31340.7	29320.3
-20°	31948.7	32185.4	32438.4	32706.3	32438.4	32185.4	31948.7	31321.7	30140.4	28556.4	26757.8



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28044.2	28310.2	28569.7	28705.2	28569.7	28310.2	28044.2	27543.8	26593.0	25274.9	23811.5
-25°	24267.3	24591.2	24796.1	24919.5	24796.1	24591.2	24267.3	23875.1	23091.9	22073.5	20870.2
-27.5°	20804.8	21188.8	21377.9	21458.5	21377.9	21188.8	20804.8	20486.4	19875.9	19078.1	18058.9
-30°	17888.6	18124.4	18157.0	18279.2	18157.0	18124.4	17888.6	17632.4	16976.3	16467.2	15664.2
-32.5°	15966.0	16227.9	16387.1	16521.3	16387.1	16227.9	15966.0	15662.8	15250.3	14703.1	14025.4
-35°	14459.7	14697.0	14853.1	14917.6	14853.1	14697.0	14459.7	14162.9	13780.6	13296.8	12695.7
-37.5°	13016.0	13195.3	13304.4	13391.7	13304.4	13195.3	13016.0	12744.7	12384.4	11948.3	11442.9
-40°	11623.9	11801.7	11909.8	11938.7	11909.8	11801.7	11623.9	11382.0	11067.0	10681.1	10254.6
-42.5°	10324.7	10461.7	10555.6	10619.9	10555.6	10461.7	10324.7	10130.1	9858.3	9529.4	9163.7
-45°	9148.2	9268.9	9352.5	9403.8	9352.5	9268.9	9148.2	8979.8	8751.4	8474.1	8159.9
-47.5°	8078.1	8175.2	8241.8	8280.5	8241.8	8175.2	8078.1	7940.9	7754.4	7519.7	7244.0
-50°	7173.6	7260.4	7321.9	7359.4	7321.9	7260.4	7173.6	7056.3	6899.0	6689.5	6438.9
-52.5°	6434.1	6518.5	6580.4	6620.5	6580.4	6518.5	6434.1	6327.6	6191.3	5999.4	5780.4
-55°	5801.2	5878.6	5934.8	5971.0	5934.8	5878.6	5801.2	5706.6	5592.8	5406.3	5195.2
-57.5°	5233.6	5302.1	5349.6	5379.5	5349.6	5302.1	5233.6	5150.4	5052.3	4877.8	4683.3
-60°	4716.8	4778.4	4822.2	4852.7	4822.2	4778.4	4716.8	4642.8	4556.2	4404.3	4223.6
-62.5°	4273.6	4338.4	4373.1	4392.1	4373.1	4338.4	4273.6	4199.1	4114.9	3976.6	3805.0
-65°	3842.4	3904.9	3938.6	3958.0	3938.6	3904.9	3842.4	3772.7	3696.8	3578.2	3423.1
-67.5°	3393.7	3438.7	3473.1	3499.1	3473.1	3438.7	3393.7	3341.2	3281.8	3186.1	3048.1
-70°	2938.4	2974.8	2976.0	2965.6	2976.0	2974.8	2938.4	2894.7	2843.9	2767.1	2650.7
-72.5°	2466.6	2498.5	2506.9	2506.7	2506.9	2498.5	2466.6	2428.5	2384.6	2325.1	2234.0
-75°	1991.3	2015.8	2032.2	2042.8	2032.2	2015.8	1991.3	1961.8	1927.7	1883.1	1809.9
-77.5°	1516.4	1531.1	1544.8	1554.1	1544.8	1531.1	1516.4	1497.2	1473.7	1442.2	1382.5
-80°	1032.1	1038.9	1040.5	1038.8	1040.5	1038.9	1032.1	1022.0	1008.8	990.7	953.1
-82.5°	614.8	617.7	614.6	609.7	614.6	617.7	614.8	610.1	603.6	594.9	577.4
-85°	301.6	301.8	301.2	299.9	301.2	301.8	301.6	300.6	298.9	296.3	288.2
-87.5°	111.9	112.4	114.3	116.0	114.3	112.4	111.9	111.4	110.6	109.6	106.1
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.7



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22.4	21.9	21.5	20.7	19.9	19.0	18.2	17.4	16.6	15.7	14.9
87.5°	11.9	9.9	8.0	8.3	8.6	8.8	9.0	8.6	8.1	7.7	7.4
85°	23.3	20.5	17.7	18.0	18.2	18.4	18.4	18.0	17.5	16.7	15.9
82.5°	27.6	28.2	28.4	30.5	32.1	33.3	34.0	34.1	33.6	32.5	30.6
80°	34.8	37.1	39.5	43.9	47.7	50.9	53.4	55.0	56.0	56.4	54.7
77.5°	41.2	44.9	49.0	55.6	61.8	67.5	72.3	75.3	76.9	77.8	75.8
75°	41.8	46.5	52.7	62.0	70.9	79.3	85.4	89.3	92.7	95.5	93.4
72.5°	36.8	41.3	48.8	60.2	72.1	82.5	91.4	99.0	105.1	109.8	105.9
70°	30.0	33.3	40.4	51.1	62.4	74.1	86.8	100.0	113.5	122.3	115.3
67.5°	24.6	26.4	31.8	40.0	49.9	61.1	74.0	89.0	103.4	117.5	114.9
65°	21.0	22.4	26.1	31.7	38.7	47.4	57.3	69.7	85.1	100.9	102.4
62.5°	18.7	19.7	22.2	25.7	30.1	35.7	43.5	53.8	65.8	75.6	80.8
60°	18.2	18.5	20.3	22.5	24.8	28.3	34.8	42.0	49.9	58.4	62.8
57.5°	20.2	20.5	21.7	22.6	23.2	25.8	29.8	34.4	41.6	46.9	50.2
55°	24.4	25.8	26.8	26.8	26.4	27.5	28.5	31.0	36.3	41.3	45.8
52.5°	27.9	30.7	33.2	34.9	34.9	33.8	31.7	32.5	35.5	40.5	44.6
50°	36.2	39.6	41.0	41.3	44.9	44.9	42.3	39.0	43.8	46.2	46.3
47.5°	57.4	61.1	57.6	56.5	63.0	61.4	58.8	58.5	64.2	59.6	57.6
45°	107.5	107.4	98.2	101.1	99.1	96.1	85.7	94.7	96.3	91.0	75.1
42.5°	195.3	186.5	175.2	178.5	174.4	160.4	142.7	147.3	144.4	132.8	123.4
40°	318.7	296.7	286.3	283.0	275.5	255.5	238.8	214.8	207.0	189.5	186.5
37.5°	470.2	436.7	427.0	407.7	392.4	388.3	362.1	318.4	279.9	296.6	275.4
35°	657.6	627.2	621.6	572.7	537.4	611.8	542.8	456.0	436.1	476.9	407.2
32.5°	959.6	1092.5	973.3	868.2	987.7	1004.6	876.0	669.4	771.3	769.2	642.6
30°	2047.8	2073.2	1914.9	1623.1	1797.9	1756.4	1382.6	1333.0	1303.9	1166.9	954.0
27.5°	3955.9	3544.7	3311.3	3153.6	2902.5	2766.3	2466.5	2156.8	1983.4	1732.7	1397.8
25°	6286.1	5709.1	5191.5	4863.5	4431.7	3994.2	3639.6	3202.3	2827.1	2425.1	1955.5
22.5°	8800.3	8119.6	7406.8	6744.6	6143.1	5534.0	4907.8	4283.7	3751.9	3229.2	2631.6
20°	11474.1	10631.2	9678.1	8852.0	8026.2	7164.6	6298.0	5544.8	4854.8	4115.9	3359.3
17.5°	14623.4	13378.6	12198.3	11128.0	10023.0	8922.8	8016.7	7069.3	6064.4	5049.6	4115.0
15°	18021.8	16511.9	15051.5	13606.1	12224.1	11023.2	9888.5	8683.4	7386.9	6085.3	4974.0
12.5°	21618.1	19720.7	17903.2	16227.3	14696.9	13233.7	11821.4	10372.7	8800.7	7257.1	5981.2
10°	25119.4	22897.4	20864.2	18934.2	17141.0	15443.2	13678.1	11925.2	10146.9	8412.4	6953.5
7.5°	28355.5	25948.1	23669.7	21378.8	19180.0	17221.3	15305.0	13379.8	11434.8	9506.5	7884.5
5°	31051.2	28325.6	25711.1	23183.4	20817.8	18833.5	16834.3	14756.8	12647.6	10531.0	8765.2
2.5°	32872.8	30093.6	27430.9	24763.7	22169.9	20129.5	18026.6	15802.7	13494.5	11207.2	9337.2
0°	34189.1	31124.1	28329.1	25585.5	22802.1	20830.6	18754.7	16529.6	14100.8	11741.5	9846.2
-2.5°	34197.8	31097.1	28301.7	25401.3	22667.1	20528.3	18502.9	16348.3	14103.0	11837.0	9962.3
-5°	33723.1	30666.2	27874.0	25043.2	22307.5	20142.8	18157.1	16098.0	14001.6	11847.6	10009.1
-7.5°	32998.9	30023.2	27227.6	24412.7	21759.5	19648.6	17732.1	15802.4	13817.2	11785.1	9992.5
-10°	32002.4	29174.9	26480.1	23686.6	21134.7	19046.5	17229.6	15436.0	13555.6	11638.4	9912.5
-12.5°	30711.3	28011.7	25506.3	22832.0	20417.6	18478.3	16708.2	15003.2	13231.6	11410.6	9772.1
-15°	28966.4	26621.4	24276.4	21852.6	19627.2	17808.8	16111.2	14449.0	12701.0	11019.6	9574.7
-17.5°	27093.9	25040.8	22946.2	20625.6	18624.6	17028.7	15420.3	13755.6	12028.8	10379.8	9054.1
-20°	24887.5	23014.2	21247.5	19237.2	17322.9	15789.4	14465.9	12950.2	11221.6	9686.4	8429.5



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	22281.3	20677.8	19055.0	17373.0	15807.3	14386.7	13098.9	11790.9	10276.1	8886.9	7745.3
-25°	19607.1	18200.6	16746.9	15403.9	14102.4	12820.1	11643.7	10442.1	9243.6	8055.3	7016.9
-27.5°	17001.3	15770.4	14556.1	13481.9	12431.6	11310.4	10198.0	9171.2	8246.2	7294.5	6316.7
-30°	14702.0	13904.0	12838.7	11797.7	11083.0	10095.8	8906.7	8172.9	7436.7	6615.5	5745.4
-32.5°	13239.4	12483.6	11549.0	10721.8	9987.0	9092.0	8195.0	7332.5	6741.9	6035.7	5308.6
-35°	12032.2	11335.6	10584.8	9846.2	9090.3	8334.0	7545.9	6823.7	6150.6	5512.2	4896.8
-37.5°	10870.6	10272.6	9645.1	8981.6	8329.6	7644.9	6962.8	6298.4	5639.4	5068.5	4523.0
-40°	9781.7	9267.6	8755.3	8175.1	7585.5	6983.4	6374.0	5758.4	5188.1	4647.4	4158.5
-42.5°	8772.8	8348.3	7903.7	7388.8	6853.9	6326.6	5782.8	5243.5	4734.1	4259.1	3809.8
-45°	7830.8	7460.7	7055.5	6621.4	6146.5	5681.8	5201.6	4744.1	4300.7	3877.9	3456.2
-47.5°	6954.3	6630.6	6265.7	5888.9	5483.4	5068.8	4677.7	4268.1	3883.9	3496.3	3132.0
-50°	6171.9	5898.0	5578.0	5225.9	4897.5	4547.9	4190.8	3821.4	3484.6	3158.7	2824.4
-52.5°	5536.3	5273.6	4988.8	4683.3	4376.9	4062.6	3733.1	3437.6	3137.7	2847.5	2553.1
-55°	4958.2	4722.9	4469.8	4189.4	3894.6	3640.0	3370.7	3096.3	2827.9	2557.8	2315.7
-57.5°	4475.7	4252.3	4014.5	3767.9	3513.0	3270.6	3027.6	2777.8	2545.0	2320.9	2096.0
-60°	4028.7	3819.0	3606.8	3383.2	3148.1	2917.5	2721.4	2514.5	2296.8	2106.2	1914.7
-62.5°	3624.0	3433.7	3236.2	3042.7	2846.3	2651.2	2465.0	2282.6	2097.9	1916.4	1753.2
-65°	3264.2	3102.1	2928.3	2751.9	2578.0	2407.5	2238.8	2074.2	1917.3	1764.9	1606.3
-67.5°	2907.2	2764.3	2614.3	2462.4	2314.4	2171.1	2026.0	1882.9	1739.1	1598.9	1450.9
-70°	2532.9	2414.7	2292.8	2168.8	2044.2	1920.8	1792.6	1663.5	1538.3	1414.4	1283.4
-72.5°	2139.5	2042.4	1942.2	1840.8	1741.2	1641.1	1534.0	1422.2	1314.0	1210.2	1102.9
-75°	1733.0	1652.8	1571.3	1492.7	1414.2	1336.4	1254.8	1165.8	1078.9	994.5	908.4
-77.5°	1320.5	1256.6	1193.6	1138.4	1083.1	1028.3	970.5	902.9	836.3	770.6	703.6
-80°	913.9	873.4	833.2	799.1	763.3	725.9	685.4	636.4	588.0	542.9	500.1
-82.5°	558.3	537.9	516.4	496.5	475.4	453.1	429.4	401.2	373.0	345.1	316.8
-85°	279.5	270.1	260.2	252.1	243.2	233.7	223.3	210.7	197.5	183.5	168.8
-87.5°	102.5	98.8	95.1	92.3	89.4	86.4	83.3	78.8	74.3	69.8	65.3
-90°	4.2	4.6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	14.5	14.1	13.7	13.3	12.9	12.5	12.0	11.6	11.2	10.8	10.3
87.5°	8.8	10.1	11.3	12.3	11.7	11.2	10.6	10.1	10.1	10.0	9.8
85°	16.2	16.8	17.5	18.3	17.2	15.7	14.6	13.6	13.6	13.4	13.1
82.5°	27.7	26.3	25.5	25.0	24.6	23.6	22.2	20.1	18.0	16.8	16.3
80°	48.8	43.5	38.8	34.9	32.6	31.6	30.5	28.2	23.6	20.4	18.6
77.5°	67.8	60.5	53.8	47.3	41.7	37.7	35.6	34.3	28.9	23.7	20.2
75°	84.7	75.2	66.3	57.8	49.8	43.3	38.7	35.4	30.9	26.5	21.7
72.5°	95.8	86.2	77.0	67.2	56.7	48.1	41.3	36.3	31.8	27.3	22.7
70°	104.4	95.0	85.2	74.0	62.7	52.3	43.7	37.7	32.6	28.0	23.3
67.5°	110.2	98.8	89.1	79.6	68.0	56.5	45.8	39.2	33.9	28.6	23.9
65°	98.9	95.1	90.3	80.3	70.6	60.3	48.9	41.1	35.1	29.7	24.3
62.5°	84.2	84.7	81.8	78.6	70.8	61.3	51.9	44.1	36.6	30.7	25.1
60°	65.8	69.8	72.4	71.3	67.9	61.0	53.0	46.9	39.0	31.6	25.9
57.5°	54.5	56.0	60.1	63.2	62.2	58.3	53.6	48.3	41.2	33.3	26.8
55°	47.2	49.6	51.1	53.6	55.8	53.9	53.2	49.1	43.0	35.0	27.9
52.5°	47.0	47.8	48.1	47.4	48.5	50.2	51.0	49.9	43.9	36.6	29.8
50°	48.9	53.1	50.4	47.0	43.3	46.0	49.0	48.6	44.8	37.9	31.7
47.5°	57.8	63.7	60.2	50.6	44.9	42.6	46.5	47.1	45.7	38.7	33.6
45°	81.5	80.6	75.2	63.5	49.3	45.6	44.2	45.9	44.7	40.8	35.6
42.5°	113.9	109.3	97.7	78.8	68.9	51.9	42.5	44.5	43.8	43.2	37.7
40°	170.9	146.9	127.0	115.3	98.4	60.2	48.7	43.6	43.4	45.5	39.9
37.5°	237.7	201.7	167.2	167.9	138.8	93.8	56.8	43.1	45.9	47.5	42.4
35°	335.1	271.6	250.3	239.5	197.0	133.3	66.0	46.3	49.6	50.1	45.0
32.5°	447.0	407.7	393.3	330.1	265.0	178.5	93.3	59.5	54.3	53.2	47.7
30°	711.1	648.4	581.3	435.0	346.1	242.1	137.9	72.9	60.0	56.9	50.6
27.5°	1136.9	933.7	812.6	605.3	445.4	314.8	193.9	86.7	66.6	61.2	53.4
25°	1596.4	1311.1	1088.7	820.6	553.8	427.2	256.8	102.1	76.8	66.5	56.5
22.5°	2115.3	1719.2	1394.7	1061.9	725.9	557.8	337.7	151.4	88.5	72.3	59.8
20°	2641.5	2133.2	1742.6	1359.5	950.3	706.0	439.5	203.6	100.1	78.4	63.3
17.5°	3191.8	2659.5	2217.9	1699.6	1201.5	862.3	549.6	257.7	111.5	84.9	66.9
15°	4033.4	3329.4	2728.1	2070.6	1450.6	1024.2	665.6	312.6	122.7	91.7	74.3
12.5°	4907.9	4011.7	3260.3	2463.2	1695.0	1189.0	784.8	367.3	133.6	105.6	86.4
10°	5760.4	4697.1	3804.2	2867.2	1932.1	1353.9	904.1	439.3	166.5	125.5	98.8
7.5°	6583.3	5375.8	4348.3	3271.3	2178.0	1570.7	1120.2	551.3	203.6	145.8	111.3
5°	7323.3	5971.3	4862.2	3695.3	2513.3	1837.7	1351.1	662.8	241.3	166.0	123.6
2.5°	7820.9	6425.5	5334.6	4091.2	2833.3	2094.6	1575.4	770.1	278.6	186.0	135.8
0°	8262.3	6835.8	5768.9	4450.1	3134.6	2339.4	1786.0	869.8	314.8	205.4	147.5
-2.5°	8373.9	6937.4	5903.0	4669.6	3388.2	2563.2	1976.2	1023.7	432.2	278.0	193.6
-5°	8426.9	7004.8	6003.1	4853.0	3618.0	2771.8	2143.5	1164.4	545.3	348.6	238.5
-7.5°	8438.2	7058.7	6056.5	4984.8	3822.4	2963.8	2286.0	1289.7	652.1	416.1	281.6
-10°	8399.6	7080.4	6041.9	4950.6	3835.2	3043.0	2381.1	1398.0	750.5	479.4	322.2
-12.5°	8309.8	7052.3	5991.5	4874.3	3789.6	3013.7	2319.7	1439.0	835.0	537.5	359.7
-15°	8171.2	6971.1	5905.4	4754.7	3715.3	2965.1	2250.0	1445.4	886.6	588.5	393.5
-17.5°	7914.7	6834.1	5784.1	4590.6	3611.4	2896.4	2175.8	1443.0	930.9	632.3	425.7
-20°	7370.1	6485.7	5617.5	4381.4	3477.0	2806.9	2100.3	1433.1	967.2	670.3	455.8



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6792.1	5992.9	5173.7	4197.5	3335.3	2696.0	2026.6	1416.4	995.5	701.9	481.4
-25°	6171.9	5492.4	4707.2	3896.9	3198.1	2581.3	1971.1	1393.9	1015.3	726.8	502.4
-27.5°	5591.1	4987.6	4268.7	3600.3	3003.8	2479.4	1928.1	1408.1	1031.7	744.5	518.4
-30°	5037.4	4513.7	3917.6	3326.7	2807.2	2344.7	1882.2	1413.7	1048.9	759.4	529.2
-32.5°	4637.7	4089.8	3598.7	3103.2	2634.9	2202.2	1793.8	1408.8	1056.6	769.8	537.6
-35°	4321.4	3775.7	3300.9	2882.2	2468.9	2068.6	1688.9	1393.1	1054.3	772.9	541.6
-37.5°	3994.6	3506.4	3064.1	2677.6	2298.2	1929.5	1601.0	1325.1	1042.2	768.7	540.4
-40°	3689.9	3241.1	2843.2	2487.4	2136.0	1785.2	1506.4	1257.0	1027.5	756.9	533.8
-42.5°	3374.1	2983.7	2627.2	2293.4	1973.9	1673.5	1408.0	1184.5	978.0	741.9	521.8
-45°	3076.6	2723.8	2408.5	2111.7	1813.9	1556.0	1323.2	1109.7	921.1	721.7	507.0
-47.5°	2774.4	2479.1	2199.7	1927.0	1678.6	1439.2	1234.1	1043.1	861.5	694.0	490.6
-50°	2504.8	2245.8	2000.8	1767.0	1538.1	1337.1	1145.1	973.4	806.8	645.4	469.2
-52.5°	2274.9	2034.8	1822.3	1613.9	1419.6	1230.9	1065.4	901.9	749.9	599.9	443.1
-55°	2067.9	1846.8	1657.9	1479.0	1303.9	1137.9	982.8	836.3	690.6	554.3	413.1
-57.5°	1890.0	1677.2	1513.9	1353.2	1198.7	1047.7	904.7	768.5	635.0	506.5	385.8
-60°	1723.0	1542.3	1378.6	1239.3	1099.3	960.7	828.3	700.9	578.8	458.3	351.6
-62.5°	1584.2	1412.1	1260.2	1130.9	1003.8	877.6	751.0	635.8	520.5	413.4	313.8
-65°	1446.4	1291.3	1144.1	1029.2	911.8	792.6	677.2	568.5	464.0	366.1	276.8
-67.5°	1305.4	1166.7	1039.1	928.6	815.7	705.8	600.5	500.6	406.0	316.7	244.2
-70°	1155.9	1037.4	923.6	816.5	714.0	615.0	520.1	430.7	345.7	274.3	210.0
-72.5°	993.4	889.6	792.0	698.9	606.2	518.5	436.3	360.2	292.3	230.3	174.3
-75°	819.1	732.4	650.0	570.6	492.5	419.2	354.7	294.7	237.2	184.7	142.0
-77.5°	632.4	564.5	500.6	441.1	381.3	325.7	274.6	227.3	182.9	144.8	110.3
-80°	452.3	405.5	359.8	315.1	270.7	230.1	198.0	167.0	134.5	104.7	77.9
-82.5°	283.0	254.5	228.3	202.9	177.7	153.5	130.4	108.4	85.1	63.9	51.5
-85°	152.4	136.4	120.9	106.0	90.6	76.0	68.8	61.8	53.2	45.2	37.9
-87.5°	62.1	58.8	55.5	52.2	48.2	44.3	40.5	36.8	32.2	28.0	24.1
-90°	5.4	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.9	9.5	9.1	8.7	8.3	7.5	6.6
87.5°	9.6	8.8	8.2	7.6	7.2	6.9	6.6
85°	12.6	11.1	9.8	8.7	7.8	7.1	6.6
82.5°	15.5	13.3	11.3	9.7	8.3	7.4	6.6
80°	18.1	15.5	12.9	10.7	8.9	7.6	6.6
77.5°	18.5	16.9	14.4	11.7	9.5	7.9	6.6
75°	18.8	17.0	15.6	12.6	10.0	8.1	6.6
72.5°	19.0	17.0	15.5	13.6	10.6	8.3	6.6
70°	19.3	17.0	15.4	14.3	11.1	8.6	6.6
67.5°	19.9	17.0	15.3	14.1	11.6	8.8	6.6
65°	20.6	17.3	15.1	13.9	12.1	9.0	6.6
62.5°	21.2	17.8	14.9	13.7	12.6	9.3	6.6
60°	21.8	18.4	14.7	13.4	13.1	9.5	6.6
57.5°	22.8	19.0	15.1	13.2	13.0	9.7	6.6
55°	23.9	19.5	15.5	12.9	12.9	9.9	6.6
52.5°	25.0	20.1	16.0	12.6	12.8	10.1	6.6
50°	26.0	21.0	16.4	12.3	12.8	10.2	6.6
47.5°	27.2	21.9	16.8	12.2	12.7	10.4	6.6
45°	28.9	22.8	17.2	12.4	12.7	10.6	6.6
42.5°	30.5	23.7	17.5	12.7	12.7	10.7	6.6
40°	32.2	24.6	18.0	13.2	12.7	10.8	6.6
37.5°	33.8	25.5	18.7	13.9	12.8	11.0	6.6
35°	35.3	26.6	19.3	14.6	12.8	11.1	6.6
32.5°	37.0	27.8	19.9	15.4	12.9	11.2	6.6
30°	39.2	28.9	20.4	16.1	13.0	11.3	6.6
27.5°	41.3	30.0	22.1	16.9	13.1	11.4	6.6
25°	43.5	31.0	23.9	17.7	13.3	11.5	6.6
22.5°	45.6	32.8	25.8	18.5	13.4	11.5	6.6
20°	47.8	37.0	27.8	19.3	13.6	11.6	6.6
17.5°	53.3	41.3	29.8	20.1	13.7	11.6	6.6
15°	61.1	45.9	31.8	20.8	13.9	11.6	6.6
12.5°	69.0	50.5	33.8	21.6	14.1	11.7	6.6
10°	77.0	55.1	35.8	22.3	14.3	11.7	6.6
7.5°	85.0	59.8	37.8	23.0	14.4	11.7	6.6
5°	92.8	64.3	39.6	23.7	14.6	11.7	6.6
2.5°	100.4	68.7	41.4	24.3	14.7	11.6	6.6
0°	107.7	72.9	43.1	24.9	14.9	11.6	6.6
-2.5°	135.6	88.5	51.5	28.6	16.0	11.8	6.6
-5°	162.8	103.7	59.6	32.1	17.0	12.0	6.6
-7.5°	188.7	118.2	67.4	35.6	18.1	12.2	6.6
-10°	213.2	131.9	74.8	38.8	19.1	12.4	6.6
-12.5°	235.8	144.5	81.7	41.8	20.0	12.5	6.6
-15°	256.1	156.1	88.0	44.6	20.9	12.7	6.6
-17.5°	273.9	166.3	93.5	47.0	21.7	12.8	6.6
-20°	291.4	175.0	98.3	49.2	22.4	12.9	6.6



REPORT NUMBER: P1306274 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	309.9	182.2	102.3	50.9	23.1	13.0	6.6
-25°	325.3	191.6	105.3	52.3	23.6	13.1	6.6
-27.5°	337.2	200.6	107.4	53.2	24.1	13.1	6.6
-30°	345.7	207.3	108.8	53.7	24.5	13.1	6.6
-32.5°	350.5	211.7	112.1	53.7	24.7	13.1	6.6
-35°	354.2	213.7	114.1	53.3	24.9	13.1	6.6
-37.5°	355.6	214.2	114.8	52.4	24.9	13.1	6.6
-40°	353.3	214.3	114.0	50.9	24.9	13.0	6.6
-42.5°	347.3	212.1	113.0	49.5	24.7	12.9	6.6
-45°	337.7	207.8	111.9	48.6	24.4	12.8	6.6
-47.5°	324.3	201.2	109.7	47.1	23.9	12.6	6.6
-50°	312.0	192.4	106.2	46.6	23.4	12.5	6.6
-52.5°	297.2	181.5	101.6	46.1	22.8	12.3	6.6
-55°	279.4	172.2	95.9	45.1	22.0	12.1	6.6
-57.5°	258.8	162.0	89.2	43.5	21.1	11.9	6.6
-60°	236.1	150.1	81.5	41.4	20.2	11.6	6.6
-62.5°	217.0	136.6	76.1	38.8	19.4	11.3	6.6
-65°	195.8	121.7	69.7	35.8	18.6	11.1	6.6
-67.5°	172.7	107.6	62.6	32.3	17.8	10.7	6.6
-70°	147.8	94.4	54.8	28.5	16.9	10.4	6.6
-72.5°	125.7	80.1	46.3	26.0	15.9	10.1	6.6
-75°	102.8	64.9	37.2	23.8	14.9	9.7	6.6
-77.5°	78.8	48.9	32.1	21.5	13.9	9.4	6.6
-80°	53.8	38.7	27.7	19.0	12.8	9.0	6.6
-82.5°	41.7	31.6	23.2	16.5	11.7	8.6	6.6
-85°	31.3	24.3	18.5	14.0	10.6	8.2	6.6
-87.5°	20.6	16.9	13.8	11.3	9.4	7.8	6.6
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6

(END OF REPORT)