

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: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-3S-HEG-A**

Issue Date: 2/3/2026

Test Information

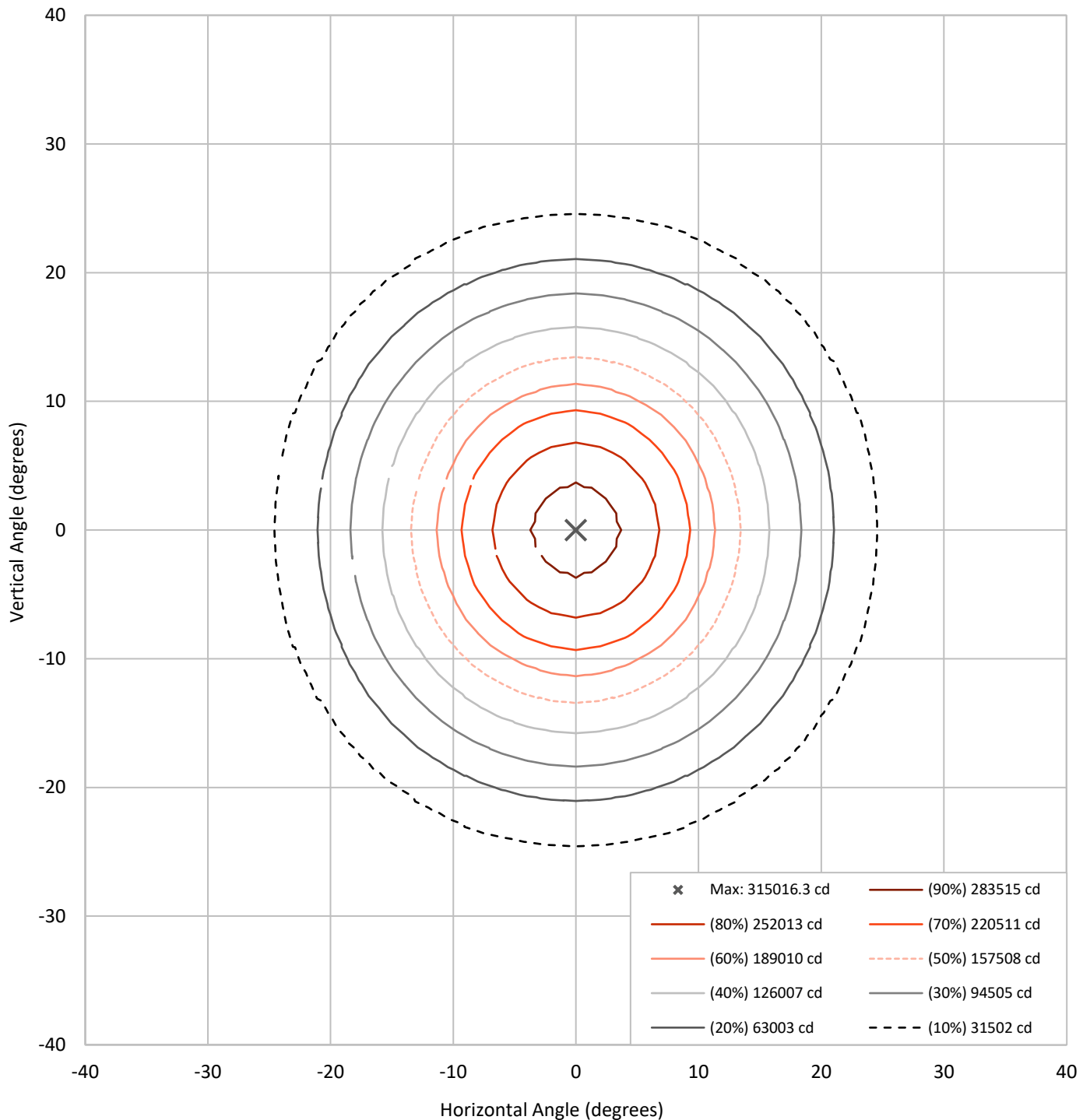
Test Method: LM-79-08
Report Number: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-3S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 3S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	85081.8 lumens	Max Intensity:	315016.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	26.9°H x 26.9°V	Field Angle (10%):	48.9°H x 48.9°V
Beam Lumens:	36890.1 lumens	Field Lumens:	70626.2 lumens
Beam Efficiency:	43.4%	Field Efficiency:	83.0%
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		

REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

Iso-Candela Plot



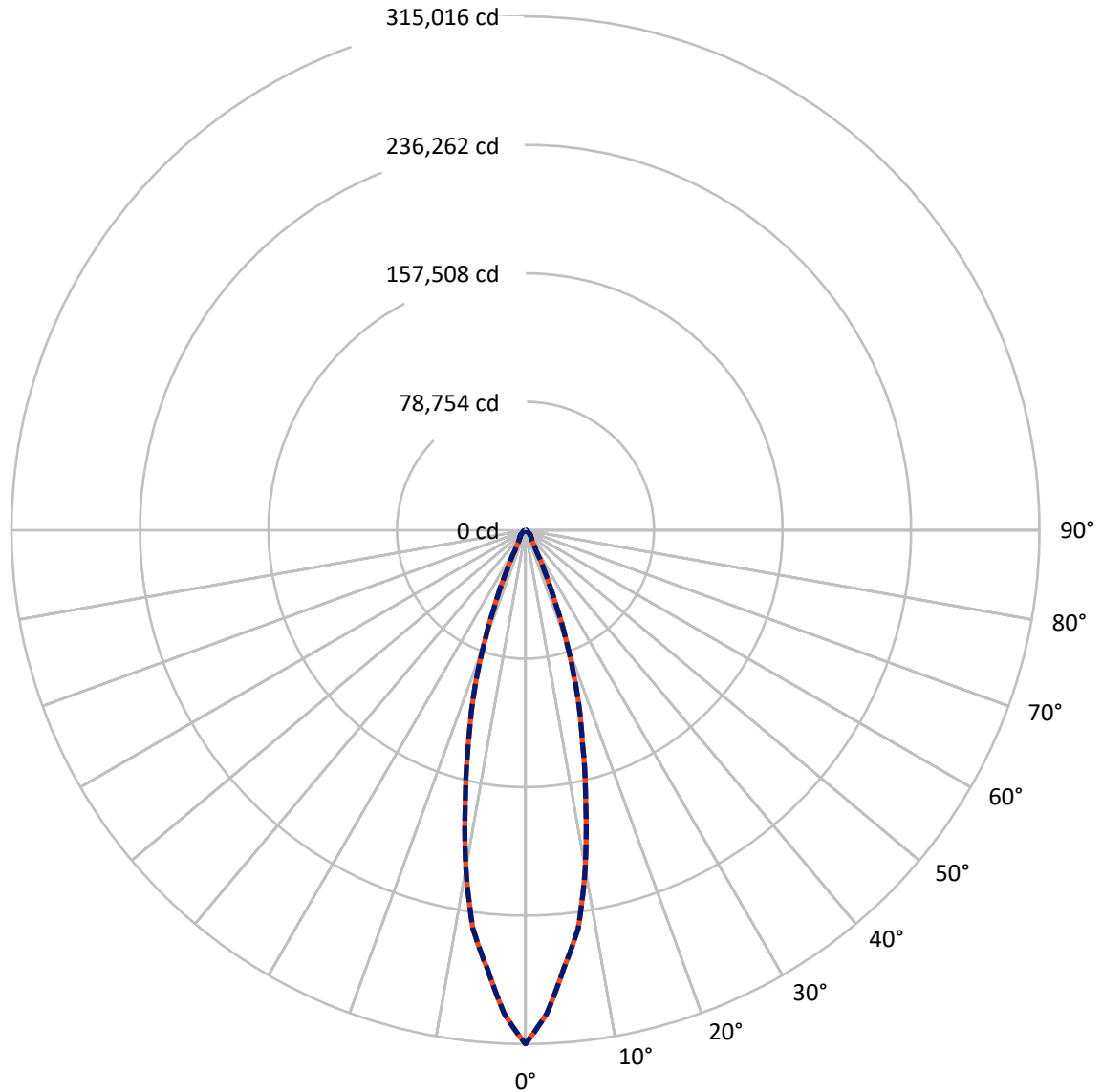
REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

Lumen Table

90	0.1	0.7	2.9	7.7	10.2	7.7	2.9	0.7	0.1							
80	0.1	0.7	2.9	7.7	10.2	7.7	2.9	0.7	0.1							
70	0.3	0.4	1.9	5.7	11.1	16.9	21.6	24.2	24.2	21.6	16.9	11.1	5.7	1.9	0.4	0.3
60		1.4	6.6	15.5	26.6	38.0	47.1	52.0	52.0	47.1	38.0	26.6	15.5	6.6	1.4	
50	1.0	3.5	12.7	26.9	44.6	70.2	100.4	117.8	117.8	100.4	70.2	44.6	26.9	12.7	3.5	1.0
40		5.9	18.8	38.6	78.6	129.5	166.6	195.7	195.7	166.6	129.5	78.6	38.6	18.8	5.9	
30	2.3	8.1	24.3	55.2	117.3	185.6	429.2	882.8	882.8	429.2	185.6	117.3	55.2	24.3	8.1	2.3
20		9.7	28.3	74.3	141.8	405.2	1877.8	3760.3	3760.3	1877.8	405.2	141.8	74.3	28.3	9.7	
10	2.9	10.6	30.3	84.5	161.8	812.6	3657.4	7213.1	7213.1	3657.4	812.6	161.8	84.5	30.3	10.6	2.9
0		10.6	30.3	84.5	161.8	812.6	3657.4	7213.1	7213.1	3657.4	812.6	161.8	84.5	30.3	10.6	
-10	2.3	9.7	28.3	74.3	141.8	405.2	1877.8	3760.3	3760.3	1877.8	405.2	141.8	74.3	28.3	9.7	2.3
-20		8.1	24.3	55.2	117.3	185.6	429.2	882.8	882.8	429.2	185.6	117.3	55.2	24.3	8.1	
-30	1.0	5.9	18.8	38.6	78.6	129.5	166.6	195.7	195.7	166.6	129.5	78.6	38.6	18.8	5.9	1.0
-40		3.5	12.7	26.9	44.6	70.2	100.4	117.8	117.8	100.4	70.2	44.6	26.9	12.7	3.5	
-50	0.3	1.4	6.6	15.5	26.6	38.0	47.1	52.0	52.0	47.1	38.0	26.6	15.5	6.6	1.4	0.3
-60		0.4	1.9	5.7	11.1	16.9	21.6	24.2	24.2	21.6	16.9	11.1	5.7	1.9	0.4	
-70	0.1	0.7	2.9	7.7	10.2	7.7	2.9	0.7	0.1							
-80		0.1	0.7	2.9	7.7	10.2	7.7	2.9	0.7	0.1						
-90	0.1	0.7	2.9	7.7	10.2	7.7	2.9	0.7	0.1							

REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

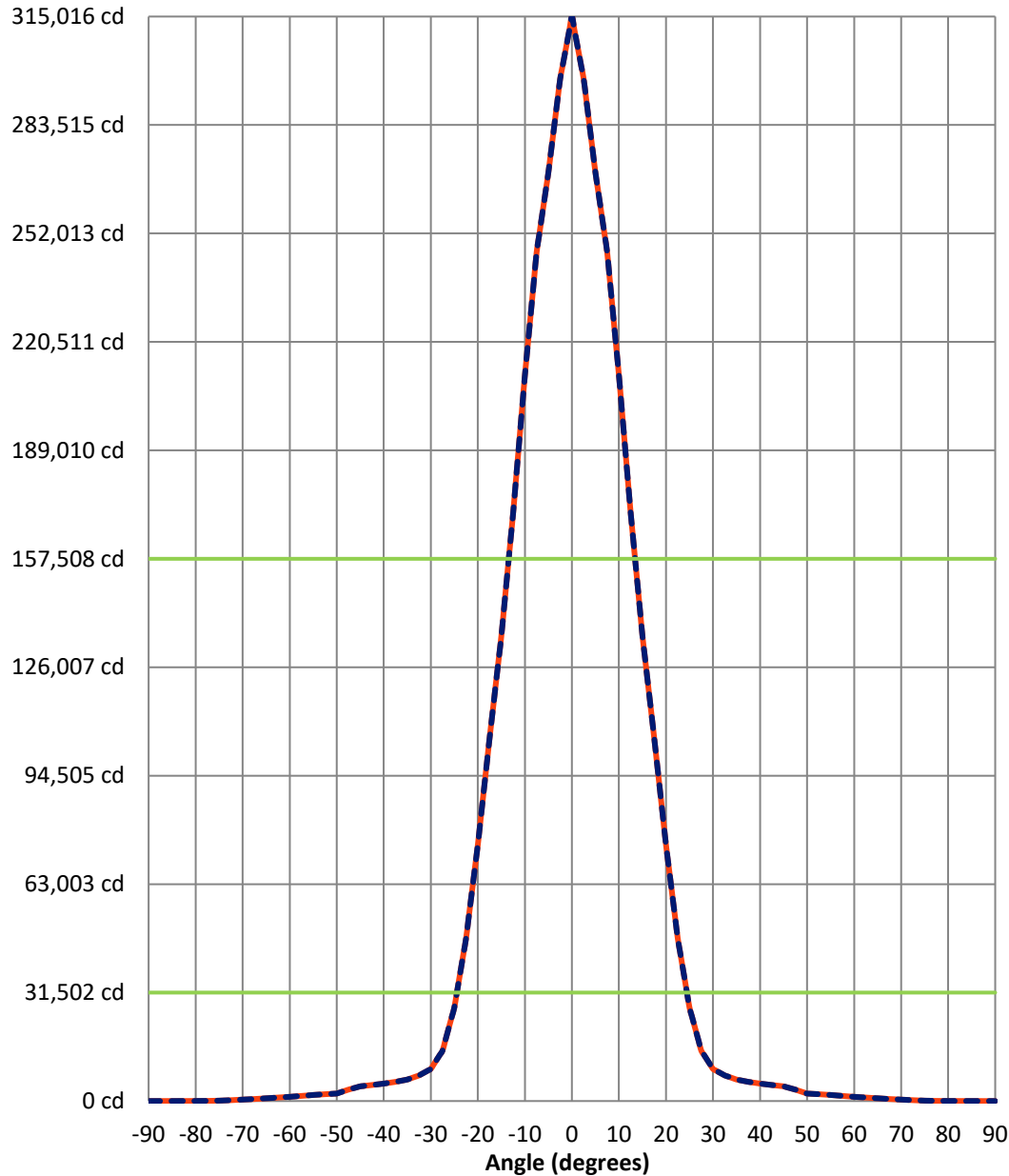
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

Luminous Intensity Plot



Beam:
H Angle: 26.9°
V Angle: 26.9°
Lumens: 36890.1
Efficiency: 43.4%

Field:
H Angle: 48.9°
V Angle: 48.9°
Lumens: 70626.2
Efficiency: 83.0%

Spill:
Lumens: 14455.6
Efficiency: 17.0%

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



REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

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	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
85°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	5.8	6.3	6.8
80°	0.0	1.0	2.0	3.0	3.9	4.9	5.8	6.5	7.3	8.0	8.6
77.5°	0.0	1.2	2.5	3.7	4.9	6.0	6.9	7.8	8.7	9.6	10.7
75°	0.0	1.5	2.9	4.4	5.8	6.9	8.0	9.1	10.2	12.0	13.7
72.5°	0.0	1.7	3.4	5.1	6.5	7.8	9.1	10.5	12.6	14.6	16.6
70°	0.0	1.9	3.9	5.8	7.3	8.7	10.2	12.6	14.9	17.3	20.4
67.5°	0.0	2.2	4.4	6.3	8.0	9.6	12.0	14.6	17.3	20.9	24.4
65°	0.0	2.4	4.8	6.8	8.6	10.7	13.7	16.6	20.4	24.4	29.5
62.5°	0.0	2.6	5.3	7.3	9.3	12.1	15.4	19.1	23.5	28.6	37.2
60°	0.0	2.8	5.7	7.8	10.0	13.5	17.0	21.8	26.6	35.4	44.8
57.5°	0.0	3.1	6.0	8.3	11.0	14.8	19.2	24.4	31.9	42.1	64.4
55°	0.0	3.3	6.3	8.8	12.1	16.1	21.3	26.9	37.7	52.1	89.3
52.5°	0.0	3.5	6.6	9.2	13.1	17.5	23.5	31.6	43.3	73.9	113.5
50°	0.0	3.7	6.9	9.7	14.1	19.2	25.5	36.4	52.7	95.1	157.5
47.5°	0.0	3.9	7.2	10.2	15.0	20.8	27.8	41.0	70.9	115.5	202.5
45°	0.0	4.0	7.5	10.9	15.9	22.4	31.6	45.4	88.4	154.1	245.9
42.5°	0.0	4.2	7.7	11.5	16.8	23.9	35.2	55.7	105.1	191.5	297.0
40°	0.0	4.4	8.0	12.1	17.8	25.4	38.7	69.7	126.3	227.3	347.5
37.5°	0.0	4.5	8.2	12.7	18.9	26.7	42.0	83.0	156.5	264.0	395.6
35°	0.0	4.7	8.4	13.3	19.9	28.9	45.1	95.6	185.1	304.8	440.8
32.5°	0.0	4.8	8.7	13.8	20.9	31.3	50.2	107.5	212.0	343.4	482.8
30°	0.0	4.9	8.8	14.3	21.8	33.6	59.7	121.2	237.3	379.4	522.2
27.5°	0.0	5.1	9.0	14.7	22.6	35.7	68.4	141.6	263.0	413.0	558.9
25°	0.0	5.2	9.2	15.2	23.4	37.7	76.5	160.3	290.3	443.5	593.1
22.5°	0.0	5.3	9.3	15.5	24.1	39.5	83.9	177.5	315.2	471.0	632.2
20°	0.0	5.4	9.5	15.9	24.8	41.1	90.6	192.9	337.7	495.9	667.5
17.5°	0.0	5.4	9.6	16.2	25.3	42.5	96.5	206.6	357.7	518.0	698.9
15°	0.0	5.5	9.7	16.5	25.8	43.7	101.6	218.6	375.1	537.3	726.3
12.5°	0.0	5.6	9.8	16.7	26.2	44.8	106.0	228.7	389.9	553.7	749.7
10°	0.0	5.6	9.9	16.9	26.6	45.7	109.6	237.1	402.0	567.2	768.9
7.5°	0.0	5.7	9.9	17.0	26.9	46.3	112.4	243.6	411.5	577.7	783.8
5°	0.0	5.7	10.0	17.1	27.0	46.8	114.4	248.3	418.3	585.3	794.6
2.5°	0.0	5.7	10.0	17.2	27.2	47.1	115.6	251.1	422.4	589.8	801.0
0°	0.0	5.7	10.0	17.2	27.2	47.1	115.6	251.1	422.4	589.8	801.0
-2.5°	0.0	5.7	10.0	17.2	27.2	47.1	115.6	251.1	422.4	589.8	801.0
-5°	0.0	5.7	10.0	17.1	27.0	46.8	114.4	248.3	418.3	585.3	794.6
-7.5°	0.0	5.7	9.9	17.0	26.9	46.3	112.4	243.6	411.5	577.7	783.8
-10°	0.0	5.6	9.9	16.9	26.6	45.7	109.6	237.1	402.0	567.2	768.9
-12.5°	0.0	5.6	9.8	16.7	26.2	44.8	106.0	228.7	389.9	553.7	749.7
-15°	0.0	5.5	9.7	16.5	25.8	43.7	101.6	218.6	375.1	537.3	726.3
-17.5°	0.0	5.4	9.6	16.2	25.3	42.5	96.5	206.6	357.7	518.0	698.9
-20°	0.0	5.4	9.5	15.9	24.8	41.1	90.6	192.9	337.7	495.9	667.5



REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.3	9.3	15.5	24.1	39.5	83.9	177.5	315.2	471.0	632.2
-25°	0.0	5.2	9.2	15.2	23.4	37.7	76.5	160.3	290.3	443.5	593.1
-27.5°	0.0	5.1	9.0	14.7	22.6	35.7	68.4	141.6	263.0	413.0	558.9
-30°	0.0	4.9	8.8	14.3	21.8	33.6	59.7	121.2	237.3	379.4	522.2
-32.5°	0.0	4.8	8.7	13.8	20.9	31.3	50.2	107.5	212.0	343.4	482.8
-35°	0.0	4.7	8.4	13.3	19.9	28.9	45.1	95.6	185.1	304.8	440.8
-37.5°	0.0	4.5	8.2	12.7	18.9	26.7	42.0	83.0	156.5	264.0	395.6
-40°	0.0	4.4	8.0	12.1	17.8	25.4	38.7	69.7	126.3	227.3	347.5
-42.5°	0.0	4.2	7.7	11.5	16.8	23.9	35.2	55.7	105.1	191.5	297.0
-45°	0.0	4.0	7.5	10.9	15.9	22.4	31.6	45.4	88.4	154.1	245.9
-47.5°	0.0	3.9	7.2	10.2	15.0	20.8	27.8	41.0	70.9	115.5	202.5
-50°	0.0	3.7	6.9	9.7	14.1	19.2	25.5	36.4	52.7	95.1	157.5
-52.5°	0.0	3.5	6.6	9.2	13.1	17.5	23.5	31.6	43.3	73.9	113.5
-55°	0.0	3.3	6.3	8.8	12.1	16.1	21.3	26.9	37.7	52.1	89.3
-57.5°	0.0	3.1	6.0	8.3	11.0	14.8	19.2	24.4	31.9	42.1	64.4
-60°	0.0	2.8	5.7	7.8	10.0	13.5	17.0	21.8	26.6	35.4	44.8
-62.5°	0.0	2.6	5.3	7.3	9.3	12.1	15.4	19.1	23.5	28.6	37.2
-65°	0.0	2.4	4.8	6.8	8.6	10.7	13.7	16.6	20.4	24.4	29.5
-67.5°	0.0	2.2	4.4	6.3	8.0	9.6	12.0	14.6	17.3	20.9	24.4
-70°	0.0	1.9	3.9	5.8	7.3	8.7	10.2	12.6	14.9	17.3	20.4
-72.5°	0.0	1.7	3.4	5.1	6.5	7.8	9.1	10.5	12.6	14.6	16.6
-75°	0.0	1.5	2.9	4.4	5.8	6.9	8.0	9.1	10.2	12.0	13.7
-77.5°	0.0	1.2	2.5	3.7	4.9	6.0	6.9	7.8	8.7	9.6	10.7
-80°	0.0	1.0	2.0	3.0	3.9	4.9	5.8	6.5	7.3	8.0	8.6
-82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	5.8	6.3	6.8
-85°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
-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: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

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°	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.5
85°	5.3	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.7	8.0	8.2
82.5°	7.3	7.8	8.3	8.8	9.2	9.7	10.2	10.9	11.5	12.1	12.7
80°	9.3	10.0	11.0	12.1	13.1	14.1	15.0	15.9	16.8	17.8	18.9
77.5°	12.1	13.5	14.8	16.1	17.5	19.2	20.8	22.4	23.9	25.4	26.7
75°	15.4	17.0	19.2	21.3	23.5	25.5	27.8	31.6	35.2	38.7	42.0
72.5°	19.1	21.8	24.4	26.9	31.6	36.4	41.0	45.4	55.7	69.7	83.0
70°	23.5	26.6	31.9	37.7	43.3	52.7	70.9	88.4	105.1	126.3	156.5
67.5°	28.6	35.4	42.1	52.1	73.9	95.1	115.5	154.1	191.5	227.3	264.0
65°	37.2	44.8	64.4	89.3	113.5	157.5	202.5	245.9	297.0	347.5	395.6
62.5°	45.7	70.6	98.5	135.5	188.1	239.3	298.5	359.0	417.2	471.7	523.6
60°	70.6	101.6	147.8	206.6	267.2	337.7	406.1	471.0	533.1	593.1	665.1
57.5°	98.5	147.8	212.8	282.9	361.4	437.5	509.8	579.9	662.2	744.3	823.2
55°	135.5	206.6	282.9	369.3	453.1	533.3	616.7	712.3	804.7	895.2	982.0
52.5°	188.1	267.2	361.4	453.1	541.2	636.7	742.6	846.1	947.4	1044.3	1135.4
50°	239.3	337.7	437.5	533.3	636.7	752.7	867.0	979.0	1085.7	1187.6	1298.7
47.5°	298.5	406.1	509.8	616.7	742.6	867.0	989.6	1106.6	1219.2	1351.4	1481.1
45°	359.0	471.0	579.9	712.3	846.1	979.0	1106.6	1229.8	1378.0	1522.8	1667.1
42.5°	417.2	533.1	662.2	804.7	947.4	1085.7	1219.2	1378.0	1536.9	1695.8	1834.6
40°	471.7	593.1	744.3	895.2	1044.3	1187.6	1351.4	1522.8	1695.8	1846.7	1982.0
37.5°	523.6	665.1	823.2	982.0	1135.4	1298.7	1481.1	1667.1	1834.6	1982.0	2101.6
35°	572.9	733.5	899.3	1063.4	1222.4	1414.5	1610.2	1798.3	1957.2	2091.1	2420.6
32.5°	626.8	798.3	971.4	1139.8	1322.8	1526.1	1733.6	1908.1	2059.8	2289.2	3093.8
30°	682.1	860.2	1038.7	1211.6	1419.2	1634.7	1835.6	2008.2	2152.1	2892.9	3664.3
27.5°	733.5	918.0	1100.4	1290.5	1510.2	1736.4	1926.8	2089.5	2562.7	3439.3	4166.8
25°	781.1	971.4	1157.5	1367.5	1597.6	1819.5	2007.8	2165.3	3061.7	3880.4	4421.7
22.5°	825.0	1020.3	1209.8	1438.3	1677.9	1891.9	2072.7	2538.7	3488.6	4278.5	4602.0
20°	865.0	1063.4	1263.6	1502.9	1750.8	1957.7	2131.7	2929.8	3836.5	4432.3	4774.5
17.5°	900.7	1101.9	1315.9	1562.6	1806.9	2011.8	2228.8	3281.1	4149.7	4571.0	4933.8
15°	931.8	1135.4	1361.6	1614.9	1854.4	2054.7	2514.0	3543.7	4334.3	4696.0	5075.9
12.5°	958.4	1164.0	1400.6	1659.5	1895.0	2091.3	2758.3	3762.4	4431.7	4808.3	5225.4
10°	980.2	1187.6	1432.8	1696.3	1928.4	2121.6	2960.3	3943.6	4512.5	4901.6	5349.8
7.5°	997.3	1206.0	1457.9	1725.1	1954.7	2145.3	3118.7	4085.8	4576.0	4975.1	5448.1
5°	1009.5	1219.2	1475.9	1745.8	1973.5	2162.4	3232.7	4188.2	4621.8	5028.2	5519.0
2.5°	1016.8	1227.1	1486.8	1758.2	1984.8	2172.7	3301.4	4250.0	4649.4	5060.2	5561.9
0°	1019.3	1229.8	1490.4	1762.4	1988.6	2176.1	3324.3	4270.6	4658.6	5070.9	5576.3
-2.5°	1016.8	1227.1	1486.8	1758.2	1984.8	2172.7	3301.4	4250.0	4649.4	5060.2	5561.9
-5°	1009.5	1219.2	1475.9	1745.8	1973.5	2162.4	3232.7	4188.2	4621.8	5028.2	5519.0
-7.5°	997.3	1206.0	1457.9	1725.1	1954.7	2145.3	3118.7	4085.8	4576.0	4975.1	5448.1
-10°	980.2	1187.6	1432.8	1696.3	1928.4	2121.6	2960.3	3943.6	4512.5	4901.6	5349.8
-12.5°	958.4	1164.0	1400.6	1659.5	1895.0	2091.3	2758.3	3762.4	4431.7	4808.3	5225.4
-15°	931.8	1135.4	1361.6	1614.9	1854.4	2054.7	2514.0	3543.7	4334.3	4696.0	5075.9
-17.5°	900.7	1101.9	1315.9	1562.6	1806.9	2011.8	2228.8	3281.1	4149.7	4571.0	4933.8
-20°	865.0	1063.4	1263.6	1502.9	1750.8	1957.7	2131.7	2929.8	3836.5	4432.3	4774.5



REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	825.0	1020.3	1209.8	1438.3	1677.9	1891.9	2072.7	2538.7	3488.6	4278.5	4602.0
-25°	781.1	971.4	1157.5	1367.5	1597.6	1819.5	2007.8	2165.3	3061.7	3880.4	4421.7
-27.5°	733.5	918.0	1100.4	1290.5	1510.2	1736.4	1926.8	2089.5	2562.7	3439.3	4166.8
-30°	682.1	860.2	1038.7	1211.6	1419.2	1634.7	1835.6	2008.2	2152.1	2892.9	3664.3
-32.5°	626.8	798.3	971.4	1139.8	1322.8	1526.1	1733.6	1908.1	2059.8	2289.2	3093.8
-35°	572.9	733.5	899.3	1063.4	1222.4	1414.5	1610.2	1798.3	1957.2	2091.1	2420.6
-37.5°	523.6	665.1	823.2	982.0	1135.4	1298.7	1481.1	1667.1	1834.6	1982.0	2101.6
-40°	471.7	593.1	744.3	895.2	1044.3	1187.6	1351.4	1522.8	1695.8	1846.7	1982.0
-42.5°	417.2	533.1	662.2	804.7	947.4	1085.7	1219.2	1378.0	1536.9	1695.8	1834.6
-45°	359.0	471.0	579.9	712.3	846.1	979.0	1106.6	1229.8	1378.0	1522.8	1667.1
-47.5°	298.5	406.1	509.8	616.7	742.6	867.0	989.6	1106.6	1219.2	1351.4	1481.1
-50°	239.3	337.7	437.5	533.3	636.7	752.7	867.0	979.0	1085.7	1187.6	1298.7
-52.5°	188.1	267.2	361.4	453.1	541.2	636.7	742.6	846.1	947.4	1044.3	1135.4
-55°	135.5	206.6	282.9	369.3	453.1	533.3	616.7	712.3	804.7	895.2	982.0
-57.5°	98.5	147.8	212.8	282.9	361.4	437.5	509.8	579.9	662.2	744.3	823.2
-60°	70.6	101.6	147.8	206.6	267.2	337.7	406.1	471.0	533.1	593.1	665.1
-62.5°	45.7	70.6	98.5	135.5	188.1	239.3	298.5	359.0	417.2	471.7	523.6
-65°	37.2	44.8	64.4	89.3	113.5	157.5	202.5	245.9	297.0	347.5	395.6
-67.5°	28.6	35.4	42.1	52.1	73.9	95.1	115.5	154.1	191.5	227.3	264.0
-70°	23.5	26.6	31.9	37.7	43.3	52.7	70.9	88.4	105.1	126.3	156.5
-72.5°	19.1	21.8	24.4	26.9	31.6	36.4	41.0	45.4	55.7	69.7	83.0
-75°	15.4	17.0	19.2	21.3	23.5	25.5	27.8	31.6	35.2	38.7	42.0
-77.5°	12.1	13.5	14.8	16.1	17.5	19.2	20.8	22.4	23.9	25.4	26.7
-80°	9.3	10.0	11.0	12.1	13.1	14.1	15.0	15.9	16.8	17.8	18.9
-82.5°	7.3	7.8	8.3	8.8	9.2	9.7	10.2	10.9	11.5	12.1	12.7
-85°	5.3	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.7	8.0	8.2
-87.5°	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.5
-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: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

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°	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6
85°	8.4	8.7	8.8	9.0	9.2	9.3	9.5	9.6	9.7	9.8	9.9
82.5°	13.3	13.8	14.3	14.7	15.2	15.5	15.9	16.2	16.5	16.7	16.9
80°	19.9	20.9	21.8	22.6	23.4	24.1	24.8	25.3	25.8	26.2	26.6
77.5°	28.9	31.3	33.6	35.7	37.7	39.5	41.1	42.5	43.7	44.8	45.7
75°	45.1	50.2	59.7	68.4	76.5	83.9	90.6	96.5	101.6	106.0	109.6
72.5°	95.6	107.5	121.2	141.6	160.3	177.5	192.9	206.6	218.6	228.7	237.1
70°	185.1	212.0	237.3	263.0	290.3	315.2	337.7	357.7	375.1	389.9	402.0
67.5°	304.8	343.4	379.4	413.0	443.5	471.0	495.9	518.0	537.3	553.7	567.2
65°	440.8	482.8	522.2	558.9	593.1	632.2	667.5	698.9	726.3	749.7	768.9
62.5°	572.9	626.8	682.1	733.5	781.1	825.0	865.0	900.7	931.8	958.4	980.2
60°	733.5	798.3	860.2	918.0	971.4	1020.3	1063.4	1101.9	1135.4	1164.0	1187.6
57.5°	899.3	971.4	1038.7	1100.4	1157.5	1209.8	1263.6	1315.9	1361.6	1400.6	1432.8
55°	1063.4	1139.8	1211.6	1290.5	1367.5	1438.3	1502.9	1562.6	1614.9	1659.5	1696.3
52.5°	1222.4	1322.8	1419.2	1510.2	1597.6	1677.9	1750.8	1806.9	1854.4	1895.0	1928.4
50°	1414.5	1526.1	1634.7	1736.4	1819.5	1891.9	1957.7	2011.8	2054.7	2091.3	2121.6
47.5°	1610.2	1733.6	1835.6	1926.8	2007.8	2072.7	2131.7	2228.8	2514.0	2758.3	2960.3
45°	1798.3	1908.1	2008.2	2089.5	2165.3	2538.7	2929.8	3281.1	3543.7	3762.4	3943.6
42.5°	1957.2	2059.8	2152.1	2562.7	3061.7	3488.6	3836.5	4149.7	4334.3	4431.7	4512.5
40°	2091.1	2289.2	2892.9	3439.3	3880.4	4278.5	4432.3	4571.0	4696.0	4808.3	4901.6
37.5°	2420.6	3093.8	3664.3	4166.8	4421.7	4602.0	4774.5	4933.8	5075.9	5225.4	5349.8
35°	3161.3	3778.0	4299.6	4519.2	4730.6	4936.1	5137.9	5348.7	5536.2	5738.7	5918.9
32.5°	3778.0	4323.6	4568.6	4811.3	5046.4	5310.8	5560.6	5857.8	6127.8	6452.0	6802.3
30°	4299.6	4568.6	4838.4	5109.3	5416.6	5748.2	6105.1	6575.4	7097.1	7613.1	8211.3
27.5°	4519.2	4811.3	5109.3	5452.2	5846.1	6264.0	6947.6	7650.0	8534.8	9310.9	11177.2
25°	4730.6	5046.4	5416.6	5846.1	6355.3	7137.3	8111.5	9172.2	11654.3	14077.7	18125.9
22.5°	4936.1	5310.8	5748.2	6264.0	7137.3	8267.5	9839.5	13111.7	18037.0	24255.4	31053.7
20°	5137.9	5560.6	6105.1	6947.6	8111.5	9839.5	13605.9	20471.8	28654.5	39650.8	49801.6
17.5°	5348.7	5857.8	6575.4	7650.0	9172.2	13111.7	20471.8	30756.3	44107.9	59338.2	73620.0
15°	5536.2	6127.8	7097.1	8534.8	11654.3	18037.0	28654.5	44107.9	62609.3	81490.4	99706.9
12.5°	5738.7	6452.0	7613.1	9310.9	14077.7	24255.4	39650.8	59338.2	81490.4	104131.3	123733.9
10°	5918.9	6802.3	8211.3	11177.2	18125.9	31053.7	49801.6	73620.0	99706.9	123733.9	147118.8
7.5°	6061.4	7080.1	8687.3	12673.9	22000.3	37985.3	60267.9	86947.4	114560.4	141189.2	171089.6
5°	6164.5	7281.5	9033.6	13766.1	24840.1	43095.5	68043.7	97042.8	125685.8	156727.5	190928.4
2.5°	6226.9	7403.7	9243.9	14431.1	26575.0	46230.6	72841.9	103323.4	132690.7	167154.7	205489.6
0°	6247.8	7444.6	9314.4	14654.5	27158.6	47287.7	74464.8	105457.4	135087.0	170751.0	210730.1
-2.5°	6226.9	7403.7	9243.9	14431.1	26575.0	46230.6	72841.9	103323.4	132690.7	167154.7	205489.6
-5°	6164.5	7281.5	9033.6	13766.1	24840.1	43095.5	68043.7	97042.8	125685.8	156727.5	190928.4
-7.5°	6061.4	7080.1	8687.3	12673.9	22000.3	37985.3	60267.9	86947.4	114560.4	141189.2	171089.6
-10°	5918.9	6802.3	8211.3	11177.2	18125.9	31053.7	49801.6	73620.0	99706.9	123733.9	147118.8
-12.5°	5738.7	6452.0	7613.1	9310.9	14077.7	24255.4	39650.8	59338.2	81490.4	104131.3	123733.9
-15°	5536.2	6127.8	7097.1	8534.8	11654.3	18037.0	28654.5	44107.9	62609.3	81490.4	99706.9
-17.5°	5348.7	5857.8	6575.4	7650.0	9172.2	13111.7	20471.8	30756.3	44107.9	59338.2	73620.0
-20°	5137.9	5560.6	6105.1	6947.6	8111.5	9839.5	13605.9	20471.8	28654.5	39650.8	49801.6



REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4936.1	5310.8	5748.2	6264.0	7137.3	8267.5	9839.5	13111.7	18037.0	24255.4	31053.7
-25°	4730.6	5046.4	5416.6	5846.1	6355.3	7137.3	8111.5	9172.2	11654.3	14077.7	18125.9
-27.5°	4519.2	4811.3	5109.3	5452.2	5846.1	6264.0	6947.6	7650.0	8534.8	9310.9	11177.2
-30°	4299.6	4568.6	4838.4	5109.3	5416.6	5748.2	6105.1	6575.4	7097.1	7613.1	8211.3
-32.5°	3778.0	4323.6	4568.6	4811.3	5046.4	5310.8	5560.6	5857.8	6127.8	6452.0	6802.3
-35°	3161.3	3778.0	4299.6	4519.2	4730.6	4936.1	5137.9	5348.7	5536.2	5738.7	5918.9
-37.5°	2420.6	3093.8	3664.3	4166.8	4421.7	4602.0	4774.5	4933.8	5075.9	5225.4	5349.8
-40°	2091.1	2289.2	2892.9	3439.3	3880.4	4278.5	4432.3	4571.0	4696.0	4808.3	4901.6
-42.5°	1957.2	2059.8	2152.1	2562.7	3061.7	3488.6	3836.5	4149.7	4334.3	4431.7	4512.5
-45°	1798.3	1908.1	2008.2	2089.5	2165.3	2538.7	2929.8	3281.1	3543.7	3762.4	3943.6
-47.5°	1610.2	1733.6	1835.6	1926.8	2007.8	2072.7	2131.7	2228.8	2514.0	2758.3	2960.3
-50°	1414.5	1526.1	1634.7	1736.4	1819.5	1891.9	1957.7	2011.8	2054.7	2091.3	2121.6
-52.5°	1222.4	1322.8	1419.2	1510.2	1597.6	1677.9	1750.8	1806.9	1854.4	1895.0	1928.4
-55°	1063.4	1139.8	1211.6	1290.5	1367.5	1438.3	1502.9	1562.6	1614.9	1659.5	1696.3
-57.5°	899.3	971.4	1038.7	1100.4	1157.5	1209.8	1263.6	1315.9	1361.6	1400.6	1432.8
-60°	733.5	798.3	860.2	918.0	971.4	1020.3	1063.4	1101.9	1135.4	1164.0	1187.6
-62.5°	572.9	626.8	682.1	733.5	781.1	825.0	865.0	900.7	931.8	958.4	980.2
-65°	440.8	482.8	522.2	558.9	593.1	632.2	667.5	698.9	726.3	749.7	768.9
-67.5°	304.8	343.4	379.4	413.0	443.5	471.0	495.9	518.0	537.3	553.7	567.2
-70°	185.1	212.0	237.3	263.0	290.3	315.2	337.7	357.7	375.1	389.9	402.0
-72.5°	95.6	107.5	121.2	141.6	160.3	177.5	192.9	206.6	218.6	228.7	237.1
-75°	45.1	50.2	59.7	68.4	76.5	83.9	90.6	96.5	101.6	106.0	109.6
-77.5°	28.9	31.3	33.6	35.7	37.7	39.5	41.1	42.5	43.7	44.8	45.7
-80°	19.9	20.9	21.8	22.6	23.4	24.1	24.8	25.3	25.8	26.2	26.6
-82.5°	13.3	13.8	14.3	14.7	15.2	15.5	15.9	16.2	16.5	16.7	16.9
-85°	8.4	8.7	8.8	9.0	9.2	9.3	9.5	9.6	9.7	9.8	9.9
-87.5°	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6
-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: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4
85°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.6
82.5°	17.0	17.1	17.2	17.2	17.2	17.1	17.0	16.9	16.7	16.5	16.2
80°	26.9	27.0	27.2	27.2	27.2	27.0	26.9	26.6	26.2	25.8	25.3
77.5°	46.3	46.8	47.1	47.2	47.1	46.8	46.3	45.7	44.8	43.7	42.5
75°	112.4	114.4	115.6	116.0	115.6	114.4	112.4	109.6	106.0	101.6	96.5
72.5°	243.6	248.3	251.1	252.0	251.1	248.3	243.6	237.1	228.7	218.6	206.6
70°	411.5	418.3	422.4	423.8	422.4	418.3	411.5	402.0	389.9	375.1	357.7
67.5°	577.7	585.3	589.8	591.3	589.8	585.3	577.7	567.2	553.7	537.3	518.0
65°	783.8	794.6	801.0	803.2	801.0	794.6	783.8	768.9	749.7	726.3	698.9
62.5°	997.3	1009.5	1016.8	1019.3	1016.8	1009.5	997.3	980.2	958.4	931.8	900.7
60°	1206.0	1219.2	1227.1	1229.8	1227.1	1219.2	1206.0	1187.6	1164.0	1135.4	1101.9
57.5°	1457.9	1475.9	1486.8	1490.4	1486.8	1475.9	1457.9	1432.8	1400.6	1361.6	1315.9
55°	1725.1	1745.8	1758.2	1762.4	1758.2	1745.8	1725.1	1696.3	1659.5	1614.9	1562.6
52.5°	1954.7	1973.5	1984.8	1988.6	1984.8	1973.5	1954.7	1928.4	1895.0	1854.4	1806.9
50°	2145.3	2162.4	2172.7	2176.1	2172.7	2162.4	2145.3	2121.6	2091.3	2054.7	2011.8
47.5°	3118.7	3232.7	3301.4	3324.3	3301.4	3232.7	3118.7	2960.3	2758.3	2514.0	2228.8
45°	4085.8	4188.2	4250.0	4270.6	4250.0	4188.2	4085.8	3943.6	3762.4	3543.7	3281.1
42.5°	4576.0	4621.8	4649.4	4658.6	4649.4	4621.8	4576.0	4512.5	4431.7	4334.3	4149.7
40°	4975.1	5028.2	5060.2	5070.9	5060.2	5028.2	4975.1	4901.6	4808.3	4696.0	4571.0
37.5°	5448.1	5519.0	5561.9	5576.3	5561.9	5519.0	5448.1	5349.8	5225.4	5075.9	4933.8
35°	6061.4	6164.5	6226.9	6247.8	6226.9	6164.5	6061.4	5918.9	5738.7	5536.2	5348.7
32.5°	7080.1	7281.5	7403.7	7444.6	7403.7	7281.5	7080.1	6802.3	6452.0	6127.8	5857.8
30°	8687.3	9033.6	9243.9	9314.4	9243.9	9033.6	8687.3	8211.3	7613.1	7097.1	6575.4
27.5°	12673.9	13766.1	14431.1	14654.5	14431.1	13766.1	12673.9	11177.2	9310.9	8534.8	7650.0
25°	22000.3	24840.1	26575.0	27158.6	26575.0	24840.1	22000.3	18125.9	14077.7	11654.3	9172.2
22.5°	37985.3	43095.5	46230.6	47287.7	46230.6	43095.5	37985.3	31053.7	24255.4	18037.0	13111.7
20°	60267.9	68043.7	72841.9	74464.8	72841.9	68043.7	60267.9	49801.6	39650.8	28654.5	20471.8
17.5°	86947.4	97042.8	103323.4	105457.4	103323.4	97042.8	86947.4	73620.0	59338.2	44107.9	30756.3
15°	114560.4	125685.8	132690.7	135087.0	132690.7	125685.8	114560.4	99706.9	81490.4	62609.3	44107.9
12.5°	141189.2	156727.5	167154.7	170751.0	167154.7	156727.5	141189.2	123733.9	104131.3	81490.4	59338.2
10°	171089.6	190928.4	205489.6	210730.1	205489.6	190928.4	171089.6	147118.8	123733.9	99706.9	73620.0
7.5°	200557.8	227339.6	242154.1	246552.3	242154.1	227339.6	200557.8	171089.6	141189.2	114560.4	86947.4
5°	227339.6	251277.5	264979.7	269720.1	264979.7	251277.5	227339.6	190928.4	156727.5	125685.8	97042.8
2.5°	242154.1	264979.7	283999.6	296905.9	283999.6	264979.7	242154.1	205489.6	167154.7	132690.7	103323.4
0°	246552.3	269720.1	296905.9	315016.3	296905.9	269720.1	246552.3	210730.1	170751.0	135087.0	105457.4
-2.5°	242154.1	264979.7	283999.6	296905.9	283999.6	264979.7	242154.1	205489.6	167154.7	132690.7	103323.4
-5°	227339.6	251277.5	264979.7	269720.1	264979.7	251277.5	227339.6	190928.4	156727.5	125685.8	97042.8
-7.5°	200557.8	227339.6	242154.1	246552.3	242154.1	227339.6	200557.8	171089.6	141189.2	114560.4	86947.4
-10°	171089.6	190928.4	205489.6	210730.1	205489.6	190928.4	171089.6	147118.8	123733.9	99706.9	73620.0
-12.5°	141189.2	156727.5	167154.7	170751.0	167154.7	156727.5	141189.2	123733.9	104131.3	81490.4	59338.2
-15°	114560.4	125685.8	132690.7	135087.0	132690.7	125685.8	114560.4	99706.9	81490.4	62609.3	44107.9
-17.5°	86947.4	97042.8	103323.4	105457.4	103323.4	97042.8	86947.4	73620.0	59338.2	44107.9	30756.3
-20°	60267.9	68043.7	72841.9	74464.8	72841.9	68043.7	60267.9	49801.6	39650.8	28654.5	20471.8



REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	37985.3	43095.5	46230.6	47287.7	46230.6	43095.5	37985.3	31053.7	24255.4	18037.0	13111.7
-25°	22000.3	24840.1	26575.0	27158.6	26575.0	24840.1	22000.3	18125.9	14077.7	11654.3	9172.2
-27.5°	12673.9	13766.1	14431.1	14654.5	14431.1	13766.1	12673.9	11177.2	9310.9	8534.8	7650.0
-30°	8687.3	9033.6	9243.9	9314.4	9243.9	9033.6	8687.3	8211.3	7613.1	7097.1	6575.4
-32.5°	7080.1	7281.5	7403.7	7444.6	7403.7	7281.5	7080.1	6802.3	6452.0	6127.8	5857.8
-35°	6061.4	6164.5	6226.9	6247.8	6226.9	6164.5	6061.4	5918.9	5738.7	5536.2	5348.7
-37.5°	5448.1	5519.0	5561.9	5576.3	5561.9	5519.0	5448.1	5349.8	5225.4	5075.9	4933.8
-40°	4975.1	5028.2	5060.2	5070.9	5060.2	5028.2	4975.1	4901.6	4808.3	4696.0	4571.0
-42.5°	4576.0	4621.8	4649.4	4658.6	4649.4	4621.8	4576.0	4512.5	4431.7	4334.3	4149.7
-45°	4085.8	4188.2	4250.0	4270.6	4250.0	4188.2	4085.8	3943.6	3762.4	3543.7	3281.1
-47.5°	3118.7	3232.7	3301.4	3324.3	3301.4	3232.7	3118.7	2960.3	2758.3	2514.0	2228.8
-50°	2145.3	2162.4	2172.7	2176.1	2172.7	2162.4	2145.3	2121.6	2091.3	2054.7	2011.8
-52.5°	1954.7	1973.5	1984.8	1988.6	1984.8	1973.5	1954.7	1928.4	1895.0	1854.4	1806.9
-55°	1725.1	1745.8	1758.2	1762.4	1758.2	1745.8	1725.1	1696.3	1659.5	1614.9	1562.6
-57.5°	1457.9	1475.9	1486.8	1490.4	1486.8	1475.9	1457.9	1432.8	1400.6	1361.6	1315.9
-60°	1206.0	1219.2	1227.1	1229.8	1227.1	1219.2	1206.0	1187.6	1164.0	1135.4	1101.9
-62.5°	997.3	1009.5	1016.8	1019.3	1016.8	1009.5	997.3	980.2	958.4	931.8	900.7
-65°	783.8	794.6	801.0	803.2	801.0	794.6	783.8	768.9	749.7	726.3	698.9
-67.5°	577.7	585.3	589.8	591.3	589.8	585.3	577.7	567.2	553.7	537.3	518.0
-70°	411.5	418.3	422.4	423.8	422.4	418.3	411.5	402.0	389.9	375.1	357.7
-72.5°	243.6	248.3	251.1	252.0	251.1	248.3	243.6	237.1	228.7	218.6	206.6
-75°	112.4	114.4	115.6	116.0	115.6	114.4	112.4	109.6	106.0	101.6	96.5
-77.5°	46.3	46.8	47.1	47.2	47.1	46.8	46.3	45.7	44.8	43.7	42.5
-80°	26.9	27.0	27.2	27.2	27.2	27.0	26.9	26.6	26.2	25.8	25.3
-82.5°	17.0	17.1	17.2	17.2	17.2	17.1	17.0	16.9	16.7	16.5	16.2
-85°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.6
-87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4
-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: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

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°	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.0
85°	9.5	9.3	9.2	9.0	8.8	8.7	8.4	8.2	8.0	7.7	7.5
82.5°	15.9	15.5	15.2	14.7	14.3	13.8	13.3	12.7	12.1	11.5	10.9
80°	24.8	24.1	23.4	22.6	21.8	20.9	19.9	18.9	17.8	16.8	15.9
77.5°	41.1	39.5	37.7	35.7	33.6	31.3	28.9	26.7	25.4	23.9	22.4
75°	90.6	83.9	76.5	68.4	59.7	50.2	45.1	42.0	38.7	35.2	31.6
72.5°	192.9	177.5	160.3	141.6	121.2	107.5	95.6	83.0	69.7	55.7	45.4
70°	337.7	315.2	290.3	263.0	237.3	212.0	185.1	156.5	126.3	105.1	88.4
67.5°	495.9	471.0	443.5	413.0	379.4	343.4	304.8	264.0	227.3	191.5	154.1
65°	667.5	632.2	593.1	558.9	522.2	482.8	440.8	395.6	347.5	297.0	245.9
62.5°	865.0	825.0	781.1	733.5	682.1	626.8	572.9	523.6	471.7	417.2	359.0
60°	1063.4	1020.3	971.4	918.0	860.2	798.3	733.5	665.1	593.1	533.1	471.0
57.5°	1263.6	1209.8	1157.5	1100.4	1038.7	971.4	899.3	823.2	744.3	662.2	579.9
55°	1502.9	1438.3	1367.5	1290.5	1211.6	1139.8	1063.4	982.0	895.2	804.7	712.3
52.5°	1750.8	1677.9	1597.6	1510.2	1419.2	1322.8	1222.4	1135.4	1044.3	947.4	846.1
50°	1957.7	1891.9	1819.5	1736.4	1634.7	1526.1	1414.5	1298.7	1187.6	1085.7	979.0
47.5°	2131.7	2072.7	2007.8	1926.8	1835.6	1733.6	1610.2	1481.1	1351.4	1219.2	1106.6
45°	2929.8	2538.7	2165.3	2089.5	2008.2	1908.1	1798.3	1667.1	1522.8	1378.0	1229.8
42.5°	3836.5	3488.6	3061.7	2562.7	2152.1	2059.8	1957.2	1834.6	1695.8	1536.9	1378.0
40°	4432.3	4278.5	3880.4	3439.3	2892.9	2289.2	2091.1	1982.0	1846.7	1695.8	1522.8
37.5°	4774.5	4602.0	4421.7	4166.8	3664.3	3093.8	2420.6	2101.6	1982.0	1834.6	1667.1
35°	5137.9	4936.1	4730.6	4519.2	4299.6	3778.0	3161.3	2420.6	2091.1	1957.2	1798.3
32.5°	5560.6	5310.8	5046.4	4811.3	4568.6	4323.6	3778.0	3093.8	2289.2	2059.8	1908.1
30°	6105.1	5748.2	5416.6	5109.3	4838.4	4568.6	4299.6	3664.3	2892.9	2152.1	2008.2
27.5°	6947.6	6264.0	5846.1	5452.2	5109.3	4811.3	4519.2	4166.8	3439.3	2562.7	2089.5
25°	8111.5	7137.3	6355.3	5846.1	5416.6	5046.4	4730.6	4421.7	3880.4	3061.7	2165.3
22.5°	9839.5	8267.5	7137.3	6264.0	5748.2	5310.8	4936.1	4602.0	4278.5	3488.6	2538.7
20°	13605.9	9839.5	8111.5	6947.6	6105.1	5560.6	5137.9	4774.5	4432.3	3836.5	2929.8
17.5°	20471.8	13111.7	9172.2	7650.0	6575.4	5857.8	5348.7	4933.8	4571.0	4149.7	3281.1
15°	28654.5	18037.0	11654.3	8534.8	7097.1	6127.8	5536.2	5075.9	4696.0	4334.3	3543.7
12.5°	39650.8	24255.4	14077.7	9310.9	7613.1	6452.0	5738.7	5225.4	4808.3	4431.7	3762.4
10°	49801.6	31053.7	18125.9	11177.2	8211.3	6802.3	5918.9	5349.8	4901.6	4512.5	3943.6
7.5°	60267.9	37985.3	22000.3	12673.9	8687.3	7080.1	6061.4	5448.1	4975.1	4576.0	4085.8
5°	68043.7	43095.5	24840.1	13766.1	9033.6	7281.5	6164.5	5519.0	5028.2	4621.8	4188.2
2.5°	72841.9	46230.6	26575.0	14431.1	9243.9	7403.7	6226.9	5561.9	5060.2	4649.4	4250.0
0°	74464.8	47287.7	27158.6	14654.5	9314.4	7444.6	6247.8	5576.3	5070.9	4658.6	4270.6
-2.5°	72841.9	46230.6	26575.0	14431.1	9243.9	7403.7	6226.9	5561.9	5060.2	4649.4	4250.0
-5°	68043.7	43095.5	24840.1	13766.1	9033.6	7281.5	6164.5	5519.0	5028.2	4621.8	4188.2
-7.5°	60267.9	37985.3	22000.3	12673.9	8687.3	7080.1	6061.4	5448.1	4975.1	4576.0	4085.8
-10°	49801.6	31053.7	18125.9	11177.2	8211.3	6802.3	5918.9	5349.8	4901.6	4512.5	3943.6
-12.5°	39650.8	24255.4	14077.7	9310.9	7613.1	6452.0	5738.7	5225.4	4808.3	4431.7	3762.4
-15°	28654.5	18037.0	11654.3	8534.8	7097.1	6127.8	5536.2	5075.9	4696.0	4334.3	3543.7
-17.5°	20471.8	13111.7	9172.2	7650.0	6575.4	5857.8	5348.7	4933.8	4571.0	4149.7	3281.1
-20°	13605.9	9839.5	8111.5	6947.6	6105.1	5560.6	5137.9	4774.5	4432.3	3836.5	2929.8



REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9839.5	8267.5	7137.3	6264.0	5748.2	5310.8	4936.1	4602.0	4278.5	3488.6	2538.7
-25°	8111.5	7137.3	6355.3	5846.1	5416.6	5046.4	4730.6	4421.7	3880.4	3061.7	2165.3
-27.5°	6947.6	6264.0	5846.1	5452.2	5109.3	4811.3	4519.2	4166.8	3439.3	2562.7	2089.5
-30°	6105.1	5748.2	5416.6	5109.3	4838.4	4568.6	4299.6	3664.3	2892.9	2152.1	2008.2
-32.5°	5560.6	5310.8	5046.4	4811.3	4568.6	4323.6	3778.0	3093.8	2289.2	2059.8	1908.1
-35°	5137.9	4936.1	4730.6	4519.2	4299.6	3778.0	3161.3	2420.6	2091.1	1957.2	1798.3
-37.5°	4774.5	4602.0	4421.7	4166.8	3664.3	3093.8	2420.6	2101.6	1982.0	1834.6	1667.1
-40°	4432.3	4278.5	3880.4	3439.3	2892.9	2289.2	2091.1	1982.0	1846.7	1695.8	1522.8
-42.5°	3836.5	3488.6	3061.7	2562.7	2152.1	2059.8	1957.2	1834.6	1695.8	1536.9	1378.0
-45°	2929.8	2538.7	2165.3	2089.5	2008.2	1908.1	1798.3	1667.1	1522.8	1378.0	1229.8
-47.5°	2131.7	2072.7	2007.8	1926.8	1835.6	1733.6	1610.2	1481.1	1351.4	1219.2	1106.6
-50°	1957.7	1891.9	1819.5	1736.4	1634.7	1526.1	1414.5	1298.7	1187.6	1085.7	979.0
-52.5°	1750.8	1677.9	1597.6	1510.2	1419.2	1322.8	1222.4	1135.4	1044.3	947.4	846.1
-55°	1502.9	1438.3	1367.5	1290.5	1211.6	1139.8	1063.4	982.0	895.2	804.7	712.3
-57.5°	1263.6	1209.8	1157.5	1100.4	1038.7	971.4	899.3	823.2	744.3	662.2	579.9
-60°	1063.4	1020.3	971.4	918.0	860.2	798.3	733.5	665.1	593.1	533.1	471.0
-62.5°	865.0	825.0	781.1	733.5	682.1	626.8	572.9	523.6	471.7	417.2	359.0
-65°	667.5	632.2	593.1	558.9	522.2	482.8	440.8	395.6	347.5	297.0	245.9
-67.5°	495.9	471.0	443.5	413.0	379.4	343.4	304.8	264.0	227.3	191.5	154.1
-70°	337.7	315.2	290.3	263.0	237.3	212.0	185.1	156.5	126.3	105.1	88.4
-72.5°	192.9	177.5	160.3	141.6	121.2	107.5	95.6	83.0	69.7	55.7	45.4
-75°	90.6	83.9	76.5	68.4	59.7	50.2	45.1	42.0	38.7	35.2	31.6
-77.5°	41.1	39.5	37.7	35.7	33.6	31.3	28.9	26.7	25.4	23.9	22.4
-80°	24.8	24.1	23.4	22.6	21.8	20.9	19.9	18.9	17.8	16.8	15.9
-82.5°	15.9	15.5	15.2	14.7	14.3	13.8	13.3	12.7	12.1	11.5	10.9
-85°	9.5	9.3	9.2	9.0	8.8	8.7	8.4	8.2	8.0	7.7	7.5
-87.5°	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.0
-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: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

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°	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	1.9	1.7
85°	7.2	6.9	6.6	6.3	6.0	5.7	5.3	4.8	4.4	3.9	3.4
82.5°	10.2	9.7	9.2	8.8	8.3	7.8	7.3	6.8	6.3	5.8	5.1
80°	15.0	14.1	13.1	12.1	11.0	10.0	9.3	8.6	8.0	7.3	6.5
77.5°	20.8	19.2	17.5	16.1	14.8	13.5	12.1	10.7	9.6	8.7	7.8
75°	27.8	25.5	23.5	21.3	19.2	17.0	15.4	13.7	12.0	10.2	9.1
72.5°	41.0	36.4	31.6	26.9	24.4	21.8	19.1	16.6	14.6	12.6	10.5
70°	70.9	52.7	43.3	37.7	31.9	26.6	23.5	20.4	17.3	14.9	12.6
67.5°	115.5	95.1	73.9	52.1	42.1	35.4	28.6	24.4	20.9	17.3	14.6
65°	202.5	157.5	113.5	89.3	64.4	44.8	37.2	29.5	24.4	20.4	16.6
62.5°	298.5	239.3	188.1	135.5	98.5	70.6	45.7	37.2	28.6	23.5	19.1
60°	406.1	337.7	267.2	206.6	147.8	101.6	70.6	44.8	35.4	26.6	21.8
57.5°	509.8	437.5	361.4	282.9	212.8	147.8	98.5	64.4	42.1	31.9	24.4
55°	616.7	533.3	453.1	369.3	282.9	206.6	135.5	89.3	52.1	37.7	26.9
52.5°	742.6	636.7	541.2	453.1	361.4	267.2	188.1	113.5	73.9	43.3	31.6
50°	867.0	752.7	636.7	533.3	437.5	337.7	239.3	157.5	95.1	52.7	36.4
47.5°	989.6	867.0	742.6	616.7	509.8	406.1	298.5	202.5	115.5	70.9	41.0
45°	1106.6	979.0	846.1	712.3	579.9	471.0	359.0	245.9	154.1	88.4	45.4
42.5°	1219.2	1085.7	947.4	804.7	662.2	533.1	417.2	297.0	191.5	105.1	55.7
40°	1351.4	1187.6	1044.3	895.2	744.3	593.1	471.7	347.5	227.3	126.3	69.7
37.5°	1481.1	1298.7	1135.4	982.0	823.2	665.1	523.6	395.6	264.0	156.5	83.0
35°	1610.2	1414.5	1222.4	1063.4	899.3	733.5	572.9	440.8	304.8	185.1	95.6
32.5°	1733.6	1526.1	1322.8	1139.8	971.4	798.3	626.8	482.8	343.4	212.0	107.5
30°	1835.6	1634.7	1419.2	1211.6	1038.7	860.2	682.1	522.2	379.4	237.3	121.2
27.5°	1926.8	1736.4	1510.2	1290.5	1100.4	918.0	733.5	558.9	413.0	263.0	141.6
25°	2007.8	1819.5	1597.6	1367.5	1157.5	971.4	781.1	593.1	443.5	290.3	160.3
22.5°	2072.7	1891.9	1677.9	1438.3	1209.8	1020.3	825.0	632.2	471.0	315.2	177.5
20°	2131.7	1957.7	1750.8	1502.9	1263.6	1063.4	865.0	667.5	495.9	337.7	192.9
17.5°	2228.8	2011.8	1806.9	1562.6	1315.9	1101.9	900.7	698.9	518.0	357.7	206.6
15°	2514.0	2054.7	1854.4	1614.9	1361.6	1135.4	931.8	726.3	537.3	375.1	218.6
12.5°	2758.3	2091.3	1895.0	1659.5	1400.6	1164.0	958.4	749.7	553.7	389.9	228.7
10°	2960.3	2121.6	1928.4	1696.3	1432.8	1187.6	980.2	768.9	567.2	402.0	237.1
7.5°	3118.7	2145.3	1954.7	1725.1	1457.9	1206.0	997.3	783.8	577.7	411.5	243.6
5°	3232.7	2162.4	1973.5	1745.8	1475.9	1219.2	1009.5	794.6	585.3	418.3	248.3
2.5°	3301.4	2172.7	1984.8	1758.2	1486.8	1227.1	1016.8	801.0	589.8	422.4	251.1
0°	3324.3	2176.1	1988.6	1762.4	1490.4	1229.8	1019.3	803.2	591.3	423.8	252.0
-2.5°	3301.4	2172.7	1984.8	1758.2	1486.8	1227.1	1016.8	801.0	589.8	422.4	251.1
-5°	3232.7	2162.4	1973.5	1745.8	1475.9	1219.2	1009.5	794.6	585.3	418.3	248.3
-7.5°	3118.7	2145.3	1954.7	1725.1	1457.9	1206.0	997.3	783.8	577.7	411.5	243.6
-10°	2960.3	2121.6	1928.4	1696.3	1432.8	1187.6	980.2	768.9	567.2	402.0	237.1
-12.5°	2758.3	2091.3	1895.0	1659.5	1400.6	1164.0	958.4	749.7	553.7	389.9	228.7
-15°	2514.0	2054.7	1854.4	1614.9	1361.6	1135.4	931.8	726.3	537.3	375.1	218.6
-17.5°	2228.8	2011.8	1806.9	1562.6	1315.9	1101.9	900.7	698.9	518.0	357.7	206.6
-20°	2131.7	1957.7	1750.8	1502.9	1263.6	1063.4	865.0	667.5	495.9	337.7	192.9



REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2072.7	1891.9	1677.9	1438.3	1209.8	1020.3	825.0	632.2	471.0	315.2	177.5
-25°	2007.8	1819.5	1597.6	1367.5	1157.5	971.4	781.1	593.1	443.5	290.3	160.3
-27.5°	1926.8	1736.4	1510.2	1290.5	1100.4	918.0	733.5	558.9	413.0	263.0	141.6
-30°	1835.6	1634.7	1419.2	1211.6	1038.7	860.2	682.1	522.2	379.4	237.3	121.2
-32.5°	1733.6	1526.1	1322.8	1139.8	971.4	798.3	626.8	482.8	343.4	212.0	107.5
-35°	1610.2	1414.5	1222.4	1063.4	899.3	733.5	572.9	440.8	304.8	185.1	95.6
-37.5°	1481.1	1298.7	1135.4	982.0	823.2	665.1	523.6	395.6	264.0	156.5	83.0
-40°	1351.4	1187.6	1044.3	895.2	744.3	593.1	471.7	347.5	227.3	126.3	69.7
-42.5°	1219.2	1085.7	947.4	804.7	662.2	533.1	417.2	297.0	191.5	105.1	55.7
-45°	1106.6	979.0	846.1	712.3	579.9	471.0	359.0	245.9	154.1	88.4	45.4
-47.5°	989.6	867.0	742.6	616.7	509.8	406.1	298.5	202.5	115.5	70.9	41.0
-50°	867.0	752.7	636.7	533.3	437.5	337.7	239.3	157.5	95.1	52.7	36.4
-52.5°	742.6	636.7	541.2	453.1	361.4	267.2	188.1	113.5	73.9	43.3	31.6
-55°	616.7	533.3	453.1	369.3	282.9	206.6	135.5	89.3	52.1	37.7	26.9
-57.5°	509.8	437.5	361.4	282.9	212.8	147.8	98.5	64.4	42.1	31.9	24.4
-60°	406.1	337.7	267.2	206.6	147.8	101.6	70.6	44.8	35.4	26.6	21.8
-62.5°	298.5	239.3	188.1	135.5	98.5	70.6	45.7	37.2	28.6	23.5	19.1
-65°	202.5	157.5	113.5	89.3	64.4	44.8	37.2	29.5	24.4	20.4	16.6
-67.5°	115.5	95.1	73.9	52.1	42.1	35.4	28.6	24.4	20.9	17.3	14.6
-70°	70.9	52.7	43.3	37.7	31.9	26.6	23.5	20.4	17.3	14.9	12.6
-72.5°	41.0	36.4	31.6	26.9	24.4	21.8	19.1	16.6	14.6	12.6	10.5
-75°	27.8	25.5	23.5	21.3	19.2	17.0	15.4	13.7	12.0	10.2	9.1
-77.5°	20.8	19.2	17.5	16.1	14.8	13.5	12.1	10.7	9.6	8.7	7.8
-80°	15.0	14.1	13.1	12.1	11.0	10.0	9.3	8.6	8.0	7.3	6.5
-82.5°	10.2	9.7	9.2	8.8	8.3	7.8	7.3	6.8	6.3	5.8	5.1
-85°	7.2	6.9	6.6	6.3	6.0	5.7	5.3	4.8	4.4	3.9	3.4
-87.5°	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	1.9	1.7
-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: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

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°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
82.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
80°	5.8	4.9	3.9	3.0	2.0	1.0	0.0
77.5°	6.9	6.0	4.9	3.7	2.5	1.2	0.0
75°	8.0	6.9	5.8	4.4	2.9	1.5	0.0
72.5°	9.1	7.8	6.5	5.1	3.4	1.7	0.0
70°	10.2	8.7	7.3	5.8	3.9	1.9	0.0
67.5°	12.0	9.6	8.0	6.3	4.4	2.2	0.0
65°	13.7	10.7	8.6	6.8	4.8	2.4	0.0
62.5°	15.4	12.1	9.3	7.3	5.3	2.6	0.0
60°	17.0	13.5	10.0	7.8	5.7	2.8	0.0
57.5°	19.2	14.8	11.0	8.3	6.0	3.1	0.0
55°	21.3	16.1	12.1	8.8	6.3	3.3	0.0
52.5°	23.5	17.5	13.1	9.2	6.6	3.5	0.0
50°	25.5	19.2	14.1	9.7	6.9	3.7	0.0
47.5°	27.8	20.8	15.0	10.2	7.2	3.9	0.0
45°	31.6	22.4	15.9	10.9	7.5	4.0	0.0
42.5°	35.2	23.9	16.8	11.5	7.7	4.2	0.0
40°	38.7	25.4	17.8	12.1	8.0	4.4	0.0
37.5°	42.0	26.7	18.9	12.7	8.2	4.5	0.0
35°	45.1	28.9	19.9	13.3	8.4	4.7	0.0
32.5°	50.2	31.3	20.9	13.8	8.7	4.8	0.0
30°	59.7	33.6	21.8	14.3	8.8	4.9	0.0
27.5°	68.4	35.7	22.6	14.7	9.0	5.1	0.0
25°	76.5	37.7	23.4	15.2	9.2	5.2	0.0
22.5°	83.9	39.5	24.1	15.5	9.3	5.3	0.0
20°	90.6	41.1	24.8	15.9	9.5	5.4	0.0
17.5°	96.5	42.5	25.3	16.2	9.6	5.4	0.0
15°	101.6	43.7	25.8	16.5	9.7	5.5	0.0
12.5°	106.0	44.8	26.2	16.7	9.8	5.6	0.0
10°	109.6	45.7	26.6	16.9	9.9	5.6	0.0
7.5°	112.4	46.3	26.9	17.0	9.9	5.7	0.0
5°	114.4	46.8	27.0	17.1	10.0	5.7	0.0
2.5°	115.6	47.1	27.2	17.2	10.0	5.7	0.0
0°	116.0	47.2	27.2	17.2	10.0	5.7	0.0
-2.5°	115.6	47.1	27.2	17.2	10.0	5.7	0.0
-5°	114.4	46.8	27.0	17.1	10.0	5.7	0.0
-7.5°	112.4	46.3	26.9	17.0	9.9	5.7	0.0
-10°	109.6	45.7	26.6	16.9	9.9	5.6	0.0
-12.5°	106.0	44.8	26.2	16.7	9.8	5.6	0.0
-15°	101.6	43.7	25.8	16.5	9.7	5.5	0.0
-17.5°	96.5	42.5	25.3	16.2	9.6	5.4	0.0
-20°	90.6	41.1	24.8	15.9	9.5	5.4	0.0



REPORT NUMBER: P1305949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.9	39.5	24.1	15.5	9.3	5.3	0.0
-25°	76.5	37.7	23.4	15.2	9.2	5.2	0.0
-27.5°	68.4	35.7	22.6	14.7	9.0	5.1	0.0
-30°	59.7	33.6	21.8	14.3	8.8	4.9	0.0
-32.5°	50.2	31.3	20.9	13.8	8.7	4.8	0.0
-35°	45.1	28.9	19.9	13.3	8.4	4.7	0.0
-37.5°	42.0	26.7	18.9	12.7	8.2	4.5	0.0
-40°	38.7	25.4	17.8	12.1	8.0	4.4	0.0
-42.5°	35.2	23.9	16.8	11.5	7.7	4.2	0.0
-45°	31.6	22.4	15.9	10.9	7.5	4.0	0.0
-47.5°	27.8	20.8	15.0	10.2	7.2	3.9	0.0
-50°	25.5	19.2	14.1	9.7	6.9	3.7	0.0
-52.5°	23.5	17.5	13.1	9.2	6.6	3.5	0.0
-55°	21.3	16.1	12.1	8.8	6.3	3.3	0.0
-57.5°	19.2	14.8	11.0	8.3	6.0	3.1	0.0
-60°	17.0	13.5	10.0	7.8	5.7	2.8	0.0
-62.5°	15.4	12.1	9.3	7.3	5.3	2.6	0.0
-65°	13.7	10.7	8.6	6.8	4.8	2.4	0.0
-67.5°	12.0	9.6	8.0	6.3	4.4	2.2	0.0
-70°	10.2	8.7	7.3	5.8	3.9	1.9	0.0
-72.5°	9.1	7.8	6.5	5.1	3.4	1.7	0.0
-75°	8.0	6.9	5.8	4.4	2.9	1.5	0.0
-77.5°	6.9	6.0	4.9	3.7	2.5	1.2	0.0
-80°	5.8	4.9	3.9	3.0	2.0	1.0	0.0
-82.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
-85°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)