

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: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-3S-HEG-A**

Issue Date: 2/3/2026

Test Information

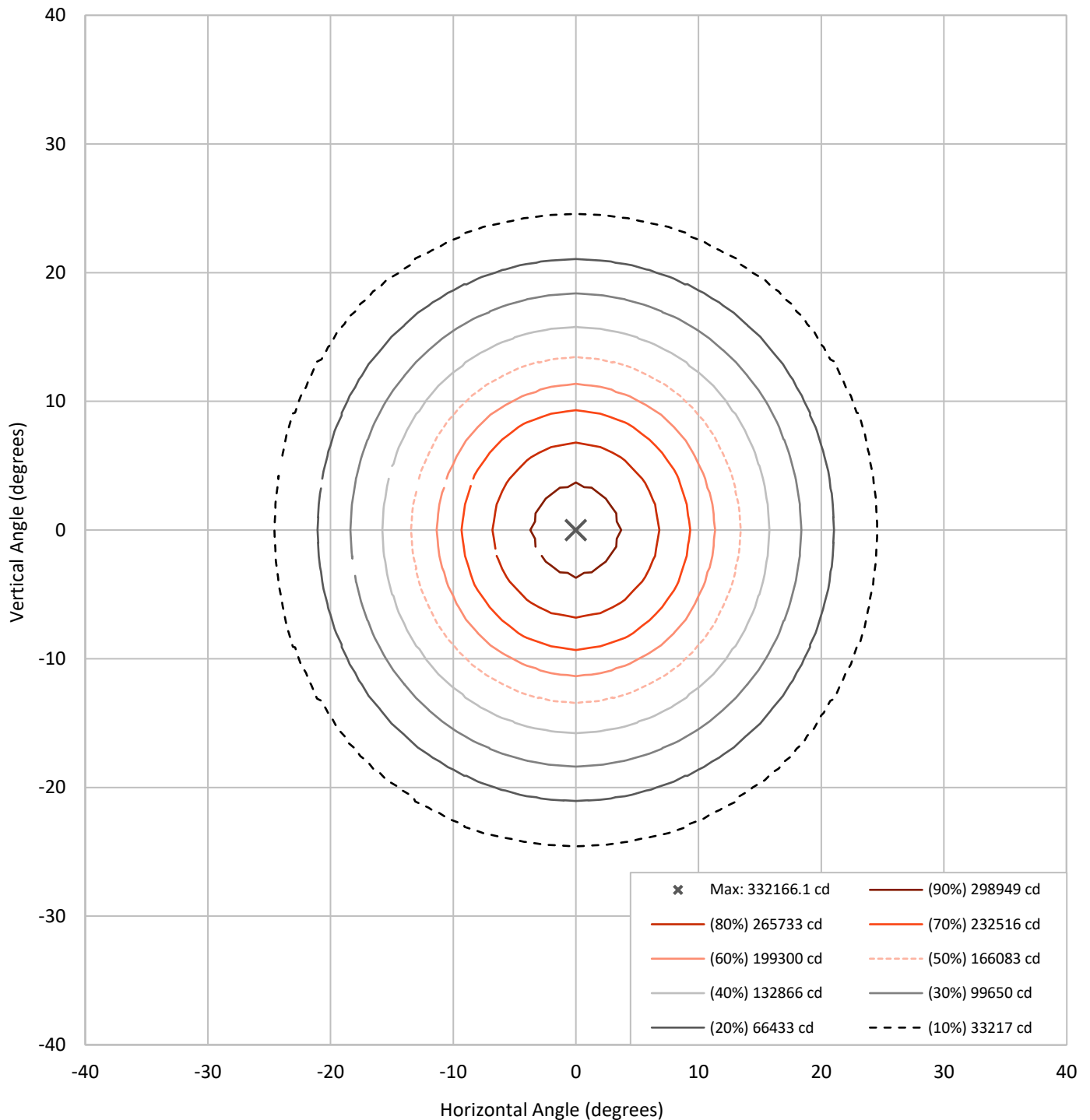
Test Method: LM-79-08
Report Number: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-3S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 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:	89713.6 lumens	Max Intensity:	332166.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	161.9 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:	38898.4 lumens	Field Lumens:	74471.1 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: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

Iso-Candela Plot





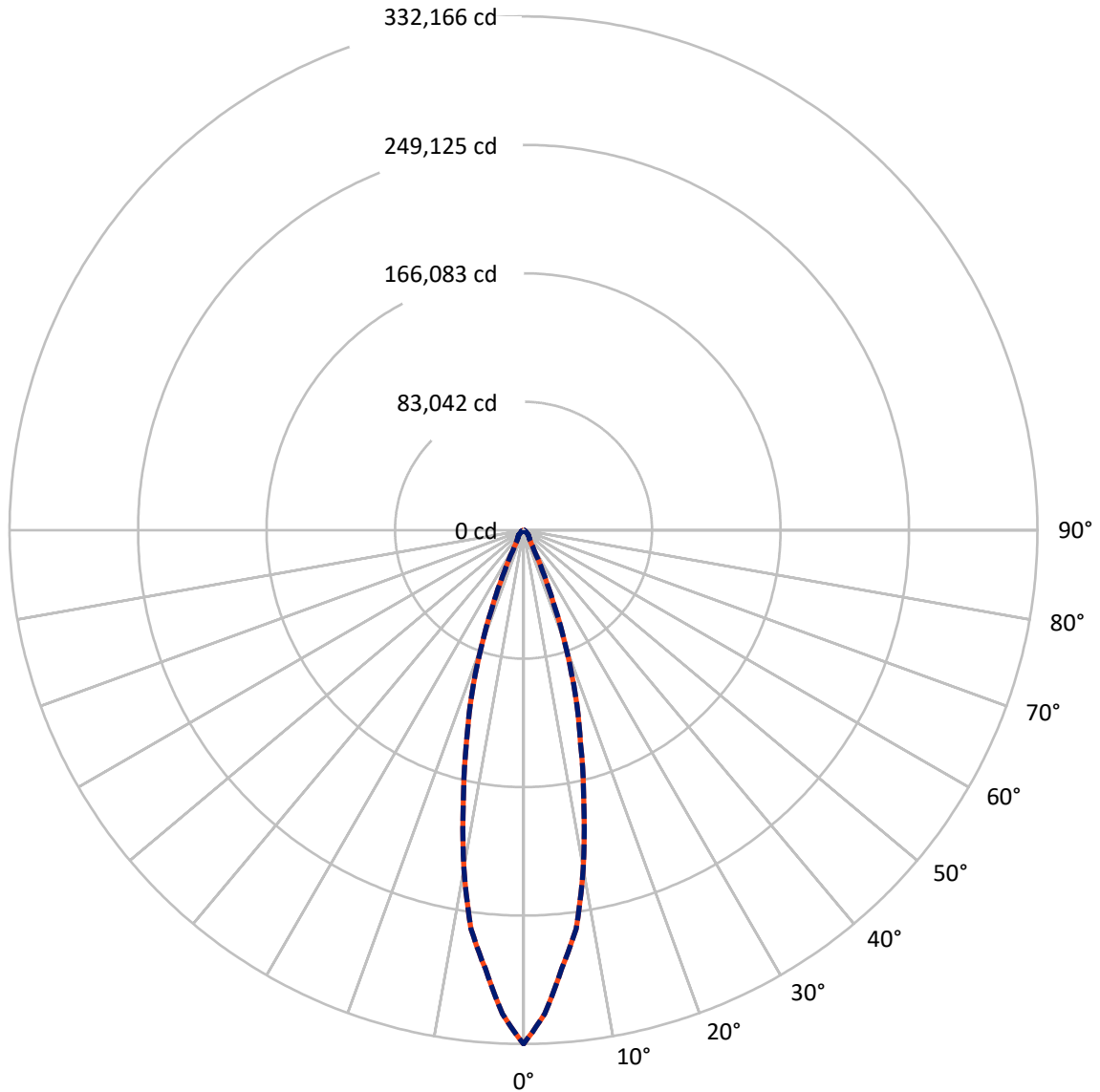
REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

Lumen Table

90	0.1	0.8		3.1		8.1		10.8		8.1		3.1		0.8		0.1			
80	0.1	0.8		3.1		8.1		10.8		8.1		3.1		0.8		0.1			
70	0.4	0.5	2.0	6.0	11.7	17.8	22.8	25.5	25.5	22.8	17.8	11.7	6.0	2.0	0.5	0.4			
60		1.5	6.9	16.4	28.0	40.0	49.6	54.8	54.8	49.6	40.0	28.0	16.4	6.9	1.5				
50	1.0	3.7	13.4	28.4	47.0	74.0	105.9	124.2	124.2	105.9	74.0	47.0	28.4	13.4	3.7	1.0			
40		6.2	19.8	40.7	82.9	136.6	175.7	206.4	206.4	175.7	136.6	82.9	40.7	19.8	6.2				
30	2.4	8.5	25.6	58.2	123.6	195.7	452.6	930.8	930.8	452.6	195.7	123.6	58.2	25.6	8.5	2.4			
20		10.3	29.8	78.4	149.5	427.2	1980.0	3965.0	3965.0	1980.0	427.2	149.5	78.4	29.8	10.3				
10	3.0	11.2	31.9	89.1	170.6	856.9	3856.5	7605.8	7605.8	3856.5	856.9	170.6	89.1	31.9	11.2	3.0			
0		11.2	31.9	89.1	170.6	856.9	3856.5	7605.8	7605.8	3856.5	856.9	170.6	89.1	31.9	11.2				
-10	2.4	10.3	29.8	78.4	149.5	427.2	1980.0	3965.0	3965.0	1980.0	427.2	149.5	78.4	29.8	10.3	2.4			
-20		8.5	25.6	58.2	123.6	195.7	452.6	930.8	930.8	452.6	195.7	123.6	58.2	25.6	8.5				
-30	1.0	6.2	19.8	40.7	82.9	136.6	175.7	206.4	206.4	175.7	136.6	82.9	40.7	19.8	6.2	1.0			
-40		3.7	13.4	28.4	47.0	74.0	105.9	124.2	124.2	105.9	74.0	47.0	28.4	13.4	3.7				
-50	0.4	1.5	6.9	16.4	28.0	40.0	49.6	54.8	54.8	49.6	40.0	28.0	16.4	6.9	1.5	0.4			
-60		0.5	2.0	6.0	11.7	17.8	22.8	25.5	25.5	22.8	17.8	11.7	6.0	2.0	0.5				
-70	0.1	0.8		3.1		8.1		10.8		8.1		3.1		0.8		0.1			
-80		0.8		3.1		8.1		10.8		8.1		3.1		0.8					
-90	0.1	0.8		3.1		8.1		10.8		8.1		3.1		0.8		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

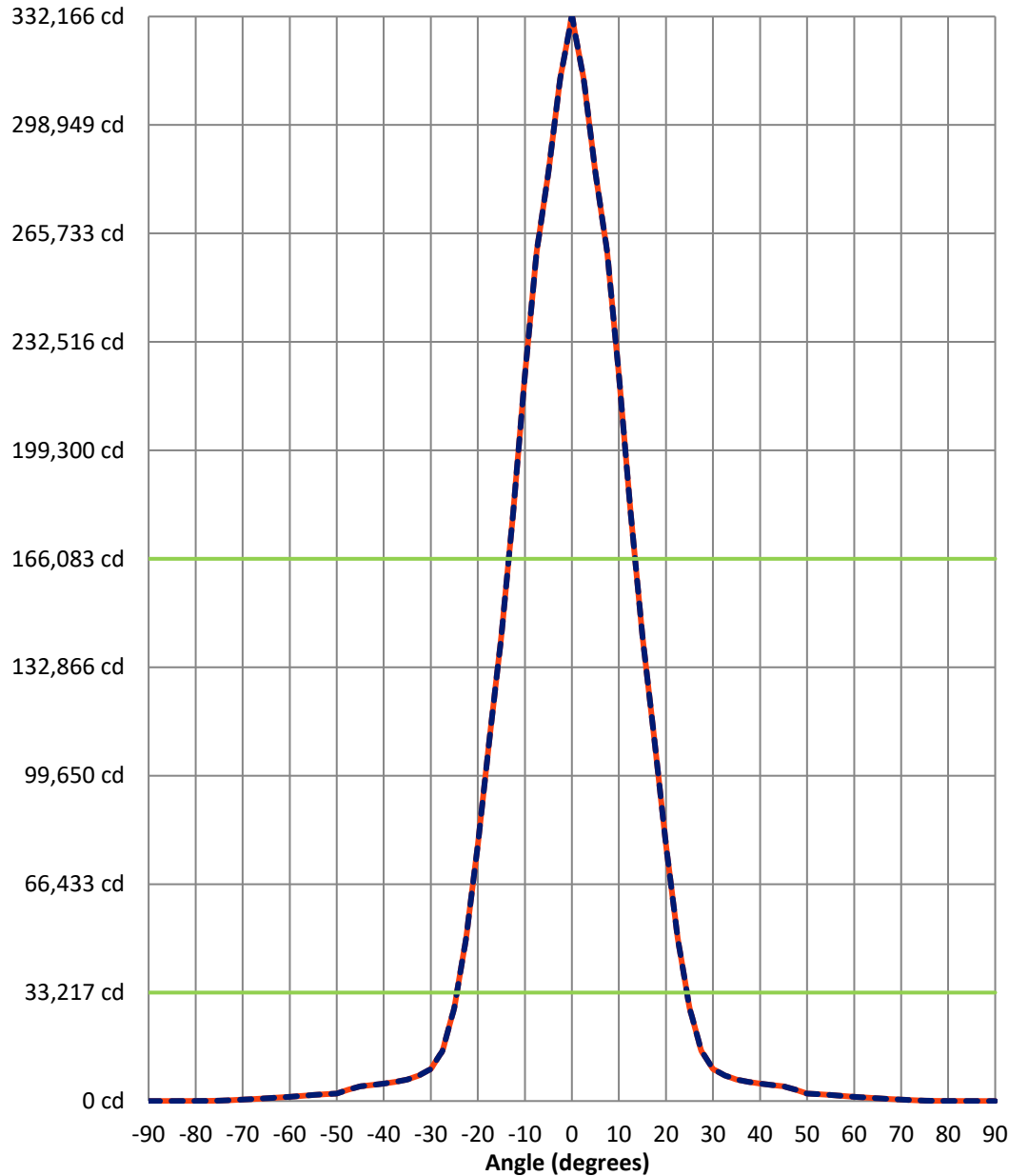
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

Luminous Intensity Plot



Beam:
 H Angle: 26.9°
 V Angle: 26.9°
 Lumens: 38898.4
 Efficiency: 43.4%

Field:
 H Angle: 48.9°
 V Angle: 48.9°
 Lumens: 74471.1
 Efficiency: 83.0%

Spill:
 Lumens: 15242.5
 Efficiency: 17.0%

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

REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-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	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.7	7.2
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.1	6.9	7.7	8.4	9.1
77.5°	0.0	1.3	2.6	3.9	5.2	6.3	7.3	8.3	9.2	10.1	11.3
75°	0.0	1.6	3.1	4.6	6.1	7.3	8.5	9.6	10.8	12.7	14.4
72.5°	0.0	1.8	3.6	5.4	6.9	8.3	9.6	11.2	13.3	15.4	17.5
70°	0.0	2.1	4.1	6.1	7.7	9.2	10.8	13.3	15.8	18.2	21.5
67.5°	0.0	2.3	4.6	6.7	8.4	10.1	12.7	15.4	18.2	22.0	25.8
65°	0.0	2.5	5.1	7.2	9.1	11.3	14.4	17.5	21.5	25.8	31.1
62.5°	0.0	2.8	5.5	7.8	9.9	12.8	16.2	20.1	24.8	30.2	39.3
60°	0.0	3.0	6.0	8.3	10.6	14.2	17.9	23.0	28.0	37.4	47.3
57.5°	0.0	3.2	6.3	8.8	11.7	15.6	20.2	25.7	33.7	44.4	67.9
55°	0.0	3.4	6.7	9.3	12.7	17.0	22.5	28.4	39.8	55.0	94.1
52.5°	0.0	3.7	7.0	9.8	13.8	18.4	24.7	33.3	45.7	78.0	119.6
50°	0.0	3.9	7.3	10.3	14.8	20.2	26.9	38.4	55.6	100.3	166.0
47.5°	0.0	4.1	7.6	10.8	15.8	22.0	29.3	43.2	74.7	121.8	213.5
45°	0.0	4.2	7.9	11.5	16.8	23.6	33.3	47.9	93.2	162.4	259.3
42.5°	0.0	4.4	8.2	12.2	17.7	25.2	37.1	58.8	110.9	201.9	313.1
40°	0.0	4.6	8.4	12.8	18.7	26.8	40.8	73.5	133.1	239.7	366.4
37.5°	0.0	4.8	8.7	13.4	19.9	28.2	44.3	87.6	165.0	278.3	417.1
35°	0.0	4.9	8.9	14.0	21.0	30.5	47.6	100.8	195.2	321.4	464.8
32.5°	0.0	5.1	9.2	14.6	22.0	33.1	52.9	113.4	223.6	362.0	509.1
30°	0.0	5.2	9.4	15.1	23.0	35.5	62.9	127.7	250.2	400.0	550.6
27.5°	0.0	5.3	9.6	15.5	23.9	37.7	72.2	149.2	277.3	435.4	589.3
25°	0.0	5.4	9.7	16.0	24.7	39.8	80.7	169.0	306.1	467.5	625.4
22.5°	0.0	5.5	9.9	16.4	25.4	41.7	88.5	187.1	332.4	496.6	666.6
20°	0.0	5.6	10.0	16.7	26.1	43.3	95.5	203.4	356.0	522.8	703.8
17.5°	0.0	5.7	10.2	17.1	26.7	44.8	101.7	217.8	377.1	546.2	736.9
15°	0.0	5.8	10.3	17.3	27.2	46.2	107.1	230.5	395.4	566.5	765.8
12.5°	0.0	5.9	10.4	17.6	27.7	47.3	111.8	241.2	411.0	583.8	790.5
10°	0.0	5.9	10.5	17.8	28.0	48.2	115.5	250.0	423.9	598.0	810.7
7.5°	0.0	5.9	10.5	17.9	28.3	48.9	118.5	256.8	433.9	609.2	826.5
5°	0.0	6.0	10.6	18.0	28.5	49.4	120.6	261.8	441.1	617.1	837.8
2.5°	0.0	6.0	10.6	18.1	28.7	49.7	121.9	264.7	445.4	621.9	844.6
0°	0.0	6.0	10.6	18.1	28.7	49.8	122.3	265.7	446.8	623.5	846.9
-2.5°	0.0	6.0	10.6	18.1	28.7	49.7	121.9	264.7	445.4	621.9	844.6
-5°	0.0	6.0	10.6	18.0	28.5	49.4	120.6	261.8	441.1	617.1	837.8
-7.5°	0.0	5.9	10.5	17.9	28.3	48.9	118.5	256.8	433.9	609.2	826.5
-10°	0.0	5.9	10.5	17.8	28.0	48.2	115.5	250.0	423.9	598.0	810.7
-12.5°	0.0	5.9	10.4	17.6	27.7	47.3	111.8	241.2	411.0	583.8	790.5
-15°	0.0	5.8	10.3	17.3	27.2	46.2	107.1	230.5	395.4	566.5	765.8
-17.5°	0.0	5.7	10.2	17.1	26.7	44.8	101.7	217.8	377.1	546.2	736.9
-20°	0.0	5.6	10.0	16.7	26.1	43.3	95.5	203.4	356.0	522.8	703.8



REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-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	5.5	9.9	16.4	25.4	41.7	88.5	187.1	332.4	496.6	666.6
-25°	0.0	5.4	9.7	16.0	24.7	39.8	80.7	169.0	306.1	467.5	625.4
-27.5°	0.0	5.3	9.6	15.5	23.9	37.7	72.2	149.2	277.3	435.4	589.3
-30°	0.0	5.2	9.4	15.1	23.0	35.5	62.9	127.7	250.2	400.0	550.6
-32.5°	0.0	5.1	9.2	14.6	22.0	33.1	52.9	113.4	223.6	362.0	509.1
-35°	0.0	4.9	8.9	14.0	21.0	30.5	47.6	100.8	195.2	321.4	464.8
-37.5°	0.0	4.8	8.7	13.4	19.9	28.2	44.3	87.6	165.0	278.3	417.1
-40°	0.0	4.6	8.4	12.8	18.7	26.8	40.8	73.5	133.1	239.7	366.4
-42.5°	0.0	4.4	8.2	12.2	17.7	25.2	37.1	58.8	110.9	201.9	313.1
-45°	0.0	4.2	7.9	11.5	16.8	23.6	33.3	47.9	93.2	162.4	259.3
-47.5°	0.0	4.1	7.6	10.8	15.8	22.0	29.3	43.2	74.7	121.8	213.5
-50°	0.0	3.9	7.3	10.3	14.8	20.2	26.9	38.4	55.6	100.3	166.0
-52.5°	0.0	3.7	7.0	9.8	13.8	18.4	24.7	33.3	45.7	78.0	119.6
-55°	0.0	3.4	6.7	9.3	12.7	17.0	22.5	28.4	39.8	55.0	94.1
-57.5°	0.0	3.2	6.3	8.8	11.7	15.6	20.2	25.7	33.7	44.4	67.9
-60°	0.0	3.0	6.0	8.3	10.6	14.2	17.9	23.0	28.0	37.4	47.3
-62.5°	0.0	2.8	5.5	7.8	9.9	12.8	16.2	20.1	24.8	30.2	39.3
-65°	0.0	2.5	5.1	7.2	9.1	11.3	14.4	17.5	21.5	25.8	31.1
-67.5°	0.0	2.3	4.6	6.7	8.4	10.1	12.7	15.4	18.2	22.0	25.8
-70°	0.0	2.1	4.1	6.1	7.7	9.2	10.8	13.3	15.8	18.2	21.5
-72.5°	0.0	1.8	3.6	5.4	6.9	8.3	9.6	11.2	13.3	15.4	17.5
-75°	0.0	1.6	3.1	4.6	6.1	7.3	8.5	9.6	10.8	12.7	14.4
-77.5°	0.0	1.3	2.6	3.9	5.2	6.3	7.3	8.3	9.2	10.1	11.3
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.1	6.9	7.7	8.4	9.1
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.7	7.2
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.3	6.7	7.0	7.3	7.6	7.9	8.2	8.4	8.7
82.5°	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.5	12.2	12.8	13.4
80°	9.9	10.6	11.7	12.7	13.8	14.8	15.8	16.8	17.7	18.7	19.9
77.5°	12.8	14.2	15.6	17.0	18.4	20.2	22.0	23.6	25.2	26.8	28.2
75°	16.2	17.9	20.2	22.5	24.7	26.9	29.3	33.3	37.1	40.8	44.3
72.5°	20.1	23.0	25.7	28.4	33.3	38.4	43.2	47.9	58.8	73.5	87.6
70°	24.8	28.0	33.7	39.8	45.7	55.6	74.7	93.2	110.9	133.1	165.0
67.5°	30.2	37.4	44.4	55.0	78.0	100.3	121.8	162.4	201.9	239.7	278.3
65°	39.3	47.3	67.9	94.1	119.6	166.0	213.5	259.3	313.1	366.4	417.1
62.5°	48.2	74.4	103.9	142.8	198.3	252.3	314.7	378.5	439.8	497.3	552.1
60°	74.4	107.1	155.8	217.8	281.7	356.0	428.2	496.6	562.1	625.4	701.3
57.5°	103.9	155.8	224.4	298.3	381.0	461.2	537.6	611.4	698.3	784.8	868.0
55°	142.8	217.8	298.3	389.4	477.7	562.3	650.2	751.1	848.4	944.0	1035.4
52.5°	198.3	281.7	381.0	477.7	570.6	671.4	783.0	892.2	999.0	1101.2	1197.2
50°	252.3	356.0	461.2	562.3	671.4	793.7	914.2	1032.3	1144.8	1252.2	1369.4
47.5°	314.7	428.2	537.6	650.2	783.0	914.2	1043.5	1166.8	1285.5	1425.0	1561.7
45°	378.5	496.6	611.4	751.1	892.2	1032.3	1166.8	1296.7	1453.0	1605.7	1757.8
42.5°	439.8	562.1	698.3	848.4	999.0	1144.8	1285.5	1453.0	1620.5	1788.0	1934.4
40°	497.3	625.4	784.8	944.0	1101.2	1252.2	1425.0	1605.7	1788.0	1947.2	2089.8
37.5°	552.1	701.3	868.0	1035.4	1197.2	1369.4	1561.7	1757.8	1934.4	2089.8	2216.0
35°	604.1	773.5	948.3	1121.3	1288.9	1491.5	1697.8	1896.1	2063.7	2204.9	2552.4
32.5°	661.0	841.7	1024.3	1201.8	1394.8	1609.1	1827.9	2011.9	2171.9	2413.9	3262.3
30°	719.2	907.0	1095.3	1277.5	1496.4	1723.6	1935.4	2117.5	2269.3	3050.4	3863.8
27.5°	773.5	967.9	1160.3	1360.7	1592.4	1830.9	2031.6	2203.2	2702.3	3626.5	4393.6
25°	823.6	1024.3	1220.4	1441.9	1684.6	1918.5	2117.0	2283.2	3228.4	4091.7	4662.5
22.5°	869.9	1075.9	1275.6	1516.5	1769.2	1994.8	2185.5	2676.9	3678.5	4511.4	4852.5
20°	912.1	1121.3	1332.4	1584.6	1846.0	2064.2	2247.8	3089.4	4045.4	4673.6	5034.4
17.5°	949.7	1161.8	1387.5	1647.6	1905.2	2121.3	2350.2	3459.8	4375.6	4819.9	5202.4
15°	982.6	1197.2	1435.7	1702.7	1955.3	2166.5	2650.9	3736.6	4570.3	4951.6	5352.2
12.5°	1010.6	1227.4	1476.8	1749.8	1998.1	2205.2	2908.4	3967.3	4673.0	5070.0	5509.9
10°	1033.6	1252.2	1510.7	1788.6	2033.4	2237.1	3121.4	4158.3	4758.1	5168.5	5641.1
7.5°	1051.6	1271.6	1537.2	1819.0	2061.0	2262.2	3288.6	4308.3	4825.1	5246.0	5744.7
5°	1064.5	1285.5	1556.2	1840.8	2080.9	2280.1	3408.7	4416.2	4873.4	5301.9	5819.5
2.5°	1072.2	1293.9	1567.7	1853.9	2092.8	2291.0	3481.1	4481.3	4902.5	5335.7	5864.8
0°	1074.8	1296.7	1571.5	1858.3	2096.8	2294.6	3505.3	4503.1	4912.2	5347.0	5879.9
-2.5°	1072.2	1293.9	1567.7	1853.9	2092.8	2291.0	3481.1	4481.3	4902.5	5335.7	5864.8
-5°	1064.5	1285.5	1556.2	1840.8	2080.9	2280.1	3408.7	4416.2	4873.4	5301.9	5819.5
-7.5°	1051.6	1271.6	1537.2	1819.0	2061.0	2262.2	3288.6	4308.3	4825.1	5246.0	5744.7
-10°	1033.6	1252.2	1510.7	1788.6	2033.4	2237.1	3121.4	4158.3	4758.1	5168.5	5641.1
-12.5°	1010.6	1227.4	1476.8	1749.8	1998.1	2205.2	2908.4	3967.3	4673.0	5070.0	5509.9
-15°	982.6	1197.2	1435.7	1702.7	1955.3	2166.5	2650.9	3736.6	4570.3	4951.6	5352.2
-17.5°	949.7	1161.8	1387.5	1647.6	1905.2	2121.3	2350.2	3459.8	4375.6	4819.9	5202.4
-20°	912.1	1121.3	1332.4	1584.6	1846.0	2064.2	2247.8	3089.4	4045.4	4673.6	5034.4



REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	869.9	1075.9	1275.6	1516.5	1769.2	1994.8	2185.5	2676.9	3678.5	4511.4	4852.5
-25°	823.6	1024.3	1220.4	1441.9	1684.6	1918.5	2117.0	2283.2	3228.4	4091.7	4662.5
-27.5°	773.5	967.9	1160.3	1360.7	1592.4	1830.9	2031.6	2203.2	2702.3	3626.5	4393.6
-30°	719.2	907.0	1095.3	1277.5	1496.4	1723.6	1935.4	2117.5	2269.3	3050.4	3863.8
-32.5°	661.0	841.7	1024.3	1201.8	1394.8	1609.1	1827.9	2011.9	2171.9	2413.9	3262.3
-35°	604.1	773.5	948.3	1121.3	1288.9	1491.5	1697.8	1896.1	2063.7	2204.9	2552.4
-37.5°	552.1	701.3	868.0	1035.4	1197.2	1369.4	1561.7	1757.8	1934.4	2089.8	2216.0
-40°	497.3	625.4	784.8	944.0	1101.2	1252.2	1425.0	1605.7	1788.0	1947.2	2089.8
-42.5°	439.8	562.1	698.3	848.4	999.0	1144.8	1285.5	1453.0	1620.5	1788.0	1934.4
-45°	378.5	496.6	611.4	751.1	892.2	1032.3	1166.8	1296.7	1453.0	1605.7	1757.8
-47.5°	314.7	428.2	537.6	650.2	783.0	914.2	1043.5	1166.8	1285.5	1425.0	1561.7
-50°	252.3	356.0	461.2	562.3	671.4	793.7	914.2	1032.3	1144.8	1252.2	1369.4
-52.5°	198.3	281.7	381.0	477.7	570.6	671.4	783.0	892.2	999.0	1101.2	1197.2
-55°	142.8	217.8	298.3	389.4	477.7	562.3	650.2	751.1	848.4	944.0	1035.4
-57.5°	103.9	155.8	224.4	298.3	381.0	461.2	537.6	611.4	698.3	784.8	868.0
-60°	74.4	107.1	155.8	217.8	281.7	356.0	428.2	496.6	562.1	625.4	701.3
-62.5°	48.2	74.4	103.9	142.8	198.3	252.3	314.7	378.5	439.8	497.3	552.1
-65°	39.3	47.3	67.9	94.1	119.6	166.0	213.5	259.3	313.1	366.4	417.1
-67.5°	30.2	37.4	44.4	55.0	78.0	100.3	121.8	162.4	201.9	239.7	278.3
-70°	24.8	28.0	33.7	39.8	45.7	55.6	74.7	93.2	110.9	133.1	165.0
-72.5°	20.1	23.0	25.7	28.4	33.3	38.4	43.2	47.9	58.8	73.5	87.6
-75°	16.2	17.9	20.2	22.5	24.7	26.9	29.3	33.3	37.1	40.8	44.3
-77.5°	12.8	14.2	15.6	17.0	18.4	20.2	22.0	23.6	25.2	26.8	28.2
-80°	9.9	10.6	11.7	12.7	13.8	14.8	15.8	16.8	17.7	18.7	19.9
-82.5°	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.5	12.2	12.8	13.4
-85°	5.5	6.0	6.3	6.7	7.0	7.3	7.6	7.9	8.2	8.4	8.7
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-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: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
85°	8.9	9.2	9.4	9.6	9.7	9.9	10.0	10.2	10.3	10.4	10.5
82.5°	14.0	14.6	15.1	15.5	16.0	16.4	16.7	17.1	17.3	17.6	17.8
80°	21.0	22.0	23.0	23.9	24.7	25.4	26.1	26.7	27.2	27.7	28.0
77.5°	30.5	33.1	35.5	37.7	39.8	41.7	43.3	44.8	46.2	47.3	48.2
75°	47.6	52.9	62.9	72.2	80.7	88.5	95.5	101.7	107.1	111.8	115.5
72.5°	100.8	113.4	127.7	149.2	169.0	187.1	203.4	217.8	230.5	241.2	250.0
70°	195.2	223.6	250.2	277.3	306.1	332.4	356.0	377.1	395.4	411.0	423.9
67.5°	321.4	362.0	400.0	435.4	467.5	496.6	522.8	546.2	566.5	583.8	598.0
65°	464.8	509.1	550.6	589.3	625.4	666.6	703.8	736.9	765.8	790.5	810.7
62.5°	604.1	661.0	719.2	773.5	823.6	869.9	912.1	949.7	982.6	1010.6	1033.6
60°	773.5	841.7	907.0	967.9	1024.3	1075.9	1121.3	1161.8	1197.2	1227.4	1252.2
57.5°	948.3	1024.3	1095.3	1160.3	1220.4	1275.6	1332.4	1387.5	1435.7	1476.8	1510.7
55°	1121.3	1201.8	1277.5	1360.7	1441.9	1516.5	1584.6	1647.6	1702.7	1749.8	1788.6
52.5°	1288.9	1394.8	1496.4	1592.4	1684.6	1769.2	1846.0	1905.2	1955.3	1998.1	2033.4
50°	1491.5	1609.1	1723.6	1830.9	1918.5	1994.8	2064.2	2121.3	2166.5	2205.2	2237.1
47.5°	1697.8	1827.9	1935.4	2031.6	2117.0	2185.5	2247.8	2350.2	2650.9	2908.4	3121.4
45°	1896.1	2011.9	2117.5	2203.2	2283.2	2676.9	3089.4	3459.8	3736.6	3967.3	4158.3
42.5°	2063.7	2171.9	2269.3	2702.3	3228.4	3678.5	4045.4	4375.6	4570.3	4673.0	4758.1
40°	2204.9	2413.9	3050.4	3626.5	4091.7	4511.4	4673.6	4819.9	4951.6	5070.0	5168.5
37.5°	2552.4	3262.3	3863.8	4393.6	4662.5	4852.5	5034.4	5202.4	5352.2	5509.9	5641.1
35°	3333.4	3983.7	4533.6	4765.2	4988.1	5204.9	5417.7	5639.9	5837.6	6051.2	6241.1
32.5°	3983.7	4559.0	4817.3	5073.2	5321.1	5599.9	5863.4	6176.7	6461.3	6803.2	7172.6
30°	4533.6	4817.3	5101.8	5387.5	5711.5	6061.1	6437.4	6933.3	7483.4	8027.5	8658.3
27.5°	4765.2	5073.2	5387.5	5749.1	6164.4	6605.0	7325.8	8066.5	8999.5	9817.9	11785.7
25°	4988.1	5321.1	5711.5	6164.4	6701.3	7525.9	8553.1	9671.5	12288.8	14844.1	19112.6
22.5°	5204.9	5599.9	6061.1	6605.0	7525.9	8717.6	10375.2	13825.5	19019.0	25575.8	32744.3
20°	5417.7	5863.4	6437.4	7325.8	8553.1	10375.2	14346.7	21586.3	30214.4	41809.4	52512.9
17.5°	5639.9	6176.7	6933.3	8066.5	9671.5	13825.5	21586.3	32430.7	46509.1	62568.7	77628.0
15°	5837.6	6461.3	7483.4	8999.5	12288.8	19019.0	30214.4	46509.1	66017.8	85926.8	105135.1
12.5°	6051.2	6803.2	8027.5	9817.9	14844.1	25575.8	41809.4	62568.7	85926.8	109800.3	130470.0
10°	6241.1	7172.6	8658.3	11785.7	19112.6	32744.3	52512.9	77628.0	105135.1	130470.0	155128.0
7.5°	6391.3	7465.5	9160.3	13363.9	23197.9	40053.3	63549.0	91680.9	120797.2	148875.7	180403.9
5°	6500.1	7677.9	9525.4	14515.5	26192.4	45441.7	71748.1	102325.9	132528.2	165260.0	201322.8
2.5°	6565.9	7806.7	9747.1	15216.8	28021.7	48747.4	76807.5	108948.4	139914.4	176254.8	216676.7
0°	6587.9	7849.9	9821.5	15452.3	28637.1	49862.1	78518.8	111198.6	142441.2	180046.9	222202.4
-2.5°	6565.9	7806.7	9747.1	15216.8	28021.7	48747.4	76807.5	108948.4	139914.4	176254.8	216676.7
-5°	6500.1	7677.9	9525.4	14515.5	26192.4	45441.7	71748.1	102325.9	132528.2	165260.0	201322.8
-7.5°	6391.3	7465.5	9160.3	13363.9	23197.9	40053.3	63549.0	91680.9	120797.2	148875.7	180403.9
-10°	6241.1	7172.6	8658.3	11785.7	19112.6	32744.3	52512.9	77628.0	105135.1	130470.0	155128.0
-12.5°	6051.2	6803.2	8027.5	9817.9	14844.1	25575.8	41809.4	62568.7	85926.8	109800.3	130470.0
-15°	5837.6	6461.3	7483.4	8999.5	12288.8	19019.0	30214.4	46509.1	66017.8	85926.8	105135.1
-17.5°	5639.9	6176.7	6933.3	8066.5	9671.5	13825.5	21586.3	32430.7	46509.1	62568.7	77628.0
-20°	5417.7	5863.4	6437.4	7325.8	8553.1	10375.2	14346.7	21586.3	30214.4	41809.4	52512.9



REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5204.9	5599.9	6061.1	6605.0	7525.9	8717.6	10375.2	13825.5	19019.0	25575.8	32744.3
-25°	4988.1	5321.1	5711.5	6164.4	6701.3	7525.9	8553.1	9671.5	12288.8	14844.1	19112.6
-27.5°	4765.2	5073.2	5387.5	5749.1	6164.4	6605.0	7325.8	8066.5	8999.5	9817.9	11785.7
-30°	4533.6	4817.3	5101.8	5387.5	5711.5	6061.1	6437.4	6933.3	7483.4	8027.5	8658.3
-32.5°	3983.7	4559.0	4817.3	5073.2	5321.1	5599.9	5863.4	6176.7	6461.3	6803.2	7172.6
-35°	3333.4	3983.7	4533.6	4765.2	4988.1	5204.9	5417.7	5639.9	5837.6	6051.2	6241.1
-37.5°	2552.4	3262.3	3863.8	4393.6	4662.5	4852.5	5034.4	5202.4	5352.2	5509.9	5641.1
-40°	2204.9	2413.9	3050.4	3626.5	4091.7	4511.4	4673.6	4819.9	4951.6	5070.0	5168.5
-42.5°	2063.7	2171.9	2269.3	2702.3	3228.4	3678.5	4045.4	4375.6	4570.3	4673.0	4758.1
-45°	1896.1	2011.9	2117.5	2203.2	2283.2	2676.9	3089.4	3459.8	3736.6	3967.3	4158.3
-47.5°	1697.8	1827.9	1935.4	2031.6	2117.0	2185.5	2247.8	2350.2	2650.9	2908.4	3121.4
-50°	1491.5	1609.1	1723.6	1830.9	1918.5	1994.8	2064.2	2121.3	2166.5	2205.2	2237.1
-52.5°	1288.9	1394.8	1496.4	1592.4	1684.6	1769.2	1846.0	1905.2	1955.3	1998.1	2033.4
-55°	1121.3	1201.8	1277.5	1360.7	1441.9	1516.5	1584.6	1647.6	1702.7	1749.8	1788.6
-57.5°	948.3	1024.3	1095.3	1160.3	1220.4	1275.6	1332.4	1387.5	1435.7	1476.8	1510.7
-60°	773.5	841.7	907.0	967.9	1024.3	1075.9	1121.3	1161.8	1197.2	1227.4	1252.2
-62.5°	604.1	661.0	719.2	773.5	823.6	869.9	912.1	949.7	982.6	1010.6	1033.6
-65°	464.8	509.1	550.6	589.3	625.4	666.6	703.8	736.9	765.8	790.5	810.7
-67.5°	321.4	362.0	400.0	435.4	467.5	496.6	522.8	546.2	566.5	583.8	598.0
-70°	195.2	223.6	250.2	277.3	306.1	332.4	356.0	377.1	395.4	411.0	423.9
-72.5°	100.8	113.4	127.7	149.2	169.0	187.1	203.4	217.8	230.5	241.2	250.0
-75°	47.6	52.9	62.9	72.2	80.7	88.5	95.5	101.7	107.1	111.8	115.5
-77.5°	30.5	33.1	35.5	37.7	39.8	41.7	43.3	44.8	46.2	47.3	48.2
-80°	21.0	22.0	23.0	23.9	24.7	25.4	26.1	26.7	27.2	27.7	28.0
-82.5°	14.0	14.6	15.1	15.5	16.0	16.4	16.7	17.1	17.3	17.6	17.8
-85°	8.9	9.2	9.4	9.6	9.7	9.9	10.0	10.2	10.3	10.4	10.5
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
-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: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-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°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
85°	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.5	10.4	10.3	10.2
82.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.8	17.6	17.3	17.1
80°	28.3	28.5	28.7	28.7	28.7	28.5	28.3	28.0	27.7	27.2	26.7
77.5°	48.9	49.4	49.7	49.8	49.7	49.4	48.9	48.2	47.3	46.2	44.8
75°	118.5	120.6	121.9	122.3	121.9	120.6	118.5	115.5	111.8	107.1	101.7
72.5°	256.8	261.8	264.7	265.7	264.7	261.8	256.8	250.0	241.2	230.5	217.8
70°	433.9	441.1	445.4	446.8	445.4	441.1	433.9	423.9	411.0	395.4	377.1
67.5°	609.2	617.1	621.9	623.5	621.9	617.1	609.2	598.0	583.8	566.5	546.2
65°	826.5	837.8	844.6	846.9	844.6	837.8	826.5	810.7	790.5	765.8	736.9
62.5°	1051.6	1064.5	1072.2	1074.8	1072.2	1064.5	1051.6	1033.6	1010.6	982.6	949.7
60°	1271.6	1285.5	1293.9	1296.7	1293.9	1285.5	1271.6	1252.2	1227.4	1197.2	1161.8
57.5°	1537.2	1556.2	1567.7	1571.5	1567.7	1556.2	1537.2	1510.7	1476.8	1435.7	1387.5
55°	1819.0	1840.8	1853.9	1858.3	1853.9	1840.8	1819.0	1788.6	1749.8	1702.7	1647.6
52.5°	2061.0	2080.9	2092.8	2096.8	2092.8	2080.9	2061.0	2033.4	1998.1	1955.3	1905.2
50°	2262.2	2280.1	2291.0	2294.6	2291.0	2280.1	2262.2	2237.1	2205.2	2166.5	2121.3
47.5°	3288.6	3408.7	3481.1	3505.3	3481.1	3408.7	3288.6	3121.4	2908.4	2650.9	2350.2
45°	4308.3	4416.2	4481.3	4503.1	4481.3	4416.2	4308.3	4158.3	3967.3	3736.6	3459.8
42.5°	4825.1	4873.4	4902.5	4912.2	4902.5	4873.4	4825.1	4758.1	4673.0	4570.3	4375.6
40°	5246.0	5301.9	5335.7	5347.0	5335.7	5301.9	5246.0	5168.5	5070.0	4951.6	4819.9
37.5°	5744.7	5819.5	5864.8	5879.9	5864.8	5819.5	5744.7	5641.1	5509.9	5352.2	5202.4
35°	6391.3	6500.1	6565.9	6587.9	6565.9	6500.1	6391.3	6241.1	6051.2	5837.6	5639.9
32.5°	7465.5	7677.9	7806.7	7849.9	7806.7	7677.9	7465.5	7172.6	6803.2	6461.3	6176.7
30°	9160.3	9525.4	9747.1	9821.5	9747.1	9525.4	9160.3	8658.3	8027.5	7483.4	6933.3
27.5°	13363.9	14515.5	15216.8	15452.3	15216.8	14515.5	13363.9	11785.7	9817.9	8999.5	8066.5
25°	23197.9	26192.4	28021.7	28637.1	28021.7	26192.4	23197.9	19112.6	14844.1	12288.8	9671.5
22.5°	40053.3	45441.7	48747.4	49862.1	48747.4	45441.7	40053.3	32744.3	25575.8	19019.0	13825.5
20°	63549.0	71748.1	76807.5	78518.8	76807.5	71748.1	63549.0	52512.9	41809.4	30214.4	21586.3
17.5°	91680.9	102325.9	108948.4	111198.6	108948.4	102325.9	91680.9	77628.0	62568.7	46509.1	32430.7
15°	120797.2	132528.2	139914.4	142441.2	139914.4	132528.2	120797.2	105135.1	85926.8	66017.8	46509.1
12.5°	148875.7	165260.0	176254.8	180046.9	176254.8	165260.0	148875.7	130470.0	109800.3	85926.8	62568.7
10°	180403.9	201322.8	216676.7	222202.4	216676.7	201322.8	180403.9	155128.0	130470.0	105135.1	77628.0
7.5°	211476.4	239716.2	255337.1	259974.8	255337.1	239716.2	211476.4	180403.9	148875.7	120797.2	91680.9
5°	239716.2	264957.3	279405.4	284403.9	279405.4	264957.3	239716.2	201322.8	165260.0	132528.2	102325.9
2.5°	255337.1	279405.4	299460.8	313069.7	299460.8	279405.4	255337.1	216676.7	176254.8	139914.4	108948.4
0°	259974.8	284403.9	313069.7	332166.1	313069.7	284403.9	259974.8	222202.4	180046.9	142441.2	111198.6
-2.5°	255337.1	279405.4	299460.8	313069.7	299460.8	279405.4	255337.1	216676.7	176254.8	139914.4	108948.4
-5°	239716.2	264957.3	279405.4	284403.9	279405.4	264957.3	239716.2	201322.8	165260.0	132528.2	102325.9
-7.5°	211476.4	239716.2	255337.1	259974.8	255337.1	239716.2	211476.4	180403.9	148875.7	120797.2	91680.9
-10°	180403.9	201322.8	216676.7	222202.4	216676.7	201322.8	180403.9	155128.0	130470.0	105135.1	77628.0
-12.5°	148875.7	165260.0	176254.8	180046.9	176254.8	165260.0	148875.7	130470.0	109800.3	85926.8	62568.7
-15°	120797.2	132528.2	139914.4	142441.2	139914.4	132528.2	120797.2	105135.1	85926.8	66017.8	46509.1
-17.5°	91680.9	102325.9	108948.4	111198.6	108948.4	102325.9	91680.9	77628.0	62568.7	46509.1	32430.7
-20°	63549.0	71748.1	76807.5	78518.8	76807.5	71748.1	63549.0	52512.9	41809.4	30214.4	21586.3



REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	40053.3	45441.7	48747.4	49862.1	48747.4	45441.7	40053.3	32744.3	25575.8	19019.0	13825.5
-25°	23197.9	26192.4	28021.7	28637.1	28021.7	26192.4	23197.9	19112.6	14844.1	12288.8	9671.5
-27.5°	13363.9	14515.5	15216.8	15452.3	15216.8	14515.5	13363.9	11785.7	9817.9	8999.5	8066.5
-30°	9160.3	9525.4	9747.1	9821.5	9747.1	9525.4	9160.3	8658.3	8027.5	7483.4	6933.3
-32.5°	7465.5	7677.9	7806.7	7849.9	7806.7	7677.9	7465.5	7172.6	6803.2	6461.3	6176.7
-35°	6391.3	6500.1	6565.9	6587.9	6565.9	6500.1	6391.3	6241.1	6051.2	5837.6	5639.9
-37.5°	5744.7	5819.5	5864.8	5879.9	5864.8	5819.5	5744.7	5641.1	5509.9	5352.2	5202.4
-40°	5246.0	5301.9	5335.7	5347.0	5335.7	5301.9	5246.0	5168.5	5070.0	4951.6	4819.9
-42.5°	4825.1	4873.4	4902.5	4912.2	4902.5	4873.4	4825.1	4758.1	4673.0	4570.3	4375.6
-45°	4308.3	4416.2	4481.3	4503.1	4481.3	4416.2	4308.3	4158.3	3967.3	3736.6	3459.8
-47.5°	3288.6	3408.7	3481.1	3505.3	3481.1	3408.7	3288.6	3121.4	2908.4	2650.9	2350.2
-50°	2262.2	2280.1	2291.0	2294.6	2291.0	2280.1	2262.2	2237.1	2205.2	2166.5	2121.3
-52.5°	2061.0	2080.9	2092.8	2096.8	2092.8	2080.9	2061.0	2033.4	1998.1	1955.3	1905.2
-55°	1819.0	1840.8	1853.9	1858.3	1853.9	1840.8	1819.0	1788.6	1749.8	1702.7	1647.6
-57.5°	1537.2	1556.2	1567.7	1571.5	1567.7	1556.2	1537.2	1510.7	1476.8	1435.7	1387.5
-60°	1271.6	1285.5	1293.9	1296.7	1293.9	1285.5	1271.6	1252.2	1227.4	1197.2	1161.8
-62.5°	1051.6	1064.5	1072.2	1074.8	1072.2	1064.5	1051.6	1033.6	1010.6	982.6	949.7
-65°	826.5	837.8	844.6	846.9	844.6	837.8	826.5	810.7	790.5	765.8	736.9
-67.5°	609.2	617.1	621.9	623.5	621.9	617.1	609.2	598.0	583.8	566.5	546.2
-70°	433.9	441.1	445.4	446.8	445.4	441.1	433.9	423.9	411.0	395.4	377.1
-72.5°	256.8	261.8	264.7	265.7	264.7	261.8	256.8	250.0	241.2	230.5	217.8
-75°	118.5	120.6	121.9	122.3	121.9	120.6	118.5	115.5	111.8	107.1	101.7
-77.5°	48.9	49.4	49.7	49.8	49.7	49.4	48.9	48.2	47.3	46.2	44.8
-80°	28.3	28.5	28.7	28.7	28.7	28.5	28.3	28.0	27.7	27.2	26.7
-82.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.8	17.6	17.3	17.1
-85°	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.5	10.4	10.3	10.2
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-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: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	10.0	9.9	9.7	9.6	9.4	9.2	8.9	8.7	8.4	8.2	7.9
82.5°	16.7	16.4	16.0	15.5	15.1	14.6	14.0	13.4	12.8	12.2	11.5
80°	26.1	25.4	24.7	23.9	23.0	22.0	21.0	19.9	18.7	17.7	16.8
77.5°	43.3	41.7	39.8	37.7	35.5	33.1	30.5	28.2	26.8	25.2	23.6
75°	95.5	88.5	80.7	72.2	62.9	52.9	47.6	44.3	40.8	37.1	33.3
72.5°	203.4	187.1	169.0	149.2	127.7	113.4	100.8	87.6	73.5	58.8	47.9
70°	356.0	332.4	306.1	277.3	250.2	223.6	195.2	165.0	133.1	110.9	93.2
67.5°	522.8	496.6	467.5	435.4	400.0	362.0	321.4	278.3	239.7	201.9	162.4
65°	703.8	666.6	625.4	589.3	550.6	509.1	464.8	417.1	366.4	313.1	259.3
62.5°	912.1	869.9	823.6	773.5	719.2	661.0	604.1	552.1	497.3	439.8	378.5
60°	1121.3	1075.9	1024.3	967.9	907.0	841.7	773.5	701.3	625.4	562.1	496.6
57.5°	1332.4	1275.6	1220.4	1160.3	1095.3	1024.3	948.3	868.0	784.8	698.3	611.4
55°	1584.6	1516.5	1441.9	1360.7	1277.5	1201.8	1121.3	1035.4	944.0	848.4	751.1
52.5°	1846.0	1769.2	1684.6	1592.4	1496.4	1394.8	1288.9	1197.2	1101.2	999.0	892.2
50°	2064.2	1994.8	1918.5	1830.9	1723.6	1609.1	1491.5	1369.4	1252.2	1144.8	1032.3
47.5°	2247.8	2185.5	2117.0	2031.6	1935.4	1827.9	1697.8	1561.7	1425.0	1285.5	1166.8
45°	3089.4	2676.9	2283.2	2203.2	2117.5	2011.9	1896.1	1757.8	1605.7	1453.0	1296.7
42.5°	4045.4	3678.5	3228.4	2702.3	2269.3	2171.9	2063.7	1934.4	1788.0	1620.5	1453.0
40°	4673.6	4511.4	4091.7	3626.5	3050.4	2413.9	2204.9	2089.8	1947.2	1788.0	1605.7
37.5°	5034.4	4852.5	4662.5	4393.6	3863.8	3262.3	2552.4	2216.0	2089.8	1934.4	1757.8
35°	5417.7	5204.9	4988.1	4765.2	4533.6	3983.7	3333.4	2552.4	2204.9	2063.7	1896.1
32.5°	5863.4	5599.9	5321.1	5073.2	4817.3	4559.0	3983.7	3262.3	2413.9	2171.9	2011.9
30°	6437.4	6061.1	5711.5	5387.5	5101.8	4817.3	4533.6	3863.8	3050.4	2269.3	2117.5
27.5°	7325.8	6605.0	6164.4	5749.1	5387.5	5073.2	4765.2	4393.6	3626.5	2702.3	2203.2
25°	8553.1	7525.9	6701.3	6164.4	5711.5	5321.1	4988.1	4662.5	4091.7	3228.4	2283.2
22.5°	10375.2	8717.6	7525.9	6605.0	6061.1	5599.9	5204.9	4852.5	4511.4	3678.5	2676.9
20°	14346.7	10375.2	8553.1	7325.8	6437.4	5863.4	5417.7	5034.4	4673.6	4045.4	3089.4
17.5°	21586.3	13825.5	9671.5	8066.5	6933.3	6176.7	5639.9	5202.4	4819.9	4375.6	3459.8
15°	30214.4	19019.0	12288.8	8999.5	7483.4	6461.3	5837.6	5352.2	4951.6	4570.3	3736.6
12.5°	41809.4	25575.8	14844.1	9817.9	8027.5	6803.2	6051.2	5509.9	5070.0	4673.0	3967.3
10°	52512.9	32744.3	19112.6	11785.7	8658.3	7172.6	6241.1	5641.1	5168.5	4758.1	4158.3
7.5°	63549.0	40053.3	23197.9	13363.9	9160.3	7465.5	6391.3	5744.7	5246.0	4825.1	4308.3
5°	71748.1	45441.7	26192.4	14515.5	9525.4	7677.9	6500.1	5819.5	5301.9	4873.4	4416.2
2.5°	76807.5	48747.4	28021.7	15216.8	9747.1	7806.7	6565.9	5864.8	5335.7	4902.5	4481.3
0°	78518.8	49862.1	28637.1	15452.3	9821.5	7849.9	6587.9	5879.9	5347.0	4912.2	4503.1
-2.5°	76807.5	48747.4	28021.7	15216.8	9747.1	7806.7	6565.9	5864.8	5335.7	4902.5	4481.3
-5°	71748.1	45441.7	26192.4	14515.5	9525.4	7677.9	6500.1	5819.5	5301.9	4873.4	4416.2
-7.5°	63549.0	40053.3	23197.9	13363.9	9160.3	7465.5	6391.3	5744.7	5246.0	4825.1	4308.3
-10°	52512.9	32744.3	19112.6	11785.7	8658.3	7172.6	6241.1	5641.1	5168.5	4758.1	4158.3
-12.5°	41809.4	25575.8	14844.1	9817.9	8027.5	6803.2	6051.2	5509.9	5070.0	4673.0	3967.3
-15°	30214.4	19019.0	12288.8	8999.5	7483.4	6461.3	5837.6	5352.2	4951.6	4570.3	3736.6
-17.5°	21586.3	13825.5	9671.5	8066.5	6933.3	6176.7	5639.9	5202.4	4819.9	4375.6	3459.8
-20°	14346.7	10375.2	8553.1	7325.8	6437.4	5863.4	5417.7	5034.4	4673.6	4045.4	3089.4



REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10375.2	8717.6	7525.9	6605.0	6061.1	5599.9	5204.9	4852.5	4511.4	3678.5	2676.9
-25°	8553.1	7525.9	6701.3	6164.4	5711.5	5321.1	4988.1	4662.5	4091.7	3228.4	2283.2
-27.5°	7325.8	6605.0	6164.4	5749.1	5387.5	5073.2	4765.2	4393.6	3626.5	2702.3	2203.2
-30°	6437.4	6061.1	5711.5	5387.5	5101.8	4817.3	4533.6	3863.8	3050.4	2269.3	2117.5
-32.5°	5863.4	5599.9	5321.1	5073.2	4817.3	4559.0	3983.7	3262.3	2413.9	2171.9	2011.9
-35°	5417.7	5204.9	4988.1	4765.2	4533.6	3983.7	3333.4	2552.4	2204.9	2063.7	1896.1
-37.5°	5034.4	4852.5	4662.5	4393.6	3863.8	3262.3	2552.4	2216.0	2089.8	1934.4	1757.8
-40°	4673.6	4511.4	4091.7	3626.5	3050.4	2413.9	2204.9	2089.8	1947.2	1788.0	1605.7
-42.5°	4045.4	3678.5	3228.4	2702.3	2269.3	2171.9	2063.7	1934.4	1788.0	1620.5	1453.0
-45°	3089.4	2676.9	2283.2	2203.2	2117.5	2011.9	1896.1	1757.8	1605.7	1453.0	1296.7
-47.5°	2247.8	2185.5	2117.0	2031.6	1935.4	1827.9	1697.8	1561.7	1425.0	1285.5	1166.8
-50°	2064.2	1994.8	1918.5	1830.9	1723.6	1609.1	1491.5	1369.4	1252.2	1144.8	1032.3
-52.5°	1846.0	1769.2	1684.6	1592.4	1496.4	1394.8	1288.9	1197.2	1101.2	999.0	892.2
-55°	1584.6	1516.5	1441.9	1360.7	1277.5	1201.8	1121.3	1035.4	944.0	848.4	751.1
-57.5°	1332.4	1275.6	1220.4	1160.3	1095.3	1024.3	948.3	868.0	784.8	698.3	611.4
-60°	1121.3	1075.9	1024.3	967.9	907.0	841.7	773.5	701.3	625.4	562.1	496.6
-62.5°	912.1	869.9	823.6	773.5	719.2	661.0	604.1	552.1	497.3	439.8	378.5
-65°	703.8	666.6	625.4	589.3	550.6	509.1	464.8	417.1	366.4	313.1	259.3
-67.5°	522.8	496.6	467.5	435.4	400.0	362.0	321.4	278.3	239.7	201.9	162.4
-70°	356.0	332.4	306.1	277.3	250.2	223.6	195.2	165.0	133.1	110.9	93.2
-72.5°	203.4	187.1	169.0	149.2	127.7	113.4	100.8	87.6	73.5	58.8	47.9
-75°	95.5	88.5	80.7	72.2	62.9	52.9	47.6	44.3	40.8	37.1	33.3
-77.5°	43.3	41.7	39.8	37.7	35.5	33.1	30.5	28.2	26.8	25.2	23.6
-80°	26.1	25.4	24.7	23.9	23.0	22.0	21.0	19.9	18.7	17.7	16.8
-82.5°	16.7	16.4	16.0	15.5	15.1	14.6	14.0	13.4	12.8	12.2	11.5
-85°	10.0	9.9	9.7	9.6	9.4	9.2	8.9	8.7	8.4	8.2	7.9
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-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: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	7.6	7.3	7.0	6.7	6.3	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	10.8	10.3	9.8	9.3	8.8	8.3	7.8	7.2	6.7	6.1	5.4
80°	15.8	14.8	13.8	12.7	11.7	10.6	9.9	9.1	8.4	7.7	6.9
77.5°	22.0	20.2	18.4	17.0	15.6	14.2	12.8	11.3	10.1	9.2	8.3
75°	29.3	26.9	24.7	22.5	20.2	17.9	16.2	14.4	12.7	10.8	9.6
72.5°	43.2	38.4	33.3	28.4	25.7	23.0	20.1	17.5	15.4	13.3	11.2
70°	74.7	55.6	45.7	39.8	33.7	28.0	24.8	21.5	18.2	15.8	13.3
67.5°	121.8	100.3	78.0	55.0	44.4	37.4	30.2	25.8	22.0	18.2	15.4
65°	213.5	166.0	119.6	94.1	67.9	47.3	39.3	31.1	25.8	21.5	17.5
62.5°	314.7	252.3	198.3	142.8	103.9	74.4	48.2	39.3	30.2	24.8	20.1
60°	428.2	356.0	281.7	217.8	155.8	107.1	74.4	47.3	37.4	28.0	23.0
57.5°	537.6	461.2	381.0	298.3	224.4	155.8	103.9	67.9	44.4	33.7	25.7
55°	650.2	562.3	477.7	389.4	298.3	217.8	142.8	94.1	55.0	39.8	28.4
52.5°	783.0	671.4	570.6	477.7	381.0	281.7	198.3	119.6	78.0	45.7	33.3
50°	914.2	793.7	671.4	562.3	461.2	356.0	252.3	166.0	100.3	55.6	38.4
47.5°	1043.5	914.2	783.0	650.2	537.6	428.2	314.7	213.5	121.8	74.7	43.2
45°	1166.8	1032.3	892.2	751.1	611.4	496.6	378.5	259.3	162.4	93.2	47.9
42.5°	1285.5	1144.8	999.0	848.4	698.3	562.1	439.8	313.1	201.9	110.9	58.8
40°	1425.0	1252.2	1101.2	944.0	784.8	625.4	497.3	366.4	239.7	133.1	73.5
37.5°	1561.7	1369.4	1197.2	1035.4	868.0	701.3	552.1	417.1	278.3	165.0	87.6
35°	1697.8	1491.5	1288.9	1121.3	948.3	773.5	604.1	464.8	321.4	195.2	100.8
32.5°	1827.9	1609.1	1394.8	1201.8	1024.3	841.7	661.0	509.1	362.0	223.6	113.4
30°	1935.4	1723.6	1496.4	1277.5	1095.3	907.0	719.2	550.6	400.0	250.2	127.7
27.5°	2031.6	1830.9	1592.4	1360.7	1160.3	967.9	773.5	589.3	435.4	277.3	149.2
25°	2117.0	1918.5	1684.6	1441.9	1220.4	1024.3	823.6	625.4	467.5	306.1	169.0
22.5°	2185.5	1994.8	1769.2	1516.5	1275.6	1075.9	869.9	666.6	496.6	332.4	187.1
20°	2247.8	2064.2	1846.0	1584.6	1332.4	1121.3	912.1	703.8	522.8	356.0	203.4
17.5°	2350.2	2121.3	1905.2	1647.6	1387.5	1161.8	949.7	736.9	546.2	377.1	217.8
15°	2650.9	2166.5	1955.3	1702.7	1435.7	1197.2	982.6	765.8	566.5	395.4	230.5
12.5°	2908.4	2205.2	1998.1	1749.8	1476.8	1227.4	1010.6	790.5	583.8	411.0	241.2
10°	3121.4	2237.1	2033.4	1788.6	1510.7	1252.2	1033.6	810.7	598.0	423.9	250.0
7.5°	3288.6	2262.2	2061.0	1819.0	1537.2	1271.6	1051.6	826.5	609.2	433.9	256.8
5°	3408.7	2280.1	2080.9	1840.8	1556.2	1285.5	1064.5	837.8	617.1	441.1	261.8
2.5°	3481.1	2291.0	2092.8	1853.9	1567.7	1293.9	1072.2	844.6	621.9	445.4	264.7
0°	3505.3	2294.6	2096.8	1858.3	1571.5	1296.7	1074.8	846.9	623.5	446.8	265.7
-2.5°	3481.1	2291.0	2092.8	1853.9	1567.7	1293.9	1072.2	844.6	621.9	445.4	264.7
-5°	3408.7	2280.1	2080.9	1840.8	1556.2	1285.5	1064.5	837.8	617.1	441.1	261.8
-7.5°	3288.6	2262.2	2061.0	1819.0	1537.2	1271.6	1051.6	826.5	609.2	433.9	256.8
-10°	3121.4	2237.1	2033.4	1788.6	1510.7	1252.2	1033.6	810.7	598.0	423.9	250.0
-12.5°	2908.4	2205.2	1998.1	1749.8	1476.8	1227.4	1010.6	790.5	583.8	411.0	241.2
-15°	2650.9	2166.5	1955.3	1702.7	1435.7	1197.2	982.6	765.8	566.5	395.4	230.5
-17.5°	2350.2	2121.3	1905.2	1647.6	1387.5	1161.8	949.7	736.9	546.2	377.1	217.8
-20°	2247.8	2064.2	1846.0	1584.6	1332.4	1121.3	912.1	703.8	522.8	356.0	203.4



REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2185.5	1994.8	1769.2	1516.5	1275.6	1075.9	869.9	666.6	496.6	332.4	187.1
-25°	2117.0	1918.5	1684.6	1441.9	1220.4	1024.3	823.6	625.4	467.5	306.1	169.0
-27.5°	2031.6	1830.9	1592.4	1360.7	1160.3	967.9	773.5	589.3	435.4	277.3	149.2
-30°	1935.4	1723.6	1496.4	1277.5	1095.3	907.0	719.2	550.6	400.0	250.2	127.7
-32.5°	1827.9	1609.1	1394.8	1201.8	1024.3	841.7	661.0	509.1	362.0	223.6	113.4
-35°	1697.8	1491.5	1288.9	1121.3	948.3	773.5	604.1	464.8	321.4	195.2	100.8
-37.5°	1561.7	1369.4	1197.2	1035.4	868.0	701.3	552.1	417.1	278.3	165.0	87.6
-40°	1425.0	1252.2	1101.2	944.0	784.8	625.4	497.3	366.4	239.7	133.1	73.5
-42.5°	1285.5	1144.8	999.0	848.4	698.3	562.1	439.8	313.1	201.9	110.9	58.8
-45°	1166.8	1032.3	892.2	751.1	611.4	496.6	378.5	259.3	162.4	93.2	47.9
-47.5°	1043.5	914.2	783.0	650.2	537.6	428.2	314.7	213.5	121.8	74.7	43.2
-50°	914.2	793.7	671.4	562.3	461.2	356.0	252.3	166.0	100.3	55.6	38.4
-52.5°	783.0	671.4	570.6	477.7	381.0	281.7	198.3	119.6	78.0	45.7	33.3
-55°	650.2	562.3	477.7	389.4	298.3	217.8	142.8	94.1	55.0	39.8	28.4
-57.5°	537.6	461.2	381.0	298.3	224.4	155.8	103.9	67.9	44.4	33.7	25.7
-60°	428.2	356.0	281.7	217.8	155.8	107.1	74.4	47.3	37.4	28.0	23.0
-62.5°	314.7	252.3	198.3	142.8	103.9	74.4	48.2	39.3	30.2	24.8	20.1
-65°	213.5	166.0	119.6	94.1	67.9	47.3	39.3	31.1	25.8	21.5	17.5
-67.5°	121.8	100.3	78.0	55.0	44.4	37.4	30.2	25.8	22.0	18.2	15.4
-70°	74.7	55.6	45.7	39.8	33.7	28.0	24.8	21.5	18.2	15.8	13.3
-72.5°	43.2	38.4	33.3	28.4	25.7	23.0	20.1	17.5	15.4	13.3	11.2
-75°	29.3	26.9	24.7	22.5	20.2	17.9	16.2	14.4	12.7	10.8	9.6
-77.5°	22.0	20.2	18.4	17.0	15.6	14.2	12.8	11.3	10.1	9.2	8.3
-80°	15.8	14.8	13.8	12.7	11.7	10.6	9.9	9.1	8.4	7.7	6.9
-82.5°	10.8	10.3	9.8	9.3	8.8	8.3	7.8	7.2	6.7	6.1	5.4
-85°	7.6	7.3	7.0	6.7	6.3	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-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: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-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°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.1	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	7.3	6.3	5.2	3.9	2.6	1.3	0.0
75°	8.5	7.3	6.1	4.6	3.1	1.6	0.0
72.5°	9.6	8.3	6.9	5.4	3.6	1.8	0.0
70°	10.8	9.2	7.7	6.1	4.1	2.1	0.0
67.5°	12.7	10.1	8.4	6.7	4.6	2.3	0.0
65°	14.4	11.3	9.1	7.2	5.1	2.5	0.0
62.5°	16.2	12.8	9.9	7.8	5.5	2.8	0.0
60°	17.9	14.2	10.6	8.3	6.0	3.0	0.0
57.5°	20.2	15.6	11.7	8.8	6.3	3.2	0.0
55°	22.5	17.0	12.7	9.3	6.7	3.4	0.0
52.5°	24.7	18.4	13.8	9.8	7.0	3.7	0.0
50°	26.9	20.2	14.8	10.3	7.3	3.9	0.0
47.5°	29.3	22.0	15.8	10.8	7.6	4.1	0.0
45°	33.3	23.6	16.8	11.5	7.9	4.2	0.0
42.5°	37.1	25.2	17.7	12.2	8.2	4.4	0.0
40°	40.8	26.8	18.7	12.8	8.4	4.6	0.0
37.5°	44.3	28.2	19.9	13.4	8.7	4.8	0.0
35°	47.6	30.5	21.0	14.0	8.9	4.9	0.0
32.5°	52.9	33.1	22.0	14.6	9.2	5.1	0.0
30°	62.9	35.5	23.0	15.1	9.4	5.2	0.0
27.5°	72.2	37.7	23.9	15.5	9.6	5.3	0.0
25°	80.7	39.8	24.7	16.0	9.7	5.4	0.0
22.5°	88.5	41.7	25.4	16.4	9.9	5.5	0.0
20°	95.5	43.3	26.1	16.7	10.0	5.6	0.0
17.5°	101.7	44.8	26.7	17.1	10.2	5.7	0.0
15°	107.1	46.2	27.2	17.3	10.3	5.8	0.0
12.5°	111.8	47.3	27.7	17.6	10.4	5.9	0.0
10°	115.5	48.2	28.0	17.8	10.5	5.9	0.0
7.5°	118.5	48.9	28.3	17.9	10.5	5.9	0.0
5°	120.6	49.4	28.5	18.0	10.6	6.0	0.0
2.5°	121.9	49.7	28.7	18.1	10.6	6.0	0.0
0°	122.3	49.8	28.7	18.1	10.6	6.0	0.0
-2.5°	121.9	49.7	28.7	18.1	10.6	6.0	0.0
-5°	120.6	49.4	28.5	18.0	10.6	6.0	0.0
-7.5°	118.5	48.9	28.3	17.9	10.5	5.9	0.0
-10°	115.5	48.2	28.0	17.8	10.5	5.9	0.0
-12.5°	111.8	47.3	27.7	17.6	10.4	5.9	0.0
-15°	107.1	46.2	27.2	17.3	10.3	5.8	0.0
-17.5°	101.7	44.8	26.7	17.1	10.2	5.7	0.0
-20°	95.5	43.3	26.1	16.7	10.0	5.6	0.0



REPORT NUMBER: P1305943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-HEG-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	88.5	41.7	25.4	16.4	9.9	5.5	0.0
-25°	80.7	39.8	24.7	16.0	9.7	5.4	0.0
-27.5°	72.2	37.7	23.9	15.5	9.6	5.3	0.0
-30°	62.9	35.5	23.0	15.1	9.4	5.2	0.0
-32.5°	52.9	33.1	22.0	14.6	9.2	5.1	0.0
-35°	47.6	30.5	21.0	14.0	8.9	4.9	0.0
-37.5°	44.3	28.2	19.9	13.4	8.7	4.8	0.0
-40°	40.8	26.8	18.7	12.8	8.4	4.6	0.0
-42.5°	37.1	25.2	17.7	12.2	8.2	4.4	0.0
-45°	33.3	23.6	16.8	11.5	7.9	4.2	0.0
-47.5°	29.3	22.0	15.8	10.8	7.6	4.1	0.0
-50°	26.9	20.2	14.8	10.3	7.3	3.9	0.0
-52.5°	24.7	18.4	13.8	9.8	7.0	3.7	0.0
-55°	22.5	17.0	12.7	9.3	6.7	3.4	0.0
-57.5°	20.2	15.6	11.7	8.8	6.3	3.2	0.0
-60°	17.9	14.2	10.6	8.3	6.0	3.0	0.0
-62.5°	16.2	12.8	9.9	7.8	5.5	2.8	0.0
-65°	14.4	11.3	9.1	7.2	5.1	2.5	0.0
-67.5°	12.7	10.1	8.4	6.7	4.6	2.3	0.0
-70°	10.8	9.2	7.7	6.1	4.1	2.1	0.0
-72.5°	9.6	8.3	6.9	5.4	3.6	1.8	0.0
-75°	8.5	7.3	6.1	4.6	3.1	1.6	0.0
-77.5°	7.3	6.3	5.2	3.9	2.6	1.3	0.0
-80°	6.1	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)