

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: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-5S-HEG-A**

Issue Date: 2/3/2026

Test Information

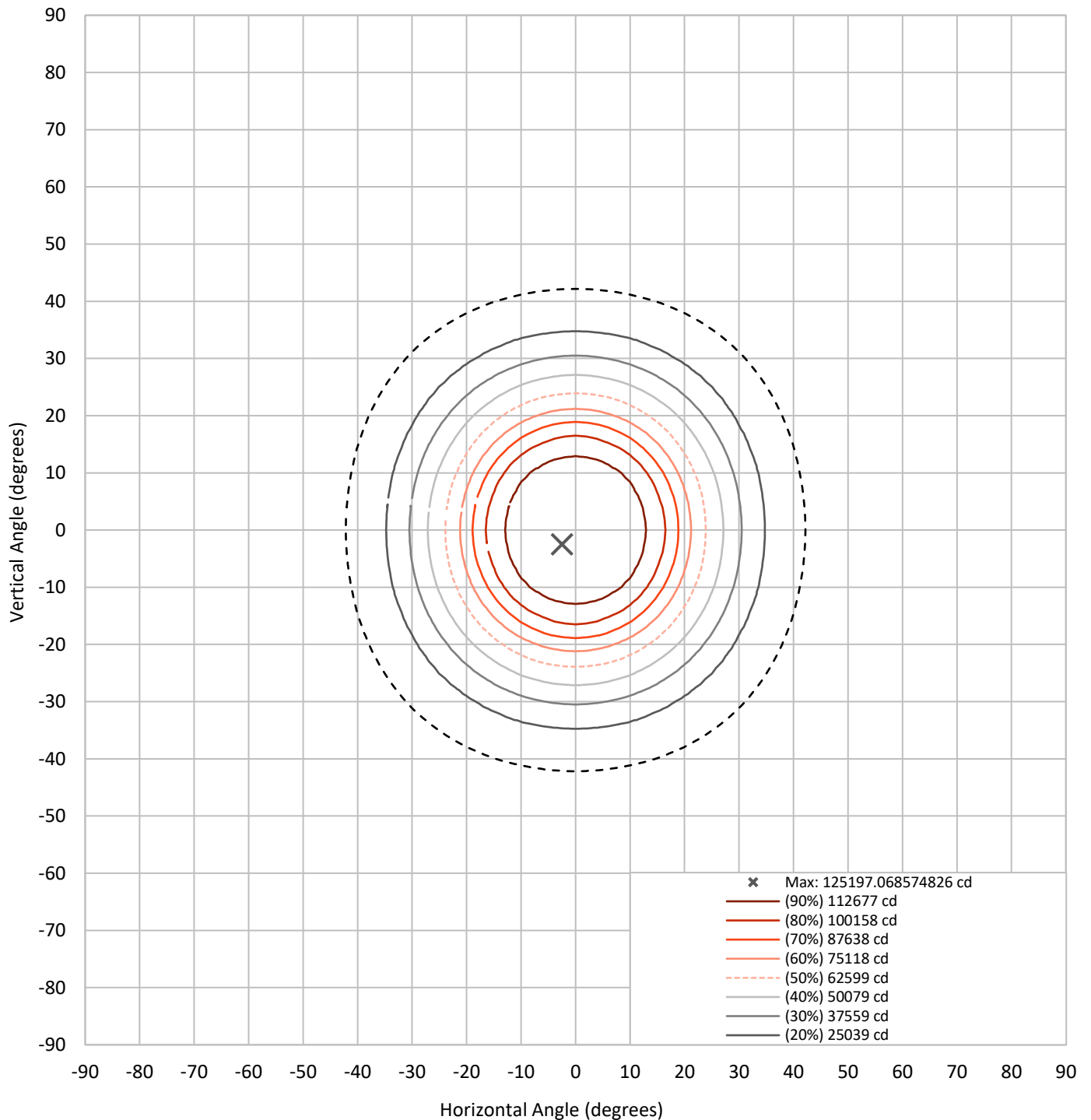
Test Method: LM-79-08
Report Number: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-5S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	91511.6 lumens	Max Intensity:	125197.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	165.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47.6°H x 47.6°V	Field Angle (10%):	84.3°H x 84.3°V
Beam Lumens:	51337.9 lumens	Field Lumens:	85266.1 lumens
Beam Efficiency:	56.1%	Field Efficiency:	93.2%
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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Iso-Candela Plot





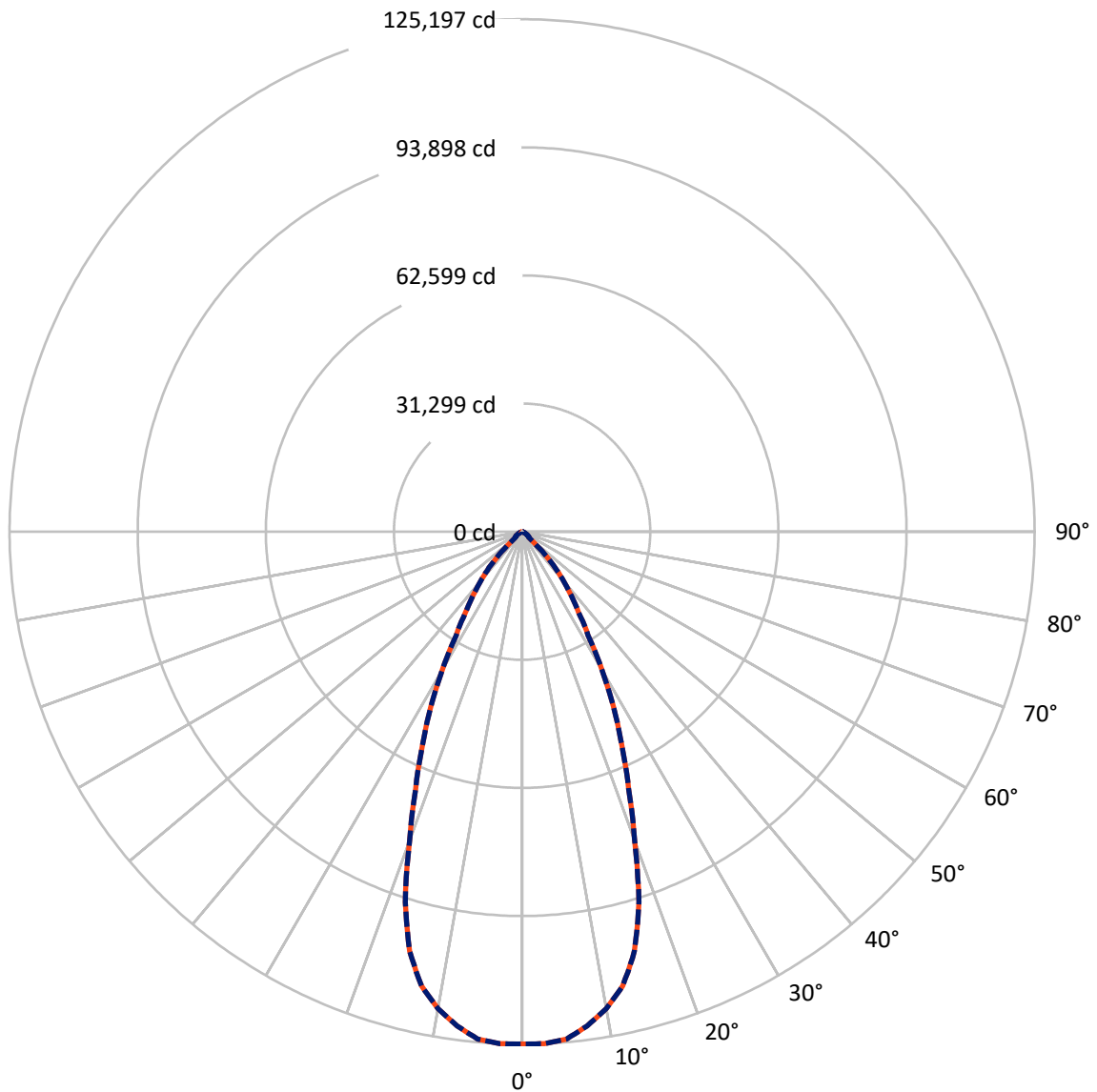
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Lumen Table

90	0.1	0.9	2.9	6.2	7.9	6.2	2.9	0.9	0.1							
80	0.1	0.9	2.9	6.2	7.9	6.2	2.9	0.9	0.1							
70	0.4	0.5	1.5	4.0	8.1	13.2	17.9	20.5	20.5	17.9	13.2	8.1	4.0	1.5	0.5	0.4
60		1.2	4.6	12.6	24.6	37.6	47.4	52.6	52.6	47.4	37.6	24.6	12.6	4.6	1.2	
50	0.9	2.4	10.3	26.2	45.2	81.4	165.9	233.5	233.5	165.9	81.4	45.2	26.2	10.3	2.4	0.9
40		4.3	17.5	39.1	113.6	343.8	580.5	743.7	743.7	580.5	343.8	113.6	39.1	17.5	4.3	
30	1.7	6.4	24.1	64.3	312.4	710.7	1271.9	1707.1	1707.1	1271.9	710.7	312.4	64.3	24.1	6.4	1.7
20		8.1	28.5	124.3	495.5	1197.0	2224.4	3030.5	3030.5	2224.4	1197.0	495.5	124.3	28.5	8.1	
10	2.1	9.0	30.6	169.9	616.5	1559.7	2942.2	3672.7	3672.7	2942.2	1559.7	616.5	169.9	30.6	9.0	2.1
0		9.0	30.6	169.9	616.5	1559.7	2942.2	3672.7	3672.7	2942.2	1559.7	616.5	169.9	30.6	9.0	
-10	1.7	8.1	28.5	124.3	495.5	1197.0	2224.4	3030.5	3030.5	2224.4	1197.0	495.5	124.3	28.5	8.1	1.7
-20		6.4	24.1	64.3	312.4	710.7	1271.9	1707.1	1707.1	1271.9	710.7	312.4	64.3	24.1	6.4	
-30	0.9	4.3	17.5	39.1	113.6	343.8	580.5	743.7	743.7	580.5	343.8	113.6	39.1	17.5	4.3	0.9
-40		2.4	10.3	26.2	45.2	81.4	165.9	233.5	233.5	165.9	81.4	45.2	26.2	10.3	2.4	
-50	0.4	1.2	4.6	12.6	24.6	37.6	47.4	52.6	52.6	47.4	37.6	24.6	12.6	4.6	1.2	0.4
-60		0.5	1.5	4.0	8.1	13.2	17.9	20.5	20.5	17.9	13.2	8.1	4.0	1.5	0.5	
-70	0.1	0.9	2.9	6.2	7.9	6.2	2.9	0.9	0.1							
-80		0.1	0.9	2.9	6.2	7.9	6.2	2.9	0.9	0.1						
-90	0.1	0.9	2.9	6.2	7.9	6.2	2.9	0.9	0.1							

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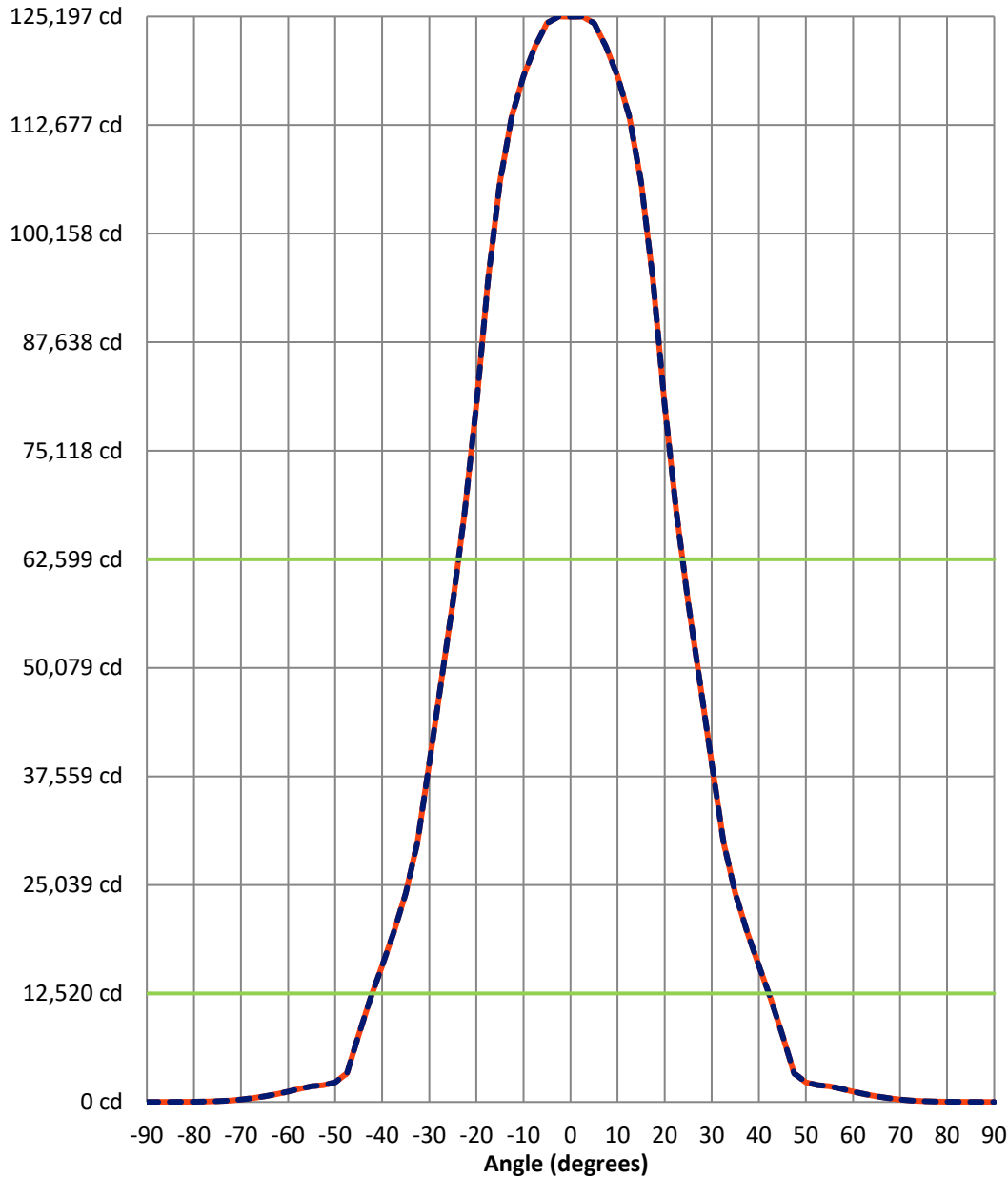
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47.6°
V Angle: 47.6°
Lumens: 51337.9
Efficiency: 56.1%

Field:
H Angle: 84.3°
V Angle: 84.3°
Lumens: 85266.1
Efficiency: 93.2%

Spill:
Lumens: 6245.5
Efficiency: 6.8%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.2	7.0	7.7
80°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
77.5°	0.0	1.3	2.6	4.0	5.3	6.6	7.8	9.1	10.4	11.6	13.0
75°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.4	14.3	16.1
72.5°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.8	14.9	17.1	19.2
70°	0.0	2.1	4.2	6.2	8.3	10.4	12.4	14.9	17.4	19.9	23.2
67.5°	0.0	2.3	4.7	7.0	9.3	11.6	14.3	17.1	19.9	23.7	27.5
65°	0.0	2.6	5.2	7.7	10.3	13.0	16.1	19.2	23.2	27.5	33.2
62.5°	0.0	2.8	5.6	8.4	11.2	14.4	17.9	21.8	26.5	32.1	42.6
60°	0.0	3.0	6.1	9.1	12.2	15.9	19.6	24.7	29.7	40.4	51.8
57.5°	0.0	3.3	6.5	9.8	13.3	17.3	21.9	27.4	36.1	48.5	65.7
55°	0.0	3.5	7.0	10.5	14.4	18.7	24.2	30.1	43.2	57.9	81.7
52.5°	0.0	3.7	7.4	11.1	15.4	20.1	26.4	35.7	50.0	71.8	97.2
50°	0.0	3.9	7.8	11.7	16.5	21.9	28.6	41.5	58.2	85.4	118.3
47.5°	0.0	4.1	8.2	12.4	17.5	23.7	31.1	47.1	69.9	98.5	139.4
45°	0.0	4.3	8.6	13.1	18.4	25.3	35.7	52.5	81.1	116.7	159.7
42.5°	0.0	4.5	9.0	13.8	19.4	26.9	40.1	60.2	91.8	134.2	194.4
40°	0.0	4.7	9.3	14.4	20.4	28.5	44.4	69.1	103.6	151.0	230.1
37.5°	0.0	4.8	9.7	15.1	21.6	29.9	48.4	77.7	117.8	171.1	264.2
35°	0.0	5.0	10.0	15.7	22.7	32.5	52.2	85.7	131.2	200.0	300.9
32.5°	0.0	5.1	10.3	16.2	23.7	35.4	56.6	93.4	143.9	227.2	342.5
30°	0.0	5.3	10.6	16.7	24.7	38.2	62.7	101.2	155.7	252.7	381.4
27.5°	0.0	5.4	10.8	17.2	25.6	40.8	68.3	110.8	170.4	276.5	417.6
25°	0.0	5.5	11.1	17.7	26.4	43.2	73.5	119.6	189.7	303.5	451.4
22.5°	0.0	5.6	11.3	18.1	27.1	45.3	78.2	127.6	207.3	330.8	489.6
20°	0.0	5.7	11.5	18.4	27.8	47.3	82.5	134.9	223.2	355.4	524.0
17.5°	0.0	5.8	11.6	18.7	28.4	49.0	86.3	141.3	237.3	377.2	554.7
15°	0.0	5.9	11.8	19.0	28.9	50.5	89.6	146.9	249.6	396.3	581.4
12.5°	0.0	6.0	11.9	19.3	29.4	51.8	92.4	151.7	260.1	412.5	604.2
10°	0.0	6.0	12.0	19.5	29.7	52.8	94.7	155.6	268.7	425.8	622.9
7.5°	0.0	6.0	12.1	19.6	30.0	53.6	96.5	158.7	275.4	436.3	637.5
5°	0.0	6.1	12.2	19.7	30.2	54.2	97.8	160.8	280.2	443.7	648.0
2.5°	0.0	6.1	12.2	19.8	30.4	54.6	98.5	162.2	283.1	448.2	654.3
0°	0.0	6.1	12.2	19.8	30.4	54.7	98.8	162.6	284.1	449.7	656.4
-2.5°	0.0	6.1	12.2	19.8	30.4	54.7	98.8	162.6	284.1	449.7	656.4
-5°	0.0	6.1	12.2	19.7	30.2	54.2	97.8	160.8	280.2	443.7	648.0
-7.5°	0.0	6.0	12.1	19.6	30.0	53.6	96.5	158.7	275.4	436.3	637.5
-10°	0.0	6.0	12.0	19.5	29.7	52.8	94.7	155.6	268.7	425.8	622.9
-12.5°	0.0	6.0	11.9	19.3	29.4	51.8	92.4	151.7	260.1	412.5	604.2
-15°	0.0	5.9	11.8	19.0	28.9	50.5	89.6	146.9	249.6	396.3	581.4
-17.5°	0.0	5.8	11.6	18.7	28.4	49.0	86.3	141.3	237.3	377.2	554.7
-20°	0.0	5.7	11.5	18.4	27.8	47.3	82.5	134.9	223.2	355.4	524.0



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 CATALOG NUMBER: EPH-08-530N-57-70-5S-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	5.6	11.3	18.1	27.1	45.3	78.2	127.6	207.3	330.8	489.6
-25°	0.0	5.5	11.1	17.7	26.4	43.2	73.5	119.6	189.7	303.5	451.4
-27.5°	0.0	5.4	10.8	17.2	25.6	40.8	68.3	110.8	170.4	276.5	417.6
-30°	0.0	5.3	10.6	16.7	24.7	38.2	62.7	101.2	155.7	252.7	381.4
-32.5°	0.0	5.1	10.3	16.2	23.7	35.4	56.6	93.4	143.9	227.2	342.5
-35°	0.0	5.0	10.0	15.7	22.7	32.5	52.2	85.7	131.2	200.0	300.9
-37.5°	0.0	4.8	9.7	15.1	21.6	29.9	48.4	77.7	117.8	171.1	264.2
-40°	0.0	4.7	9.3	14.4	20.4	28.5	44.4	69.1	103.6	151.0	230.1
-42.5°	0.0	4.5	9.0	13.8	19.4	26.9	40.1	60.2	91.8	134.2	194.4
-45°	0.0	4.3	8.6	13.1	18.4	25.3	35.7	52.5	81.1	116.7	159.7
-47.5°	0.0	4.1	8.2	12.4	17.5	23.7	31.1	47.1	69.9	98.5	139.4
-50°	0.0	3.9	7.8	11.7	16.5	21.9	28.6	41.5	58.2	85.4	118.3
-52.5°	0.0	3.7	7.4	11.1	15.4	20.1	26.4	35.7	50.0	71.8	97.2
-55°	0.0	3.5	7.0	10.5	14.4	18.7	24.2	30.1	43.2	57.9	81.7
-57.5°	0.0	3.3	6.5	9.8	13.3	17.3	21.9	27.4	36.1	48.5	65.7
-60°	0.0	3.0	6.1	9.1	12.2	15.9	19.6	24.7	29.7	40.4	51.8
-62.5°	0.0	2.8	5.6	8.4	11.2	14.4	17.9	21.8	26.5	32.1	42.6
-65°	0.0	2.6	5.2	7.7	10.3	13.0	16.1	19.2	23.2	27.5	33.2
-67.5°	0.0	2.3	4.7	7.0	9.3	11.6	14.3	17.1	19.9	23.7	27.5
-70°	0.0	2.1	4.2	6.2	8.3	10.4	12.4	14.9	17.4	19.9	23.2
-72.5°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.8	14.9	17.1	19.2
-75°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.4	14.3	16.1
-77.5°	0.0	1.3	2.6	4.0	5.3	6.6	7.8	9.1	10.4	11.6	13.0
-80°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.2	7.0	7.7
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-08-530N-57-70-5S-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	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8
85°	5.6	6.1	6.5	7.0	7.4	7.8	8.2	8.6	9.0	9.3	9.7
82.5°	8.4	9.1	9.8	10.5	11.1	11.7	12.4	13.1	13.8	14.4	15.1
80°	11.2	12.2	13.3	14.4	15.4	16.5	17.5	18.4	19.4	20.4	21.6
77.5°	14.4	15.9	17.3	18.7	20.1	21.9	23.7	25.3	26.9	28.5	29.9
75°	17.9	19.6	21.9	24.2	26.4	28.6	31.1	35.7	40.1	44.4	48.4
72.5°	21.8	24.7	27.4	30.1	35.7	41.5	47.1	52.5	60.2	69.1	77.7
70°	26.5	29.7	36.1	43.2	50.0	58.2	69.9	81.1	91.8	103.6	117.8
67.5°	32.1	40.4	48.5	57.9	71.8	85.4	98.5	116.7	134.2	151.0	171.1
65°	42.6	51.8	65.7	81.7	97.2	118.3	139.4	159.7	194.4	230.1	264.2
62.5°	52.9	69.7	87.6	107.9	132.6	156.6	195.5	238.3	279.4	331.5	382.8
60°	69.7	89.6	113.7	141.3	173.3	223.2	271.6	330.8	392.2	451.4	521.7
57.5°	87.6	113.7	144.2	184.5	240.0	297.6	369.2	438.4	518.9	598.9	679.7
55°	107.9	141.3	184.5	245.6	313.0	392.4	474.4	567.7	658.1	763.8	865.0
52.5°	132.6	173.3	240.0	313.0	400.2	494.0	597.3	706.5	824.7	943.2	1069.5
50°	156.6	223.2	297.6	392.4	494.0	607.2	730.9	861.6	1000.6	1141.8	1287.9
47.5°	195.5	271.6	369.2	474.4	597.3	730.9	873.9	1029.5	1185.6	1354.9	1519.7
45°	238.3	330.8	438.4	567.7	706.5	861.6	1029.5	1200.3	1388.7	1565.6	1717.1
42.5°	279.4	392.2	518.9	658.1	824.7	1000.6	1185.6	1388.7	1580.4	1747.2	1857.9
40°	331.5	451.4	598.9	763.8	943.2	1141.8	1354.9	1565.6	1747.2	1864.8	1941.1
37.5°	382.8	521.7	679.7	865.0	1069.5	1287.9	1519.7	1717.1	1857.9	1941.1	2144.5
35°	431.5	588.5	768.6	969.8	1190.0	1435.1	1657.4	1837.4	1927.2	2125.9	2502.9
32.5°	484.4	651.6	852.7	1075.5	1318.5	1569.1	1787.0	1899.4	2070.6	2381.1	3127.4
30°	538.3	722.9	935.5	1175.1	1441.0	1683.1	1858.5	1979.5	2233.7	2941.0	4957.0
27.5°	588.5	790.3	1021.0	1277.4	1552.4	1789.9	1910.0	2123.0	2634.7	3887.7	7345.2
25°	634.8	852.7	1100.1	1375.4	1644.2	1849.4	1978.7	2257.0	3097.6	5984.4	9483.4
22.5°	681.8	910.0	1172.5	1465.3	1728.5	1890.3	2093.4	2612.4	4122.0	7924.4	11445.2
20°	728.6	969.8	1243.3	1544.7	1805.0	1927.5	2197.8	2975.3	5775.8	9598.2	13122.9
17.5°	770.2	1023.0	1309.8	1607.4	1842.3	1985.9	2325.0	3301.2	7264.1	11108.3	14581.9
15°	806.5	1069.5	1367.9	1662.3	1869.1	2061.6	2589.5	4383.8	8532.1	12403.3	15877.1
12.5°	837.5	1109.2	1417.5	1709.2	1892.0	2126.4	2816.1	5423.5	9591.9	13432.4	17040.2
10°	863.0	1141.8	1458.3	1747.8	1910.9	2179.8	3003.5	6284.4	10470.9	14287.5	18008.7
7.5°	882.9	1167.3	1490.3	1778.1	1925.7	2221.8	3150.5	6960.6	11162.2	14961.1	18773.1
5°	897.2	1185.6	1513.2	1799.8	1936.4	2251.9	3256.2	7447.2	11660.1	15446.9	19325.2
2.5°	905.7	1196.6	1527.0	1812.8	1942.8	2270.0	3319.9	7740.6	11960.6	15740.3	19659.0
0°	908.6	1200.3	1531.6	1817.2	1944.9	2276.1	3341.2	7838.7	12061.1	15838.4	19770.7
-2.5°	905.7	1196.6	1527.0	1812.8	1942.8	2270.0	3319.9	7740.6	11960.6	15740.3	19659.0
-5°	897.2	1185.6	1513.2	1799.8	1936.4	2251.9	3256.2	7447.2	11660.1	15446.9	19325.2
-7.5°	882.9	1167.3	1490.3	1778.1	1925.7	2221.8	3150.5	6960.6	11162.2	14961.1	18773.1
-10°	863.0	1141.8	1458.3	1747.8	1910.9	2179.8	3003.5	6284.4	10470.9	14287.5	18008.7
-12.5°	837.5	1109.2	1417.5	1709.2	1892.0	2126.4	2816.1	5423.5	9591.9	13432.4	17040.2
-15°	806.5	1069.5	1367.9	1662.3	1869.1	2061.6	2589.5	4383.8	8532.1	12403.3	15877.1
-17.5°	770.2	1023.0	1309.8	1607.4	1842.3	1985.9	2325.0	3301.2	7264.1	11108.3	14581.9
-20°	728.6	969.8	1243.3	1544.7	1805.0	1927.5	2197.8	2975.3	5775.8	9598.2	13122.9



REPORT NUMBER: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	681.8	910.0	1172.5	1465.3	1728.5	1890.3	2093.4	2612.4	4122.0	7924.4	11445.2
-25°	634.8	852.7	1100.1	1375.4	1644.2	1849.4	1978.7	2257.0	3097.6	5984.4	9483.4
-27.5°	588.5	790.3	1021.0	1277.4	1552.4	1789.9	1910.0	2123.0	2634.7	3887.7	7345.2
-30°	538.3	722.9	935.5	1175.1	1441.0	1683.1	1858.5	1979.5	2233.7	2941.0	4957.0
-32.5°	484.4	651.6	852.7	1075.5	1318.5	1569.1	1787.0	1899.4	2070.6	2381.1	3127.4
-35°	431.5	588.5	768.6	969.8	1190.0	1435.1	1657.4	1837.4	1927.2	2125.9	2502.9
-37.5°	382.8	521.7	679.7	865.0	1069.5	1287.9	1519.7	1717.1	1857.9	1941.1	2144.5
-40°	331.5	451.4	598.9	763.8	943.2	1141.8	1354.9	1565.6	1747.2	1864.8	1941.1
-42.5°	279.4	392.2	518.9	658.1	824.7	1000.6	1185.6	1388.7	1580.4	1747.2	1857.9
-45°	238.3	330.8	438.4	567.7	706.5	861.6	1029.5	1200.3	1388.7	1565.6	1717.1
-47.5°	195.5	271.6	369.2	474.4	597.3	730.9	873.9	1029.5	1185.6	1354.9	1519.7
-50°	156.6	223.2	297.6	392.4	494.0	607.2	730.9	861.6	1000.6	1141.8	1287.9
-52.5°	132.6	173.3	240.0	313.0	400.2	494.0	597.3	706.5	824.7	943.2	1069.5
-55°	107.9	141.3	184.5	245.6	313.0	392.4	474.4	567.7	658.1	763.8	865.0
-57.5°	87.6	113.7	144.2	184.5	240.0	297.6	369.2	438.4	518.9	598.9	679.7
-60°	69.7	89.6	113.7	141.3	173.3	223.2	271.6	330.8	392.2	451.4	521.7
-62.5°	52.9	69.7	87.6	107.9	132.6	156.6	195.5	238.3	279.4	331.5	382.8
-65°	42.6	51.8	65.7	81.7	97.2	118.3	139.4	159.7	194.4	230.1	264.2
-67.5°	32.1	40.4	48.5	57.9	71.8	85.4	98.5	116.7	134.2	151.0	171.1
-70°	26.5	29.7	36.1	43.2	50.0	58.2	69.9	81.1	91.8	103.6	117.8
-72.5°	21.8	24.7	27.4	30.1	35.7	41.5	47.1	52.5	60.2	69.1	77.7
-75°	17.9	19.6	21.9	24.2	26.4	28.6	31.1	35.7	40.1	44.4	48.4
-77.5°	14.4	15.9	17.3	18.7	20.1	21.9	23.7	25.3	26.9	28.5	29.9
-80°	11.2	12.2	13.3	14.4	15.4	16.5	17.5	18.4	19.4	20.4	21.6
-82.5°	8.4	9.1	9.8	10.5	11.1	11.7	12.4	13.1	13.8	14.4	15.1
-85°	5.6	6.1	6.5	7.0	7.4	7.8	8.2	8.6	9.0	9.3	9.7
-87.5°	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	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: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-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°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0
85°	10.0	10.3	10.6	10.8	11.1	11.3	11.5	11.6	11.8	11.9	12.0
82.5°	15.7	16.2	16.7	17.2	17.7	18.1	18.4	18.7	19.0	19.3	19.5
80°	22.7	23.7	24.7	25.6	26.4	27.1	27.8	28.4	28.9	29.4	29.7
77.5°	32.5	35.4	38.2	40.8	43.2	45.3	47.3	49.0	50.5	51.8	52.8
75°	52.2	56.6	62.7	68.3	73.5	78.2	82.5	86.3	89.6	92.4	94.7
72.5°	85.7	93.4	101.2	110.8	119.6	127.6	134.9	141.3	146.9	151.7	155.6
70°	131.2	143.9	155.7	170.4	189.7	207.3	223.2	237.3	249.6	260.1	268.7
67.5°	200.0	227.2	252.7	276.5	303.5	330.8	355.4	377.2	396.3	412.5	425.8
65°	300.9	342.5	381.4	417.6	451.4	489.6	524.0	554.7	581.4	604.2	622.9
62.5°	431.5	484.4	538.3	588.5	634.8	681.8	728.6	770.2	806.5	837.5	863.0
60°	588.5	651.6	722.9	790.3	852.7	910.0	969.8	1023.0	1069.5	1109.2	1141.8
57.5°	768.6	852.7	935.5	1021.0	1100.1	1172.5	1243.3	1309.8	1367.9	1417.5	1458.3
55°	969.8	1075.5	1175.1	1277.4	1375.4	1465.3	1544.7	1607.4	1662.3	1709.2	1747.8
52.5°	1190.0	1318.5	1441.0	1552.4	1644.2	1728.5	1805.0	1842.3	1869.1	1892.0	1910.9
50°	1435.1	1569.1	1683.1	1789.9	1849.4	1890.3	1927.5	1985.9	2061.6	2126.4	2179.8
47.5°	1657.4	1787.0	1858.5	1910.0	1978.7	2093.4	2197.8	2325.0	2589.5	2816.1	3003.5
45°	1837.4	1899.4	1979.5	2123.0	2257.0	2612.4	2975.3	3301.2	4383.8	5423.5	6284.4
42.5°	1927.2	2070.6	2233.7	2634.7	3097.6	4122.0	5775.8	7264.1	8532.1	9591.9	10470.9
40°	2125.9	2381.1	2941.0	3887.7	5984.4	7924.4	9598.2	11108.3	12403.3	13432.4	14287.5
37.5°	2502.9	3127.4	4957.0	7345.2	9483.4	11445.2	13122.9	14581.9	15877.1	17040.2	18008.7
35°	3190.0	5497.6	8153.9	10544.1	12720.8	14603.5	16359.9	17999.9	19458.6	20849.9	22046.6
32.5°	5497.6	8415.5	11081.2	13460.0	15613.5	17704.9	19648.7	21641.1	23434.3	25251.9	27001.6
30°	8153.9	11081.2	13708.6	16137.6	18528.2	20912.6	23283.6	25868.1	28474.5	31038.1	33976.6
27.5°	10544.1	13460.0	16137.6	18805.5	21563.3	24312.7	27727.7	31219.6	35566.1	39378.5	42661.0
25°	12720.8	15613.5	18528.2	21563.3	24768.8	28675.5	33486.6	38696.8	43497.3	47745.4	51334.3
22.5°	14603.5	17704.9	20912.6	24312.7	28675.5	34253.0	40316.0	46052.0	51268.3	55885.9	60076.0
20°	16359.9	19648.7	23283.6	27727.7	33486.6	40316.0	46918.5	53076.3	58822.9	64566.0	69720.5
17.5°	17999.9	21641.1	25868.1	31219.6	38696.8	46052.0	53076.3	59920.7	66893.9	74143.1	80766.4
15°	19458.6	23434.3	28474.5	35566.1	43497.3	51268.3	58822.9	66893.9	75660.1	84502.3	93173.1
12.5°	20849.9	25251.9	31038.1	39378.5	47745.4	55885.9	64566.0	74143.1	84502.3	95279.0	102729.5
10°	22046.6	27001.6	33976.6	42661.0	51334.3	60076.0	69720.5	80766.4	93173.1	102729.5	109895.4
7.5°	22993.2	28389.4	36315.2	45284.6	54211.3	63696.2	74574.3	87099.7	99306.7	108451.5	114243.6
5°	23678.2	29395.9	38015.9	47199.2	56320.1	66365.1	78180.4	91905.0	103457.8	111779.9	116881.8
2.5°	24092.9	30006.1	39049.0	48365.0	57608.3	68002.5	80405.5	94894.5	106071.4	113623.9	118298.8
0°	24231.7	30210.6	39395.5	48756.6	58041.7	68554.6	81158.2	95910.2	106965.5	114190.3	118783.5
-2.5°	24092.9	30006.1	39049.0	48365.0	57608.3	68002.5	80405.5	94894.5	106071.4	113623.9	118298.8
-5°	23678.2	29395.9	38015.9	47199.2	56320.1	66365.1	78180.4	91905.0	103457.8	111779.9	116881.8
-7.5°	22993.2	28389.4	36315.2	45284.6	54211.3	63696.2	74574.3	87099.7	99306.7	108451.5	114243.6
-10°	22046.6	27001.6	33976.6	42661.0	51334.3	60076.0	69720.5	80766.4	93173.1	102729.5	109895.4
-12.5°	20849.9	25251.9	31038.1	39378.5	47745.4	55885.9	64566.0	74143.1	84502.3	95279.0	102729.5
-15°	19458.6	23434.3	28474.5	35566.1	43497.3	51268.3	58822.9	66893.9	75660.1	84502.3	93173.1
-17.5°	17999.9	21641.1	25868.1	31219.6	38696.8	46052.0	53076.3	59920.7	66893.9	74143.1	80766.4
-20°	16359.9	19648.7	23283.6	27727.7	33486.6	40316.0	46918.5	53076.3	58822.9	64566.0	69720.5



REPORT NUMBER: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	14603.5	17704.9	20912.6	24312.7	28675.5	34253.0	40316.0	46052.0	51268.3	55885.9	60076.0
-25°	12720.8	15613.5	18528.2	21563.3	24768.8	28675.5	33486.6	38696.8	43497.3	47745.4	51334.3
-27.5°	10544.1	13460.0	16137.6	18805.5	21563.3	24312.7	27727.7	31219.6	35566.1	39378.5	42661.0
-30°	8153.9	11081.2	13708.6	16137.6	18528.2	20912.6	23283.6	25868.1	28474.5	31038.1	33976.6
-32.5°	5497.6	8415.5	11081.2	13460.0	15613.5	17704.9	19648.7	21641.1	23434.3	25251.9	27001.6
-35°	3190.0	5497.6	8153.9	10544.1	12720.8	14603.5	16359.9	17999.9	19458.6	20849.9	22046.6
-37.5°	2502.9	3127.4	4957.0	7345.2	9483.4	11445.2	13122.9	14581.9	15877.1	17040.2	18008.7
-40°	2125.9	2381.1	2941.0	3887.7	5984.4	7924.4	9598.2	11108.3	12403.3	13432.4	14287.5
-42.5°	1927.2	2070.6	2233.7	2634.7	3097.6	4122.0	5775.8	7264.1	8532.1	9591.9	10470.9
-45°	1837.4	1899.4	1979.5	2123.0	2257.0	2612.4	2975.3	3301.2	4383.8	5423.5	6284.4
-47.5°	1657.4	1787.0	1858.5	1910.0	1978.7	2093.4	2197.8	2325.0	2589.5	2816.1	3003.5
-50°	1435.1	1569.1	1683.1	1789.9	1849.4	1890.3	1927.5	1985.9	2061.6	2126.4	2179.8
-52.5°	1190.0	1318.5	1441.0	1552.4	1644.2	1728.5	1805.0	1842.3	1869.1	1892.0	1910.9
-55°	969.8	1075.5	1175.1	1277.4	1375.4	1465.3	1544.7	1607.4	1662.3	1709.2	1747.8
-57.5°	768.6	852.7	935.5	1021.0	1100.1	1172.5	1243.3	1309.8	1367.9	1417.5	1458.3
-60°	588.5	651.6	722.9	790.3	852.7	910.0	969.8	1023.0	1069.5	1109.2	1141.8
-62.5°	431.5	484.4	538.3	588.5	634.8	681.8	728.6	770.2	806.5	837.5	863.0
-65°	300.9	342.5	381.4	417.6	451.4	489.6	524.0	554.7	581.4	604.2	622.9
-67.5°	200.0	227.2	252.7	276.5	303.5	330.8	355.4	377.2	396.3	412.5	425.8
-70°	131.2	143.9	155.7	170.4	189.7	207.3	223.2	237.3	249.6	260.1	268.7
-72.5°	85.7	93.4	101.2	110.8	119.6	127.6	134.9	141.3	146.9	151.7	155.6
-75°	52.2	56.6	62.7	68.3	73.5	78.2	82.5	86.3	89.6	92.4	94.7
-77.5°	32.5	35.4	38.2	40.8	43.2	45.3	47.3	49.0	50.5	51.8	52.8
-80°	22.7	23.7	24.7	25.6	26.4	27.1	27.8	28.4	28.9	29.4	29.7
-82.5°	15.7	16.2	16.7	17.2	17.7	18.1	18.4	18.7	19.0	19.3	19.5
-85°	10.0	10.3	10.6	10.8	11.1	11.3	11.5	11.6	11.8	11.9	12.0
-87.5°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0
-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: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-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°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8
85°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.6
82.5°	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.5	19.3	19.0	18.7
80°	30.0	30.2	30.4	30.4	30.4	30.2	30.0	29.7	29.4	28.9	28.4
77.5°	53.6	54.2	54.6	54.7	54.6	54.2	53.6	52.8	51.8	50.5	49.0
75°	96.5	97.8	98.5	98.8	98.5	97.8	96.5	94.7	92.4	89.6	86.3
72.5°	158.7	160.8	162.2	162.6	162.2	160.8	158.7	155.6	151.7	146.9	141.3
70°	275.4	280.2	283.1	284.1	283.1	280.2	275.4	268.7	260.1	249.6	237.3
67.5°	436.3	443.7	448.2	449.7	448.2	443.7	436.3	425.8	412.5	396.3	377.2
65°	637.5	648.0	654.3	656.4	654.3	648.0	637.5	622.9	604.2	581.4	554.7
62.5°	882.9	897.2	905.7	908.6	905.7	897.2	882.9	863.0	837.5	806.5	770.2
60°	1167.3	1185.6	1196.6	1200.3	1196.6	1185.6	1167.3	1141.8	1109.2	1069.5	1023.0
57.5°	1490.3	1513.2	1527.0	1531.6	1527.0	1513.2	1490.3	1458.3	1417.5	1367.9	1309.8
55°	1778.1	1799.8	1812.8	1817.2	1812.8	1799.8	1778.1	1747.8	1709.2	1662.3	1607.4
52.5°	1925.7	1936.4	1942.8	1944.9	1942.8	1936.4	1925.7	1910.9	1892.0	1869.1	1842.3
50°	2221.8	2251.9	2270.0	2276.1	2270.0	2251.9	2221.8	2179.8	2126.4	2061.6	1985.9
47.5°	3150.5	3256.2	3319.9	3341.2	3319.9	3256.2	3150.5	3003.5	2816.1	2589.5	2325.0
45°	6960.6	7447.2	7740.6	7838.7	7740.6	7447.2	6960.6	6284.4	5423.5	4383.8	3301.2
42.5°	11162.2	11660.1	11960.6	12061.1	11960.6	11660.1	11162.2	10470.9	9591.9	8532.1	7264.1
40°	14961.1	15446.9	15740.3	15838.4	15740.3	15446.9	14961.1	14287.5	13432.4	12403.3	11108.3
37.5°	18773.1	19325.2	19659.0	19770.7	19659.0	19325.2	18773.1	18008.7	17040.2	15877.1	14581.9
35°	22993.2	23678.2	24092.9	24231.7	24092.9	23678.2	22993.2	22046.6	20849.9	19458.6	17999.9
32.5°	28389.4	29395.9	30006.1	30210.6	30006.1	29395.9	28389.4	27001.6	25251.9	23434.3	21641.1
30°	36315.2	38015.9	39049.0	39395.5	39049.0	38015.9	36315.2	33976.6	31038.1	28474.5	25868.1
27.5°	45284.6	47199.2	48365.0	48756.6	48365.0	47199.2	45284.6	42661.0	39378.5	35566.1	31219.6
25°	54211.3	56320.1	57608.3	58041.7	57608.3	56320.1	54211.3	51334.3	47745.4	43497.3	38696.8
22.5°	63696.2	66365.1	68002.5	68554.6	68002.5	66365.1	63696.2	60076.0	55885.9	51268.3	46052.0
20°	74574.3	78180.4	80405.5	81158.2	80405.5	78180.4	74574.3	69720.5	64566.0	58822.9	53076.3
17.5°	87099.7	91905.0	94894.5	95910.2	94894.5	91905.0	87099.7	80766.4	74143.1	66893.9	59920.7
15°	99306.7	103457.8	106071.4	106965.5	106071.4	103457.8	99306.7	93173.1	84502.3	75660.1	66893.9
12.5°	108451.5	111779.9	113623.9	114190.3	113623.9	111779.9	108451.5	102729.5	95279.0	84502.3	74143.1
10°	114243.6	116881.8	118298.8	118783.5	118298.8	116881.8	114243.6	109895.4	102729.5	93173.1	80766.4
7.5°	117842.7	120298.4	121773.5	122293.4	121773.5	120298.4	117842.7	114243.6	108451.5	99306.7	87099.7
5°	120298.4	122851.8	124435.8	124918.9	124435.8	122851.8	120298.4	116881.8	111779.9	103457.8	91905.0
2.5°	121773.5	124435.8	125197.1	125171.1	125197.1	124435.8	121773.5	118298.8	113623.9	106071.4	94894.5
0°	122293.4	124918.9	125171.1	124688.0	125171.1	124918.9	122293.4	118783.5	114190.3	106965.5	95910.2
-2.5°	121773.5	124435.8	125197.1	125171.1	125197.1	124435.8	121773.5	118298.8	113623.9	106071.4	94894.5
-5°	120298.4	122851.8	124435.8	124918.9	124435.8	122851.8	120298.4	116881.8	111779.9	103457.8	91905.0
-7.5°	117842.7	120298.4	121773.5	122293.4	121773.5	120298.4	117842.7	114243.6	108451.5	99306.7	87099.7
-10°	114243.6	116881.8	118298.8	118783.5	118298.8	116881.8	114243.6	109895.4	102729.5	93173.1	80766.4
-12.5°	108451.5	111779.9	113623.9	114190.3	113623.9	111779.9	108451.5	102729.5	95279.0	84502.3	74143.1
-15°	99306.7	103457.8	106071.4	106965.5	106071.4	103457.8	99306.7	93173.1	84502.3	75660.1	66893.9
-17.5°	87099.7	91905.0	94894.5	95910.2	94894.5	91905.0	87099.7	80766.4	74143.1	66893.9	59920.7
-20°	74574.3	78180.4	80405.5	81158.2	80405.5	78180.4	74574.3	69720.5	64566.0	58822.9	53076.3



REPORT NUMBER: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	63696.2	66365.1	68002.5	68554.6	68002.5	66365.1	63696.2	60076.0	55885.9	51268.3	46052.0
-25°	54211.3	56320.1	57608.3	58041.7	57608.3	56320.1	54211.3	51334.3	47745.4	43497.3	38696.8
-27.5°	45284.6	47199.2	48365.0	48756.6	48365.0	47199.2	45284.6	42661.0	39378.5	35566.1	31219.6
-30°	36315.2	38015.9	39049.0	39395.5	39049.0	38015.9	36315.2	33976.6	31038.1	28474.5	25868.1
-32.5°	28389.4	29395.9	30006.1	30210.6	30006.1	29395.9	28389.4	27001.6	25251.9	23434.3	21641.1
-35°	22993.2	23678.2	24092.9	24231.7	24092.9	23678.2	22993.2	22046.6	20849.9	19458.6	17999.9
-37.5°	18773.1	19325.2	19659.0	19770.7	19659.0	19325.2	18773.1	18008.7	17040.2	15877.1	14581.9
-40°	14961.1	15446.9	15740.3	15838.4	15740.3	15446.9	14961.1	14287.5	13432.4	12403.3	11108.3
-42.5°	11162.2	11660.1	11960.6	12061.1	11960.6	11660.1	11162.2	10470.9	9591.9	8532.1	7264.1
-45°	6960.6	7447.2	7740.6	7838.7	7740.6	7447.2	6960.6	6284.4	5423.5	4383.8	3301.2
-47.5°	3150.5	3256.2	3319.9	3341.2	3319.9	3256.2	3150.5	3003.5	2816.1	2589.5	2325.0
-50°	2221.8	2251.9	2270.0	2276.1	2270.0	2251.9	2221.8	2179.8	2126.4	2061.6	1985.9
-52.5°	1925.7	1936.4	1942.8	1944.9	1942.8	1936.4	1925.7	1910.9	1892.0	1869.1	1842.3
-55°	1778.1	1799.8	1812.8	1817.2	1812.8	1799.8	1778.1	1747.8	1709.2	1662.3	1607.4
-57.5°	1490.3	1513.2	1527.0	1531.6	1527.0	1513.2	1490.3	1458.3	1417.5	1367.9	1309.8
-60°	1167.3	1185.6	1196.6	1200.3	1196.6	1185.6	1167.3	1141.8	1109.2	1069.5	1023.0
-62.5°	882.9	897.2	905.7	908.6	905.7	897.2	882.9	863.0	837.5	806.5	770.2
-65°	637.5	648.0	654.3	656.4	654.3	648.0	637.5	622.9	604.2	581.4	554.7
-67.5°	436.3	443.7	448.2	449.7	448.2	443.7	436.3	425.8	412.5	396.3	377.2
-70°	275.4	280.2	283.1	284.1	283.1	280.2	275.4	268.7	260.1	249.6	237.3
-72.5°	158.7	160.8	162.2	162.6	162.2	160.8	158.7	155.6	151.7	146.9	141.3
-75°	96.5	97.8	98.5	98.8	98.5	97.8	96.5	94.7	92.4	89.6	86.3
-77.5°	53.6	54.2	54.6	54.7	54.6	54.2	53.6	52.8	51.8	50.5	49.0
-80°	30.0	30.2	30.4	30.4	30.4	30.2	30.0	29.7	29.4	28.9	28.4
-82.5°	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.5	19.3	19.0	18.7
-85°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.6
-87.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8
-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: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-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°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
85°	11.5	11.3	11.1	10.8	10.6	10.3	10.0	9.7	9.3	9.0	8.6
82.5°	18.4	18.1	17.7	17.2	16.7	16.2	15.7	15.1	14.4	13.8	13.1
80°	27.8	27.1	26.4	25.6	24.7	23.7	22.7	21.6	20.4	19.4	18.4
77.5°	47.3	45.3	43.2	40.8	38.2	35.4	32.5	29.9	28.5	26.9	25.3
75°	82.5	78.2	73.5	68.3	62.7	56.6	52.2	48.4	44.4	40.1	35.7
72.5°	134.9	127.6	119.6	110.8	101.2	93.4	85.7	77.7	69.1	60.2	52.5
70°	223.2	207.3	189.7	170.4	155.7	143.9	131.2	117.8	103.6	91.8	81.1
67.5°	355.4	330.8	303.5	276.5	252.7	227.2	200.0	171.1	151.0	134.2	116.7
65°	524.0	489.6	451.4	417.6	381.4	342.5	300.9	264.2	230.1	194.4	159.7
62.5°	728.6	681.8	634.8	588.5	538.3	484.4	431.5	382.8	331.5	279.4	238.3
60°	969.8	910.0	852.7	790.3	722.9	651.6	588.5	521.7	451.4	392.2	330.8
57.5°	1243.3	1172.5	1100.1	1021.0	935.5	852.7	768.6	679.7	598.9	518.9	438.4
55°	1544.7	1465.3	1375.4	1277.4	1175.1	1075.5	969.8	865.0	763.8	658.1	567.7
52.5°	1805.0	1728.5	1644.2	1552.4	1441.0	1318.5	1190.0	1069.5	943.2	824.7	706.5
50°	1927.5	1890.3	1849.4	1789.9	1683.1	1569.1	1435.1	1287.9	1141.8	1000.6	861.6
47.5°	2197.8	2093.4	1978.7	1910.0	1858.5	1787.0	1657.4	1519.7	1354.9	1185.6	1029.5
45°	2975.3	2612.4	2257.0	2123.0	1979.5	1899.4	1837.4	1717.1	1565.6	1388.7	1200.3
42.5°	5775.8	4122.0	3097.6	2634.7	2233.7	2070.6	1927.2	1857.9	1747.2	1580.4	1388.7
40°	9598.2	7924.4	5984.4	3887.7	2941.0	2381.1	2125.9	1941.1	1864.8	1747.2	1565.6
37.5°	13122.9	11445.2	9483.4	7345.2	4957.0	3127.4	2502.9	2144.5	1941.1	1857.9	1717.1
35°	16359.9	14603.5	12720.8	10544.1	8153.9	5497.6	3190.0	2502.9	2125.9	1927.2	1837.4
32.5°	19648.7	17704.9	15613.5	13460.0	11081.2	8415.5	5497.6	3127.4	2381.1	2070.6	1899.4
30°	23283.6	20912.6	18528.2	16137.6	13708.6	11081.2	8153.9	4957.0	2941.0	2233.7	1979.5
27.5°	27727.7	24312.7	21563.3	18805.5	16137.6	13460.0	10544.1	7345.2	3887.7	2634.7	2123.0
25°	33486.6	28675.5	24768.8	21563.3	18528.2	15613.5	12720.8	9483.4	5984.4	3097.6	2257.0
22.5°	40316.0	34253.0	28675.5	24312.7	20912.6	17704.9	14603.5	11445.2	7924.4	4122.0	2612.4
20°	46918.5	40316.0	33486.6	27727.7	23283.6	19648.7	16359.9	13122.9	9598.2	5775.8	2975.3
17.5°	53076.3	46052.0	38696.8	31219.6	25868.1	21641.1	17999.9	14581.9	11108.3	7264.1	3301.2
15°	58822.9	51268.3	43497.3	35566.1	28474.5	23434.3	19458.6	15877.1	12403.3	8532.1	4383.8
12.5°	64566.0	55885.9	47745.4	39378.5	31038.1	25251.9	20849.9	17040.2	13432.4	9591.9	5423.5
10°	69720.5	60076.0	51334.3	42661.0	33976.6	27001.6	22046.6	18008.7	14287.5	10470.9	6284.4
7.5°	74574.3	63696.2	54211.3	45284.6	36315.2	28389.4	22993.2	18773.1	14961.1	11162.2	6960.6
5°	78180.4	66365.1	56320.1	47199.2	38015.9	29395.9	23678.2	19325.2	15446.9	11660.1	7447.2
2.5°	80405.5	68002.5	57608.3	48365.0	39049.0	30006.1	24092.9	19659.0	15740.3	11960.6	7740.6
0°	81158.2	68554.6	58041.7	48756.6	39395.5	30210.6	24231.7	19770.7	15838.4	12061.1	7838.7
-2.5°	80405.5	68002.5	57608.3	48365.0	39049.0	30006.1	24092.9	19659.0	15740.3	11960.6	7740.6
-5°	78180.4	66365.1	56320.1	47199.2	38015.9	29395.9	23678.2	19325.2	15446.9	11660.1	7447.2
-7.5°	74574.3	63696.2	54211.3	45284.6	36315.2	28389.4	22993.2	18773.1	14961.1	11162.2	6960.6
-10°	69720.5	60076.0	51334.3	42661.0	33976.6	27001.6	22046.6	18008.7	14287.5	10470.9	6284.4
-12.5°	64566.0	55885.9	47745.4	39378.5	31038.1	25251.9	20849.9	17040.2	13432.4	9591.9	5423.5
-15°	58822.9	51268.3	43497.3	35566.1	28474.5	23434.3	19458.6	15877.1	12403.3	8532.1	4383.8
-17.5°	53076.3	46052.0	38696.8	31219.6	25868.1	21641.1	17999.9	14581.9	11108.3	7264.1	3301.2
-20°	46918.5	40316.0	33486.6	27727.7	23283.6	19648.7	16359.9	13122.9	9598.2	5775.8	2975.3



REPORT NUMBER: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	40316.0	34253.0	28675.5	24312.7	20912.6	17704.9	14603.5	11445.2	7924.4	4122.0	2612.4
-25°	33486.6	28675.5	24768.8	21563.3	18528.2	15613.5	12720.8	9483.4	5984.4	3097.6	2257.0
-27.5°	27727.7	24312.7	21563.3	18805.5	16137.6	13460.0	10544.1	7345.2	3887.7	2634.7	2123.0
-30°	23283.6	20912.6	18528.2	16137.6	13708.6	11081.2	8153.9	4957.0	2941.0	2233.7	1979.5
-32.5°	19648.7	17704.9	15613.5	13460.0	11081.2	8415.5	5497.6	3127.4	2381.1	2070.6	1899.4
-35°	16359.9	14603.5	12720.8	10544.1	8153.9	5497.6	3190.0	2502.9	2125.9	1927.2	1837.4
-37.5°	13122.9	11445.2	9483.4	7345.2	4957.0	3127.4	2502.9	2144.5	1941.1	1857.9	1717.1
-40°	9598.2	7924.4	5984.4	3887.7	2941.0	2381.1	2125.9	1941.1	1864.8	1747.2	1565.6
-42.5°	5775.8	4122.0	3097.6	2634.7	2233.7	2070.6	1927.2	1857.9	1747.2	1580.4	1388.7
-45°	2975.3	2612.4	2257.0	2123.0	1979.5	1899.4	1837.4	1717.1	1565.6	1388.7	1200.3
-47.5°	2197.8	2093.4	1978.7	1910.0	1858.5	1787.0	1657.4	1519.7	1354.9	1185.6	1029.5
-50°	1927.5	1890.3	1849.4	1789.9	1683.1	1569.1	1435.1	1287.9	1141.8	1000.6	861.6
-52.5°	1805.0	1728.5	1644.2	1552.4	1441.0	1318.5	1190.0	1069.5	943.2	824.7	706.5
-55°	1544.7	1465.3	1375.4	1277.4	1175.1	1075.5	969.8	865.0	763.8	658.1	567.7
-57.5°	1243.3	1172.5	1100.1	1021.0	935.5	852.7	768.6	679.7	598.9	518.9	438.4
-60°	969.8	910.0	852.7	790.3	722.9	651.6	588.5	521.7	451.4	392.2	330.8
-62.5°	728.6	681.8	634.8	588.5	538.3	484.4	431.5	382.8	331.5	279.4	238.3
-65°	524.0	489.6	451.4	417.6	381.4	342.5	300.9	264.2	230.1	194.4	159.7
-67.5°	355.4	330.8	303.5	276.5	252.7	227.2	200.0	171.1	151.0	134.2	116.7
-70°	223.2	207.3	189.7	170.4	155.7	143.9	131.2	117.8	103.6	91.8	81.1
-72.5°	134.9	127.6	119.6	110.8	101.2	93.4	85.7	77.7	69.1	60.2	52.5
-75°	82.5	78.2	73.5	68.3	62.7	56.6	52.2	48.4	44.4	40.1	35.7
-77.5°	47.3	45.3	43.2	40.8	38.2	35.4	32.5	29.9	28.5	26.9	25.3
-80°	27.8	27.1	26.4	25.6	24.7	23.7	22.7	21.6	20.4	19.4	18.4
-82.5°	18.4	18.1	17.7	17.2	16.7	16.2	15.7	15.1	14.4	13.8	13.1
-85°	11.5	11.3	11.1	10.8	10.6	10.3	10.0	9.7	9.3	9.0	8.6
-87.5°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-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	3.5	3.3	3.0	2.8	2.6	2.3	2.1	1.8
85°	8.2	7.8	7.4	7.0	6.5	6.1	5.6	5.2	4.7	4.2	3.7
82.5°	12.4	11.7	11.1	10.5	9.8	9.1	8.4	7.7	7.0	6.2	5.5
80°	17.5	16.5	15.4	14.4	13.3	12.2	11.2	10.3	9.3	8.3	7.3
77.5°	23.7	21.9	20.1	18.7	17.3	15.9	14.4	13.0	11.6	10.4	9.1
75°	31.1	28.6	26.4	24.2	21.9	19.6	17.9	16.1	14.3	12.4	10.9
72.5°	47.1	41.5	35.7	30.1	27.4	24.7	21.8	19.2	17.1	14.9	12.8
70°	69.9	58.2	50.0	43.2	36.1	29.7	26.5	23.2	19.9	17.4	14.9
67.5°	98.5	85.4	71.8	57.9	48.5	40.4	32.1	27.5	23.7	19.9	17.1
65°	139.4	118.3	97.2	81.7	65.7	51.8	42.6	33.2	27.5	23.2	19.2
62.5°	195.5	156.6	132.6	107.9	87.6	69.7	52.9	42.6	32.1	26.5	21.8
60°	271.6	223.2	173.3	141.3	113.7	89.6	69.7	51.8	40.4	29.7	24.7
57.5°	369.2	297.6	240.0	184.5	144.2	113.7	87.6	65.7	48.5	36.1	27.4
55°	474.4	392.4	313.0	245.6	184.5	141.3	107.9	81.7	57.9	43.2	30.1
52.5°	597.3	494.0	400.2	313.0	240.0	173.3	132.6	97.2	71.8	50.0	35.7
50°	730.9	607.2	494.0	392.4	297.6	223.2	156.6	118.3	85.4	58.2	41.5
47.5°	873.9	730.9	597.3	474.4	369.2	271.6	195.5	139.4	98.5	69.9	47.1
45°	1029.5	861.6	706.5	567.7	438.4	330.8	238.3	159.7	116.7	81.1	52.5
42.5°	1185.6	1000.6	824.7	658.1	518.9	392.2	279.4	194.4	134.2	91.8	60.2
40°	1354.9	1141.8	943.2	763.8	598.9	451.4	331.5	230.1	151.0	103.6	69.1
37.5°	1519.7	1287.9	1069.5	865.0	679.7	521.7	382.8	264.2	171.1	117.8	77.7
35°	1657.4	1435.1	1190.0	969.8	768.6	588.5	431.5	300.9	200.0	131.2	85.7
32.5°	1787.0	1569.1	1318.5	1075.5	852.7	651.6	484.4	342.5	227.2	143.9	93.4
30°	1858.5	1683.1	1441.0	1175.1	935.5	722.9	538.3	381.4	252.7	155.7	101.2
27.5°	1910.0	1789.9	1552.4	1277.4	1021.0	790.3	588.5	417.6	276.5	170.4	110.8
25°	1978.7	1849.4	1644.2	1375.4	1100.1	852.7	634.8	451.4	303.5	189.7	119.6
22.5°	2093.4	1890.3	1728.5	1465.3	1172.5	910.0	681.8	489.6	330.8	207.3	127.6
20°	2197.8	1927.5	1805.0	1544.7	1243.3	969.8	728.6	524.0	355.4	223.2	134.9
17.5°	2325.0	1985.9	1842.3	1607.4	1309.8	1023.0	770.2	554.7	377.2	237.3	141.3
15°	2589.5	2061.6	1869.1	1662.3	1367.9	1069.5	806.5	581.4	396.3	249.6	146.9
12.5°	2816.1	2126.4	1892.0	1709.2	1417.5	1109.2	837.5	604.2	412.5	260.1	151.7
10°	3003.5	2179.8	1910.9	1747.8	1458.3	1141.8	863.0	622.9	425.8	268.7	155.6
7.5°	3150.5	2221.8	1925.7	1778.1	1490.3	1167.3	882.9	637.5	436.3	275.4	158.7
5°	3256.2	2251.9	1936.4	1799.8	1513.2	1185.6	897.2	648.0	443.7	280.2	160.8
2.5°	3319.9	2270.0	1942.8	1812.8	1527.0	1196.6	905.7	654.3	448.2	283.1	162.2
0°	3341.2	2276.1	1944.9	1817.2	1531.6	1200.3	908.6	656.4	449.7	284.1	162.6
-2.5°	3319.9	2270.0	1942.8	1812.8	1527.0	1196.6	905.7	654.3	448.2	283.1	162.2
-5°	3256.2	2251.9	1936.4	1799.8	1513.2	1185.6	897.2	648.0	443.7	280.2	160.8
-7.5°	3150.5	2221.8	1925.7	1778.1	1490.3	1167.3	882.9	637.5	436.3	275.4	158.7
-10°	3003.5	2179.8	1910.9	1747.8	1458.3	1141.8	863.0	622.9	425.8	268.7	155.6
-12.5°	2816.1	2126.4	1892.0	1709.2	1417.5	1109.2	837.5	604.2	412.5	260.1	151.7
-15°	2589.5	2061.6	1869.1	1662.3	1367.9	1069.5	806.5	581.4	396.3	249.6	146.9
-17.5°	2325.0	1985.9	1842.3	1607.4	1309.8	1023.0	770.2	554.7	377.2	237.3	141.3
-20°	2197.8	1927.5	1805.0	1544.7	1243.3	969.8	728.6	524.0	355.4	223.2	134.9



REPORT NUMBER: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2093.4	1890.3	1728.5	1465.3	1172.5	910.0	681.8	489.6	330.8	207.3	127.6
-25°	1978.7	1849.4	1644.2	1375.4	1100.1	852.7	634.8	451.4	303.5	189.7	119.6
-27.5°	1910.0	1789.9	1552.4	1277.4	1021.0	790.3	588.5	417.6	276.5	170.4	110.8
-30°	1858.5	1683.1	1441.0	1175.1	935.5	722.9	538.3	381.4	252.7	155.7	101.2
-32.5°	1787.0	1569.1	1318.5	1075.5	852.7	651.6	484.4	342.5	227.2	143.9	93.4
-35°	1657.4	1435.1	1190.0	969.8	768.6	588.5	431.5	300.9	200.0	131.2	85.7
-37.5°	1519.7	1287.9	1069.5	865.0	679.7	521.7	382.8	264.2	171.1	117.8	77.7
-40°	1354.9	1141.8	943.2	763.8	598.9	451.4	331.5	230.1	151.0	103.6	69.1
-42.5°	1185.6	1000.6	824.7	658.1	518.9	392.2	279.4	194.4	134.2	91.8	60.2
-45°	1029.5	861.6	706.5	567.7	438.4	330.8	238.3	159.7	116.7	81.1	52.5
-47.5°	873.9	730.9	597.3	474.4	369.2	271.6	195.5	139.4	98.5	69.9	47.1
-50°	730.9	607.2	494.0	392.4	297.6	223.2	156.6	118.3	85.4	58.2	41.5
-52.5°	597.3	494.0	400.2	313.0	240.0	173.3	132.6	97.2	71.8	50.0	35.7
-55°	474.4	392.4	313.0	245.6	184.5	141.3	107.9	81.7	57.9	43.2	30.1
-57.5°	369.2	297.6	240.0	184.5	144.2	113.7	87.6	65.7	48.5	36.1	27.4
-60°	271.6	223.2	173.3	141.3	113.7	89.6	69.7	51.8	40.4	29.7	24.7
-62.5°	195.5	156.6	132.6	107.9	87.6	69.7	52.9	42.6	32.1	26.5	21.8
-65°	139.4	118.3	97.2	81.7	65.7	51.8	42.6	33.2	27.5	23.2	19.2
-67.5°	98.5	85.4	71.8	57.9	48.5	40.4	32.1	27.5	23.7	19.9	17.1
-70°	69.9	58.2	50.0	43.2	36.1	29.7	26.5	23.2	19.9	17.4	14.9
-72.5°	47.1	41.5	35.7	30.1	27.4	24.7	21.8	19.2	17.1	14.9	12.8
-75°	31.1	28.6	26.4	24.2	21.9	19.6	17.9	16.1	14.3	12.4	10.9
-77.5°	23.7	21.9	20.1	18.7	17.3	15.9	14.4	13.0	11.6	10.4	9.1
-80°	17.5	16.5	15.4	14.4	13.3	12.2	11.2	10.3	9.3	8.3	7.3
-82.5°	12.4	11.7	11.1	10.5	9.8	9.1	8.4	7.7	7.0	6.2	5.5
-85°	8.2	7.8	7.4	7.0	6.5	6.1	5.6	5.2	4.7	4.2	3.7
-87.5°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	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: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-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	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
77.5°	7.8	6.6	5.3	4.0	2.6	1.3	0.0
75°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
72.5°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
70°	12.4	10.4	8.3	6.2	4.2	2.1	0.0
67.5°	14.3	11.6	9.3	7.0	4.7	2.3	0.0
65°	16.1	13.0	10.3	7.7	5.2	2.6	0.0
62.5°	17.9	14.4	11.2	8.4	5.6	2.8	0.0
60°	19.6	15.9	12.2	9.1	6.1	3.0	0.0
57.5°	21.9	17.3	13.3	9.8	6.5	3.3	0.0
55°	24.2	18.7	14.4	10.5	7.0	3.5	0.0
52.5°	26.4	20.1	15.4	11.1	7.4	3.7	0.0
50°	28.6	21.9	16.5	11.7	7.8	3.9	0.0
47.5°	31.1	23.7	17.5	12.4	8.2	4.1	0.0
45°	35.7	25.3	18.4	13.1	8.6	4.3	0.0
42.5°	40.1	26.9	19.4	13.8	9.0	4.5	0.0
40°	44.4	28.5	20.4	14.4	9.3	4.7	0.0
37.5°	48.4	29.9	21.6	15.1	9.7	4.8	0.0
35°	52.2	32.5	22.7	15.7	10.0	5.0	0.0
32.5°	56.6	35.4	23.7	16.2	10.3	5.1	0.0
30°	62.7	38.2	24.7	16.7	10.6	5.3	0.0
27.5°	68.3	40.8	25.6	17.2	10.8	5.4	0.0
25°	73.5	43.2	26.4	17.7	11.1	5.5	0.0
22.5°	78.2	45.3	27.1	18.1	11.3	5.6	0.0
20°	82.5	47.3	27.8	18.4	11.5	5.7	0.0
17.5°	86.3	49.0	28.4	18.7	11.6	5.8	0.0
15°	89.6	50.5	28.9	19.0	11.8	5.9	0.0
12.5°	92.4	51.8	29.4	19.3	11.9	6.0	0.0
10°	94.7	52.8	29.7	19.5	12.0	6.0	0.0
7.5°	96.5	53.6	30.0	19.6	12.1	6.0	0.0
5°	97.8	54.2	30.2	19.7	12.2	6.1	0.0
2.5°	98.5	54.6	30.4	19.8	12.2	6.1	0.0
0°	98.8	54.7	30.4	19.8	12.2	6.1	0.0
-2.5°	98.5	54.6	30.4	19.8	12.2	6.1	0.0
-5°	97.8	54.2	30.2	19.7	12.2	6.1	0.0
-7.5°	96.5	53.6	30.0	19.6	12.1	6.0	0.0
-10°	94.7	52.8	29.7	19.5	12.0	6.0	0.0
-12.5°	92.4	51.8	29.4	19.3	11.9	6.0	0.0
-15°	89.6	50.5	28.9	19.0	11.8	5.9	0.0
-17.5°	86.3	49.0	28.4	18.7	11.6	5.8	0.0
-20°	82.5	47.3	27.8	18.4	11.5	5.7	0.0



REPORT NUMBER: P1305945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	78.2	45.3	27.1	18.1	11.3	5.6	0.0
-25°	73.5	43.2	26.4	17.7	11.1	5.5	0.0
-27.5°	68.3	40.8	25.6	17.2	10.8	5.4	0.0
-30°	62.7	38.2	24.7	16.7	10.6	5.3	0.0
-32.5°	56.6	35.4	23.7	16.2	10.3	5.1	0.0
-35°	52.2	32.5	22.7	15.7	10.0	5.0	0.0
-37.5°	48.4	29.9	21.6	15.1	9.7	4.8	0.0
-40°	44.4	28.5	20.4	14.4	9.3	4.7	0.0
-42.5°	40.1	26.9	19.4	13.8	9.0	4.5	0.0
-45°	35.7	25.3	18.4	13.1	8.6	4.3	0.0
-47.5°	31.1	23.7	17.5	12.4	8.2	4.1	0.0
-50°	28.6	21.9	16.5	11.7	7.8	3.9	0.0
-52.5°	26.4	20.1	15.4	11.1	7.4	3.7	0.0
-55°	24.2	18.7	14.4	10.5	7.0	3.5	0.0
-57.5°	21.9	17.3	13.3	9.8	6.5	3.3	0.0
-60°	19.6	15.9	12.2	9.1	6.1	3.0	0.0
-62.5°	17.9	14.4	11.2	8.4	5.6	2.8	0.0
-65°	16.1	13.0	10.3	7.7	5.2	2.6	0.0
-67.5°	14.3	11.6	9.3	7.0	4.7	2.3	0.0
-70°	12.4	10.4	8.3	6.2	4.2	2.1	0.0
-72.5°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
-75°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
-77.5°	7.8	6.6	5.3	4.0	2.6	1.3	0.0
-80°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	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)