

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: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/3/2026

Test Information

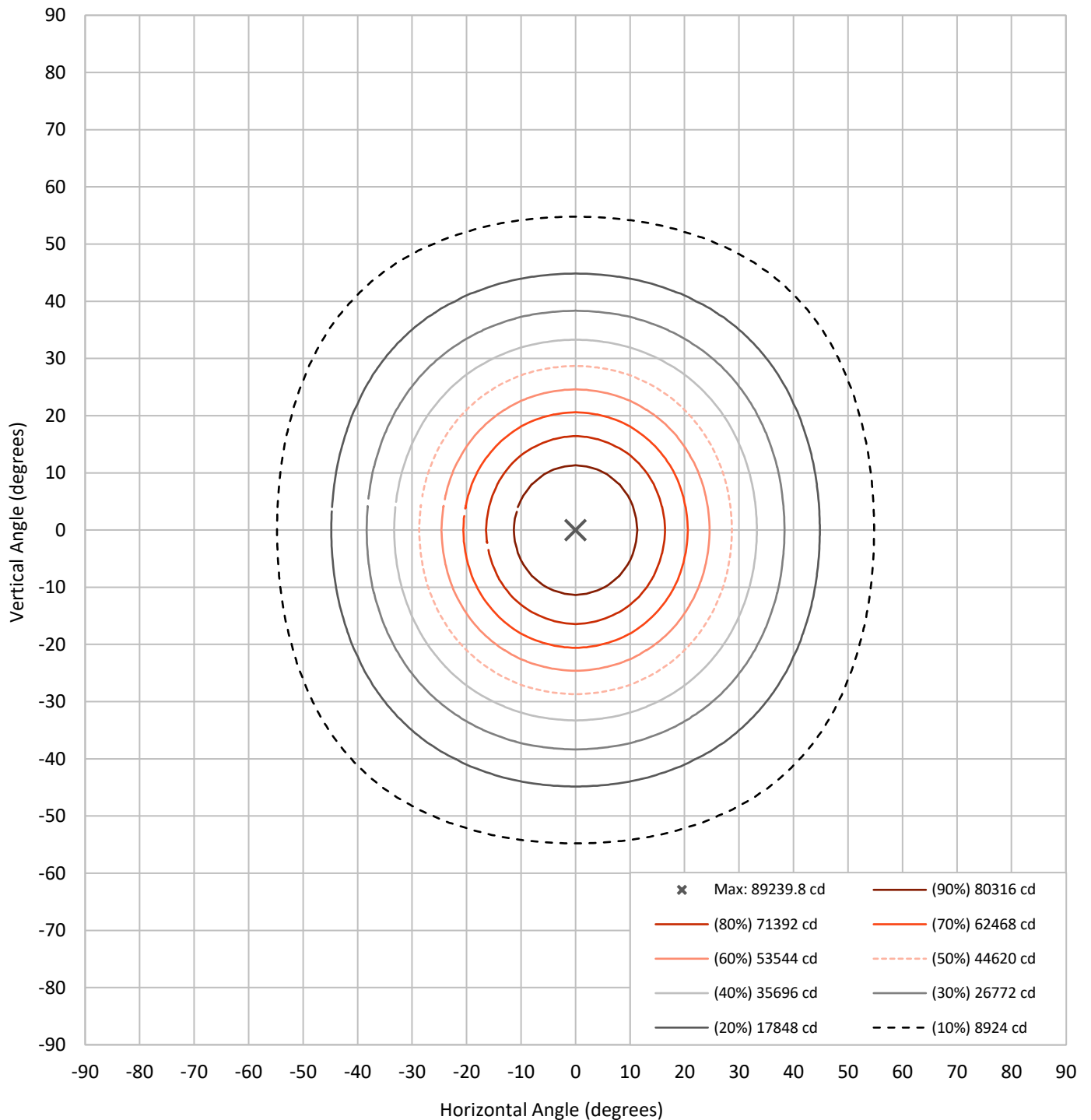
Test Method: LM-79-08
Report Number: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-7)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-70-7F-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 7F BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	100689.6 lumens	Max Intensity:	89239.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.4°H x 57.4°V	Field Angle (10%):	109.4°H x 109.4°V
Beam Lumens:	49589.6 lumens	Field Lumens:	91347.2 lumens
Beam Efficiency:	49.2%	Field Efficiency:	90.7%
Input Watts (W):	688		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





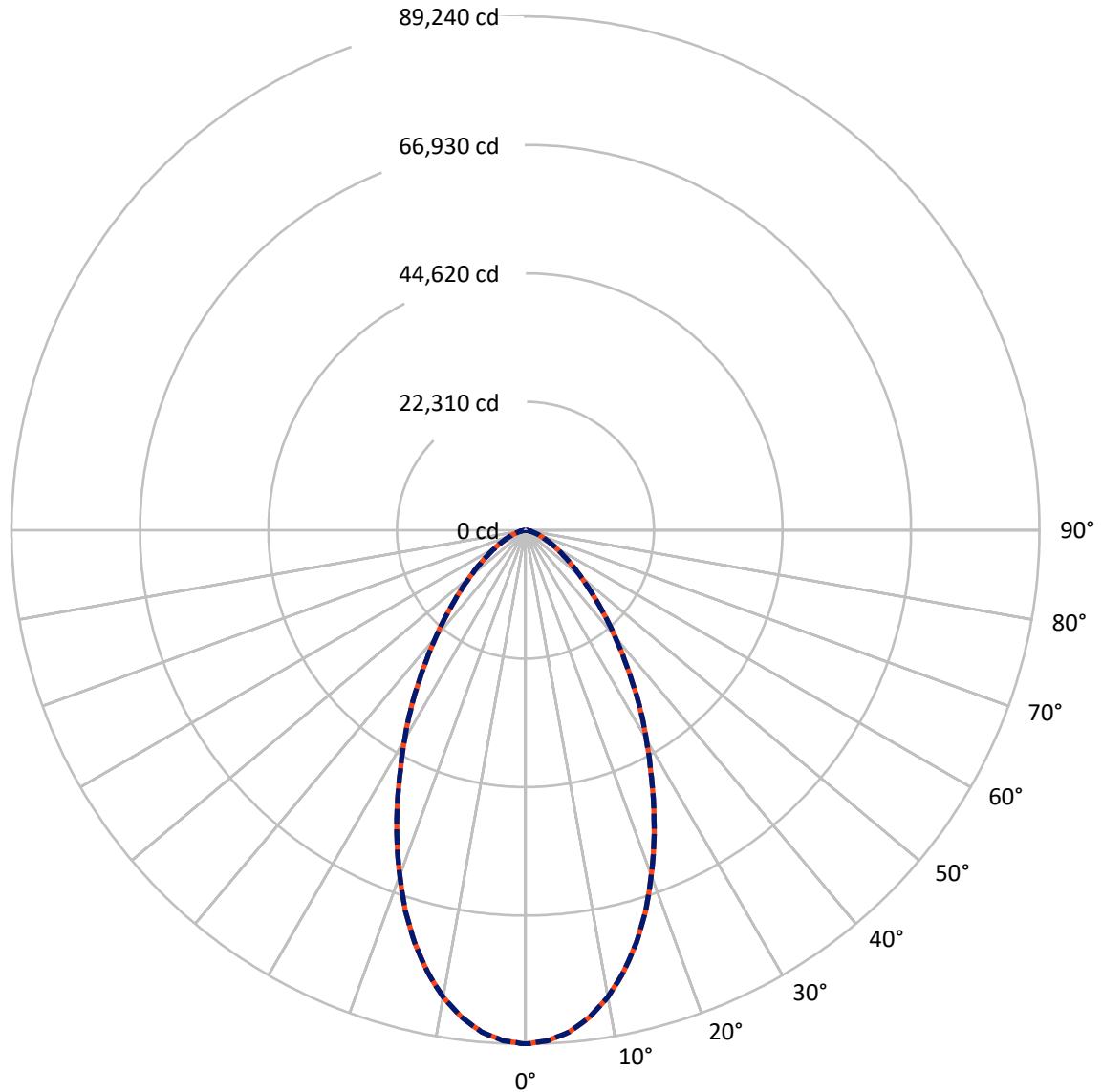
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Lumen Table

90																			
80	1.2	13.6		46.2		84.6		101.3		84.6		46.2		13.6		1.2			
70																			
60	6.5	8.9	22.2	42.1	66.2	90.9	111.6	123.1	123.1	111.6	90.9	66.2	42.1	22.2	8.9	6.5			
50		16.6	41.8	80.2	130.3	186.5	237.0	266.9	266.9	237.0	186.5	130.3	80.2	41.8	16.6				
40	15.3	25.6	65.4	131.5	228.1	346.7	460.8	531.8	531.8	460.8	346.7	228.1	131.5	65.4	25.6	15.3			
30		34.8	92.1	197.6	367.1	592.2	821.2	968.8	968.8	821.2	592.2	367.1	197.6	92.1	34.8				
20	23.1	43.3	119.4	272.2	536.6	908.4	1297.2	1556.3	1556.3	1297.2	908.4	536.6	272.2	119.4	43.3	23.1			
10		50.0	142.6	340.0	699.4	1219.1	1789.9	2174.8	2174.8	1789.9	1219.1	699.4	340.0	142.6	50.0				
0	26.2	53.5	155.8	380.8	800.7	1419.4	2110.4	2560.5	2560.5	2110.4	1419.4	800.7	380.8	155.8	53.5	26.2			
-10		53.5	155.8	380.8	800.7	1419.4	2110.4	2560.5	2560.5	2110.4	1419.4	800.7	380.8	155.8	53.5				
-20	23.1	50.0	142.6	340.0	699.4	1219.1	1789.9	2174.8	2174.8	1789.9	1219.1	699.4	340.0	142.6	50.0	23.1			
-30		43.3	119.4	272.2	536.6	908.4	1297.2	1556.3	1556.3	1297.2	908.4	536.6	272.2	119.4	43.3				
-40	15.3	34.8	92.1	197.6	367.1	592.2	821.2	968.8	968.8	821.2	592.2	367.1	197.6	92.1	34.8	15.3			
-50		25.6	65.4	131.5	228.1	346.7	460.8	531.8	531.8	460.8	346.7	228.1	131.5	65.4	25.6				
-60	6.5	16.6	41.8	80.2	130.3	186.5	237.0	266.9	266.9	237.0	186.5	130.3	80.2	41.8	16.6	6.5			
-70		8.9	22.2	42.1	66.2	90.9	111.6	123.1	123.1	111.6	90.9	66.2	42.1	22.2	8.9				
-80																			
-90	1.2	13.6		46.2		84.6		101.3		84.6		46.2		13.6		1.2			

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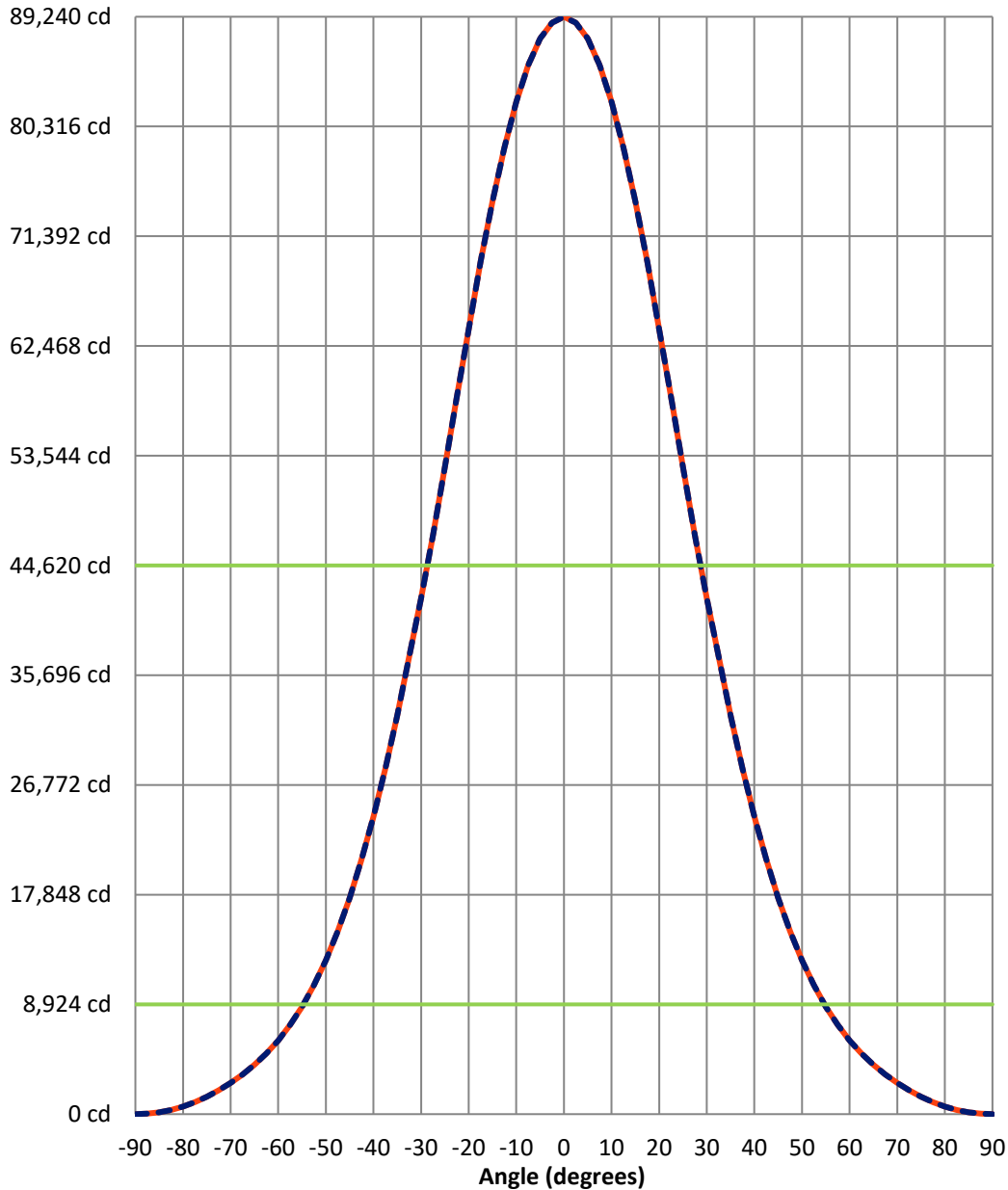
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 57.4°
 V Angle: 57.4°
 Lumens: 49589.6
 Efficiency: 49.2%

Field:
 H Angle: 109.4°
 V Angle: 109.4°
 Lumens: 91347.2
 Efficiency: 90.7%

Spill:
 Lumens: 9342.4
 Efficiency: 9.3%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	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	2.0	4.0	5.9	7.9	9.8	11.7	13.6	15.5	17.4	19.2
85°	0.0	4.0	7.9	11.8	15.7	19.6	23.5	27.3	31.0	34.7	38.3
82.5°	0.0	5.9	11.8	17.7	23.6	29.4	35.2	40.8	47.8	60.4	72.8
80°	0.0	7.9	15.7	23.6	31.4	39.1	48.5	65.8	82.8	99.6	116.1
77.5°	0.0	9.8	19.6	29.4	39.1	53.1	74.8	96.3	117.6	138.5	167.5
75°	0.0	11.7	23.5	35.2	48.5	74.8	100.9	126.6	154.7	200.5	245.4
72.5°	0.0	13.6	27.3	40.8	65.8	96.3	126.6	163.0	217.0	270.2	322.6
70°	0.0	15.5	31.0	47.8	82.8	117.6	154.7	217.0	278.5	339.9	428.3
67.5°	0.0	17.4	34.7	60.4	99.6	138.5	200.5	270.2	339.9	440.6	539.7
65°	0.0	19.2	38.3	72.8	116.1	167.5	245.4	322.6	428.3	539.7	658.6
62.5°	0.0	21.0	41.9	84.9	132.2	204.4	289.6	391.4	515.0	642.7	797.2
60°	0.0	22.7	45.4	96.8	148.0	240.4	332.7	465.9	599.9	765.3	933.2
57.5°	0.0	24.4	53.0	108.3	175.5	275.5	392.8	538.6	701.8	885.2	1086.2
55°	0.0	26.0	60.5	119.6	202.9	309.8	453.6	609.5	805.9	1007.9	1244.9
52.5°	0.0	27.6	67.8	130.5	229.5	345.6	512.6	695.8	907.0	1147.1	1399.5
50°	0.0	29.2	74.8	141.1	255.2	393.2	569.8	781.6	1011.5	1282.1	1576.2
47.5°	0.0	30.7	81.6	153.3	280.0	439.1	627.2	864.5	1127.5	1412.7	1750.3
45°	0.0	32.1	88.1	171.1	303.8	483.3	695.5	944.3	1239.1	1562.9	1918.3
42.5°	0.0	33.5	94.4	188.2	326.7	525.7	760.9	1030.7	1346.3	1707.8	2098.8
40°	0.0	34.8	100.3	204.6	353.7	566.1	823.4	1120.1	1455.4	1846.5	2274.8
37.5°	0.0	36.0	106.0	220.1	384.4	604.5	882.9	1205.1	1572.3	1983.6	2442.6
35°	0.0	37.2	111.3	234.7	413.4	647.6	939.1	1285.6	1683.0	2126.1	2610.0
32.5°	0.0	38.3	116.3	248.5	440.6	691.5	995.4	1361.4	1787.3	2260.4	2780.7
30°	0.0	39.3	121.0	261.4	466.1	732.6	1055.9	1435.6	1884.9	2386.2	2940.7
27.5°	0.0	40.3	125.4	273.3	489.7	770.7	1112.0	1514.5	1980.3	2503.2	3089.7
25°	0.0	41.1	129.4	284.3	511.4	805.7	1163.7	1587.2	2075.5	2620.7	3228.1
22.5°	0.0	41.9	133.0	294.3	531.2	837.7	1210.8	1653.5	2162.4	2732.7	3374.4
20°	0.0	42.7	136.3	303.3	549.0	866.5	1253.3	1713.2	2240.7	2833.7	3506.6
17.5°	0.0	43.3	139.2	311.2	564.9	892.0	1291.0	1766.3	2310.3	2923.5	3624.1
15°	0.0	43.9	141.7	318.2	578.6	914.2	1323.8	1812.5	2371.0	3001.9	3726.7
12.5°	0.0	44.3	143.9	324.1	590.3	933.2	1351.7	1851.9	2422.6	3068.6	3814.1
10°	0.0	44.7	145.7	328.9	599.9	948.7	1374.6	1884.2	2465.0	3123.4	3885.9
7.5°	0.0	45.0	147.0	332.7	607.4	960.8	1392.5	1909.4	2498.1	3166.2	3942.1
5°	0.0	45.2	148.0	335.4	612.8	969.5	1405.3	1927.4	2521.8	3196.8	3982.3
2.5°	0.0	45.4	148.6	337.1	616.0	974.7	1413.0	1938.3	2536.0	3215.3	4006.4
0°	0.0	45.4	148.8	337.6	617.1	976.4	1415.6	1941.9	2540.8	3221.4	4014.5
-2.5°	0.0	45.4	148.6	337.1	616.0	974.7	1413.0	1938.3	2536.0	3215.3	4006.4
-5°	0.0	45.2	148.0	335.4	612.8	969.5	1405.3	1927.4	2521.8	3196.8	3982.3
-7.5°	0.0	45.0	147.0	332.7	607.4	960.8	1392.5	1909.4	2498.1	3166.2	3942.1
-10°	0.0	44.7	145.7	328.9	599.9	948.7	1374.6	1884.2	2465.0	3123.4	3885.9
-12.5°	0.0	44.3	143.9	324.1	590.3	933.2	1351.7	1851.9	2422.6	3068.6	3814.1
-15°	0.0	43.9	141.7	318.2	578.6	914.2	1323.8	1812.5	2371.0	3001.9	3726.7
-17.5°	0.0	43.3	139.2	311.2	564.9	892.0	1291.0	1766.3	2310.3	2923.5	3624.1
-20°	0.0	42.7	136.3	303.3	549.0	866.5	1253.3	1713.2	2240.7	2833.7	3506.6



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 CATALOG NUMBER: EPH-08-680N-57-70-7F-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	41.9	133.0	294.3	531.2	837.7	1210.8	1653.5	2162.4	2732.7	3374.4
-25°	0.0	41.1	129.4	284.3	511.4	805.7	1163.7	1587.2	2075.5	2620.7	3228.1
-27.5°	0.0	40.3	125.4	273.3	489.7	770.7	1112.0	1514.5	1980.3	2503.2	3089.7
-30°	0.0	39.3	121.0	261.4	466.1	732.6	1055.9	1435.6	1884.9	2386.2	2940.7
-32.5°	0.0	38.3	116.3	248.5	440.6	691.5	995.4	1361.4	1787.3	2260.4	2780.7
-35°	0.0	37.2	111.3	234.7	413.4	647.6	939.1	1285.6	1683.0	2126.1	2610.0
-37.5°	0.0	36.0	106.0	220.1	384.4	604.5	882.9	1205.1	1572.3	1983.6	2442.6
-40°	0.0	34.8	100.3	204.6	353.7	566.1	823.4	1120.1	1455.4	1846.5	2274.8
-42.5°	0.0	33.5	94.4	188.2	326.7	525.7	760.9	1030.7	1346.3	1707.8	2098.8
-45°	0.0	32.1	88.1	171.1	303.8	483.3	695.5	944.3	1239.1	1562.9	1918.3
-47.5°	0.0	30.7	81.6	153.3	280.0	439.1	627.2	864.5	1127.5	1412.7	1750.3
-50°	0.0	29.2	74.8	141.1	255.2	393.2	569.8	781.6	1011.5	1282.1	1576.2
-52.5°	0.0	27.6	67.8	130.5	229.5	345.6	512.6	695.8	907.0	1147.1	1399.5
-55°	0.0	26.0	60.5	119.6	202.9	309.8	453.6	609.5	805.9	1007.9	1244.9
-57.5°	0.0	24.4	53.0	108.3	175.5	275.5	392.8	538.6	701.8	885.2	1086.2
-60°	0.0	22.7	45.4	96.8	148.0	240.4	332.7	465.9	599.9	765.3	933.2
-62.5°	0.0	21.0	41.9	84.9	132.2	204.4	289.6	391.4	515.0	642.7	797.2
-65°	0.0	19.2	38.3	72.8	116.1	167.5	245.4	322.6	428.3	539.7	658.6
-67.5°	0.0	17.4	34.7	60.4	99.6	138.5	200.5	270.2	339.9	440.6	539.7
-70°	0.0	15.5	31.0	47.8	82.8	117.6	154.7	217.0	278.5	339.9	428.3
-72.5°	0.0	13.6	27.3	40.8	65.8	96.3	126.6	163.0	217.0	270.2	322.6
-75°	0.0	11.7	23.5	35.2	48.5	74.8	100.9	126.6	154.7	200.5	245.4
-77.5°	0.0	9.8	19.6	29.4	39.1	53.1	74.8	96.3	117.6	138.5	167.5
-80°	0.0	7.9	15.7	23.6	31.4	39.1	48.5	65.8	82.8	99.6	116.1
-82.5°	0.0	5.9	11.8	17.7	23.6	29.4	35.2	40.8	47.8	60.4	72.8
-85°	0.0	4.0	7.9	11.8	15.7	19.6	23.5	27.3	31.0	34.7	38.3
-87.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.7	13.6	15.5	17.4	19.2
-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: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-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°	21.0	22.7	24.4	26.0	27.6	29.2	30.7	32.1	33.5	34.8	36.0
85°	41.9	45.4	53.0	60.5	67.8	74.8	81.6	88.1	94.4	100.3	106.0
82.5°	84.9	96.8	108.3	119.6	130.5	141.1	153.3	171.1	188.2	204.6	220.1
80°	132.2	148.0	175.5	202.9	229.5	255.2	280.0	303.8	326.7	353.7	384.4
77.5°	204.4	240.4	275.5	309.8	345.6	393.2	439.1	483.3	525.7	566.1	604.5
75°	289.6	332.7	392.8	453.6	512.6	569.8	627.2	695.5	760.9	823.4	882.9
72.5°	391.4	465.9	538.6	609.5	695.8	781.6	864.5	944.3	1030.7	1120.1	1205.1
70°	515.0	599.9	701.8	805.9	907.0	1011.5	1127.5	1239.1	1346.3	1455.4	1572.3
67.5°	642.7	765.3	885.2	1007.9	1147.1	1282.1	1412.7	1562.9	1707.8	1846.5	1983.6
65°	797.2	933.2	1086.2	1244.9	1399.5	1576.2	1750.3	1918.3	2098.8	2274.8	2442.6
62.5°	949.2	1125.5	1304.0	1491.0	1694.7	1892.6	2104.1	2314.9	2517.7	2735.5	2946.3
60°	1125.5	1323.8	1538.5	1766.3	1994.8	2240.7	2479.1	2732.7	2985.0	3228.1	3497.6
57.5°	1304.0	1538.5	1790.2	2049.6	2323.3	2596.4	2890.4	3174.9	3486.9	3794.0	4099.2
55°	1491.0	1766.3	2049.6	2350.9	2659.7	2985.8	3316.3	3674.2	4020.7	4404.8	4772.7
52.5°	1694.7	1994.8	2323.3	2659.7	3017.8	3391.3	3787.6	4196.6	4626.1	5056.2	5512.7
50°	1892.6	2240.7	2596.4	2985.8	3391.3	3825.6	4285.2	4760.2	5263.6	5774.1	6324.3
47.5°	2104.1	2479.1	2890.4	3316.3	3787.6	4285.2	4805.1	5368.1	5932.4	6583.5	7220.9
45°	2314.9	2732.7	3174.9	3674.2	4196.6	4760.2	5368.1	5985.5	6714.2	7441.0	8217.0
42.5°	2517.7	2985.0	3486.9	4020.7	4626.1	5263.6	5932.4	6714.2	7517.0	8371.2	9292.3
40°	2735.5	3228.1	3794.0	4404.8	5056.2	5774.1	6583.5	7441.0	8371.2	9387.2	10441.9
37.5°	2946.3	3497.6	4099.2	4772.7	5512.7	6324.3	7220.9	8217.0	9292.3	10441.9	11708.8
35°	3146.5	3753.8	4422.2	5152.2	5948.4	6893.7	7911.2	9009.2	10248.7	11595.7	13013.2
32.5°	3354.4	3996.0	4728.0	5534.4	6442.8	7458.8	8574.8	9865.8	11258.8	12742.8	14398.7
30°	3561.2	4256.1	5028.3	5894.4	6916.6	8042.6	9300.1	10704.4	12252.0	13985.2	15843.9
27.5°	3753.8	4501.3	5337.2	6283.7	7373.4	8590.0	10011.5	11578.2	13305.7	15201.4	17278.9
25°	3931.7	4728.0	5623.1	6662.7	7843.4	9174.9	10699.7	12393.6	14332.6	16461.2	18799.1
22.5°	4106.9	4936.2	5885.2	7010.4	8275.2	9739.6	11397.7	13256.2	15342.1	17639.2	20258.7
20°	4276.8	5152.2	6151.8	7333.9	8667.1	10252.8	12033.1	14061.2	16335.8	18884.5	21693.4
17.5°	4428.0	5344.5	6408.8	7655.0	9076.6	10743.3	12618.6	14784.2	17230.1	20008.0	23035.1
15°	4560.1	5512.7	6633.6	7936.2	9446.9	11204.1	13205.3	15499.4	18091.3	21031.6	24229.2
12.5°	4672.6	5656.0	6825.4	8176.3	9763.3	11598.4	13708.1	16124.2	18879.8	21978.0	25387.6
10°	4765.2	5774.1	6983.5	8374.3	10024.5	11924.0	14123.8	16641.5	19533.8	22764.4	26352.2
7.5°	4837.6	5866.3	7107.0	8529.2	10229.0	12179.3	14450.0	17047.8	20048.1	23383.8	27113.5
5°	4889.4	5932.4	7195.7	8640.4	10375.8	12362.6	14684.5	17340.2	20418.6	23830.5	27663.4
2.5°	4920.6	5972.2	7249.0	8707.3	10464.2	12473.1	14825.8	17516.5	20642.2	24100.4	27995.9
0°	4931.0	5985.5	7266.8	8729.6	10493.7	12510.0	14873.0	17575.4	20716.9	24190.6	28107.1
-2.5°	4920.6	5972.2	7249.0	8707.3	10464.2	12473.1	14825.8	17516.5	20642.2	24100.4	27995.9
-5°	4889.4	5932.4	7195.7	8640.4	10375.8	12362.6	14684.5	17340.2	20418.6	23830.5	27663.4
-7.5°	4837.6	5866.3	7107.0	8529.2	10229.0	12179.3	14450.0	17047.8	20048.1	23383.8	27113.5
-10°	4765.2	5774.1	6983.5	8374.3	10024.5	11924.0	14123.8	16641.5	19533.8	22764.4	26352.2
-12.5°	4672.6	5656.0	6825.4	8176.3	9763.3	11598.4	13708.1	16124.2	18879.8	21978.0	25387.6
-15°	4560.1	5512.7	6633.6	7936.2	9446.9	11204.1	13205.3	15499.4	18091.3	21031.6	24229.2
-17.5°	4428.0	5344.5	6408.8	7655.0	9076.6	10743.3	12618.6	14784.2	17230.1	20008.0	23035.1
-20°	4276.8	5152.2	6151.8	7333.9	8667.1	10252.8	12033.1	14061.2	16335.8	18884.5	21693.4



REPORT NUMBER: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4106.9	4936.2	5885.2	7010.4	8275.2	9739.6	11397.7	13256.2	15342.1	17639.2	20258.7
-25°	3931.7	4728.0	5623.1	6662.7	7843.4	9174.9	10699.7	12393.6	14332.6	16461.2	18799.1
-27.5°	3753.8	4501.3	5337.2	6283.7	7373.4	8590.0	10011.5	11578.2	13305.7	15201.4	17278.9
-30°	3561.2	4256.1	5028.3	5894.4	6916.6	8042.6	9300.1	10704.4	12252.0	13985.2	15843.9
-32.5°	3354.4	3996.0	4728.0	5534.4	6442.8	7458.8	8574.8	9865.8	11258.8	12742.8	14398.7
-35°	3146.5	3753.8	4422.2	5152.2	5948.4	6893.7	7911.2	9009.2	10248.7	11595.7	13013.2
-37.5°	2946.3	3497.6	4099.2	4772.7	5512.7	6324.3	7220.9	8217.0	9292.3	10441.9	11708.8
-40°	2735.5	3228.1	3794.0	4404.8	5056.2	5774.1	6583.5	7441.0	8371.2	9387.2	10441.9
-42.5°	2517.7	2985.0	3486.9	4020.7	4626.1	5263.6	5932.4	6714.2	7517.0	8371.2	9292.3
-45°	2314.9	2732.7	3174.9	3674.2	4196.6	4760.2	5368.1	5985.5	6714.2	7441.0	8217.0
-47.5°	2104.1	2479.1	2890.4	3316.3	3787.6	4285.2	4805.1	5368.1	5932.4	6583.5	7220.9
-50°	1892.6	2240.7	2596.4	2985.8	3391.3	3825.6	4285.2	4760.2	5263.6	5774.1	6324.3
-52.5°	1694.7	1994.8	2323.3	2659.7	3017.8	3391.3	3787.6	4196.6	4626.1	5056.2	5512.7
-55°	1491.0	1766.3	2049.6	2350.9	2659.7	2985.8	3316.3	3674.2	4020.7	4404.8	4772.7
-57.5°	1304.0	1538.5	1790.2	2049.6	2323.3	2596.4	2890.4	3174.9	3486.9	3794.0	4099.2
-60°	1125.5	1323.8	1538.5	1766.3	1994.8	2240.7	2479.1	2732.7	2985.0	3228.1	3497.6
-62.5°	949.2	1125.5	1304.0	1491.0	1694.7	1892.6	2104.1	2314.9	2517.7	2735.5	2946.3
-65°	797.2	933.2	1086.2	1244.9	1399.5	1576.2	1750.3	1918.3	2098.8	2274.8	2442.6
-67.5°	642.7	765.3	885.2	1007.9	1147.1	1282.1	1412.7	1562.9	1707.8	1846.5	1983.6
-70°	515.0	599.9	701.8	805.9	907.0	1011.5	1127.5	1239.1	1346.3	1455.4	1572.3
-72.5°	391.4	465.9	538.6	609.5	695.8	781.6	864.5	944.3	1030.7	1120.1	1205.1
-75°	289.6	332.7	392.8	453.6	512.6	569.8	627.2	695.5	760.9	823.4	882.9
-77.5°	204.4	240.4	275.5	309.8	345.6	393.2	439.1	483.3	525.7	566.1	604.5
-80°	132.2	148.0	175.5	202.9	229.5	255.2	280.0	303.8	326.7	353.7	384.4
-82.5°	84.9	96.8	108.3	119.6	130.5	141.1	153.3	171.1	188.2	204.6	220.1
-85°	41.9	45.4	53.0	60.5	67.8	74.8	81.6	88.1	94.4	100.3	106.0
-87.5°	21.0	22.7	24.4	26.0	27.6	29.2	30.7	32.1	33.5	34.8	36.0
-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: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-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°	37.2	38.3	39.3	40.3	41.1	41.9	42.7	43.3	43.9	44.3	44.7
85°	111.3	116.3	121.0	125.4	129.4	133.0	136.3	139.2	141.7	143.9	145.7
82.5°	234.7	248.5	261.4	273.3	284.3	294.3	303.3	311.2	318.2	324.1	328.9
80°	413.4	440.6	466.1	489.7	511.4	531.2	549.0	564.9	578.6	590.3	599.9
77.5°	647.6	691.5	732.6	770.7	805.7	837.7	866.5	892.0	914.2	933.2	948.7
75°	939.1	995.4	1055.9	1112.0	1163.7	1210.8	1253.3	1291.0	1323.8	1351.7	1374.6
72.5°	1285.6	1361.4	1435.6	1514.5	1587.2	1653.5	1713.2	1766.3	1812.5	1851.9	1884.2
70°	1683.0	1787.3	1884.9	1980.3	2075.5	2162.4	2240.7	2310.3	2371.0	2422.6	2465.0
67.5°	2126.1	2260.4	2386.2	2503.2	2620.7	2732.7	2833.7	2923.5	3001.9	3068.6	3123.4
65°	2610.0	2780.7	2940.7	3089.7	3228.1	3374.4	3506.6	3624.1	3726.7	3814.1	3885.9
62.5°	3146.5	3354.4	3561.2	3753.8	3931.7	4106.9	4276.8	4428.0	4560.1	4672.6	4765.2
60°	3753.8	3996.0	4256.1	4501.3	4728.0	4936.2	5152.2	5344.5	5512.7	5656.0	5774.1
57.5°	4422.2	4728.0	5028.3	5337.2	5623.1	5885.2	6151.8	6408.8	6633.6	6825.4	6983.5
55°	5152.2	5534.4	5894.4	6283.7	6662.7	7010.4	7333.9	7655.0	7936.2	8176.3	8374.3
52.5°	5948.4	6442.8	6916.6	7373.4	7843.4	8275.2	8667.1	9076.6	9446.9	9763.3	10024.5
50°	6893.7	7458.8	8042.6	8590.0	9174.9	9739.6	10252.8	10743.3	11204.1	11598.4	11924.0
47.5°	7911.2	8574.8	9300.1	10011.5	10699.7	11397.7	12033.1	12618.6	13205.3	13708.1	14123.8
45°	9009.2	9865.8	10704.4	11578.2	12393.6	13256.2	14061.2	14784.2	15499.4	16124.2	16641.5
42.5°	10248.7	11258.8	12252.0	13305.7	14332.6	15342.1	16335.8	17230.1	18091.3	18879.8	19533.8
40°	11595.7	12742.8	13985.2	15201.4	16461.2	17639.2	18884.5	20008.0	21031.6	21978.0	22764.4
37.5°	13013.2	14398.7	15843.9	17278.9	18799.1	20258.7	21693.4	23035.1	24229.2	25387.6	26352.2
35°	14537.5	16168.7	17809.9	19588.3	21323.5	23055.0	24710.0	26343.4	27796.2	29152.5	30311.8
32.5°	16168.7	18004.6	19987.8	22003.3	23983.8	26049.6	27985.6	29918.9	31656.0	33242.8	34639.7
30°	17809.9	19987.8	22232.0	24488.6	26869.6	29213.3	31510.0	33734.7	35815.5	37629.7	39150.4
27.5°	19588.3	22003.3	24488.6	27145.8	29843.6	32493.1	35219.3	37723.7	39973.0	41945.9	43740.0
25°	21323.5	23983.8	26869.6	29843.6	32857.1	35976.0	38896.8	41593.1	44197.3	46519.9	48615.0
22.5°	23055.0	26049.6	29213.3	32493.1	35976.0	39293.5	42458.0	45594.0	48575.5	51338.2	53727.3
20°	24710.0	27985.6	31510.0	35219.3	38896.8	42458.0	46067.7	49657.3	53050.2	56153.5	58818.0
17.5°	26343.4	29918.9	33734.7	37723.7	41593.1	45594.0	49657.3	53643.4	57411.3	60750.2	63643.8
15°	27796.2	31656.0	35815.5	39973.0	44197.3	48575.5	53050.2	57411.3	61413.0	65066.1	68310.1
12.5°	29152.5	33242.8	37629.7	41945.9	46519.9	51338.2	56153.5	60750.2	65066.1	69098.0	72350.0
10°	30311.8	34639.7	39150.4	43740.0	48615.0	53727.3	58818.0	63643.8	68310.1	72350.0	75896.2
7.5°	31228.7	35747.6	40360.6	45174.5	50336.3	55683.5	60938.6	66037.9	70836.2	75071.8	78630.1
5°	31892.3	36551.1	41240.8	46221.2	51598.0	57125.6	62514.0	67835.6	72672.1	77036.1	80674.8
2.5°	32293.9	37038.3	41775.4	46858.6	52368.8	58010.4	63486.2	68954.1	73828.0	78207.2	81898.3
0°	32428.4	37201.5	41954.7	47072.7	52628.1	58308.7	63815.0	69334.1	74223.4	78593.7	82319.6
-2.5°	32293.9	37038.3	41775.4	46858.6	52368.8	58010.4	63486.2	68954.1	73828.0	78207.2	81898.3
-5°	31892.3	36551.1	41240.8	46221.2	51598.0	57125.6	62514.0	67835.6	72672.1	77036.1	80674.8
-7.5°	31228.7	35747.6	40360.6	45174.5	50336.3	55683.5	60938.6	66037.9	70836.2	75071.8	78630.1
-10°	30311.8	34639.7	39150.4	43740.0	48615.0	53727.3	58818.0	63643.8	68310.1	72350.0	75896.2
-12.5°	29152.5	33242.8	37629.7	41945.9	46519.9	51338.2	56153.5	60750.2	65066.1	69098.0	72350.0
-15°	27796.2	31656.0	35815.5	39973.0	44197.3	48575.5	53050.2	57411.3	61413.0	65066.1	68310.1
-17.5°	26343.4	29918.9	33734.7	37723.7	41593.1	45594.0	49657.3	53643.4	57411.3	60750.2	63643.8
-20°	24710.0	27985.6	31510.0	35219.3	38896.8	42458.0	46067.7	49657.3	53050.2	56153.5	58818.0



REPORT NUMBER: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	23055.0	26049.6	29213.3	32493.1	35976.0	39293.5	42458.0	45594.0	48575.5	51338.2	53727.3
-25°	21323.5	23983.8	26869.6	29843.6	32857.1	35976.0	38896.8	41593.1	44197.3	46519.9	48615.0
-27.5°	19588.3	22003.3	24488.6	27145.8	29843.6	32493.1	35219.3	37723.7	39973.0	41945.9	43740.0
-30°	17809.9	19987.8	22232.0	24488.6	26869.6	29213.3	31510.0	33734.7	35815.5	37629.7	39150.4
-32.5°	16168.7	18004.6	19987.8	22003.3	23983.8	26049.6	27985.6	29918.9	31656.0	33242.8	34639.7
-35°	14537.5	16168.7	17809.9	19588.3	21323.5	23055.0	24710.0	26343.4	27796.2	29152.5	30311.8
-37.5°	13013.2	14398.7	15843.9	17278.9	18799.1	20258.7	21693.4	23035.1	24229.2	25387.6	26352.2
-40°	11595.7	12742.8	13985.2	15201.4	16461.2	17639.2	18884.5	20008.0	21031.6	21978.0	22764.4
-42.5°	10248.7	11258.8	12252.0	13305.7	14332.6	15342.1	16335.8	17230.1	18091.3	18879.8	19533.8
-45°	9009.2	9865.8	10704.4	11578.2	12393.6	13256.2	14061.2	14784.2	15499.4	16124.2	16641.5
-47.5°	7911.2	8574.8	9300.1	10011.5	10699.7	11397.7	12033.1	12618.6	13205.3	13708.1	14123.8
-50°	6893.7	7458.8	8042.6	8590.0	9174.9	9739.6	10252.8	10743.3	11204.1	11598.4	11924.0
-52.5°	5948.4	6442.8	6916.6	7373.4	7843.4	8275.2	8667.1	9076.6	9446.9	9763.3	10024.5
-55°	5152.2	5534.4	5894.4	6283.7	6662.7	7010.4	7333.9	7655.0	7936.2	8176.3	8374.3
-57.5°	4422.2	4728.0	5028.3	5337.2	5623.1	5885.2	6151.8	6408.8	6633.6	6825.4	6983.5
-60°	3753.8	3996.0	4256.1	4501.3	4728.0	4936.2	5152.2	5344.5	5512.7	5656.0	5774.1
-62.5°	3146.5	3354.4	3561.2	3753.8	3931.7	4106.9	4276.8	4428.0	4560.1	4672.6	4765.2
-65°	2610.0	2780.7	2940.7	3089.7	3228.1	3374.4	3506.6	3624.1	3726.7	3814.1	3885.9
-67.5°	2126.1	2260.4	2386.2	2503.2	2620.7	2732.7	2833.7	2923.5	3001.9	3068.6	3123.4
-70°	1683.0	1787.3	1884.9	1980.3	2075.5	2162.4	2240.7	2310.3	2371.0	2422.6	2465.0
-72.5°	1285.6	1361.4	1435.6	1514.5	1587.2	1653.5	1713.2	1766.3	1812.5	1851.9	1884.2
-75°	939.1	995.4	1055.9	1112.0	1163.7	1210.8	1253.3	1291.0	1323.8	1351.7	1374.6
-77.5°	647.6	691.5	732.6	770.7	805.7	837.7	866.5	892.0	914.2	933.2	948.7
-80°	413.4	440.6	466.1	489.7	511.4	531.2	549.0	564.9	578.6	590.3	599.9
-82.5°	234.7	248.5	261.4	273.3	284.3	294.3	303.3	311.2	318.2	324.1	328.9
-85°	111.3	116.3	121.0	125.4	129.4	133.0	136.3	139.2	141.7	143.9	145.7
-87.5°	37.2	38.3	39.3	40.3	41.1	41.9	42.7	43.3	43.9	44.3	44.7
-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: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-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°	45.0	45.2	45.4	45.4	45.4	45.2	45.0	44.7	44.3	43.9	43.3
85°	147.0	148.0	148.6	148.8	148.6	148.0	147.0	145.7	143.9	141.7	139.2
82.5°	332.7	335.4	337.1	337.6	337.1	335.4	332.7	328.9	324.1	318.2	311.2
80°	607.4	612.8	616.0	617.1	616.0	612.8	607.4	599.9	590.3	578.6	564.9
77.5°	960.8	969.5	974.7	976.4	974.7	969.5	960.8	948.7	933.2	914.2	892.0
75°	1392.5	1405.3	1413.0	1415.6	1413.0	1405.3	1392.5	1374.6	1351.7	1323.8	1291.0
72.5°	1909.4	1927.4	1938.3	1941.9	1938.3	1927.4	1909.4	1884.2	1851.9	1812.5	1766.3
70°	2498.1	2521.8	2536.0	2540.8	2536.0	2521.8	2498.1	2465.0	2422.6	2371.0	2310.3
67.5°	3166.2	3196.8	3215.3	3221.4	3215.3	3196.8	3166.2	3123.4	3068.6	3001.9	2923.5
65°	3942.1	3982.3	4006.4	4014.5	4006.4	3982.3	3942.1	3885.9	3814.1	3726.7	3624.1
62.5°	4837.6	4889.4	4920.6	4931.0	4920.6	4889.4	4837.6	4765.2	4672.6	4560.1	4428.0
60°	5866.3	5932.4	5972.2	5985.5	5972.2	5932.4	5866.3	5774.1	5656.0	5512.7	5344.5
57.5°	7107.0	7195.7	7249.0	7266.8	7249.0	7195.7	7107.0	6983.5	6825.4	6633.6	6408.8
55°	8529.2	8640.4	8707.3	8729.6	8707.3	8640.4	8529.2	8374.3	8176.3	7936.2	7655.0
52.5°	10229.0	10375.8	10464.2	10493.7	10464.2	10375.8	10229.0	10024.5	9763.3	9446.9	9076.6
50°	12179.3	12362.6	12473.1	12510.0	12473.1	12362.6	12179.3	11924.0	11598.4	11204.1	10743.3
47.5°	14450.0	14684.5	14825.8	14873.0	14825.8	14684.5	14450.0	14123.8	13708.1	13205.3	12618.6
45°	17047.8	17340.2	17516.5	17575.4	17516.5	17340.2	17047.8	16641.5	16124.2	15499.4	14784.2
42.5°	20048.1	20418.6	20642.2	20716.9	20642.2	20418.6	20048.1	19533.8	18879.8	18091.3	17230.1
40°	23383.8	23830.5	24100.4	24190.6	24100.4	23830.5	23383.8	22764.4	21978.0	21031.6	20008.0
37.5°	27113.5	27663.4	27995.9	28107.1	27995.9	27663.4	27113.5	26352.2	25387.6	24229.2	23035.1
35°	31228.7	31892.3	32293.9	32428.4	32293.9	31892.3	31228.7	30311.8	29152.5	27796.2	26343.4
32.5°	35747.6	36551.1	37038.3	37201.5	37038.3	36551.1	35747.6	34639.7	33242.8	31656.0	29918.9
30°	40360.6	41240.8	41775.4	41954.7	41775.4	41240.8	40360.6	39150.4	37629.7	35815.5	33734.7
27.5°	45174.5	46221.2	46858.6	47072.7	46858.6	46221.2	45174.5	43740.0	41945.9	39973.0	37723.7
25°	50336.3	51598.0	52368.8	52628.1	52368.8	51598.0	50336.3	48615.0	46519.9	44197.3	41593.1
22.5°	55683.5	57125.6	58010.4	58308.7	58010.4	57125.6	55683.5	53727.3	51338.2	48575.5	45594.0
20°	60938.6	62514.0	63486.2	63815.0	63486.2	62514.0	60938.6	58818.0	56153.5	53050.2	49657.3
17.5°	66037.9	67835.6	68954.1	69334.1	68954.1	67835.6	66037.9	63643.8	60750.2	57411.3	53643.4
15°	70836.2	72672.1	73828.0	74223.4	73828.0	72672.1	70836.2	68310.1	65066.1	61413.0	57411.3
12.5°	75071.8	77036.1	78207.2	78593.7	78207.2	77036.1	75071.8	72350.0	69098.0	65066.1	60750.2
10°	78630.1	80674.8	81898.3	82319.6	81898.3	80674.8	78630.1	75896.2	72350.0	68310.1	63643.8
7.5°	81501.7	83584.3	84878.5	85295.2	84878.5	83584.3	81501.7	78630.1	75071.8	70836.2	66037.9
5°	83584.3	85742.7	86995.6	87459.4	86995.6	85742.7	83584.3	80674.8	77036.1	72672.1	67835.6
2.5°	84878.5	86995.6	88300.5	88743.4	88300.5	86995.6	84878.5	81898.3	78207.2	73828.0	68954.1
0°	85295.2	87459.4	88743.4	89239.8	88743.4	87459.4	85295.2	82319.6	78593.7	74223.4	69334.1
-2.5°	84878.5	86995.6	88300.5	88743.4	88300.5	86995.6	84878.5	81898.3	78207.2	73828.0	68954.1
-5°	83584.3	85742.7	86995.6	87459.4	86995.6	85742.7	83584.3	80674.8	77036.1	72672.1	67835.6
-7.5°	81501.7	83584.3	84878.5	85295.2	84878.5	83584.3	81501.7	78630.1	75071.8	70836.2	66037.9
-10°	78630.1	80674.8	81898.3	82319.6	81898.3	80674.8	78630.1	75896.2	72350.0	68310.1	63643.8
-12.5°	75071.8	77036.1	78207.2	78593.7	78207.2	77036.1	75071.8	72350.0	69098.0	65066.1	60750.2
-15°	70836.2	72672.1	73828.0	74223.4	73828.0	72672.1	70836.2	68310.1	65066.1	61413.0	57411.3
-17.5°	66037.9	67835.6	68954.1	69334.1	68954.1	67835.6	66037.9	63643.8	60750.2	57411.3	53643.4
-20°	60938.6	62514.0	63486.2	63815.0	63486.2	62514.0	60938.6	58818.0	56153.5	53050.2	49657.3



REPORT NUMBER: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	55683.5	57125.6	58010.4	58308.7	58010.4	57125.6	55683.5	53727.3	51338.2	48575.5	45594.0
-25°	50336.3	51598.0	52368.8	52628.1	52368.8	51598.0	50336.3	48615.0	46519.9	44197.3	41593.1
-27.5°	45174.5	46221.2	46858.6	47072.7	46858.6	46221.2	45174.5	43740.0	41945.9	39973.0	37723.7
-30°	40360.6	41240.8	41775.4	41954.7	41775.4	41240.8	40360.6	39150.4	37629.7	35815.5	33734.7
-32.5°	35747.6	36551.1	37038.3	37201.5	37038.3	36551.1	35747.6	34639.7	33242.8	31656.0	29918.9
-35°	31228.7	31892.3	32293.9	32428.4	32293.9	31892.3	31228.7	30311.8	29152.5	27796.2	26343.4
-37.5°	27113.5	27663.4	27995.9	28107.1	27995.9	27663.4	27113.5	26352.2	25387.6	24229.2	23035.1
-40°	23383.8	23830.5	24100.4	24190.6	24100.4	23830.5	23383.8	22764.4	21978.0	21031.6	20008.0
-42.5°	20048.1	20418.6	20642.2	20716.9	20642.2	20418.6	20048.1	19533.8	18879.8	18091.3	17230.1
-45°	17047.8	17340.2	17516.5	17575.4	17516.5	17340.2	17047.8	16641.5	16124.2	15499.4	14784.2
-47.5°	14450.0	14684.5	14825.8	14873.0	14825.8	14684.5	14450.0	14123.8	13708.1	13205.3	12618.6
-50°	12179.3	12362.6	12473.1	12510.0	12473.1	12362.6	12179.3	11924.0	11598.4	11204.1	10743.3
-52.5°	10229.0	10375.8	10464.2	10493.7	10464.2	10375.8	10229.0	10024.5	9763.3	9446.9	9076.6
-55°	8529.2	8640.4	8707.3	8729.6	8707.3	8640.4	8529.2	8374.3	8176.3	7936.2	7655.0
-57.5°	7107.0	7195.7	7249.0	7266.8	7249.0	7195.7	7107.0	6983.5	6825.4	6633.6	6408.8
-60°	5866.3	5932.4	5972.2	5985.5	5972.2	5932.4	5866.3	5774.1	5656.0	5512.7	5344.5
-62.5°	4837.6	4889.4	4920.6	4931.0	4920.6	4889.4	4837.6	4765.2	4672.6	4560.1	4428.0
-65°	3942.1	3982.3	4006.4	4014.5	4006.4	3982.3	3942.1	3885.9	3814.1	3726.7	3624.1
-67.5°	3166.2	3196.8	3215.3	3221.4	3215.3	3196.8	3166.2	3123.4	3068.6	3001.9	2923.5
-70°	2498.1	2521.8	2536.0	2540.8	2536.0	2521.8	2498.1	2465.0	2422.6	2371.0	2310.3
-72.5°	1909.4	1927.4	1938.3	1941.9	1938.3	1927.4	1909.4	1884.2	1851.9	1812.5	1766.3
-75°	1392.5	1405.3	1413.0	1415.6	1413.0	1405.3	1392.5	1374.6	1351.7	1323.8	1291.0
-77.5°	960.8	969.5	974.7	976.4	974.7	969.5	960.8	948.7	933.2	914.2	892.0
-80°	607.4	612.8	616.0	617.1	616.0	612.8	607.4	599.9	590.3	578.6	564.9
-82.5°	332.7	335.4	337.1	337.6	337.1	335.4	332.7	328.9	324.1	318.2	311.2
-85°	147.0	148.0	148.6	148.8	148.6	148.0	147.0	145.7	143.9	141.7	139.2
-87.5°	45.0	45.2	45.4	45.4	45.4	45.2	45.0	44.7	44.3	43.9	43.3
-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: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-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°	42.7	41.9	41.1	40.3	39.3	38.3	37.2	36.0	34.8	33.5	32.1
85°	136.3	133.0	129.4	125.4	121.0	116.3	111.3	106.0	100.3	94.4	88.1
82.5°	303.3	294.3	284.3	273.3	261.4	248.5	234.7	220.1	204.6	188.2	171.1
80°	549.0	531.2	511.4	489.7	466.1	440.6	413.4	384.4	353.7	326.7	303.8
77.5°	866.5	837.7	805.7	770.7	732.6	691.5	647.6	604.5	566.1	525.7	483.3
75°	1253.3	1210.8	1163.7	1112.0	1055.9	995.4	939.1	882.9	823.4	760.9	695.5
72.5°	1713.2	1653.5	1587.2	1514.5	1435.6	1361.4	1285.6	1205.1	1120.1	1030.7	944.3
70°	2240.7	2162.4	2075.5	1980.3	1884.9	1787.3	1683.0	1572.3	1455.4	1346.3	1239.1
67.5°	2833.7	2732.7	2620.7	2503.2	2386.2	2260.4	2126.1	1983.6	1846.5	1707.8	1562.9
65°	3506.6	3374.4	3228.1	3089.7	2940.7	2780.7	2610.0	2442.6	2274.8	2098.8	1918.3
62.5°	4276.8	4106.9	3931.7	3753.8	3561.2	3354.4	3146.5	2946.3	2735.5	2517.7	2314.9
60°	5152.2	4936.2	4728.0	4501.3	4256.1	3996.0	3753.8	3497.6	3228.1	2985.0	2732.7
57.5°	6151.8	5885.2	5623.1	5337.2	5028.3	4728.0	4422.2	4099.2	3794.0	3486.9	3174.9
55°	7333.9	7010.4	6662.7	6283.7	5894.4	5534.4	5152.2	4772.7	4404.8	4020.7	3674.2
52.5°	8667.1	8275.2	7843.4	7373.4	6916.6	6442.8	5948.4	5512.7	5056.2	4626.1	4196.6
50°	10252.8	9739.6	9174.9	8590.0	8042.6	7458.8	6893.7	6324.3	5774.1	5263.6	4760.2
47.5°	12033.1	11397.7	10699.7	10011.5	9300.1	8574.8	7911.2	7220.9	6583.5	5932.4	5368.1
45°	14061.2	13256.2	12393.6	11578.2	10704.4	9865.8	9009.2	8217.0	7441.0	6714.2	5985.5
42.5°	16335.8	15342.1	14332.6	13305.7	12252.0	11258.8	10248.7	9292.3	8371.2	7517.0	6714.2
40°	18884.5	17639.2	16461.2	15201.4	13985.2	12742.8	11595.7	10441.9	9387.2	8371.2	7441.0
37.5°	21693.4	20258.7	18799.1	17278.9	15843.9	14398.7	13013.2	11708.8	10441.9	9292.3	8217.0
35°	24710.0	23055.0	21323.5	19588.3	17809.9	16168.7	14537.5	13013.2	11595.7	10248.7	9009.2
32.5°	27985.6	26049.6	23983.8	22003.3	19987.8	18004.6	16168.7	14398.7	12742.8	11258.8	9865.8
30°	31510.0	29213.3	26869.6	24488.6	22232.0	19987.8	17809.9	15843.9	13985.2	12252.0	10704.4
27.5°	35219.3	32493.1	29843.6	27145.8	24488.6	22003.3	19588.3	17278.9	15201.4	13305.7	11578.2
25°	38896.8	35976.0	32857.1	29843.6	26869.6	23983.8	21323.5	18799.1	16461.2	14332.6	12393.6
22.5°	42458.0	39293.5	35976.0	32493.1	29213.3	26049.6	23055.0	20258.7	17639.2	15342.1	13256.2
20°	46067.7	42458.0	38896.8	35219.3	31510.0	27985.6	24710.0	21693.4	18884.5	16335.8	14061.2
17.5°	49657.3	45594.0	41593.1	37723.7	33734.7	29918.9	26343.4	23035.1	20008.0	17230.1	14784.2
15°	53050.2	48575.5	44197.3	39973.0	35815.5	31656.0	27796.2	24229.2	21031.6	18091.3	15499.4
12.5°	56153.5	51338.2	46519.9	41945.9	37629.7	33242.8	29152.5	25387.6	21978.0	18879.8	16124.2
10°	58818.0	53727.3	48615.0	43740.0	39150.4	34639.7	30311.8	26352.2	22764.4	19533.8	16641.5
7.5°	60938.6	55683.5	50336.3	45174.5	40360.6	35747.6	31228.7	27113.5	23383.8	20048.1	17047.8
5°	62514.0	57125.6	51598.0	46221.2	41240.8	36551.1	31892.3	27663.4	23830.5	20418.6	17340.2
2.5°	63486.2	58010.4	52368.8	46858.6	41775.4	37038.3	32293.9	27995.9	24100.4	20642.2	17516.5
0°	63815.0	58308.7	52628.1	47072.7	41954.7	37201.5	32428.4	28107.1	24190.6	20716.9	17575.4
-2.5°	63486.2	58010.4	52368.8	46858.6	41775.4	37038.3	32293.9	27995.9	24100.4	20642.2	17516.5
-5°	62514.0	57125.6	51598.0	46221.2	41240.8	36551.1	31892.3	27663.4	23830.5	20418.6	17340.2
-7.5°	60938.6	55683.5	50336.3	45174.5	40360.6	35747.6	31228.7	27113.5	23383.8	20048.1	17047.8
-10°	58818.0	53727.3	48615.0	43740.0	39150.4	34639.7	30311.8	26352.2	22764.4	19533.8	16641.5
-12.5°	56153.5	51338.2	46519.9	41945.9	37629.7	33242.8	29152.5	25387.6	21978.0	18879.8	16124.2
-15°	53050.2	48575.5	44197.3	39973.0	35815.5	31656.0	27796.2	24229.2	21031.6	18091.3	15499.4
-17.5°	49657.3	45594.0	41593.1	37723.7	33734.7	29918.9	26343.4	23035.1	20008.0	17230.1	14784.2
-20°	46067.7	42458.0	38896.8	35219.3	31510.0	27985.6	24710.0	21693.4	18884.5	16335.8	14061.2



REPORT NUMBER: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	42458.0	39293.5	35976.0	32493.1	29213.3	26049.6	23055.0	20258.7	17639.2	15342.1	13256.2
-25°	38896.8	35976.0	32857.1	29843.6	26869.6	23983.8	21323.5	18799.1	16461.2	14332.6	12393.6
-27.5°	35219.3	32493.1	29843.6	27145.8	24488.6	22003.3	19588.3	17278.9	15201.4	13305.7	11578.2
-30°	31510.0	29213.3	26869.6	24488.6	22232.0	19987.8	17809.9	15843.9	13985.2	12252.0	10704.4
-32.5°	27985.6	26049.6	23983.8	22003.3	19987.8	18004.6	16168.7	14398.7	12742.8	11258.8	9865.8
-35°	24710.0	23055.0	21323.5	19588.3	17809.9	16168.7	14537.5	13013.2	11595.7	10248.7	9009.2
-37.5°	21693.4	20258.7	18799.1	17278.9	15843.9	14398.7	13013.2	11708.8	10441.9	9292.3	8217.0
-40°	18884.5	17639.2	16461.2	15201.4	13985.2	12742.8	11595.7	10441.9	9387.2	8371.2	7441.0
-42.5°	16335.8	15342.1	14332.6	13305.7	12252.0	11258.8	10248.7	9292.3	8371.2	7517.0	6714.2
-45°	14061.2	13256.2	12393.6	11578.2	10704.4	9865.8	9009.2	8217.0	7441.0	6714.2	5985.5
-47.5°	12033.1	11397.7	10699.7	10011.5	9300.1	8574.8	7911.2	7220.9	6583.5	5932.4	5368.1
-50°	10252.8	9739.6	9174.9	8590.0	8042.6	7458.8	6893.7	6324.3	5774.1	5263.6	4760.2
-52.5°	8667.1	8275.2	7843.4	7373.4	6916.6	6442.8	5948.4	5512.7	5056.2	4626.1	4196.6
-55°	7333.9	7010.4	6662.7	6283.7	5894.4	5534.4	5152.2	4772.7	4404.8	4020.7	3674.2
-57.5°	6151.8	5885.2	5623.1	5337.2	5028.3	4728.0	4422.2	4099.2	3794.0	3486.9	3174.9
-60°	5152.2	4936.2	4728.0	4501.3	4256.1	3996.0	3753.8	3497.6	3228.1	2985.0	2732.7
-62.5°	4276.8	4106.9	3931.7	3753.8	3561.2	3354.4	3146.5	2946.3	2735.5	2517.7	2314.9
-65°	3506.6	3374.4	3228.1	3089.7	2940.7	2780.7	2610.0	2442.6	2274.8	2098.8	1918.3
-67.5°	2833.7	2732.7	2620.7	2503.2	2386.2	2260.4	2126.1	1983.6	1846.5	1707.8	1562.9
-70°	2240.7	2162.4	2075.5	1980.3	1884.9	1787.3	1683.0	1572.3	1455.4	1346.3	1239.1
-72.5°	1713.2	1653.5	1587.2	1514.5	1435.6	1361.4	1285.6	1205.1	1120.1	1030.7	944.3
-75°	1253.3	1210.8	1163.7	1112.0	1055.9	995.4	939.1	882.9	823.4	760.9	695.5
-77.5°	866.5	837.7	805.7	770.7	732.6	691.5	647.6	604.5	566.1	525.7	483.3
-80°	549.0	531.2	511.4	489.7	466.1	440.6	413.4	384.4	353.7	326.7	303.8
-82.5°	303.3	294.3	284.3	273.3	261.4	248.5	234.7	220.1	204.6	188.2	171.1
-85°	136.3	133.0	129.4	125.4	121.0	116.3	111.3	106.0	100.3	94.4	88.1
-87.5°	42.7	41.9	41.1	40.3	39.3	38.3	37.2	36.0	34.8	33.5	32.1
-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: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-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°	30.7	29.2	27.6	26.0	24.4	22.7	21.0	19.2	17.4	15.5	13.6
85°	81.6	74.8	67.8	60.5	53.0	45.4	41.9	38.3	34.7	31.0	27.3
82.5°	153.3	141.1	130.5	119.6	108.3	96.8	84.9	72.8	60.4	47.8	40.8
80°	280.0	255.2	229.5	202.9	175.5	148.0	132.2	116.1	99.6	82.8	65.8
77.5°	439.1	393.2	345.6	309.8	275.5	240.4	204.4	167.5	138.5	117.6	96.3
75°	627.2	569.8	512.6	453.6	392.8	332.7	289.6	245.4	200.5	154.7	126.6
72.5°	864.5	781.6	695.8	609.5	538.6	465.9	391.4	322.6	270.2	217.0	163.0
70°	1127.5	1011.5	907.0	805.9	701.8	599.9	515.0	428.3	339.9	278.5	217.0
67.5°	1412.7	1282.1	1147.1	1007.9	885.2	765.3	642.7	539.7	440.6	339.9	270.2
65°	1750.3	1576.2	1399.5	1244.9	1086.2	933.2	797.2	658.6	539.7	428.3	322.6
62.5°	2104.1	1892.6	1694.7	1491.0	1304.0	1125.5	949.2	797.2	642.7	515.0	391.4
60°	2479.1	2240.7	1994.8	1766.3	1538.5	1323.8	1125.5	933.2	765.3	599.9	465.9
57.5°	2890.4	2596.4	2323.3	2049.6	1790.2	1538.5	1304.0	1086.2	885.2	701.8	538.6
55°	3316.3	2985.8	2659.7	2350.9	2049.6	1766.3	1491.0	1244.9	1007.9	805.9	609.5
52.5°	3787.6	3391.3	3017.8	2659.7	2323.3	1994.8	1694.7	1399.5	1147.1	907.0	695.8
50°	4285.2	3825.6	3391.3	2985.8	2596.4	2240.7	1892.6	1576.2	1282.1	1011.5	781.6
47.5°	4805.1	4285.2	3787.6	3316.3	2890.4	2479.1	2104.1	1750.3	1412.7	1127.5	864.5
45°	5368.1	4760.2	4196.6	3674.2	3174.9	2732.7	2314.9	1918.3	1562.9	1239.1	944.3
42.5°	5932.4	5263.6	4626.1	4020.7	3486.9	2985.0	2517.7	2098.8	1707.8	1346.3	1030.7
40°	6583.5	5774.1	5056.2	4404.8	3794.0	3228.1	2735.5	2274.8	1846.5	1455.4	1120.1
37.5°	7220.9	6324.3	5512.7	4772.7	4099.2	3497.6	2946.3	2442.6	1983.6	1572.3	1205.1
35°	7911.2	6893.7	5948.4	5152.2	4422.2	3753.8	3146.5	2610.0	2126.1	1683.0	1285.6
32.5°	8574.8	7458.8	6442.8	5534.4	4728.0	3996.0	3354.4	2780.7	2260.4	1787.3	1361.4
30°	9300.1	8042.6	6916.6	5894.4	5028.3	4256.1	3561.2	2940.7	2386.2	1884.9	1435.6
27.5°	10011.5	8590.0	7373.4	6283.7	5337.2	4501.3	3753.8	3089.7	2503.2	1980.3	1514.5
25°	10699.7	9174.9	7843.4	6662.7	5623.1	4728.0	3931.7	3228.1	2620.7	2075.5	1587.2
22.5°	11397.7	9739.6	8275.2	7010.4	5885.2	4936.2	4106.9	3374.4	2732.7	2162.4	1653.5
20°	12033.1	10252.8	8667.1	7333.9	6151.8	5152.2	4276.8	3506.6	2833.7	2240.7	1713.2
17.5°	12618.6	10743.3	9076.6	7655.0	6408.8	5344.5	4428.0	3624.1	2923.5	2310.3	1766.3
15°	13205.3	11204.1	9446.9	7936.2	6633.6	5512.7	4560.1	3726.7	3001.9	2371.0	1812.5
12.5°	13708.1	11598.4	9763.3	8176.3	6825.4	5656.0	4672.6	3814.1	3068.6	2422.6	1851.9
10°	14123.8	11924.0	10024.5	8374.3	6983.5	5774.1	4765.2	3885.9	3123.4	2465.0	1884.2
7.5°	14450.0	12179.3	10229.0	8529.2	7107.0	5866.3	4837.6	3942.1	3166.2	2498.1	1909.4
5°	14684.5	12362.6	10375.8	8640.4	7195.7	5932.4	4889.4	3982.3	3196.8	2521.8	1927.4
2.5°	14825.8	12473.1	10464.2	8707.3	7249.0	5972.2	4920.6	4006.4	3215.3	2536.0	1938.3
0°	14873.0	12510.0	10493.7	8729.6	7266.8	5985.5	4931.0	4014.5	3221.4	2540.8	1941.9
-2.5°	14825.8	12473.1	10464.2	8707.3	7249.0	5972.2	4920.6	4006.4	3215.3	2536.0	1938.3
-5°	14684.5	12362.6	10375.8	8640.4	7195.7	5932.4	4889.4	3982.3	3196.8	2521.8	1927.4
-7.5°	14450.0	12179.3	10229.0	8529.2	7107.0	5866.3	4837.6	3942.1	3166.2	2498.1	1909.4
-10°	14123.8	11924.0	10024.5	8374.3	6983.5	5774.1	4765.2	3885.9	3123.4	2465.0	1884.2
-12.5°	13708.1	11598.4	9763.3	8176.3	6825.4	5656.0	4672.6	3814.1	3068.6	2422.6	1851.9
-15°	13205.3	11204.1	9446.9	7936.2	6633.6	5512.7	4560.1	3726.7	3001.9	2371.0	1812.5
-17.5°	12618.6	10743.3	9076.6	7655.0	6408.8	5344.5	4428.0	3624.1	2923.5	2310.3	1766.3
-20°	12033.1	10252.8	8667.1	7333.9	6151.8	5152.2	4276.8	3506.6	2833.7	2240.7	1713.2



REPORT NUMBER: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	11397.7	9739.6	8275.2	7010.4	5885.2	4936.2	4106.9	3374.4	2732.7	2162.4	1653.5
-25°	10699.7	9174.9	7843.4	6662.7	5623.1	4728.0	3931.7	3228.1	2620.7	2075.5	1587.2
-27.5°	10011.5	8590.0	7373.4	6283.7	5337.2	4501.3	3753.8	3089.7	2503.2	1980.3	1514.5
-30°	9300.1	8042.6	6916.6	5894.4	5028.3	4256.1	3561.2	2940.7	2386.2	1884.9	1435.6
-32.5°	8574.8	7458.8	6442.8	5534.4	4728.0	3996.0	3354.4	2780.7	2260.4	1787.3	1361.4
-35°	7911.2	6893.7	5948.4	5152.2	4422.2	3753.8	3146.5	2610.0	2126.1	1683.0	1285.6
-37.5°	7220.9	6324.3	5512.7	4772.7	4099.2	3497.6	2946.3	2442.6	1983.6	1572.3	1205.1
-40°	6583.5	5774.1	5056.2	4404.8	3794.0	3228.1	2735.5	2274.8	1846.5	1455.4	1120.1
-42.5°	5932.4	5263.6	4626.1	4020.7	3486.9	2985.0	2517.7	2098.8	1707.8	1346.3	1030.7
-45°	5368.1	4760.2	4196.6	3674.2	3174.9	2732.7	2314.9	1918.3	1562.9	1239.1	944.3
-47.5°	4805.1	4285.2	3787.6	3316.3	2890.4	2479.1	2104.1	1750.3	1412.7	1127.5	864.5
-50°	4285.2	3825.6	3391.3	2985.8	2596.4	2240.7	1892.6	1576.2	1282.1	1011.5	781.6
-52.5°	3787.6	3391.3	3017.8	2659.7	2323.3	1994.8	1694.7	1399.5	1147.1	907.0	695.8
-55°	3316.3	2985.8	2659.7	2350.9	2049.6	1766.3	1491.0	1244.9	1007.9	805.9	609.5
-57.5°	2890.4	2596.4	2323.3	2049.6	1790.2	1538.5	1304.0	1086.2	885.2	701.8	538.6
-60°	2479.1	2240.7	1994.8	1766.3	1538.5	1323.8	1125.5	933.2	765.3	599.9	465.9
-62.5°	2104.1	1892.6	1694.7	1491.0	1304.0	1125.5	949.2	797.2	642.7	515.0	391.4
-65°	1750.3	1576.2	1399.5	1244.9	1086.2	933.2	797.2	658.6	539.7	428.3	322.6
-67.5°	1412.7	1282.1	1147.1	1007.9	885.2	765.3	642.7	539.7	440.6	339.9	270.2
-70°	1127.5	1011.5	907.0	805.9	701.8	599.9	515.0	428.3	339.9	278.5	217.0
-72.5°	864.5	781.6	695.8	609.5	538.6	465.9	391.4	322.6	270.2	217.0	163.0
-75°	627.2	569.8	512.6	453.6	392.8	332.7	289.6	245.4	200.5	154.7	126.6
-77.5°	439.1	393.2	345.6	309.8	275.5	240.4	204.4	167.5	138.5	117.6	96.3
-80°	280.0	255.2	229.5	202.9	175.5	148.0	132.2	116.1	99.6	82.8	65.8
-82.5°	153.3	141.1	130.5	119.6	108.3	96.8	84.9	72.8	60.4	47.8	40.8
-85°	81.6	74.8	67.8	60.5	53.0	45.4	41.9	38.3	34.7	31.0	27.3
-87.5°	30.7	29.2	27.6	26.0	24.4	22.7	21.0	19.2	17.4	15.5	13.6
-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: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-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°	11.7	9.8	7.9	5.9	4.0	2.0	0.0
85°	23.5	19.6	15.7	11.8	7.9	4.0	0.0
82.5°	35.2	29.4	23.6	17.7	11.8	5.9	0.0
80°	48.5	39.1	31.4	23.6	15.7	7.9	0.0
77.5°	74.8	53.1	39.1	29.4	19.6	9.8	0.0
75°	100.9	74.8	48.5	35.2	23.5	11.7	0.0
72.5°	126.6	96.3	65.8	40.8	27.3	13.6	0.0
70°	154.7	117.6	82.8	47.8	31.0	15.5	0.0
67.5°	200.5	138.5	99.6	60.4	34.7	17.4	0.0
65°	245.4	167.5	116.1	72.8	38.3	19.2	0.0
62.5°	289.6	204.4	132.2	84.9	41.9	21.0	0.0
60°	332.7	240.4	148.0	96.8	45.4	22.7	0.0
57.5°	392.8	275.5	175.5	108.3	53.0	24.4	0.0
55°	453.6	309.8	202.9	119.6	60.5	26.0	0.0
52.5°	512.6	345.6	229.5	130.5	67.8	27.6	0.0
50°	569.8	393.2	255.2	141.1	74.8	29.2	0.0
47.5°	627.2	439.1	280.0	153.3	81.6	30.7	0.0
45°	695.5	483.3	303.8	171.1	88.1	32.1	0.0
42.5°	760.9	525.7	326.7	188.2	94.4	33.5	0.0
40°	823.4	566.1	353.7	204.6	100.3	34.8	0.0
37.5°	882.9	604.5	384.4	220.1	106.0	36.0	0.0
35°	939.1	647.6	413.4	234.7	111.3	37.2	0.0
32.5°	995.4	691.5	440.6	248.5	116.3	38.3	0.0
30°	1055.9	732.6	466.1	261.4	121.0	39.3	0.0
27.5°	1112.0	770.7	489.7	273.3	125.4	40.3	0.0
25°	1163.7	805.7	511.4	284.3	129.4	41.1	0.0
22.5°	1210.8	837.7	531.2	294.3	133.0	41.9	0.0
20°	1253.3	866.5	549.0	303.3	136.3	42.7	0.0
17.5°	1291.0	892.0	564.9	311.2	139.2	43.3	0.0
15°	1323.8	914.2	578.6	318.2	141.7	43.9	0.0
12.5°	1351.7	933.2	590.3	324.1	143.9	44.3	0.0
10°	1374.6	948.7	599.9	328.9	145.7	44.7	0.0
7.5°	1392.5	960.8	607.4	332.7	147.0	45.0	0.0
5°	1405.3	969.5	612.8	335.4	148.0	45.2	0.0
2.5°	1413.0	974.7	616.0	337.1	148.6	45.4	0.0
0°	1415.6	976.4	617.1	337.6	148.8	45.4	0.0
-2.5°	1413.0	974.7	616.0	337.1	148.6	45.4	0.0
-5°	1405.3	969.5	612.8	335.4	148.0	45.2	0.0
-7.5°	1392.5	960.8	607.4	332.7	147.0	45.0	0.0
-10°	1374.6	948.7	599.9	328.9	145.7	44.7	0.0
-12.5°	1351.7	933.2	590.3	324.1	143.9	44.3	0.0
-15°	1323.8	914.2	578.6	318.2	141.7	43.9	0.0
-17.5°	1291.0	892.0	564.9	311.2	139.2	43.3	0.0
-20°	1253.3	866.5	549.0	303.3	136.3	42.7	0.0



REPORT NUMBER: P1305982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1210.8	837.7	531.2	294.3	133.0	41.9	0.0
-25°	1163.7	805.7	511.4	284.3	129.4	41.1	0.0
-27.5°	1112.0	770.7	489.7	273.3	125.4	40.3	0.0
-30°	1055.9	732.6	466.1	261.4	121.0	39.3	0.0
-32.5°	995.4	691.5	440.6	248.5	116.3	38.3	0.0
-35°	939.1	647.6	413.4	234.7	111.3	37.2	0.0
-37.5°	882.9	604.5	384.4	220.1	106.0	36.0	0.0
-40°	823.4	566.1	353.7	204.6	100.3	34.8	0.0
-42.5°	760.9	525.7	326.7	188.2	94.4	33.5	0.0
-45°	695.5	483.3	303.8	171.1	88.1	32.1	0.0
-47.5°	627.2	439.1	280.0	153.3	81.6	30.7	0.0
-50°	569.8	393.2	255.2	141.1	74.8	29.2	0.0
-52.5°	512.6	345.6	229.5	130.5	67.8	27.6	0.0
-55°	453.6	309.8	202.9	119.6	60.5	26.0	0.0
-57.5°	392.8	275.5	175.5	108.3	53.0	24.4	0.0
-60°	332.7	240.4	148.0	96.8	45.4	22.7	0.0
-62.5°	289.6	204.4	132.2	84.9	41.9	21.0	0.0
-65°	245.4	167.5	116.1	72.8	38.3	19.2	0.0
-67.5°	200.5	138.5	99.6	60.4	34.7	17.4	0.0
-70°	154.7	117.6	82.8	47.8	31.0	15.5	0.0
-72.5°	126.6	96.3	65.8	40.8	27.3	13.6	0.0
-75°	100.9	74.8	48.5	35.2	23.5	11.7	0.0
-77.5°	74.8	53.1	39.1	29.4	19.6	9.8	0.0
-80°	48.5	39.1	31.4	23.6	15.7	7.9	0.0
-82.5°	35.2	29.4	23.6	17.7	11.8	5.9	0.0
-85°	23.5	19.6	15.7	11.8	7.9	4.0	0.0
-87.5°	11.7	9.8	7.9	5.9	4.0	2.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)