

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: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-7F-CV2-A**

Issue Date: 2/3/2026

Test Information

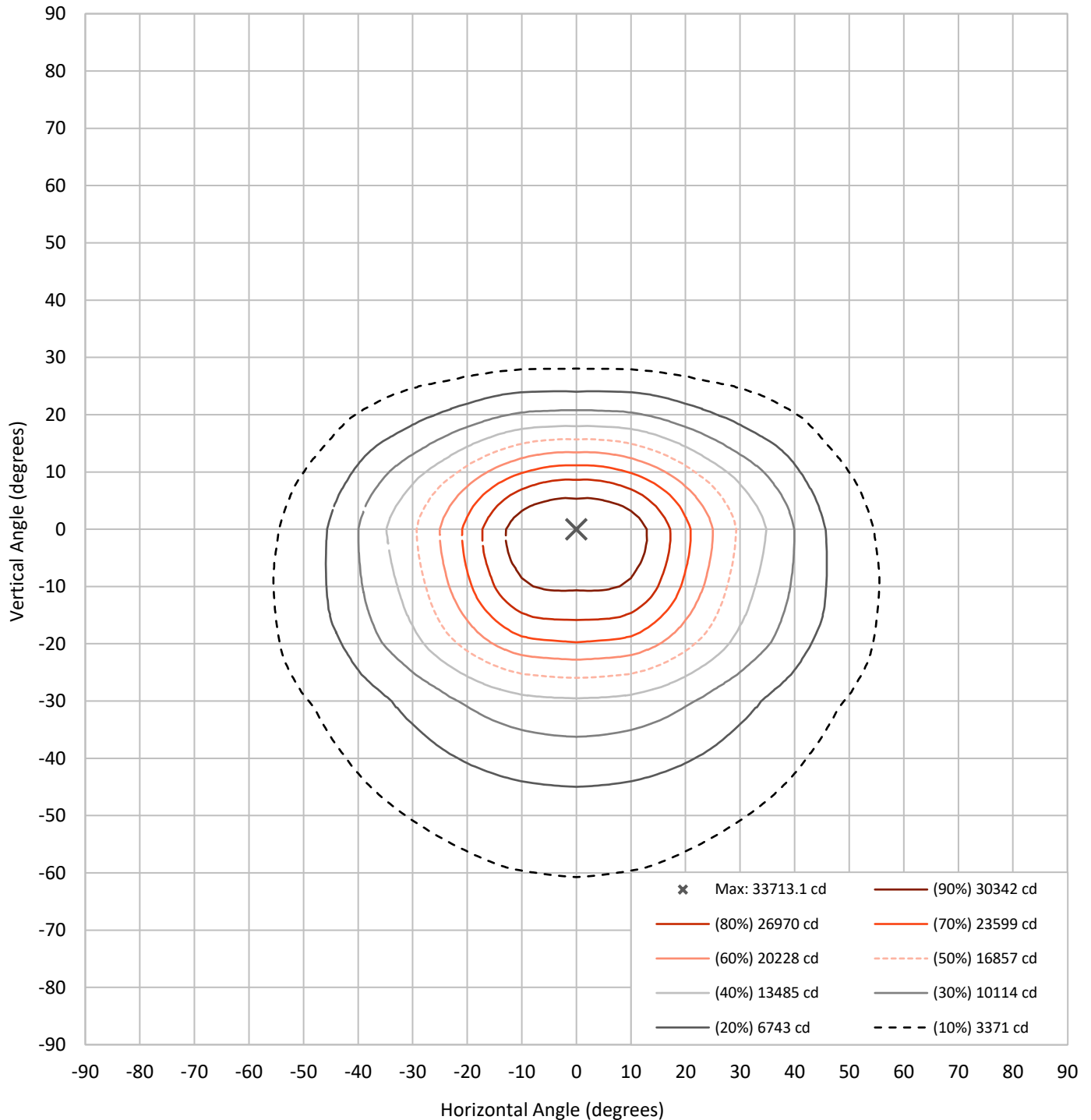
Test Method: LM-79-08
Report Number: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-70-7F-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	29495 lumens	Max Intensity:	33713.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	14298.9 lumens	Field Lumens:	26788.4 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
Input Watts (W):	334		
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: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

Iso-Candela Plot





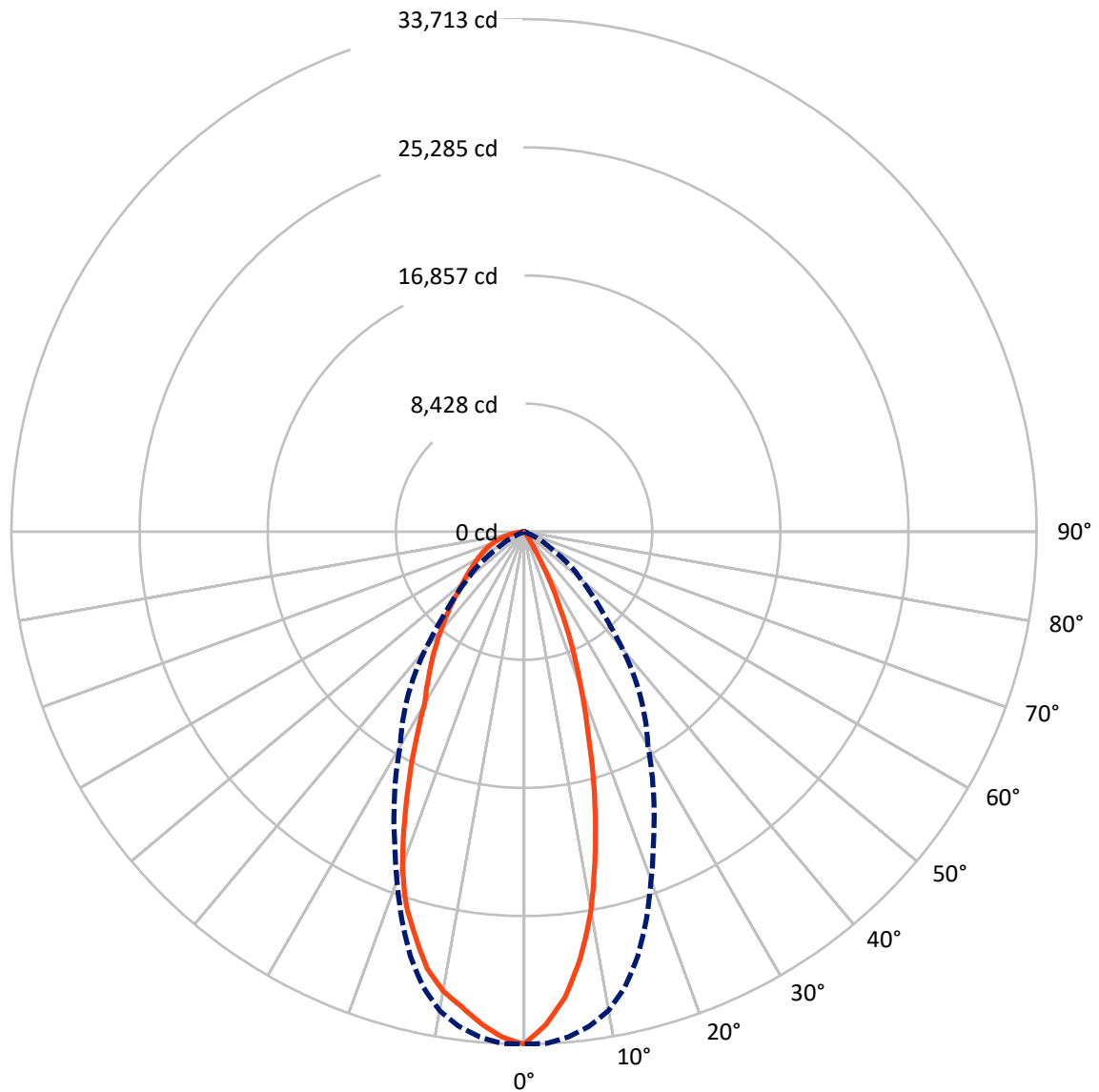
REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

Lumen Table

90																			
80	0.2	1.4		3.5		2.6		2.0		2.6		3.5		1.4		0.2			
70	0.3	0.4	1.0	1.4	1.1	0.6	0.4	0.4	0.4	0.4	0.6	1.1	1.4	1.0	0.4	0.3			
60		0.4	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.4				
50	0.4	0.4	0.9	1.5	2.0	2.5	3.1	3.5	3.5	3.1	2.5	2.0	1.5	0.9	0.4	0.4			
40		0.7	3.1	7.1	11.6	15.3	20.1	22.9	22.9	20.1	15.3	11.6	7.1	3.1	0.7				
30	0.7	1.8	11.0	32.2	66.7	108.0	156.6	182.8	182.8	156.6	108.0	66.7	32.2	11.0	1.8	0.7			
20		4.1	27.0	80.4	177.4	299.5	441.8	534.4	534.4	441.8	299.5	177.4	80.4	27.0	4.1				
10	1.7	8.0	47.4	136.9	296.0	501.6	748.3	903.4	903.4	748.3	501.6	296.0	136.9	47.4	8.0	1.7			
0		13.0	61.0	157.5	323.1	547.6	824.5	973.3	973.3	824.5	547.6	323.1	157.5	61.0	13.0				
-10	4.1	15.2	60.9	147.5	286.4	476.1	701.6	825.0	825.0	701.6	476.1	286.4	147.5	60.9	15.2	4.1			
-20		14.4	50.0	111.1	208.8	333.0	464.3	535.7	535.7	464.3	333.0	208.8	111.1	50.0	14.4				
-30	4.8	13.0	36.7	76.7	136.5	210.1	279.4	318.6	318.6	279.4	210.1	136.5	76.7	36.7	13.0	4.8			
-40		10.5	26.8	54.0	93.6	139.5	179.0	202.0	202.0	179.0	139.5	93.6	54.0	26.8	10.5				
-50	3.2	7.9	18.8	36.2	60.7	88.9	114.1	128.1	128.1	114.1	88.9	60.7	36.2	18.8	7.9	3.2			
-60		5.4	13.0	24.8	40.1	57.8	74.7	83.9	83.9	74.7	57.8	40.1	24.8	13.0	5.4				
-70																			
-80	0.9	12.3		44.0		84.3		103.6		84.3		44.0		12.3		0.9			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

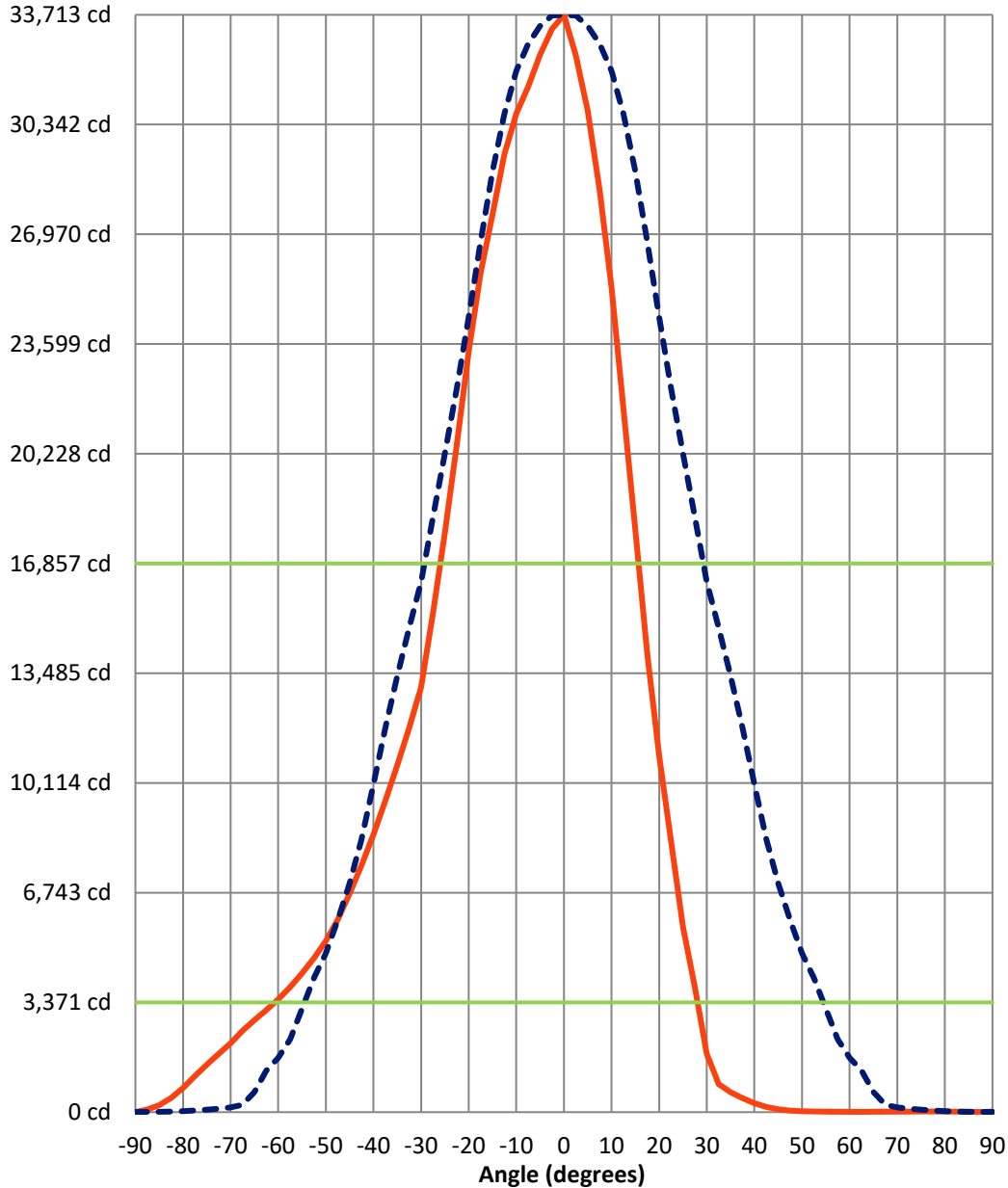
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 41.6°
 Lumens: 14298.9
 Efficiency: 48.5%

Field:
 H Angle: 109°
 V Angle: 88.8°
 Lumens: 26788.4
 Efficiency: 90.8%

Spill:
 Lumens: 2706.6
 Efficiency: 9.2%

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



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.7	5.3	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3
87.5°	4.7	4.9	5.1	5.4	5.8	6.3	6.8	7.0	7.1	7.2	7.2
85°	4.7	5.1	5.5	6.2	7.0	7.9	9.0	9.3	9.6	9.7	9.8
82.5°	4.7	5.2	5.9	6.9	8.1	9.5	11.1	11.7	12.1	12.9	14.4
80°	4.7	5.4	6.4	7.6	9.2	11.0	13.0	13.3	14.6	16.9	20.2
77.5°	4.7	5.6	6.8	8.3	10.3	12.1	13.2	14.5	16.9	20.7	24.6
75°	4.7	5.8	7.2	9.0	11.1	12.1	13.4	15.5	18.9	22.1	25.3
72.5°	4.7	6.0	7.6	9.7	11.1	12.2	13.6	16.2	19.5	22.7	25.9
70°	4.7	6.1	7.9	10.2	11.0	12.2	13.8	16.7	20.0	23.3	26.9
67.5°	4.7	6.3	8.3	10.1	10.9	12.1	14.2	17.1	20.4	24.2	28.0
65°	4.7	6.5	8.7	9.9	10.8	12.3	14.7	17.4	21.2	25.1	29.4
62.5°	4.7	6.6	9.0	9.8	10.6	12.7	15.2	17.9	21.9	26.1	31.5
60°	4.7	6.8	9.3	9.6	10.5	13.1	15.6	18.5	22.6	27.8	33.5
57.5°	4.7	6.9	9.3	9.4	10.8	13.5	16.3	19.1	23.8	29.4	34.5
55°	4.7	7.0	9.2	9.2	11.1	13.9	17.1	19.9	25.0	30.7	35.1
52.5°	4.7	7.2	9.2	9.0	11.4	14.3	17.8	21.2	26.2	31.4	35.7
50°	4.7	7.3	9.1	8.8	11.7	15.0	18.6	22.6	27.1	32.0	34.7
47.5°	4.7	7.4	9.1	8.7	12.0	15.6	19.4	24.0	27.7	32.6	33.7
45°	4.7	7.5	9.1	8.9	12.2	16.3	20.6	25.4	29.2	31.9	32.8
42.5°	4.7	7.7	9.1	9.1	12.5	16.9	21.8	26.9	30.9	31.3	31.8
40°	4.7	7.8	9.1	9.4	12.8	17.6	23.0	28.5	32.5	31.0	31.1
37.5°	4.7	7.8	9.2	9.9	13.3	18.2	24.1	30.3	33.9	32.8	30.8
35°	4.7	7.9	9.2	10.4	13.7	19.0	25.2	32.2	35.8	35.4	33.1
32.5°	4.7	8.0	9.3	11.0	14.2	19.8	26.5	34.1	38.0	38.8	42.5
30°	4.7	8.1	9.3	11.5	14.6	20.6	28.0	36.1	40.6	42.8	52.1
27.5°	4.7	8.1	9.4	12.1	15.7	21.4	29.5	38.2	43.7	47.6	62.0
25°	4.7	8.2	9.5	12.6	17.1	22.1	31.1	40.4	47.5	54.9	73.0
22.5°	4.7	8.2	9.6	13.2	18.4	23.5	32.6	42.8	51.6	63.2	108.2
20°	4.7	8.3	9.7	13.8	19.8	26.4	34.1	45.2	56.0	71.5	145.4
17.5°	4.7	8.3	9.9	14.3	21.3	29.5	38.1	47.8	60.7	79.7	184.1
15°	4.7	8.3	10.0	14.9	22.7	32.8	43.7	53.1	65.5	87.7	223.3
12.5°	4.7	8.3	10.1	15.4	24.2	36.1	49.3	61.7	75.4	95.5	262.4
10°	4.7	8.3	10.2	15.9	25.6	39.4	55.0	70.6	89.7	119.0	313.9
7.5°	4.7	8.3	10.4	16.5	27.0	42.7	60.7	79.4	104.1	145.5	393.9
5°	4.7	8.3	10.5	16.9	28.3	46.0	66.3	88.3	118.6	172.4	473.5
2.5°	4.7	8.3	10.6	17.4	29.6	49.1	71.7	96.9	132.9	199.0	550.2
0°	4.7	8.3	10.7	17.8	30.8	52.1	76.9	105.3	146.8	224.9	621.4
-2.5°	4.7	8.5	11.5	20.4	36.8	63.3	96.9	138.2	198.7	308.8	731.4
-5°	4.7	8.6	12.2	23.0	42.6	74.1	116.3	170.3	249.1	389.6	831.9
-7.5°	4.7	8.7	13.0	25.4	48.2	84.4	134.8	201.1	297.3	466.0	921.5
-10°	4.7	8.9	13.7	27.7	53.5	94.2	152.3	230.1	342.5	536.2	998.8
-12.5°	4.7	9.0	14.3	29.9	58.4	103.3	168.4	256.9	384.0	596.6	1028.1
-15°	4.7	9.1	14.9	31.9	62.8	111.5	183.0	281.1	420.4	633.5	1032.7
-17.5°	4.7	9.2	15.5	33.6	66.8	118.8	195.7	304.1	451.8	665.1	1031.0
-20°	4.7	9.2	16.0	35.1	70.2	125.1	208.2	325.6	478.9	691.1	1023.9



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	9.3	16.5	36.4	73.0	130.2	221.4	344.0	501.5	711.2	1011.9
-25°	4.7	9.3	16.9	37.4	75.2	136.9	232.4	359.0	519.2	725.4	995.9
-27.5°	4.7	9.4	17.2	38.0	76.7	143.3	241.0	370.4	531.9	737.1	1006.0
-30°	4.7	9.4	17.5	38.4	77.7	148.1	247.0	378.1	542.5	749.4	1010.0
-32.5°	4.7	9.4	17.7	38.4	80.1	151.2	250.4	384.1	550.0	754.9	1006.5
-35°	4.7	9.4	17.8	38.1	81.5	152.6	253.1	387.0	552.2	753.3	995.3
-37.5°	4.7	9.3	17.8	37.4	82.0	153.0	254.1	386.1	549.2	744.6	946.7
-40°	4.7	9.3	17.8	36.4	81.5	153.0	252.4	381.4	540.8	734.1	898.1
-42.5°	4.7	9.2	17.6	35.4	80.7	151.5	248.1	372.8	530.1	698.8	846.3
-45°	4.7	9.1	17.4	34.7	80.0	148.4	241.2	362.2	515.6	658.1	792.9
-47.5°	4.7	9.0	17.1	33.6	78.3	143.7	231.7	350.5	495.9	615.5	745.3
-50°	4.7	8.9	16.7	33.3	75.9	137.5	222.8	335.2	461.2	576.5	695.5
-52.5°	4.7	8.8	16.3	32.9	72.6	129.7	212.3	316.5	428.6	535.8	644.4
-55°	4.7	8.6	15.7	32.2	68.5	123.0	199.6	295.1	396.0	493.5	597.6
-57.5°	4.7	8.5	15.1	31.1	63.7	115.7	184.9	275.6	361.9	453.7	549.1
-60°	4.7	8.3	14.4	29.6	58.2	107.2	168.7	251.2	327.4	413.5	500.7
-62.5°	4.7	8.1	13.9	27.7	54.3	97.6	155.0	224.2	295.3	371.8	454.2
-65°	4.7	7.9	13.3	25.6	49.8	87.0	139.9	197.8	261.6	331.5	406.1
-67.5°	4.7	7.7	12.7	23.1	44.7	76.9	123.4	174.5	226.3	290.1	357.6
-70°	4.7	7.4	12.1	20.4	39.1	67.4	105.6	150.0	196.0	247.0	307.7
-72.5°	4.7	7.2	11.4	18.6	33.1	57.2	89.8	124.5	164.5	208.8	257.3
-75°	4.7	6.9	10.7	17.0	26.6	46.4	73.4	101.4	131.9	169.5	210.6
-77.5°	4.7	6.7	9.9	15.4	22.9	35.0	56.3	78.8	103.5	130.7	162.4
-80°	4.7	6.4	9.1	13.6	19.8	27.6	38.4	55.6	74.8	96.1	119.3
-82.5°	4.7	6.1	8.4	11.8	16.6	22.6	29.8	36.8	45.6	60.8	77.5
-85°	4.7	5.9	7.5	10.0	13.3	17.4	22.3	27.1	32.3	38.0	44.2
-87.5°	4.7	5.6	6.7	8.1	9.9	12.1	14.8	17.3	20.0	23.0	26.3
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11.3	11.9	12.4
87.5°	7.6	8.0	8.4	8.8	8.0	7.2	6.3	5.2	5.5	5.8	6.1
85°	10.5	11.2	12.2	13.0	12.4	11.9	11.6	11.3	11.9	12.5	12.9
82.5°	15.9	16.9	17.5	17.8	18.2	18.7	19.8	21.9	23.2	24.0	24.3
80°	21.8	22.6	23.3	24.9	27.7	31.0	34.9	39.1	40.3	40.0	39.2
77.5°	25.5	27.0	29.7	33.8	38.4	43.2	48.5	54.2	55.6	54.9	53.8
75°	27.6	30.9	35.6	41.3	47.4	53.7	60.5	66.7	68.2	66.3	63.8
72.5°	29.5	34.4	40.5	48.0	55.0	61.6	68.5	75.7	78.5	75.1	70.7
70°	31.2	37.3	44.8	52.9	60.9	67.9	74.6	82.3	87.3	81.0	71.4
67.5°	32.7	40.4	48.6	56.9	63.7	70.6	78.7	82.1	83.9	73.9	63.6
65°	34.9	43.1	50.5	57.4	64.5	67.9	70.6	73.1	72.1	60.8	49.9
62.5°	37.1	43.8	50.6	56.2	58.4	60.5	60.1	57.7	54.1	47.0	38.5
60°	37.9	43.6	48.5	50.9	51.7	49.8	47.0	44.8	41.7	35.7	30.0
57.5°	38.3	41.6	44.4	45.1	42.9	40.0	38.9	35.8	33.5	29.7	24.6
55°	38.0	38.5	39.9	38.3	36.5	35.4	33.7	32.7	29.5	25.9	22.1
52.5°	36.4	35.9	34.6	33.9	34.4	34.1	33.5	31.9	28.9	25.4	23.3
50°	35.0	32.9	31.0	33.6	36.0	38.0	34.9	33.1	33.0	31.3	27.9
47.5°	33.2	30.4	32.1	36.1	43.0	45.5	41.3	41.2	42.6	45.9	41.8
45°	31.6	32.6	35.2	45.4	53.7	57.6	58.2	53.7	65.0	68.8	67.6
42.5°	30.4	37.1	49.2	56.3	69.8	78.1	81.4	88.2	94.9	103.1	105.2
40°	34.8	43.0	70.3	82.4	90.8	104.9	122.1	133.3	135.4	147.8	153.5
37.5°	40.6	67.0	99.2	120.0	119.4	144.1	169.8	196.7	211.9	200.0	227.5
35°	47.2	95.2	140.7	171.1	178.8	194.1	239.4	290.9	340.8	311.6	325.8
32.5°	66.7	127.5	189.4	235.8	281.0	291.3	319.4	459.1	549.6	551.0	478.3
30°	98.6	173.0	247.3	310.8	415.3	463.3	508.1	681.6	833.7	931.6	952.4
27.5°	138.5	224.9	318.2	432.4	580.6	667.1	812.3	998.7	1237.9	1417.1	1541.0
25°	183.5	305.3	395.7	586.3	777.8	936.7	1140.5	1397.1	1732.7	2019.9	2288.0
22.5°	241.3	398.5	518.6	758.7	996.4	1228.3	1511.3	1880.1	2307.2	2680.7	3060.5
20°	314.0	504.5	678.9	971.3	1245.0	1524.1	1887.2	2400.1	2940.6	3468.6	3961.5
17.5°	392.7	616.1	858.4	1214.3	1584.6	1900.1	2280.4	2940.0	3607.8	4332.8	5050.8
15°	475.6	731.7	1036.4	1479.3	1949.1	2378.7	2881.7	3553.7	4347.7	5277.7	6203.9
12.5°	560.7	849.5	1211.0	1759.8	2329.4	2866.2	3506.5	4273.3	5184.9	6287.8	7411.0
10°	645.9	967.3	1380.4	2048.5	2717.9	3355.9	4115.6	4968.0	6010.3	7249.6	8520.1
7.5°	800.3	1122.2	1556.1	2337.3	3106.8	3840.8	4703.6	5633.2	6792.1	8169.8	9559.4
5°	965.3	1312.9	1795.7	2640.2	3473.9	4266.3	5232.3	6262.4	7524.0	9036.3	10543.2
2.5°	1125.5	1496.5	2024.3	2923.0	3811.4	4590.8	5587.8	6671.1	8007.1	9641.3	11290.4
0°	1276.0	1671.4	2239.6	3179.4	4121.7	4884.0	5903.1	7034.8	8388.9	10074.5	11809.8
-2.5°	1411.9	1831.3	2420.8	3336.3	4217.5	4956.5	5982.9	7117.8	8457.1	10076.1	11680.3
-5°	1531.4	1980.3	2584.9	3467.2	4289.0	5004.7	6020.8	7151.2	8464.7	10003.6	11501.5
-7.5°	1633.2	2117.5	2731.0	3561.5	4327.1	5043.2	6028.8	7139.3	8420.0	9871.9	11290.3
-10°	1701.2	2174.1	2740.1	3537.0	4316.7	5058.7	6001.2	7082.1	8315.3	9685.0	11028.5
-12.5°	1657.3	2153.1	2707.6	3482.5	4280.7	5038.7	5937.0	6981.8	8152.5	9453.5	10719.2
-15°	1607.5	2118.4	2654.5	3397.1	4219.2	4980.6	5838.1	6840.8	7873.2	9074.4	10323.3
-17.5°	1554.5	2069.4	2580.2	3279.9	4132.5	4882.7	5654.8	6468.8	7416.1	8594.2	9827.9
-20°	1500.6	2005.4	2484.2	3130.4	4013.5	4633.8	5265.7	6022.5	6920.6	8017.4	9252.5



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1447.9	1926.3	2383.0	2999.0	3696.4	4281.7	4852.7	5533.8	6349.4	7341.9	8424.2
-25°	1408.3	1844.2	2284.9	2784.2	3363.2	3924.1	4409.6	5013.3	5755.3	6604.2	7460.5
-27.5°	1377.5	1771.5	2146.2	2572.3	3049.9	3563.5	3994.7	4513.1	5211.7	5891.6	6552.5
-30°	1344.7	1675.2	2005.7	2376.8	2799.0	3224.9	3599.1	4104.9	4726.5	5313.2	5839.3
-32.5°	1281.5	1573.4	1882.5	2217.1	2571.1	2922.0	3313.5	3792.8	4312.3	4816.8	5238.9
-35°	1206.6	1477.9	1764.0	2059.3	2358.4	2697.6	3087.5	3498.6	3938.3	4394.4	4875.3
-37.5°	1143.8	1378.5	1642.0	1913.0	2189.2	2505.2	2854.0	3231.5	3621.3	4029.2	4499.9
-40°	1076.3	1275.4	1526.0	1777.2	2031.4	2315.7	2636.3	2971.1	3320.4	3706.7	4114.1
-42.5°	1006.0	1195.6	1410.2	1638.6	1877.1	2131.8	2410.7	2722.0	3043.0	3382.4	3746.3
-45°	945.4	1111.7	1295.9	1508.7	1720.8	1946.1	2198.1	2469.4	2770.7	3072.7	3389.5
-47.5°	881.7	1028.2	1199.3	1376.7	1571.6	1771.2	1982.2	2237.8	2498.0	2774.9	3049.4
-50°	818.2	955.3	1098.9	1262.4	1429.5	1604.5	1789.6	2018.0	2256.8	2489.7	2730.3
-52.5°	761.2	879.4	1014.2	1153.1	1302.0	1453.8	1625.4	1824.1	2034.5	2241.8	2456.1
-55°	702.2	813.0	931.6	1056.7	1184.5	1319.5	1477.5	1654.5	1827.5	2020.5	2212.2
-57.5°	646.4	748.6	856.5	966.8	1081.6	1198.4	1350.4	1497.6	1658.2	1818.4	1984.7
-60°	591.8	686.4	785.4	885.4	984.9	1101.9	1231.0	1368.0	1504.8	1641.0	1796.6
-62.5°	536.5	627.0	717.1	807.9	900.4	1008.9	1131.9	1252.7	1369.2	1498.9	1630.9
-65°	483.8	566.3	651.5	735.3	817.4	922.5	1033.4	1147.7	1261.0	1369.9	1482.0
-67.5°	429.0	504.2	582.7	663.4	742.4	833.6	932.6	1036.7	1142.4	1242.6	1345.3
-70°	371.5	439.4	510.1	583.4	659.9	741.2	825.8	916.9	1010.5	1099.1	1188.5
-72.5°	311.7	370.4	433.1	499.4	565.9	635.6	709.8	788.0	864.6	938.8	1016.1
-75°	253.4	299.5	351.9	407.7	464.4	523.3	585.3	649.1	710.6	770.8	833.0
-77.5°	196.2	232.7	272.4	315.2	357.6	403.4	451.8	502.7	550.6	597.5	645.1
-80°	141.5	164.4	193.4	225.1	257.1	289.7	323.2	357.4	388.0	420.1	454.7
-82.5°	93.2	109.7	126.9	145.0	163.1	181.9	202.2	226.4	246.6	266.5	286.6
-85°	49.2	54.3	64.7	75.7	86.4	97.4	108.9	120.7	131.1	141.1	150.6
-87.5°	28.9	31.7	34.5	37.3	39.7	42.0	44.4	46.7	49.9	53.1	56.3
-90°	4.7	4.7	4.7	4.7	4.4	4.2	3.9	3.6	3.6	3.6	3.6



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.0	13.6	14.2	14.8	15.4	15.7	16.0	16.3	16.6	16.9	17.2
87.5°	6.5	6.3	6.1	5.9	5.7	7.1	8.5	10.0	11.5	10.4	9.3
85°	13.2	13.1	13.0	12.9	12.7	14.6	16.6	18.6	20.6	18.9	16.9
82.5°	24.3	23.8	22.9	21.8	20.3	20.1	19.8	19.1	18.2	17.4	16.6
80°	38.1	36.3	34.1	31.3	28.2	26.5	24.8	23.0	21.0	20.4	19.9
77.5°	51.6	48.2	44.1	39.7	35.0	32.1	29.5	26.7	23.7	22.9	22.4
75°	61.0	56.7	50.7	44.3	37.7	33.2	29.9	26.6	23.4	22.2	21.5
72.5°	65.3	58.9	51.5	43.0	34.9	29.5	26.2	23.2	20.4	19.3	18.7
70°	62.0	53.0	44.6	36.5	28.9	23.8	21.4	19.4	17.7	16.9	16.4
67.5°	52.9	43.7	35.7	28.6	22.7	18.8	17.5	16.4	15.3	14.7	14.5
65°	41.0	33.9	27.7	22.6	18.7	16.0	15.0	14.0	13.0	12.4	12.2
62.5°	31.0	25.5	21.5	18.4	15.9	14.1	13.3	12.6	12.1	11.7	11.5
60°	24.8	20.2	17.7	16.0	14.5	13.2	13.0	12.9	12.7	12.5	12.0
57.5°	21.3	18.4	16.6	16.2	15.5	14.6	14.4	14.3	13.8	13.0	12.5
55°	20.4	19.6	18.8	19.1	19.1	18.4	17.4	16.7	16.0	15.3	15.4
52.5°	22.7	24.2	25.0	24.9	23.7	21.9	19.9	20.2	20.6	20.9	21.3
50°	30.2	32.1	32.1	29.5	29.3	28.3	25.8	27.0	28.5	28.9	29.1
47.5°	42.0	43.8	45.0	40.4	41.2	43.7	41.0	40.3	45.3	47.5	48.6
45°	61.2	68.7	70.9	72.2	70.2	76.7	76.8	73.7	83.5	88.8	90.6
42.5°	102.0	114.6	124.6	127.5	125.1	133.2	139.5	139.1	151.3	160.0	162.2
40°	170.6	182.6	196.9	202.2	204.5	212.0	227.7	237.8	250.1	263.7	270.5
37.5°	258.7	277.4	280.4	291.3	305.1	312.0	335.9	356.3	373.0	398.5	414.8
35°	387.8	437.1	383.9	409.2	444.1	448.1	469.8	517.0	528.8	573.3	597.8
32.5°	625.9	717.7	705.7	620.3	695.4	780.6	685.7	854.6	839.4	886.9	947.3
30°	987.8	1254.9	1284.6	1159.7	1368.2	1481.3	1463.1	1631.3	1739.1	1725.7	1935.0
27.5°	1762.2	1976.5	2073.8	2253.2	2365.8	2532.6	2826.4	2997.5	3305.3	3466.8	3660.4
25°	2600.4	2853.7	3166.3	3474.8	3709.1	4079.0	4491.2	4815.3	5250.9	5524.2	5723.4
22.5°	3506.4	3953.8	4389.0	4818.8	5291.9	5801.2	6287.5	6849.1	7379.3	7770.8	8066.7
20°	4499.7	5118.9	5734.4	6324.4	6914.7	7595.7	8197.9	8872.8	9524.0	10090.3	10480.2
17.5°	5727.6	6375.0	7161.1	7950.5	8715.2	9558.5	10448.0	11204.8	12118.1	12872.3	13439.7
15°	7065.0	7875.7	8733.6	9721.1	10753.8	11797.2	12876.0	13988.6	15028.3	15992.6	16715.0
12.5°	8446.0	9455.1	10500.5	11593.8	12791.2	14089.8	15445.4	16769.7	18055.2	19115.2	20106.2
10°	9772.5	11033.7	12246.7	13527.8	14906.7	16359.4	17946.9	19524.4	21018.4	22324.2	23390.6
7.5°	10934.9	12304.0	13703.5	15274.5	16911.1	18539.0	20259.0	22028.5	23729.0	25234.0	26480.8
5°	12027.5	13455.9	14873.6	16563.8	18369.7	20237.6	22185.0	24172.8	26008.6	27710.2	29091.0
2.5°	12879.4	14381.8	15839.6	17692.8	19598.4	21500.8	23486.5	25659.8	27707.7	29557.4	30912.2
0°	13399.5	14882.7	16291.3	18280.0	20240.2	22237.1	24426.9	26739.9	28896.6	30668.6	31988.5
-2.5°	13219.7	14666.7	16194.8	18148.3	20220.6	22217.8	24433.1	26767.4	28910.0	30710.7	31999.6
-5°	12972.7	14391.3	15937.9	17892.5	19915.0	21909.9	24094.0	26389.5	28493.9	30265.3	31486.0
-7.5°	12669.0	14038.3	15546.4	17442.0	19453.2	21450.5	23576.5	25748.5	27761.1	29521.9	30670.6
-10°	12309.9	13608.1	15100.0	16923.2	18919.1	20844.5	22864.6	25015.7	27035.5	28636.9	29869.7
-12.5°	11937.5	13202.1	14587.6	16312.7	18223.4	20013.4	21942.1	24013.6	25793.0	27430.7	28514.1
-15°	11510.9	12723.8	14022.9	15612.9	17344.7	19020.1	20695.5	22522.2	24145.9	25602.1	26753.3
-17.5°	11017.3	12166.4	13306.6	14736.2	16394.3	17890.8	19357.6	20948.3	22391.8	23728.7	24725.4
-20°	10335.4	11281.0	12376.6	13744.3	15180.6	16442.9	17781.3	19117.5	20402.6	21534.3	22378.3



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9358.7	10278.8	11293.8	12412.4	13614.1	14773.6	15919.2	17012.5	18058.0	18999.8	19679.1
-25°	8319.1	9159.5	10075.7	11005.5	11965.1	13003.7	14008.6	14911.0	15770.7	16498.4	17057.9
-27.5°	7286.1	8080.9	8881.9	9632.4	10399.8	11267.4	12146.8	12902.4	13630.6	14200.6	14636.8
-30°	6363.5	7213.1	7918.4	8429.0	9172.8	9933.9	10504.1	11191.6	11765.2	12129.0	12597.8
-32.5°	5855.1	6495.9	7135.4	7660.3	8251.3	8919.1	9459.1	10020.7	10504.9	10895.8	11190.5
-35°	5391.3	5954.4	6494.8	7034.8	7562.5	8098.9	8596.6	9070.7	9500.1	9845.8	10118.9
-37.5°	4974.6	5462.0	5951.2	6417.1	6891.1	7339.5	7766.7	8175.6	8536.6	8848.2	9105.7
-40°	4554.0	4989.4	5419.5	5840.8	6255.4	6621.4	6988.7	7326.6	7631.3	7907.0	8132.1
-42.5°	4131.6	4520.1	4896.9	5279.1	5646.9	5964.5	6267.9	6547.2	6808.4	7043.4	7237.6
-45°	3716.3	4059.4	4391.4	4730.8	5040.9	5330.4	5594.8	5830.0	6054.5	6252.6	6415.8
-47.5°	3342.1	3621.5	3917.7	4207.4	4476.6	4737.4	4968.6	5175.6	5372.6	5540.3	5673.5
-50°	2994.2	3249.4	3499.1	3733.8	3985.3	4213.9	4409.6	4600.4	4779.5	4929.1	5041.5
-52.5°	2667.2	2902.6	3127.2	3346.1	3564.4	3767.8	3955.5	4129.9	4286.4	4423.5	4520.9
-55°	2408.2	2600.6	2782.5	2993.2	3193.5	3374.4	3542.5	3711.8	3862.6	3995.8	4077.2
-57.5°	2163.1	2336.7	2509.9	2692.0	2868.2	3038.1	3197.7	3346.1	3485.0	3609.7	3679.8
-60°	1944.4	2084.5	2249.2	2417.2	2576.9	2728.5	2878.3	3017.5	3146.7	3255.2	3317.1
-62.5°	1761.2	1894.3	2033.6	2173.9	2312.2	2453.3	2589.2	2718.5	2841.1	2939.9	3000.1
-65°	1599.6	1720.1	1841.9	1966.2	2092.2	2216.4	2332.2	2445.7	2556.6	2641.2	2695.5
-67.5°	1447.5	1551.2	1653.5	1759.3	1867.8	1975.0	2077.1	2177.8	2276.4	2344.7	2387.2
-70°	1280.8	1372.3	1460.4	1549.5	1638.1	1725.2	1809.6	1893.8	1976.9	2031.8	2068.2
-72.5°	1096.0	1172.5	1244.0	1315.1	1387.6	1459.2	1528.6	1596.1	1661.2	1703.7	1735.1
-75°	896.5	954.9	1010.4	1066.5	1122.6	1180.8	1238.1	1293.1	1345.5	1377.3	1401.7
-77.5°	693.4	734.7	773.8	813.3	852.7	897.8	943.5	987.8	1030.4	1052.9	1069.7
-80°	489.7	518.6	545.4	570.9	595.2	624.0	652.9	681.0	707.9	720.7	730.2
-82.5°	306.8	323.7	339.6	354.7	368.9	384.3	398.9	412.5	425.0	431.2	435.9
-85°	159.6	166.9	173.8	180.1	185.9	193.0	199.7	205.9	211.7	213.6	214.8
-87.5°	59.5	61.7	63.9	66.0	68.0	70.6	73.3	75.8	78.3	79.0	79.5
-90°	3.6	3.6	3.6	3.6	3.6	3.3	3.0	2.7	2.4	2.4	2.4



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	17.5	17.8	17.8	17.8	17.8	17.8	17.5	17.2	16.9	16.6	16.3
87.5°	8.2	7.1	6.5	5.9	6.5	7.1	8.2	9.3	10.4	11.5	10.0
85°	15.0	13.0	12.4	11.8	12.4	13.0	15.0	16.9	18.9	20.6	18.6
82.5°	16.0	15.4	15.4	15.4	15.4	15.4	16.0	16.6	17.4	18.2	19.1
80°	19.4	18.9	18.9	18.9	18.9	18.9	19.4	19.9	20.4	21.0	23.0
77.5°	21.8	21.3	21.3	21.3	21.3	21.3	21.8	22.4	22.9	23.7	26.7
75°	20.8	20.2	20.1	20.1	20.1	20.2	20.8	21.5	22.2	23.4	26.6
72.5°	18.3	17.9	17.8	17.8	17.8	17.9	18.3	18.7	19.3	20.4	23.2
70°	15.9	15.5	15.4	15.4	15.4	15.5	15.9	16.4	16.9	17.7	19.4
67.5°	14.3	14.2	14.2	14.2	14.2	14.2	14.3	14.5	14.7	15.3	16.4
65°	12.0	11.9	11.8	11.8	11.8	11.9	12.0	12.2	12.4	13.0	14.0
62.5°	11.2	10.8	10.2	9.5	10.2	10.8	11.2	11.5	11.7	12.1	12.6
60°	11.5	10.9	10.7	10.7	10.7	10.9	11.5	12.0	12.5	12.7	12.9
57.5°	12.2	11.9	11.8	11.8	11.8	11.9	12.2	12.5	13.0	13.8	14.3
55°	15.4	15.3	15.3	15.4	15.3	15.3	15.4	15.4	15.3	16.0	16.7
52.5°	21.4	21.2	21.2	21.3	21.2	21.2	21.4	21.3	20.9	20.6	20.2
50°	29.4	29.4	29.0	28.4	29.0	29.4	29.4	29.1	28.9	28.5	27.0
47.5°	49.3	48.6	47.7	47.3	47.7	48.6	49.3	48.6	47.5	45.3	40.3
45°	92.7	92.0	90.7	90.0	90.7	92.0	92.7	90.6	88.8	83.5	73.7
42.5°	166.0	164.7	161.6	159.8	161.6	164.7	166.0	162.2	160.0	151.3	139.1
40°	278.3	279.8	277.3	275.8	277.3	279.8	278.3	270.5	263.7	250.1	237.8
37.5°	427.8	434.1	433.2	430.9	433.2	434.1	427.8	414.8	398.5	373.0	356.3
35°	609.2	616.1	612.6	612.0	612.6	616.1	609.2	597.8	573.3	528.8	517.0
32.5°	902.0	891.8	853.6	864.1	853.6	891.8	902.0	947.3	886.9	839.4	854.6
30°	1949.1	1986.6	1879.8	1794.5	1879.8	1986.6	1949.1	1935.0	1725.7	1739.1	1631.3
27.5°	3679.6	3760.4	3745.3	3832.8	3745.3	3760.4	3679.6	3660.4	3466.8	3305.3	2997.5
25°	5801.5	5855.1	5858.5	5700.7	5858.5	5855.1	5801.5	5723.4	5524.2	5250.9	4815.3
22.5°	8176.3	8228.1	8322.4	8322.6	8322.4	8228.1	8176.3	8066.7	7770.8	7379.3	6849.1
20°	10751.3	10760.7	10940.9	10954.0	10940.9	10760.7	10751.3	10480.2	10090.3	9524.0	8872.8
17.5°	13839.0	13989.2	14232.9	14090.8	14232.9	13989.2	13839.0	13439.7	12872.3	12118.1	11204.8
15°	17398.6	17734.1	17994.5	17877.5	17994.5	17734.1	17398.6	16715.0	15992.6	15028.3	13988.6
12.5°	20894.2	21423.0	21674.9	21613.3	21674.9	21423.0	20894.2	20106.2	19115.2	18055.2	16769.7
10°	24221.6	24966.0	25233.4	25327.7	25233.4	24966.0	24221.6	23390.6	22324.2	21018.4	19524.4
7.5°	27411.5	28093.6	28499.0	28329.6	28499.0	28093.6	27411.5	26480.8	25234.0	23729.0	22028.5
5°	29971.7	30547.7	30875.2	30758.6	30875.2	30547.7	29971.7	29091.0	27710.2	26008.6	24172.8
2.5°	31784.8	32322.7	32606.6	32463.8	32606.6	32322.7	31784.8	30912.2	29557.4	27707.7	25659.8
0°	32820.6	33368.7	33690.0	33713.1	33690.0	33368.7	32820.6	31988.5	30668.6	28896.6	26739.9
-2.5°	32780.1	33167.3	33393.2	33278.1	33393.2	33167.3	32780.1	31999.6	30710.7	28910.0	26767.4
-5°	32093.9	32420.8	32538.1	32488.0	32538.1	32420.8	32093.9	31486.0	30265.3	28493.9	26389.5
-7.5°	31247.2	31488.3	31569.0	31509.1	31569.0	31488.3	31247.2	30670.6	29521.9	27761.1	25748.5
-10°	30428.2	30669.1	30709.9	30675.7	30709.9	30669.1	30428.2	29869.7	28636.9	27035.5	25015.7
-12.5°	29235.7	29496.8	29505.3	29425.8	29505.3	29496.8	29235.7	28514.1	27430.7	25793.0	24013.6
-15°	27375.7	27589.2	27623.6	27579.2	27623.6	27589.2	27375.7	26753.3	25602.1	24145.9	22522.2
-17.5°	25308.4	25449.7	25602.9	25774.0	25602.9	25449.7	25308.4	24725.4	23728.7	22391.8	20948.3
-20°	22826.2	22995.3	23176.1	23367.5	23176.1	22995.3	22826.2	22378.3	21534.3	20402.6	19117.5



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20036.6	20226.6	20412.0	20508.9	20412.0	20226.6	20036.6	19679.1	18999.8	18058.0	17012.5
-25°	17338.2	17569.6	17716.0	17804.1	17716.0	17569.6	17338.2	17057.9	16498.4	15770.7	14911.0
-27.5°	14864.3	15138.7	15273.8	15331.4	15273.8	15138.7	14864.3	14636.8	14200.6	13630.6	12902.4
-30°	12780.8	12949.3	12972.6	13059.8	12972.6	12949.3	12780.8	12597.8	12129.0	11765.2	11191.6
-32.5°	11407.1	11594.3	11708.0	11803.9	11708.0	11594.3	11407.1	11190.5	10895.8	10504.9	10020.7
-35°	10331.0	10500.5	10612.1	10658.1	10612.1	10500.5	10331.0	10118.9	9845.8	9500.1	9070.7
-37.5°	9299.5	9427.6	9505.5	9567.9	9505.5	9427.6	9299.5	9105.7	8848.2	8536.6	8175.6
-40°	8304.9	8431.9	8509.1	8529.8	8509.1	8431.9	8304.9	8132.1	7907.0	7631.3	7326.6
-42.5°	7376.6	7474.5	7541.6	7587.6	7541.6	7474.5	7376.6	7237.6	7043.4	6808.4	6547.2
-45°	6536.1	6622.3	6682.1	6718.7	6682.1	6622.3	6536.1	6415.8	6252.6	6054.5	5830.0
-47.5°	5771.6	5840.9	5888.5	5916.2	5888.5	5840.9	5771.6	5673.5	5540.3	5372.6	5175.6
-50°	5125.3	5187.3	5231.3	5258.0	5231.3	5187.3	5125.3	5041.5	4929.1	4779.5	4600.4
-52.5°	4596.9	4657.2	4701.4	4730.1	4701.4	4657.2	4596.9	4520.9	4423.5	4286.4	4129.9
-55°	4144.7	4200.1	4240.2	4266.1	4240.2	4200.1	4144.7	4077.2	3995.8	3862.6	3711.8
-57.5°	3739.3	3788.2	3822.1	3843.5	3822.1	3788.2	3739.3	3679.8	3609.7	3485.0	3346.1
-60°	3370.0	3414.0	3445.3	3467.1	3445.3	3414.0	3370.0	3317.1	3255.2	3146.7	3017.5
-62.5°	3053.3	3099.6	3124.4	3138.0	3124.4	3099.6	3053.3	3000.1	2939.9	2841.1	2718.5
-65°	2745.3	2789.9	2814.0	2827.9	2814.0	2789.9	2745.3	2695.5	2641.2	2556.6	2445.7
-67.5°	2424.7	2456.9	2481.4	2500.0	2481.4	2456.9	2424.7	2387.2	2344.7	2276.4	2177.8
-70°	2099.4	2125.4	2126.2	2118.8	2126.2	2125.4	2099.4	2068.2	2031.8	1976.9	1893.8
-72.5°	1762.3	1785.1	1791.1	1790.9	1791.1	1785.1	1762.3	1735.1	1703.7	1661.2	1596.1
-75°	1422.8	1440.3	1452.0	1459.5	1452.0	1440.3	1422.8	1401.7	1377.3	1345.5	1293.1
-77.5°	1083.4	1093.9	1103.7	1110.3	1103.7	1093.9	1083.4	1069.7	1052.9	1030.4	987.8
-80°	737.4	742.3	743.4	742.2	743.4	742.3	737.4	730.2	720.7	707.9	681.0
-82.5°	439.2	441.3	439.1	435.6	439.1	441.3	439.2	435.9	431.2	425.0	412.5
-85°	215.5	215.6	215.2	214.3	215.2	215.6	215.5	214.8	213.6	211.7	205.9
-87.5°	80.0	80.3	81.6	82.9	81.6	80.3	80.0	79.5	79.0	78.3	75.8
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16.0	15.7	15.4	14.8	14.2	13.6	13.0	12.4	11.9	11.3	10.7
87.5°	8.5	7.1	5.7	5.9	6.1	6.3	6.5	6.1	5.8	5.5	5.2
85°	16.6	14.6	12.7	12.9	13.0	13.1	13.2	12.9	12.5	11.9	11.3
82.5°	19.8	20.1	20.3	21.8	22.9	23.8	24.3	24.3	24.0	23.2	21.9
80°	24.8	26.5	28.2	31.3	34.1	36.3	38.1	39.2	40.0	40.3	39.1
77.5°	29.5	32.1	35.0	39.7	44.1	48.2	51.6	53.8	54.9	55.6	54.2
75°	29.9	33.2	37.7	44.3	50.7	56.7	61.0	63.8	66.3	68.2	66.7
72.5°	26.2	29.5	34.9	43.0	51.5	58.9	65.3	70.7	75.1	78.5	75.7
70°	21.4	23.8	28.9	36.5	44.6	53.0	62.0	71.4	81.0	87.3	82.3
67.5°	17.5	18.8	22.7	28.6	35.7	43.7	52.9	63.6	73.9	83.9	82.1
65°	15.0	16.0	18.7	22.6	27.7	33.9	41.0	49.9	60.8	72.1	73.1
62.5°	13.3	14.1	15.9	18.4	21.5	25.5	31.0	38.5	47.0	54.1	57.7
60°	13.0	13.2	14.5	16.0	17.7	20.2	24.8	30.0	35.7	41.7	44.8
57.5°	14.4	14.6	15.5	16.2	16.6	18.4	21.3	24.6	29.7	33.5	35.8
55°	17.4	18.4	19.1	19.1	18.8	19.6	20.4	22.1	25.9	29.5	32.7
52.5°	19.9	21.9	23.7	24.9	25.0	24.2	22.7	23.3	25.4	28.9	31.9
50°	25.8	28.3	29.3	29.5	32.1	32.1	30.2	27.9	31.3	33.0	33.1
47.5°	41.0	43.7	41.2	40.4	45.0	43.8	42.0	41.8	45.9	42.6	41.2
45°	76.8	76.7	70.2	72.2	70.9	68.7	61.2	67.6	68.8	65.0	53.7
42.5°	139.5	133.2	125.1	127.5	124.6	114.6	102.0	105.2	103.1	94.9	88.2
40°	227.7	212.0	204.5	202.2	196.9	182.6	170.6	153.5	147.8	135.4	133.3
37.5°	335.9	312.0	305.1	291.3	280.4	277.4	258.7	227.5	200.0	211.9	196.7
35°	469.8	448.1	444.1	409.2	383.9	437.1	387.8	325.8	311.6	340.8	290.9
32.5°	685.7	780.6	695.4	620.3	705.7	717.7	625.9	478.3	551.0	549.6	459.1
30°	1463.1	1481.3	1368.2	1159.7	1284.6	1254.9	987.8	952.4	931.6	833.7	681.6
27.5°	2826.4	2532.6	2365.8	2253.2	2073.8	1976.5	1762.2	1541.0	1417.1	1237.9	998.7
25°	4491.2	4079.0	3709.1	3474.8	3166.3	2853.7	2600.4	2288.0	2019.9	1732.7	1397.1
22.5°	6287.5	5801.2	5291.9	4818.8	4389.0	3953.8	3506.4	3060.5	2680.7	2307.2	1880.1
20°	8197.9	7595.7	6914.7	6324.4	5734.4	5118.9	4499.7	3961.5	3468.6	2940.6	2400.1
17.5°	10448.0	9558.5	8715.2	7950.5	7161.1	6375.0	5727.6	5050.8	4332.8	3607.8	2940.0
15°	12876.0	11797.2	10753.8	9721.1	8733.6	7875.7	7065.0	6203.9	5277.7	4347.7	3553.7
12.5°	15445.4	14089.8	12791.2	11593.8	10500.5	9455.1	8446.0	7411.0	6287.8	5184.9	4273.3
10°	17946.9	16359.4	14906.7	13527.8	12246.7	11033.7	9772.5	8520.1	7249.6	6010.3	4968.0
7.5°	20259.0	18539.0	16911.1	15274.5	13703.5	12304.0	10934.9	9559.4	8169.8	6792.1	5633.2
5°	22185.0	20237.6	18369.7	16563.8	14873.6	13455.9	12027.5	10543.2	9036.3	7524.0	6262.4
2.5°	23486.5	21500.8	19598.4	17692.8	15839.6	14381.8	12879.4	11290.4	9641.3	8007.1	6671.1
0°	24426.9	22237.1	20240.2	18280.0	16291.3	14882.7	13399.5	11809.8	10074.5	8388.9	7034.8
-2.5°	24433.1	22217.8	20220.6	18148.3	16194.8	14666.7	13219.7	11680.3	10076.1	8457.1	7117.8
-5°	24094.0	21909.9	19915.0	17892.5	15937.9	14391.3	12972.7	11501.5	10003.6	8464.7	7151.2
-7.5°	23576.5	21450.5	19453.2	17442.0	15546.4	14038.3	12669.0	11290.3	9871.9	8420.0	7139.3
-10°	22864.6	20844.5	18919.1	16923.2	15100.0	13608.1	12309.9	11028.5	9685.0	8315.3	7082.1
-12.5°	21942.1	20013.4	18223.4	16312.7	14587.6	13202.1	11937.5	10719.2	9453.5	8152.5	6981.8
-15°	20695.5	19020.1	17344.7	15612.9	14022.9	12723.8	11510.9	10323.3	9074.4	7873.2	6840.8
-17.5°	19357.6	17890.8	16394.3	14736.2	13306.6	12166.4	11017.3	9827.9	8594.2	7416.1	6468.8
-20°	17781.3	16442.9	15180.6	13744.3	12376.6	11281.0	10335.4	9252.5	8017.4	6920.6	6022.5



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15919.2	14773.6	13614.1	12412.4	11293.8	10278.8	9358.7	8424.2	7341.9	6349.4	5533.8
-25°	14008.6	13003.7	11965.1	11005.5	10075.7	9159.5	8319.1	7460.5	6604.2	5755.3	5013.3
-27.5°	12146.8	11267.4	10399.8	9632.4	8881.9	8080.9	7286.1	6552.5	5891.6	5211.7	4513.1
-30°	10504.1	9933.9	9172.8	8429.0	7918.4	7213.1	6363.5	5839.3	5313.2	4726.5	4104.9
-32.5°	9459.1	8919.1	8251.3	7660.3	7135.4	6495.9	5855.1	5238.9	4816.8	4312.3	3792.8
-35°	8596.6	8098.9	7562.5	7034.8	6494.8	5954.4	5391.3	4875.3	4394.4	3938.3	3498.6
-37.5°	7766.7	7339.5	6891.1	6417.1	5951.2	5462.0	4974.6	4499.9	4029.2	3621.3	3231.5
-40°	6988.7	6621.4	6255.4	5840.8	5419.5	4989.4	4554.0	4114.1	3706.7	3320.4	2971.1
-42.5°	6267.9	5964.5	5646.9	5279.1	4896.9	4520.1	4131.6	3746.3	3382.4	3043.0	2722.0
-45°	5594.8	5330.4	5040.9	4730.8	4391.4	4059.4	3716.3	3389.5	3072.7	2770.7	2469.4
-47.5°	4968.6	4737.4	4476.6	4207.4	3917.7	3621.5	3342.1	3049.4	2774.9	2498.0	2237.8
-50°	4409.6	4213.9	3985.3	3733.8	3499.1	3249.4	2994.2	2730.3	2489.7	2256.8	2018.0
-52.5°	3955.5	3767.8	3564.4	3346.1	3127.2	2902.6	2667.2	2456.1	2241.8	2034.5	1824.1
-55°	3542.5	3374.4	3193.5	2993.2	2782.5	2600.6	2408.2	2212.2	2020.5	1827.5	1654.5
-57.5°	3197.7	3038.1	2868.2	2692.0	2509.9	2336.7	2163.1	1984.7	1818.4	1658.2	1497.6
-60°	2878.3	2728.5	2576.9	2417.2	2249.2	2084.5	1944.4	1796.6	1641.0	1504.8	1368.0
-62.5°	2589.2	2453.3	2312.2	2173.9	2033.6	1894.3	1761.2	1630.9	1498.9	1369.2	1252.7
-65°	2332.2	2216.4	2092.2	1966.2	1841.9	1720.1	1599.6	1482.0	1369.9	1261.0	1147.7
-67.5°	2077.1	1975.0	1867.8	1759.3	1653.5	1551.2	1447.5	1345.3	1242.6	1142.4	1036.7
-70°	1809.6	1725.2	1638.1	1549.5	1460.4	1372.3	1280.8	1188.5	1099.1	1010.5	916.9
-72.5°	1528.6	1459.2	1387.6	1315.1	1244.0	1172.5	1096.0	1016.1	938.8	864.6	788.0
-75°	1238.1	1180.8	1122.6	1066.5	1010.4	954.9	896.5	833.0	770.8	710.6	649.1
-77.5°	943.5	897.8	852.7	813.3	773.8	734.7	693.4	645.1	597.5	550.6	502.7
-80°	652.9	624.0	595.2	570.9	545.4	518.6	489.7	454.7	420.1	388.0	357.4
-82.5°	398.9	384.3	368.9	354.7	339.6	323.7	306.8	286.6	266.5	246.6	226.4
-85°	199.7	193.0	185.9	180.1	173.8	166.9	159.6	150.6	141.1	131.1	120.7
-87.5°	73.3	70.6	68.0	66.0	63.9	61.7	59.5	56.3	53.1	49.9	46.7
-90°	3.0	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.4
87.5°	6.3	7.2	8.0	8.8	8.4	8.0	7.6	7.2	7.2	7.1	7.0
85°	11.6	11.9	12.4	13.0	12.2	11.2	10.5	9.8	9.7	9.6	9.3
82.5°	19.8	18.7	18.2	17.8	17.5	16.9	15.9	14.4	12.9	12.1	11.7
80°	34.9	31.0	27.7	24.9	23.3	22.6	21.8	20.2	16.9	14.6	13.3
77.5°	48.5	43.2	38.4	33.8	29.7	27.0	25.5	24.6	20.7	16.9	14.5
75°	60.5	53.7	47.4	41.3	35.6	30.9	27.6	25.3	22.1	18.9	15.5
72.5°	68.5	61.6	55.0	48.0	40.5	34.4	29.5	25.9	22.7	19.5	16.2
70°	74.6	67.9	60.9	52.9	44.8	37.3	31.2	26.9	23.3	20.0	16.7
67.5°	78.7	70.6	63.7	56.9	48.6	40.4	32.7	28.0	24.2	20.4	17.1
65°	70.6	67.9	64.5	57.4	50.5	43.1	34.9	29.4	25.1	21.2	17.4
62.5°	60.1	60.5	58.4	56.2	50.6	43.8	37.1	31.5	26.1	21.9	17.9
60°	47.0	49.8	51.7	50.9	48.5	43.6	37.9	33.5	27.8	22.6	18.5
57.5°	38.9	40.0	42.9	45.1	44.4	41.6	38.3	34.5	29.4	23.8	19.1
55°	33.7	35.4	36.5	38.3	39.9	38.5	38.0	35.1	30.7	25.0	19.9
52.5°	33.5	34.1	34.4	33.9	34.6	35.9	36.4	35.7	31.4	26.2	21.2
50°	34.9	38.0	36.0	33.6	31.0	32.9	35.0	34.7	32.0	27.1	22.6
47.5°	41.3	45.5	43.0	36.1	32.1	30.4	33.2	33.7	32.6	27.7	24.0
45°	58.2	57.6	53.7	45.4	35.2	32.6	31.6	32.8	31.9	29.2	25.4
42.5°	81.4	78.1	69.8	56.3	49.2	37.1	30.4	31.8	31.3	30.9	26.9
40°	122.1	104.9	90.8	82.4	70.3	43.0	34.8	31.1	31.0	32.5	28.5
37.5°	169.8	144.1	119.4	120.0	99.2	67.0	40.6	30.8	32.8	33.9	30.3
35°	239.4	194.1	178.8	171.1	140.7	95.2	47.2	33.1	35.4	35.8	32.2
32.5°	319.4	291.3	281.0	235.8	189.4	127.5	66.7	42.5	38.8	38.0	34.1
30°	508.1	463.3	415.3	310.8	247.3	173.0	98.6	52.1	42.8	40.6	36.1
27.5°	812.3	667.1	580.6	432.4	318.2	224.9	138.5	62.0	47.6	43.7	38.2
25°	1140.5	936.7	777.8	586.3	395.7	305.3	183.5	73.0	54.9	47.5	40.4
22.5°	1511.3	1228.3	996.4	758.7	518.6	398.5	241.3	108.2	63.2	51.6	42.8
20°	1887.2	1524.1	1245.0	971.3	678.9	504.5	314.0	145.4	71.5	56.0	45.2
17.5°	2280.4	1900.1	1584.6	1214.3	858.4	616.1	392.7	184.1	79.7	60.7	47.8
15°	2881.7	2378.7	1949.1	1479.3	1036.4	731.7	475.6	223.3	87.7	65.5	53.1
12.5°	3506.5	2866.2	2329.4	1759.8	1211.0	849.5	560.7	262.4	95.5	75.4	61.7
10°	4115.6	3355.9	2717.9	2048.5	1380.4	967.3	645.9	313.9	119.0	89.7	70.6
7.5°	4703.6	3840.8	3106.8	2337.3	1556.1	1122.2	800.3	393.9	145.5	104.1	79.4
5°	5232.3	4266.3	3473.9	2640.2	1795.7	1312.9	965.3	473.5	172.4	118.6	88.3
2.5°	5587.8	4590.8	3811.4	2923.0	2024.3	1496.5	1125.5	550.2	199.0	132.9	96.9
0°	5903.1	4884.0	4121.7	3179.4	2239.6	1671.4	1276.0	621.4	224.9	146.8	105.3
-2.5°	5982.9	4956.5	4217.5	3336.3	2420.8	1831.3	1411.9	731.4	308.8	198.7	138.2
-5°	6020.8	5004.7	4289.0	3467.2	2584.9	1980.3	1531.4	831.9	389.6	249.1	170.3
-7.5°	6028.8	5043.2	4327.1	3561.5	2731.0	2117.5	1633.2	921.5	466.0	297.3	201.1
-10°	6001.2	5058.7	4316.7	3537.0	2740.1	2174.1	1701.2	998.8	536.2	342.5	230.1
-12.5°	5937.0	5038.7	4280.7	3482.5	2707.6	2153.1	1657.3	1028.1	596.6	384.0	256.9
-15°	5838.1	4980.6	4219.2	3397.1	2654.5	2118.4	1607.5	1032.7	633.5	420.4	281.1
-17.5°	5654.8	4882.7	4132.5	3279.9	2580.2	2069.4	1554.5	1031.0	665.1	451.8	304.1
-20°	5265.7	4633.8	4013.5	3130.4	2484.2	2005.4	1500.6	1023.9	691.1	478.9	325.6



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4852.7	4281.7	3696.4	2999.0	2383.0	1926.3	1447.9	1011.9	711.2	501.5	344.0
-25°	4409.6	3924.1	3363.2	2784.2	2284.9	1844.2	1408.3	995.9	725.4	519.2	359.0
-27.5°	3994.7	3563.5	3049.9	2572.3	2146.2	1771.5	1377.5	1006.0	737.1	531.9	370.4
-30°	3599.1	3224.9	2799.0	2376.8	2005.7	1675.2	1344.7	1010.0	749.4	542.5	378.1
-32.5°	3313.5	2922.0	2571.1	2217.1	1882.5	1573.4	1281.5	1006.5	754.9	550.0	384.1
-35°	3087.5	2697.6	2358.4	2059.3	1764.0	1477.9	1206.6	995.3	753.3	552.2	387.0
-37.5°	2854.0	2505.2	2189.2	1913.0	1642.0	1378.5	1143.8	946.7	744.6	549.2	386.1
-40°	2636.3	2315.7	2031.4	1777.2	1526.0	1275.4	1076.3	898.1	734.1	540.8	381.4
-42.5°	2410.7	2131.8	1877.1	1638.6	1410.2	1195.6	1006.0	846.3	698.8	530.1	372.8
-45°	2198.1	1946.1	1720.8	1508.7	1295.9	1111.7	945.4	792.9	658.1	515.6	362.2
-47.5°	1982.2	1771.2	1571.6	1376.7	1199.3	1028.2	881.7	745.3	615.5	495.9	350.5
-50°	1789.6	1604.5	1429.5	1262.4	1098.9	955.3	818.2	695.5	576.5	461.2	335.2
-52.5°	1625.4	1453.8	1302.0	1153.1	1014.2	879.4	761.2	644.4	535.8	428.6	316.5
-55°	1477.5	1319.5	1184.5	1056.7	931.6	813.0	702.2	597.6	493.5	396.0	295.1
-57.5°	1350.4	1198.4	1081.6	966.8	856.5	748.6	646.4	549.1	453.7	361.9	275.6
-60°	1231.0	1101.9	984.9	885.4	785.4	686.4	591.8	500.7	413.5	327.4	251.2
-62.5°	1131.9	1008.9	900.4	807.9	717.1	627.0	536.5	454.2	371.8	295.3	224.2
-65°	1033.4	922.5	817.4	735.3	651.5	566.3	483.8	406.1	331.5	261.6	197.8
-67.5°	932.6	833.6	742.4	663.4	582.7	504.2	429.0	357.6	290.1	226.3	174.5
-70°	825.8	741.2	659.9	583.4	510.1	439.4	371.5	307.7	247.0	196.0	150.0
-72.5°	709.8	635.6	565.9	499.4	433.1	370.4	311.7	257.3	208.8	164.5	124.5
-75°	585.3	523.3	464.4	407.7	351.9	299.5	253.4	210.6	169.5	131.9	101.4
-77.5°	451.8	403.4	357.6	315.2	272.4	232.7	196.2	162.4	130.7	103.5	78.8
-80°	323.2	289.7	257.1	225.1	193.4	164.4	141.5	119.3	96.1	74.8	55.6
-82.5°	202.2	181.9	163.1	145.0	126.9	109.7	93.2	77.5	60.8	45.6	36.8
-85°	108.9	97.4	86.4	75.7	64.7	54.3	49.2	44.2	38.0	32.3	27.1
-87.5°	44.4	42.0	39.7	37.3	34.5	31.7	28.9	26.3	23.0	20.0	17.3
-90°	3.9	4.2	4.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.1	6.8	6.5	6.2	5.9	5.3	4.7
87.5°	6.8	6.3	5.8	5.4	5.1	4.9	4.7
85°	9.0	7.9	7.0	6.2	5.5	5.1	4.7
82.5°	11.1	9.5	8.1	6.9	5.9	5.2	4.7
80°	13.0	11.0	9.2	7.6	6.4	5.4	4.7
77.5°	13.2	12.1	10.3	8.3	6.8	5.6	4.7
75°	13.4	12.1	11.1	9.0	7.2	5.8	4.7
72.5°	13.6	12.2	11.1	9.7	7.6	6.0	4.7
70°	13.8	12.2	11.0	10.2	7.9	6.1	4.7
67.5°	14.2	12.1	10.9	10.1	8.3	6.3	4.7
65°	14.7	12.3	10.8	9.9	8.7	6.5	4.7
62.5°	15.2	12.7	10.6	9.8	9.0	6.6	4.7
60°	15.6	13.1	10.5	9.6	9.3	6.8	4.7
57.5°	16.3	13.5	10.8	9.4	9.3	6.9	4.7
55°	17.1	13.9	11.1	9.2	9.2	7.0	4.7
52.5°	17.8	14.3	11.4	9.0	9.2	7.2	4.7
50°	18.6	15.0	11.7	8.8	9.1	7.3	4.7
47.5°	19.4	15.6	12.0	8.7	9.1	7.4	4.7
45°	20.6	16.3	12.2	8.9	9.1	7.5	4.7
42.5°	21.8	16.9	12.5	9.1	9.1	7.7	4.7
40°	23.0	17.6	12.8	9.4	9.1	7.8	4.7
37.5°	24.1	18.2	13.3	9.9	9.2	7.8	4.7
35°	25.2	19.0	13.7	10.4	9.2	7.9	4.7
32.5°	26.5	19.8	14.2	11.0	9.3	8.0	4.7
30°	28.0	20.6	14.6	11.5	9.3	8.1	4.7
27.5°	29.5	21.4	15.7	12.1	9.4	8.1	4.7
25°	31.1	22.1	17.1	12.6	9.5	8.2	4.7
22.5°	32.6	23.5	18.4	13.2	9.6	8.2	4.7
20°	34.1	26.4	19.8	13.8	9.7	8.3	4.7
17.5°	38.1	29.5	21.3	14.3	9.9	8.3	4.7
15°	43.7	32.8	22.7	14.9	10.0	8.3	4.7
12.5°	49.3	36.1	24.2	15.4	10.1	8.3	4.7
10°	55.0	39.4	25.6	15.9	10.2	8.3	4.7
7.5°	60.7	42.7	27.0	16.5	10.4	8.3	4.7
5°	66.3	46.0	28.3	16.9	10.5	8.3	4.7
2.5°	71.7	49.1	29.6	17.4	10.6	8.3	4.7
0°	76.9	52.1	30.8	17.8	10.7	8.3	4.7
-2.5°	96.9	63.3	36.8	20.4	11.5	8.5	4.7
-5°	116.3	74.1	42.6	23.0	12.2	8.6	4.7
-7.5°	134.8	84.4	48.2	25.4	13.0	8.7	4.7
-10°	152.3	94.2	53.5	27.7	13.7	8.9	4.7
-12.5°	168.4	103.3	58.4	29.9	14.3	9.0	4.7
-15°	183.0	111.5	62.8	31.9	14.9	9.1	4.7
-17.5°	195.7	118.8	66.8	33.6	15.5	9.2	4.7
-20°	208.2	125.1	70.2	35.1	16.0	9.2	4.7



REPORT NUMBER: P1306058 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	221.4	130.2	73.0	36.4	16.5	9.3	4.7
-25°	232.4	136.9	75.2	37.4	16.9	9.3	4.7
-27.5°	241.0	143.3	76.7	38.0	17.2	9.4	4.7
-30°	247.0	148.1	77.7	38.4	17.5	9.4	4.7
-32.5°	250.4	151.2	80.1	38.4	17.7	9.4	4.7
-35°	253.1	152.6	81.5	38.1	17.8	9.4	4.7
-37.5°	254.1	153.0	82.0	37.4	17.8	9.3	4.7
-40°	252.4	153.0	81.5	36.4	17.8	9.3	4.7
-42.5°	248.1	151.5	80.7	35.4	17.6	9.2	4.7
-45°	241.2	148.4	80.0	34.7	17.4	9.1	4.7
-47.5°	231.7	143.7	78.3	33.6	17.1	9.0	4.7
-50°	222.8	137.5	75.9	33.3	16.7	8.9	4.7
-52.5°	212.3	129.7	72.6	32.9	16.3	8.8	4.7
-55°	199.6	123.0	68.5	32.2	15.7	8.6	4.7
-57.5°	184.9	115.7	63.7	31.1	15.1	8.5	4.7
-60°	168.7	107.2	58.2	29.6	14.4	8.3	4.7
-62.5°	155.0	97.6	54.3	27.7	13.9	8.1	4.7
-65°	139.9	87.0	49.8	25.6	13.3	7.9	4.7
-67.5°	123.4	76.9	44.7	23.1	12.7	7.7	4.7
-70°	105.6	67.4	39.1	20.4	12.1	7.4	4.7
-72.5°	89.8	57.2	33.1	18.6	11.4	7.2	4.7
-75°	73.4	46.4	26.6	17.0	10.7	6.9	4.7
-77.5°	56.3	35.0	22.9	15.4	9.9	6.7	4.7
-80°	38.4	27.6	19.8	13.6	9.1	6.4	4.7
-82.5°	29.8	22.6	16.6	11.8	8.4	6.1	4.7
-85°	22.3	17.4	13.3	10.0	7.5	5.9	4.7
-87.5°	14.8	12.1	9.9	8.1	6.7	5.6	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)