

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: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

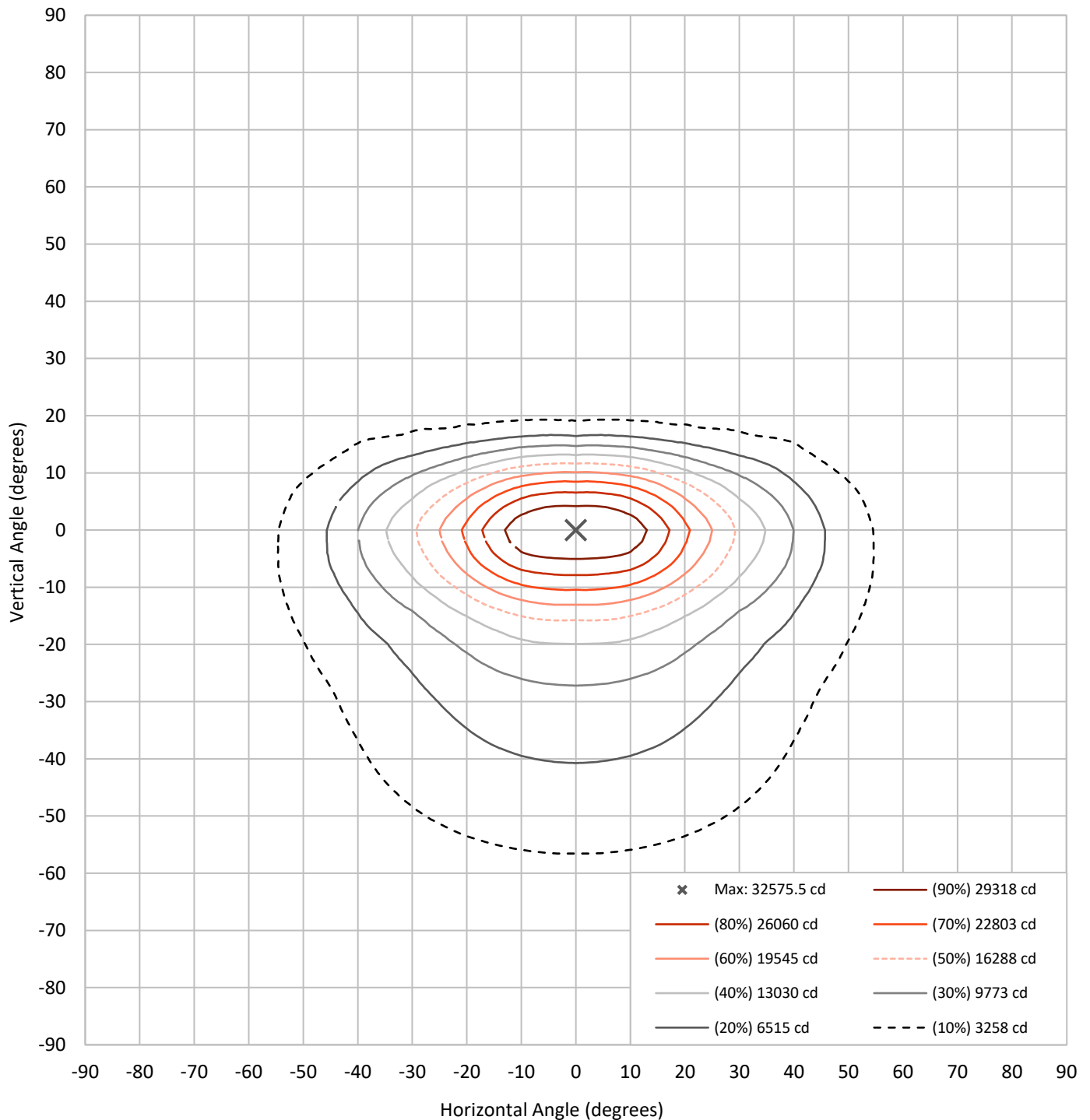
Test Method: LM-79-08
Report Number: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-320N-50-70-7F-CV5-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	21918.9 lumens	Max Intensity:	32575.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 27.3°V	Field Angle (10%):	109.1°H x 75.6°V
Beam Lumens:	8652.7 lumens	Field Lumens:	19289 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
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: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

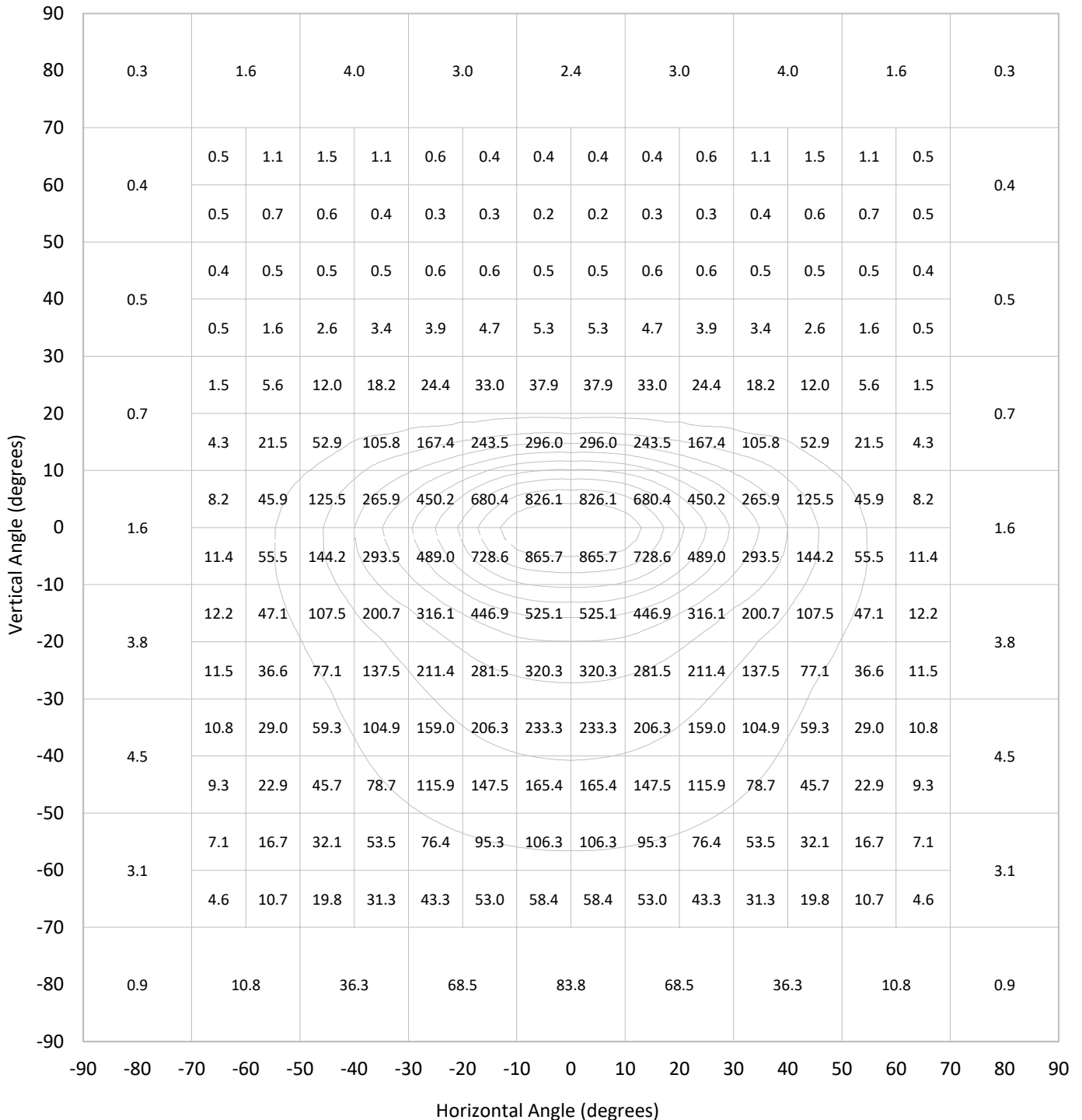
Iso-Candela Plot





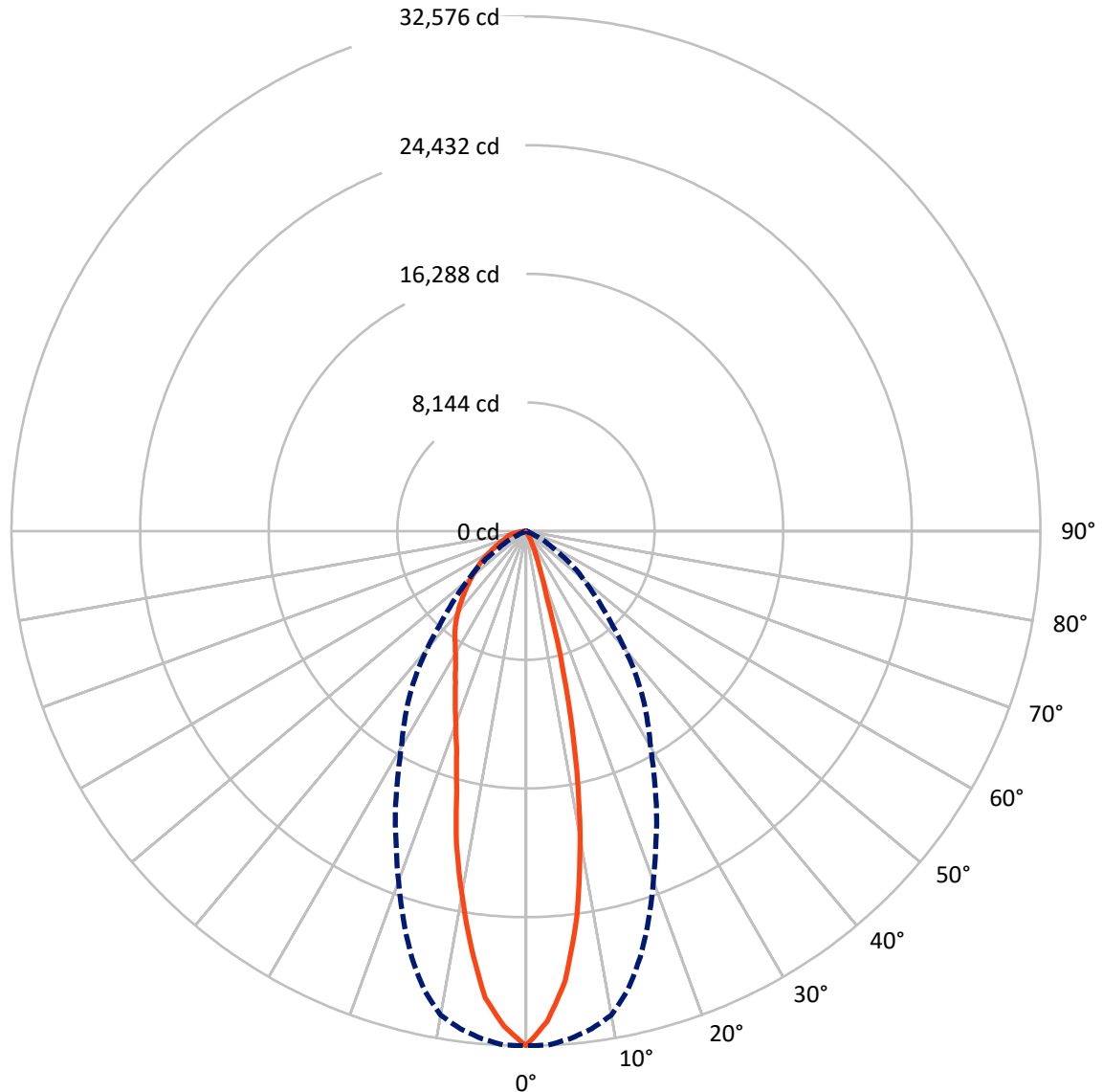
REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

Lumen Table



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

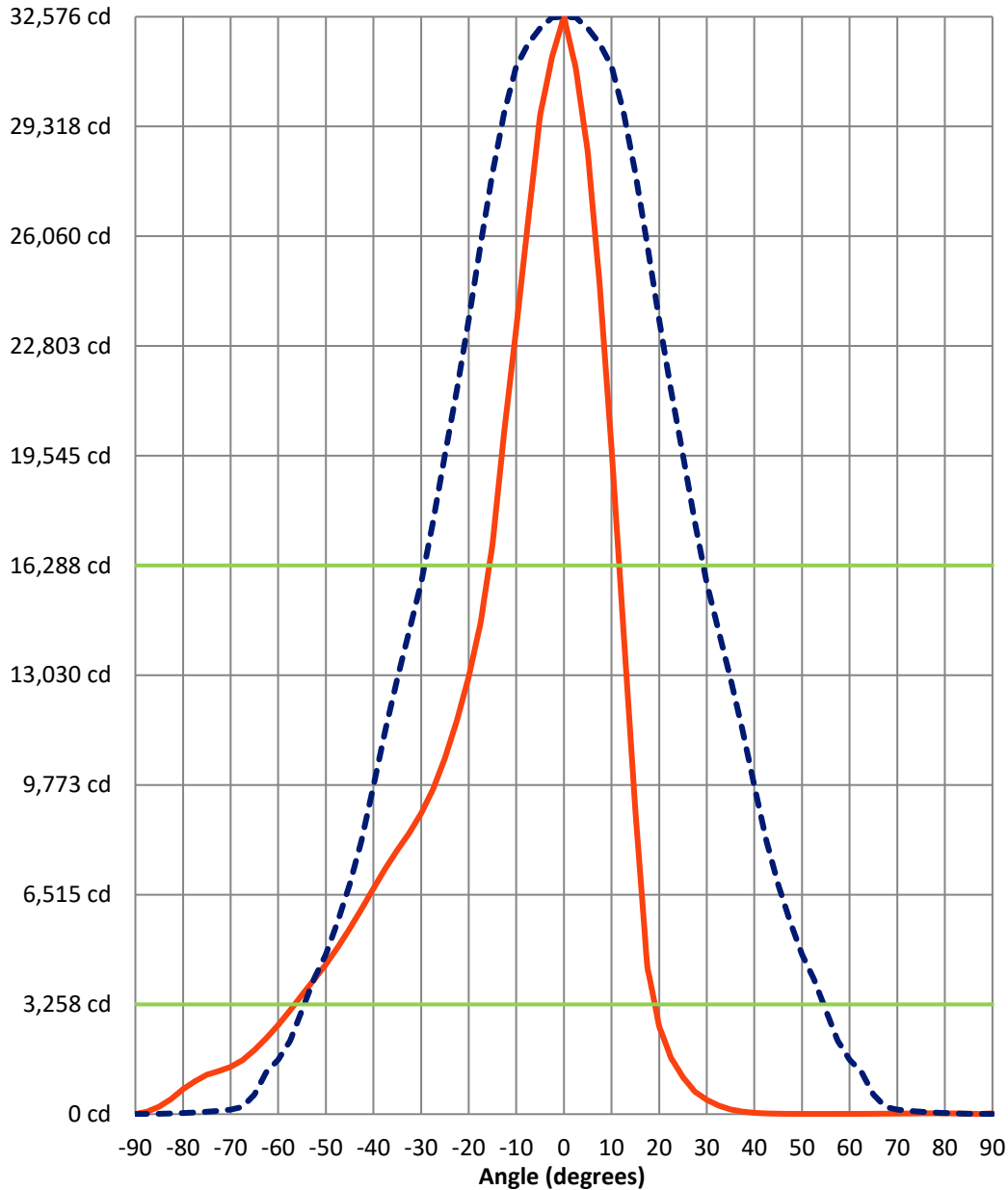
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 27.3°
 Lumens: 8652.7
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 19289
 Efficiency: 88.0%

Spill:
 Lumens: 2629.8
 Efficiency: 12.0%

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

REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-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	5.2	5.6	6.0	6.6	7.2	7.3	7.4	7.3	7.2
85°	4.7	5.1	5.7	6.5	7.4	8.4	9.6	9.9	10.0	10.0	9.8
82.5°	4.7	5.3	6.3	7.4	8.7	10.3	12.0	12.5	12.8	13.7	15.4
80°	4.7	5.5	6.8	8.3	10.0	12.1	14.3	14.9	16.5	19.0	22.6
77.5°	4.7	5.7	7.3	9.1	11.3	13.5	15.4	17.1	20.0	24.2	28.4
75°	4.7	5.9	7.8	10.0	12.4	14.0	16.4	19.2	23.2	26.6	30.0
72.5°	4.7	6.1	8.2	10.8	12.6	14.6	17.4	20.8	24.3	27.9	31.6
70°	4.7	6.3	8.7	11.4	12.7	15.0	18.2	21.7	25.4	29.2	32.8
67.5°	4.7	6.5	9.1	11.4	12.9	15.4	18.9	22.5	26.3	30.1	33.9
65°	4.7	6.7	9.6	11.3	13.0	15.9	19.6	23.2	27.1	31.0	35.2
62.5°	4.7	6.9	10.0	11.2	13.0	16.6	20.3	23.8	27.8	32.0	37.3
60°	4.7	7.0	10.4	11.1	13.0	17.2	21.0	24.4	28.5	33.5	39.1
57.5°	4.7	7.2	10.3	10.9	13.5	17.9	21.8	25.0	29.5	34.9	39.8
55°	4.7	7.3	10.2	10.7	14.0	18.5	22.6	25.8	30.4	35.8	39.9
52.5°	4.7	7.5	10.1	10.5	14.5	19.1	23.5	26.9	31.3	35.9	40.0
50°	4.7	7.6	10.0	10.3	15.0	19.9	24.3	28.0	31.7	35.8	38.0
47.5°	4.7	7.7	10.0	10.1	15.5	20.7	25.3	29.2	31.6	35.7	36.1
45°	4.7	7.8	9.9	10.5	15.9	21.5	26.3	30.3	32.3	34.3	34.4
42.5°	4.7	8.0	9.9	10.8	16.4	22.3	27.3	31.3	33.2	33.1	32.8
40°	4.7	8.0	9.9	11.3	16.9	23.2	28.2	32.1	34.0	32.3	31.4
37.5°	4.7	8.1	9.9	11.9	17.5	24.0	29.2	33.0	34.7	33.2	30.3
35°	4.7	8.2	9.9	12.6	18.1	24.8	30.2	34.0	35.6	34.6	30.4
32.5°	4.7	8.3	9.9	13.2	18.7	25.5	31.0	35.1	36.8	36.8	36.4
30°	4.7	8.3	9.9	13.8	19.2	26.2	31.9	36.2	38.3	39.8	43.9
27.5°	4.7	8.4	10.0	14.5	20.4	26.8	32.7	37.3	40.3	43.5	52.7
25°	4.7	8.4	10.0	15.1	21.7	27.5	33.5	38.6	43.2	49.8	63.8
22.5°	4.7	8.5	10.1	15.7	23.0	28.5	34.4	40.0	46.4	57.8	100.1
20°	4.7	8.5	10.1	16.3	24.2	30.8	35.2	41.4	50.0	66.4	141.5
17.5°	4.7	8.5	10.2	16.9	25.5	33.1	38.2	43.0	53.8	75.4	187.0
15°	4.7	8.5	10.3	17.4	26.7	35.5	42.8	47.3	57.8	84.8	235.3
12.5°	4.7	8.5	10.4	18.0	27.9	37.9	47.6	55.3	67.1	94.4	285.2
10°	4.7	8.5	10.4	18.5	29.1	40.4	52.6	63.6	80.6	116.9	341.0
7.5°	4.7	8.4	10.5	18.9	30.2	42.9	57.6	72.1	94.4	141.6	407.5
5°	4.7	8.4	10.6	19.4	31.3	45.2	62.6	80.5	108.1	166.4	471.4
2.5°	4.7	8.3	10.6	19.8	32.2	47.5	67.5	88.9	121.7	190.8	531.0
0°	4.7	8.3	10.7	20.1	33.1	49.7	72.2	97.1	134.9	214.2	584.7
-2.5°	4.7	8.5	11.5	22.6	38.7	60.5	91.1	128.2	182.1	279.3	650.5
-5°	4.7	8.6	12.3	24.9	44.1	71.0	109.4	158.5	228.0	342.2	708.9
-7.5°	4.7	8.8	13.1	27.2	49.3	81.1	127.0	187.6	272.1	402.0	759.9
-10°	4.7	9.0	13.9	29.4	54.2	90.6	143.6	215.1	313.6	458.1	803.9
-12.5°	4.7	9.1	14.6	31.4	58.7	99.4	159.0	240.5	351.9	507.5	821.7
-15°	4.7	9.2	15.3	33.2	62.9	107.5	172.9	263.4	383.2	537.5	825.6
-17.5°	4.7	9.3	15.9	34.8	66.6	114.6	185.2	283.4	407.1	563.7	825.7
-20°	4.7	9.4	16.4	36.2	69.7	120.8	196.8	300.7	428.2	585.8	822.8



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	9.5	17.0	37.3	72.3	125.8	208.5	315.5	446.3	603.6	817.3
-25°	4.7	9.6	17.4	38.2	74.3	132.2	218.4	327.7	461.2	617.1	810.1
-27.5°	4.7	9.6	17.8	38.8	75.7	138.4	226.5	337.2	472.8	628.2	821.2
-30°	4.7	9.7	18.1	39.1	76.6	143.3	232.7	343.8	482.0	639.2	827.7
-32.5°	4.7	9.7	18.3	39.1	79.1	146.7	237.0	349.6	488.2	646.0	828.6
-35°	4.7	9.7	18.5	38.8	80.7	148.6	240.2	353.5	490.4	648.5	823.8
-37.5°	4.7	9.6	18.6	38.1	81.3	149.5	241.8	354.6	488.7	646.6	796.9
-40°	4.7	9.6	18.5	37.2	81.0	149.8	241.2	352.9	483.0	640.6	768.7
-42.5°	4.7	9.5	18.4	36.3	80.4	148.6	238.4	348.4	476.5	614.6	736.6
-45°	4.7	9.4	18.3	35.7	79.6	145.8	233.3	341.7	468.0	583.6	700.8
-47.5°	4.7	9.3	18.0	34.6	78.0	141.5	226.0	332.7	455.6	549.9	662.8
-50°	4.7	9.2	17.7	34.3	75.6	135.7	218.0	320.7	428.6	518.8	621.6
-52.5°	4.7	9.1	17.2	33.9	72.4	128.4	208.2	305.8	400.0	484.8	578.0
-55°	4.7	8.9	16.7	33.2	68.3	121.9	196.2	288.4	369.9	448.2	535.8
-57.5°	4.7	8.7	16.1	32.2	63.5	114.5	182.2	269.9	338.0	410.9	490.6
-60°	4.7	8.6	15.5	30.8	58.1	106.1	166.8	245.2	305.3	372.1	443.8
-62.5°	4.7	8.3	14.9	29.1	54.6	96.5	153.1	218.2	274.3	331.6	397.3
-65°	4.7	8.1	14.3	27.1	50.5	85.8	137.9	192.0	242.4	294.4	348.8
-67.5°	4.7	7.9	13.6	24.8	45.8	76.2	121.3	169.1	209.8	257.6	305.2
-70°	4.7	7.6	12.8	22.3	40.7	67.6	103.5	145.7	183.5	220.0	263.3
-72.5°	4.7	7.4	12.1	20.4	35.2	58.4	89.0	122.0	156.9	190.6	222.9
-75°	4.7	7.1	11.3	18.6	29.3	48.6	74.4	100.8	130.0	161.0	190.8
-77.5°	4.7	6.8	10.4	16.7	25.4	38.3	58.9	80.0	103.7	130.4	158.4
-80°	4.7	6.5	9.6	14.7	21.8	30.9	42.8	58.6	76.7	97.2	120.1
-82.5°	4.7	6.2	8.7	12.6	18.1	25.0	33.4	40.5	49.1	63.3	79.2
-85°	4.7	5.9	7.8	10.5	14.3	19.0	24.8	29.6	34.7	40.3	46.2
-87.5°	4.7	5.6	6.8	8.4	10.4	12.9	16.0	18.5	21.2	24.2	27.3
-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: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-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	10.4	11.3	12.1	13.0	14.5	16.0	17.4
87.5°	7.7	8.3	8.8	9.5	9.0	8.5	7.9	7.3	7.8	8.4	9.0
85°	10.7	11.8	13.3	14.6	14.5	14.6	14.8	15.2	16.2	17.0	17.7
82.5°	17.4	18.9	20.0	20.7	21.8	23.3	25.1	27.9	29.5	30.4	31.0
80°	24.8	26.1	27.2	29.1	32.7	36.7	41.2	45.9	47.5	47.7	47.2
77.5°	29.7	31.6	34.9	39.3	44.6	49.8	55.3	61.2	62.9	62.5	61.7
75°	32.9	36.8	41.6	47.7	54.1	60.7	67.6	74.0	75.9	74.0	71.5
72.5°	35.4	40.5	47.0	54.9	62.2	68.9	76.1	83.7	86.3	82.2	77.1
70°	37.2	43.6	51.5	59.8	68.1	75.4	82.1	89.4	93.6	86.6	76.3
67.5°	38.7	46.6	55.1	63.8	71.2	78.2	85.8	88.1	89.1	78.5	67.5
65°	40.9	49.4	57.1	64.7	72.7	75.0	76.7	78.3	76.6	64.5	52.6
62.5°	43.0	50.1	57.5	63.3	65.3	66.4	65.1	61.9	57.7	49.3	39.5
60°	43.7	49.9	54.7	56.5	57.0	54.6	50.8	47.0	42.6	35.6	28.9
57.5°	43.9	47.1	48.9	49.3	47.0	43.0	39.4	34.5	30.7	26.4	20.9
55°	42.9	42.2	43.1	41.6	38.3	34.2	29.8	26.5	22.1	19.5	16.3
52.5°	39.9	38.2	37.4	35.0	31.3	27.5	24.0	20.8	18.3	15.4	13.4
50°	37.3	35.0	32.6	29.7	26.8	24.2	20.3	18.0	15.9	13.6	11.8
47.5°	34.8	32.2	28.5	26.1	25.7	24.2	20.3	16.8	14.9	14.8	13.1
45°	32.7	30.4	26.2	26.6	27.4	27.3	24.6	16.5	18.3	18.6	17.7
42.5°	30.8	29.9	31.1	28.3	32.7	35.2	33.1	27.6	24.5	27.2	28.3
40°	31.0	30.6	40.9	40.6	41.3	47.7	50.8	46.9	36.0	42.7	45.8
37.5°	32.3	43.0	55.8	60.0	56.3	67.3	73.9	78.4	69.9	64.4	74.0
35°	34.3	58.5	77.6	86.6	87.2	93.5	110.6	117.7	112.0	103.4	111.0
32.5°	44.7	77.0	103.4	118.7	132.7	139.3	154.6	161.8	167.9	168.0	164.7
30°	67.0	101.5	133.4	154.2	187.9	218.6	211.9	213.5	236.2	259.2	270.4
27.5°	104.9	131.8	166.8	204.3	255.9	315.6	326.2	296.0	326.8	369.3	407.2
25°	152.6	223.5	202.3	264.1	349.9	432.7	476.7	497.7	455.5	517.5	606.9
22.5°	218.6	339.7	340.8	329.3	455.6	571.3	679.7	783.6	837.3	770.0	862.9
20°	307.6	464.0	514.0	569.6	613.8	729.0	916.1	1142.7	1350.2	1467.7	1413.9
17.5°	409.8	599.6	714.5	863.3	1010.3	1073.1	1192.3	1563.4	1966.3	2309.3	2493.7
15°	522.3	744.6	931.4	1187.2	1451.5	1650.7	1857.2	2176.0	2707.9	3294.6	3764.4
12.5°	642.0	896.4	1160.6	1534.4	1927.0	2254.6	2622.7	3107.6	3721.2	4453.1	5218.3
10°	765.2	1052.3	1397.5	1897.1	2426.7	2876.5	3403.3	4039.3	4822.8	5734.8	6696.5
7.5°	895.8	1204.9	1631.1	2266.9	2939.6	3507.2	4188.4	4962.3	5913.1	6997.1	8156.5
5°	1022.3	1348.9	1825.8	2564.3	3355.8	4039.5	4903.6	5864.1	6978.9	8225.7	9592.1
2.5°	1140.2	1486.8	2010.2	2836.4	3693.6	4403.4	5328.6	6361.3	7618.8	9088.9	10669.2
0°	1246.4	1616.9	2181.6	3087.1	4005.6	4741.9	5718.5	6816.9	8127.3	9740.7	11401.4
-2.5°	1292.4	1684.8	2258.8	3124.5	3997.9	4748.1	5687.7	6808.3	8072.0	9610.2	11239.2
-5°	1325.0	1742.2	2319.7	3138.0	3964.3	4725.9	5622.1	6748.1	7896.2	9264.5	10723.9
-7.5°	1345.6	1787.8	2363.7	3115.0	3854.8	4552.4	5331.9	6291.1	7337.9	8555.9	9840.7
-10°	1349.9	1782.9	2297.7	2965.0	3642.2	4281.7	4976.4	5809.3	6745.4	7810.5	8927.6
-12.5°	1307.9	1733.5	2204.7	2804.3	3422.0	4000.5	4608.9	5316.5	6127.7	7043.4	8032.4
-15°	1262.4	1677.7	2104.8	2636.9	3199.7	3713.7	4235.6	4822.6	5542.3	6376.5	7229.4
-17.5°	1215.7	1616.2	1999.9	2466.4	2980.3	3425.6	3882.4	4439.9	5084.8	5787.8	6482.0
-20°	1169.8	1550.2	1892.0	2296.1	2767.0	3187.5	3633.0	4122.8	4664.2	5237.2	5789.0



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1126.7	1480.3	1792.3	2153.4	2583.8	2987.0	3384.9	3805.7	4254.1	4717.9	5300.3
-25°	1097.8	1413.3	1705.3	2040.0	2411.8	2783.9	3134.9	3496.6	3882.5	4395.6	4935.0
-27.5°	1079.9	1356.2	1628.8	1926.3	2247.1	2583.5	2901.2	3220.3	3650.5	4112.1	4589.5
-30°	1062.2	1299.4	1549.2	1818.7	2110.8	2402.6	2676.1	3036.7	3437.8	3860.1	4284.7
-32.5°	1028.7	1239.8	1476.6	1726.1	1984.1	2236.8	2522.4	2876.9	3244.9	3616.2	3999.4
-35°	987.1	1187.2	1405.4	1631.9	1863.2	2113.2	2402.7	2714.8	3052.9	3398.3	3776.4
-37.5°	950.7	1130.0	1331.6	1542.7	1759.5	2005.7	2271.9	2563.5	2871.5	3194.6	3555.6
-40°	910.4	1068.3	1261.7	1459.7	1663.3	1893.3	2144.0	2409.0	2692.6	3001.4	3325.5
-42.5°	867.2	1019.3	1189.8	1374.6	1568.1	1778.4	2006.1	2255.3	2519.9	2801.0	3097.9
-45°	827.1	966.5	1116.6	1289.1	1468.1	1659.5	1870.6	2094.2	2345.0	2603.9	2871.3
-47.5°	782.5	911.5	1053.6	1197.9	1365.7	1542.0	1729.2	1940.8	2162.3	2402.7	2649.6
-50°	734.4	856.9	981.9	1114.0	1260.7	1421.9	1592.9	1783.3	1988.4	2198.3	2420.4
-52.5°	684.9	797.5	910.6	1028.3	1159.2	1302.4	1457.9	1626.5	1811.0	2003.6	2195.2
-55°	632.2	736.2	836.8	943.8	1057.9	1185.5	1322.8	1473.0	1627.9	1803.3	1972.1
-57.5°	578.9	670.4	762.0	859.1	960.8	1067.7	1192.7	1320.0	1459.6	1603.8	1744.4
-60°	523.8	603.6	685.1	772.8	864.7	961.5	1063.3	1176.9	1295.1	1411.8	1535.7
-62.5°	466.6	537.0	608.7	683.9	766.4	853.6	944.6	1039.3	1136.8	1238.3	1338.3
-65°	411.4	471.1	533.7	599.5	665.6	745.5	826.1	905.7	991.0	1073.2	1153.4
-67.5°	355.3	411.9	464.5	515.8	576.8	645.4	708.6	780.8	852.2	919.8	985.1
-70°	308.7	354.0	402.3	448.8	496.9	555.2	617.2	674.6	728.7	785.4	846.6
-72.5°	263.9	307.6	348.0	385.2	433.8	488.4	539.3	586.7	638.2	692.0	741.6
-75°	222.9	261.0	300.4	337.0	377.5	425.1	476.4	524.7	568.4	612.0	657.1
-77.5°	183.3	212.0	245.2	282.7	322.8	359.9	400.5	444.2	485.1	526.6	570.7
-80°	140.8	161.2	183.7	209.7	239.6	272.3	307.4	344.8	377.5	407.6	437.3
-82.5°	94.7	110.3	126.1	142.0	158.6	176.3	195.7	219.5	240.7	262.0	283.6
-85°	52.5	59.0	69.8	80.7	90.0	99.8	110.2	121.0	131.0	140.9	150.5
-87.5°	30.6	34.0	37.6	41.4	43.9	46.2	48.5	50.7	53.5	56.3	59.0
-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: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	18.9	19.2	19.5	19.8	20.1	21.0	21.9	22.8	23.7	23.4	23.1
87.5°	9.6	9.5	9.3	9.1	8.9	9.8	10.7	11.7	12.6	11.6	10.5
85°	18.2	18.3	18.3	18.3	18.1	19.4	20.6	21.8	22.9	21.2	19.3
82.5°	31.2	30.7	29.6	28.1	26.2	25.8	25.3	24.6	23.7	22.8	21.8
80°	46.3	44.1	41.3	37.9	34.2	32.2	30.3	28.2	25.9	25.2	24.7
77.5°	59.8	55.7	50.8	45.5	39.8	36.4	33.5	30.5	27.4	26.8	26.5
75°	68.3	63.1	56.0	48.5	40.9	36.1	32.7	29.3	26.0	25.0	24.6
72.5°	70.9	63.7	55.4	46.1	37.1	31.5	28.2	25.4	22.8	21.7	21.2
70°	66.4	56.7	47.4	38.5	30.3	25.1	22.8	20.9	19.2	18.5	18.2
67.5°	56.0	45.9	37.3	29.8	23.9	20.0	18.7	17.6	16.5	15.8	15.3
65°	42.6	34.6	28.4	23.4	19.6	17.2	16.2	15.2	14.2	13.5	12.9
62.5°	31.3	25.5	21.8	18.9	16.7	15.2	14.2	13.3	12.6	12.0	11.6
60°	23.6	19.6	17.3	15.5	14.1	13.1	12.5	11.9	11.4	11.0	10.5
57.5°	18.0	15.6	13.9	13.0	12.4	11.9	11.5	10.9	10.4	9.9	9.4
55°	14.2	13.0	12.0	11.7	11.5	11.1	10.6	10.1	9.5	8.8	8.2
52.5°	11.9	11.8	11.8	11.6	11.3	11.0	10.6	9.9	9.2	8.4	8.0
50°	11.8	11.9	11.9	11.7	11.4	11.1	10.7	10.2	9.7	9.2	8.9
47.5°	12.3	12.4	13.1	12.0	11.8	12.2	11.9	11.5	11.3	11.1	10.8
45°	14.4	16.9	17.6	16.7	14.6	16.3	15.7	13.9	15.0	14.8	13.9
42.5°	25.7	28.4	30.5	29.2	25.0	26.4	26.4	23.6	24.3	24.4	23.3
40°	49.1	48.2	51.5	50.1	45.6	43.9	45.9	42.6	42.0	43.6	41.7
37.5°	80.8	81.4	79.9	80.0	78.4	74.0	76.7	75.8	73.1	78.2	78.7
35°	126.3	130.3	117.9	122.8	124.9	120.1	123.1	131.7	126.2	138.1	141.3
32.5°	187.3	195.4	189.6	184.0	193.3	200.7	204.1	222.4	227.3	238.1	250.8
30°	262.5	283.6	300.3	289.8	288.6	314.8	330.0	354.5	378.3	392.6	418.7
27.5°	418.9	412.4	452.0	463.7	437.6	479.6	536.4	547.1	619.7	625.5	676.3
25°	662.0	658.7	670.6	728.1	742.7	763.6	861.2	912.7	995.8	1040.8	1079.6
22.5°	988.5	1080.8	1096.5	1070.1	1196.4	1279.0	1306.3	1454.5	1522.4	1623.6	1654.1
20°	1396.9	1611.5	1882.6	1886.8	1834.9	2072.8	2171.3	2249.2	2415.0	2530.4	2608.8
17.5°	2467.4	2465.7	3019.4	3325.3	3290.7	3462.0	3946.6	3896.6	4288.2	4525.6	4535.6
15°	4038.5	4331.3	4682.7	5237.6	5709.9	6090.6	6550.7	7151.9	7638.8	8210.6	8644.8
12.5°	5835.9	6412.6	7014.1	7647.1	8388.2	9229.8	10145.2	10946.7	11899.9	12734.2	13596.8
10°	7636.9	8550.3	9399.1	10345.1	11398.5	12519.6	13862.1	15035.0	16445.2	17682.1	18495.2
7.5°	9288.3	10384.1	11531.3	12906.3	14376.6	15784.5	17304.3	18949.4	20599.2	22028.3	23241.8
5°	10902.5	12134.3	13405.8	14920.3	16600.7	18364.8	20245.4	22191.1	23919.9	25547.7	26964.6
2.5°	12168.7	13579.7	15032.4	16745.0	18552.9	20340.6	22223.2	24317.8	26328.3	28232.2	29687.8
0°	12921.3	14337.0	15762.2	17576.8	19561.8	21483.0	23581.7	25811.8	27934.2	29754.7	31104.1
-2.5°	12621.5	14000.4	15440.5	17233.2	19145.7	20935.7	22941.0	25101.2	27156.8	29000.6	30401.1
-5°	11943.6	13180.8	14500.9	16158.5	17947.6	19726.0	21691.9	23746.9	25520.3	27156.9	28412.6
-7.5°	10990.5	12131.8	13362.9	14897.6	16542.9	18095.9	19702.9	21360.8	22974.6	24374.3	25407.4
-10°	9978.1	11011.4	12071.1	13301.9	14704.1	16059.6	17415.4	18927.6	20257.6	21413.2	22265.2
-12.5°	8963.0	9811.7	10647.8	11588.8	12792.1	14012.0	15184.7	16452.7	17512.0	18465.3	19223.3
-15°	7988.5	8649.3	9283.7	10194.5	11254.1	12155.1	12876.7	14025.1	14744.2	15591.6	16121.6
-17.5°	7082.8	7610.5	8381.4	9164.4	9920.3	10660.8	11493.3	12173.3	12879.1	13571.3	14026.7
-20°	6370.2	7022.8	7674.4	8311.2	8960.6	9667.3	10326.4	10968.9	11584.1	12116.1	12481.2



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5906.3	6485.6	7034.2	7607.2	8239.8	8833.3	9390.1	9981.8	10507.8	10905.0	11202.1
-25°	5460.9	5964.7	6498.4	7071.7	7607.0	8106.5	8619.2	9076.0	9524.8	9855.5	10133.5
-27.5°	5059.4	5537.4	6063.2	6571.3	7048.4	7515.3	7951.0	8329.3	8703.3	8967.8	9244.2
-30°	4710.2	5194.3	5672.5	6124.2	6572.3	6995.3	7379.5	7738.8	8052.5	8310.1	8541.8
-32.5°	4446.4	4885.4	5311.2	5733.8	6158.5	6548.5	6884.8	7229.9	7518.5	7765.6	7975.4
-35°	4185.6	4598.3	4991.9	5379.2	5770.1	6146.1	6471.7	6772.1	7056.3	7277.4	7469.7
-37.5°	3931.2	4316.1	4680.3	5028.5	5386.2	5732.8	6029.8	6312.1	6566.0	6770.4	6952.8
-40°	3675.0	4027.6	4353.2	4677.6	4999.0	5289.4	5568.6	5828.6	6046.2	6234.6	6400.6
-42.5°	3410.3	3720.7	4014.4	4311.3	4604.9	4861.9	5108.3	5341.9	5527.1	5694.0	5837.7
-45°	3144.5	3417.7	3686.8	3953.6	4195.1	4432.4	4655.8	4853.0	5019.9	5167.8	5292.5
-47.5°	2888.7	3120.9	3367.1	3610.4	3817.9	4021.0	4216.4	4383.6	4528.6	4657.9	4767.6
-50°	2633.1	2840.3	3055.1	3263.9	3454.2	3632.4	3796.2	3942.2	4074.4	4186.2	4280.3
-52.5°	2380.1	2572.5	2756.1	2925.8	3098.7	3262.7	3415.0	3542.7	3658.5	3761.9	3844.8
-55°	2138.6	2308.7	2480.4	2624.9	2764.7	2901.2	3028.1	3142.1	3247.1	3342.0	3416.4
-57.5°	1894.9	2043.2	2186.7	2316.3	2441.8	2562.2	2665.0	2754.4	2838.1	2914.9	2980.4
-60°	1659.7	1783.3	1904.5	2012.7	2117.1	2217.3	2304.9	2381.0	2448.5	2507.9	2561.7
-62.5°	1438.9	1545.1	1641.7	1729.0	1810.8	1892.5	1967.1	2032.9	2090.1	2139.0	2181.1
-65°	1235.9	1323.8	1401.0	1473.4	1541.3	1610.1	1670.0	1724.1	1772.1	1812.6	1845.0
-67.5°	1055.4	1124.2	1188.5	1244.5	1302.3	1360.9	1415.1	1462.4	1503.2	1535.5	1560.7
-70°	903.2	958.9	1016.5	1072.4	1127.4	1177.7	1224.6	1266.4	1303.7	1331.5	1353.8
-72.5°	787.0	834.0	887.1	943.5	995.6	1045.7	1093.4	1137.7	1179.0	1205.5	1226.2
-75°	703.5	752.0	799.6	846.5	892.8	936.8	981.2	1026.4	1072.2	1099.1	1120.8
-77.5°	611.3	645.3	680.7	719.0	759.8	799.3	837.9	876.1	913.4	932.2	946.5
-80°	468.7	495.8	522.4	549.4	576.5	604.3	632.3	660.1	687.4	700.1	709.5
-82.5°	305.5	324.1	341.8	358.9	375.2	389.1	402.1	414.2	425.3	430.8	434.5
-85°	160.0	168.2	175.9	183.3	190.1	194.4	198.1	201.2	203.7	207.1	210.1
-87.5°	61.6	63.9	66.2	68.4	70.6	71.6	72.5	73.3	74.0	75.1	76.1
-90°	4.7	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.4	2.4



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	22.8	22.5	23.1	23.7	23.1	22.5	22.8	23.1	23.4	23.7	22.8
87.5°	9.4	8.3	7.7	7.1	7.7	8.3	9.4	10.5	11.6	12.6	11.7
85°	17.4	15.4	14.2	13.0	14.2	15.4	17.4	19.3	21.2	22.9	21.8
82.5°	20.9	20.1	20.1	20.1	20.1	20.1	20.9	21.8	22.8	23.7	24.6
80°	24.2	23.7	23.7	23.7	23.7	23.7	24.2	24.7	25.2	25.9	28.2
77.5°	26.2	26.0	25.5	24.9	25.5	26.0	26.2	26.5	26.8	27.4	30.5
75°	24.2	23.8	23.7	23.7	23.7	23.8	24.2	24.6	25.0	26.0	29.3
72.5°	20.7	20.2	20.1	20.1	20.1	20.2	20.7	21.2	21.7	22.8	25.4
70°	18.0	17.9	17.3	16.6	17.3	17.9	18.0	18.2	18.5	19.2	20.9
67.5°	14.8	14.4	14.2	14.2	14.2	14.4	14.8	15.3	15.8	16.5	17.6
65°	12.4	12.0	11.8	11.8	11.8	12.0	12.4	12.9	13.5	14.2	15.2
62.5°	11.2	10.8	10.2	9.5	10.2	10.8	11.2	11.6	12.0	12.6	13.3
60°	10.1	9.7	9.0	8.3	9.0	9.7	10.1	10.5	11.0	11.4	11.9
57.5°	8.9	8.5	8.3	8.3	8.3	8.5	8.9	9.4	9.9	10.4	10.9
55°	7.8	7.3	7.1	7.1	7.1	7.3	7.8	8.2	8.8	9.5	10.1
52.5°	7.6	7.3	7.1	7.1	7.1	7.3	7.6	8.0	8.4	9.2	9.9
50°	8.7	8.4	8.3	8.3	8.3	8.4	8.7	8.9	9.2	9.7	10.2
47.5°	10.4	9.8	9.5	9.5	9.5	9.8	10.4	10.8	11.1	11.3	11.5
45°	13.6	13.2	12.9	13.0	12.9	13.2	13.6	13.9	14.8	15.0	13.9
42.5°	23.6	22.9	22.0	21.3	22.0	22.9	23.6	23.3	24.4	24.3	23.6
40°	41.8	40.9	39.5	39.1	39.5	40.9	41.8	41.7	43.6	42.0	42.6
37.5°	79.8	79.2	76.6	75.8	76.6	79.2	79.8	78.7	78.2	73.1	75.8
35°	141.1	142.1	139.7	139.7	139.7	142.1	141.1	141.3	138.1	126.2	131.7
32.5°	255.1	257.8	250.6	254.5	250.6	257.8	255.1	250.8	238.1	227.3	222.4
30°	417.8	427.2	423.1	424.9	423.1	427.2	417.8	418.7	392.6	378.3	354.5
27.5°	681.2	688.1	673.8	668.8	673.8	688.1	681.2	676.3	625.5	619.7	547.1
25°	1101.5	1105.9	1091.9	1097.3	1091.9	1105.9	1101.5	1079.6	1040.8	995.8	912.7
22.5°	1715.9	1699.4	1683.9	1669.0	1683.9	1699.4	1715.9	1654.1	1623.6	1522.4	1454.5
20°	2681.5	2643.6	2638.5	2610.1	2638.5	2643.6	2681.5	2608.8	2530.4	2415.0	2249.2
17.5°	4777.7	4846.4	4693.7	4398.6	4693.7	4846.4	4777.7	4535.6	4525.6	4288.2	3896.6
15°	8900.5	9223.5	9362.2	9023.4	9362.2	9223.5	8900.5	8644.8	8210.6	7638.8	7151.9
12.5°	14073.0	14300.4	14575.9	14374.9	14575.9	14300.4	14073.0	13596.8	12734.2	11899.9	10946.7
10°	19193.6	19534.1	19951.0	19763.1	19951.0	19534.1	19193.6	18495.2	17682.1	16445.2	15035.0
7.5°	23909.6	24496.2	24862.4	24626.9	24862.4	24496.2	23909.6	23241.8	22028.3	20599.2	18949.4
5°	27934.3	28398.1	28618.9	28558.0	28618.9	28398.1	27934.3	26964.6	25547.7	23919.9	22191.1
2.5°	30515.5	31005.0	31202.8	31038.4	31202.8	31005.0	30515.5	29687.8	28232.2	26328.3	24317.8
0°	31777.0	32235.7	32550.6	32575.5	32550.6	32235.7	31777.0	31104.1	29754.7	27934.2	25811.8
-2.5°	31048.0	31326.7	31477.3	31377.0	31477.3	31326.7	31048.0	30401.1	29000.6	27156.8	25101.2
-5°	29138.6	29433.4	29529.0	29645.8	29529.0	29433.4	29138.6	28412.6	27156.9	25520.3	23746.9
-7.5°	25988.6	26311.9	26550.4	26540.4	26550.4	26311.9	25988.6	25407.4	24374.3	22974.6	21360.8
-10°	22898.9	23139.2	23387.9	23346.1	23387.9	23139.2	22898.9	22265.2	21413.2	20257.6	18927.6
-12.5°	19836.9	20237.7	20335.1	20305.8	20335.1	20237.7	19836.9	19223.3	18465.3	17512.0	16452.7
-15°	16724.9	17021.9	16997.5	16918.6	16997.5	17021.9	16724.9	16121.6	15591.6	14744.2	14025.1
-17.5°	14420.9	14584.6	14647.2	14585.6	14647.2	14584.6	14420.9	14026.7	13571.3	12879.1	12173.3
-20°	12781.4	12907.9	12950.6	12979.3	12950.6	12907.9	12781.4	12481.2	12116.1	11584.1	10968.9



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11457.9	11587.2	11624.6	11673.7	11624.6	11587.2	11457.9	11202.1	10905.0	10507.8	9981.8
-25°	10348.0	10474.3	10517.0	10565.7	10517.0	10474.3	10348.0	10133.5	9855.5	9524.8	9076.0
-27.5°	9429.6	9552.9	9604.3	9641.2	9604.3	9552.9	9429.6	9244.2	8967.8	8703.3	8329.3
-30°	8706.4	8827.8	8901.3	8925.1	8901.3	8827.8	8706.4	8541.8	8310.1	8052.5	7738.8
-32.5°	8132.6	8238.6	8307.7	8342.7	8307.7	8238.6	8132.6	7975.4	7765.6	7518.5	7229.9
-35°	7621.6	7728.0	7799.7	7836.1	7799.7	7728.0	7621.6	7469.7	7277.4	7056.3	6772.1
-37.5°	7099.0	7214.9	7290.7	7292.8	7290.7	7214.9	7099.0	6952.8	6770.4	6566.0	6312.1
-40°	6522.5	6614.4	6674.5	6698.6	6674.5	6614.4	6522.5	6400.6	6234.6	6046.2	5828.6
-42.5°	5944.2	6022.3	6071.0	6091.3	6071.0	6022.3	5944.2	5837.7	5694.0	5527.1	5341.9
-45°	5392.1	5470.7	5511.4	5505.4	5511.4	5470.7	5392.1	5292.5	5167.8	5019.9	4853.0
-47.5°	4851.9	4913.0	4946.3	4953.8	4946.3	4913.0	4851.9	4767.6	4657.9	4528.6	4383.6
-50°	4360.2	4425.0	4452.6	4444.8	4452.6	4425.0	4360.2	4280.3	4186.2	4074.4	3942.2
-52.5°	3913.2	3968.1	3992.0	3989.1	3992.0	3968.1	3913.2	3844.8	3761.9	3658.5	3542.7
-55°	3477.2	3524.7	3543.6	3540.4	3543.6	3524.7	3477.2	3416.4	3342.0	3247.1	3142.1
-57.5°	3034.8	3077.6	3090.3	3082.4	3090.3	3077.6	3034.8	2980.4	2914.9	2838.1	2754.4
-60°	2606.3	2641.5	2652.5	2647.9	2652.5	2641.5	2606.3	2561.7	2507.9	2448.5	2381.0
-62.5°	2215.9	2243.1	2254.3	2255.0	2254.3	2243.1	2215.9	2181.1	2139.0	2090.1	2032.9
-65°	1871.3	1891.5	1900.5	1902.2	1900.5	1891.5	1871.3	1845.0	1812.6	1772.1	1724.1
-67.5°	1580.9	1596.7	1602.2	1602.7	1602.2	1596.7	1580.9	1560.7	1535.5	1503.2	1462.4
-70°	1373.6	1391.2	1398.6	1402.7	1398.6	1391.2	1373.6	1353.8	1331.5	1303.7	1266.4
-72.5°	1245.5	1263.6	1272.1	1278.4	1272.1	1263.6	1245.5	1226.2	1205.5	1179.0	1137.7
-75°	1141.3	1160.5	1166.5	1169.5	1166.5	1160.5	1141.3	1120.8	1099.1	1072.2	1026.4
-77.5°	958.9	969.2	973.0	974.2	973.0	969.2	958.9	946.5	932.2	913.4	876.1
-80°	717.0	722.4	732.7	741.0	732.7	722.4	717.0	709.5	700.1	687.4	660.1
-82.5°	436.9	437.8	443.8	448.6	443.8	437.8	436.9	434.5	430.8	425.3	414.2
-85°	212.5	214.3	219.3	223.7	219.3	214.3	212.5	210.1	207.1	203.7	201.2
-87.5°	77.1	77.9	77.4	76.9	77.4	77.9	77.1	76.1	75.1	74.0	73.3
-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: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	21.9	21.0	20.1	19.8	19.5	19.2	18.9	17.4	16.0	14.5	13.0
87.5°	10.7	9.8	8.9	9.1	9.3	9.5	9.6	9.0	8.4	7.8	7.3
85°	20.6	19.4	18.1	18.3	18.3	18.3	18.2	17.7	17.0	16.2	15.2
82.5°	25.3	25.8	26.2	28.1	29.6	30.7	31.2	31.0	30.4	29.5	27.9
80°	30.3	32.2	34.2	37.9	41.3	44.1	46.3	47.2	47.7	47.5	45.9
77.5°	33.5	36.4	39.8	45.5	50.8	55.7	59.8	61.7	62.5	62.9	61.2
75°	32.7	36.1	40.9	48.5	56.0	63.1	68.3	71.5	74.0	75.9	74.0
72.5°	28.2	31.5	37.1	46.1	55.4	63.7	70.9	77.1	82.2	86.3	83.7
70°	22.8	25.1	30.3	38.5	47.4	56.7	66.4	76.3	86.6	93.6	89.4
67.5°	18.7	20.0	23.9	29.8	37.3	45.9	56.0	67.5	78.5	89.1	88.1
65°	16.2	17.2	19.6	23.4	28.4	34.6	42.6	52.6	64.5	76.6	78.3
62.5°	14.2	15.2	16.7	18.9	21.8	25.5	31.3	39.5	49.3	57.7	61.9
60°	12.5	13.1	14.1	15.5	17.3	19.6	23.6	28.9	35.6	42.6	47.0
57.5°	11.5	11.9	12.4	13.0	13.9	15.6	18.0	20.9	26.4	30.7	34.5
55°	10.6	11.1	11.5	11.7	12.0	13.0	14.2	16.3	19.5	22.1	26.5
52.5°	10.6	11.0	11.3	11.6	11.8	11.8	11.9	13.4	15.4	18.3	20.8
50°	10.7	11.1	11.4	11.7	11.9	11.9	11.8	11.8	13.6	15.9	18.0
47.5°	11.9	12.2	11.8	12.0	13.1	12.4	12.3	13.1	14.8	14.9	16.8
45°	15.7	16.3	14.6	16.7	17.6	16.9	14.4	17.7	18.6	18.3	16.5
42.5°	26.4	26.4	25.0	29.2	30.5	28.4	25.7	28.3	27.2	24.5	27.6
40°	45.9	43.9	45.6	50.1	51.5	48.2	49.1	45.8	42.7	36.0	46.9
37.5°	76.7	74.0	78.4	80.0	79.9	81.4	80.8	74.0	64.4	69.9	78.4
35°	123.1	120.1	124.9	122.8	117.9	130.3	126.3	111.0	103.4	112.0	117.7
32.5°	204.1	200.7	193.3	184.0	189.6	195.4	187.3	164.7	168.0	167.9	161.8
30°	330.0	314.8	288.6	289.8	300.3	283.6	262.5	270.4	259.2	236.2	213.5
27.5°	536.4	479.6	437.6	463.7	452.0	412.4	418.9	407.2	369.3	326.8	296.0
25°	861.2	763.6	742.7	728.1	670.6	658.7	662.0	606.9	517.5	455.5	497.7
22.5°	1306.3	1279.0	1196.4	1070.1	1096.5	1080.8	988.5	862.9	770.0	837.3	783.6
20°	2171.3	2072.8	1834.9	1886.8	1882.6	1611.5	1396.9	1413.9	1467.7	1350.2	1142.7
17.5°	3946.6	3462.0	3290.7	3325.3	3019.4	2465.7	2467.4	2493.7	2309.3	1966.3	1563.4
15°	6550.7	6090.6	5709.9	5237.6	4682.7	4331.3	4038.5	3764.4	3294.6	2707.9	2176.0
12.5°	10145.2	9229.8	8388.2	7647.1	7014.1	6412.6	5835.9	5218.3	4453.1	3721.2	3107.6
10°	13862.1	12519.6	11398.5	10345.1	9399.1	8550.3	7636.9	6696.5	5734.8	4822.8	4039.3
7.5°	17304.3	15784.5	14376.6	12906.3	11531.3	10384.1	9288.3	8156.5	6997.1	5913.1	4962.3
5°	20245.4	18364.8	16600.7	14920.3	13405.8	12134.3	10902.5	9592.1	8225.7	6978.9	5864.1
2.5°	22223.2	20340.6	18552.9	16745.0	15032.4	13579.7	12168.7	10669.2	9088.9	7618.8	6361.3
0°	23581.7	21483.0	19561.8	17576.8	15762.2	14337.0	12921.3	11401.4	9740.7	8127.3	6816.9
-2.5°	22941.0	20935.7	19145.7	17233.2	15440.5	14000.4	12621.5	11239.2	9610.2	8072.0	6808.3
-5°	21691.9	19726.0	17947.6	16158.5	14500.9	13180.8	11943.6	10723.9	9264.5	7896.2	6748.1
-7.5°	19702.9	18095.9	16542.9	14897.6	13362.9	12131.8	10990.5	9840.7	8555.9	7337.9	6291.1
-10°	17415.4	16059.6	14704.1	13301.9	12071.1	11011.4	9978.1	8927.6	7810.5	6745.4	5809.3
-12.5°	15184.7	14012.0	12792.1	11588.8	10647.8	9811.7	8963.0	8032.4	7043.4	6127.7	5316.5
-15°	12876.7	12155.1	11254.1	10194.5	9283.7	8649.3	7988.5	7229.4	6376.5	5542.3	4822.6
-17.5°	11493.3	10660.8	9920.3	9164.4	8381.4	7610.5	7082.8	6482.0	5787.8	5084.8	4439.9
-20°	10326.4	9667.3	8960.6	8311.2	7674.4	7022.8	6370.2	5789.0	5237.2	4664.2	4122.8



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9390.1	8833.3	8239.8	7607.2	7034.2	6485.6	5906.3	5300.3	4717.9	4254.1	3805.7
-25°	8619.2	8106.5	7607.0	7071.7	6498.4	5964.7	5460.9	4935.0	4395.6	3882.5	3496.6
-27.5°	7951.0	7515.3	7048.4	6571.3	6063.2	5537.4	5059.4	4589.5	4112.1	3650.5	3220.3
-30°	7379.5	6995.3	6572.3	6124.2	5672.5	5194.3	4710.2	4284.7	3860.1	3437.8	3036.7
-32.5°	6884.8	6548.5	6158.5	5733.8	5311.2	4885.4	4446.4	3999.4	3616.2	3244.9	2876.9
-35°	6471.7	6146.1	5770.1	5379.2	4991.9	4598.3	4185.6	3776.4	3398.3	3052.9	2714.8
-37.5°	6029.8	5732.8	5386.2	5028.5	4680.3	4316.1	3931.2	3555.6	3194.6	2871.5	2563.5
-40°	5568.6	5289.4	4999.0	4677.6	4353.2	4027.6	3675.0	3325.5	3001.4	2692.6	2409.0
-42.5°	5108.3	4861.9	4604.9	4311.3	4014.4	3720.7	3410.3	3097.9	2801.0	2519.9	2255.3
-45°	4655.8	4432.4	4195.1	3953.6	3686.8	3417.7	3144.5	2871.3	2603.9	2345.0	2094.2
-47.5°	4216.4	4021.0	3817.9	3610.4	3367.1	3120.9	2888.7	2649.6	2402.7	2162.3	1940.8
-50°	3796.2	3632.4	3454.2	3263.9	3055.1	2840.3	2633.1	2420.4	2198.3	1988.4	1783.3
-52.5°	3415.0	3262.7	3098.7	2925.8	2756.1	2572.5	2380.1	2195.2	2003.6	1811.0	1626.5
-55°	3028.1	2901.2	2764.7	2624.9	2480.4	2308.7	2138.6	1972.1	1803.3	1627.9	1473.0
-57.5°	2665.0	2562.2	2441.8	2316.3	2186.7	2043.2	1894.9	1744.4	1603.8	1459.6	1320.0
-60°	2304.9	2217.3	2117.1	2012.7	1904.5	1783.3	1659.7	1535.7	1411.8	1295.1	1176.9
-62.5°	1967.1	1892.5	1810.8	1729.0	1641.7	1545.1	1438.9	1338.3	1238.3	1136.8	1039.3
-65°	1670.0	1610.1	1541.3	1473.4	1401.0	1323.8	1235.9	1153.4	1073.2	991.0	905.7
-67.5°	1415.1	1360.9	1302.3	1244.5	1188.5	1124.2	1055.4	985.1	919.8	852.2	780.8
-70°	1224.6	1177.7	1127.4	1072.4	1016.5	958.9	903.2	846.6	785.4	728.7	674.6
-72.5°	1093.4	1045.7	995.6	943.5	887.1	834.0	787.0	741.6	692.0	638.2	586.7
-75°	981.2	936.8	892.8	846.5	799.6	752.0	703.5	657.1	612.0	568.4	524.7
-77.5°	837.9	799.3	759.8	719.0	680.7	645.3	611.3	570.7	526.6	485.1	444.2
-80°	632.3	604.3	576.5	549.4	522.4	495.8	468.7	437.3	407.6	377.5	344.8
-82.5°	402.1	389.1	375.2	358.9	341.8	324.1	305.5	283.6	262.0	240.7	219.5
-85°	198.1	194.4	190.1	183.3	175.9	168.2	160.0	150.5	140.9	131.0	121.0
-87.5°	72.5	71.6	70.6	68.4	66.2	63.9	61.6	59.0	56.3	53.5	50.7
-90°	3.0	3.3	3.6	3.9	4.2	4.4	4.7	4.7	4.7	4.7	4.7



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	12.1	11.3	10.4	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.4
87.5°	7.9	8.5	9.0	9.5	8.8	8.3	7.7	7.2	7.3	7.4	7.3
85°	14.8	14.6	14.5	14.6	13.3	11.8	10.7	9.8	10.0	10.0	9.9
82.5°	25.1	23.3	21.8	20.7	20.0	18.9	17.4	15.4	13.7	12.8	12.5
80°	41.2	36.7	32.7	29.1	27.2	26.1	24.8	22.6	19.0	16.5	14.9
77.5°	55.3	49.8	44.6	39.3	34.9	31.6	29.7	28.4	24.2	20.0	17.1
75°	67.6	60.7	54.1	47.7	41.6	36.8	32.9	30.0	26.6	23.2	19.2
72.5°	76.1	68.9	62.2	54.9	47.0	40.5	35.4	31.6	27.9	24.3	20.8
70°	82.1	75.4	68.1	59.8	51.5	43.6	37.2	32.8	29.2	25.4	21.7
67.5°	85.8	78.2	71.2	63.8	55.1	46.6	38.7	33.9	30.1	26.3	22.5
65°	76.7	75.0	72.7	64.7	57.1	49.4	40.9	35.2	31.0	27.1	23.2
62.5°	65.1	66.4	65.3	63.3	57.5	50.1	43.0	37.3	32.0	27.8	23.8
60°	50.8	54.6	57.0	56.5	54.7	49.9	43.7	39.1	33.5	28.5	24.4
57.5°	39.4	43.0	47.0	49.3	48.9	47.1	43.9	39.8	34.9	29.5	25.0
55°	29.8	34.2	38.3	41.6	43.1	42.2	42.9	39.9	35.8	30.4	25.8
52.5°	24.0	27.5	31.3	35.0	37.4	38.2	39.9	40.0	35.9	31.3	26.9
50°	20.3	24.2	26.8	29.7	32.6	35.0	37.3	38.0	35.8	31.7	28.0
47.5°	20.3	24.2	25.7	26.1	28.5	32.2	34.8	36.1	35.7	31.6	29.2
45°	24.6	27.3	27.4	26.6	26.2	30.4	32.7	34.4	34.3	32.3	30.3
42.5°	33.1	35.2	32.7	28.3	31.1	29.9	30.8	32.8	33.1	33.2	31.3
40°	50.8	47.7	41.3	40.6	40.9	30.6	31.0	31.4	32.3	34.0	32.1
37.5°	73.9	67.3	56.3	60.0	55.8	43.0	32.3	30.3	33.2	34.7	33.0
35°	110.6	93.5	87.2	86.6	77.6	58.5	34.3	30.4	34.6	35.6	34.0
32.5°	154.6	139.3	132.7	118.7	103.4	77.0	44.7	36.4	36.8	36.8	35.1
30°	211.9	218.6	187.9	154.2	133.4	101.5	67.0	43.9	39.8	38.3	36.2
27.5°	326.2	315.6	255.9	204.3	166.8	131.8	104.9	52.7	43.5	40.3	37.3
25°	476.7	432.7	349.9	264.1	202.3	223.5	152.6	63.8	49.8	43.2	38.6
22.5°	679.7	571.3	455.6	329.3	340.8	339.7	218.6	100.1	57.8	46.4	40.0
20°	916.1	729.0	613.8	569.6	514.0	464.0	307.6	141.5	66.4	50.0	41.4
17.5°	1192.3	1073.1	1010.3	863.3	714.5	599.6	409.8	187.0	75.4	53.8	43.0
15°	1857.2	1650.7	1451.5	1187.2	931.4	744.6	522.3	235.3	84.8	57.8	47.3
12.5°	2622.7	2254.6	1927.0	1534.4	1160.6	896.4	642.0	285.2	94.4	67.1	55.3
10°	3403.3	2876.5	2426.7	1897.1	1397.5	1052.3	765.2	341.0	116.9	80.6	63.6
7.5°	4188.4	3507.2	2939.6	2266.9	1631.1	1204.9	895.8	407.5	141.6	94.4	72.1
5°	4903.6	4039.5	3355.8	2564.3	1825.8	1348.9	1022.3	471.4	166.4	108.1	80.5
2.5°	5328.6	4403.4	3693.6	2836.4	2010.2	1486.8	1140.2	531.0	190.8	121.7	88.9
0°	5718.5	4741.9	4005.6	3087.1	2181.6	1616.9	1246.4	584.7	214.2	134.9	97.1
-2.5°	5687.7	4748.1	3997.9	3124.5	2258.8	1684.8	1292.4	650.5	279.3	182.1	128.2
-5°	5622.1	4725.9	3964.3	3138.0	2319.7	1742.2	1325.0	708.9	342.2	228.0	158.5
-7.5°	5331.9	4552.4	3854.8	3115.0	2363.7	1787.8	1345.6	759.9	402.0	272.1	187.6
-10°	4976.4	4281.7	3642.2	2965.0	2297.7	1782.9	1349.9	803.9	458.1	313.6	215.1
-12.5°	4608.9	4000.5	3422.0	2804.3	2204.7	1733.5	1307.9	821.7	507.5	351.9	240.5
-15°	4235.6	3713.7	3199.7	2636.9	2104.8	1677.7	1262.4	825.6	537.5	383.2	263.4
-17.5°	3882.4	3425.6	2980.3	2466.4	1999.9	1616.2	1215.7	825.7	563.7	407.1	283.4
-20°	3633.0	3187.5	2767.0	2296.1	1892.0	1550.2	1169.8	822.8	585.8	428.2	300.7



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3384.9	2987.0	2583.8	2153.4	1792.3	1480.3	1126.7	817.3	603.6	446.3	315.5
-25°	3134.9	2783.9	2411.8	2040.0	1705.3	1413.3	1097.8	810.1	617.1	461.2	327.7
-27.5°	2901.2	2583.5	2247.1	1926.3	1628.8	1356.2	1079.9	821.2	628.2	472.8	337.2
-30°	2676.1	2402.6	2110.8	1818.7	1549.2	1299.4	1062.2	827.7	639.2	482.0	343.8
-32.5°	2522.4	2236.8	1984.1	1726.1	1476.6	1239.8	1028.7	828.6	646.0	488.2	349.6
-35°	2402.7	2113.2	1863.2	1631.9	1405.4	1187.2	987.1	823.8	648.5	490.4	353.5
-37.5°	2271.9	2005.7	1759.5	1542.7	1331.6	1130.0	950.7	796.9	646.6	488.7	354.6
-40°	2144.0	1893.3	1663.3	1459.7	1261.7	1068.3	910.4	768.7	640.6	483.0	352.9
-42.5°	2006.1	1778.4	1568.1	1374.6	1189.8	1019.3	867.2	736.6	614.6	476.5	348.4
-45°	1870.6	1659.5	1468.1	1289.1	1116.6	966.5	827.1	700.8	583.6	468.0	341.7
-47.5°	1729.2	1542.0	1365.7	1197.9	1053.6	911.5	782.5	662.8	549.9	455.6	332.7
-50°	1592.9	1421.9	1260.7	1114.0	981.9	856.9	734.4	621.6	518.8	428.6	320.7
-52.5°	1457.9	1302.4	1159.2	1028.3	910.6	797.5	684.9	578.0	484.8	400.0	305.8
-55°	1322.8	1185.5	1057.9	943.8	836.8	736.2	632.2	535.8	448.2	369.9	288.4
-57.5°	1192.7	1067.7	960.8	859.1	762.0	670.4	578.9	490.6	410.9	338.0	269.9
-60°	1063.3	961.5	864.7	772.8	685.1	603.6	523.8	443.8	372.1	305.3	245.2
-62.5°	944.6	853.6	766.4	683.9	608.7	537.0	466.6	397.3	331.6	274.3	218.2
-65°	826.1	745.5	665.6	599.5	533.7	471.1	411.4	348.8	294.4	242.4	192.0
-67.5°	708.6	645.4	576.8	515.8	464.5	411.9	355.3	305.2	257.6	209.8	169.1
-70°	617.2	555.2	496.9	448.8	402.3	354.0	308.7	263.3	220.0	183.5	145.7
-72.5°	539.3	488.4	433.8	385.2	348.0	307.6	263.9	222.9	190.6	156.9	122.0
-75°	476.4	425.1	377.5	337.0	300.4	261.0	222.9	190.8	161.0	130.0	100.8
-77.5°	400.5	359.9	322.8	282.7	245.2	212.0	183.3	158.4	130.4	103.7	80.0
-80°	307.4	272.3	239.6	209.7	183.7	161.2	140.8	120.1	97.2	76.7	58.6
-82.5°	195.7	176.3	158.6	142.0	126.1	110.3	94.7	79.2	63.3	49.1	40.5
-85°	110.2	99.8	90.0	80.7	69.8	59.0	52.5	46.2	40.3	34.7	29.6
-87.5°	48.5	46.2	43.9	41.4	37.6	34.0	30.6	27.3	24.2	21.2	18.5
-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: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-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°	7.2	6.6	6.0	5.6	5.2	4.9	4.7
85°	9.6	8.4	7.4	6.5	5.7	5.1	4.7
82.5°	12.0	10.3	8.7	7.4	6.3	5.3	4.7
80°	14.3	12.1	10.0	8.3	6.8	5.5	4.7
77.5°	15.4	13.5	11.3	9.1	7.3	5.7	4.7
75°	16.4	14.0	12.4	10.0	7.8	5.9	4.7
72.5°	17.4	14.6	12.6	10.8	8.2	6.1	4.7
70°	18.2	15.0	12.7	11.4	8.7	6.3	4.7
67.5°	18.9	15.4	12.9	11.4	9.1	6.5	4.7
65°	19.6	15.9	13.0	11.3	9.6	6.7	4.7
62.5°	20.3	16.6	13.0	11.2	10.0	6.9	4.7
60°	21.0	17.2	13.0	11.1	10.4	7.0	4.7
57.5°	21.8	17.9	13.5	10.9	10.3	7.2	4.7
55°	22.6	18.5	14.0	10.7	10.2	7.3	4.7
52.5°	23.5	19.1	14.5	10.5	10.1	7.5	4.7
50°	24.3	19.9	15.0	10.3	10.0	7.6	4.7
47.5°	25.3	20.7	15.5	10.1	10.0	7.7	4.7
45°	26.3	21.5	15.9	10.5	9.9	7.8	4.7
42.5°	27.3	22.3	16.4	10.8	9.9	8.0	4.7
40°	28.2	23.2	16.9	11.3	9.9	8.0	4.7
37.5°	29.2	24.0	17.5	11.9	9.9	8.1	4.7
35°	30.2	24.8	18.1	12.6	9.9	8.2	4.7
32.5°	31.0	25.5	18.7	13.2	9.9	8.3	4.7
30°	31.9	26.2	19.2	13.8	9.9	8.3	4.7
27.5°	32.7	26.8	20.4	14.5	10.0	8.4	4.7
25°	33.5	27.5	21.7	15.1	10.0	8.4	4.7
22.5°	34.4	28.5	23.0	15.7	10.1	8.5	4.7
20°	35.2	30.8	24.2	16.3	10.1	8.5	4.7
17.5°	38.2	33.1	25.5	16.9	10.2	8.5	4.7
15°	42.8	35.5	26.7	17.4	10.3	8.5	4.7
12.5°	47.6	37.9	27.9	18.0	10.4	8.5	4.7
10°	52.6	40.4	29.1	18.5	10.4	8.5	4.7
7.5°	57.6	42.9	30.2	18.9	10.5	8.4	4.7
5°	62.6	45.2	31.3	19.4	10.6	8.4	4.7
2.5°	67.5	47.5	32.2	19.8	10.6	8.3	4.7
0°	72.2	49.7	33.1	20.1	10.7	8.3	4.7
-2.5°	91.1	60.5	38.7	22.6	11.5	8.5	4.7
-5°	109.4	71.0	44.1	24.9	12.3	8.6	4.7
-7.5°	127.0	81.1	49.3	27.2	13.1	8.8	4.7
-10°	143.6	90.6	54.2	29.4	13.9	9.0	4.7
-12.5°	159.0	99.4	58.7	31.4	14.6	9.1	4.7
-15°	172.9	107.5	62.9	33.2	15.3	9.2	4.7
-17.5°	185.2	114.6	66.6	34.8	15.9	9.3	4.7
-20°	196.8	120.8	69.7	36.2	16.4	9.4	4.7



REPORT NUMBER: P1306059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	208.5	125.8	72.3	37.3	17.0	9.5	4.7
-25°	218.4	132.2	74.3	38.2	17.4	9.6	4.7
-27.5°	226.5	138.4	75.7	38.8	17.8	9.6	4.7
-30°	232.7	143.3	76.6	39.1	18.1	9.7	4.7
-32.5°	237.0	146.7	79.1	39.1	18.3	9.7	4.7
-35°	240.2	148.6	80.7	38.8	18.5	9.7	4.7
-37.5°	241.8	149.5	81.3	38.1	18.6	9.6	4.7
-40°	241.2	149.8	81.0	37.2	18.5	9.6	4.7
-42.5°	238.4	148.6	80.4	36.3	18.4	9.5	4.7
-45°	233.3	145.8	79.6	35.7	18.3	9.4	4.7
-47.5°	226.0	141.5	78.0	34.6	18.0	9.3	4.7
-50°	218.0	135.7	75.6	34.3	17.7	9.2	4.7
-52.5°	208.2	128.4	72.4	33.9	17.2	9.1	4.7
-55°	196.2	121.9	68.3	33.2	16.7	8.9	4.7
-57.5°	182.2	114.5	63.5	32.2	16.1	8.7	4.7
-60°	166.8	106.1	58.1	30.8	15.5	8.6	4.7
-62.5°	153.1	96.5	54.6	29.1	14.9	8.3	4.7
-65°	137.9	85.8	50.5	27.1	14.3	8.1	4.7
-67.5°	121.3	76.2	45.8	24.8	13.6	7.9	4.7
-70°	103.5	67.6	40.7	22.3	12.8	7.6	4.7
-72.5°	89.0	58.4	35.2	20.4	12.1	7.4	4.7
-75°	74.4	48.6	29.3	18.6	11.3	7.1	4.7
-77.5°	58.9	38.3	25.4	16.7	10.4	6.8	4.7
-80°	42.8	30.9	21.8	14.7	9.6	6.5	4.7
-82.5°	33.4	25.0	18.1	12.6	8.7	6.2	4.7
-85°	24.8	19.0	14.3	10.5	7.8	5.9	4.7
-87.5°	16.0	12.9	10.4	8.4	6.8	5.6	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)