

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: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

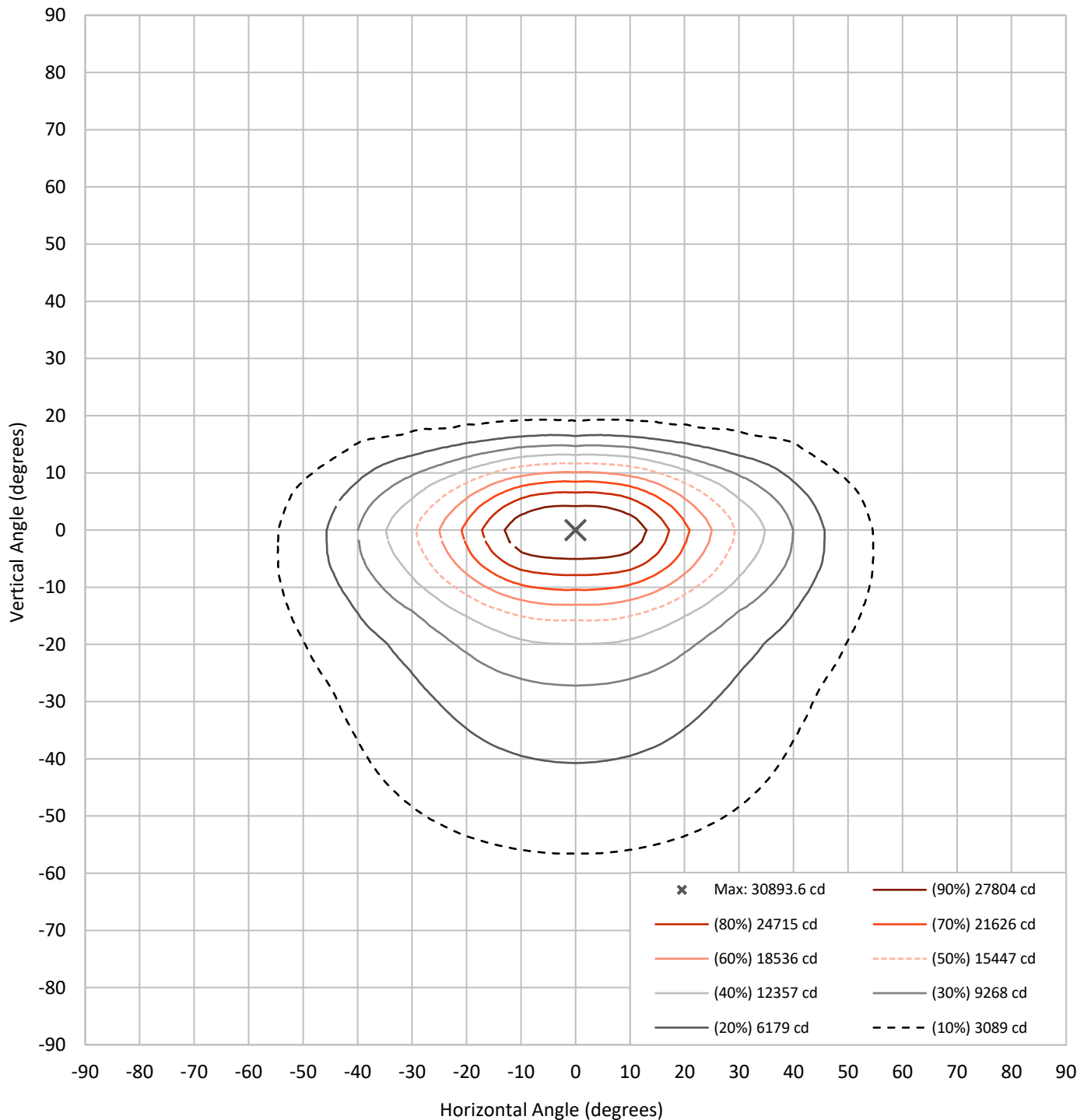
Test Method: LM-79-08
Report Number: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-80-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 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:	20787.2 lumens	Max Intensity:	30893.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.2 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:	8206 lumens	Field Lumens:	18293.2 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		

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CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

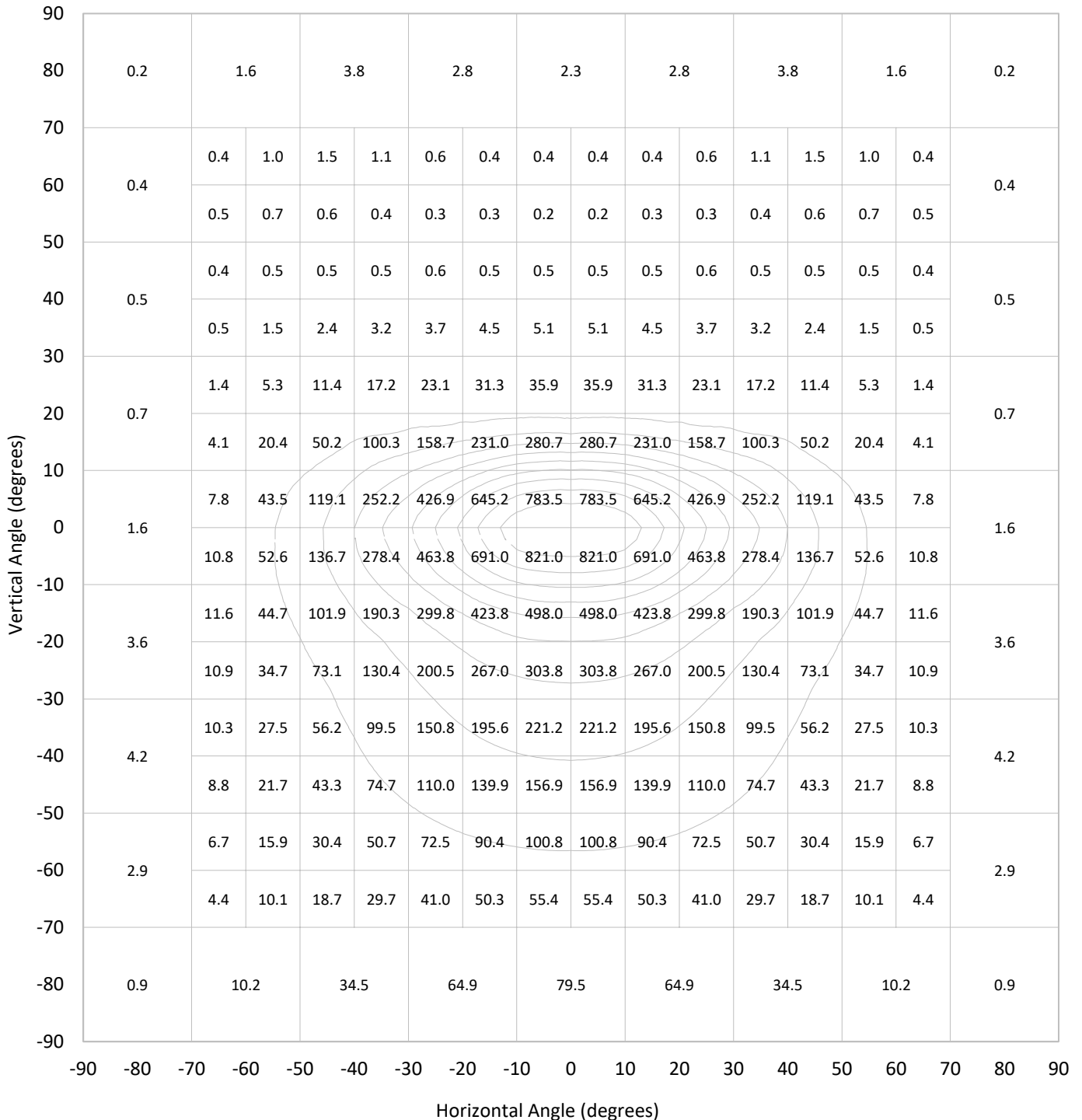
Iso-Candela Plot





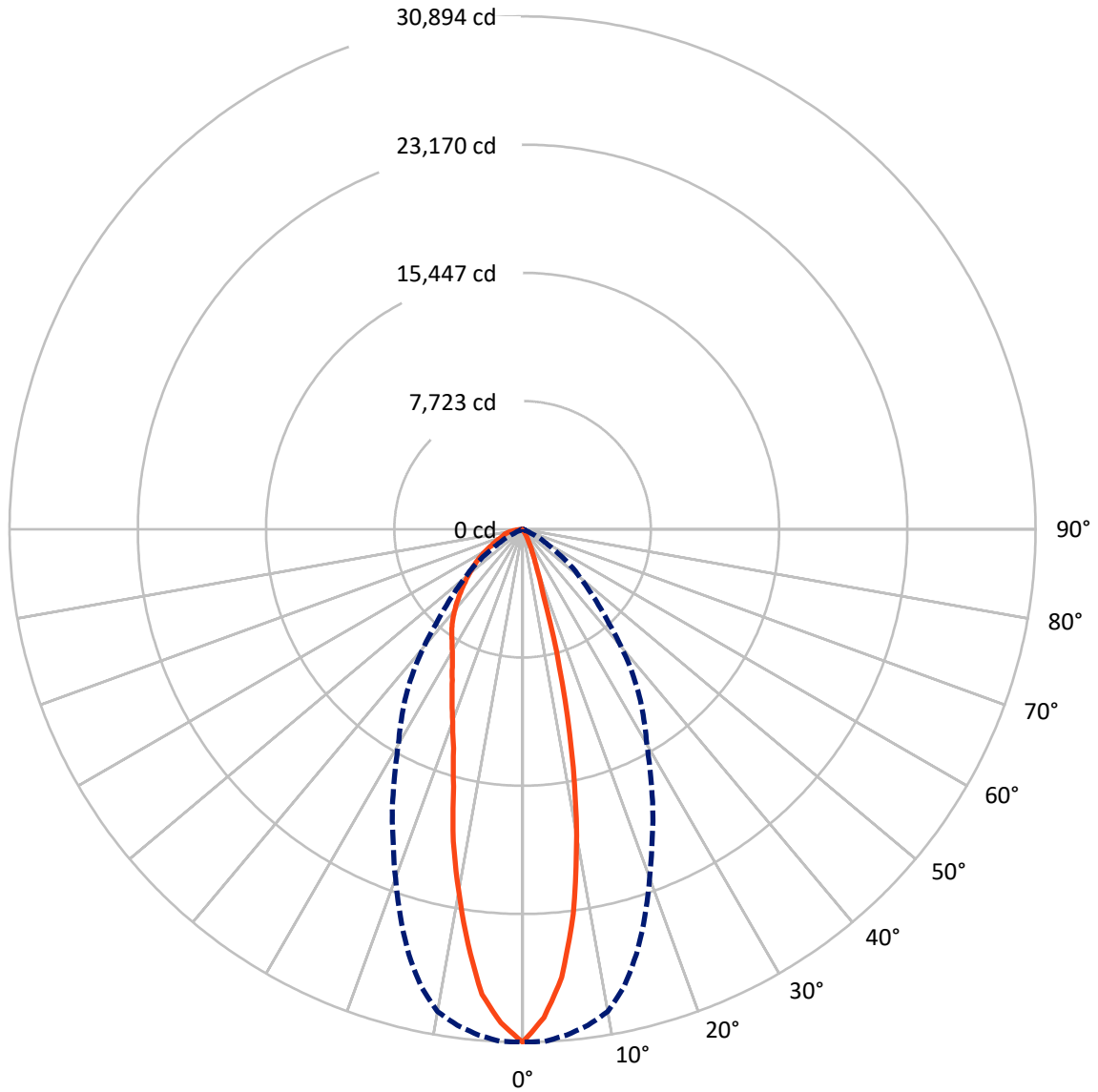
REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

Lumen Table



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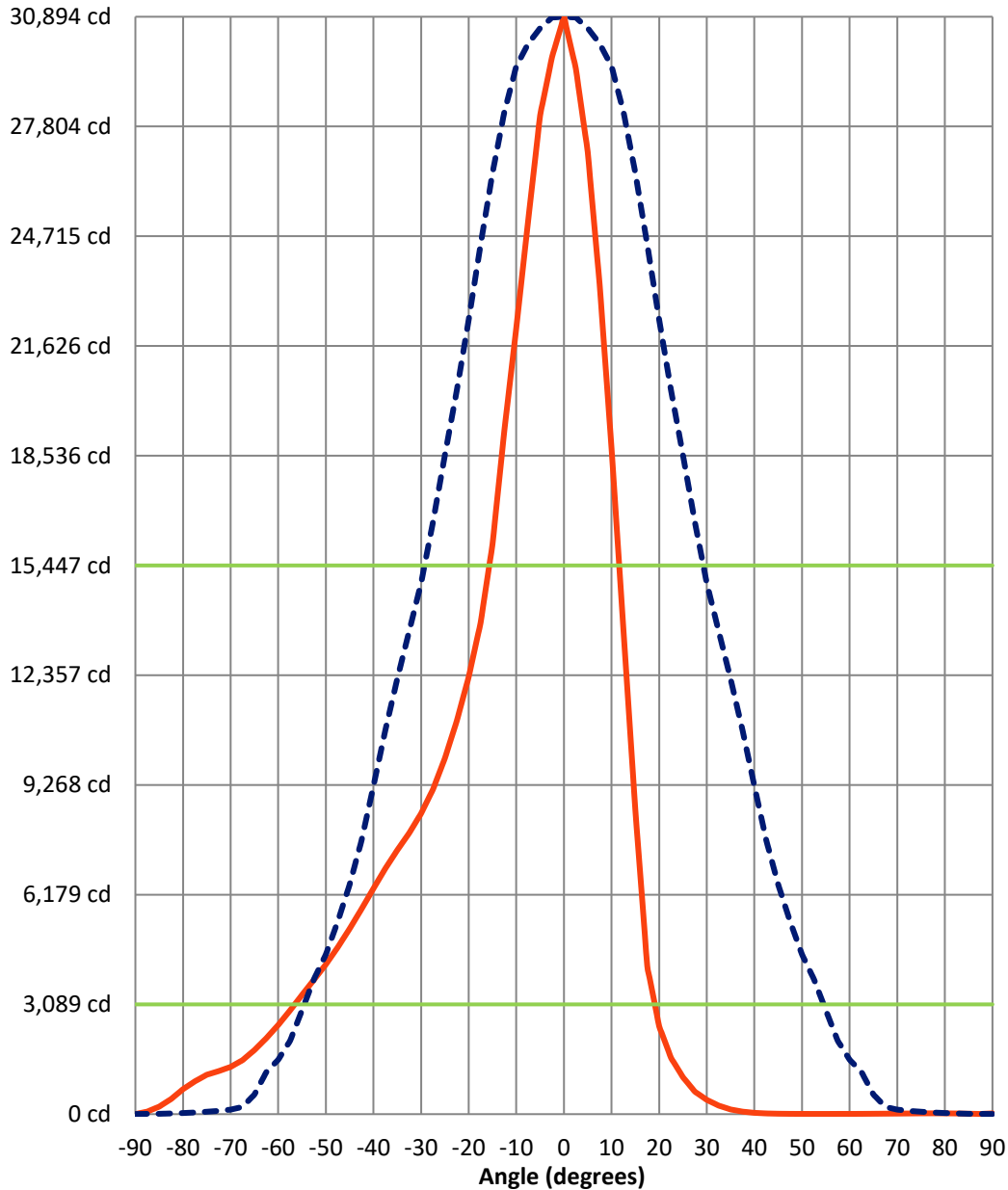
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 27.3°
 Lumens: 8206
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 18293.2
 Efficiency: 88.0%

Spill:
 Lumens: 2494
 Efficiency: 12.0%

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

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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.5	5.1	5.6	5.9	6.2	6.4	6.7	7.0	7.3	7.6	7.9
87.5°	4.5	4.7	5.0	5.3	5.8	6.3	6.8	7.0	7.0	7.0	6.9
85°	4.5	4.9	5.5	6.2	7.0	8.0	9.1	9.4	9.5	9.5	9.3
82.5°	4.5	5.1	6.0	7.0	8.3	9.8	11.4	11.9	12.1	13.0	14.6
80°	4.5	5.3	6.4	7.8	9.5	11.5	13.6	14.2	15.6	18.0	21.4
77.5°	4.5	5.5	6.9	8.6	10.7	12.8	14.6	16.3	19.0	22.9	26.9
75°	4.5	5.7	7.4	9.4	11.7	13.3	15.6	18.2	22.0	25.2	28.5
72.5°	4.5	5.8	7.8	10.2	11.9	13.8	16.5	19.8	23.1	26.5	30.0
70°	4.5	6.0	8.2	10.8	12.1	14.3	17.3	20.6	24.0	27.7	31.2
67.5°	4.5	6.2	8.7	10.8	12.2	14.7	18.0	21.3	25.0	28.6	32.1
65°	4.5	6.4	9.1	10.7	12.3	15.1	18.6	22.0	25.7	29.4	33.4
62.5°	4.5	6.5	9.4	10.6	12.3	15.7	19.3	22.6	26.4	30.3	35.3
60°	4.5	6.7	9.8	10.5	12.3	16.3	19.9	23.1	27.0	31.8	37.1
57.5°	4.5	6.8	9.7	10.3	12.8	16.9	20.7	23.7	28.0	33.1	37.7
55°	4.5	7.0	9.6	10.2	13.3	17.5	21.4	24.5	28.9	34.0	37.8
52.5°	4.5	7.1	9.6	10.0	13.8	18.1	22.3	25.5	29.6	34.0	37.9
50°	4.5	7.2	9.5	9.7	14.2	18.9	23.1	26.6	30.1	34.0	36.0
47.5°	4.5	7.3	9.4	9.6	14.7	19.6	24.0	27.7	30.0	33.8	34.2
45°	4.5	7.5	9.4	9.9	15.1	20.4	24.9	28.8	30.7	32.5	32.6
42.5°	4.5	7.6	9.4	10.2	15.5	21.2	25.9	29.6	31.5	31.4	31.1
40°	4.5	7.6	9.4	10.7	16.0	22.0	26.8	30.4	32.3	30.6	29.8
37.5°	4.5	7.7	9.4	11.3	16.6	22.8	27.7	31.3	32.9	31.4	28.7
35°	4.5	7.8	9.4	11.9	17.2	23.5	28.6	32.3	33.8	32.8	28.9
32.5°	4.5	7.9	9.4	12.5	17.7	24.2	29.4	33.3	34.9	34.9	34.5
30°	4.5	7.9	9.4	13.1	18.2	24.9	30.2	34.3	36.3	37.8	41.6
27.5°	4.5	8.0	9.4	13.7	19.4	25.5	31.0	35.4	38.2	41.3	50.0
25°	4.5	8.0	9.5	14.3	20.6	26.1	31.8	36.5	40.9	47.2	60.5
22.5°	4.5	8.0	9.5	14.9	21.8	27.0	32.6	37.9	44.0	54.8	94.9
20°	4.5	8.0	9.6	15.5	23.0	29.2	33.4	39.3	47.4	62.9	134.2
17.5°	4.5	8.1	9.7	16.0	24.2	31.4	36.2	40.7	51.0	71.5	177.3
15°	4.5	8.1	9.7	16.6	25.4	33.7	40.6	44.8	54.8	80.5	223.1
12.5°	4.5	8.1	9.8	17.1	26.5	36.0	45.2	52.4	63.6	89.5	270.5
10°	4.5	8.0	9.9	17.5	27.6	38.3	49.9	60.3	76.5	110.9	323.4
7.5°	4.5	8.0	9.9	18.0	28.7	40.6	54.6	68.3	89.5	134.3	386.5
5°	4.5	8.0	10.0	18.4	29.7	42.9	59.4	76.4	102.6	157.9	447.1
2.5°	4.5	7.9	10.0	18.8	30.6	45.0	64.0	84.3	115.5	181.0	503.6
0°	4.5	7.9	10.1	19.1	31.4	47.1	68.5	92.1	128.0	203.2	554.6
-2.5°	4.5	8.1	10.9	21.4	36.7	57.3	86.4	121.6	172.8	264.9	617.0
-5°	4.5	8.2	11.6	23.7	41.8	67.3	103.8	150.3	216.3	324.6	672.4
-7.5°	4.5	8.4	12.4	25.8	46.8	76.8	120.5	177.9	258.1	381.3	720.8
-10°	4.5	8.5	13.1	27.9	51.4	85.9	136.2	204.0	297.4	434.5	762.4
-12.5°	4.5	8.6	13.8	29.8	55.7	94.3	150.8	228.1	333.8	481.3	779.4
-15°	4.5	8.8	14.4	31.5	59.6	101.9	164.0	249.8	363.5	509.8	783.0
-17.5°	4.5	8.9	15.0	33.0	63.1	108.7	175.7	268.8	386.2	534.6	783.1
-20°	4.5	9.0	15.6	34.3	66.1	114.5	186.6	285.2	406.1	555.6	780.3



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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.5	9.0	16.1	35.4	68.6	119.3	197.7	299.2	423.2	572.5	775.2
-25°	4.5	9.1	16.5	36.2	70.5	125.4	207.1	310.8	437.3	585.3	768.3
-27.5°	4.5	9.1	16.9	36.8	71.8	131.3	214.8	319.8	448.4	595.8	778.8
-30°	4.5	9.2	17.2	37.1	72.7	135.9	220.7	326.0	457.1	606.3	785.0
-32.5°	4.5	9.2	17.4	37.1	75.0	139.1	224.7	331.6	463.0	612.7	785.8
-35°	4.5	9.2	17.5	36.8	76.5	141.0	227.8	335.2	465.1	615.0	781.3
-37.5°	4.5	9.2	17.6	36.2	77.1	141.8	229.3	336.2	463.4	613.3	755.7
-40°	4.5	9.1	17.6	35.3	76.8	142.1	228.8	334.6	458.0	607.6	729.0
-42.5°	4.5	9.0	17.5	34.4	76.2	140.9	226.1	330.4	451.9	582.9	698.6
-45°	4.5	9.0	17.3	33.9	75.5	138.3	221.3	324.0	443.8	553.4	664.6
-47.5°	4.5	8.9	17.1	32.8	74.0	134.2	214.4	315.5	432.0	521.5	628.5
-50°	4.5	8.8	16.7	32.5	71.7	128.7	206.8	304.1	406.4	492.0	589.5
-52.5°	4.5	8.6	16.3	32.2	68.7	121.7	197.4	290.1	379.3	459.8	548.2
-55°	4.5	8.5	15.8	31.5	64.8	115.6	186.1	273.6	350.8	425.0	508.2
-57.5°	4.5	8.3	15.3	30.5	60.3	108.6	172.8	256.0	320.6	389.7	465.2
-60°	4.5	8.1	14.7	29.2	55.1	100.6	158.1	232.6	289.6	352.9	420.8
-62.5°	4.5	7.9	14.1	27.6	51.8	91.5	145.2	206.9	260.2	314.5	376.8
-65°	4.5	7.7	13.5	25.7	47.9	81.4	130.8	182.0	229.9	279.2	330.8
-67.5°	4.5	7.5	12.9	23.5	43.5	72.3	115.1	160.3	198.9	244.3	289.4
-70°	4.5	7.3	12.2	21.1	38.6	64.2	98.2	138.2	174.0	208.6	249.7
-72.5°	4.5	7.0	11.4	19.3	33.4	55.4	84.5	115.8	148.8	180.7	211.3
-75°	4.5	6.7	10.7	17.6	27.8	46.1	70.6	95.7	123.3	152.7	180.9
-77.5°	4.5	6.5	9.9	15.8	24.1	36.3	55.9	75.9	98.3	123.6	150.2
-80°	4.5	6.2	9.1	13.9	20.7	29.3	40.7	55.6	72.7	92.2	113.9
-82.5°	4.5	5.9	8.2	12.0	17.1	23.7	31.7	38.4	46.6	60.0	75.1
-85°	4.5	5.6	7.3	10.0	13.5	18.0	23.5	28.0	32.9	38.2	43.8
-87.5°	4.5	5.3	6.5	7.9	9.9	12.3	15.1	17.5	20.1	22.9	25.9
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.2	8.5	8.7	9.0	9.8	10.7	11.5	12.3	13.7	15.2	16.6
87.5°	7.3	7.8	8.4	9.0	8.6	8.1	7.5	6.9	7.4	7.9	8.5
85°	10.2	11.2	12.6	13.8	13.7	13.8	14.0	14.4	15.4	16.1	16.8
82.5°	16.4	17.9	19.0	19.7	20.7	22.1	23.8	26.5	27.9	28.9	29.4
80°	23.5	24.8	25.8	27.7	31.0	34.8	39.1	43.6	45.1	45.2	44.8
77.5°	28.1	30.0	33.1	37.3	42.3	47.2	52.5	58.1	59.7	59.3	58.5
75°	31.2	34.9	39.5	45.2	51.3	57.6	64.2	70.2	72.0	70.2	67.8
72.5°	33.6	38.4	44.6	52.1	58.9	65.3	72.2	79.4	81.9	78.0	73.1
70°	35.3	41.4	48.8	56.7	64.5	71.4	77.8	84.8	88.8	82.1	72.4
67.5°	36.7	44.2	52.3	60.4	67.5	74.1	81.4	83.6	84.6	74.5	64.1
65°	38.7	46.8	54.2	61.4	69.0	71.2	72.7	74.2	72.6	61.1	49.8
62.5°	40.7	47.4	54.5	60.1	61.9	63.0	61.7	58.7	54.7	46.7	37.5
60°	41.4	47.3	51.8	53.5	54.0	51.7	48.2	44.5	40.4	33.8	27.4
57.5°	41.6	44.6	46.3	46.7	44.5	40.8	37.3	32.7	29.1	25.0	19.8
55°	40.6	40.0	40.8	39.4	36.3	32.4	28.3	25.1	20.9	18.5	15.5
52.5°	37.8	36.2	35.4	33.2	29.7	26.1	22.7	19.7	17.3	14.6	12.7
50°	35.3	33.1	30.8	28.1	25.5	23.0	19.2	17.0	15.0	12.9	11.2
47.5°	33.0	30.5	27.0	24.7	24.4	22.9	19.2	15.9	14.1	14.0	12.5
45°	31.0	28.9	24.8	25.2	25.9	25.9	23.3	15.6	17.3	17.7	16.8
42.5°	29.2	28.3	29.5	26.8	31.0	33.3	31.3	26.1	23.3	25.8	26.8
40°	29.4	29.0	38.8	38.5	39.1	45.2	48.2	44.5	34.2	40.5	43.4
37.5°	30.6	40.8	52.9	56.9	53.4	63.8	70.1	74.4	66.3	61.1	70.2
35°	32.5	55.5	73.6	82.1	82.6	88.6	104.9	111.6	106.2	98.1	105.3
32.5°	42.4	73.1	98.1	112.5	125.8	132.0	146.6	153.4	159.3	159.3	156.2
30°	63.5	96.3	126.4	146.2	178.2	207.3	201.0	202.5	224.0	245.8	256.4
27.5°	99.5	125.0	158.1	193.8	242.7	299.3	309.4	280.7	309.9	350.3	386.1
25°	144.8	211.9	191.8	250.5	331.9	410.4	452.1	472.0	432.0	490.8	575.6
22.5°	207.4	322.1	323.1	312.3	432.1	541.9	644.7	743.1	794.1	730.2	818.3
20°	291.7	440.0	487.5	540.2	582.1	691.4	868.8	1083.7	1280.5	1391.9	1340.8
17.5°	388.6	568.6	677.6	818.7	958.1	1017.8	1130.7	1482.7	1864.8	2190.1	2365.0
15°	495.3	706.1	883.3	1125.9	1376.6	1565.5	1761.3	2063.6	2568.1	3124.6	3570.0
12.5°	608.8	850.1	1100.6	1455.2	1827.5	2138.2	2487.3	2947.2	3529.1	4223.2	4948.9
10°	725.7	998.0	1325.3	1799.2	2301.5	2728.0	3227.6	3830.8	4573.8	5438.7	6350.7
7.5°	849.5	1142.7	1546.8	2149.8	2787.8	3326.2	3972.2	4706.2	5607.8	6635.9	7735.4
5°	969.5	1279.3	1731.5	2431.9	3182.6	3831.0	4650.5	5561.4	6618.6	7801.1	9096.9
2.5°	1081.4	1410.0	1906.3	2690.0	3502.9	4176.1	5053.5	6033.0	7225.5	8619.7	10118.4
0°	1182.1	1533.5	2068.9	2927.7	3798.8	4497.1	5423.2	6465.0	7707.7	9237.8	10812.8
-2.5°	1225.8	1597.9	2142.2	2963.1	3791.5	4502.9	5394.0	6456.8	7655.2	9114.1	10658.9
-5°	1256.6	1652.3	2199.9	2976.0	3759.6	4481.9	5331.8	6399.7	7488.5	8786.2	10170.2
-7.5°	1276.1	1695.5	2241.6	2954.2	3655.8	4317.3	5056.6	5966.3	6959.0	8114.1	9332.6
-10°	1280.2	1690.8	2179.0	2811.9	3454.2	4060.6	4719.5	5509.4	6397.1	7407.2	8466.7
-12.5°	1240.5	1644.0	2090.9	2659.6	3245.3	3794.0	4370.9	5042.0	5811.4	6679.8	7617.6
-15°	1197.3	1591.1	1996.1	2500.8	3034.5	3522.0	4017.0	4573.6	5256.2	6047.3	6856.1
-17.5°	1153.0	1532.8	1896.6	2339.0	2826.4	3248.7	3682.0	4210.7	4822.3	5488.9	6147.3
-20°	1109.4	1470.1	1794.3	2177.6	2624.2	3022.9	3445.5	3910.0	4423.4	4966.7	5490.1



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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1068.6	1403.9	1699.7	2042.2	2450.4	2832.8	3210.2	3609.3	4034.4	4474.3	5026.6
-25°	1041.2	1340.3	1617.2	1934.7	2287.2	2640.1	2973.0	3316.1	3682.1	4168.7	4680.2
-27.5°	1024.1	1286.2	1544.7	1826.8	2131.1	2450.1	2751.4	3054.0	3462.1	3899.8	4352.6
-30°	1007.4	1232.4	1469.2	1724.8	2001.8	2278.5	2537.9	2879.8	3260.3	3660.8	4063.5
-32.5°	975.6	1175.8	1400.4	1637.0	1881.7	2121.3	2392.1	2728.4	3077.3	3429.5	3792.9
-35°	936.1	1125.9	1332.8	1547.6	1767.1	2004.1	2278.6	2574.6	2895.2	3222.8	3581.5
-37.5°	901.6	1071.6	1262.8	1463.1	1668.7	1902.1	2154.6	2431.1	2723.2	3029.7	3372.1
-40°	863.4	1013.2	1196.6	1384.4	1577.4	1795.5	2033.3	2284.6	2553.5	2846.5	3153.8
-42.5°	822.4	966.7	1128.3	1303.5	1487.1	1686.6	1902.5	2138.8	2389.8	2656.4	2937.9
-45°	784.4	916.6	1058.9	1222.6	1392.3	1573.8	1774.0	1986.1	2223.9	2469.5	2723.1
-47.5°	742.1	864.5	999.2	1136.1	1295.1	1462.4	1639.9	1840.5	2050.6	2278.7	2512.8
-50°	696.5	812.6	931.3	1056.5	1195.6	1348.5	1510.6	1691.2	1885.7	2084.8	2295.4
-52.5°	649.5	756.3	863.6	975.3	1099.4	1235.2	1382.6	1542.4	1717.5	1900.1	2081.8
-55°	599.5	698.1	793.6	895.1	1003.3	1124.3	1254.5	1397.0	1543.8	1710.2	1870.3
-57.5°	549.0	635.8	722.6	814.8	911.2	1012.6	1131.2	1251.8	1384.2	1521.0	1654.4
-60°	496.7	572.5	649.7	732.9	820.1	911.9	1008.4	1116.1	1228.2	1338.9	1456.4
-62.5°	442.5	509.3	577.3	648.6	726.9	809.6	895.9	985.7	1078.1	1174.3	1269.2
-65°	390.2	446.8	506.1	568.5	631.2	707.0	783.5	859.0	939.8	1017.7	1093.8
-67.5°	336.9	390.6	440.5	489.2	547.1	612.1	672.1	740.5	808.2	872.3	934.3
-70°	292.7	335.7	381.5	425.6	471.2	526.5	585.4	639.8	691.1	744.8	802.9
-72.5°	250.2	291.7	330.0	365.2	411.4	463.2	511.5	556.4	605.3	656.3	703.3
-75°	211.3	247.5	284.9	319.6	358.0	403.1	451.8	497.5	539.1	580.4	623.2
-77.5°	173.9	201.1	232.5	268.1	306.2	341.4	379.8	421.2	460.0	499.4	541.2
-80°	133.5	152.9	174.2	198.9	227.2	258.2	291.6	327.0	358.0	386.5	414.7
-82.5°	89.8	104.6	119.5	134.6	150.5	167.2	185.6	208.2	228.3	248.5	269.0
-85°	49.7	55.9	66.2	76.5	85.3	94.6	104.5	114.7	124.3	133.6	142.8
-87.5°	29.0	32.3	35.7	39.2	41.6	43.8	46.0	48.1	50.8	53.4	56.0
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	18.0	18.3	18.6	18.8	19.1	20.0	20.8	21.7	22.5	22.2	21.9
87.5°	9.1	9.0	8.8	8.6	8.5	9.3	10.2	11.1	12.0	11.0	10.0
85°	17.2	17.3	17.4	17.3	17.2	18.4	19.5	20.7	21.8	20.1	18.3
82.5°	29.6	29.1	28.1	26.7	24.9	24.5	24.0	23.4	22.5	21.6	20.7
80°	44.0	41.9	39.1	36.0	32.4	30.5	28.8	26.8	24.6	24.0	23.5
77.5°	56.7	52.9	48.2	43.2	37.8	34.6	31.8	29.0	26.0	25.4	25.2
75°	64.8	59.9	53.1	46.1	38.8	34.3	31.0	27.8	24.6	23.7	23.3
72.5°	67.3	60.4	52.5	43.7	35.2	29.8	26.8	24.0	21.6	20.6	20.1
70°	63.0	53.8	45.0	36.6	28.7	23.8	21.6	19.8	18.2	17.4	17.2
67.5°	53.2	43.5	35.3	28.3	22.6	19.0	17.7	16.6	15.6	15.0	14.5
65°	40.4	32.8	26.9	22.1	18.5	16.3	15.3	14.4	13.5	12.7	12.2
62.5°	29.7	24.2	20.7	18.0	15.9	14.4	13.4	12.6	11.9	11.4	11.0
60°	22.4	18.6	16.4	14.7	13.4	12.4	11.8	11.3	10.8	10.4	9.9
57.5°	17.1	14.8	13.2	12.4	11.7	11.3	10.9	10.3	9.8	9.3	8.9
55°	13.5	12.3	11.4	11.1	10.9	10.5	10.0	9.6	9.0	8.3	7.8
52.5°	11.3	11.2	11.2	11.0	10.7	10.4	10.0	9.4	8.7	8.0	7.6
50°	11.2	11.3	11.3	11.1	10.8	10.5	10.1	9.7	9.2	8.8	8.5
47.5°	11.6	11.8	12.4	11.4	11.2	11.5	11.3	10.9	10.8	10.5	10.2
45°	13.7	16.0	16.7	15.8	13.9	15.4	14.9	13.2	14.2	14.1	13.2
42.5°	24.4	26.9	28.9	27.7	23.7	25.0	25.0	22.3	23.1	23.1	22.1
40°	46.5	45.7	48.8	47.5	43.2	41.6	43.5	40.4	39.8	41.3	39.5
37.5°	76.6	77.1	75.7	75.9	74.4	70.2	72.7	71.8	69.2	74.1	74.6
35°	119.8	123.5	111.8	116.4	118.5	113.9	116.8	124.9	119.7	131.0	134.0
32.5°	177.6	185.3	179.8	174.5	183.3	190.3	193.6	210.9	215.6	225.8	237.9
30°	248.9	268.9	284.7	274.9	273.8	298.6	312.9	336.2	358.8	372.3	397.1
27.5°	397.2	391.1	428.7	439.8	415.1	454.8	508.7	518.9	587.7	593.2	641.3
25°	627.8	624.6	635.9	690.5	704.3	724.2	816.7	865.6	944.4	987.1	1023.9
22.5°	937.4	1024.9	1039.8	1014.8	1134.6	1212.9	1238.8	1379.5	1443.8	1539.8	1568.6
20°	1324.7	1528.3	1785.3	1789.4	1740.1	1965.8	2059.2	2133.2	2290.3	2399.8	2474.1
17.5°	2340.0	2338.4	2863.5	3153.7	3120.9	3283.3	3742.9	3695.5	4066.8	4291.9	4301.4
15°	3830.0	4107.7	4441.0	4967.2	5415.1	5776.1	6212.5	6782.7	7244.4	7786.7	8198.5
12.5°	5534.6	6081.6	6651.9	7252.2	7955.1	8753.3	9621.5	10381.5	11285.5	12076.8	12894.9
10°	7242.6	8108.9	8913.8	9810.9	10810.0	11873.3	13146.4	14258.8	15596.2	16769.2	17540.3
7.5°	8808.8	9848.0	10935.9	12239.9	13634.4	14969.5	16410.9	17971.1	19535.8	20891.0	22041.8
5°	10339.6	11507.8	12713.6	14150.0	15743.6	17416.6	19200.2	21045.4	22684.9	24228.7	25572.5
2.5°	11540.4	12878.6	14256.2	15880.5	17595.0	19290.5	21075.9	23062.3	24969.0	26774.6	28155.0
0°	12254.2	13596.8	14948.4	16669.3	18551.9	20373.9	22364.2	24479.2	26492.0	28218.5	29498.3
-2.5°	11969.9	13277.6	14643.3	16343.5	18157.2	19854.8	21756.5	23805.2	25754.8	27503.3	28831.5
-5°	11327.0	12500.3	13752.2	15324.3	17021.1	18707.6	20572.0	22520.9	24202.7	25754.8	26945.7
-7.5°	10423.1	11505.5	12673.1	14128.5	15688.9	17161.7	18685.7	20258.0	21788.4	23115.8	24095.7
-10°	9463.0	10442.9	11447.9	12615.1	13944.9	15230.5	16516.3	17950.4	19211.7	20307.6	21115.6
-12.5°	8500.3	9305.2	10098.0	10990.6	12131.7	13288.6	14400.7	15603.3	16607.9	17512.0	18230.9
-15°	7576.1	8202.8	8804.4	9668.2	10673.1	11527.5	12211.8	13301.0	13983.0	14786.7	15289.2
-17.5°	6717.2	7217.6	7948.7	8691.2	9408.1	10110.3	10899.9	11544.7	12214.2	12870.6	13302.5
-20°	6041.3	6660.2	7278.2	7882.1	8498.0	9168.2	9793.2	10402.6	10986.0	11490.5	11836.8



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5601.4	6150.8	6671.0	7214.5	7814.4	8377.2	8905.3	9466.4	9965.3	10342.0	10623.8
-25°	5178.9	5656.8	6162.9	6706.6	7214.2	7688.0	8174.2	8607.4	9033.0	9346.7	9610.3
-27.5°	4798.2	5251.5	5750.2	6232.0	6684.5	7127.3	7540.5	7899.3	8253.9	8504.8	8767.0
-30°	4467.0	4926.1	5379.7	5808.0	6233.0	6634.1	6998.5	7339.2	7636.8	7881.1	8100.9
-32.5°	4216.8	4633.1	5037.0	5437.8	5840.6	6210.4	6529.3	6856.6	7130.4	7364.7	7563.7
-35°	3969.4	4360.9	4734.2	5101.4	5472.2	5828.7	6137.6	6422.5	6692.0	6901.7	7084.1
-37.5°	3728.2	4093.2	4438.6	4768.9	5108.1	5436.8	5718.5	5986.2	6227.1	6420.9	6593.9
-40°	3485.2	3819.6	4128.4	4436.1	4740.9	5016.4	5281.1	5527.7	5734.0	5912.7	6070.2
-42.5°	3234.2	3528.6	3807.1	4088.7	4367.1	4610.9	4844.6	5066.1	5241.7	5400.0	5536.4
-45°	2982.2	3241.3	3496.5	3749.5	3978.5	4203.5	4415.4	4602.4	4760.8	4901.0	5019.2
-47.5°	2739.6	2959.8	3193.3	3424.0	3620.8	3813.4	3998.7	4157.3	4294.8	4417.5	4521.5
-50°	2497.2	2693.7	2897.3	3095.3	3275.8	3444.9	3600.2	3738.7	3864.1	3970.1	4059.3
-52.5°	2257.2	2439.7	2613.8	2774.8	2938.7	3094.2	3238.7	3359.8	3469.6	3567.7	3646.3
-55°	2028.2	2189.5	2352.3	2489.4	2621.9	2751.4	2871.7	2979.9	3079.4	3169.5	3240.0
-57.5°	1797.1	1937.8	2073.8	2196.8	2315.7	2429.9	2527.4	2612.2	2691.6	2764.4	2826.6
-60°	1574.0	1691.3	1806.2	1908.8	2007.9	2102.9	2185.9	2258.1	2322.1	2378.5	2429.4
-62.5°	1364.6	1465.3	1556.9	1639.7	1717.3	1794.8	1865.6	1928.0	1982.2	2028.5	2068.5
-65°	1172.0	1255.4	1328.7	1397.3	1461.7	1527.0	1583.8	1635.0	1680.7	1719.0	1749.7
-67.5°	1000.9	1066.2	1127.1	1180.2	1235.0	1290.6	1342.0	1386.9	1425.6	1456.2	1480.1
-70°	856.6	909.4	964.1	1017.0	1069.1	1116.9	1161.3	1201.1	1236.4	1262.8	1283.9
-72.5°	746.3	790.9	841.3	894.7	944.2	991.7	1036.9	1079.0	1118.1	1143.2	1162.9
-75°	667.2	713.2	758.3	802.8	846.7	888.5	930.5	973.5	1016.8	1042.4	1062.9
-77.5°	579.8	612.0	645.6	681.9	720.5	758.0	794.7	830.9	866.4	884.1	897.7
-80°	444.5	470.2	495.5	521.0	546.7	573.0	599.6	626.0	652.0	663.9	672.9
-82.5°	289.7	307.4	324.2	340.3	355.8	369.0	381.4	392.8	403.4	408.6	412.1
-85°	151.7	159.5	166.8	173.8	180.3	184.3	187.8	190.8	193.2	196.4	199.2
-87.5°	58.4	60.6	62.7	64.8	66.9	67.9	68.7	69.5	70.1	71.2	72.2
-90°	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2	2.2	2.2



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	21.6	21.3	21.9	22.5	21.9	21.3	21.6	21.9	22.2	22.5	21.7
87.5°	8.9	7.9	7.3	6.7	7.3	7.9	8.9	10.0	11.0	12.0	11.1
85°	16.5	14.6	13.4	12.3	13.4	14.6	16.5	18.3	20.1	21.8	20.7
82.5°	19.9	19.1	19.1	19.1	19.1	19.1	19.9	20.7	21.6	22.5	23.4
80°	23.0	22.5	22.5	22.5	22.5	22.5	23.0	23.5	24.0	24.6	26.8
77.5°	24.9	24.7	24.2	23.6	24.2	24.7	24.9	25.2	25.4	26.0	29.0
75°	22.9	22.6	22.5	22.5	22.5	22.6	22.9	23.3	23.7	24.6	27.8
72.5°	19.6	19.2	19.1	19.1	19.1	19.2	19.6	20.1	20.6	21.6	24.0
70°	17.0	16.9	16.3	15.7	16.3	16.9	17.0	17.2	17.4	18.2	19.8
67.5°	14.1	13.7	13.5	13.5	13.5	13.7	14.1	14.5	15.0	15.6	16.6
65°	11.8	11.4	11.2	11.2	11.2	11.4	11.8	12.2	12.7	13.5	14.4
62.5°	10.6	10.2	9.6	9.0	9.6	10.2	10.6	11.0	11.4	11.9	12.6
60°	9.5	9.1	8.5	7.9	8.5	9.1	9.5	9.9	10.4	10.8	11.3
57.5°	8.5	8.1	7.9	7.9	7.9	8.1	8.5	8.9	9.3	9.8	10.3
55°	7.4	6.9	6.7	6.7	6.7	6.9	7.4	7.8	8.3	9.0	9.6
52.5°	7.2	6.9	6.7	6.7	6.7	6.9	7.2	7.6	8.0	8.7	9.4
50°	8.2	8.0	7.9	7.9	7.9	8.0	8.2	8.5	8.8	9.2	9.7
47.5°	9.8	9.3	9.0	9.0	9.0	9.3	9.8	10.2	10.5	10.8	10.9
45°	12.9	12.5	12.2	12.3	12.2	12.5	12.9	13.2	14.1	14.2	13.2
42.5°	22.3	21.7	20.8	20.2	20.8	21.7	22.3	22.1	23.1	23.1	22.3
40°	39.6	38.8	37.5	37.0	37.5	38.8	39.6	39.5	41.3	39.8	40.4
37.5°	75.6	75.1	72.7	71.8	72.7	75.1	75.6	74.6	74.1	69.2	71.8
35°	133.8	134.8	132.5	132.5	132.5	134.8	133.8	134.0	131.0	119.7	124.9
32.5°	242.0	244.6	237.7	241.4	237.7	244.6	242.0	237.9	225.8	215.6	210.9
30°	396.3	405.1	401.2	403.0	401.2	405.1	396.3	397.1	372.3	358.8	336.2
27.5°	646.1	652.6	639.0	634.3	639.0	652.6	646.1	641.3	593.2	587.7	518.9
25°	1044.6	1048.8	1035.5	1040.6	1035.5	1048.8	1044.6	1023.9	987.1	944.4	865.6
22.5°	1627.3	1611.6	1596.9	1582.8	1596.9	1611.6	1627.3	1568.6	1539.8	1443.8	1379.5
20°	2543.1	2507.1	2502.3	2475.3	2502.3	2507.1	2543.1	2474.1	2399.8	2290.3	2133.2
17.5°	4531.0	4596.2	4451.4	4171.5	4451.4	4596.2	4531.0	4301.4	4291.9	4066.8	3695.5
15°	8441.0	8747.3	8878.9	8557.5	8878.9	8747.3	8441.0	8198.5	7786.7	7244.4	6782.7
12.5°	13346.5	13562.1	13823.3	13632.7	13823.3	13562.1	13346.5	12894.9	12076.8	11285.5	10381.5
10°	18202.6	18525.5	18920.9	18742.7	18920.9	18525.5	18202.6	17540.3	16769.2	15596.2	14258.8
7.5°	22675.2	23231.4	23578.8	23355.5	23578.8	23231.4	22675.2	22041.8	20891.0	19535.8	17971.1
5°	26492.2	26931.9	27141.4	27083.6	27141.4	26931.9	26492.2	25572.5	24228.7	22684.9	21045.4
2.5°	28940.0	29404.3	29591.9	29436.0	29591.9	29404.3	28940.0	28155.0	26774.6	24969.0	23062.3
0°	30136.4	30571.4	30870.1	30893.6	30870.1	30571.4	30136.4	29498.3	28218.5	26492.0	24479.2
-2.5°	29445.0	29709.4	29852.2	29757.0	29852.2	29709.4	29445.0	28831.5	27503.3	25754.8	23805.2
-5°	27634.2	27913.7	28004.5	28115.2	28004.5	27913.7	27634.2	26945.7	25754.8	24202.7	22520.9
-7.5°	24646.8	24953.5	25179.6	25170.1	25179.6	24953.5	24646.8	24095.7	23115.8	21788.4	20258.0
-10°	21716.7	21944.5	22180.4	22140.8	22180.4	21944.5	21716.7	21115.6	20307.6	19211.7	17950.4
-12.5°	18812.7	19192.9	19285.2	19257.5	19285.2	19192.9	18812.7	18230.9	17512.0	16607.9	15603.3
-15°	15861.4	16143.1	16120.0	16045.2	16120.0	16143.1	15861.4	15289.2	14786.7	13983.0	13301.0
-17.5°	13676.3	13831.7	13891.1	13832.5	13891.1	13831.7	13676.3	13302.5	12870.6	12214.2	11544.7
-20°	12121.5	12241.6	12282.0	12309.2	12282.0	12241.6	12121.5	11836.8	11490.5	10986.0	10402.6



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10866.4	10989.0	11024.5	11071.0	11024.5	10989.0	10866.4	10623.8	10342.0	9965.3	9466.4
-25°	9813.7	9933.5	9974.0	10020.2	9974.0	9933.5	9813.7	9610.3	9346.7	9033.0	8607.4
-27.5°	8942.8	9059.7	9108.5	9143.5	9108.5	9059.7	8942.8	8767.0	8504.8	8253.9	7899.3
-30°	8256.9	8372.1	8441.7	8464.3	8441.7	8372.1	8256.9	8100.9	7881.1	7636.8	7339.2
-32.5°	7712.8	7813.3	7878.7	7912.0	7878.7	7813.3	7712.8	7563.7	7364.7	7130.4	6856.6
-35°	7228.1	7329.1	7397.1	7431.5	7397.1	7329.1	7228.1	7084.1	6901.7	6692.0	6422.5
-37.5°	6732.5	6842.4	6914.3	6916.3	6914.3	6842.4	6732.5	6593.9	6420.9	6227.1	5986.2
-40°	6185.8	6272.9	6329.9	6352.7	6329.9	6272.9	6185.8	6070.2	5912.7	5734.0	5527.7
-42.5°	5637.3	5711.4	5757.6	5776.8	5757.6	5711.4	5637.3	5536.4	5400.0	5241.7	5066.1
-45°	5113.7	5188.4	5226.9	5221.2	5226.9	5188.4	5113.7	5019.2	4901.0	4760.8	4602.4
-47.5°	4601.5	4659.3	4690.9	4698.0	4690.9	4659.3	4601.5	4521.5	4417.5	4294.8	4157.3
-50°	4135.1	4196.5	4222.7	4215.3	4222.7	4196.5	4135.1	4059.3	3970.1	3864.1	3738.7
-52.5°	3711.1	3763.2	3785.9	3783.1	3785.9	3763.2	3711.1	3646.3	3567.7	3469.6	3359.8
-55°	3297.7	3342.8	3360.7	3357.7	3360.7	3342.8	3297.7	3240.0	3169.5	3079.4	2979.9
-57.5°	2878.2	2918.8	2930.8	2923.2	2930.8	2918.8	2878.2	2826.6	2764.4	2691.6	2612.2
-60°	2471.8	2505.1	2515.5	2511.2	2515.5	2505.1	2471.8	2429.4	2378.5	2322.1	2258.1
-62.5°	2101.4	2127.2	2137.8	2138.5	2137.8	2127.2	2101.4	2068.5	2028.5	1982.2	1928.0
-65°	1774.7	1793.8	1802.3	1804.0	1802.3	1793.8	1774.7	1749.7	1719.0	1680.7	1635.0
-67.5°	1499.3	1514.2	1519.4	1520.0	1519.4	1514.2	1499.3	1480.1	1456.2	1425.6	1386.9
-70°	1302.7	1319.4	1326.4	1330.3	1326.4	1319.4	1302.7	1283.9	1262.8	1236.4	1201.1
-72.5°	1181.3	1198.4	1206.4	1212.4	1206.4	1198.4	1181.3	1162.9	1143.2	1118.1	1079.0
-75°	1082.4	1100.6	1106.3	1109.1	1106.3	1100.6	1082.4	1062.9	1042.4	1016.8	973.5
-77.5°	909.4	919.2	922.8	923.9	922.8	919.2	909.4	897.7	884.1	866.4	830.9
-80°	680.0	685.1	694.8	702.7	694.8	685.1	680.0	672.9	663.9	652.0	626.0
-82.5°	414.3	415.2	420.9	425.5	420.9	415.2	414.3	412.1	408.6	403.4	392.8
-85°	201.5	203.3	208.0	212.2	208.0	203.3	201.5	199.2	196.4	193.2	190.8
-87.5°	73.1	73.9	73.5	73.0	73.5	73.9	73.1	72.2	71.2	70.1	69.5
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.5



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	20.8	20.0	19.1	18.8	18.6	18.3	18.0	16.6	15.2	13.7	12.3
87.5°	10.2	9.3	8.5	8.6	8.8	9.0	9.1	8.5	7.9	7.4	6.9
85°	19.5	18.4	17.2	17.3	17.4	17.3	17.2	16.8	16.1	15.4	14.4
82.5°	24.0	24.5	24.9	26.7	28.1	29.1	29.6	29.4	28.9	27.9	26.5
80°	28.8	30.5	32.4	36.0	39.1	41.9	44.0	44.8	45.2	45.1	43.6
77.5°	31.8	34.6	37.8	43.2	48.2	52.9	56.7	58.5	59.3	59.7	58.1
75°	31.0	34.3	38.8	46.1	53.1	59.9	64.8	67.8	70.2	72.0	70.2
72.5°	26.8	29.8	35.2	43.7	52.5	60.4	67.3	73.1	78.0	81.9	79.4
70°	21.6	23.8	28.7	36.6	45.0	53.8	63.0	72.4	82.1	88.8	84.8
67.5°	17.7	19.0	22.6	28.3	35.3	43.5	53.2	64.1	74.5	84.6	83.6
65°	15.3	16.3	18.5	22.1	26.9	32.8	40.4	49.8	61.1	72.6	74.2
62.5°	13.4	14.4	15.9	18.0	20.7	24.2	29.7	37.5	46.7	54.7	58.7
60°	11.8	12.4	13.4	14.7	16.4	18.6	22.4	27.4	33.8	40.4	44.5
57.5°	10.9	11.3	11.7	12.4	13.2	14.8	17.1	19.8	25.0	29.1	32.7
55°	10.0	10.5	10.9	11.1	11.4	12.3	13.5	15.5	18.5	20.9	25.1
52.5°	10.0	10.4	10.7	11.0	11.2	11.2	11.3	12.7	14.6	17.3	19.7
50°	10.1	10.5	10.8	11.1	11.3	11.3	11.2	11.2	12.9	15.0	17.0
47.5°	11.3	11.5	11.2	11.4	12.4	11.8	11.6	12.5	14.0	14.1	15.9
45°	14.9	15.4	13.9	15.8	16.7	16.0	13.7	16.8	17.7	17.3	15.6
42.5°	25.0	25.0	23.7	27.7	28.9	26.9	24.4	26.8	25.8	23.3	26.1
40°	43.5	41.6	43.2	47.5	48.8	45.7	46.5	43.4	40.5	34.2	44.5
37.5°	72.7	70.2	74.4	75.9	75.7	77.1	76.6	70.2	61.1	66.3	74.4
35°	116.8	113.9	118.5	116.4	111.8	123.5	119.8	105.3	98.1	106.2	111.6
32.5°	193.6	190.3	183.3	174.5	179.8	185.3	177.6	156.2	159.3	159.3	153.4
30°	312.9	298.6	273.8	274.9	284.7	268.9	248.9	256.4	245.8	224.0	202.5
27.5°	508.7	454.8	415.1	439.8	428.7	391.1	397.2	386.1	350.3	309.9	280.7
25°	816.7	724.2	704.3	690.5	635.9	624.6	627.8	575.6	490.8	432.0	472.0
22.5°	1238.8	1212.9	1134.6	1014.8	1039.8	1024.9	937.4	818.3	730.2	794.1	743.1
20°	2059.2	1965.8	1740.1	1789.4	1785.3	1528.3	1324.7	1340.8	1391.9	1280.5	1083.7
17.5°	3742.9	3283.3	3120.9	3153.7	2863.5	2338.4	2340.0	2365.0	2190.1	1864.8	1482.7
15°	6212.5	5776.1	5415.1	4967.2	4441.0	4107.7	3830.0	3570.0	3124.6	2568.1	2063.6
12.5°	9621.5	8753.3	7955.1	7252.2	6651.9	6081.6	5534.6	4948.9	4223.2	3529.1	2947.2
10°	13146.4	11873.3	10810.0	9810.9	8913.8	8108.9	7242.6	6350.7	5438.7	4573.8	3830.8
7.5°	16410.9	14969.5	13634.4	12239.9	10935.9	9848.0	8808.8	7735.4	6635.9	5607.8	4706.2
5°	19200.2	17416.6	15743.6	14150.0	12713.6	11507.8	10339.6	9096.9	7801.1	6618.6	5561.4
2.5°	21075.9	19290.5	17595.0	15880.5	14256.2	12878.6	11540.4	10118.4	8619.7	7225.5	6033.0
0°	22364.2	20373.9	18551.9	16669.3	14948.4	13596.8	12254.2	10812.8	9237.8	7707.7	6465.0
-2.5°	21756.5	19854.8	18157.2	16343.5	14643.3	13277.6	11969.9	10658.9	9114.1	7655.2	6456.8
-5°	20572.0	18707.6	17021.1	15324.3	13752.2	12500.3	11327.0	10170.2	8786.2	7488.5	6399.7
-7.5°	18685.7	17161.7	15688.9	14128.5	12673.1	11505.5	10423.1	9332.6	8114.1	6959.0	5966.3
-10°	16516.3	15230.5	13944.9	12615.1	11447.9	10442.9	9463.0	8466.7	7407.2	6397.1	5509.4
-12.5°	14400.7	13288.6	12131.7	10990.6	10098.0	9305.2	8500.3	7617.6	6679.8	5811.4	5042.0
-15°	12211.8	11527.5	10673.1	9668.2	8804.4	8202.8	7576.1	6856.1	6047.3	5256.2	4573.6
-17.5°	10899.9	10110.3	9408.1	8691.2	7948.7	7217.6	6717.2	6147.3	5488.9	4822.3	4210.7
-20°	9793.2	9168.2	8498.0	7882.1	7278.2	6660.2	6041.3	5490.1	4966.7	4423.4	3910.0



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8905.3	8377.2	7814.4	7214.5	6671.0	6150.8	5601.4	5026.6	4474.3	4034.4	3609.3
-25°	8174.2	7688.0	7214.2	6706.6	6162.9	5656.8	5178.9	4680.2	4168.7	3682.1	3316.1
-27.5°	7540.5	7127.3	6684.5	6232.0	5750.2	5251.5	4798.2	4352.6	3899.8	3462.1	3054.0
-30°	6998.5	6634.1	6233.0	5808.0	5379.7	4926.1	4467.0	4063.5	3660.8	3260.3	2879.8
-32.5°	6529.3	6210.4	5840.6	5437.8	5037.0	4633.1	4216.8	3792.9	3429.5	3077.3	2728.4
-35°	6137.6	5828.7	5472.2	5101.4	4734.2	4360.9	3969.4	3581.5	3222.8	2895.2	2574.6
-37.5°	5718.5	5436.8	5108.1	4768.9	4438.6	4093.2	3728.2	3372.1	3029.7	2723.2	2431.1
-40°	5281.1	5016.4	4740.9	4436.1	4128.4	3819.6	3485.2	3153.8	2846.5	2553.5	2284.6
-42.5°	4844.6	4610.9	4367.1	4088.7	3807.1	3528.6	3234.2	2937.9	2656.4	2389.8	2138.8
-45°	4415.4	4203.5	3978.5	3749.5	3496.5	3241.3	2982.2	2723.1	2469.5	2223.9	1986.1
-47.5°	3998.7	3813.4	3620.8	3424.0	3193.3	2959.8	2739.6	2512.8	2278.7	2050.6	1840.5
-50°	3600.2	3444.9	3275.8	3095.3	2897.3	2693.7	2497.2	2295.4	2084.8	1885.7	1691.2
-52.5°	3238.7	3094.2	2938.7	2774.8	2613.8	2439.7	2257.2	2081.8	1900.1	1717.5	1542.4
-55°	2871.7	2751.4	2621.9	2489.4	2352.3	2189.5	2028.2	1870.3	1710.2	1543.8	1397.0
-57.5°	2527.4	2429.9	2315.7	2196.8	2073.8	1937.8	1797.1	1654.4	1521.0	1384.2	1251.8
-60°	2185.9	2102.9	2007.9	1908.8	1806.2	1691.3	1574.0	1456.4	1338.9	1228.2	1116.1
-62.5°	1865.6	1794.8	1717.3	1639.7	1556.9	1465.3	1364.6	1269.2	1174.3	1078.1	985.7
-65°	1583.8	1527.0	1461.7	1397.3	1328.7	1255.4	1172.0	1093.8	1017.7	939.8	859.0
-67.5°	1342.0	1290.6	1235.0	1180.2	1127.1	1066.2	1000.9	934.3	872.3	808.2	740.5
-70°	1161.3	1116.9	1069.1	1017.0	964.1	909.4	856.6	802.9	744.8	691.1	639.8
-72.5°	1036.9	991.7	944.2	894.7	841.3	790.9	746.3	703.3	656.3	605.3	556.4
-75°	930.5	888.5	846.7	802.8	758.3	713.2	667.2	623.2	580.4	539.1	497.5
-77.5°	794.7	758.0	720.5	681.9	645.6	612.0	579.8	541.2	499.4	460.0	421.2
-80°	599.6	573.0	546.7	521.0	495.5	470.2	444.5	414.7	386.5	358.0	327.0
-82.5°	381.4	369.0	355.8	340.3	324.2	307.4	289.7	269.0	248.5	228.3	208.2
-85°	187.8	184.3	180.3	173.8	166.8	159.5	151.7	142.8	133.6	124.3	114.7
-87.5°	68.7	67.9	66.9	64.8	62.7	60.6	58.4	56.0	53.4	50.8	48.1
-90°	2.8	3.1	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.5



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	11.5	10.7	9.8	9.0	8.7	8.5	8.2	7.9	7.6	7.3	7.0
87.5°	7.5	8.1	8.6	9.0	8.4	7.8	7.3	6.9	7.0	7.0	7.0
85°	14.0	13.8	13.7	13.8	12.6	11.2	10.2	9.3	9.5	9.5	9.4
82.5°	23.8	22.1	20.7	19.7	19.0	17.9	16.4	14.6	13.0	12.1	11.9
80°	39.1	34.8	31.0	27.7	25.8	24.8	23.5	21.4	18.0	15.6	14.2
77.5°	52.5	47.2	42.3	37.3	33.1	30.0	28.1	26.9	22.9	19.0	16.3
75°	64.2	57.6	51.3	45.2	39.5	34.9	31.2	28.5	25.2	22.0	18.2
72.5°	72.2	65.3	58.9	52.1	44.6	38.4	33.6	30.0	26.5	23.1	19.8
70°	77.8	71.4	64.5	56.7	48.8	41.4	35.3	31.2	27.7	24.0	20.6
67.5°	81.4	74.1	67.5	60.4	52.3	44.2	36.7	32.1	28.6	25.0	21.3
65°	72.7	71.2	69.0	61.4	54.2	46.8	38.7	33.4	29.4	25.7	22.0
62.5°	61.7	63.0	61.9	60.1	54.5	47.4	40.7	35.3	30.3	26.4	22.6
60°	48.2	51.7	54.0	53.5	51.8	47.3	41.4	37.1	31.8	27.0	23.1
57.5°	37.3	40.8	44.5	46.7	46.3	44.6	41.6	37.7	33.1	28.0	23.7
55°	28.3	32.4	36.3	39.4	40.8	40.0	40.6	37.8	34.0	28.9	24.5
52.5°	22.7	26.1	29.7	33.2	35.4	36.2	37.8	37.9	34.0	29.6	25.5
50°	19.2	23.0	25.5	28.1	30.8	33.1	35.3	36.0	34.0	30.1	26.6
47.5°	19.2	22.9	24.4	24.7	27.0	30.5	33.0	34.2	33.8	30.0	27.7
45°	23.3	25.9	25.9	25.2	24.8	28.9	31.0	32.6	32.5	30.7	28.8
42.5°	31.3	33.3	31.0	26.8	29.5	28.3	29.2	31.1	31.4	31.5	29.6
40°	48.2	45.2	39.1	38.5	38.8	29.0	29.4	29.8	30.6	32.3	30.4
37.5°	70.1	63.8	53.4	56.9	52.9	40.8	30.6	28.7	31.4	32.9	31.3
35°	104.9	88.6	82.6	82.1	73.6	55.5	32.5	28.9	32.8	33.8	32.3
32.5°	146.6	132.0	125.8	112.5	98.1	73.1	42.4	34.5	34.9	34.9	33.3
30°	201.0	207.3	178.2	146.2	126.4	96.3	63.5	41.6	37.8	36.3	34.3
27.5°	309.4	299.3	242.7	193.8	158.1	125.0	99.5	50.0	41.3	38.2	35.4
25°	452.1	410.4	331.9	250.5	191.8	211.9	144.8	60.5	47.2	40.9	36.5
22.5°	644.7	541.9	432.1	312.3	323.1	322.1	207.4	94.9	54.8	44.0	37.9
20°	868.8	691.4	582.1	540.2	487.5	440.0	291.7	134.2	62.9	47.4	39.3
17.5°	1130.7	1017.8	958.1	818.7	677.6	568.6	388.6	177.3	71.5	51.0	40.7
15°	1761.3	1565.5	1376.6	1125.9	883.3	706.1	495.3	223.1	80.5	54.8	44.8
12.5°	2487.3	2138.2	1827.5	1455.2	1100.6	850.1	608.8	270.5	89.5	63.6	52.4
10°	3227.6	2728.0	2301.5	1799.2	1325.3	998.0	725.7	323.4	110.9	76.5	60.3
7.5°	3972.2	3326.2	2787.8	2149.8	1546.8	1142.7	849.5	386.5	134.3	89.5	68.3
5°	4650.5	3831.0	3182.6	2431.9	1731.5	1279.3	969.5	447.1	157.9	102.6	76.4
2.5°	5053.5	4176.1	3502.9	2690.0	1906.3	1410.0	1081.4	503.6	181.0	115.5	84.3
0°	5423.2	4497.1	3798.8	2927.7	2068.9	1533.5	1182.1	554.6	203.2	128.0	92.1
-2.5°	5394.0	4502.9	3791.5	2963.1	2142.2	1597.9	1225.8	617.0	264.9	172.8	121.6
-5°	5331.8	4481.9	3759.6	2976.0	2199.9	1652.3	1256.6	672.4	324.6	216.3	150.3
-7.5°	5056.6	4317.3	3655.8	2954.2	2241.6	1695.5	1276.1	720.8	381.3	258.1	177.9
-10°	4719.5	4060.6	3454.2	2811.9	2179.0	1690.8	1280.2	762.4	434.5	297.4	204.0
-12.5°	4370.9	3794.0	3245.3	2659.6	2090.9	1644.0	1240.5	779.4	481.3	333.8	228.1
-15°	4017.0	3522.0	3034.5	2500.8	1996.1	1591.1	1197.3	783.0	509.8	363.5	249.8
-17.5°	3682.0	3248.7	2826.4	2339.0	1896.6	1532.8	1153.0	783.1	534.6	386.2	268.8
-20°	3445.5	3022.9	2624.2	2177.6	1794.3	1470.1	1109.4	780.3	555.6	406.1	285.2



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3210.2	2832.8	2450.4	2042.2	1699.7	1403.9	1068.6	775.2	572.5	423.2	299.2
-25°	2973.0	2640.1	2287.2	1934.7	1617.2	1340.3	1041.2	768.3	585.3	437.3	310.8
-27.5°	2751.4	2450.1	2131.1	1826.8	1544.7	1286.2	1024.1	778.8	595.8	448.4	319.8
-30°	2537.9	2278.5	2001.8	1724.8	1469.2	1232.4	1007.4	785.0	606.3	457.1	326.0
-32.5°	2392.1	2121.3	1881.7	1637.0	1400.4	1175.8	975.6	785.8	612.7	463.0	331.6
-35°	2278.6	2004.1	1767.1	1547.6	1332.8	1125.9	936.1	781.3	615.0	465.1	335.2
-37.5°	2154.6	1902.1	1668.7	1463.1	1262.8	1071.6	901.6	755.7	613.3	463.4	336.2
-40°	2033.3	1795.5	1577.4	1384.4	1196.6	1013.2	863.4	729.0	607.6	458.0	334.6
-42.5°	1902.5	1686.6	1487.1	1303.5	1128.3	966.7	822.4	698.6	582.9	451.9	330.4
-45°	1774.0	1573.8	1392.3	1222.6	1058.9	916.6	784.4	664.6	553.4	443.8	324.0
-47.5°	1639.9	1462.4	1295.1	1136.1	999.2	864.5	742.1	628.5	521.5	432.0	315.5
-50°	1510.6	1348.5	1195.6	1056.5	931.3	812.6	696.5	589.5	492.0	406.4	304.1
-52.5°	1382.6	1235.2	1099.4	975.3	863.6	756.3	649.5	548.2	459.8	379.3	290.1
-55°	1254.5	1124.3	1003.3	895.1	793.6	698.1	599.5	508.2	425.0	350.8	273.6
-57.5°	1131.2	1012.6	911.2	814.8	722.6	635.8	549.0	465.2	389.7	320.6	256.0
-60°	1008.4	911.9	820.1	732.9	649.7	572.5	496.7	420.8	352.9	289.6	232.6
-62.5°	895.9	809.6	726.9	648.6	577.3	509.3	442.5	376.8	314.5	260.2	206.9
-65°	783.5	707.0	631.2	568.5	506.1	446.8	390.2	330.8	279.2	229.9	182.0
-67.5°	672.1	612.1	547.1	489.2	440.5	390.6	336.9	289.4	244.3	198.9	160.3
-70°	585.4	526.5	471.2	425.6	381.5	335.7	292.7	249.7	208.6	174.0	138.2
-72.5°	511.5	463.2	411.4	365.2	330.0	291.7	250.2	211.3	180.7	148.8	115.8
-75°	451.8	403.1	358.0	319.6	284.9	247.5	211.3	180.9	152.7	123.3	95.7
-77.5°	379.8	341.4	306.2	268.1	232.5	201.1	173.9	150.2	123.6	98.3	75.9
-80°	291.6	258.2	227.2	198.9	174.2	152.9	133.5	113.9	92.2	72.7	55.6
-82.5°	185.6	167.2	150.5	134.6	119.5	104.6	89.8	75.1	60.0	46.6	38.4
-85°	104.5	94.6	85.3	76.5	66.2	55.9	49.7	43.8	38.2	32.9	28.0
-87.5°	46.0	43.8	41.6	39.2	35.7	32.3	29.0	25.9	22.9	20.1	17.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.7	6.4	6.2	5.9	5.6	5.1	4.5
87.5°	6.8	6.3	5.8	5.3	5.0	4.7	4.5
85°	9.1	8.0	7.0	6.2	5.5	4.9	4.5
82.5°	11.4	9.8	8.3	7.0	6.0	5.1	4.5
80°	13.6	11.5	9.5	7.8	6.4	5.3	4.5
77.5°	14.6	12.8	10.7	8.6	6.9	5.5	4.5
75°	15.6	13.3	11.7	9.4	7.4	5.7	4.5
72.5°	16.5	13.8	11.9	10.2	7.8	5.8	4.5
70°	17.3	14.3	12.1	10.8	8.2	6.0	4.5
67.5°	18.0	14.7	12.2	10.8	8.7	6.2	4.5
65°	18.6	15.1	12.3	10.7	9.1	6.4	4.5
62.5°	19.3	15.7	12.3	10.6	9.4	6.5	4.5
60°	19.9	16.3	12.3	10.5	9.8	6.7	4.5
57.5°	20.7	16.9	12.8	10.3	9.7	6.8	4.5
55°	21.4	17.5	13.3	10.2	9.6	7.0	4.5
52.5°	22.3	18.1	13.8	10.0	9.6	7.1	4.5
50°	23.1	18.9	14.2	9.7	9.5	7.2	4.5
47.5°	24.0	19.6	14.7	9.6	9.4	7.3	4.5
45°	24.9	20.4	15.1	9.9	9.4	7.5	4.5
42.5°	25.9	21.2	15.5	10.2	9.4	7.6	4.5
40°	26.8	22.0	16.0	10.7	9.4	7.6	4.5
37.5°	27.7	22.8	16.6	11.3	9.4	7.7	4.5
35°	28.6	23.5	17.2	11.9	9.4	7.8	4.5
32.5°	29.4	24.2	17.7	12.5	9.4	7.9	4.5
30°	30.2	24.9	18.2	13.1	9.4	7.9	4.5
27.5°	31.0	25.5	19.4	13.7	9.4	8.0	4.5
25°	31.8	26.1	20.6	14.3	9.5	8.0	4.5
22.5°	32.6	27.0	21.8	14.9	9.5	8.0	4.5
20°	33.4	29.2	23.0	15.5	9.6	8.0	4.5
17.5°	36.2	31.4	24.2	16.0	9.7	8.1	4.5
15°	40.6	33.7	25.4	16.6	9.7	8.1	4.5
12.5°	45.2	36.0	26.5	17.1	9.8	8.1	4.5
10°	49.9	38.3	27.6	17.5	9.9	8.0	4.5
7.5°	54.6	40.6	28.7	18.0	9.9	8.0	4.5
5°	59.4	42.9	29.7	18.4	10.0	8.0	4.5
2.5°	64.0	45.0	30.6	18.8	10.0	7.9	4.5
0°	68.5	47.1	31.4	19.1	10.1	7.9	4.5
-2.5°	86.4	57.3	36.7	21.4	10.9	8.1	4.5
-5°	103.8	67.3	41.8	23.7	11.6	8.2	4.5
-7.5°	120.5	76.8	46.8	25.8	12.4	8.4	4.5
-10°	136.2	85.9	51.4	27.9	13.1	8.5	4.5
-12.5°	150.8	94.3	55.7	29.8	13.8	8.6	4.5
-15°	164.0	101.9	59.6	31.5	14.4	8.8	4.5
-17.5°	175.7	108.7	63.1	33.0	15.0	8.9	4.5
-20°	186.6	114.5	66.1	34.3	15.6	9.0	4.5



REPORT NUMBER: P1306083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	197.7	119.3	68.6	35.4	16.1	9.0	4.5
-25°	207.1	125.4	70.5	36.2	16.5	9.1	4.5
-27.5°	214.8	131.3	71.8	36.8	16.9	9.1	4.5
-30°	220.7	135.9	72.7	37.1	17.2	9.2	4.5
-32.5°	224.7	139.1	75.0	37.1	17.4	9.2	4.5
-35°	227.8	141.0	76.5	36.8	17.5	9.2	4.5
-37.5°	229.3	141.8	77.1	36.2	17.6	9.2	4.5
-40°	228.8	142.1	76.8	35.3	17.6	9.1	4.5
-42.5°	226.1	140.9	76.2	34.4	17.5	9.0	4.5
-45°	221.3	138.3	75.5	33.9	17.3	9.0	4.5
-47.5°	214.4	134.2	74.0	32.8	17.1	8.9	4.5
-50°	206.8	128.7	71.7	32.5	16.7	8.8	4.5
-52.5°	197.4	121.7	68.7	32.2	16.3	8.6	4.5
-55°	186.1	115.6	64.8	31.5	15.8	8.5	4.5
-57.5°	172.8	108.6	60.3	30.5	15.3	8.3	4.5
-60°	158.1	100.6	55.1	29.2	14.7	8.1	4.5
-62.5°	145.2	91.5	51.8	27.6	14.1	7.9	4.5
-65°	130.8	81.4	47.9	25.7	13.5	7.7	4.5
-67.5°	115.1	72.3	43.5	23.5	12.9	7.5	4.5
-70°	98.2	64.2	38.6	21.1	12.2	7.3	4.5
-72.5°	84.5	55.4	33.4	19.3	11.4	7.0	4.5
-75°	70.6	46.1	27.8	17.6	10.7	6.7	4.5
-77.5°	55.9	36.3	24.1	15.8	9.9	6.5	4.5
-80°	40.7	29.3	20.7	13.9	9.1	6.2	4.5
-82.5°	31.7	23.7	17.1	12.0	8.2	5.9	4.5
-85°	23.5	18.0	13.5	10.0	7.3	5.6	4.5
-87.5°	15.1	12.3	9.9	7.9	6.5	5.3	4.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5

(END OF REPORT)