

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: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-5S-CV5-A**

Issue Date: 2/3/2026

Test Information

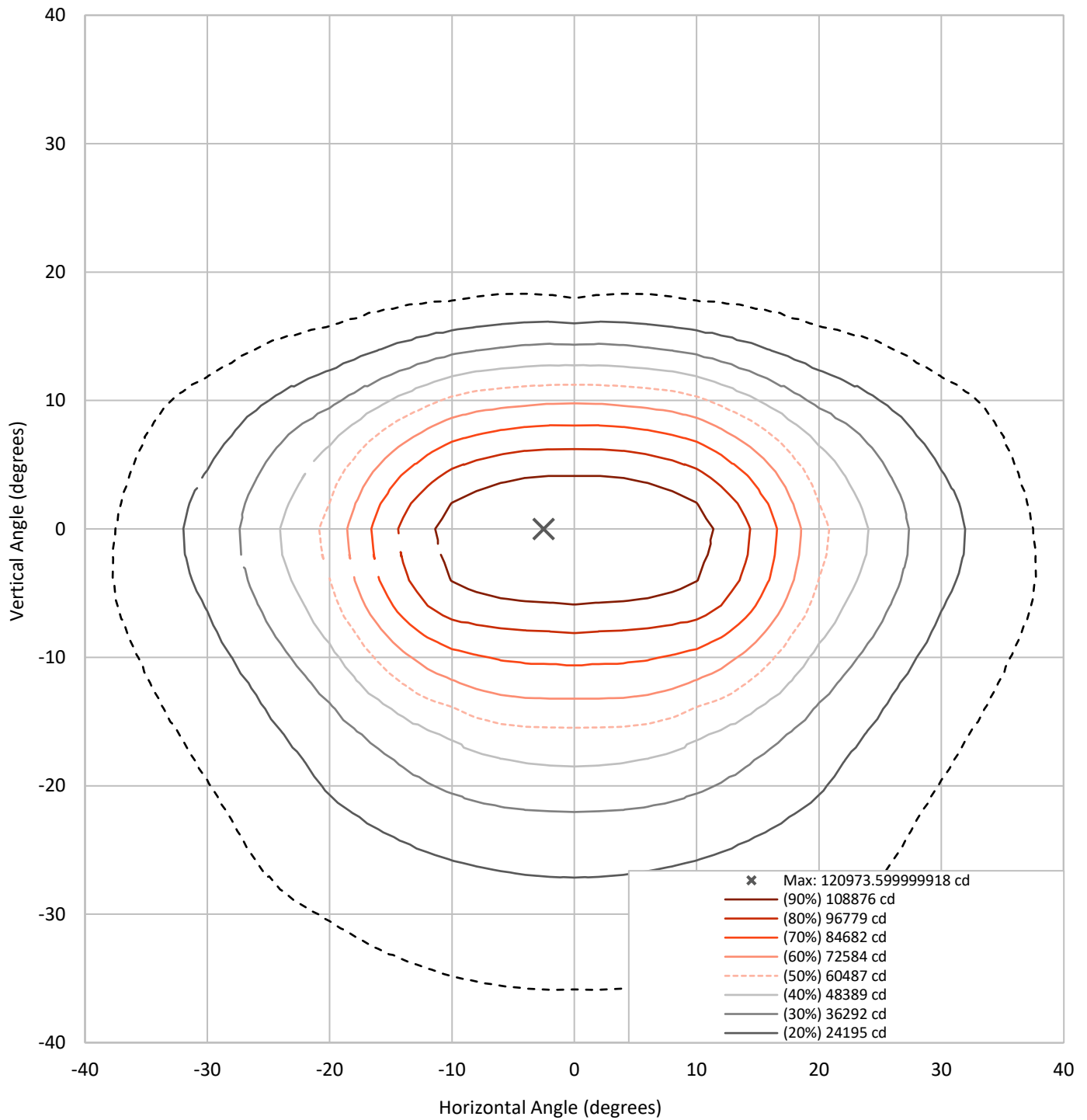
Test Method: LM-79-08
Report Number: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-5S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	47936.5 lumens	Max Intensity:	120973.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	74.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	23758.4 lumens	Field Lumens:	42971.5 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%
Input Watts (W):	648		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





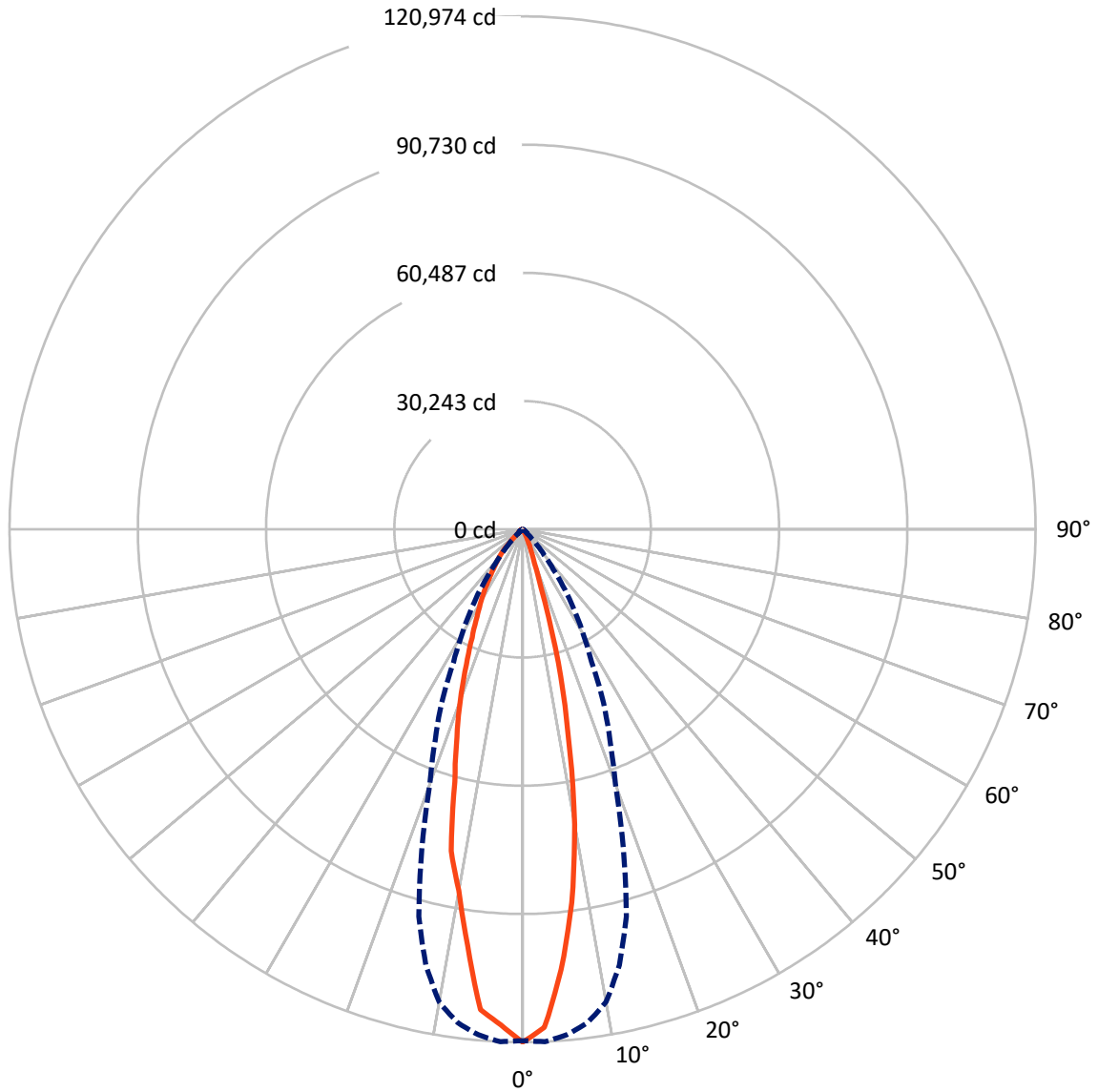
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Lumen Table

90	0.2	0.5	0.8	0.8	0.4	0.8	0.8	0.5	0.2									
80	0.2	0.5	0.8	0.8	0.4	0.8	0.8	0.5	0.2									
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.4	0.2	0.1	0.2		
60		0.1	0.3	0.7	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.7	0.3	0.1			
50	0.2	0.1	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.1	0.2		
40		0.2	0.5	0.8	1.8	4.0	6.2	8.5	8.5	6.2	4.0	1.8	0.8	0.5	0.2			
30	0.2	0.3	1.3	3.4	15.5	35.3	66.4	94.1	94.1	66.4	35.3	15.5	3.4	1.3	0.3	0.2		
20		0.8	4.7	21.0	121.8	323.6	664.8	984.3	984.3	664.8	323.6	121.8	21.0	4.7	0.8			
10	0.3	1.5	10.1	63.1	356.4	1015.4	2182.3	3006.1	3006.1	2182.3	1015.4	356.4	63.1	10.1	1.5	0.3		
0		2.1	12.4	78.1	407.0	1110.7	2439.7	3240.9	3240.9	2439.7	1110.7	407.0	78.1	12.4	2.1			
-10	0.4	2.2	11.1	50.0	258.8	667.4	1352.3	1883.0	1883.0	1352.3	667.4	258.8	50.0	11.1	2.2	0.4		
-20		2.1	9.3	23.3	136.2	381.3	666.5	862.5	862.5	666.5	381.3	136.2	23.3	9.3	2.1			
-30	0.3	1.6	6.9	15.2	45.5	173.6	309.7	394.6	394.6	309.7	173.6	45.5	15.2	6.9	1.6	0.3		
-40		1.0	4.4	11.3	20.6	37.3	81.9	120.3	120.3	81.9	37.3	20.6	11.3	4.4	1.0			
-50	0.2	0.5	2.1	6.0	12.1	19.1	24.6	27.6	27.6	24.6	19.1	12.1	6.0	2.1	0.5	0.2		
-60		0.2	0.8	2.1	4.3	7.1	10.2	11.9	11.9	10.2	7.1	4.3	2.1	0.8	0.2			
-70	0.2	0.5	2.1	6.0	12.1	19.1	24.6	27.6	27.6	24.6	19.1	12.1	6.0	2.1	0.5	0.2		
-80		0.2	0.8	2.1	4.3	7.1	10.2	11.9	11.9	10.2	7.1	4.3	2.1	0.8	0.2			
-90	0.2	0.7	2.2	5.7	7.7	5.7	2.2	0.7	0.2									

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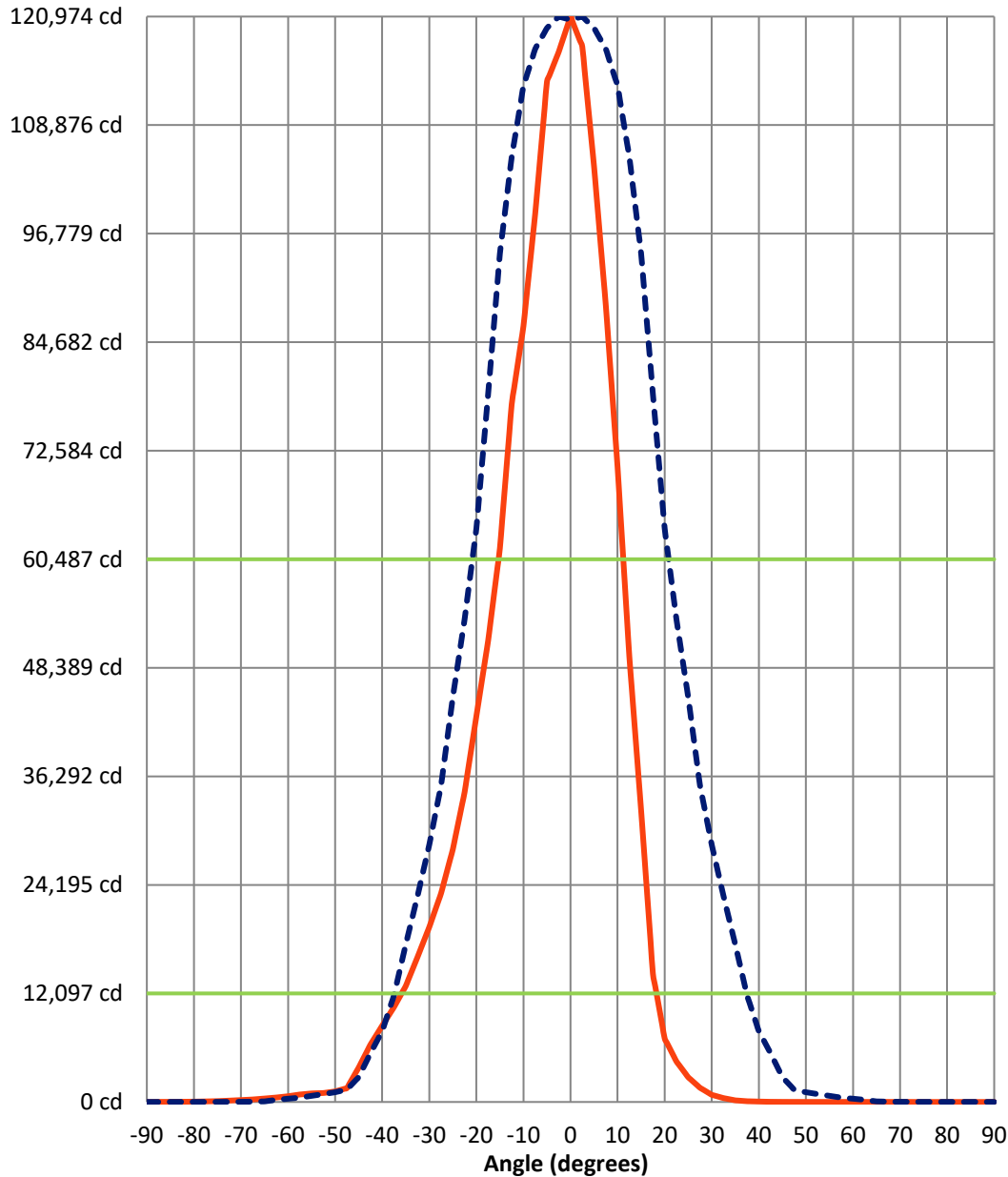
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.7°
 V Angle: 26.5°
 Lumens: 23758.4
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 42971.5
 Efficiency: 89.6%

Spill:
 Lumens: 4965
 Efficiency: 10.4%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.5	7.5	7.6	7.7	7.8	7.7	7.6	7.5	7.3
85°	7.3	7.4	7.6	7.8	8.0	8.1	8.3	8.2	8.0	7.7	7.3
82.5°	7.3	7.4	7.8	8.0	8.3	8.5	8.8	8.6	8.3	8.0	7.8
80°	7.3	7.5	7.9	8.3	8.6	8.9	9.2	8.9	8.6	8.5	8.6
77.5°	7.3	7.5	8.1	8.5	8.9	9.2	9.2	9.0	8.9	9.1	9.2
75°	7.3	7.5	8.2	8.8	9.2	9.2	9.2	9.1	9.2	9.2	9.2
72.5°	7.3	7.6	8.4	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2
70°	7.3	7.6	8.5	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
67.5°	7.3	7.6	8.6	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
65°	7.3	7.7	8.8	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
62.5°	7.3	7.7	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
60°	7.3	7.7	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
57.5°	7.3	7.7	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
55°	7.3	7.7	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
52.5°	7.3	7.8	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
50°	7.3	7.8	8.9	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.7
47.5°	7.3	7.8	8.9	9.2	9.2	9.2	9.2	9.4	9.2	9.2	10.3
45°	7.3	7.8	8.9	9.2	9.2	9.2	9.4	9.6	9.4	9.7	10.9
42.5°	7.3	7.8	8.9	9.2	9.2	9.2	9.5	9.8	9.6	10.2	11.6
40°	7.3	7.8	8.9	9.2	9.2	9.2	9.7	10.0	10.0	10.7	12.2
37.5°	7.3	7.8	8.9	9.2	9.2	9.2	10.0	10.3	10.6	11.5	12.6
35°	7.3	7.7	8.9	9.2	9.2	9.3	10.2	10.7	11.3	12.3	13.0
32.5°	7.3	7.7	8.9	9.2	9.2	9.5	10.5	11.0	11.9	13.1	14.2
30°	7.3	7.7	8.9	9.2	9.2	9.7	10.8	11.4	12.5	14.0	15.6
27.5°	7.3	7.7	9.0	9.2	9.2	9.9	11.1	12.0	13.2	15.0	17.2
25°	7.3	7.7	9.0	9.2	9.2	10.1	11.4	12.5	14.0	16.2	19.0
22.5°	7.3	7.6	9.0	9.2	9.2	10.3	11.7	13.0	14.8	17.6	22.3
20°	7.3	7.6	9.0	9.2	9.2	10.4	12.1	13.5	15.6	19.1	26.1
17.5°	7.3	7.6	9.1	9.2	9.2	10.6	12.3	13.9	16.4	20.7	30.2
15°	7.3	7.5	9.1	9.2	9.2	10.7	12.4	14.2	17.2	22.3	34.5
12.5°	7.3	7.5	9.1	9.2	9.2	10.8	12.5	14.4	17.8	23.9	39.0
10°	7.3	7.5	9.2	9.2	9.2	10.9	12.6	14.5	18.4	26.1	44.0
7.5°	7.3	7.4	9.2	9.2	9.2	10.9	12.7	14.6	18.9	28.4	49.9
5°	7.3	7.4	9.2	9.2	9.2	11.0	12.8	14.6	19.4	30.7	55.6
2.5°	7.3	7.3	9.2	9.2	9.2	11.0	12.8	14.7	19.8	32.9	61.1
0°	7.3	7.3	9.2	9.2	9.2	11.0	12.8	14.7	20.2	34.9	66.1
-2.5°	7.3	7.3	9.2	9.2	9.4	11.2	13.0	16.4	25.1	43.8	80.7
-5°	7.3	7.4	9.2	9.2	9.5	11.4	13.3	18.0	29.8	52.3	94.3
-7.5°	7.3	7.4	9.2	9.2	9.7	11.5	13.5	19.5	34.1	60.1	106.7
-10°	7.3	7.5	9.2	9.2	9.8	11.7	13.6	20.8	37.9	67.0	117.5
-12.5°	7.3	7.5	9.1	9.2	9.9	11.8	13.8	21.7	41.0	72.9	125.7
-15°	7.3	7.5	9.1	9.2	10.0	11.9	13.9	22.4	43.5	77.8	131.9
-17.5°	7.3	7.6	9.1	9.2	10.1	12.0	14.0	23.5	45.7	81.4	136.0
-20°	7.3	7.6	9.0	9.2	10.1	12.0	14.4	24.7	47.1	83.6	137.9



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 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.3	7.6	9.0	9.2	10.2	12.1	15.3	25.6	47.5	84.1	137.5
-25°	7.3	7.7	9.0	9.2	10.2	12.1	15.8	26.0	46.9	82.9	134.7
-27.5°	7.3	7.7	9.0	9.2	10.1	12.1	16.1	26.0	45.2	80.8	133.1
-30°	7.3	7.7	8.9	9.2	10.0	12.1	16.0	25.5	44.2	78.8	129.3
-32.5°	7.3	7.7	8.9	9.2	9.9	11.9	15.5	25.3	43.5	75.3	123.0
-35°	7.3	7.7	8.9	9.2	9.8	11.7	15.2	24.8	42.2	70.4	114.3
-37.5°	7.3	7.8	8.9	9.2	9.7	11.4	14.9	23.7	40.1	63.9	102.4
-40°	7.3	7.8	8.9	9.2	9.6	11.2	14.4	22.1	37.3	59.6	91.2
-42.5°	7.3	7.8	8.9	9.2	9.5	11.0	13.8	19.8	34.5	54.2	79.2
-45°	7.3	7.8	8.9	9.3	9.6	10.8	13.1	17.9	31.2	48.1	67.2
-47.5°	7.3	7.8	8.9	9.3	9.6	10.6	12.3	16.8	27.2	41.4	59.6
-50°	7.3	7.8	8.9	9.3	9.7	10.4	11.9	15.6	21.9	35.4	51.3
-52.5°	7.3	7.8	8.9	9.3	9.7	10.1	11.6	14.1	19.0	29.1	42.5
-55°	7.3	7.7	8.9	9.3	9.8	10.2	11.3	12.7	17.0	22.4	34.9
-57.5°	7.3	7.7	8.9	9.3	9.8	10.2	10.9	12.3	14.9	19.1	27.0
-60°	7.3	7.7	8.9	9.3	9.9	10.3	10.7	11.9	13.2	16.7	20.6
-62.5°	7.3	7.7	8.9	9.3	9.8	10.3	10.7	11.5	12.7	14.3	17.9
-65°	7.3	7.7	8.8	9.3	9.7	10.3	10.8	11.2	12.2	13.3	15.1
-67.5°	7.3	7.6	8.6	9.3	9.6	10.3	10.8	11.1	11.7	12.8	13.9
-70°	7.3	7.6	8.5	9.2	9.5	10.1	10.8	11.1	11.5	12.1	13.2
-72.5°	7.3	7.6	8.4	9.0	9.4	9.8	10.5	11.0	11.3	11.8	12.5
-75°	7.3	7.5	8.2	8.8	9.2	9.6	10.1	10.6	11.0	11.3	11.9
-77.5°	7.3	7.5	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.8	11.2
-80°	7.3	7.5	7.9	8.3	8.6	8.9	9.3	9.6	9.9	10.1	10.4
-82.5°	7.3	7.4	7.8	8.0	8.3	8.5	8.8	9.0	9.2	9.5	9.7
-85°	7.3	7.4	7.6	7.8	8.0	8.1	8.3	8.4	8.6	8.8	8.9
-87.5°	7.3	7.3	7.5	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3



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 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	7.9	7.8	7.6	7.3	7.3	7.3	7.3	7.5	7.6	7.6	7.5
80°	8.6	8.3	8.0	7.9	8.1	8.4	8.6	8.9	8.7	8.3	7.9
77.5°	8.9	8.8	8.8	8.9	9.2	9.2	9.2	9.2	8.9	8.4	7.9
75°	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.6	9.6	9.5	9.3
72.5°	9.2	9.2	9.2	9.2	9.2	9.5	10.0	10.6	11.0	10.9	10.8
70°	9.2	9.2	9.2	9.2	9.3	9.9	10.9	11.8	12.4	12.6	13.4
67.5°	9.2	9.2	9.2	9.3	10.0	11.0	11.9	13.7	15.9	16.9	18.0
65°	9.2	9.2	9.4	10.0	10.9	12.2	14.1	16.6	21.5	24.2	25.3
62.5°	9.2	9.3	9.8	10.7	11.8	13.5	17.1	22.5	29.4	33.4	33.0
60°	9.2	9.4	10.3	11.5	12.9	15.7	20.8	28.0	37.3	44.0	39.7
57.5°	9.2	9.8	11.1	12.7	14.8	17.2	23.9	32.8	42.0	52.1	44.5
55°	9.5	10.5	12.1	14.4	16.5	18.8	25.1	33.0	43.3	48.8	41.5
52.5°	10.2	11.3	13.7	15.9	17.9	19.4	22.3	29.9	35.4	39.4	35.4
50°	10.8	12.7	15.0	16.9	18.3	18.3	17.5	23.3	27.7	29.1	28.7
47.5°	11.8	14.0	15.7	17.3	17.6	17.2	15.5	18.2	21.3	22.7	21.7
45°	12.7	14.7	16.2	16.9	17.2	16.5	15.9	15.1	18.4	19.1	18.3
42.5°	13.5	15.2	16.4	16.6	17.3	17.7	17.6	17.0	17.4	17.9	17.7
40°	14.0	15.7	16.7	18.2	18.5	20.1	21.2	21.0	17.9	19.8	20.2
37.5°	14.4	16.2	18.2	21.9	21.4	24.0	25.9	28.6	26.1	24.5	27.4
35°	14.8	17.0	23.1	27.6	27.8	29.3	35.8	39.0	36.9	35.0	38.6
32.5°	15.4	17.9	29.5	34.3	36.9	39.5	48.6	50.3	51.9	52.9	55.8
30°	17.0	23.8	37.0	41.8	47.5	57.4	62.3	63.7	70.4	79.4	103.9
27.5°	20.5	31.6	44.1	51.5	60.6	77.5	83.8	84.7	95.8	119.3	178.1
25°	24.7	50.0	51.6	62.6	79.6	99.8	112.9	125.5	129.7	200.4	340.9
22.5°	34.7	73.6	82.0	74.5	99.8	125.8	153.7	189.2	243.0	324.5	532.8
20°	52.1	99.6	119.9	125.0	131.3	155.4	201.1	272.6	440.7	730.8	1007.6
17.5°	72.2	129.5	162.2	188.7	218.6	228.4	258.0	372.2	690.0	1310.1	2035.4
15°	94.4	162.5	207.9	260.0	315.3	357.7	419.7	598.1	1110.8	2110.1	3355.6
12.5°	117.8	197.9	256.2	337.2	419.0	494.9	611.2	992.7	1855.1	3241.2	5130.6
10°	141.9	234.7	306.1	418.4	527.7	637.6	809.8	1444.3	2735.3	4446.5	6747.6
7.5°	168.2	270.8	355.9	501.6	639.2	783.3	1011.5	1930.1	3646.7	5559.9	8148.3
5°	193.9	304.5	400.0	568.3	730.4	909.7	1194.6	2422.6	4551.1	6575.6	9418.2
2.5°	217.7	336.2	442.5	628.9	805.4	1002.1	1295.2	2625.8	5071.7	7325.2	10670.1
0°	238.6	365.2	482.6	684.5	875.3	1088.2	1383.6	2772.8	5429.9	7899.9	11891.2
-2.5°	247.7	376.3	502.5	701.4	872.5	1074.5	1384.1	2821.6	5736.9	8582.6	12507.8
-5°	253.2	384.1	518.4	712.4	865.5	1054.1	1370.6	2800.0	5787.4	8740.4	12264.2
-7.5°	255.6	388.6	529.7	714.8	847.8	1013.9	1309.3	2595.5	5238.8	8016.6	11122.0
-10°	254.9	387.4	525.1	692.4	815.6	960.2	1227.4	2326.0	4603.7	7199.6	9907.8
-12.5°	250.3	381.2	514.8	668.0	784.1	903.8	1133.3	1994.3	3907.5	6314.1	8745.7
-15°	243.7	372.5	501.1	642.4	755.0	845.9	1027.3	1602.5	3182.0	5519.8	7812.5
-17.5°	235.6	361.5	484.1	616.8	729.5	787.4	913.9	1210.6	2533.1	4668.9	6872.8
-20°	226.2	348.4	464.2	592.1	706.0	748.9	853.7	1091.4	2003.0	3720.7	5852.8



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	216.0	333.4	443.2	566.3	671.8	728.9	800.9	965.4	1428.3	2682.6	4751.3
-25°	209.8	317.4	422.9	532.3	637.9	709.8	746.8	844.4	1079.8	2024.2	3589.3
-27.5°	205.7	301.6	395.4	495.7	604.3	686.2	716.7	783.8	949.1	1341.3	2496.8
-30°	198.4	277.4	365.5	458.2	563.3	648.5	697.5	736.9	836.7	1051.5	1712.5
-32.5°	183.6	251.6	335.5	423.2	518.0	612.6	683.1	721.1	785.7	896.8	1118.8
-35°	166.2	230.3	304.8	385.9	471.2	568.4	651.2	714.0	744.6	821.2	963.4
-37.5°	150.0	207.5	272.7	348.6	428.7	518.2	614.9	685.7	736.3	771.5	873.0
-40°	132.3	183.2	244.5	312.3	385.7	467.8	557.5	645.1	712.5	770.9	816.1
-42.5°	113.8	162.0	216.5	274.8	344.0	418.2	497.5	584.8	671.6	750.6	811.7
-45°	99.5	139.1	187.9	242.2	301.2	368.0	440.9	517.2	607.7	698.6	777.7
-47.5°	84.5	116.8	160.8	207.6	260.4	319.1	383.0	454.7	531.3	619.0	711.8
-50°	70.2	99.2	131.6	174.7	220.5	271.4	327.9	390.7	459.4	532.3	613.0
-52.5°	60.0	80.8	109.1	141.7	182.3	225.8	275.1	329.1	388.5	450.6	516.1
-55°	49.1	66.9	87.3	114.2	145.3	183.1	224.4	271.6	319.2	374.4	424.5
-57.5°	39.2	53.7	69.9	89.3	114.6	142.2	178.5	216.1	258.8	301.9	338.9
-60°	29.9	41.7	55.3	70.1	86.5	110.2	134.6	165.9	200.5	233.6	265.3
-62.5°	21.4	31.0	42.1	54.1	67.5	81.2	101.2	123.3	145.2	173.0	198.6
-65°	18.4	22.0	30.0	40.2	50.4	63.3	75.9	87.9	106.4	124.4	141.2
-67.5°	15.2	18.2	21.7	26.7	36.0	46.5	57.0	68.3	78.9	88.2	98.6
-70°	14.0	14.6	16.9	20.2	24.2	30.8	40.2	49.5	58.7	67.5	75.8
-72.5°	13.2	13.7	14.2	14.6	17.9	22.4	27.2	32.4	38.8	45.9	53.2
-75°	12.3	12.8	13.2	13.6	14.6	16.3	18.7	22.8	26.8	30.4	33.7
-77.5°	11.5	11.9	12.2	12.5	13.2	14.3	15.7	17.3	19.3	21.4	23.7
-80°	10.7	11.0	11.3	11.5	11.9	12.5	13.2	14.0	15.2	16.8	18.5
-82.5°	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.4	11.9	12.6	13.4
-85°	9.1	9.2	9.3	9.5	9.6	9.7	9.8	9.9	10.1	10.2	10.3
-87.5°	8.2	8.2	8.3	8.4	8.5	8.5	8.6	8.6	8.7	8.8	8.8
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.3	7.8	8.3	8.7	9.2	10.6	11.9	13.3	14.7	14.2	13.7
87.5°	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.2	3.7	3.2	2.8
85°	7.3	7.2	7.1	7.0	7.0	6.6	6.2	5.8	5.4	4.5	3.6
82.5°	7.3	7.3	7.3	7.3	7.3	6.9	6.4	6.0	5.5	4.6	3.7
80°	7.4	7.3	7.3	7.3	7.3	6.9	6.5	6.0	5.5	4.6	3.7
77.5°	7.6	7.6	7.6	7.5	7.4	6.9	6.5	6.0	5.6	4.7	3.7
75°	9.2	9.0	8.6	8.1	7.5	7.0	6.5	6.1	5.6	5.1	4.6
72.5°	10.7	10.3	9.8	9.5	9.0	8.6	8.2	7.7	7.1	6.6	6.3
70°	14.1	14.5	14.1	13.4	12.3	11.2	10.5	9.8	9.0	8.3	7.4
67.5°	19.1	19.1	18.1	16.6	14.5	12.5	11.5	10.6	9.6	9.1	9.0
65°	25.0	22.8	20.5	18.0	15.3	12.6	11.7	10.7	9.7	9.2	9.2
62.5°	30.5	24.7	19.8	16.8	14.5	12.6	11.3	10.0	8.7	7.8	7.6
60°	32.8	23.4	16.8	14.6	12.8	11.2	9.9	8.8	7.9	7.2	6.8
57.5°	32.9	22.2	14.1	12.3	10.8	9.6	8.9	8.3	7.8	7.3	6.7
55°	29.9	19.7	11.7	10.5	10.0	9.5	9.0	8.4	7.9	7.3	6.8
52.5°	24.4	17.4	12.4	10.7	10.2	9.7	9.1	8.6	8.0	7.4	6.9
50°	21.2	15.9	12.6	10.9	10.3	9.8	9.3	9.1	9.0	8.7	8.3
47.5°	18.3	14.5	12.5	11.1	10.9	11.6	12.2	12.3	12.1	11.7	11.2
45°	16.1	14.0	13.0	13.6	14.2	15.3	15.9	16.0	16.0	16.1	16.0
42.5°	15.9	16.1	17.1	19.0	18.8	21.2	22.3	19.8	22.6	24.2	22.8
40°	21.1	21.7	26.7	30.8	34.6	35.2	41.2	42.0	42.8	45.3	45.8
37.5°	30.9	36.3	52.0	63.8	68.7	69.1	77.8	79.5	77.1	87.6	90.7
35°	47.3	71.9	97.2	111.9	120.1	126.3	138.1	151.6	145.2	168.5	176.7
32.5°	85.0	129.8	175.9	174.2	189.8	231.6	247.2	271.8	297.5	336.9	380.0
30°	142.9	263.9	317.3	297.8	341.9	401.6	402.1	470.7	566.4	647.6	769.9
27.5°	322.0	457.4	527.3	558.6	591.9	667.4	760.9	848.2	1091.6	1258.0	1432.9
25°	546.6	733.6	808.5	924.6	1029.9	1099.9	1382.7	1589.0	1938.8	2192.7	2455.5
22.5°	881.3	1128.7	1283.6	1388.6	1743.7	2059.4	2361.5	2810.9	3158.2	3593.8	3922.0
20°	1300.5	1634.6	2203.4	2649.9	2872.9	3543.5	4089.8	4554.2	5170.4	5710.5	6191.0
17.5°	2453.9	2641.6	3830.3	4993.4	5463.6	6330.8	7901.4	8494.0	10268.0	11566.9	12268.4
15°	4443.3	5350.9	6602.9	8542.1	10693.4	12392.8	13881.6	16930.5	20315.3	23315.7	26474.7
12.5°	7026.2	8801.2	10908.1	13280.4	17156.4	20232.0	23526.4	27883.7	33351.5	38110.3	43708.8
10°	9613.7	12612.9	15525.4	19221.9	24117.8	28866.6	33611.6	40512.8	48544.6	56256.1	62923.6
7.5°	11753.1	15819.1	19766.1	24876.5	31545.1	38161.4	44793.3	53921.1	64543.6	73344.6	80910.6
5°	13930.6	19022.7	23652.7	29546.3	37395.0	45453.2	53752.5	65134.1	77681.1	87646.8	95453.1
2.5°	15930.1	21700.1	27059.1	33630.8	42371.1	50255.3	59702.6	73674.9	88625.5	99376.5	107982.2
0°	17545.0	22952.9	28678.3	35291.9	45105.8	53796.6	63920.7	78903.9	94547.8	105289.3	113230.6
-2.5°	17197.4	22667.3	28020.4	34739.8	44592.3	52593.4	62842.7	77584.7	93040.9	103954.1	111086.6
-5°	16112.2	20953.5	25759.9	32070.5	40734.5	48531.0	58568.3	73721.8	88547.6	99676.3	107883.3
-7.5°	14507.5	18618.1	22977.5	28727.8	36269.5	43727.6	52457.7	64534.4	78371.9	88438.3	94386.9
-10°	12818.2	16221.5	20304.1	25163.7	31387.9	38086.6	45336.8	55011.1	66835.0	75662.9	81306.2
-12.5°	11337.3	14286.1	17928.1	21522.3	26600.5	32566.6	39004.6	46921.2	54723.3	64032.4	68911.3
-15°	9973.3	12431.1	15560.7	19006.8	23226.8	27915.8	32528.8	38456.4	43537.1	49352.0	53576.7
-17.5°	8832.0	10794.9	13567.9	16907.5	20085.1	24122.8	28524.9	32540.2	36835.7	41033.3	44536.7
-20°	7800.6	9420.2	11784.6	14724.9	17855.6	21289.2	25173.7	28442.1	31952.1	35141.8	37882.0



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6628.4	8270.7	10101.9	12617.7	15752.9	18831.2	21707.7	24177.8	26830.1	29407.6	31353.4
-25°	5408.5	6984.8	8737.9	11112.1	13680.5	16270.6	18307.8	20046.8	22117.2	23974.5	25644.3
-27.5°	4147.1	5827.6	7718.5	9701.6	11935.6	13581.6	15296.0	16868.7	18442.2	19691.8	21102.0
-30°	2883.1	4716.8	6576.5	8453.5	9983.7	11297.6	12576.2	14018.5	15442.2	16629.9	17625.2
-32.5°	1979.9	3302.6	5179.2	6924.7	8232.7	9349.3	10336.9	11566.8	12670.0	13647.5	14518.3
-35°	1189.1	2121.0	3409.6	5068.4	6499.5	7586.0	8591.8	9524.4	10348.0	11171.2	11826.2
-37.5°	1018.7	1225.1	2006.7	3109.7	4471.7	5786.5	6820.0	7692.9	8460.2	9094.2	9650.1
-40°	917.4	1039.4	1210.3	1586.6	2589.5	3593.6	4721.6	5716.5	6525.9	7121.4	7605.1
-42.5°	857.5	935.8	1019.4	1153.4	1302.5	1779.1	2642.1	3466.5	4177.8	4837.4	5403.7
-45°	847.4	880.5	925.5	1001.0	1069.8	1193.4	1328.2	1460.0	2019.5	2549.8	2984.8
-47.5°	783.9	851.4	892.7	926.6	962.6	1021.0	1078.0	1139.1	1240.8	1336.3	1418.3
-50°	691.2	764.0	826.3	887.3	919.3	943.0	966.5	996.8	1036.5	1072.8	1106.1
-52.5°	577.6	647.6	717.6	782.5	833.3	880.0	922.0	941.6	956.6	970.1	980.8
-55°	476.7	532.0	587.1	646.5	705.1	760.9	809.2	841.0	869.7	895.1	916.8
-57.5°	381.6	424.6	469.5	517.8	564.7	609.7	652.7	691.8	726.6	756.9	782.3
-60°	295.6	324.6	362.1	400.4	436.9	471.4	506.3	537.9	566.6	591.8	611.5
-62.5°	221.9	245.9	274.4	301.4	325.4	351.2	383.6	410.9	433.2	451.3	467.1
-65°	159.4	179.5	202.4	225.0	247.2	269.3	292.0	313.9	334.8	351.5	363.3
-67.5°	113.1	127.4	143.5	157.5	174.1	193.5	214.0	232.9	250.0	261.8	269.0
-70°	83.4	91.8	103.4	116.9	130.8	143.6	156.7	169.8	182.6	191.8	198.6
-72.5°	60.8	69.1	77.7	86.3	95.7	105.2	114.7	124.4	134.1	140.1	144.3
-75°	36.8	41.7	49.2	56.4	63.5	70.1	76.3	82.1	87.6	90.4	92.2
-77.5°	26.4	29.9	33.6	37.3	41.2	45.1	49.0	52.9	56.7	58.5	59.8
-80°	20.2	22.1	24.2	26.4	28.6	31.0	33.4	35.8	38.2	38.6	38.6
-82.5°	14.3	15.7	17.2	18.5	19.9	21.2	22.5	23.7	24.9	25.2	25.4
-85°	10.3	11.2	12.1	13.0	14.0	15.0	16.0	17.0	18.0	18.1	18.2
-87.5°	8.9	9.4	9.8	10.3	10.8	11.4	11.9	12.4	12.9	12.8	12.8
-90°	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.2	3.7	3.2	2.8



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	13.3	12.8	12.8	12.8	12.8	12.8	13.3	13.7	14.2	14.7	13.3
87.5°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.8	3.2	3.7	4.2
85°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.6	4.5	5.4	5.8
82.5°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.7	4.6	5.5	6.0
80°	2.8	1.8	1.8	1.8	1.8	1.8	2.8	3.7	4.6	5.5	6.0
77.5°	2.8	1.8	1.8	1.8	1.8	1.8	2.8	3.7	4.7	5.6	6.0
75°	4.1	3.7	2.8	1.8	2.8	3.7	4.1	4.6	5.1	5.6	6.1
72.5°	5.9	5.5	5.5	5.5	5.5	5.5	5.9	6.3	6.6	7.1	7.7
70°	6.6	5.6	5.5	5.5	5.5	5.6	6.6	7.4	8.3	9.0	9.8
67.5°	9.0	9.1	8.3	7.3	8.3	9.1	9.0	9.0	9.1	9.6	10.6
65°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.7	10.7
62.5°	7.5	7.4	7.3	7.3	7.3	7.4	7.5	7.6	7.8	8.7	10.0
60°	6.3	5.7	5.5	5.5	5.5	5.7	6.3	6.8	7.2	7.9	8.8
57.5°	6.2	5.7	5.5	5.5	5.5	5.7	6.2	6.7	7.3	7.8	8.3
55°	6.2	5.7	5.5	5.5	5.5	5.7	6.2	6.8	7.3	7.9	8.4
52.5°	6.3	5.7	6.2	7.3	6.2	5.7	6.3	6.9	7.4	8.0	8.6
50°	7.9	7.5	7.3	7.3	7.3	7.5	7.9	8.3	8.7	9.0	9.1
47.5°	10.5	9.7	9.2	9.2	9.2	9.7	10.5	11.2	11.7	12.1	12.3
45°	15.0	13.6	12.7	12.8	12.7	13.6	15.0	16.0	16.1	16.0	16.0
42.5°	22.5	22.0	21.8	22.0	21.8	22.0	22.5	22.8	24.2	22.6	19.8
40°	48.3	49.0	48.8	49.5	48.8	49.0	48.3	45.8	45.3	42.8	42.0
37.5°	91.0	88.0	83.4	84.4	83.4	88.0	91.0	90.7	87.6	77.1	79.5
35°	177.7	182.2	181.9	183.5	181.9	182.2	177.7	176.7	168.5	145.2	151.6
32.5°	411.1	432.9	433.4	442.2	433.4	432.9	411.1	380.0	336.9	297.5	271.8
30°	807.7	825.1	798.9	811.1	798.9	825.1	807.7	769.9	647.6	566.4	470.7
27.5°	1523.8	1588.0	1587.3	1559.8	1587.3	1588.0	1523.8	1432.9	1258.0	1091.6	848.2
25°	2676.6	2775.8	2757.5	2725.1	2757.5	2775.8	2676.6	2455.5	2192.7	1938.8	1589.0
22.5°	4220.1	4384.0	4515.2	4429.8	4515.2	4384.0	4220.1	3922.0	3593.8	3158.2	2810.9
20°	6897.7	6944.5	7083.8	7033.8	7083.8	6944.5	6897.7	6191.0	5710.5	5170.4	4554.2
17.5°	14168.9	14677.2	14323.6	13247.3	14323.6	14677.2	14168.9	12268.4	11566.9	10268.0	8494.0
15°	28693.6	30824.2	32478.5	31570.4	32478.5	30824.2	28693.6	26474.7	23315.7	20315.3	16930.5
12.5°	46989.7	48561.7	49613.4	49690.7	49613.4	48561.7	46989.7	43708.8	38110.3	33351.5	27883.7
10°	67445.0	68834.0	70694.7	70956.3	70694.7	68834.0	67445.0	62923.6	56256.1	48544.6	40512.8
7.5°	84665.6	87482.4	88786.7	88611.4	88786.7	87482.4	84665.6	80910.6	73344.6	64543.6	53921.1
5°	100066.5	102984.8	104263.1	104475.5	104263.1	102984.8	100066.5	95453.1	87646.8	77681.1	65134.1
2.5°	113137.1	116083.4	117619.2	117198.0	117619.2	116083.4	113137.1	107982.2	99376.5	88625.5	73674.9
0°	117365.8	119686.3	120973.6	120620.3	120973.6	119686.3	117365.8	113230.6	105289.3	94547.8	78903.9
-2.5°	114677.7	116075.9	117046.0	116671.3	117046.0	116075.9	114677.7	111086.6	103954.1	93040.9	77584.7
-5°	111698.6	113357.7	113720.6	114164.6	113720.6	113357.7	111698.6	107883.3	99676.3	88547.6	73721.8
-7.5°	96649.7	98424.5	99010.7	99898.8	99010.7	98424.5	96649.7	94386.9	88438.3	78371.9	64534.4
-10°	84377.0	86367.6	86463.5	87011.2	86463.5	86367.6	84377.0	81306.2	75662.9	66835.0	55011.1
-12.5°	74097.0	76836.3	77745.1	77527.7	77745.1	76836.3	74097.0	68911.3	64032.4	54723.3	46921.2
-15°	59201.2	61541.2	61708.2	61817.7	61708.2	61541.2	59201.2	53576.7	49352.0	43537.1	38456.4
-17.5°	48254.3	50528.2	51404.8	51677.1	51404.8	50528.2	48254.3	44536.7	41033.3	36835.7	32540.2
-20°	40234.3	41927.1	42997.8	43441.4	42997.8	41927.1	40234.3	37882.0	35141.8	31952.1	28442.1



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	33054.1	34127.2	34518.5	34616.6	34518.5	34127.2	33054.1	31353.4	29407.6	26830.1	24177.8
-25°	26817.2	27669.6	28165.1	28371.9	28165.1	27669.6	26817.2	25644.3	23974.5	22117.2	20046.8
-27.5°	22016.6	22775.1	23252.1	23325.5	23252.1	22775.1	22016.6	21102.0	19691.8	18442.2	16868.7
-30°	18387.2	19053.4	19499.2	19620.5	19499.2	19053.4	18387.2	17625.2	16629.9	15442.2	14018.5
-32.5°	15235.7	15805.9	16155.6	16306.3	16155.6	15805.9	15235.7	14518.3	13647.5	12670.0	11566.8
-35°	12315.2	12698.5	12922.5	12849.1	12922.5	12698.5	12315.2	11826.2	11171.2	10348.0	9524.4
-37.5°	10095.8	10404.1	10572.0	10581.0	10572.0	10404.1	10095.8	9650.1	9094.2	8460.2	7692.9
-40°	8005.7	8318.9	8507.7	8518.3	8507.7	8318.9	8005.7	7605.1	7121.4	6525.9	5716.5
-42.5°	5854.1	6174.8	6393.9	6536.5	6393.9	6174.8	5854.1	5403.7	4837.4	4177.8	3466.5
-45°	3347.7	3624.8	3836.1	3989.4	3836.1	3624.8	3347.7	2984.8	2549.8	2019.5	1460.0
-47.5°	1479.5	1524.5	1544.1	1537.8	1544.1	1524.5	1479.5	1418.3	1336.3	1240.8	1139.1
-50°	1136.7	1163.3	1176.6	1176.3	1176.6	1163.3	1136.7	1106.1	1072.8	1036.5	996.8
-52.5°	989.3	996.0	1000.0	1001.9	1000.0	996.0	989.3	980.8	970.1	956.6	941.6
-55°	934.6	948.7	953.9	952.4	953.9	948.7	934.6	916.8	895.1	869.7	841.0
-57.5°	803.9	821.2	832.7	838.6	832.7	821.2	803.9	782.3	756.9	726.6	691.8
-60°	626.3	636.6	643.0	645.9	643.0	636.6	626.3	611.5	591.8	566.6	537.9
-62.5°	481.0	492.8	498.7	501.0	498.7	492.8	481.0	467.1	451.3	433.2	410.9
-65°	373.6	382.2	386.9	389.0	386.9	382.2	373.6	363.3	351.5	334.8	313.9
-67.5°	274.4	278.3	280.2	280.8	280.2	278.3	274.4	269.0	261.8	250.0	232.9
-70°	204.9	210.6	214.1	216.5	214.1	210.6	204.9	198.6	191.8	182.6	169.8
-72.5°	147.8	150.6	152.8	154.1	152.8	150.6	147.8	144.3	140.1	134.1	124.4
-75°	93.6	94.6	95.2	95.4	95.2	94.6	93.6	92.2	90.4	87.6	82.1
-77.5°	60.9	61.9	63.2	64.2	63.2	61.9	60.9	59.8	58.5	56.7	52.9
-80°	38.5	38.3	38.5	38.5	38.5	38.3	38.5	38.6	38.6	38.2	35.8
-82.5°	25.5	25.6	25.7	25.7	25.7	25.6	25.5	25.4	25.2	24.9	23.7
-85°	18.3	18.4	18.4	18.4	18.4	18.4	18.3	18.2	18.1	18.0	17.0
-87.5°	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.4
-90°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.8	3.2	3.7	4.2



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.9	10.6	9.2	8.7	8.3	7.8	7.3	7.3	7.3	7.3	7.3
87.5°	4.6	5.1	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3
85°	6.2	6.6	7.0	7.0	7.1	7.2	7.3	7.3	7.3	7.3	7.3
82.5°	6.4	6.9	7.3	7.3	7.3	7.3	7.3	7.5	7.6	7.6	7.5
80°	6.5	6.9	7.3	7.3	7.3	7.3	7.4	7.9	8.3	8.7	8.9
77.5°	6.5	6.9	7.4	7.5	7.6	7.6	7.6	7.9	8.4	8.9	9.2
75°	6.5	7.0	7.5	8.1	8.6	9.0	9.2	9.3	9.5	9.6	9.6
72.5°	8.2	8.6	9.0	9.5	9.8	10.3	10.7	10.8	10.9	11.0	10.6
70°	10.5	11.2	12.3	13.4	14.1	14.5	14.1	13.4	12.6	12.4	11.8
67.5°	11.5	12.5	14.5	16.6	18.1	19.1	19.1	18.0	16.9	15.9	13.7
65°	11.7	12.6	15.3	18.0	20.5	22.8	25.0	25.3	24.2	21.5	16.6
62.5°	11.3	12.6	14.5	16.8	19.8	24.7	30.5	33.0	33.4	29.4	22.5
60°	9.9	11.2	12.8	14.6	16.8	23.4	32.8	39.7	44.0	37.3	28.0
57.5°	8.9	9.6	10.8	12.3	14.1	22.2	32.9	44.5	52.1	42.0	32.8
55°	9.0	9.5	10.0	10.5	11.7	19.7	29.9	41.5	48.8	43.3	33.0
52.5°	9.1	9.7	10.2	10.7	12.4	17.4	24.4	35.4	39.4	35.4	29.9
50°	9.3	9.8	10.3	10.9	12.6	15.9	21.2	28.7	29.1	27.7	23.3
47.5°	12.2	11.6	10.9	11.1	12.5	14.5	18.3	21.7	22.7	21.3	18.2
45°	15.9	15.3	14.2	13.6	13.0	14.0	16.1	18.3	19.1	18.4	15.1
42.5°	22.3	21.2	18.8	19.0	17.1	16.1	15.9	17.7	17.9	17.4	17.0
40°	41.2	35.2	34.6	30.8	26.7	21.7	21.1	20.2	19.8	17.9	21.0
37.5°	77.8	69.1	68.7	63.8	52.0	36.3	30.9	27.4	24.5	26.1	28.6
35°	138.1	126.3	120.1	111.9	97.2	71.9	47.3	38.6	35.0	36.9	39.0
32.5°	247.2	231.6	189.8	174.2	175.9	129.8	85.0	55.8	52.9	51.9	50.3
30°	402.1	401.6	341.9	297.8	317.3	263.9	142.9	103.9	79.4	70.4	63.7
27.5°	760.9	667.4	591.9	558.6	527.3	457.4	322.0	178.1	119.3	95.8	84.7
25°	1382.7	1099.9	1029.9	924.6	808.5	733.6	546.6	340.9	200.4	129.7	125.5
22.5°	2361.5	2059.4	1743.7	1388.6	1283.6	1128.7	881.3	532.8	324.5	243.0	189.2
20°	4089.8	3543.5	2872.9	2649.9	2203.4	1634.6	1300.5	1007.6	730.8	440.7	272.6
17.5°	7901.4	6330.8	5463.6	4993.4	3830.3	2641.6	2453.9	2035.4	1310.1	690.0	372.2
15°	13881.6	12392.8	10693.4	8542.1	6602.9	5350.9	4443.3	3355.6	2110.1	1110.8	598.1
12.5°	23526.4	20232.0	17156.4	13280.4	10908.1	8801.2	7026.2	5130.6	3241.2	1855.1	992.7
10°	33611.6	28866.6	24117.8	19221.9	15525.4	12612.9	9613.7	6747.6	4446.5	2735.3	1444.3
7.5°	44793.3	38161.4	31545.1	24876.5	19766.1	15819.1	11753.1	8148.3	5559.9	3646.7	1930.1
5°	53752.5	45453.2	37395.0	29546.3	23652.7	19022.7	13930.6	9418.2	6575.6	4551.1	2422.6
2.5°	59702.6	50255.3	42371.1	33630.8	27059.1	21700.1	15930.1	10670.1	7325.2	5071.7	2625.8
0°	63920.7	53796.6	45105.8	35291.9	28678.3	22952.9	17545.0	11891.2	7899.9	5429.9	2772.8
-2.5°	62842.7	52593.4	44592.3	34739.8	28020.4	22667.3	17197.4	12507.8	8582.6	5736.9	2821.6
-5°	58568.3	48531.0	40734.5	32070.5	25759.9	20953.5	16112.2	12264.2	8740.4	5787.4	2800.0
-7.5°	52457.7	43727.6	36269.5	28727.8	22977.5	18618.1	14507.5	11122.0	8016.6	5238.8	2595.5
-10°	45336.8	38086.6	31387.9	25163.7	20304.1	16221.5	12818.2	9907.8	7199.6	4603.7	2326.0
-12.5°	39004.6	32566.6	26600.5	21522.3	17928.1	14286.1	11337.3	8745.7	6314.1	3907.5	1994.3
-15°	32528.8	27915.8	23226.8	19006.8	15560.7	12431.1	9973.3	7812.5	5519.8	3182.0	1602.5
-17.5°	28524.9	24122.8	20085.1	16907.5	13567.9	10794.9	8832.0	6872.8	4668.9	2533.1	1210.6
-20°	25173.7	21289.2	17855.6	14724.9	11784.6	9420.2	7800.6	5852.8	3720.7	2003.0	1091.4



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21707.7	18831.2	15752.9	12617.7	10101.9	8270.7	6628.4	4751.3	2682.6	1428.3	965.4
-25°	18307.8	16270.6	13680.5	11112.1	8737.9	6984.8	5408.5	3589.3	2024.2	1079.8	844.4
-27.5°	15296.0	13581.6	11935.6	9701.6	7718.5	5827.6	4147.1	2496.8	1341.3	949.1	783.8
-30°	12576.2	11297.6	9983.7	8453.5	6576.5	4716.8	2883.1	1712.5	1051.5	836.7	736.9
-32.5°	10336.9	9349.3	8232.7	6924.7	5179.2	3302.6	1979.9	1118.8	896.8	785.7	721.1
-35°	8591.8	7586.0	6499.5	5068.4	3409.6	2121.0	1189.1	963.4	821.2	744.6	714.0
-37.5°	6820.0	5786.5	4471.7	3109.7	2006.7	1225.1	1018.7	873.0	771.5	736.3	685.7
-40°	4721.6	3593.6	2589.5	1586.6	1210.3	1039.4	917.4	816.1	770.9	712.5	645.1
-42.5°	2642.1	1779.1	1302.5	1153.4	1019.4	935.8	857.5	811.7	750.6	671.6	584.8
-45°	1328.2	1193.4	1069.8	1001.0	925.5	880.5	847.4	777.7	698.6	607.7	517.2
-47.5°	1078.0	1021.0	962.6	926.6	892.7	851.4	783.9	711.8	619.0	531.3	454.7
-50°	966.5	943.0	919.3	887.3	826.3	764.0	691.2	613.0	532.3	459.4	390.7
-52.5°	922.0	880.0	833.3	782.5	717.6	647.6	577.6	516.1	450.6	388.5	329.1
-55°	809.2	760.9	705.1	646.5	587.1	532.0	476.7	424.5	374.4	319.2	271.6
-57.5°	652.7	609.7	564.7	517.8	469.5	424.6	381.6	338.9	301.9	258.8	216.1
-60°	506.3	471.4	436.9	400.4	362.1	324.6	295.6	265.3	233.6	200.5	165.9
-62.5°	383.6	351.2	325.4	301.4	274.4	245.9	221.9	198.6	173.0	145.2	123.3
-65°	292.0	269.3	247.2	225.0	202.4	179.5	159.4	141.2	124.4	106.4	87.9
-67.5°	214.0	193.5	174.1	157.5	143.5	127.4	113.1	98.6	88.2	78.9	68.3
-70°	156.7	143.6	130.8	116.9	103.4	91.8	83.4	75.8	67.5	58.7	49.5
-72.5°	114.7	105.2	95.7	86.3	77.7	69.1	60.8	53.2	45.9	38.8	32.4
-75°	76.3	70.1	63.5	56.4	49.2	41.7	36.8	33.7	30.4	26.8	22.8
-77.5°	49.0	45.1	41.2	37.3	33.6	29.9	26.4	23.7	21.4	19.3	17.3
-80°	33.4	31.0	28.6	26.4	24.2	22.1	20.2	18.5	16.8	15.2	14.0
-82.5°	22.5	21.2	19.9	18.5	17.2	15.7	14.3	13.4	12.6	11.9	11.4
-85°	16.0	15.0	14.0	13.0	12.1	11.2	10.3	10.3	10.2	10.1	9.9
-87.5°	11.9	11.4	10.8	10.3	9.8	9.4	8.9	8.8	8.8	8.7	8.6
-90°	4.6	5.1	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.5	7.6	7.7
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.7	8.0	8.2
82.5°	7.3	7.3	7.3	7.3	7.6	7.8	7.9	7.8	8.0	8.3	8.6
80°	8.6	8.4	8.1	7.9	8.0	8.3	8.6	8.6	8.5	8.6	8.9
77.5°	9.2	9.2	9.2	8.9	8.8	8.8	8.9	9.2	9.1	8.9	9.0
75°	9.2	9.2	9.2	9.2	9.2	9.2	9.1	9.2	9.2	9.2	9.1
72.5°	10.0	9.5	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
70°	10.9	9.9	9.3	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
67.5°	11.9	11.0	10.0	9.3	9.2	9.2	9.2	9.2	9.2	9.2	9.2
65°	14.1	12.2	10.9	10.0	9.4	9.2	9.2	9.2	9.2	9.2	9.2
62.5°	17.1	13.5	11.8	10.7	9.8	9.3	9.2	9.2	9.2	9.2	9.2
60°	20.8	15.7	12.9	11.5	10.3	9.4	9.2	9.2	9.2	9.2	9.2
57.5°	23.9	17.2	14.8	12.7	11.1	9.8	9.2	9.2	9.2	9.2	9.2
55°	25.1	18.8	16.5	14.4	12.1	10.5	9.5	9.2	9.2	9.2	9.2
52.5°	22.3	19.4	17.9	15.9	13.7	11.3	10.2	9.2	9.2	9.2	9.2
50°	17.5	18.3	18.3	16.9	15.0	12.7	10.8	9.7	9.2	9.2	9.3
47.5°	15.5	17.2	17.6	17.3	15.7	14.0	11.8	10.3	9.2	9.2	9.4
45°	15.9	16.5	17.2	16.9	16.2	14.7	12.7	10.9	9.7	9.4	9.6
42.5°	17.6	17.7	17.3	16.6	16.4	15.2	13.5	11.6	10.2	9.6	9.8
40°	21.2	20.1	18.5	18.2	16.7	15.7	14.0	12.2	10.7	10.0	10.0
37.5°	25.9	24.0	21.4	21.9	18.2	16.2	14.4	12.6	11.5	10.6	10.3
35°	35.8	29.3	27.8	27.6	23.1	17.0	14.8	13.0	12.3	11.3	10.7
32.5°	48.6	39.5	36.9	34.3	29.5	17.9	15.4	14.2	13.1	11.9	11.0
30°	62.3	57.4	47.5	41.8	37.0	23.8	17.0	15.6	14.0	12.5	11.4
27.5°	83.8	77.5	60.6	51.5	44.1	31.6	20.5	17.2	15.0	13.2	12.0
25°	112.9	99.8	79.6	62.6	51.6	50.0	24.7	19.0	16.2	14.0	12.5
22.5°	153.7	125.8	99.8	74.5	82.0	73.6	34.7	22.3	17.6	14.8	13.0
20°	201.1	155.4	131.3	125.0	119.9	99.6	52.1	26.1	19.1	15.6	13.5
17.5°	258.0	228.4	218.6	188.7	162.2	129.5	72.2	30.2	20.7	16.4	13.9
15°	419.7	357.7	315.3	260.0	207.9	162.5	94.4	34.5	22.3	17.2	14.2
12.5°	611.2	494.9	419.0	337.2	256.2	197.9	117.8	39.0	23.9	17.8	14.4
10°	809.8	637.6	527.7	418.4	306.1	234.7	141.9	44.0	26.1	18.4	14.5
7.5°	1011.5	783.3	639.2	501.6	355.9	270.8	168.2	49.9	28.4	18.9	14.6
5°	1194.6	909.7	730.4	568.3	400.0	304.5	193.9	55.6	30.7	19.4	14.6
2.5°	1295.2	1002.1	805.4	628.9	442.5	336.2	217.7	61.1	32.9	19.8	14.7
0°	1383.6	1088.2	875.3	684.5	482.6	365.2	238.6	66.1	34.9	20.2	14.7
-2.5°	1384.1	1074.5	872.5	701.4	502.5	376.3	247.7	80.7	43.8	25.1	16.4
-5°	1370.6	1054.1	865.5	712.4	518.4	384.1	253.2	94.3	52.3	29.8	18.0
-7.5°	1309.3	1013.9	847.8	714.8	529.7	388.6	255.6	106.7	60.1	34.1	19.5
-10°	1227.4	960.2	815.6	692.4	525.1	387.4	254.9	117.5	67.0	37.9	20.8
-12.5°	1133.3	903.8	784.1	668.0	514.8	381.2	250.3	125.7	72.9	41.0	21.7
-15°	1027.3	845.9	755.0	642.4	501.1	372.5	243.7	131.9	77.8	43.5	22.4
-17.5°	913.9	787.4	729.5	616.8	484.1	361.5	235.6	136.0	81.4	45.7	23.5
-20°	853.7	748.9	706.0	592.1	464.2	348.4	226.2	137.9	83.6	47.1	24.7



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	800.9	728.9	671.8	566.3	443.2	333.4	216.0	137.5	84.1	47.5	25.6
-25°	746.8	709.8	637.9	532.3	422.9	317.4	209.8	134.7	82.9	46.9	26.0
-27.5°	716.7	686.2	604.3	495.7	395.4	301.6	205.7	133.1	80.8	45.2	26.0
-30°	697.5	648.5	563.3	458.2	365.5	277.4	198.4	129.3	78.8	44.2	25.5
-32.5°	683.1	612.6	518.0	423.2	335.5	251.6	183.6	123.0	75.3	43.5	25.3
-35°	651.2	568.4	471.2	385.9	304.8	230.3	166.2	114.3	70.4	42.2	24.8
-37.5°	614.9	518.2	428.7	348.6	272.7	207.5	150.0	102.4	63.9	40.1	23.7
-40°	557.5	467.8	385.7	312.3	244.5	183.2	132.3	91.2	59.6	37.3	22.1
-42.5°	497.5	418.2	344.0	274.8	216.5	162.0	113.8	79.2	54.2	34.5	19.8
-45°	440.9	368.0	301.2	242.2	187.9	139.1	99.5	67.2	48.1	31.2	17.9
-47.5°	383.0	319.1	260.4	207.6	160.8	116.8	84.5	59.6	41.4	27.2	16.8
-50°	327.9	271.4	220.5	174.7	131.6	99.2	70.2	51.3	35.4	21.9	15.6
-52.5°	275.1	225.8	182.3	141.7	109.1	80.8	60.0	42.5	29.1	19.0	14.1
-55°	224.4	183.1	145.3	114.2	87.3	66.9	49.1	34.9	22.4	17.0	12.7
-57.5°	178.5	142.2	114.6	89.3	69.9	53.7	39.2	27.0	19.1	14.9	12.3
-60°	134.6	110.2	86.5	70.1	55.3	41.7	29.9	20.6	16.7	13.2	11.9
-62.5°	101.2	81.2	67.5	54.1	42.1	31.0	21.4	17.9	14.3	12.7	11.5
-65°	75.9	63.3	50.4	40.2	30.0	22.0	18.4	15.1	13.3	12.2	11.2
-67.5°	57.0	46.5	36.0	26.7	21.7	18.2	15.2	13.9	12.8	11.7	11.1
-70°	40.2	30.8	24.2	20.2	16.9	14.6	14.0	13.2	12.1	11.5	11.1
-72.5°	27.2	22.4	17.9	14.6	14.2	13.7	13.2	12.5	11.8	11.3	11.0
-75°	18.7	16.3	14.6	13.6	13.2	12.8	12.3	11.9	11.3	11.0	10.6
-77.5°	15.7	14.3	13.2	12.5	12.2	11.9	11.5	11.2	10.8	10.5	10.1
-80°	13.2	12.5	11.9	11.5	11.3	11.0	10.7	10.4	10.1	9.9	9.6
-82.5°	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.2	9.0
-85°	9.8	9.7	9.6	9.5	9.3	9.2	9.1	8.9	8.8	8.6	8.4
-87.5°	8.6	8.5	8.5	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.9
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.8	7.7	7.6	7.5	7.5	7.3	7.3
85°	8.3	8.1	8.0	7.8	7.6	7.4	7.3
82.5°	8.8	8.5	8.3	8.0	7.8	7.4	7.3
80°	9.2	8.9	8.6	8.3	7.9	7.5	7.3
77.5°	9.2	9.2	8.9	8.5	8.1	7.5	7.3
75°	9.2	9.2	9.2	8.8	8.2	7.5	7.3
72.5°	9.2	9.2	9.2	9.0	8.4	7.6	7.3
70°	9.2	9.2	9.2	9.2	8.5	7.6	7.3
67.5°	9.2	9.2	9.2	9.2	8.6	7.6	7.3
65°	9.2	9.2	9.2	9.2	8.8	7.7	7.3
62.5°	9.2	9.2	9.2	9.2	8.9	7.7	7.3
60°	9.2	9.2	9.2	9.2	8.9	7.7	7.3
57.5°	9.2	9.2	9.2	9.2	8.9	7.7	7.3
55°	9.2	9.2	9.2	9.2	8.9	7.7	7.3
52.5°	9.2	9.2	9.2	9.2	8.9	7.8	7.3
50°	9.2	9.2	9.2	9.2	8.9	7.8	7.3
47.5°	9.2	9.2	9.2	9.2	8.9	7.8	7.3
45°	9.4	9.2	9.2	9.2	8.9	7.8	7.3
42.5°	9.5	9.2	9.2	9.2	8.9	7.8	7.3
40°	9.7	9.2	9.2	9.2	8.9	7.8	7.3
37.5°	10.0	9.2	9.2	9.2	8.9	7.8	7.3
35°	10.2	9.3	9.2	9.2	8.9	7.7	7.3
32.5°	10.5	9.5	9.2	9.2	8.9	7.7	7.3
30°	10.8	9.7	9.2	9.2	8.9	7.7	7.3
27.5°	11.1	9.9	9.2	9.2	9.0	7.7	7.3
25°	11.4	10.1	9.2	9.2	9.0	7.7	7.3
22.5°	11.7	10.3	9.2	9.2	9.0	7.6	7.3
20°	12.1	10.4	9.2	9.2	9.0	7.6	7.3
17.5°	12.3	10.6	9.2	9.2	9.1	7.6	7.3
15°	12.4	10.7	9.2	9.2	9.1	7.5	7.3
12.5°	12.5	10.8	9.2	9.2	9.1	7.5	7.3
10°	12.6	10.9	9.2	9.2	9.2	7.5	7.3
7.5°	12.7	10.9	9.2	9.2	9.2	7.4	7.3
5°	12.8	11.0	9.2	9.2	9.2	7.4	7.3
2.5°	12.8	11.0	9.2	9.2	9.2	7.3	7.3
0°	12.8	11.0	9.2	9.2	9.2	7.3	7.3
-2.5°	13.0	11.2	9.4	9.2	9.2	7.3	7.3
-5°	13.3	11.4	9.5	9.2	9.2	7.4	7.3
-7.5°	13.5	11.5	9.7	9.2	9.2	7.4	7.3
-10°	13.6	11.7	9.8	9.2	9.2	7.5	7.3
-12.5°	13.8	11.8	9.9	9.2	9.1	7.5	7.3
-15°	13.9	11.9	10.0	9.2	9.1	7.5	7.3
-17.5°	14.0	12.0	10.1	9.2	9.1	7.6	7.3
-20°	14.4	12.0	10.1	9.2	9.0	7.6	7.3



REPORT NUMBER: P1305731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.3	12.1	10.2	9.2	9.0	7.6	7.3
-25°	15.8	12.1	10.2	9.2	9.0	7.7	7.3
-27.5°	16.1	12.1	10.1	9.2	9.0	7.7	7.3
-30°	16.0	12.1	10.0	9.2	8.9	7.7	7.3
-32.5°	15.5	11.9	9.9	9.2	8.9	7.7	7.3
-35°	15.2	11.7	9.8	9.2	8.9	7.7	7.3
-37.5°	14.9	11.4	9.7	9.2	8.9	7.8	7.3
-40°	14.4	11.2	9.6	9.2	8.9	7.8	7.3
-42.5°	13.8	11.0	9.5	9.2	8.9	7.8	7.3
-45°	13.1	10.8	9.6	9.3	8.9	7.8	7.3
-47.5°	12.3	10.6	9.6	9.3	8.9	7.8	7.3
-50°	11.9	10.4	9.7	9.3	8.9	7.8	7.3
-52.5°	11.6	10.1	9.7	9.3	8.9	7.8	7.3
-55°	11.3	10.2	9.8	9.3	8.9	7.7	7.3
-57.5°	10.9	10.2	9.8	9.3	8.9	7.7	7.3
-60°	10.7	10.3	9.9	9.3	8.9	7.7	7.3
-62.5°	10.7	10.3	9.8	9.3	8.9	7.7	7.3
-65°	10.8	10.3	9.7	9.3	8.8	7.7	7.3
-67.5°	10.8	10.3	9.6	9.3	8.6	7.6	7.3
-70°	10.8	10.1	9.5	9.2	8.5	7.6	7.3
-72.5°	10.5	9.8	9.4	9.0	8.4	7.6	7.3
-75°	10.1	9.6	9.2	8.8	8.2	7.5	7.3
-77.5°	9.7	9.3	8.9	8.5	8.1	7.5	7.3
-80°	9.3	8.9	8.6	8.3	7.9	7.5	7.3
-82.5°	8.8	8.5	8.3	8.0	7.8	7.4	7.3
-85°	8.3	8.1	8.0	7.8	7.6	7.4	7.3
-87.5°	7.8	7.7	7.6	7.5	7.5	7.3	7.3
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3

(END OF REPORT)