

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: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

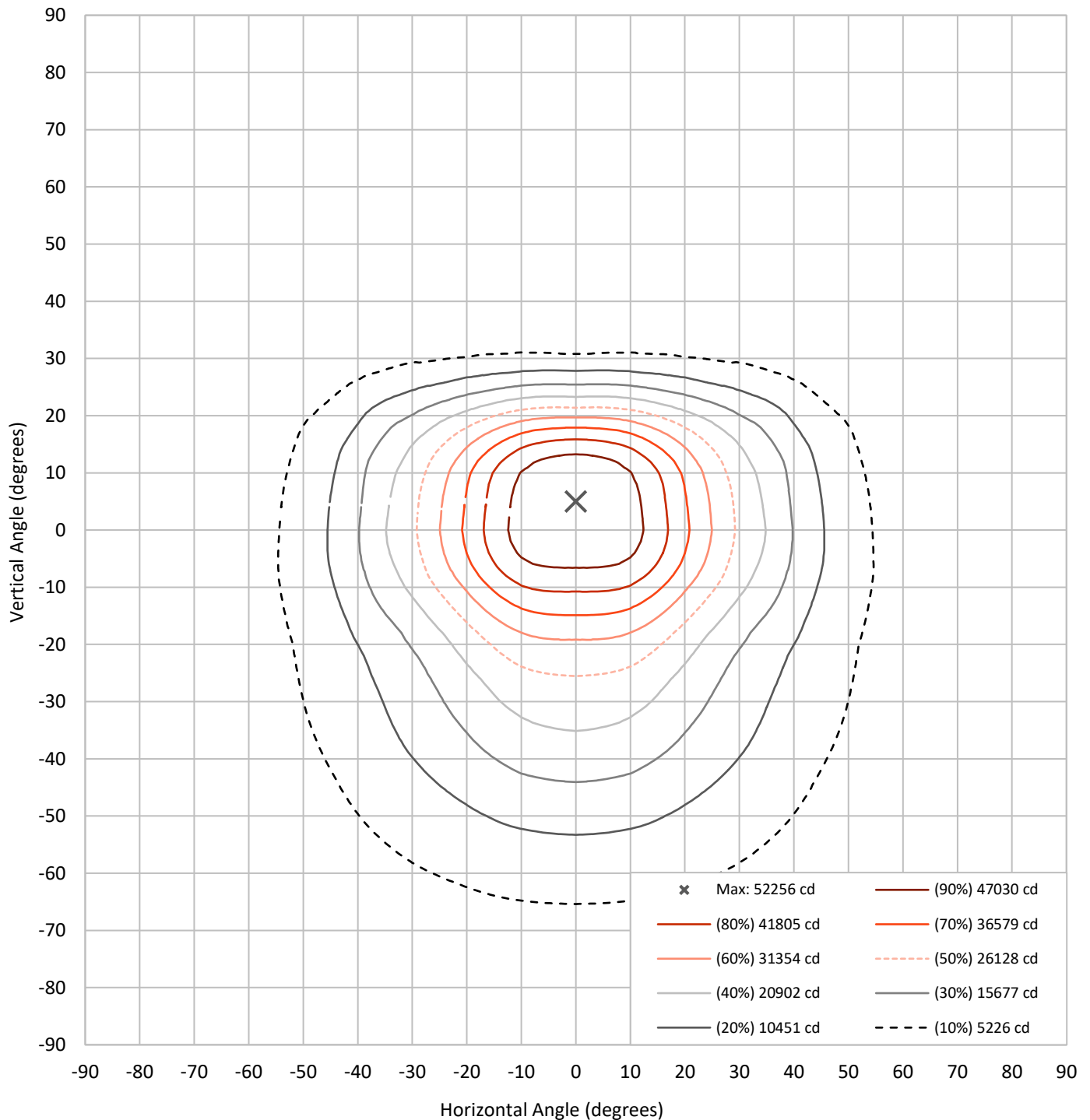
Test Method: LM-79-08
Report Number: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	51202.1 lumens	Max Intensity:	52256 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	79.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	24627.1 lumens	Field Lumens:	47465.9 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
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		

REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

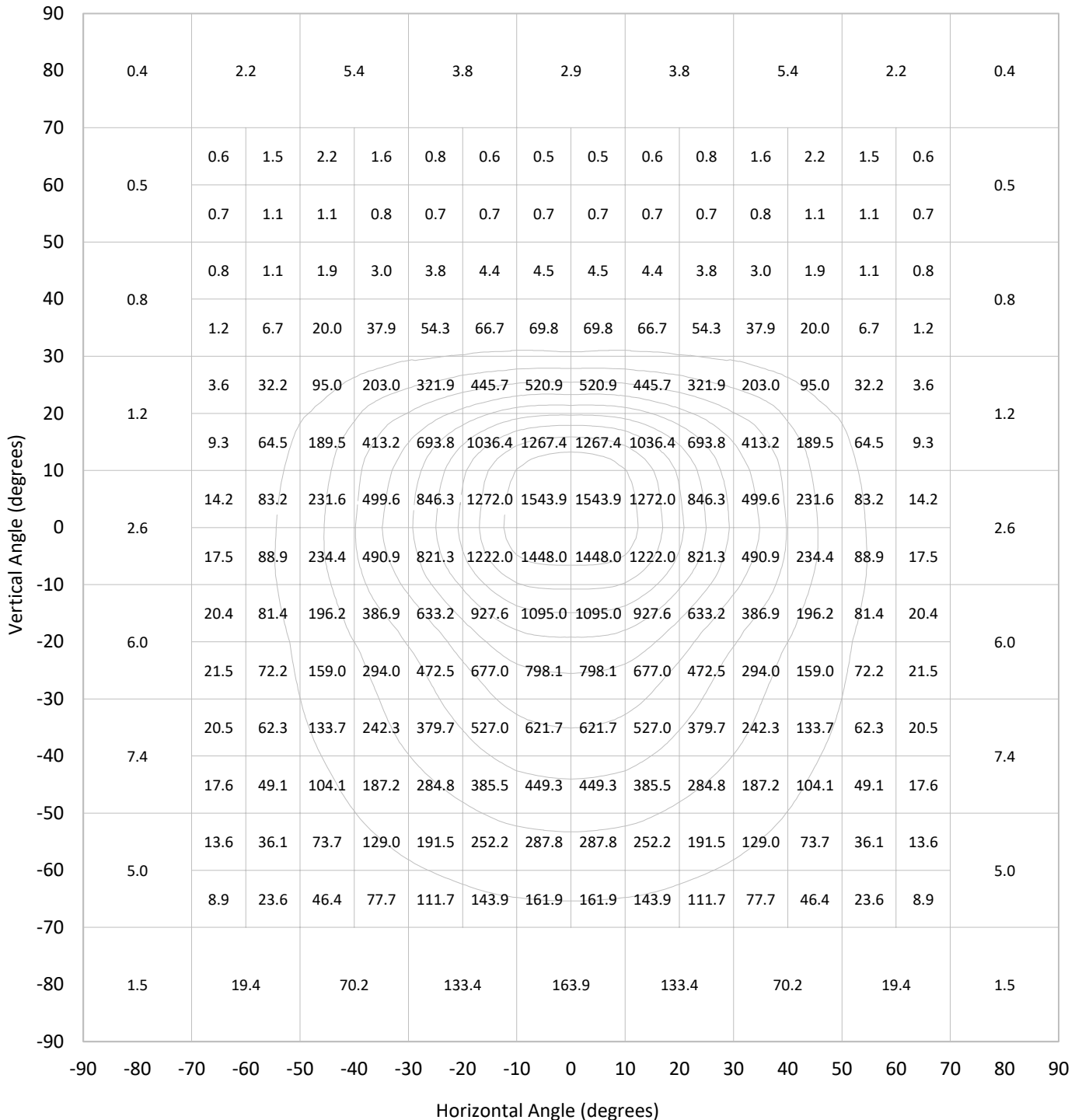
Iso-Candela Plot





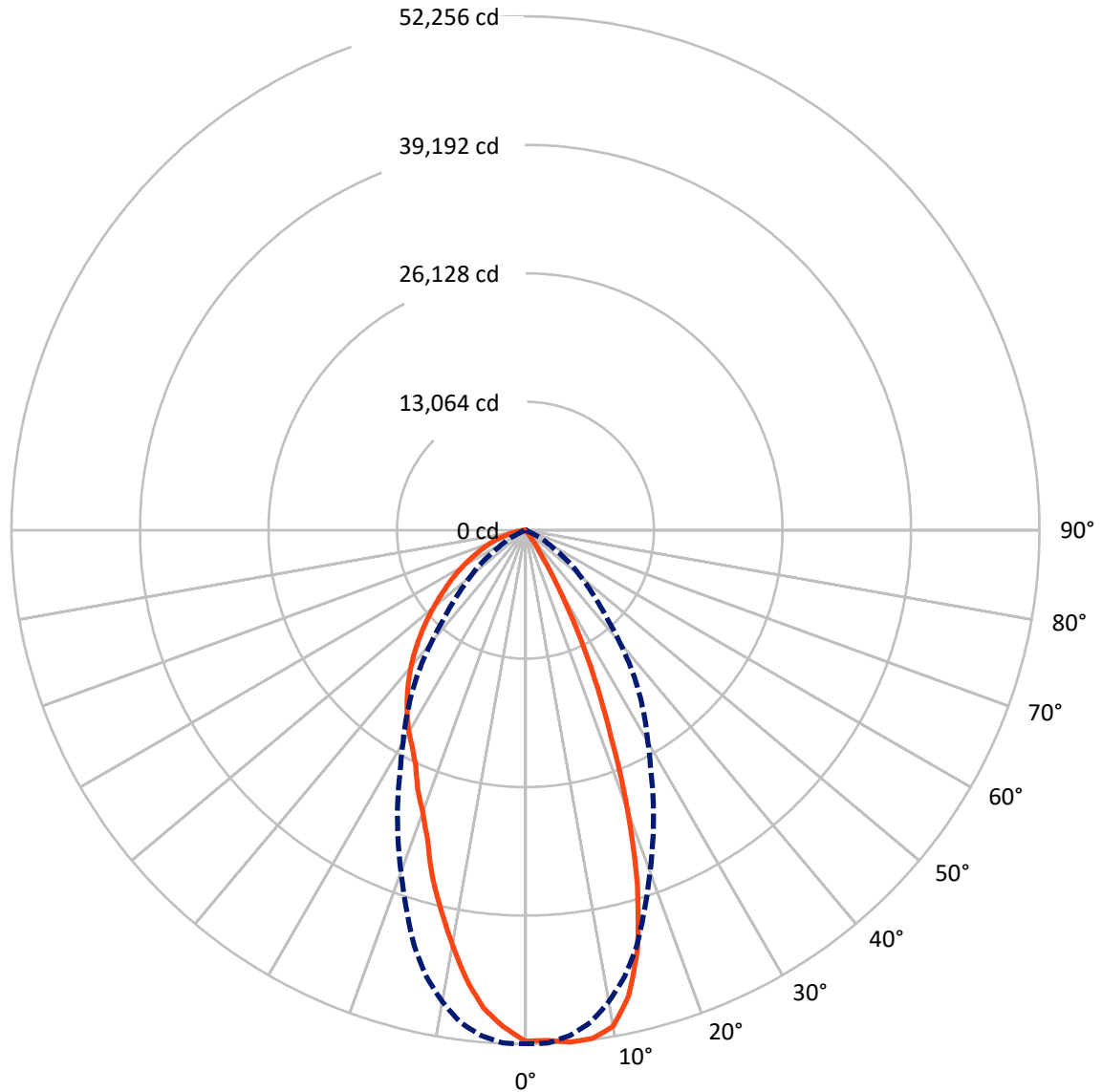
REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

Lumen Table



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

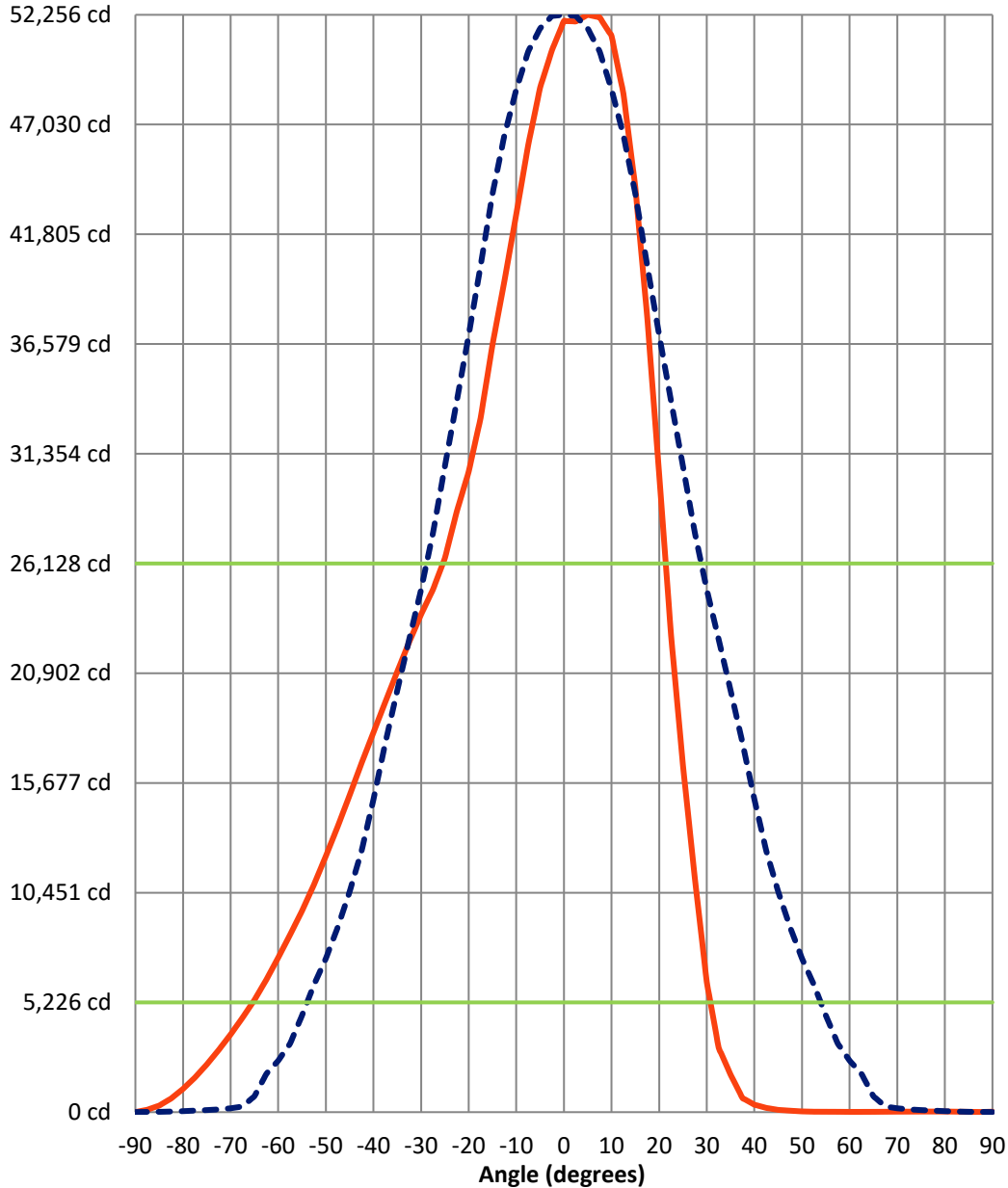
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 24627.1
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 47465.9
 Efficiency: 92.7%

Spill:
 Lumens: 3736.2
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 5-Deg



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.2	8.1	9.0	9.4	9.9	10.3	10.7	11.2	11.6	12.1	12.5
87.5°	7.2	8.4	9.6	9.7	10.0	10.4	10.9	10.8	10.6	10.3	9.9
85°	7.2	8.6	10.2	10.9	11.8	13.0	14.6	14.8	14.9	14.8	14.5
82.5°	7.2	8.9	10.8	12.0	13.6	15.7	18.2	18.9	19.2	20.2	22.3
80°	7.2	9.2	11.4	13.2	15.4	18.3	21.5	21.9	23.6	26.9	31.8
77.5°	7.2	9.4	12.0	14.3	17.2	20.1	22.3	24.2	27.8	33.4	39.0
75°	7.2	9.7	12.6	15.3	18.6	20.5	23.0	26.3	31.5	35.8	40.2
72.5°	7.2	9.9	13.1	16.4	18.7	20.8	23.7	27.9	32.3	36.8	41.2
70°	7.2	10.1	13.7	17.2	18.7	21.0	24.3	28.6	33.1	37.7	43.4
67.5°	7.2	10.4	14.2	17.0	18.7	21.2	25.0	29.2	33.9	39.8	45.7
65°	7.2	10.6	14.7	16.9	18.6	21.7	25.7	29.8	35.7	41.8	48.3
62.5°	7.2	10.8	15.2	16.7	18.5	22.4	26.5	31.0	37.3	43.8	51.4
60°	7.2	11.0	15.6	16.4	18.3	23.1	27.2	32.3	38.9	46.2	54.3
57.5°	7.2	11.2	15.5	16.2	18.9	23.8	28.6	33.7	40.6	48.4	55.8
55°	7.2	11.4	15.3	15.9	19.5	24.5	30.0	35.3	42.2	50.1	56.6
52.5°	7.2	11.6	15.2	15.6	20.1	25.3	31.3	37.1	43.5	51.0	57.5
50°	7.2	11.7	15.1	15.2	20.7	26.4	32.7	39.0	44.6	52.0	57.8
47.5°	7.2	11.9	15.0	15.1	21.3	27.5	34.1	41.1	45.5	52.9	58.8
45°	7.2	12.0	15.0	15.5	21.9	28.6	36.1	43.4	48.0	54.8	60.7
42.5°	7.2	12.2	14.9	15.9	22.4	29.6	38.2	46.0	51.0	57.3	63.7
40°	7.2	12.3	14.9	16.6	23.1	30.6	40.4	48.9	54.8	60.7	67.7
37.5°	7.2	12.4	14.9	17.4	23.8	31.5	42.6	52.0	59.7	66.6	72.7
35°	7.2	12.5	14.9	18.3	24.4	32.9	44.9	55.3	64.9	73.7	79.7
32.5°	7.2	12.6	14.9	19.2	25.0	34.7	47.4	58.9	70.2	81.7	93.0
30°	7.2	12.6	15.0	20.1	25.6	36.4	50.2	62.8	75.8	90.5	108.2
27.5°	7.2	12.7	15.0	21.0	27.4	38.2	53.0	67.3	82.1	100.1	125.2
25°	7.2	12.7	15.1	22.0	29.5	39.8	55.8	71.8	89.8	112.8	145.7
22.5°	7.2	12.8	15.2	22.9	31.7	42.3	58.7	76.4	97.7	127.7	213.8
20°	7.2	12.8	15.3	23.9	33.9	46.9	61.6	80.9	105.9	143.2	290.1
17.5°	7.2	12.8	15.4	24.8	36.3	51.5	66.8	85.4	114.2	159.3	372.8
15°	7.2	12.8	15.5	25.7	38.6	56.2	73.5	92.1	122.5	175.5	459.7
12.5°	7.2	12.8	15.6	26.6	41.0	60.9	80.2	101.9	135.3	191.8	548.7
10°	7.2	12.7	15.7	27.5	43.3	65.5	86.7	111.7	151.8	217.0	632.7
7.5°	7.2	12.7	15.8	28.3	45.6	70.0	93.1	121.3	168.3	243.0	700.9
5°	7.2	12.6	15.9	29.1	47.8	74.3	99.4	130.8	184.5	268.3	760.5
2.5°	7.2	12.6	16.0	29.8	49.9	78.5	105.3	139.9	200.1	292.5	810.7
0°	7.2	12.5	16.1	30.4	51.9	82.4	111.0	148.6	214.9	315.2	850.7
-2.5°	7.2	12.7	17.3	34.1	60.3	98.5	138.9	195.4	287.9	421.6	961.8
-5°	7.2	12.9	18.6	37.7	68.5	114.1	166.0	241.0	358.7	524.6	1061.9
-7.5°	7.2	13.2	19.8	41.2	76.3	129.0	192.1	284.6	426.3	622.8	1151.1
-10°	7.2	13.3	20.9	44.4	83.7	143.1	216.9	325.8	489.6	714.5	1229.5
-12.5°	7.2	13.5	22.0	47.4	90.5	156.1	239.9	363.7	547.7	798.5	1302.6
-15°	7.2	13.7	23.0	50.2	96.6	167.8	260.9	397.9	602.7	874.3	1365.2
-17.5°	7.2	13.8	23.9	52.6	102.1	178.2	279.6	434.4	655.8	941.3	1413.7
-20°	7.2	13.9	24.8	54.7	106.8	187.1	300.0	471.8	702.6	998.8	1447.4



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	14.0	25.5	56.4	110.6	194.2	324.3	504.3	742.6	1045.9	1466.0
-25°	7.2	14.1	26.2	57.8	113.5	205.2	345.1	531.6	775.4	1082.1	1469.2
-27.5°	7.2	14.2	26.7	58.7	115.4	216.3	362.0	553.3	800.6	1110.6	1504.0
-30°	7.2	14.2	27.1	59.1	116.8	224.9	374.8	569.2	822.2	1136.0	1526.0
-32.5°	7.2	14.2	27.4	59.1	121.2	230.9	383.3	582.8	838.3	1151.1	1532.7
-35°	7.2	14.2	27.6	58.7	124.1	234.3	389.4	591.4	846.3	1155.6	1523.7
-37.5°	7.2	14.1	27.6	57.7	125.4	235.9	392.3	593.7	846.0	1149.5	1478.7
-40°	7.2	14.1	27.5	56.3	125.1	236.7	391.2	589.7	837.3	1138.8	1431.2
-42.5°	7.2	14.0	27.2	55.0	124.5	235.0	385.9	579.1	824.1	1100.1	1374.7
-45°	7.2	13.8	26.9	54.3	123.7	230.7	376.6	564.7	804.3	1051.2	1310.9
-47.5°	7.2	13.7	26.4	52.9	121.6	223.9	363.1	548.1	775.6	995.6	1247.6
-50°	7.2	13.5	25.7	52.5	118.1	214.4	349.9	526.0	727.6	940.0	1176.1
-52.5°	7.2	13.3	24.9	51.9	113.4	202.5	333.6	498.5	680.9	878.0	1097.8
-55°	7.2	13.1	24.0	50.8	107.4	192.5	313.9	466.6	631.9	810.0	1019.0
-57.5°	7.2	12.8	23.0	49.1	100.1	181.3	290.7	435.8	578.3	743.9	933.4
-60°	7.2	12.6	21.8	46.9	91.9	168.3	265.2	397.0	522.2	674.5	844.5
-62.5°	7.2	12.3	21.1	44.1	86.1	153.5	244.0	353.9	469.8	600.0	756.6
-65°	7.2	12.0	20.2	40.9	79.5	137.1	220.3	311.4	414.2	531.0	662.9
-67.5°	7.2	11.6	19.3	37.2	72.0	121.8	194.5	274.8	355.6	460.9	575.6
-70°	7.2	11.3	18.3	33.0	63.7	108.0	166.6	236.3	308.0	387.5	489.1
-72.5°	7.2	10.9	17.3	30.2	54.8	93.1	143.3	196.3	258.8	327.7	403.0
-75°	7.2	10.6	16.2	27.6	45.2	77.2	119.6	161.4	207.7	266.2	330.2
-77.5°	7.2	10.2	15.0	24.9	39.1	60.5	94.6	127.8	164.6	206.0	255.1
-80°	7.2	9.8	13.9	22.0	33.6	48.6	68.6	93.3	121.3	153.1	188.4
-82.5°	7.2	9.4	12.7	18.9	27.8	39.3	53.3	64.2	77.2	99.0	123.6
-85°	7.2	8.9	11.5	15.8	21.9	29.8	39.3	46.6	54.4	62.7	71.4
-87.5°	7.2	8.5	10.2	12.6	15.9	20.1	25.1	28.9	33.0	37.4	42.0
-90°	7.2	8.1	9.0	8.6	8.1	7.7	7.2	6.8	6.3	5.9	5.4



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.5	12.5	12.5	12.5	13.0	13.4	13.9	14.3	15.2	16.1	17.0
87.5°	10.5	11.2	11.9	12.6	11.7	10.6	9.4	8.0	8.4	8.8	9.3
85°	15.7	17.0	18.6	19.7	18.8	18.1	17.6	17.2	18.1	18.9	19.5
82.5°	24.5	26.0	26.8	27.0	27.5	28.4	30.0	33.2	35.2	36.6	37.3
80°	34.1	35.1	35.9	38.2	42.5	47.5	53.1	59.3	61.3	61.5	60.7
77.5°	40.0	42.2	46.4	52.6	59.7	66.7	74.5	83.0	85.5	84.7	83.1
75°	43.5	48.6	56.0	65.0	74.3	83.9	94.0	103.6	106.3	103.3	99.3
72.5°	46.8	54.6	64.4	76.2	86.4	96.2	107.1	119.1	123.3	117.2	110.0
70°	50.1	59.9	71.1	82.8	94.4	105.6	116.3	127.8	134.6	125.1	110.5
67.5°	53.0	64.4	76.3	88.2	98.8	109.8	121.8	126.7	129.7	114.4	97.9
65°	56.3	68.4	79.3	89.9	101.1	105.7	109.6	113.7	113.1	95.6	78.1
62.5°	59.7	69.6	80.0	88.3	91.1	93.7	93.7	91.1	86.8	74.7	59.7
60°	60.9	69.5	76.6	79.4	80.1	77.5	74.2	70.8	65.5	55.4	45.1
57.5°	61.6	66.2	69.5	70.4	67.3	62.2	59.9	54.5	50.0	44.2	35.7
55°	61.3	60.7	62.6	60.9	57.3	53.2	49.0	45.5	40.0	38.1	34.4
52.5°	59.7	56.9	56.1	54.2	51.7	47.6	43.4	40.6	39.2	37.0	33.9
50°	59.1	55.5	51.3	51.1	49.2	46.1	41.7	41.1	41.2	39.2	35.6
47.5°	59.8	55.6	50.2	50.3	50.6	51.7	48.0	46.3	46.9	52.2	46.6
45°	61.8	59.6	53.9	53.8	58.8	65.5	71.4	54.9	71.6	79.8	86.4
42.5°	65.0	66.1	69.0	58.8	77.8	101.7	113.2	119.0	112.9	139.0	166.0
40°	72.2	74.8	94.8	102.7	110.8	160.3	229.0	245.1	186.2	258.9	303.9
37.5°	81.1	106.4	141.2	183.3	179.5	282.9	390.4	473.0	464.8	439.5	629.4
35°	91.3	145.4	239.2	332.9	374.0	472.0	670.4	814.2	899.7	951.3	1107.7
32.5°	119.5	191.6	361.7	560.8	732.1	829.3	1016.7	1331.7	1629.8	1807.7	1806.0
30°	168.9	305.3	534.6	840.5	1173.6	1446.8	1601.8	2006.6	2574.7	2978.7	3248.0
27.5°	241.8	443.4	801.4	1244.4	1711.1	2175.1	2484.2	3010.3	3774.7	4390.5	4965.6
25°	331.0	662.9	1101.8	1724.8	2411.1	3000.4	3445.2	4176.3	5144.9	6110.7	7072.9
22.5°	473.0	917.7	1435.2	2249.9	3183.6	3853.4	4506.7	5397.9	6518.1	7873.9	9341.1
20°	670.9	1214.3	1791.1	2662.1	3956.1	4721.7	5523.8	6587.4	7894.0	9541.8	11500.6
17.5°	884.8	1494.3	2140.3	3111.1	4373.7	5434.6	6511.6	7723.7	9188.0	11099.6	13209.6
15°	1109.7	1757.6	2452.1	3512.1	4764.6	5910.8	7185.2	8761.7	10488.4	12555.7	14762.9
12.5°	1340.3	2004.2	2728.5	3865.3	5137.9	6342.3	7701.3	9340.9	11349.7	13774.6	16091.7
10°	1570.9	2233.9	2971.4	4171.3	5487.9	6728.0	8144.6	9822.2	11865.9	14295.4	16800.0
7.5°	1712.3	2385.5	3169.9	4431.2	5809.0	7067.3	8516.7	10208.7	12223.5	14667.8	17248.9
5°	1819.3	2453.6	3273.1	4608.3	6062.8	7318.6	8807.0	10505.0	12438.7	14894.7	17590.0
2.5°	1902.5	2503.9	3355.5	4739.9	6254.7	7455.2	8979.9	10694.6	12663.0	15176.7	17934.3
0°	1961.1	2537.8	3415.3	4830.2	6399.0	7543.4	9092.6	10808.3	12819.5	15421.8	18240.7
-2.5°	2018.1	2642.7	3537.0	4945.4	6419.8	7556.5	9135.5	10812.9	12819.4	15374.2	18113.7
-5°	2053.9	2730.1	3633.0	5017.9	6398.5	7529.5	9111.8	10748.0	12679.8	15095.5	17643.0
-7.5°	2072.5	2796.9	3702.4	5028.8	6288.0	7370.6	8827.0	10365.2	12218.7	14482.3	16831.2
-10°	2082.4	2837.1	3695.0	4877.4	6058.4	7115.3	8446.8	9920.4	11666.3	13771.3	15944.6
-12.5°	2109.8	2858.9	3661.6	4712.2	5809.2	6826.6	8025.0	9420.5	11025.6	12976.2	14970.2
-15°	2124.6	2870.0	3615.0	4541.6	5547.2	6506.9	7568.5	8870.3	10331.7	12076.5	13845.6
-17.5°	2128.7	2872.0	3558.3	4373.7	5278.8	6158.3	7119.3	8398.9	9729.4	11236.2	12744.9
-20°	2124.1	2866.6	3494.1	4215.6	5015.0	5905.1	6875.3	7991.6	9182.6	10456.7	11713.7



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2112.4	2855.4	3439.9	4103.4	4888.3	5739.2	6631.6	7597.5	8622.4	9728.8	11003.6
-25°	2106.5	2814.4	3403.7	4024.0	4765.7	5564.8	6375.4	7233.6	8127.1	9285.8	10501.6
-27.5°	2097.2	2771.1	3332.6	3913.9	4623.8	5388.5	6148.8	6932.1	7849.5	8890.4	10018.7
-30°	2069.6	2666.3	3235.9	3784.9	4473.7	5210.4	5936.5	6681.1	7549.1	8530.5	9577.2
-32.5°	1991.7	2547.5	3107.5	3658.9	4293.0	5015.2	5717.3	6439.3	7244.5	8123.9	9130.9
-35°	1904.5	2424.9	2963.4	3502.6	4081.9	4778.5	5461.6	6159.4	6906.9	7731.9	8670.7
-37.5°	1841.1	2293.1	2809.1	3326.6	3882.5	4501.5	5171.4	5843.1	6550.7	7336.9	8224.8
-40°	1765.6	2152.7	2652.6	3147.8	3653.9	4224.5	4850.4	5495.1	6159.4	6943.4	7757.1
-42.5°	1681.1	2055.0	2490.3	2958.3	3435.5	3954.2	4512.7	5126.2	5792.7	6522.0	7286.1
-45°	1608.2	1945.2	2328.0	2765.9	3209.3	3679.1	4197.1	4745.6	5404.0	6082.5	6792.1
-47.5°	1525.2	1830.4	2190.4	2562.6	2980.2	3413.4	3871.5	4405.7	4990.7	5626.1	6276.9
-50°	1435.5	1726.4	2033.4	2379.5	2749.7	3146.2	3564.4	4051.9	4585.8	5153.5	5752.4
-52.5°	1345.3	1611.7	1894.3	2195.6	2531.7	2888.1	3275.5	3709.6	4182.1	4679.6	5208.1
-55°	1246.5	1495.3	1752.4	2025.6	2318.8	2642.2	2988.6	3376.6	3782.8	4233.9	4678.4
-57.5°	1144.9	1369.9	1607.1	1860.1	2123.6	2398.5	2712.4	3041.1	3408.2	3793.6	4185.9
-60°	1038.8	1240.4	1455.3	1687.9	1932.8	2180.5	2434.8	2726.0	3037.5	3357.8	3708.5
-62.5°	927.5	1108.5	1300.7	1506.9	1731.0	1955.2	2183.2	2424.1	2676.6	2964.2	3256.7
-65°	817.2	973.1	1144.2	1327.7	1519.6	1721.0	1925.4	2131.8	2352.6	2589.7	2836.0
-67.5°	701.0	841.8	988.9	1144.7	1315.1	1486.0	1664.5	1851.0	2038.7	2230.8	2433.0
-70°	596.3	708.0	836.2	972.2	1109.8	1249.8	1404.0	1564.1	1727.7	1891.1	2059.2
-72.5°	490.8	586.8	689.2	797.9	913.4	1028.7	1149.1	1274.1	1406.9	1544.4	1684.1
-75°	394.9	463.0	546.9	637.5	725.7	812.5	902.8	1004.4	1109.6	1215.6	1321.4
-77.5°	306.3	360.5	419.0	481.3	542.7	612.4	683.9	756.7	832.8	911.0	990.1
-80°	221.7	256.1	299.1	345.7	390.2	435.4	481.8	529.2	578.8	633.6	692.7
-82.5°	146.9	171.3	197.0	223.8	248.6	273.2	299.6	331.9	364.5	398.0	432.2
-85°	78.6	85.8	100.9	116.9	132.7	148.6	164.4	180.2	196.4	212.2	227.4
-87.5°	45.6	49.2	52.9	56.6	60.6	64.6	68.6	72.5	77.9	83.3	88.7
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	17.9	18.4	18.8	19.3	19.7	20.2	20.6	21.1	21.5	22.0	22.4
87.5°	9.7	9.1	8.4	7.6	6.9	9.0	11.1	13.4	15.7	14.5	13.3
85°	19.9	20.0	20.1	20.2	20.3	22.6	25.0	27.2	29.4	27.2	24.7
82.5°	37.5	36.9	35.6	33.7	31.2	30.7	29.9	28.7	27.3	26.2	25.1
80°	59.4	56.4	52.5	47.9	42.7	40.1	37.6	34.8	31.8	30.9	30.2
77.5°	79.9	74.4	67.8	60.7	53.1	48.3	44.0	39.3	34.4	33.0	32.2
75°	94.4	87.3	77.9	67.8	57.2	49.7	43.9	38.0	32.2	30.8	30.6
72.5°	101.9	92.1	80.1	66.0	52.5	43.6	38.1	33.2	28.8	27.2	26.6
70°	95.8	81.0	67.1	54.1	42.2	34.2	30.3	26.9	23.8	23.0	23.5
67.5°	80.9	66.0	53.4	42.3	32.7	26.2	23.9	22.1	20.7	20.2	20.2
65°	63.2	50.6	40.4	31.9	25.1	21.1	20.3	19.5	18.8	18.2	17.6
62.5°	46.6	37.1	30.6	25.8	22.1	19.7	19.1	18.3	17.3	16.4	15.7
60°	36.3	28.8	25.5	23.5	21.6	20.0	19.4	19.0	18.7	18.4	17.8
57.5°	31.6	27.8	24.8	23.5	22.5	21.8	21.4	21.0	20.4	19.6	19.0
55°	30.8	27.9	25.3	24.6	24.1	23.6	23.0	22.4	21.6	20.9	20.5
52.5°	30.9	29.6	27.6	26.7	27.1	26.4	24.9	25.7	25.8	25.1	24.7
50°	34.9	35.2	35.6	32.6	35.7	37.1	35.2	36.7	39.0	39.3	39.1
47.5°	49.4	52.7	57.0	53.7	57.6	63.6	63.1	63.6	68.9	69.6	69.4
45°	78.8	93.1	99.9	103.7	102.2	116.1	118.8	114.3	121.7	123.1	120.9
42.5°	157.9	165.8	183.6	197.7	189.6	204.0	208.2	195.3	207.9	213.6	207.4
40°	353.7	281.2	333.8	370.2	357.5	329.7	378.0	360.7	359.0	379.1	363.3
37.5°	698.2	619.7	673.7	777.5	773.7	643.0	788.9	779.4	655.2	802.4	789.6
35°	1252.1	1397.2	1332.5	1526.6	1582.8	1612.1	1693.0	1776.6	1685.1	1805.6	1802.5
32.5°	2242.0	2542.9	2675.9	2699.6	2948.8	3151.8	3065.8	3391.5	3371.6	3453.1	3536.3
30°	3539.5	4210.2	4549.7	4558.2	4971.5	5335.4	5450.8	5859.6	6101.3	6061.2	6466.0
27.5°	5647.3	6306.2	6865.3	7342.3	7664.4	8238.2	9036.7	9439.6	10033.6	10266.5	10826.2
25°	8028.9	8847.5	9730.1	10560.3	11242.0	12269.7	13263.5	13890.2	14740.0	15406.0	16082.8
22.5°	10608.9	11694.9	12827.4	14069.2	15337.1	16590.9	17797.9	18955.8	20088.8	21340.3	22105.4
20°	13246.6	14474.2	15852.6	17535.7	19294.8	20806.6	22455.4	24270.7	26006.3	27621.7	28841.8
17.5°	15251.1	17150.7	18644.0	20464.8	22649.3	24779.1	26881.1	29275.1	31483.1	33542.6	35379.4
15°	16781.8	18773.2	20937.5	23135.3	25436.6	27972.4	30863.8	33483.3	36210.9	38633.2	40901.7
12.5°	18116.0	20137.7	22402.7	24966.0	27868.7	30591.2	33621.4	36897.5	39791.3	42636.9	44765.4
10°	19100.7	21346.5	23642.8	26220.0	29180.0	32358.6	35642.6	38954.2	42198.9	44945.9	47232.6
7.5°	19644.0	22029.1	24431.6	27122.8	30166.0	33292.6	36573.2	40030.7	43296.8	46125.7	48225.8
5°	20086.1	22510.9	24885.7	27587.6	30758.5	33864.3	37007.0	40306.9	43726.7	46517.0	48701.9
2.5°	20472.1	22837.9	25154.4	27785.2	31052.8	34172.4	37403.6	40824.4	44131.5	46823.1	48949.9
0°	20807.1	23040.4	25306.0	27913.6	31330.7	34488.1	37667.0	41014.3	44383.1	47005.0	49157.7
-2.5°	20564.8	22754.6	24986.8	27652.3	30911.1	34017.0	37213.9	40603.5	43794.4	46450.2	48537.2
-5°	19932.9	22042.2	24258.8	26917.8	30028.5	33070.7	36225.1	39490.0	42489.5	45144.6	47064.5
-7.5°	19009.0	21073.9	23282.0	25899.2	28793.9	31555.0	34374.1	37400.6	40386.2	42730.4	44558.9
-10°	17982.0	19947.3	21979.7	24281.5	26844.6	29423.6	32013.9	34827.4	37458.0	39659.1	41419.3
-12.5°	16762.7	18508.5	20379.8	22387.5	24740.6	27196.9	29667.0	32131.4	34557.6	36537.6	38132.3
-15°	15445.8	16989.6	18698.6	20640.6	22737.2	24904.7	27132.9	29486.3	31671.3	33515.8	34921.7
-17.5°	14146.7	15529.2	17266.2	19031.8	20726.1	22713.7	24929.7	26875.9	28869.8	30526.1	31768.1
-20°	13045.4	14532.7	16043.1	17551.6	19170.1	21102.5	22981.4	24816.3	26588.2	28096.3	29331.2



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	12327.4	13634.1	14923.0	16350.0	17995.3	19700.5	21401.1	23069.2	24673.0	26105.5	27280.1
-25°	11674.6	12780.4	14056.6	15505.5	16894.8	18390.6	19996.2	21390.5	22911.7	24209.0	25214.0
-27.5°	11103.9	12198.2	13450.7	14753.8	16010.4	17358.5	18821.0	20151.8	21520.7	22768.2	23645.0
-30°	10606.9	11740.6	12918.4	14110.5	15293.9	16541.3	17812.3	19098.6	20354.6	21485.7	22328.5
-32.5°	10183.4	11246.9	12351.5	13460.9	14539.9	15676.1	16855.2	18037.7	19201.3	20191.0	21016.2
-35°	9701.9	10720.1	11746.4	12742.8	13742.2	14758.5	15852.7	16959.7	18000.8	18904.5	19710.0
-37.5°	9164.6	10145.6	11082.3	11989.2	12915.7	13855.5	14869.0	15886.0	16842.3	17660.2	18428.2
-40°	8629.9	9523.8	10372.2	11218.6	12068.0	12948.0	13864.8	14775.4	15614.8	16388.4	17104.1
-42.5°	8074.2	8856.7	9628.9	10416.9	11200.4	11994.0	12813.0	13641.1	14389.1	15094.7	15729.2
-45°	7513.7	8185.1	8867.3	9589.2	10304.6	11017.1	11726.1	12425.2	13125.5	13782.9	14318.8
-47.5°	6917.6	7523.5	8142.8	8763.4	9404.5	10054.9	10674.8	11279.9	11898.4	12486.0	12928.7
-50°	6316.0	6877.0	7436.8	7983.6	8550.3	9122.3	9687.1	10219.7	10737.9	11237.6	11583.7
-52.5°	5710.1	6228.9	6741.9	7236.4	7728.1	8215.7	8694.2	9166.6	9620.7	10049.0	10323.4
-55°	5134.7	5597.4	6048.4	6480.3	6914.3	7342.5	7764.5	8177.8	8569.7	8938.0	9149.6
-57.5°	4593.4	4996.5	5391.5	5763.3	6126.5	6479.4	6852.4	7227.9	7580.8	7897.2	8067.8
-60°	4066.1	4429.1	4768.1	5078.9	5390.5	5700.4	6014.6	6324.7	6626.8	6889.6	7036.4
-62.5°	3547.5	3857.7	4146.2	4413.6	4670.9	4926.9	5199.5	5461.1	5710.0	5912.8	6037.3
-65°	3093.1	3355.9	3571.9	3784.9	3996.3	4221.3	4447.7	4663.7	4868.1	5027.0	5131.9
-67.5°	2651.4	2867.5	3047.3	3224.0	3400.9	3579.9	3762.2	3938.8	4108.5	4237.0	4328.1
-70°	2231.4	2394.7	2535.5	2679.4	2825.9	2972.2	3118.7	3259.7	3394.4	3492.3	3565.6
-72.5°	1825.1	1951.3	2060.9	2172.6	2282.8	2396.1	2509.6	2618.6	2722.4	2792.5	2843.9
-75°	1426.5	1518.0	1605.9	1691.2	1773.3	1857.6	1941.1	2020.8	2096.3	2149.5	2191.8
-77.5°	1073.9	1139.0	1196.3	1252.5	1307.2	1365.8	1423.0	1477.0	1527.5	1564.4	1595.5
-80°	752.3	794.3	830.9	865.3	897.5	933.8	969.3	1002.9	1034.3	1055.9	1073.0
-82.5°	466.9	491.5	513.5	533.7	552.2	571.2	588.8	604.8	619.2	636.0	651.6
-85°	242.2	252.3	261.7	270.3	278.3	286.1	293.1	299.3	304.8	307.9	310.0
-87.5°	94.1	96.5	98.6	100.6	102.4	104.9	107.2	109.4	111.4	113.3	115.0
-90°	5.4	5.0	4.5	4.1	3.6	3.6	3.6	3.6	3.6	3.6	3.6



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	22.9	23.3	23.3	23.3	23.3	23.3	22.9	22.4	22.0	21.5	21.1
87.5°	12.0	10.7	9.8	9.0	9.8	10.7	12.0	13.3	14.5	15.7	13.4
85°	22.2	19.7	17.9	16.1	17.9	19.7	22.2	24.7	27.2	29.4	27.2
82.5°	24.2	23.3	23.3	23.3	23.3	23.3	24.2	25.1	26.2	27.3	28.7
80°	29.4	28.6	29.5	30.4	29.5	28.6	29.4	30.2	30.9	31.8	34.8
77.5°	31.3	30.4	30.4	30.4	30.4	30.4	31.3	32.2	33.0	34.4	39.3
75°	30.5	30.4	29.6	28.7	29.6	30.4	30.5	30.6	30.8	32.2	38.0
72.5°	25.9	25.3	25.1	25.1	25.1	25.3	25.9	26.6	27.2	28.8	33.2
70°	24.1	25.0	24.3	23.3	24.3	25.0	24.1	23.5	23.0	23.8	26.9
67.5°	20.0	19.9	19.7	19.7	19.7	19.9	20.0	20.2	20.2	20.7	22.1
65°	17.0	16.3	16.1	16.1	16.1	16.3	17.0	17.6	18.2	18.8	19.5
62.5°	15.1	14.5	14.3	14.3	14.3	14.5	15.1	15.7	16.4	17.3	18.3
60°	17.1	16.3	15.3	14.3	15.3	16.3	17.1	17.8	18.4	18.7	19.0
57.5°	18.5	18.0	17.9	17.9	17.9	18.0	18.5	19.0	19.6	20.4	21.0
55°	20.2	19.8	19.7	19.7	19.7	19.8	20.2	20.5	20.9	21.6	22.4
52.5°	24.2	23.5	22.6	21.5	22.6	23.5	24.2	24.7	25.1	25.8	25.7
50°	38.3	36.4	35.6	35.8	35.6	36.4	38.3	39.1	39.3	39.0	36.7
47.5°	70.7	70.7	70.3	69.8	70.3	70.7	70.7	69.4	69.6	68.9	63.6
45°	120.3	115.5	110.9	109.2	110.9	115.5	120.3	120.9	123.1	121.7	114.3
42.5°	211.5	210.4	206.7	202.4	206.7	210.4	211.5	207.4	213.6	207.9	195.3
40°	367.5	362.5	353.9	356.4	353.9	362.5	367.5	363.3	379.1	359.0	360.7
37.5°	765.4	728.6	673.0	673.4	673.0	728.6	765.4	789.6	802.4	655.2	779.4
35°	1791.5	1821.6	1786.0	1785.6	1786.0	1821.6	1791.5	1802.5	1805.6	1685.1	1776.6
32.5°	3428.4	3378.6	3176.6	3071.5	3176.6	3378.6	3428.4	3536.3	3453.1	3371.6	3391.5
30°	6458.8	6490.9	6188.1	6194.9	6188.1	6490.9	6458.8	6466.0	6061.2	6101.3	5859.6
27.5°	11051.9	11297.8	11233.2	11125.3	11233.2	11297.8	11051.9	10826.2	10266.5	10033.6	9439.6
25°	16526.7	16711.9	16587.8	16512.5	16587.8	16711.9	16526.7	16082.8	15406.0	14740.0	13890.2
22.5°	22848.3	23106.2	23041.4	22714.5	23041.4	23106.2	22848.3	22105.4	21340.3	20088.8	18955.8
20°	29846.6	30288.3	30545.0	30379.7	30545.0	30288.3	29846.6	28841.8	27621.7	26006.3	24270.7
17.5°	36683.9	37253.5	37690.2	37837.2	37690.2	37253.5	36683.9	35379.4	33542.6	31483.1	29275.1
15°	42433.2	43247.7	43821.4	44024.9	43821.4	43247.7	42433.2	40901.7	38633.2	36210.9	33483.3
12.5°	46559.1	47619.3	48292.1	48494.2	48292.1	47619.3	46559.1	44765.4	42636.9	39791.3	36897.5
10°	48828.0	50164.3	50930.2	51249.5	50930.2	50164.3	48828.0	47232.6	44945.9	42198.9	38954.2
7.5°	50095.6	51302.6	52026.2	52133.4	52026.2	51302.6	50095.6	48225.8	46125.7	43296.8	40030.7
5°	50507.0	51603.5	52200.8	52256.0	52200.8	51603.5	50507.0	48701.9	46517.0	43726.7	40306.9
2.5°	50687.2	51613.9	52054.4	51941.7	52054.4	51613.9	50687.2	48949.9	46823.1	44131.5	40824.4
0°	50594.9	51423.2	51890.7	51960.5	51890.7	51423.2	50594.9	49157.7	47005.0	44383.1	41014.3
-2.5°	49843.6	50460.5	50791.9	50578.8	50791.9	50460.5	49843.6	48537.2	46450.2	43794.4	40603.5
-5°	48130.6	48574.3	48712.9	48790.6	48712.9	48574.3	48130.6	47064.5	45144.6	42489.5	39490.0
-7.5°	45654.7	46016.8	46153.5	46057.6	46153.5	46016.8	45654.7	44558.9	42730.4	40386.2	37400.6
-10°	42391.2	42723.1	42839.1	42773.0	42839.1	42723.1	42391.2	41419.3	39659.1	37458.0	34827.4
-12.5°	39087.8	39481.2	39571.4	39577.0	39571.4	39481.2	39087.8	38132.3	36537.6	34557.6	32131.4
-15°	35840.4	36290.1	36427.6	36547.7	36427.6	36290.1	35840.4	34921.7	33515.8	31671.3	29486.3
-17.5°	32649.5	33096.2	33212.2	33055.4	33212.2	33096.2	32649.5	31768.1	30526.1	28869.8	26875.9
-20°	30026.7	30258.2	30505.3	30503.3	30505.3	30258.2	30026.7	29331.2	28096.3	26588.2	24816.3



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27860.3	28243.1	28453.6	28603.1	28453.6	28243.1	27860.3	27280.1	26105.5	24673.0	23069.2
-25°	25828.6	26153.7	26284.4	26384.1	26284.4	26153.7	25828.6	25214.0	24209.0	22911.7	21390.5
-27.5°	24263.5	24593.4	24780.0	24890.5	24780.0	24593.4	24263.5	23645.0	22768.2	21520.7	20151.8
-30°	23015.3	23339.4	23561.7	23701.3	23561.7	23339.4	23015.3	22328.5	21485.7	20354.6	19098.6
-32.5°	21670.3	22009.3	22241.0	22385.0	22241.0	22009.3	21670.3	21016.2	20191.0	19201.3	18037.7
-35°	20272.5	20611.7	20861.8	20979.1	20861.8	20611.7	20272.5	19710.0	18904.5	18000.8	16959.7
-37.5°	18914.7	19231.2	19452.2	19539.1	19452.2	19231.2	18914.7	18428.2	17660.2	16842.3	15886.0
-40°	17499.2	17797.9	18003.2	18083.1	18003.2	17797.9	17499.2	17104.1	16388.4	15614.8	14775.4
-42.5°	16072.0	16350.7	16540.2	16619.9	16540.2	16350.7	16072.0	15729.2	15094.7	14389.1	13641.1
-45°	14626.2	14874.0	15034.6	15095.8	15034.6	14874.0	14626.2	14318.8	13782.9	13125.5	12425.2
-47.5°	13203.2	13426.7	13564.7	13609.3	13564.7	13426.7	13203.2	12928.7	12486.0	11898.4	11279.9
-50°	11814.0	11997.1	12123.4	12194.5	12123.4	11997.1	11814.0	11583.7	11237.6	10737.9	10219.7
-52.5°	10529.2	10695.4	10794.5	10833.4	10794.5	10695.4	10529.2	10323.4	10049.0	9620.7	9166.6
-55°	9324.9	9468.8	9553.0	9586.9	9553.0	9468.8	9324.9	9149.6	8938.0	8569.7	8177.8
-57.5°	8212.8	8330.8	8410.1	8455.0	8410.1	8330.8	8212.8	8067.8	7897.2	7580.8	7227.9
-60°	7158.4	7255.1	7321.7	7360.8	7321.7	7255.1	7158.4	7036.4	6889.6	6626.8	6324.7
-62.5°	6140.6	6222.7	6276.7	6307.7	6276.7	6222.7	6140.6	6037.3	5912.8	5710.0	5461.1
-65°	5220.4	5292.4	5327.2	5340.6	5327.2	5292.4	5220.4	5131.9	5027.0	4868.1	4663.7
-67.5°	4406.2	4471.0	4494.5	4498.8	4494.5	4471.0	4406.2	4328.1	4237.0	4108.5	3938.8
-70°	3629.0	3681.8	3699.7	3701.9	3699.7	3681.8	3629.0	3565.6	3492.3	3394.4	3259.7
-72.5°	2886.3	2919.6	2945.3	2962.2	2945.3	2919.6	2886.3	2843.9	2792.5	2722.4	2618.6
-75°	2227.3	2255.8	2268.1	2272.7	2268.1	2255.8	2227.3	2191.8	2149.5	2096.3	2020.8
-77.5°	1622.0	1643.7	1648.7	1647.7	1648.7	1643.7	1622.0	1595.5	1564.4	1527.5	1477.0
-80°	1086.6	1096.7	1103.3	1106.8	1103.3	1096.7	1086.6	1073.0	1055.9	1034.3	1002.9
-82.5°	665.7	677.9	665.3	650.1	665.3	677.9	665.7	651.6	636.0	619.2	604.8
-85°	311.4	311.9	313.0	313.4	313.0	311.9	311.4	310.0	307.9	304.8	299.3
-87.5°	116.5	117.8	117.2	116.4	117.2	117.8	116.5	115.0	113.3	111.4	109.4
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	20.6	20.2	19.7	19.3	18.8	18.4	17.9	17.0	16.1	15.2	14.3
87.5°	11.1	9.0	6.9	7.6	8.4	9.1	9.7	9.3	8.8	8.4	8.0
85°	25.0	22.6	20.3	20.2	20.1	20.0	19.9	19.5	18.9	18.1	17.2
82.5°	29.9	30.7	31.2	33.7	35.6	36.9	37.5	37.3	36.6	35.2	33.2
80°	37.6	40.1	42.7	47.9	52.5	56.4	59.4	60.7	61.5	61.3	59.3
77.5°	44.0	48.3	53.1	60.7	67.8	74.4	79.9	83.1	84.7	85.5	83.0
75°	43.9	49.7	57.2	67.8	77.9	87.3	94.4	99.3	103.3	106.3	103.6
72.5°	38.1	43.6	52.5	66.0	80.1	92.1	101.9	110.0	117.2	123.3	119.1
70°	30.3	34.2	42.2	54.1	67.1	81.0	95.8	110.5	125.1	134.6	127.8
67.5°	23.9	26.2	32.7	42.3	53.4	66.0	80.9	97.9	114.4	129.7	126.7
65°	20.3	21.1	25.1	31.9	40.4	50.6	63.2	78.1	95.6	113.1	113.7
62.5°	19.1	19.7	22.1	25.8	30.6	37.1	46.6	59.7	74.7	86.8	91.1
60°	19.4	20.0	21.6	23.5	25.5	28.8	36.3	45.1	55.4	65.5	70.8
57.5°	21.4	21.8	22.5	23.5	24.8	27.8	31.6	35.7	44.2	50.0	54.5
55°	23.0	23.6	24.1	24.6	25.3	27.9	30.8	34.4	38.1	40.0	45.5
52.5°	24.9	26.4	27.1	26.7	27.6	29.6	30.9	33.9	37.0	39.2	40.6
50°	35.2	37.1	35.7	32.6	35.6	35.2	34.9	35.6	39.2	41.2	41.1
47.5°	63.1	63.6	57.6	53.7	57.0	52.7	49.4	46.6	52.2	46.9	46.3
45°	118.8	116.1	102.2	103.7	99.9	93.1	78.8	86.4	79.8	71.6	54.9
42.5°	208.2	204.0	189.6	197.7	183.6	165.8	157.9	166.0	139.0	112.9	119.0
40°	378.0	329.7	357.5	370.2	333.8	281.2	353.7	303.9	258.9	186.2	245.1
37.5°	788.9	643.0	773.7	777.5	673.7	619.7	698.2	629.4	439.5	464.8	473.0
35°	1693.0	1612.1	1582.8	1526.6	1332.5	1397.2	1252.1	1107.7	951.3	899.7	814.2
32.5°	3065.8	3151.8	2948.8	2699.6	2675.9	2542.9	2242.0	1806.0	1807.7	1629.8	1331.7
30°	5450.8	5335.4	4971.5	4558.2	4549.7	4210.2	3539.5	3248.0	2978.7	2574.7	2006.6
27.5°	9036.7	8238.2	7664.4	7342.3	6865.3	6306.2	5647.3	4965.6	4390.5	3774.7	3010.3
25°	13263.5	12269.7	11242.0	10560.3	9730.1	8847.5	8028.9	7072.9	6110.7	5144.9	4176.3
22.5°	17797.9	16590.9	15337.1	14069.2	12827.4	11694.9	10608.9	9341.1	7873.9	6518.1	5397.9
20°	22455.4	20806.6	19294.8	17535.7	15852.6	14474.2	13246.6	11500.6	9541.8	7894.0	6587.4
17.5°	26881.1	24779.1	22649.3	20464.8	18644.0	17150.7	15251.1	13209.6	11099.6	9188.0	7723.7
15°	30863.8	27972.4	25436.6	23135.3	20937.5	18773.2	16781.8	14762.9	12555.7	10488.4	8761.7
12.5°	33621.4	30591.2	27868.7	24966.0	22402.7	20137.7	18116.0	16091.7	13774.6	11349.7	9340.9
10°	35642.6	32358.6	29180.0	26220.0	23642.8	21346.5	19100.7	16800.0	14295.4	11865.9	9822.2
7.5°	36573.2	33292.6	30166.0	27122.8	24431.6	22029.1	19644.0	17248.9	14667.8	12223.5	10208.7
5°	37007.0	33864.3	30758.5	27587.6	24885.7	22510.9	20086.1	17590.0	14894.7	12438.7	10505.0
2.5°	37403.6	34172.4	31052.8	27785.2	25154.4	22837.9	20472.1	17934.3	15176.7	12663.0	10694.6
0°	37667.0	34488.1	31330.7	27913.6	25306.0	23040.4	20807.1	18240.7	15421.8	12819.5	10808.3
-2.5°	37213.9	34017.0	30911.1	27652.3	24986.8	22754.6	20564.8	18113.7	15374.2	12819.4	10812.9
-5°	36225.1	33070.7	30028.5	26917.8	24258.8	22042.2	19932.9	17643.0	15095.5	12679.8	10748.0
-7.5°	34374.1	31555.0	28793.9	25899.2	23282.0	21073.9	19009.0	16831.2	14482.3	12218.7	10365.2
-10°	32013.9	29423.6	26844.6	24281.5	21979.7	19947.3	17982.0	15944.6	13771.3	11666.3	9920.4
-12.5°	29667.0	27196.9	24740.6	22387.5	20379.8	18508.5	16762.7	14970.2	12976.2	11025.6	9420.5
-15°	27132.9	24904.7	22737.2	20640.6	18698.6	16989.6	15445.8	13845.6	12076.5	10331.7	8870.3
-17.5°	24929.7	22713.7	20726.1	19031.8	17266.2	15529.2	14146.7	12744.9	11236.2	9729.4	8398.9
-20°	22981.4	21102.5	19170.1	17551.6	16043.1	14532.7	13045.4	11713.7	10456.7	9182.6	7991.6



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21401.1	19700.5	17995.3	16350.0	14923.0	13634.1	12327.4	11003.6	9728.8	8622.4	7597.5
-25°	19996.2	18390.6	16894.8	15505.5	14056.6	12780.4	11674.6	10501.6	9285.8	8127.1	7233.6
-27.5°	18821.0	17358.5	16010.4	14753.8	13450.7	12198.2	11103.9	10018.7	8890.4	7849.5	6932.1
-30°	17812.3	16541.3	15293.9	14110.5	12918.4	11740.6	10606.9	9577.2	8530.5	7549.1	6681.1
-32.5°	16855.2	15676.1	14539.9	13460.9	12351.5	11246.9	10183.4	9130.9	8123.9	7244.5	6439.3
-35°	15852.7	14758.5	13742.2	12742.8	11746.4	10720.1	9701.9	8670.7	7731.9	6906.9	6159.4
-37.5°	14869.0	13855.5	12915.7	11989.2	11082.3	10145.6	9164.6	8224.8	7336.9	6550.7	5843.1
-40°	13864.8	12948.0	12068.0	11218.6	10372.2	9523.8	8629.9	7757.1	6943.4	6159.4	5495.1
-42.5°	12813.0	11994.0	11200.4	10416.9	9628.9	8856.7	8074.2	7286.1	6522.0	5792.7	5126.2
-45°	11726.1	11017.1	10304.6	9589.2	8867.3	8185.1	7513.7	6792.1	6082.5	5404.0	4745.6
-47.5°	10674.8	10054.9	9404.5	8763.4	8142.8	7523.5	6917.6	6276.9	5626.1	4990.7	4405.7
-50°	9687.1	9122.3	8550.3	7983.6	7436.8	6877.0	6316.0	5752.4	5153.5	4585.8	4051.9
-52.5°	8694.2	8215.7	7728.1	7236.4	6741.9	6228.9	5710.1	5208.1	4679.6	4182.1	3709.6
-55°	7764.5	7342.5	6914.3	6480.3	6048.4	5597.4	5134.7	4678.4	4233.9	3782.8	3376.6
-57.5°	6852.4	6479.4	6126.5	5763.3	5391.5	4996.5	4593.4	4185.9	3793.6	3408.2	3041.1
-60°	6014.6	5700.4	5390.5	5078.9	4768.1	4429.1	4066.1	3708.5	3357.8	3037.5	2726.0
-62.5°	5199.5	4926.9	4670.9	4413.6	4146.2	3857.7	3547.5	3256.7	2964.2	2676.6	2424.1
-65°	4447.7	4221.3	3996.3	3784.9	3571.9	3355.9	3093.1	2836.0	2589.7	2352.6	2131.8
-67.5°	3762.2	3579.9	3400.9	3224.0	3047.3	2867.5	2651.4	2433.0	2230.8	2038.7	1851.0
-70°	3118.7	2972.2	2825.9	2679.4	2535.5	2394.7	2231.4	2059.2	1891.1	1727.7	1564.1
-72.5°	2509.6	2396.1	2282.8	2172.6	2060.9	1951.3	1825.1	1684.1	1544.4	1406.9	1274.1
-75°	1941.1	1857.6	1773.3	1691.2	1605.9	1518.0	1426.5	1321.4	1215.6	1109.6	1004.4
-77.5°	1423.0	1365.8	1307.2	1252.5	1196.3	1139.0	1073.9	990.1	911.0	832.8	756.7
-80°	969.3	933.8	897.5	865.3	830.9	794.3	752.3	692.7	633.6	578.8	529.2
-82.5°	588.8	571.2	552.2	533.7	513.5	491.5	466.9	432.2	398.0	364.5	331.9
-85°	293.1	286.1	278.3	270.3	261.7	252.3	242.2	227.4	212.2	196.4	180.2
-87.5°	107.2	104.9	102.4	100.6	98.6	96.5	94.1	88.7	83.3	77.9	72.5
-90°	3.6	3.6	3.6	4.1	4.5	5.0	5.4	5.4	5.4	5.4	5.4



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	13.9	13.4	13.0	12.5	12.5	12.5	12.5	12.5	12.1	11.6	11.2
87.5°	9.4	10.6	11.7	12.6	11.9	11.2	10.5	9.9	10.3	10.6	10.8
85°	17.6	18.1	18.8	19.7	18.6	17.0	15.7	14.5	14.8	14.9	14.8
82.5°	30.0	28.4	27.5	27.0	26.8	26.0	24.5	22.3	20.2	19.2	18.9
80°	53.1	47.5	42.5	38.2	35.9	35.1	34.1	31.8	26.9	23.6	21.9
77.5°	74.5	66.7	59.7	52.6	46.4	42.2	40.0	39.0	33.4	27.8	24.2
75°	94.0	83.9	74.3	65.0	56.0	48.6	43.5	40.2	35.8	31.5	26.3
72.5°	107.1	96.2	86.4	76.2	64.4	54.6	46.8	41.2	36.8	32.3	27.9
70°	116.3	105.6	94.4	82.8	71.1	59.9	50.1	43.4	37.7	33.1	28.6
67.5°	121.8	109.8	98.8	88.2	76.3	64.4	53.0	45.7	39.8	33.9	29.2
65°	109.6	105.7	101.1	89.9	79.3	68.4	56.3	48.3	41.8	35.7	29.8
62.5°	93.7	93.7	91.1	88.3	80.0	69.6	59.7	51.4	43.8	37.3	31.0
60°	74.2	77.5	80.1	79.4	76.6	69.5	60.9	54.3	46.2	38.9	32.3
57.5°	59.9	62.2	67.3	70.4	69.5	66.2	61.6	55.8	48.4	40.6	33.7
55°	49.0	53.2	57.3	60.9	62.6	60.7	61.3	56.6	50.1	42.2	35.3
52.5°	43.4	47.6	51.7	54.2	56.1	56.9	59.7	57.5	51.0	43.5	37.1
50°	41.7	46.1	49.2	51.1	51.3	55.5	59.1	57.8	52.0	44.6	39.0
47.5°	48.0	51.7	50.6	50.3	50.2	55.6	59.8	58.8	52.9	45.5	41.1
45°	71.4	65.5	58.8	53.8	53.9	59.6	61.8	60.7	54.8	48.0	43.4
42.5°	113.2	101.7	77.8	58.8	69.0	66.1	65.0	63.7	57.3	51.0	46.0
40°	229.0	160.3	110.8	102.7	94.8	74.8	72.2	67.7	60.7	54.8	48.9
37.5°	390.4	282.9	179.5	183.3	141.2	106.4	81.1	72.7	66.6	59.7	52.0
35°	670.4	472.0	374.0	332.9	239.2	145.4	91.3	79.7	73.7	64.9	55.3
32.5°	1016.7	829.3	732.1	560.8	361.7	191.6	119.5	93.0	81.7	70.2	58.9
30°	1601.8	1446.8	1173.6	840.5	534.6	305.3	168.9	108.2	90.5	75.8	62.8
27.5°	2484.2	2175.1	1711.1	1244.4	801.4	443.4	241.8	125.2	100.1	82.1	67.3
25°	3445.2	3000.4	2411.1	1724.8	1101.8	662.9	331.0	145.7	112.8	89.8	71.8
22.5°	4506.7	3853.4	3183.6	2249.9	1435.2	917.7	473.0	213.8	127.7	97.7	76.4
20°	5523.8	4721.7	3956.1	2662.1	1791.1	1214.3	670.9	290.1	143.2	105.9	80.9
17.5°	6511.6	5434.6	4373.7	3111.1	2140.3	1494.3	884.8	372.8	159.3	114.2	85.4
15°	7185.2	5910.8	4764.6	3512.1	2452.1	1757.6	1109.7	459.7	175.5	122.5	92.1
12.5°	7701.3	6342.3	5137.9	3865.3	2728.5	2004.2	1340.3	548.7	191.8	135.3	101.9
10°	8144.6	6728.0	5487.9	4171.3	2971.4	2233.9	1570.9	632.7	217.0	151.8	111.7
7.5°	8516.7	7067.3	5809.0	4431.2	3169.9	2385.5	1712.3	700.9	243.0	168.3	121.3
5°	8807.0	7318.6	6062.8	4608.3	3273.1	2453.6	1819.3	760.5	268.3	184.5	130.8
2.5°	8979.9	7455.2	6254.7	4739.9	3355.5	2503.9	1902.5	810.7	292.5	200.1	139.9
0°	9092.6	7543.4	6399.0	4830.2	3415.3	2537.8	1961.1	850.7	315.2	214.9	148.6
-2.5°	9135.5	7556.5	6419.8	4945.4	3537.0	2642.7	2018.1	961.8	421.6	287.9	195.4
-5°	9111.8	7529.5	6398.5	5017.9	3633.0	2730.1	2053.9	1061.9	524.6	358.7	241.0
-7.5°	8827.0	7370.6	6288.0	5028.8	3702.4	2796.9	2072.5	1151.1	622.8	426.3	284.6
-10°	8446.8	7115.3	6058.4	4877.4	3695.0	2837.1	2082.4	1229.5	714.5	489.6	325.8
-12.5°	8025.0	6826.6	5809.2	4712.2	3661.6	2858.9	2109.8	1302.6	798.5	547.7	363.7
-15°	7568.5	6506.9	5547.2	4541.6	3615.0	2870.0	2124.6	1365.2	874.3	602.7	397.9
-17.5°	7119.3	6158.3	5278.8	4373.7	3558.3	2872.0	2128.7	1413.7	941.3	655.8	434.4
-20°	6875.3	5905.1	5015.0	4215.6	3494.1	2866.6	2124.1	1447.4	998.8	702.6	471.8



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6631.6	5739.2	4888.3	4103.4	3439.9	2855.4	2112.4	1466.0	1045.9	742.6	504.3
-25°	6375.4	5564.8	4765.7	4024.0	3403.7	2814.4	2106.5	1469.2	1082.1	775.4	531.6
-27.5°	6148.8	5388.5	4623.8	3913.9	3332.6	2771.1	2097.2	1504.0	1110.6	800.6	553.3
-30°	5936.5	5210.4	4473.7	3784.9	3235.9	2666.3	2069.6	1526.0	1136.0	822.2	569.2
-32.5°	5717.3	5015.2	4293.0	3658.9	3107.5	2547.5	1991.7	1532.7	1151.1	838.3	582.8
-35°	5461.6	4778.5	4081.9	3502.6	2963.4	2424.9	1904.5	1523.7	1155.6	846.3	591.4
-37.5°	5171.4	4501.5	3882.5	3326.6	2809.1	2293.1	1841.1	1478.7	1149.5	846.0	593.7
-40°	4850.4	4224.5	3653.9	3147.8	2652.6	2152.7	1765.6	1431.2	1138.8	837.3	589.7
-42.5°	4512.7	3954.2	3435.5	2958.3	2490.3	2055.0	1681.1	1374.7	1100.1	824.1	579.1
-45°	4197.1	3679.1	3209.3	2765.9	2328.0	1945.2	1608.2	1310.9	1051.2	804.3	564.7
-47.5°	3871.5	3413.4	2980.2	2562.6	2190.4	1830.4	1525.2	1247.6	995.6	775.6	548.1
-50°	3564.4	3146.2	2749.7	2379.5	2033.4	1726.4	1435.5	1176.1	940.0	727.6	526.0
-52.5°	3275.5	2888.1	2531.7	2195.6	1894.3	1611.7	1345.3	1097.8	878.0	680.9	498.5
-55°	2988.6	2642.2	2318.8	2025.6	1752.4	1495.3	1246.5	1019.0	810.0	631.9	466.6
-57.5°	2712.4	2398.5	2123.6	1860.1	1607.1	1369.9	1144.9	933.4	743.9	578.3	435.8
-60°	2434.8	2180.5	1932.8	1687.9	1455.3	1240.4	1038.8	844.5	674.5	522.2	397.0
-62.5°	2183.2	1955.2	1731.0	1506.9	1300.7	1108.5	927.5	756.6	600.0	469.8	353.9
-65°	1925.4	1721.0	1519.6	1327.7	1144.2	973.1	817.2	662.9	531.0	414.2	311.4
-67.5°	1664.5	1486.0	1315.1	1144.7	988.9	841.8	701.0	575.6	460.9	355.6	274.8
-70°	1404.0	1249.8	1109.8	972.2	836.2	708.0	596.3	489.1	387.5	308.0	236.3
-72.5°	1149.1	1028.7	913.4	797.9	689.2	586.8	490.8	403.0	327.7	258.8	196.3
-75°	902.8	812.5	725.7	637.5	546.9	463.0	394.9	330.2	266.2	207.7	161.4
-77.5°	683.9	612.4	542.7	481.3	419.0	360.5	306.3	255.1	206.0	164.6	127.8
-80°	481.8	435.4	390.2	345.7	299.1	256.1	221.7	188.4	153.1	121.3	93.3
-82.5°	299.6	273.2	248.6	223.8	197.0	171.3	146.9	123.6	99.0	77.2	64.2
-85°	164.4	148.6	132.7	116.9	100.9	85.8	78.6	71.4	62.7	54.4	46.6
-87.5°	68.6	64.6	60.6	56.6	52.9	49.2	45.6	42.0	37.4	33.0	28.9
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.9	6.3	6.8



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.7	10.3	9.9	9.4	9.0	8.1	7.2
87.5°	10.9	10.4	10.0	9.7	9.6	8.4	7.2
85°	14.6	13.0	11.8	10.9	10.2	8.6	7.2
82.5°	18.2	15.7	13.6	12.0	10.8	8.9	7.2
80°	21.5	18.3	15.4	13.2	11.4	9.2	7.2
77.5°	22.3	20.1	17.2	14.3	12.0	9.4	7.2
75°	23.0	20.5	18.6	15.3	12.6	9.7	7.2
72.5°	23.7	20.8	18.7	16.4	13.1	9.9	7.2
70°	24.3	21.0	18.7	17.2	13.7	10.1	7.2
67.5°	25.0	21.2	18.7	17.0	14.2	10.4	7.2
65°	25.7	21.7	18.6	16.9	14.7	10.6	7.2
62.5°	26.5	22.4	18.5	16.7	15.2	10.8	7.2
60°	27.2	23.1	18.3	16.4	15.6	11.0	7.2
57.5°	28.6	23.8	18.9	16.2	15.5	11.2	7.2
55°	30.0	24.5	19.5	15.9	15.3	11.4	7.2
52.5°	31.3	25.3	20.1	15.6	15.2	11.6	7.2
50°	32.7	26.4	20.7	15.2	15.1	11.7	7.2
47.5°	34.1	27.5	21.3	15.1	15.0	11.9	7.2
45°	36.1	28.6	21.9	15.5	15.0	12.0	7.2
42.5°	38.2	29.6	22.4	15.9	14.9	12.2	7.2
40°	40.4	30.6	23.1	16.6	14.9	12.3	7.2
37.5°	42.6	31.5	23.8	17.4	14.9	12.4	7.2
35°	44.9	32.9	24.4	18.3	14.9	12.5	7.2
32.5°	47.4	34.7	25.0	19.2	14.9	12.6	7.2
30°	50.2	36.4	25.6	20.1	15.0	12.6	7.2
27.5°	53.0	38.2	27.4	21.0	15.0	12.7	7.2
25°	55.8	39.8	29.5	22.0	15.1	12.7	7.2
22.5°	58.7	42.3	31.7	22.9	15.2	12.8	7.2
20°	61.6	46.9	33.9	23.9	15.3	12.8	7.2
17.5°	66.8	51.5	36.3	24.8	15.4	12.8	7.2
15°	73.5	56.2	38.6	25.7	15.5	12.8	7.2
12.5°	80.2	60.9	41.0	26.6	15.6	12.8	7.2
10°	86.7	65.5	43.3	27.5	15.7	12.7	7.2
7.5°	93.1	70.0	45.6	28.3	15.8	12.7	7.2
5°	99.4	74.3	47.8	29.1	15.9	12.6	7.2
2.5°	105.3	78.5	49.9	29.8	16.0	12.6	7.2
0°	111.0	82.4	51.9	30.4	16.1	12.5	7.2
-2.5°	138.9	98.5	60.3	34.1	17.3	12.7	7.2
-5°	166.0	114.1	68.5	37.7	18.6	12.9	7.2
-7.5°	192.1	129.0	76.3	41.2	19.8	13.2	7.2
-10°	216.9	143.1	83.7	44.4	20.9	13.3	7.2
-12.5°	239.9	156.1	90.5	47.4	22.0	13.5	7.2
-15°	260.9	167.8	96.6	50.2	23.0	13.7	7.2
-17.5°	279.6	178.2	102.1	52.6	23.9	13.8	7.2
-20°	300.0	187.1	106.8	54.7	24.8	13.9	7.2



REPORT NUMBER: P1305733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	324.3	194.2	110.6	56.4	25.5	14.0	7.2
-25°	345.1	205.2	113.5	57.8	26.2	14.1	7.2
-27.5°	362.0	216.3	115.4	58.7	26.7	14.2	7.2
-30°	374.8	224.9	116.8	59.1	27.1	14.2	7.2
-32.5°	383.3	230.9	121.2	59.1	27.4	14.2	7.2
-35°	389.4	234.3	124.1	58.7	27.6	14.2	7.2
-37.5°	392.3	235.9	125.4	57.7	27.6	14.1	7.2
-40°	391.2	236.7	125.1	56.3	27.5	14.1	7.2
-42.5°	385.9	235.0	124.5	55.0	27.2	14.0	7.2
-45°	376.6	230.7	123.7	54.3	26.9	13.8	7.2
-47.5°	363.1	223.9	121.6	52.9	26.4	13.7	7.2
-50°	349.9	214.4	118.1	52.5	25.7	13.5	7.2
-52.5°	333.6	202.5	113.4	51.9	24.9	13.3	7.2
-55°	313.9	192.5	107.4	50.8	24.0	13.1	7.2
-57.5°	290.7	181.3	100.1	49.1	23.0	12.8	7.2
-60°	265.2	168.3	91.9	46.9	21.8	12.6	7.2
-62.5°	244.0	153.5	86.1	44.1	21.1	12.3	7.2
-65°	220.3	137.1	79.5	40.9	20.2	12.0	7.2
-67.5°	194.5	121.8	72.0	37.2	19.3	11.6	7.2
-70°	166.6	108.0	63.7	33.0	18.3	11.3	7.2
-72.5°	143.3	93.1	54.8	30.2	17.3	10.9	7.2
-75°	119.6	77.2	45.2	27.6	16.2	10.6	7.2
-77.5°	94.6	60.5	39.1	24.9	15.0	10.2	7.2
-80°	68.6	48.6	33.6	22.0	13.9	9.8	7.2
-82.5°	53.3	39.3	27.8	18.9	12.7	9.4	7.2
-85°	39.3	29.8	21.9	15.8	11.5	8.9	7.2
-87.5°	25.1	20.1	15.9	12.6	10.2	8.5	7.2
-90°	7.2	7.7	8.1	8.6	9.0	8.1	7.2

(END OF REPORT)