

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: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/3/2026

Test Information

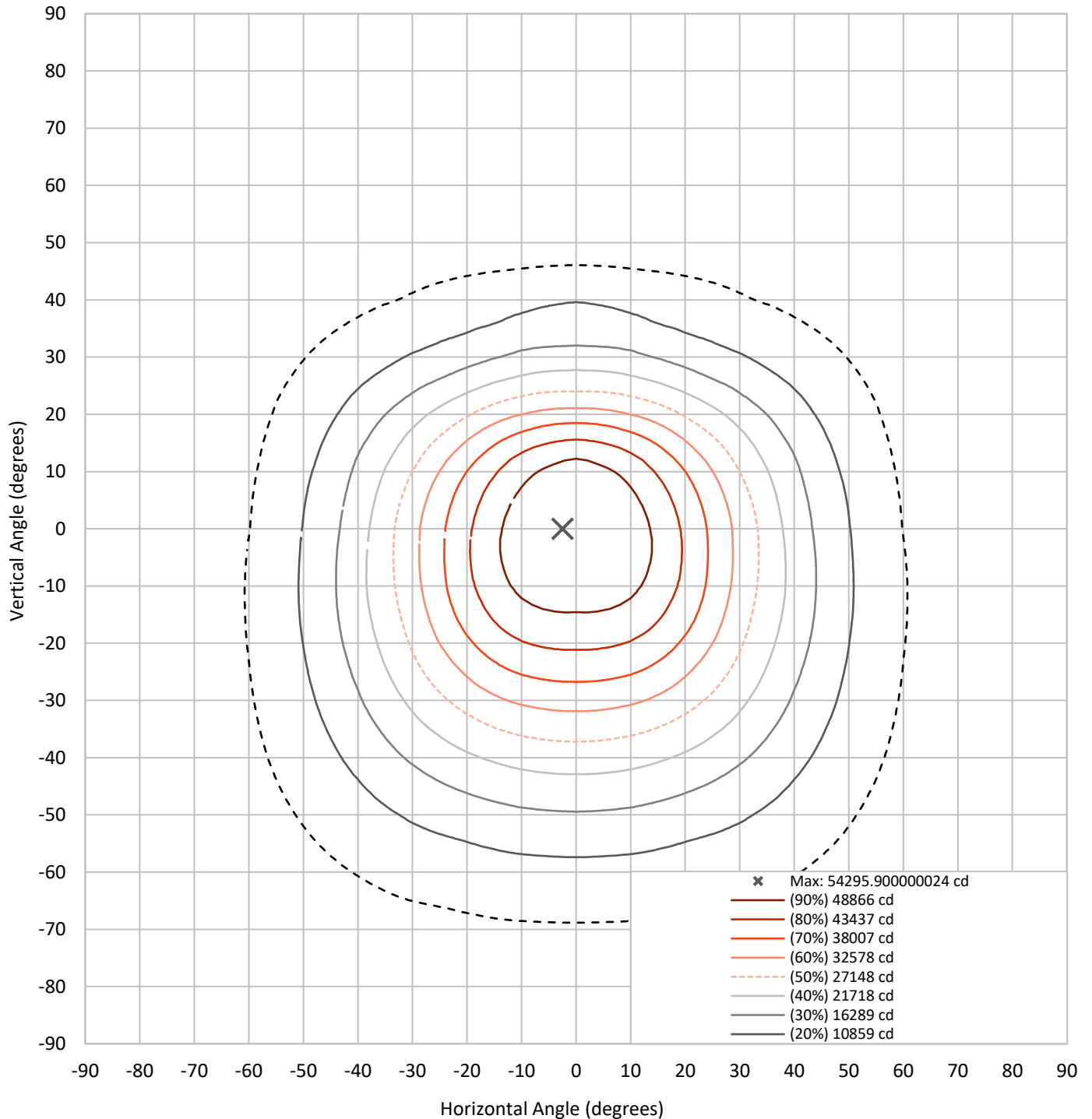
Test Method: LM-79-08
Report Number: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-640L-57-80-7F-VHE-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	72233.6 lumens	Max Intensity:	54295.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	111.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	66.6°H x 61.2°V	Field Angle (10%):	119.6°H x 114.9°V
Beam Lumens:	39219.3 lumens	Field Lumens:	67689.4 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
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		

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Iso-Candela Plot





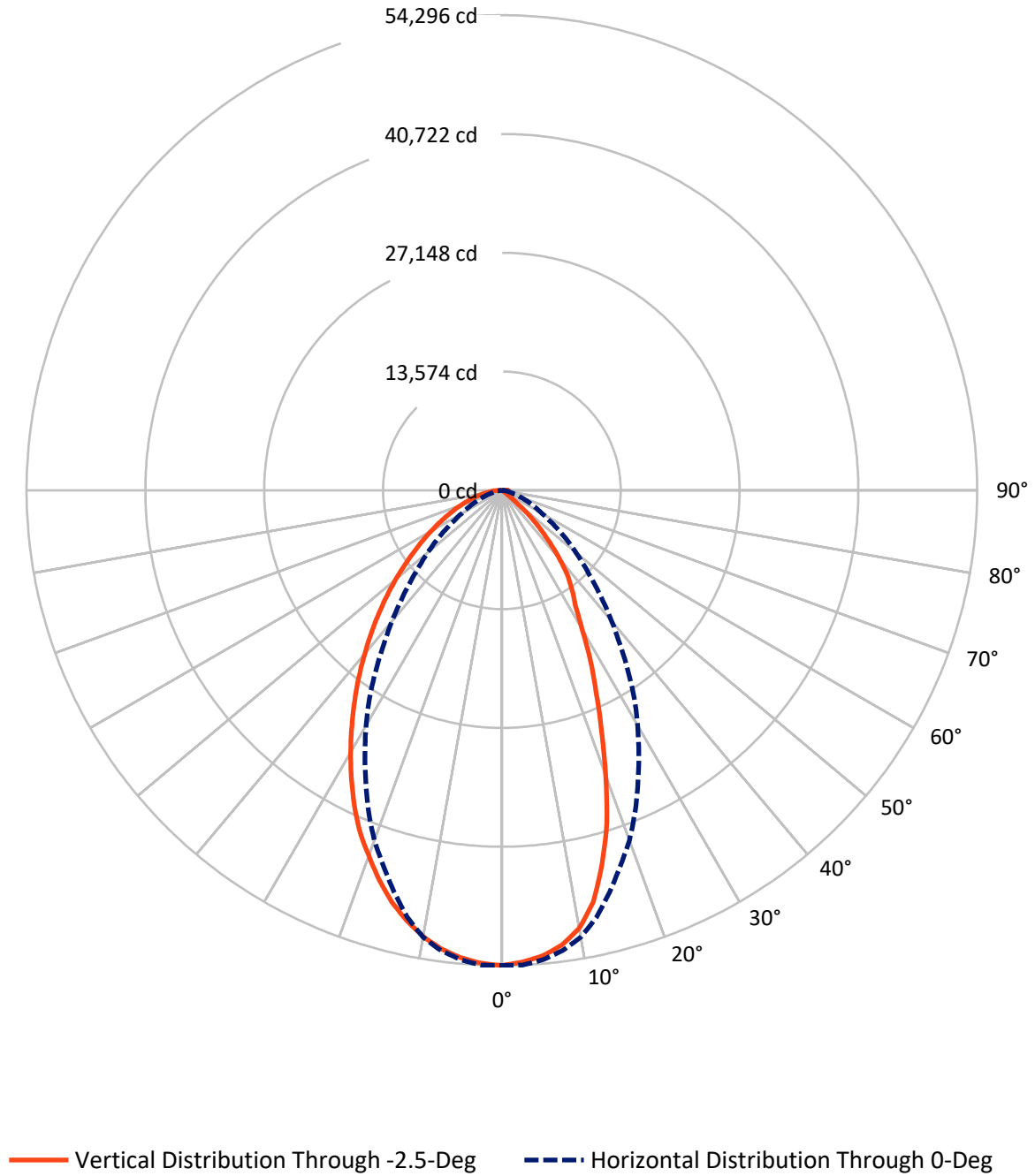
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Lumen Table

90																			
80	1.3	5.9		13.4		16.8		18.3		16.8		13.4		5.9		1.3			
70																			
60	4.3	2.9	4.1	4.6	3.6	2.1	1.5	1.2	1.2	1.5	2.1	3.6	4.6	4.1	2.9	4.3			
50		6.0	7.7	7.8	8.7	11.3	15.5	17.4	17.4	15.5	11.3	8.7	7.8	7.7	6.0				
40	11.2	11.7	21.8	43.2	75.3	116.7	156.1	184.0	184.0	156.1	116.7	75.3	43.2	21.8	11.7	11.2			
30		21.4	54.1	111.0	183.6	264.0	346.0	417.7	417.7	346.0	264.0	183.6	111.0	54.1	21.4				
20	19.8	31.5	86.9	183.7	321.9	489.8	662.7	773.9	773.9	662.7	489.8	321.9	183.7	86.9	31.5	19.8			
10		40.0	114.5	257.6	483.3	779.5	1088.5	1296.6	1296.6	1088.5	779.5	483.3	257.6	114.5	40.0				
0	25.0	46.6	134.4	309.0	596.0	971.3	1339.7	1580.7	1580.7	1339.7	971.3	596.0	309.0	134.4	46.6	25.0			
-10		50.7	146.1	333.0	635.9	1019.3	1393.4	1600.9	1600.9	1393.4	1019.3	635.9	333.0	146.1	50.7				
-20	26.4	51.8	146.5	329.3	609.5	961.7	1288.0	1454.6	1454.6	1288.0	961.7	609.5	329.3	146.5	51.8	26.4			
-30		49.3	135.2	295.3	532.8	813.1	1063.3	1191.7	1191.7	1063.3	813.1	532.8	295.3	135.2	49.3				
-40	22.0	44.1	116.7	244.5	424.3	623.2	789.6	880.6	880.6	789.6	623.2	424.3	244.5	116.7	44.1	22.0			
-50		36.8	93.2	185.9	309.0	435.3	539.1	598.1	598.1	539.1	435.3	309.0	185.9	93.2	36.8				
-60	14.1	28.4	68.4	129.2	205.2	277.7	338.3	372.4	372.4	338.3	277.7	205.2	129.2	68.4	28.4	14.1			
-70		19.5	44.7	80.9	123.9	161.7	194.7	211.6	211.6	194.7	161.7	123.9	80.9	44.7	19.5				
-80	6.3	52.0		145.7		237.7		277.0		237.7		145.7		52.0		6.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

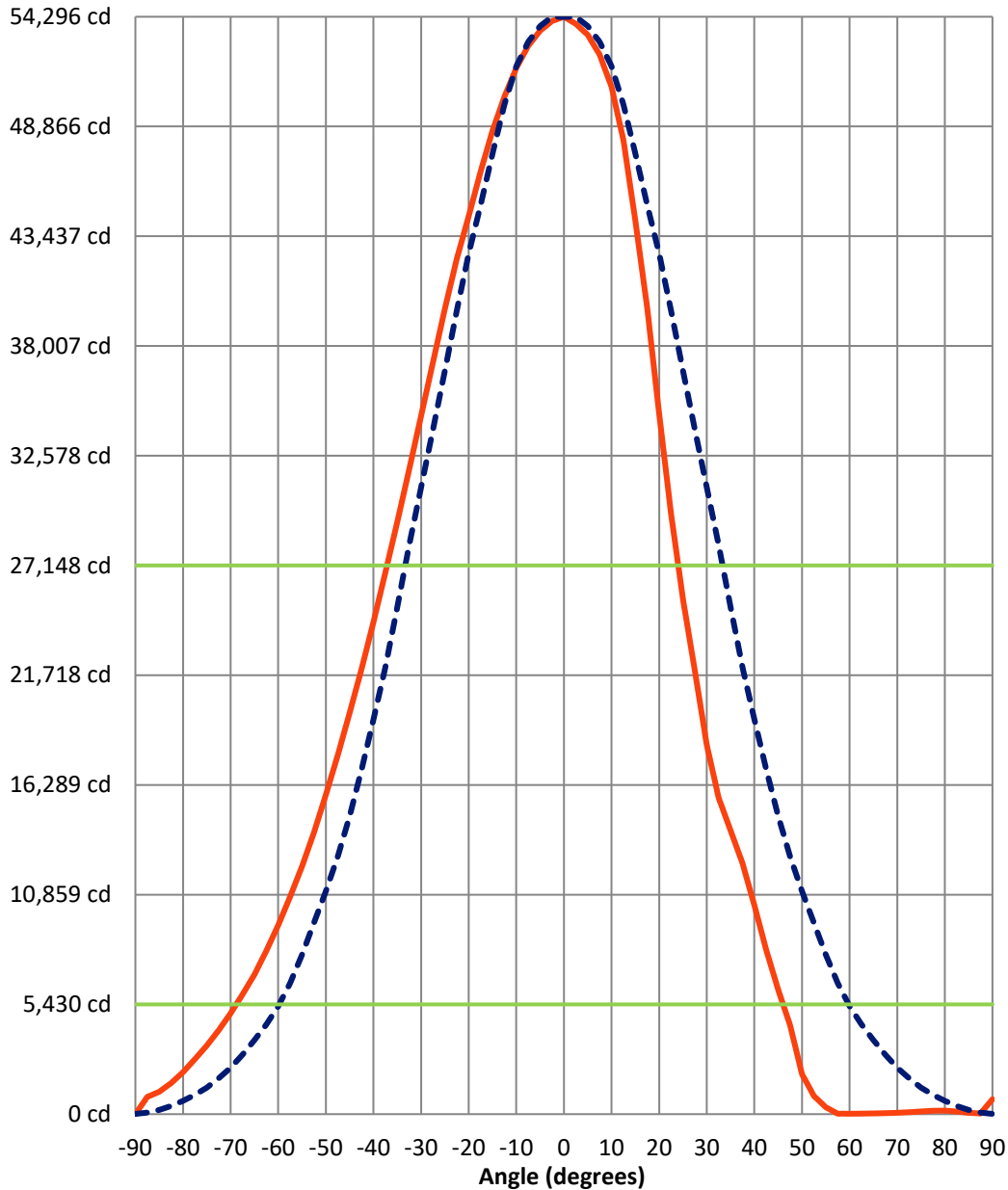
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 39219.3
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 67689.4
 Efficiency: 93.7%

Spill:
 Lumens: 4544.2
 Efficiency: 6.3%

— 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°	11.8	41.4	70.9	109.8	148.6	187.5	226.3	254.6	282.9	311.2	339.5
87.5°	11.8	15.0	17.2	18.6	19.8	20.7	21.4	21.3	21.0	20.5	19.7
85°	11.8	17.4	20.9	23.7	26.1	27.9	29.3	29.6	29.5	28.8	27.6
82.5°	11.8	19.7	24.5	28.9	32.4	35.2	37.2	37.9	38.6	41.5	43.7
80°	11.8	22.1	28.2	34.0	38.7	42.4	45.9	51.8	56.9	61.1	64.5
77.5°	11.8	24.4	31.9	39.1	45.0	52.6	61.2	68.5	75.1	80.8	83.4
75°	11.8	26.7	35.7	44.1	52.8	62.2	76.7	85.1	93.8	99.5	96.7
72.5°	11.8	29.0	39.4	49.2	67.5	84.0	92.6	103.8	116.4	118.9	111.6
70°	11.8	31.3	43.2	55.6	82.2	100.0	110.3	128.9	140.0	140.2	143.4
67.5°	11.8	33.6	47.0	68.1	97.1	116.3	137.3	154.9	165.3	179.7	180.8
65°	11.8	35.9	50.8	80.5	112.0	137.7	165.0	181.7	206.6	220.8	223.9
62.5°	11.8	38.1	54.7	92.9	127.1	164.2	193.5	218.9	249.3	266.4	277.7
60°	11.8	40.3	58.6	105.3	142.2	191.2	222.8	260.8	293.4	324.0	335.1
57.5°	11.8	42.5	67.6	117.6	165.4	218.5	263.2	304.4	349.0	384.2	402.1
55°	11.8	44.7	76.5	129.8	189.0	246.3	305.7	351.0	409.0	449.8	477.0
52.5°	11.8	46.9	85.3	142.0	212.7	276.0	348.9	409.6	471.0	527.6	557.6
50°	11.8	49.0	93.9	154.2	236.4	313.9	393.0	470.9	538.7	609.6	658.9
47.5°	11.8	51.0	102.4	167.7	260.1	352.0	439.2	533.5	617.8	695.8	770.7
45°	11.8	53.1	110.6	185.6	283.9	390.2	494.4	597.3	703.3	807.0	891.6
42.5°	11.8	55.1	118.7	203.2	307.5	428.5	550.1	669.6	791.6	925.0	1054.1
40°	11.8	57.0	126.6	220.7	334.4	466.9	606.1	748.2	887.8	1048.5	1234.8
37.5°	11.8	58.9	134.2	237.6	364.1	505.1	662.2	827.8	995.2	1180.6	1428.3
35°	11.8	60.7	141.6	254.1	393.4	547.8	718.3	908.3	1101.7	1334.5	1644.1
32.5°	11.8	62.5	148.8	269.9	422.1	592.4	777.4	989.4	1207.0	1482.1	1834.1
30°	11.8	64.2	155.6	285.1	450.1	636.2	843.1	1072.3	1310.7	1623.3	2012.3
27.5°	11.8	65.8	162.2	299.6	475.6	679.1	908.1	1158.7	1419.2	1757.7	2178.4
25°	11.8	67.3	168.4	313.4	499.7	720.9	972.0	1242.9	1533.5	1894.8	2333.1
22.5°	11.8	68.8	174.3	326.5	522.6	759.5	1034.5	1324.4	1641.6	2027.2	2495.7
20°	11.8	70.2	179.8	338.8	544.0	791.6	1095.3	1403.1	1743.3	2149.2	2649.0
17.5°	11.8	71.5	185.0	350.2	564.1	821.3	1143.0	1478.6	1838.6	2260.8	2792.6
15°	11.8	72.7	189.8	360.7	582.7	848.5	1180.1	1542.0	1927.3	2362.2	2925.7
12.5°	11.8	73.8	194.2	370.4	599.7	873.2	1212.9	1591.5	2005.4	2453.6	3047.8
10°	11.8	74.8	198.1	379.1	615.0	895.2	1241.4	1637.5	2075.5	2560.9	3172.3
7.5°	11.8	75.7	201.7	386.8	628.7	914.5	1265.5	1679.5	2140.6	2667.2	3314.0
5°	11.8	76.5	204.7	393.5	640.6	931.1	1285.4	1716.8	2199.7	2767.4	3443.7
2.5°	11.8	77.2	207.3	399.1	650.6	944.9	1300.9	1748.8	2252.1	2859.6	3560.4
0°	11.8	77.7	209.4	403.7	658.7	955.9	1312.3	1775.1	2297.0	2942.1	3663.3
-2.5°	11.8	79.2	212.6	409.8	669.5	973.7	1343.9	1818.7	2353.0	3000.0	3728.4
-5°	11.8	80.6	215.3	414.8	678.2	988.5	1370.8	1855.5	2400.3	3046.3	3778.6
-7.5°	11.8	81.9	217.5	418.5	684.8	1000.1	1392.8	1885.3	2438.5	3081.2	3813.7
-10°	11.8	83.0	219.2	421.1	689.1	1008.3	1409.3	1907.5	2467.2	3104.9	3833.6
-12.5°	11.8	84.0	220.3	422.4	691.3	1013.0	1420.0	1921.9	2486.1	3118.2	3849.3
-15°	11.8	84.8	220.9	422.4	691.0	1014.2	1424.6	1928.2	2492.6	3123.7	3853.1
-17.5°	11.8	85.5	220.9	421.1	688.4	1011.5	1422.8	1923.7	2485.4	3115.6	3838.8
-20°	11.8	86.0	220.4	418.5	683.3	1005.1	1414.9	1909.6	2467.2	3093.3	3806.0



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	11.8	86.4	219.4	414.6	675.7	994.7	1402.5	1887.8	2437.8	3056.8	3754.5
-25°	11.8	86.6	217.8	409.4	665.6	984.5	1384.5	1858.4	2397.0	3005.7	3683.9
-27.5°	11.8	86.7	215.6	402.8	653.0	971.9	1361.1	1821.4	2344.6	2944.0	3614.7
-30°	11.8	86.6	212.9	394.9	638.3	955.0	1332.1	1776.9	2289.5	2875.9	3529.1
-32.5°	11.8	86.3	209.7	385.6	624.9	933.9	1297.8	1734.4	2230.6	2793.9	3426.4
-35°	11.8	85.9	205.9	375.0	608.7	908.5	1265.8	1688.4	2163.1	2698.0	3306.6
-37.5°	11.8	85.3	201.6	363.1	589.9	881.3	1231.5	1636.1	2087.1	2588.5	3182.2
-40°	11.8	84.6	196.7	349.9	568.4	855.1	1191.7	1577.5	2002.8	2485.8	3051.4
-42.5°	11.8	83.7	191.4	336.2	548.5	825.3	1146.4	1512.9	1922.7	2384.1	2908.1
-45°	11.8	82.7	185.5	322.7	530.5	791.9	1095.7	1446.9	1841.6	2270.1	2756.5
-47.5°	11.8	81.5	179.2	307.8	510.5	755.1	1039.8	1380.8	1753.8	2144.3	2613.6
-50°	11.8	80.1	172.3	297.2	488.3	714.8	988.9	1308.2	1655.4	2031.5	2456.4
-52.5°	11.8	78.6	165.0	287.4	464.1	671.3	935.5	1229.3	1556.0	1908.8	2288.8
-55°	11.8	77.0	157.3	276.6	438.0	635.4	877.9	1146.1	1452.3	1776.6	2137.8
-57.5°	11.8	75.2	149.1	264.6	410.0	599.0	816.3	1071.9	1341.8	1645.7	1976.3
-60°	11.8	73.3	140.5	251.7	380.8	560.1	752.8	990.8	1228.9	1509.8	1810.0
-62.5°	11.8	71.2	136.1	237.8	360.6	518.8	701.0	904.4	1126.5	1366.6	1645.7
-65°	11.8	69.0	131.4	223.1	338.9	475.3	646.2	820.2	1019.0	1236.2	1473.4
-67.5°	11.8	66.7	126.3	207.4	315.9	436.8	588.7	747.8	906.9	1105.2	1314.1
-70°	11.8	64.3	121.1	191.0	291.7	403.6	528.7	672.6	817.1	969.2	1157.2
-72.5°	11.8	61.7	115.5	180.8	266.3	368.7	481.0	594.8	724.8	860.8	1002.6
-75°	11.8	59.1	109.7	171.7	239.8	332.4	433.5	529.4	629.8	750.0	875.1
-77.5°	11.8	56.3	103.7	162.2	223.8	294.8	384.2	467.2	552.9	643.1	744.4
-80°	11.8	53.5	97.5	152.4	209.6	268.9	333.4	403.5	476.2	552.5	632.3
-82.5°	11.8	50.6	91.1	142.2	195.0	249.4	305.2	350.1	397.9	460.1	524.9
-85°	11.8	47.6	84.5	131.6	179.9	229.2	279.5	318.8	358.2	398.0	438.3
-87.5°	11.8	44.5	77.8	120.8	164.4	208.6	253.2	286.9	320.8	354.9	389.2
-90°	11.8	12.7	13.5	13.5	13.5	13.5	13.5	13.1	12.7	12.2	11.8



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	364.4	389.3	414.2	439.1	463.6	488.1	512.6	537.1	559.9	582.7	605.5
87.5°	20.2	20.7	21.1	21.5	20.7	19.7	18.6	17.3	18.7	20.3	21.9
85°	28.6	29.5	32.0	33.9	35.2	37.0	39.3	41.9	46.9	51.8	56.7
82.5°	47.5	50.7	53.0	54.4	59.1	64.9	71.2	77.0	82.6	87.9	93.0
80°	68.7	72.0	72.7	73.5	79.7	87.4	95.4	103.9	110.7	116.9	122.7
77.5°	84.2	86.1	88.3	90.8	98.8	109.9	121.1	132.2	140.5	147.1	153.1
75°	96.3	99.8	107.8	112.9	121.8	134.8	147.8	160.4	168.6	173.2	176.2
72.5°	116.1	127.7	134.8	137.6	146.3	161.6	175.3	187.5	193.9	193.0	189.0
70°	146.4	157.2	166.6	170.1	173.9	188.8	200.0	208.7	212.6	204.9	189.7
67.5°	179.2	195.9	204.4	204.9	199.6	212.5	222.5	221.3	214.6	197.8	177.9
65°	221.3	237.2	244.9	241.7	227.4	230.3	229.7	223.6	208.2	185.3	161.4
62.5°	268.6	282.8	288.8	280.8	254.6	243.4	236.9	221.5	198.0	175.4	152.8
60°	328.6	331.8	335.6	321.2	288.3	257.2	245.0	229.6	204.3	173.5	154.9
57.5°	395.9	385.1	386.9	370.8	332.8	277.2	271.8	252.1	230.9	190.2	171.2
55°	473.5	443.9	448.6	433.9	399.1	336.9	315.9	313.1	283.2	251.2	216.0
52.5°	566.7	526.4	525.4	523.1	504.2	450.7	402.5	436.0	454.8	419.1	441.8
50°	671.4	651.3	621.0	656.2	667.3	639.0	596.6	690.4	803.4	855.1	853.8
47.5°	810.3	798.5	772.3	836.0	915.6	988.6	1006.2	1175.6	1346.7	1536.0	1558.5
45°	974.0	1004.1	989.2	1124.5	1295.0	1491.3	1637.0	1801.4	2191.0	2417.0	2751.8
42.5°	1155.7	1243.5	1323.4	1451.2	1853.5	2103.2	2323.0	2735.6	3123.2	3450.9	3796.7
40°	1389.5	1505.0	1679.7	2027.3	2461.0	2750.0	3128.5	3598.6	3991.2	4361.1	4715.2
37.5°	1643.0	1835.9	2072.5	2570.9	3064.3	3426.4	3889.8	4356.2	4802.4	5217.4	5712.6
35°	1911.0	2168.0	2540.6	3061.2	3579.0	4083.4	4593.4	5112.9	5622.1	6190.9	6747.7
32.5°	2202.7	2500.4	2970.7	3523.6	4103.2	4689.2	5281.8	5888.2	6535.4	7198.6	7789.4
30°	2465.9	2870.8	3371.3	3970.9	4625.0	5298.1	5989.6	6687.5	7482.1	8267.2	8975.9
27.5°	2667.0	3209.9	3768.9	4431.8	5148.4	5899.0	6700.2	7565.0	8490.1	9390.0	10231.3
25°	2859.8	3471.0	4150.3	4892.4	5688.6	6532.5	7428.7	8396.7	9532.1	10586.5	11635.8
22.5°	3061.9	3733.9	4466.9	5341.3	6214.3	7174.8	8169.1	9283.3	10538.0	11784.5	13059.7
20°	3276.9	4006.1	4779.6	5701.6	6706.3	7807.6	8866.0	10162.9	11558.5	13007.1	14562.6
17.5°	3486.4	4256.2	5082.6	6054.4	7143.3	8376.8	9538.0	11014.3	12560.8	14217.6	15977.0
15°	3688.3	4484.2	5358.9	6378.8	7566.0	8875.5	10233.6	11851.2	13580.7	15409.9	17257.5
12.5°	3880.3	4690.0	5608.1	6673.2	7960.7	9360.1	10856.2	12557.3	14451.8	16473.6	18487.6
10°	4059.8	4873.8	5829.4	6936.3	8322.7	9822.2	11410.3	13188.6	15158.4	17241.5	19487.7
7.5°	4195.8	5026.3	6024.6	7166.6	8647.2	10252.8	11895.3	13741.8	15755.5	17925.1	20339.8
5°	4299.9	5150.3	6205.1	7432.5	8959.0	10609.1	12294.1	14213.5	16245.0	18513.4	21075.5
2.5°	4379.0	5255.0	6359.8	7679.4	9238.2	10851.8	12554.3	14523.0	16685.4	19062.6	21673.4
0°	4436.8	5338.7	6485.5	7890.7	9464.8	11030.4	12746.4	14747.8	17043.1	19527.5	22114.9
-2.5°	4534.9	5487.2	6661.3	8058.1	9606.2	11205.3	12993.9	15060.8	17382.4	19820.7	22495.6
-5°	4613.4	5609.3	6803.4	8184.0	9698.3	11319.9	13164.4	15278.5	17604.5	20018.2	22692.2
-7.5°	4670.3	5701.7	6910.2	8267.6	9759.7	11412.4	13283.6	15386.8	17687.6	20136.1	22722.9
-10°	4703.9	5745.4	6943.8	8292.3	9792.9	11462.2	13329.4	15402.7	17662.7	20108.4	22638.7
-12.5°	4716.6	5744.5	6933.4	8272.2	9767.5	11438.4	13293.1	15327.6	17532.5	19929.7	22424.2
-15°	4708.3	5715.0	6885.1	8206.5	9681.5	11338.1	13174.1	15163.2	17290.8	19565.7	21989.9
-17.5°	4678.8	5657.0	6798.5	8095.0	9533.6	11159.3	12962.1	14859.3	16943.5	19145.4	21438.2
-20°	4628.2	5570.3	6673.0	7937.6	9331.7	10924.6	12662.5	14499.1	16501.2	18643.9	20820.1



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4556.6	5455.2	6526.5	7760.3	9138.0	10657.7	12304.8	14065.7	15937.6	18045.4	20119.3
-25°	4474.4	5353.5	6373.2	7567.1	8893.1	10345.2	11886.0	13569.8	15336.4	17309.1	19316.7
-27.5°	4380.6	5229.9	6209.9	7335.6	8592.7	9997.8	11471.0	13051.5	14724.4	16498.1	18423.0
-30°	4264.7	5089.4	6014.2	7082.1	8288.3	9619.6	11036.2	12464.9	14049.5	15721.9	17486.2
-32.5°	4127.2	4919.7	5819.0	6836.1	7957.1	9182.0	10528.8	11887.4	13349.4	14897.1	16532.3
-35°	3980.1	4747.5	5601.5	6555.7	7593.6	8741.5	9971.6	11263.9	12608.5	14062.9	15501.3
-37.5°	3832.0	4550.5	5347.5	6258.9	7253.1	8273.0	9379.3	10608.7	11868.7	13154.7	14475.6
-40°	3665.4	4329.3	5094.7	5944.6	6844.8	7791.0	8827.7	9925.1	11096.5	12256.6	13440.6
-42.5°	3484.0	4125.2	4827.0	5585.3	6427.7	7308.2	8238.4	9265.3	10286.4	11340.0	12433.2
-45°	3311.8	3902.2	4542.0	5246.8	5991.4	6805.6	7673.8	8571.3	9490.5	10421.6	11416.9
-47.5°	3126.7	3670.7	4273.2	4884.2	5568.3	6305.3	7086.0	7893.7	8689.8	9543.6	10394.2
-50°	2934.0	3453.3	3972.5	4540.3	5148.0	5809.4	6517.5	7214.0	7942.0	8681.2	9448.0
-52.5°	2740.7	3223.1	3693.3	4190.4	4740.1	5327.4	5944.4	6566.7	7213.6	7864.4	8521.6
-55°	2532.0	2979.6	3406.3	3855.3	4337.2	4863.5	5385.9	5945.7	6506.5	7102.0	7641.9
-57.5°	2334.6	2716.2	3111.3	3521.4	3952.8	4400.8	4864.7	5333.1	5843.4	6356.9	6819.6
-60°	2140.0	2462.9	2807.9	3182.9	3569.0	3965.8	4350.2	4768.3	5200.0	5620.5	6043.9
-62.5°	1938.2	2224.1	2519.0	2837.2	3188.6	3530.4	3877.4	4229.7	4581.4	4954.4	5312.3
-65°	1739.0	1982.9	2244.4	2520.1	2802.6	3111.4	3416.5	3714.0	4028.2	4333.5	4630.0
-67.5°	1531.0	1754.3	1978.2	2208.0	2460.6	2712.8	2966.5	3239.8	3505.1	3754.6	4006.0
-70°	1345.1	1524.9	1723.1	1925.8	2126.8	2333.7	2559.0	2784.9	3006.6	3219.2	3436.8
-72.5°	1160.4	1321.6	1483.6	1646.0	1820.7	1994.9	2170.8	2348.1	2533.4	2718.9	2899.3
-75°	995.7	1116.6	1257.4	1400.6	1537.1	1670.2	1806.4	1957.0	2105.2	2250.8	2395.0
-77.5°	845.6	947.7	1053.2	1161.8	1265.6	1377.3	1489.4	1601.7	1712.3	1820.5	1926.5
-80°	704.5	776.1	861.0	949.1	1031.5	1112.8	1194.1	1275.3	1357.1	1442.9	1531.3
-82.5°	583.1	641.5	700.6	760.2	815.0	868.5	923.9	987.2	1052.0	1116.4	1180.0
-85°	472.2	505.7	551.0	596.9	640.7	683.8	726.4	768.3	811.4	853.9	895.7
-87.5°	418.6	447.8	476.8	505.7	533.5	561.1	588.5	615.7	643.4	671.1	698.7
-90°	11.8	11.8	11.8	11.8	11.4	11.0	10.5	10.1	9.7	9.3	8.8



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	628.3	635.5	642.7	649.8	657.0	673.9	690.8	707.7	724.6	728.4	732.2
87.5°	23.6	23.7	23.7	23.6	23.6	27.3	31.2	35.2	39.3	38.8	38.3
85°	61.4	62.3	62.7	62.7	62.4	67.6	72.9	78.0	82.9	79.6	75.8
82.5°	97.8	99.6	101.2	103.0	104.9	110.3	115.6	120.6	125.3	126.9	128.4
80°	128.1	131.4	133.9	135.8	137.2	141.8	146.8	151.5	156.0	160.7	165.5
77.5°	157.4	158.4	157.9	156.3	153.8	154.5	155.6	156.1	156.2	158.7	161.5
75°	177.7	175.3	168.4	160.4	151.4	145.9	141.9	137.6	133.2	132.4	132.7
72.5°	182.1	172.9	161.5	147.3	133.3	123.6	117.0	110.7	104.7	101.7	100.0
70°	172.5	154.8	139.4	124.2	109.4	98.4	91.8	85.8	80.3	76.8	74.3
67.5°	155.3	133.4	117.2	101.6	87.1	75.8	70.0	64.8	60.0	56.4	53.9
65°	137.9	114.6	99.0	84.0	69.3	58.1	53.7	49.4	45.1	42.0	40.2
62.5°	128.2	103.8	87.6	74.5	61.2	48.3	43.7	39.2	34.8	31.4	29.9
60°	131.6	103.9	84.3	72.1	58.4	43.4	37.7	33.6	29.1	25.0	23.6
57.5°	152.3	122.0	92.7	87.9	74.0	51.9	53.9	62.8	56.2	38.7	36.8
55°	233.0	225.4	147.6	191.0	222.1	209.3	195.5	258.7	289.6	291.2	319.8
52.5°	463.0	517.6	497.3	520.9	649.4	701.4	694.5	807.7	866.3	858.4	889.0
50°	974.8	1086.7	1224.4	1246.6	1462.0	1611.4	1647.5	1778.5	1923.9	1979.6	2042.3
47.5°	1902.4	2164.6	2297.5	2447.5	2695.5	2967.2	3177.7	3366.2	3570.6	3710.3	3878.9
45°	3098.9	3284.1	3515.5	3863.8	4242.3	4597.0	4930.0	5233.6	5433.8	5612.3	5801.8
42.5°	4083.3	4379.1	4767.3	5286.8	5825.4	6189.4	6463.3	6755.8	7068.6	7365.9	7640.0
40°	5091.2	5434.1	6049.9	6638.7	7040.5	7391.8	7766.8	8163.8	8572.7	8962.7	9350.5
37.5°	6171.5	6678.1	7217.4	7732.0	8157.2	8489.5	9003.5	9443.2	9852.9	10433.7	10966.4
35°	7321.0	7871.5	8334.9	8923.5	9398.9	9808.8	10346.6	10900.4	11255.0	12051.8	12741.5
32.5°	8464.5	9106.2	9724.0	10282.9	10872.9	11504.9	12028.4	12788.1	13366.0	14128.0	14877.2
30°	9656.1	10535.8	11306.9	11920.3	12724.0	13541.0	14275.4	15170.0	16022.0	16731.1	17525.2
27.5°	11159.6	12137.8	13078.3	14023.5	14882.0	15902.3	17071.4	18017.7	19108.3	19881.5	20711.9
25°	12754.9	13920.1	15171.0	16389.4	17515.7	18835.5	20161.0	21317.1	22447.5	23338.5	24226.0
22.5°	14489.6	15898.7	17387.4	18921.3	20443.8	21889.8	23312.5	24743.3	26046.2	27270.9	28124.1
20°	16251.3	17816.1	19624.0	21472.0	23225.1	24857.3	26566.9	28376.2	30031.9	31451.1	32502.2
17.5°	17840.6	19803.3	21791.7	23819.3	25796.4	27813.7	29934.8	32062.7	34023.1	35685.3	37080.6
15°	19272.3	21496.0	23798.0	26085.6	28359.2	30681.7	33160.3	35453.1	37650.3	39556.5	41187.9
12.5°	20684.0	23059.1	25526.8	28091.8	30787.2	33301.9	35825.3	38297.7	40600.3	42816.1	44450.5
10°	21933.5	24498.1	27139.9	29888.5	32680.2	35408.3	38068.2	40645.5	42907.8	45000.1	46977.3
7.5°	22951.6	25702.1	28521.7	31412.6	34285.8	37048.3	39757.4	42332.8	44629.2	46773.3	48795.2
5°	23829.7	26746.9	29656.9	32537.8	35428.9	38294.2	41029.3	43568.7	45960.6	48188.7	50215.0
2.5°	24546.4	27588.1	30536.6	33374.0	36253.4	39186.4	41990.5	44443.9	46944.0	49210.3	51204.8
0°	25084.1	28154.6	31008.9	33871.6	36786.7	39752.5	42573.0	44976.4	47521.6	49943.5	51840.2
-2.5°	25378.2	28268.4	31109.4	33981.7	36984.6	40035.4	42852.0	45442.4	47973.0	50243.3	52006.7
-5°	25480.4	28323.5	31154.3	34078.4	37055.2	40058.1	42865.1	45462.3	47892.5	50016.1	51624.4
-7.5°	25411.8	28227.0	31029.5	33924.7	36882.8	39849.7	42611.6	45096.0	47436.4	49447.7	50982.4
-10°	25204.8	27931.0	30734.5	33582.1	36546.5	39475.7	42182.3	44423.7	46658.2	48545.2	49996.3
-12.5°	24862.7	27472.9	30237.7	33022.3	35930.8	38746.4	41268.6	43500.3	45496.9	47408.2	48678.4
-15°	24377.3	26893.9	29537.2	32263.9	35019.4	37743.3	40202.6	42359.6	44209.3	45717.0	47054.6
-17.5°	23768.5	26196.7	28729.7	31342.6	33901.3	36492.8	38771.8	40933.5	42712.7	44054.9	45092.9
-20°	23019.2	25375.7	27798.0	30292.6	32669.9	34874.0	37071.0	39081.1	40839.8	42152.2	43149.7



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	22228.3	24451.4	26746.3	28995.7	31160.6	33232.6	35222.4	37067.2	38739.5	39980.4	40935.0
-25°	21328.2	23407.5	25529.3	27560.7	29537.9	31467.0	33270.6	34980.0	36439.8	37647.0	38533.3
-27.5°	20342.6	22278.6	24193.7	26083.0	27917.5	29585.1	31244.6	32787.7	34071.5	35181.6	35966.6
-30°	19265.6	21036.1	22830.9	24601.9	26188.9	27691.1	29165.5	30505.0	31681.7	32656.5	33360.5
-32.5°	18129.6	19747.2	21412.0	23013.4	24405.0	25760.3	27046.0	28220.2	29299.2	30160.6	30795.4
-35°	16955.2	18453.8	19948.8	21333.5	22630.6	23836.2	24944.0	25984.7	26878.6	27663.8	28286.2
-37.5°	15800.1	17149.9	18447.4	19656.4	20854.8	21960.5	22928.1	23841.3	24654.0	25308.8	25854.5
-40°	14667.2	15861.9	16966.6	18042.7	19113.7	20049.6	20928.3	21715.8	22435.1	23060.6	23545.4
-42.5°	13541.0	14569.9	15523.3	16491.7	17417.6	18229.3	18994.4	19676.7	20300.8	20861.5	21331.5
-45°	12410.7	13290.7	14139.3	14990.7	15759.5	16482.4	17147.4	17746.9	18304.4	18776.6	19162.0
-47.5°	11256.3	12036.9	12807.8	13545.5	14183.4	14808.0	15380.6	15919.0	16421.5	16846.0	17186.5
-50°	10154.0	10844.0	11534.2	12144.1	12680.4	13200.6	13685.1	14205.0	14670.1	15056.9	15338.2
-52.5°	9119.2	9743.1	10336.4	10835.9	11289.1	11695.4	12067.5	12550.5	12988.3	13368.2	13617.6
-55°	8176.7	8710.7	9219.4	9632.0	10010.5	10349.3	10687.1	11075.2	11428.6	11744.7	11953.2
-57.5°	7289.6	7742.3	8165.4	8512.8	8828.5	9111.7	9425.4	9749.9	10039.7	10289.2	10457.1
-60°	6448.6	6833.8	7184.8	7470.7	7733.0	7971.4	8269.9	8553.1	8803.7	9007.1	9132.5
-62.5°	5655.1	6000.7	6273.6	6503.4	6713.0	6913.9	7174.8	7419.4	7645.4	7825.8	7930.8
-65°	4928.8	5231.3	5434.1	5616.0	5781.2	5962.2	6184.0	6383.0	6559.5	6693.5	6784.9
-67.5°	4266.5	4505.9	4665.9	4810.4	4951.9	5106.8	5295.0	5468.7	5627.6	5738.0	5806.2
-70°	3649.7	3834.2	3963.9	4086.8	4204.9	4337.7	4491.9	4635.5	4768.1	4853.8	4908.2
-72.5°	3074.2	3214.8	3322.0	3427.7	3523.0	3636.9	3762.6	3880.5	3989.9	4054.3	4095.7
-75°	2537.3	2645.1	2732.8	2814.0	2888.5	2984.3	3086.1	3181.8	3270.8	3319.9	3351.8
-77.5°	2039.4	2121.9	2188.0	2248.5	2303.3	2379.3	2457.6	2531.3	2599.9	2643.8	2678.9
-80°	1617.7	1667.6	1708.2	1746.0	1780.9	1837.7	1895.2	1949.4	2000.2	2028.8	2051.4
-82.5°	1242.7	1273.0	1297.2	1318.3	1336.6	1376.1	1415.5	1452.9	1488.0	1506.5	1522.2
-85°	936.7	953.0	966.7	978.9	989.7	1017.2	1044.4	1070.6	1095.8	1101.2	1105.0
-87.5°	726.3	735.1	743.5	751.7	759.5	779.9	800.2	820.3	840.3	843.8	846.9
-90°	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.5	5.1	4.7	4.3



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	736.0	739.8	737.3	734.7	737.3	739.8	736.0	732.2	728.4	724.6	707.7
87.5°	37.7	37.1	37.2	37.2	37.2	37.1	37.7	38.3	38.8	39.3	35.2
85°	71.7	67.4	64.2	60.8	64.2	67.4	71.7	75.8	79.6	82.9	78.0
82.5°	129.7	131.0	130.7	130.0	130.7	131.0	129.7	128.4	126.9	125.3	120.6
80°	170.2	174.8	176.3	177.3	176.3	174.8	170.2	165.5	160.7	156.0	151.5
77.5°	164.4	167.2	168.1	168.9	168.1	167.2	164.4	161.5	158.7	156.2	156.1
75°	133.3	134.1	133.6	133.4	133.6	134.1	133.3	132.7	132.4	133.2	137.6
72.5°	98.5	97.3	96.6	96.3	96.6	97.3	98.5	100.0	101.7	104.7	110.7
70°	72.1	70.2	68.7	67.6	68.7	70.2	72.1	74.3	76.8	80.3	85.8
67.5°	51.7	49.9	48.4	47.3	48.4	49.9	51.7	53.9	56.4	60.0	64.8
65°	38.9	37.8	36.6	35.5	36.6	37.8	38.9	40.2	42.0	45.1	49.4
62.5°	28.6	27.6	27.1	27.0	27.1	27.6	28.6	29.9	31.4	34.8	39.2
60°	22.2	20.9	20.4	20.3	20.4	20.9	22.2	23.6	25.0	29.1	33.6
57.5°	33.2	28.4	25.5	23.6	25.5	28.4	33.2	36.8	38.7	56.2	62.8
55°	334.9	335.9	342.6	349.6	342.6	335.9	334.9	319.8	291.2	289.6	258.7
52.5°	912.3	909.4	901.1	885.0	901.1	909.4	912.3	889.0	858.4	866.3	807.7
50°	2079.9	2050.5	1986.8	1896.7	1986.8	2050.5	2079.9	2042.3	1979.6	1923.9	1778.5
47.5°	4105.9	4275.8	4393.3	4445.3	4393.3	4275.8	4105.9	3878.9	3710.3	3570.6	3366.2
45°	5999.0	6099.7	6158.5	6205.2	6158.5	6099.7	5999.0	5801.8	5612.3	5433.8	5233.6
42.5°	7873.4	8033.0	8111.7	8098.5	8111.7	8033.0	7873.4	7640.0	7365.9	7068.6	6755.8
40°	9723.2	10057.5	10331.8	10528.8	10331.8	10057.5	9723.2	9350.5	8962.7	8572.7	8163.8
37.5°	11493.3	11991.0	12411.4	12716.0	12411.4	11991.0	11493.3	10966.4	10433.7	9852.9	9443.2
35°	13305.7	13744.6	14032.7	14158.4	14032.7	13744.6	13305.7	12741.5	12051.8	11255.0	10900.4
32.5°	15354.9	15598.8	15650.5	15781.4	15650.5	15598.8	15354.9	14877.2	14128.0	13366.0	12788.1
30°	18008.7	18262.2	18268.3	18433.1	18268.3	18262.2	18008.7	17525.2	16731.1	16022.0	15170.0
27.5°	21366.6	21793.5	21932.1	22077.8	21932.1	21793.5	21366.6	20711.9	19881.5	19108.3	18017.7
25°	24962.3	25360.2	25487.6	25438.8	25487.6	25360.2	24962.3	24226.0	23338.5	22447.5	21317.1
22.5°	28998.1	29514.0	29701.7	29607.1	29701.7	29514.0	28998.1	28124.1	27270.9	26046.2	24743.3
20°	33515.1	34259.8	34653.3	34830.9	34653.3	34259.8	33515.1	32502.2	31451.1	30031.9	28376.2
17.5°	38269.6	39366.9	39870.9	40019.4	39870.9	39366.9	38269.6	37080.6	35685.3	34023.1	32062.7
15°	42594.9	43553.0	44206.5	44542.3	44206.5	43553.0	42594.9	41187.9	39556.5	37650.3	35453.1
12.5°	45939.3	47160.5	48178.3	48724.1	48178.3	47160.5	45939.3	44450.5	42816.1	40600.3	38297.7
10°	48665.5	49898.5	50824.0	51272.7	50824.0	49898.5	48665.5	46977.3	45000.1	42907.8	40645.5
7.5°	50551.6	51697.6	52416.1	52710.0	52416.1	51697.6	50551.6	48795.2	46773.3	44629.2	42332.8
5°	51770.8	52866.4	53397.6	53588.3	53397.6	52866.4	51770.8	50215.0	48188.7	45960.6	43568.7
2.5°	52648.6	53515.5	53940.8	53968.3	53940.8	53515.5	52648.6	51204.8	49210.3	46944.0	44443.9
0°	53049.5	53829.8	54295.9	54287.5	54295.9	53829.8	53049.5	51840.2	49943.5	47521.6	44976.4
-2.5°	53068.9	53747.8	54079.0	53892.3	54079.0	53747.8	53068.9	52006.7	50243.3	47973.0	45442.4
-5°	52690.4	53354.9	53603.2	53546.0	53603.2	53354.9	52690.4	51624.4	50016.1	47892.5	45462.3
-7.5°	52010.9	52600.4	52853.8	52862.0	52853.8	52600.4	52010.9	50982.4	49447.7	47436.4	45096.0
-10°	50974.7	51467.3	51757.5	51674.7	51757.5	51467.3	50974.7	49996.3	48545.2	46658.2	44423.7
-12.5°	49603.8	50090.0	50336.2	50286.4	50336.2	50090.0	49603.8	48678.4	47408.2	45496.9	43500.3
-15°	47964.1	48426.1	48656.8	48634.6	48656.8	48426.1	47964.1	47054.6	45717.0	44209.3	42359.6
-17.5°	45933.9	46397.1	46633.2	46665.3	46633.2	46397.1	45933.9	45092.9	44054.9	42712.7	40933.5
-20°	43806.3	44214.8	44431.1	44434.2	44431.1	44214.8	43806.3	43149.7	42152.2	40839.8	39081.1



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	41600.9	42059.6	42316.3	42277.5	42316.3	42059.6	41600.9	40935.0	39980.4	38739.5	37067.2
-25°	39142.7	39602.4	39852.0	39842.0	39852.0	39602.4	39142.7	38533.3	37647.0	36439.8	34980.0
-27.5°	36518.4	36960.2	37201.0	37230.9	37201.0	36960.2	36518.4	35966.6	35181.6	34071.5	32787.7
-30°	33875.0	34310.5	34546.4	34565.8	34546.4	34310.5	33875.0	33360.5	32656.5	31681.7	30505.0
-32.5°	31284.7	31678.0	31895.9	31919.2	31895.9	31678.0	31284.7	30795.4	30160.6	29299.2	28220.2
-35°	28757.6	29103.2	29298.8	29362.2	29298.8	29103.2	28757.6	28286.2	27663.8	26878.6	25984.7
-37.5°	26298.1	26610.5	26799.4	26914.9	26799.4	26610.5	26298.1	25854.5	25308.8	24654.0	23841.3
-40°	23922.4	24196.1	24346.7	24349.4	24346.7	24196.1	23922.4	23545.4	23060.6	22435.1	21715.8
-42.5°	21679.7	21910.2	22025.3	22027.1	22025.3	21910.2	21679.7	21331.5	20861.5	20300.8	19676.7
-45°	19472.4	19697.7	19857.3	19958.2	19857.3	19697.7	19472.4	19162.0	18776.6	18304.4	17746.9
-47.5°	17446.2	17631.0	17757.7	17826.7	17757.7	17631.0	17446.2	17186.5	16846.0	16421.5	15919.0
-50°	15544.4	15692.2	15800.2	15864.2	15800.2	15692.2	15544.4	15338.2	15056.9	14670.1	14205.0
-52.5°	13786.9	13894.7	13933.5	13908.4	13933.5	13894.7	13786.9	13617.6	13368.2	12988.3	12550.5
-55°	12109.5	12217.0	12260.0	12244.8	12260.0	12217.0	12109.5	11953.2	11744.7	11428.6	11075.2
-57.5°	10589.2	10684.5	10760.8	10807.5	10760.8	10684.5	10589.2	10457.1	10289.2	10039.7	9749.9
-60°	9231.2	9301.7	9349.6	9368.5	9349.6	9301.7	9231.2	9132.5	9007.1	8803.7	8553.1
-62.5°	8004.5	8048.4	8082.4	8096.8	8082.4	8048.4	8004.5	7930.8	7825.8	7645.4	7419.4
-65°	6857.7	6911.2	6904.7	6867.2	6904.7	6911.2	6857.7	6784.9	6693.5	6559.5	6383.0
-67.5°	5857.8	5892.6	5922.5	5938.3	5922.5	5892.6	5857.8	5806.2	5738.0	5627.6	5468.7
-70°	4949.8	4978.3	4988.9	4985.7	4988.9	4978.3	4949.8	4908.2	4853.8	4768.1	4635.5
-72.5°	4126.9	4147.8	4151.9	4144.7	4151.9	4147.8	4126.9	4095.7	4054.3	3989.9	3880.5
-75°	3374.4	3388.2	3395.2	3394.8	3395.2	3388.2	3374.4	3351.8	3319.9	3270.8	3181.8
-77.5°	2708.2	2731.5	2721.6	2704.0	2721.6	2731.5	2708.2	2678.9	2643.8	2599.9	2531.3
-80°	2069.9	2084.2	2076.4	2063.9	2076.4	2084.2	2069.9	2051.4	2028.8	2000.2	1949.4
-82.5°	1535.7	1547.0	1534.2	1518.4	1534.2	1547.0	1535.7	1522.2	1506.5	1488.0	1452.9
-85°	1107.7	1109.3	1108.3	1106.3	1108.3	1109.3	1107.7	1105.0	1101.2	1095.8	1070.6
-87.5°	849.8	852.5	850.2	847.8	850.2	852.5	849.8	846.9	843.8	840.3	820.3
-90°	3.8	3.4	4.3	5.1	4.3	3.4	3.8	4.3	4.7	5.1	5.5



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	690.8	673.9	657.0	649.8	642.7	635.5	628.3	605.5	582.7	559.9	537.1
87.5°	31.2	27.3	23.6	23.6	23.7	23.7	23.6	21.9	20.3	18.7	17.3
85°	72.9	67.6	62.4	62.7	62.7	62.3	61.4	56.7	51.8	46.9	41.9
82.5°	115.6	110.3	104.9	103.0	101.2	99.6	97.8	93.0	87.9	82.6	77.0
80°	146.8	141.8	137.2	135.8	133.9	131.4	128.1	122.7	116.9	110.7	103.9
77.5°	155.6	154.5	153.8	156.3	157.9	158.4	157.4	153.1	147.1	140.5	132.2
75°	141.9	145.9	151.4	160.4	168.4	175.3	177.7	176.2	173.2	168.6	160.4
72.5°	117.0	123.6	133.3	147.3	161.5	172.9	182.1	189.0	193.0	193.9	187.5
70°	91.8	98.4	109.4	124.2	139.4	154.8	172.5	189.7	204.9	212.6	208.7
67.5°	70.0	75.8	87.1	101.6	117.2	133.4	155.3	177.9	197.8	214.6	221.3
65°	53.7	58.1	69.3	84.0	99.0	114.6	137.9	161.4	185.3	208.2	223.6
62.5°	43.7	48.3	61.2	74.5	87.6	103.8	128.2	152.8	175.4	198.0	221.5
60°	37.7	43.4	58.4	72.1	84.3	103.9	131.6	154.9	173.5	204.3	229.6
57.5°	53.9	51.9	74.0	87.9	92.7	122.0	152.3	171.2	190.2	230.9	252.1
55°	195.5	209.3	222.1	191.0	147.6	225.4	233.0	216.0	251.2	283.2	313.1
52.5°	694.5	701.4	649.4	520.9	497.3	517.6	463.0	441.8	419.1	454.8	436.0
50°	1647.5	1611.4	1462.0	1246.6	1224.4	1086.7	974.8	853.8	855.1	803.4	690.4
47.5°	3177.7	2967.2	2695.5	2447.5	2297.5	2164.6	1902.4	1558.5	1536.0	1346.7	1175.6
45°	4930.0	4597.0	4242.3	3863.8	3515.5	3284.1	3098.9	2751.8	2417.0	2191.0	1801.4
42.5°	6463.3	6189.4	5825.4	5286.8	4767.3	4379.1	4083.3	3796.7	3450.9	3123.2	2735.6
40°	7766.8	7391.8	7040.5	6638.7	6049.9	5434.1	5091.2	4715.2	4361.1	3991.2	3598.6
37.5°	9003.5	8489.5	8157.2	7732.0	7217.4	6678.1	6171.5	5712.6	5217.4	4802.4	4356.2
35°	10346.6	9808.8	9398.9	8923.5	8334.9	7871.5	7321.0	6747.7	6190.9	5622.1	5112.9
32.5°	12028.4	11504.9	10872.9	10282.9	9724.0	9106.2	8464.5	7789.4	7198.6	6535.4	5888.2
30°	14275.4	13541.0	12724.0	11920.3	11306.9	10535.8	9656.1	8975.9	8267.2	7482.1	6687.5
27.5°	17071.4	15902.3	14882.0	14023.5	13078.3	12137.8	11159.6	10231.3	9390.0	8490.1	7565.0
25°	20161.0	18835.5	17515.7	16389.4	15171.0	13920.1	12754.9	11635.8	10586.5	9532.1	8396.7
22.5°	23312.5	21889.8	20443.8	18921.3	17387.4	15898.7	14489.6	13059.7	11784.5	10538.0	9283.3
20°	26566.9	24857.3	23225.1	21472.0	19624.0	17816.1	16251.3	14562.6	13007.1	11558.5	10162.9
17.5°	29934.8	27813.7	25796.4	23819.3	21791.7	19803.3	17840.6	15977.0	14217.6	12560.8	11014.3
15°	33160.3	30681.7	28359.2	26085.6	23798.0	21496.0	19272.3	17257.5	15409.9	13580.7	11851.2
12.5°	35825.3	33301.9	30787.2	28091.8	25526.8	23059.1	20684.0	18487.6	16473.6	14451.8	12557.3
10°	38068.2	35408.3	32680.2	29888.5	27139.9	24498.1	21933.5	19487.7	17241.5	15158.4	13188.6
7.5°	39757.4	37048.3	34285.8	31412.6	28521.7	25702.1	22951.6	20339.8	17925.1	15755.5	13741.8
5°	41029.3	38294.2	35428.9	32537.8	29656.9	26746.9	23829.7	21075.5	18513.4	16245.0	14213.5
2.5°	41990.5	39186.4	36253.4	33374.0	30536.6	27588.1	24546.4	21673.4	19062.6	16685.4	14523.0
0°	42573.0	39752.5	36786.7	33871.6	31008.9	28154.6	25084.1	22114.9	19527.5	17043.1	14747.8
-2.5°	42852.0	40035.4	36984.6	33981.7	31109.4	28268.4	25378.2	22495.6	19820.7	17382.4	15060.8
-5°	42865.1	40058.1	37055.2	34078.4	31154.3	28323.5	25480.4	22692.2	20018.2	17604.5	15278.5
-7.5°	42611.6	39849.7	36882.8	33924.7	31029.5	28227.0	25411.8	22722.9	20136.1	17687.6	15386.8
-10°	42182.3	39475.7	36546.5	33582.1	30734.5	27931.0	25204.8	22638.7	20108.4	17662.7	15402.7
-12.5°	41268.6	38746.4	35930.8	33022.3	30237.7	27472.9	24862.7	22424.2	19929.7	17532.5	15327.6
-15°	40202.6	37743.3	35019.4	32263.9	29537.2	26893.9	24377.3	21989.9	19565.7	17290.8	15163.2
-17.5°	38771.8	36492.8	33901.3	31342.6	28729.7	26196.7	23768.5	21438.2	19145.4	16943.5	14859.3
-20°	37071.0	34874.0	32669.9	30292.6	27798.0	25375.7	23019.2	20820.1	18643.9	16501.2	14499.1



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	35222.4	33232.6	31160.6	28995.7	26746.3	24451.4	22228.3	20119.3	18045.4	15937.6	14065.7
-25°	33270.6	31467.0	29537.9	27560.7	25529.3	23407.5	21328.2	19316.7	17309.1	15336.4	13569.8
-27.5°	31244.6	29585.1	27917.5	26083.0	24193.7	22278.6	20342.6	18423.0	16498.1	14724.4	13051.5
-30°	29165.5	27691.1	26188.9	24601.9	22830.9	21036.1	19265.6	17486.2	15721.9	14049.5	12464.9
-32.5°	27046.0	25760.3	24405.0	23013.4	21412.0	19747.2	18129.6	16532.3	14897.1	13349.4	11887.4
-35°	24944.0	23836.2	22630.6	21333.5	19948.8	18453.8	16955.2	15501.3	14062.9	12608.5	11263.9
-37.5°	22928.1	21960.5	20854.8	19656.4	18447.4	17149.9	15800.1	14475.6	13154.7	11868.7	10608.7
-40°	20928.3	20049.6	19113.7	18042.7	16966.6	15861.9	14667.2	13440.6	12256.6	11096.5	9925.1
-42.5°	18994.4	18229.3	17417.6	16491.7	15523.3	14569.9	13541.0	12433.2	11340.0	10286.4	9265.3
-45°	17147.4	16482.4	15759.5	14990.7	14139.3	13290.7	12410.7	11416.9	10421.6	9490.5	8571.3
-47.5°	15380.6	14808.0	14183.4	13545.5	12807.8	12036.9	11256.3	10394.2	9543.6	8689.8	7893.7
-50°	13685.1	13200.6	12680.4	12144.1	11534.2	10844.0	10154.0	9448.0	8681.2	7942.0	7214.0
-52.5°	12067.5	11695.4	11289.1	10835.9	10336.4	9743.1	9119.2	8521.6	7864.4	7213.6	6566.7
-55°	10687.1	10349.3	10010.5	9632.0	9219.4	8710.7	8176.7	7641.9	7102.0	6506.5	5945.7
-57.5°	9425.4	9111.7	8828.5	8512.8	8165.4	7742.3	7289.6	6819.6	6356.9	5843.4	5333.1
-60°	8269.9	7971.4	7733.0	7470.7	7184.8	6833.8	6448.6	6043.9	5620.5	5200.0	4768.3
-62.5°	7174.8	6913.9	6713.0	6503.4	6273.6	6000.7	5655.1	5312.3	4954.4	4581.4	4229.7
-65°	6184.0	5962.2	5781.2	5616.0	5434.1	5231.3	4928.8	4630.0	4333.5	4028.2	3714.0
-67.5°	5295.0	5106.8	4951.9	4810.4	4665.9	4505.9	4266.5	4006.0	3754.6	3505.1	3239.8
-70°	4491.9	4337.7	4204.9	4086.8	3963.9	3834.2	3649.7	3436.8	3219.2	3006.6	2784.9
-72.5°	3762.6	3636.9	3523.0	3427.7	3322.0	3214.8	3074.2	2899.3	2718.9	2533.4	2348.1
-75°	3086.1	2984.3	2888.5	2814.0	2732.8	2645.1	2537.3	2395.0	2250.8	2105.2	1957.0
-77.5°	2457.6	2379.3	2303.3	2248.5	2188.0	2121.9	2039.4	1926.5	1820.5	1712.3	1601.7
-80°	1895.2	1837.7	1780.9	1746.0	1708.2	1667.6	1617.7	1531.3	1442.9	1357.1	1275.3
-82.5°	1415.5	1376.1	1336.6	1318.3	1297.2	1273.0	1242.7	1180.0	1116.4	1052.0	987.2
-85°	1044.4	1017.2	989.7	978.9	966.7	953.0	936.7	895.7	853.9	811.4	768.3
-87.5°	800.2	779.9	759.5	751.7	743.5	735.1	726.3	698.7	671.1	643.4	615.7
-90°	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.3	9.7	10.1



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	512.6	488.1	463.6	439.1	414.2	389.3	364.4	339.5	311.2	282.9	254.6
87.5°	18.6	19.7	20.7	21.5	21.1	20.7	20.2	19.7	20.5	21.0	21.3
85°	39.3	37.0	35.2	33.9	32.0	29.5	28.6	27.6	28.8	29.5	29.6
82.5°	71.2	64.9	59.1	54.4	53.0	50.7	47.5	43.7	41.5	38.6	37.9
80°	95.4	87.4	79.7	73.5	72.7	72.0	68.7	64.5	61.1	56.9	51.8
77.5°	121.1	109.9	98.8	90.8	88.3	86.1	84.2	83.4	80.8	75.1	68.5
75°	147.8	134.8	121.8	112.9	107.8	99.8	96.3	96.7	99.5	93.8	85.1
72.5°	175.3	161.6	146.3	137.6	134.8	127.7	116.1	111.6	118.9	116.4	103.8
70°	200.0	188.8	173.9	170.1	166.6	157.2	146.4	143.4	140.2	140.0	128.9
67.5°	222.5	212.5	199.6	204.9	204.4	195.9	179.2	180.8	179.7	165.3	154.9
65°	229.7	230.3	227.4	241.7	244.9	237.2	221.3	223.9	220.8	206.6	181.7
62.5°	236.9	243.4	254.6	280.8	288.8	282.8	268.6	277.7	266.4	249.3	218.9
60°	245.0	257.2	288.3	321.2	335.6	331.8	328.6	335.1	324.0	293.4	260.8
57.5°	271.8	277.2	332.8	370.8	386.9	385.1	395.9	402.1	384.2	349.0	304.4
55°	315.9	336.9	399.1	433.9	448.6	443.9	473.5	477.0	449.8	409.0	351.0
52.5°	402.5	450.7	504.2	523.1	525.4	526.4	566.7	557.6	527.6	471.0	409.6
50°	596.6	639.0	667.3	656.2	621.0	651.3	671.4	658.9	609.6	538.7	470.9
47.5°	1006.2	988.6	915.6	836.0	772.3	798.5	810.3	770.7	695.8	617.8	533.5
45°	1637.0	1491.3	1295.0	1124.5	989.2	1004.1	974.0	891.6	807.0	703.3	597.3
42.5°	2323.0	2103.2	1853.5	1451.2	1323.4	1243.5	1155.7	1054.1	925.0	791.6	669.6
40°	3128.5	2750.0	2461.0	2027.3	1679.7	1505.0	1389.5	1234.8	1048.5	887.8	748.2
37.5°	3889.8	3426.4	3064.3	2570.9	2072.5	1835.9	1643.0	1428.3	1180.6	995.2	827.8
35°	4593.4	4083.4	3579.0	3061.2	2540.6	2168.0	1911.0	1644.1	1334.5	1101.7	908.3
32.5°	5281.8	4689.2	4103.2	3523.6	2970.7	2500.4	2202.7	1834.1	1482.1	1207.0	989.4
30°	5989.6	5298.1	4625.0	3970.9	3371.3	2870.8	2465.9	2012.3	1623.3	1310.7	1072.3
27.5°	6700.2	5899.0	5148.4	4431.8	3768.9	3209.9	2667.0	2178.4	1757.7	1419.2	1158.7
25°	7428.7	6532.5	5688.6	4892.4	4150.3	3471.0	2859.8	2333.1	1894.8	1533.5	1242.9
22.5°	8169.1	7174.8	6214.3	5341.3	4466.9	3733.9	3061.9	2495.7	2027.2	1641.6	1324.4
20°	8866.0	7807.6	6706.3	5701.6	4779.6	4006.1	3276.9	2649.0	2149.2	1743.3	1403.1
17.5°	9538.0	8376.8	7143.3	6054.4	5082.6	4256.2	3486.4	2792.6	2260.8	1838.6	1478.6
15°	10233.6	8875.5	7566.0	6378.8	5358.9	4484.2	3688.3	2925.7	2362.2	1927.3	1542.0
12.5°	10856.2	9360.1	7960.7	6673.2	5608.1	4690.0	3880.3	3047.8	2453.6	2005.4	1591.5
10°	11410.3	9822.2	8322.7	6936.3	5829.4	4873.8	4059.8	3172.3	2560.9	2075.5	1637.5
7.5°	11895.3	10252.8	8647.2	7166.6	6024.6	5026.3	4195.8	3314.0	2667.2	2140.6	1679.5
5°	12294.1	10609.1	8959.0	7432.5	6205.1	5150.3	4299.9	3443.7	2767.4	2199.7	1716.8
2.5°	12554.3	10851.8	9238.2	7679.4	6359.8	5255.0	4379.0	3560.4	2859.6	2252.1	1748.8
0°	12746.4	11030.4	9464.8	7890.7	6485.5	5338.7	4436.8	3663.3	2942.1	2297.0	1775.1
-2.5°	12993.9	11205.3	9606.2	8058.1	6661.3	5487.2	4534.9	3728.4	3000.0	2353.0	1818.7
-5°	13164.4	11319.9	9698.3	8184.0	6803.4	5609.3	4613.4	3778.6	3046.3	2400.3	1855.5
-7.5°	13283.6	11412.4	9759.7	8267.6	6910.2	5701.7	4670.3	3813.7	3081.2	2438.5	1885.3
-10°	13329.4	11462.2	9792.9	8292.3	6943.8	5745.4	4703.9	3833.6	3104.9	2467.2	1907.5
-12.5°	13293.1	11438.4	9767.5	8272.2	6933.4	5744.5	4716.6	3849.3	3118.2	2486.1	1921.9
-15°	13174.1	11338.1	9681.5	8206.5	6885.1	5715.0	4708.3	3853.1	3123.7	2492.6	1928.2
-17.5°	12962.1	11159.3	9533.6	8095.0	6798.5	5657.0	4678.8	3838.8	3115.6	2485.4	1923.7
-20°	12662.5	10924.6	9331.7	7937.6	6673.0	5570.3	4628.2	3806.0	3093.3	2467.2	1909.6



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	12304.8	10657.7	9138.0	7760.3	6526.5	5455.2	4556.6	3754.5	3056.8	2437.8	1887.8
-25°	11886.0	10345.2	8893.1	7567.1	6373.2	5353.5	4474.4	3683.9	3005.7	2397.0	1858.4
-27.5°	11471.0	9997.8	8592.7	7335.6	6209.9	5229.9	4380.6	3614.7	2944.0	2344.6	1821.4
-30°	11036.2	9619.6	8288.3	7082.1	6014.2	5089.4	4264.7	3529.1	2875.9	2289.5	1776.9
-32.5°	10528.8	9182.0	7957.1	6836.1	5819.0	4919.7	4127.2	3426.4	2793.9	2230.6	1734.4
-35°	9971.6	8741.5	7593.6	6555.7	5601.5	4747.5	3980.1	3306.6	2698.0	2163.1	1688.4
-37.5°	9379.3	8273.0	7253.1	6258.9	5347.5	4550.5	3832.0	3182.2	2588.5	2087.1	1636.1
-40°	8827.7	7791.0	6844.8	5944.6	5094.7	4329.3	3665.4	3051.4	2485.8	2002.8	1577.5
-42.5°	8238.4	7308.2	6427.7	5585.3	4827.0	4125.2	3484.0	2908.1	2384.1	1922.7	1512.9
-45°	7673.8	6805.6	5991.4	5246.8	4542.0	3902.2	3311.8	2756.5	2270.1	1841.6	1446.9
-47.5°	7086.0	6305.3	5568.3	4884.2	4273.2	3670.7	3126.7	2613.6	2144.3	1753.8	1380.8
-50°	6517.5	5809.4	5148.0	4540.3	3972.5	3453.3	2934.0	2456.4	2031.5	1655.4	1308.2
-52.5°	5944.4	5327.4	4740.1	4190.4	3693.3	3223.1	2740.7	2288.8	1908.8	1556.0	1229.3
-55°	5385.9	4863.5	4337.2	3855.3	3406.3	2979.6	2532.0	2137.8	1776.6	1452.3	1146.1
-57.5°	4864.7	4400.8	3952.8	3521.4	3111.3	2716.2	2334.6	1976.3	1645.7	1341.8	1071.9
-60°	4350.2	3965.8	3569.0	3182.9	2807.9	2462.9	2140.0	1810.0	1509.8	1228.9	990.8
-62.5°	3877.4	3530.4	3188.6	2837.2	2519.0	2224.1	1938.2	1645.7	1366.6	1126.5	904.4
-65°	3416.5	3111.4	2802.6	2520.1	2244.4	1982.9	1739.0	1473.4	1236.2	1019.0	820.2
-67.5°	2966.5	2712.8	2460.6	2208.0	1978.2	1754.3	1531.0	1314.1	1105.2	906.9	747.8
-70°	2559.0	2333.7	2126.8	1925.8	1723.1	1524.9	1345.1	1157.2	969.2	817.1	672.6
-72.5°	2170.8	1994.9	1820.7	1646.0	1483.6	1321.6	1160.4	1002.6	860.8	724.8	594.8
-75°	1806.4	1670.2	1537.1	1400.6	1257.4	1116.6	995.7	875.1	750.0	629.8	529.4
-77.5°	1489.4	1377.3	1265.6	1161.8	1053.2	947.7	845.6	744.4	643.1	552.9	467.2
-80°	1194.1	1112.8	1031.5	949.1	861.0	776.1	704.5	632.3	552.5	476.2	403.5
-82.5°	923.9	868.5	815.0	760.2	700.6	641.5	583.1	524.9	460.1	397.9	350.1
-85°	726.4	683.8	640.7	596.9	551.0	505.7	472.2	438.3	398.0	358.2	318.8
-87.5°	588.5	561.1	533.5	505.7	476.8	447.8	418.6	389.2	354.9	320.8	286.9
-90°	10.5	11.0	11.4	11.8	11.8	11.8	11.8	11.8	12.2	12.7	13.1



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	226.3	187.5	148.6	109.8	70.9	41.4	11.8
87.5°	21.4	20.7	19.8	18.6	17.2	15.0	11.8
85°	29.3	27.9	26.1	23.7	20.9	17.4	11.8
82.5°	37.2	35.2	32.4	28.9	24.5	19.7	11.8
80°	45.9	42.4	38.7	34.0	28.2	22.1	11.8
77.5°	61.2	52.6	45.0	39.1	31.9	24.4	11.8
75°	76.7	68.2	52.8	44.1	35.7	26.7	11.8
72.5°	92.6	84.0	67.5	49.2	39.4	29.0	11.8
70°	110.3	100.0	82.2	55.6	43.2	31.3	11.8
67.5°	137.3	116.3	97.1	68.1	47.0	33.6	11.8
65°	165.0	137.7	112.0	80.5	50.8	35.9	11.8
62.5°	193.5	164.2	127.1	92.9	54.7	38.1	11.8
60°	222.8	191.2	142.2	105.3	58.6	40.3	11.8
57.5°	263.2	218.5	165.4	117.6	67.6	42.5	11.8
55°	305.7	246.3	189.0	129.8	76.5	44.7	11.8
52.5°	348.9	276.0	212.7	142.0	85.3	46.9	11.8
50°	393.0	313.9	236.4	154.2	93.9	49.0	11.8
47.5°	439.2	352.0	260.1	167.7	102.4	51.0	11.8
45°	494.4	390.2	283.9	185.6	110.6	53.1	11.8
42.5°	550.1	428.5	307.5	203.2	118.7	55.1	11.8
40°	606.1	466.9	334.4	220.7	126.6	57.0	11.8
37.5°	662.2	505.1	364.1	237.6	134.2	58.9	11.8
35°	718.3	547.8	393.4	254.1	141.6	60.7	11.8
32.5°	777.4	592.4	422.1	269.9	148.8	62.5	11.8
30°	843.1	636.2	450.1	285.1	155.6	64.2	11.8
27.5°	908.1	679.1	475.6	299.6	162.2	65.8	11.8
25°	972.0	720.9	499.7	313.4	168.4	67.3	11.8
22.5°	1034.5	759.5	522.6	326.5	174.3	68.8	11.8
20°	1095.3	791.6	544.0	338.8	179.8	70.2	11.8
17.5°	1143.0	821.3	564.1	350.2	185.0	71.5	11.8
15°	1180.1	848.5	582.7	360.7	189.8	72.7	11.8
12.5°	1212.9	873.2	599.7	370.4	194.2	73.8	11.8
10°	1241.4	895.2	615.0	379.1	198.1	74.8	11.8
7.5°	1265.5	914.5	628.7	386.8	201.7	75.7	11.8
5°	1285.4	931.1	640.6	393.5	204.7	76.5	11.8
2.5°	1300.9	944.9	650.6	399.1	207.3	77.2	11.8
0°	1312.3	955.9	658.7	403.7	209.4	77.7	11.8
-2.5°	1343.9	973.7	669.5	409.8	212.6	79.2	11.8
-5°	1370.8	988.5	678.2	414.8	215.3	80.6	11.8
-7.5°	1392.8	1000.1	684.8	418.5	217.5	81.9	11.8
-10°	1409.3	1008.3	689.1	421.1	219.2	83.0	11.8
-12.5°	1420.0	1013.0	691.3	422.4	220.3	84.0	11.8
-15°	1424.6	1014.2	691.0	422.4	220.9	84.8	11.8
-17.5°	1422.8	1011.5	688.4	421.1	220.9	85.5	11.8
-20°	1414.9	1005.1	683.3	418.5	220.4	86.0	11.8



REPORT NUMBER: P1305736 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1402.5	994.7	675.7	414.6	219.4	86.4	11.8
-25°	1384.5	984.5	665.6	409.4	217.8	86.6	11.8
-27.5°	1361.1	971.9	653.0	402.8	215.6	86.7	11.8
-30°	1332.1	955.0	638.3	394.9	212.9	86.6	11.8
-32.5°	1297.8	933.9	624.9	385.6	209.7	86.3	11.8
-35°	1265.8	908.5	608.7	375.0	205.9	85.9	11.8
-37.5°	1231.5	881.3	589.9	363.1	201.6	85.3	11.8
-40°	1191.7	855.1	568.4	349.9	196.7	84.6	11.8
-42.5°	1146.4	825.3	548.5	336.2	191.4	83.7	11.8
-45°	1095.7	791.9	530.5	322.7	185.5	82.7	11.8
-47.5°	1039.8	755.1	510.5	307.8	179.2	81.5	11.8
-50°	988.9	714.8	488.3	297.2	172.3	80.1	11.8
-52.5°	935.5	671.3	464.1	287.4	165.0	78.6	11.8
-55°	877.9	635.4	438.0	276.6	157.3	77.0	11.8
-57.5°	816.3	599.0	410.0	264.6	149.1	75.2	11.8
-60°	752.8	560.1	380.8	251.7	140.5	73.3	11.8
-62.5°	701.0	518.8	360.6	237.8	136.1	71.2	11.8
-65°	646.2	475.3	338.9	223.1	131.4	69.0	11.8
-67.5°	588.7	436.8	315.9	207.4	126.3	66.7	11.8
-70°	528.7	403.6	291.7	191.0	121.1	64.3	11.8
-72.5°	481.0	368.7	266.3	180.8	115.5	61.7	11.8
-75°	433.5	332.4	239.8	171.7	109.7	59.1	11.8
-77.5°	384.2	294.8	223.8	162.2	103.7	56.3	11.8
-80°	333.4	268.9	209.6	152.4	97.5	53.5	11.8
-82.5°	305.2	249.4	195.0	142.2	91.1	50.6	11.8
-85°	279.5	229.2	179.9	131.6	84.5	47.6	11.8
-87.5°	253.2	208.6	164.4	120.8	77.8	44.5	11.8
-90°	13.5	13.5	13.5	13.5	13.5	12.7	11.8

(END OF REPORT)