

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: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/3/2026

Test Information

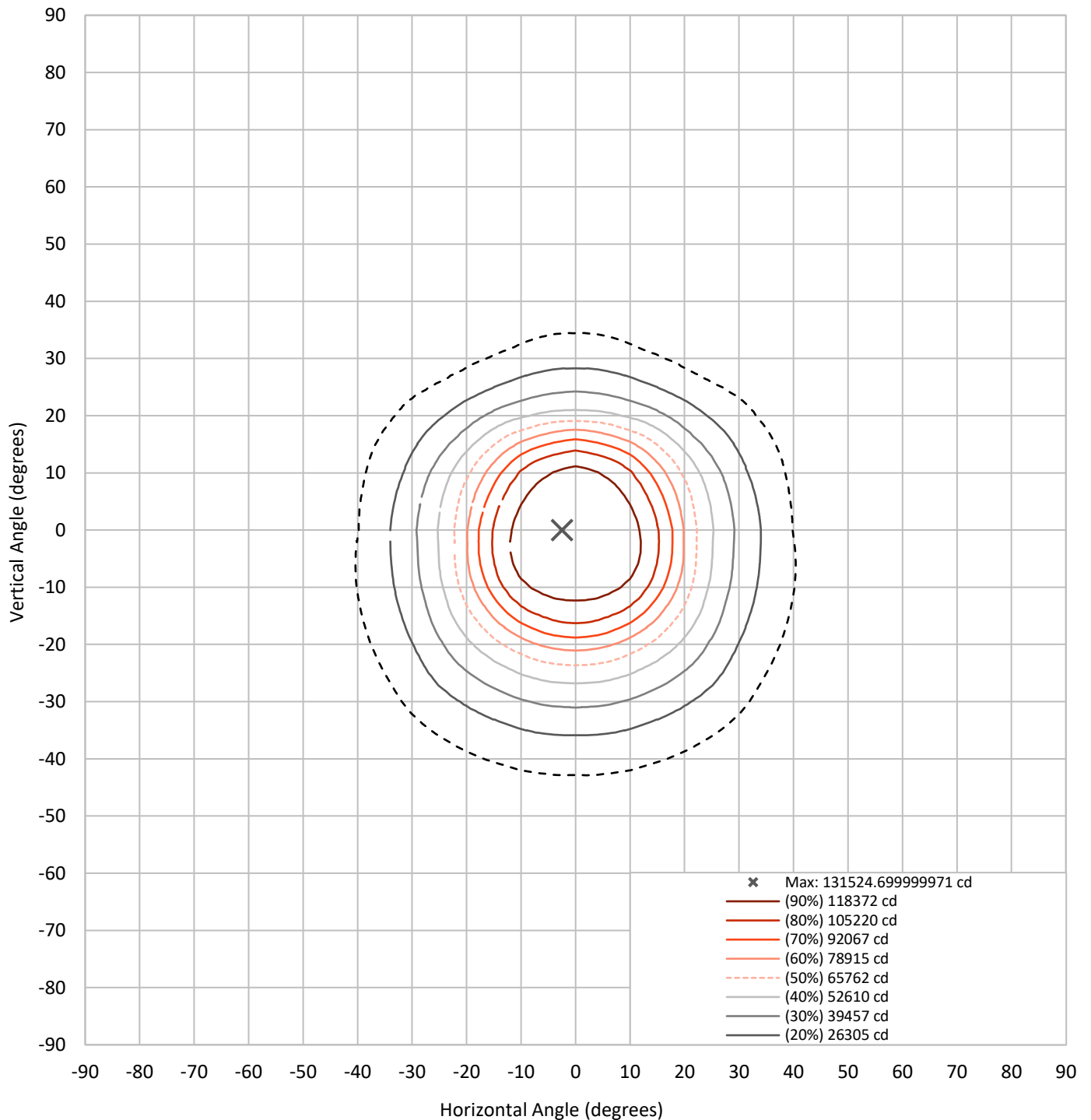
Test Method: LM-79-08
Report Number: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-5S-VHE-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 5S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	85640.4 lumens	Max Intensity:	131524.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	132.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	44.5°H x 42.5°V	Field Angle (10%):	79.6°H x 77.3°V
Beam Lumens:	47024.7 lumens	Field Lumens:	78693.1 lumens
Beam Efficiency:	54.9%	Field Efficiency:	91.9%
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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CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

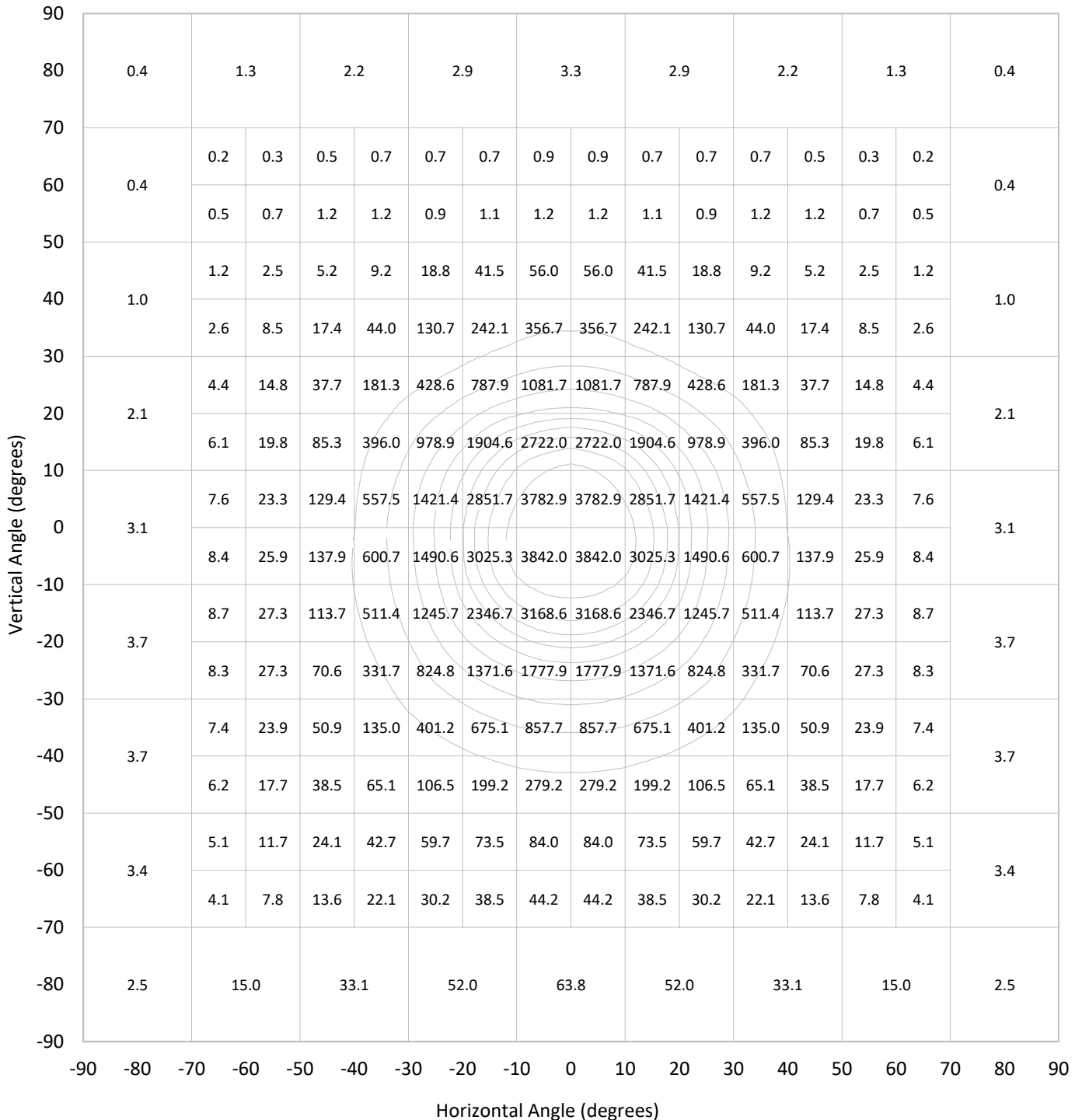
Iso-Candela Plot





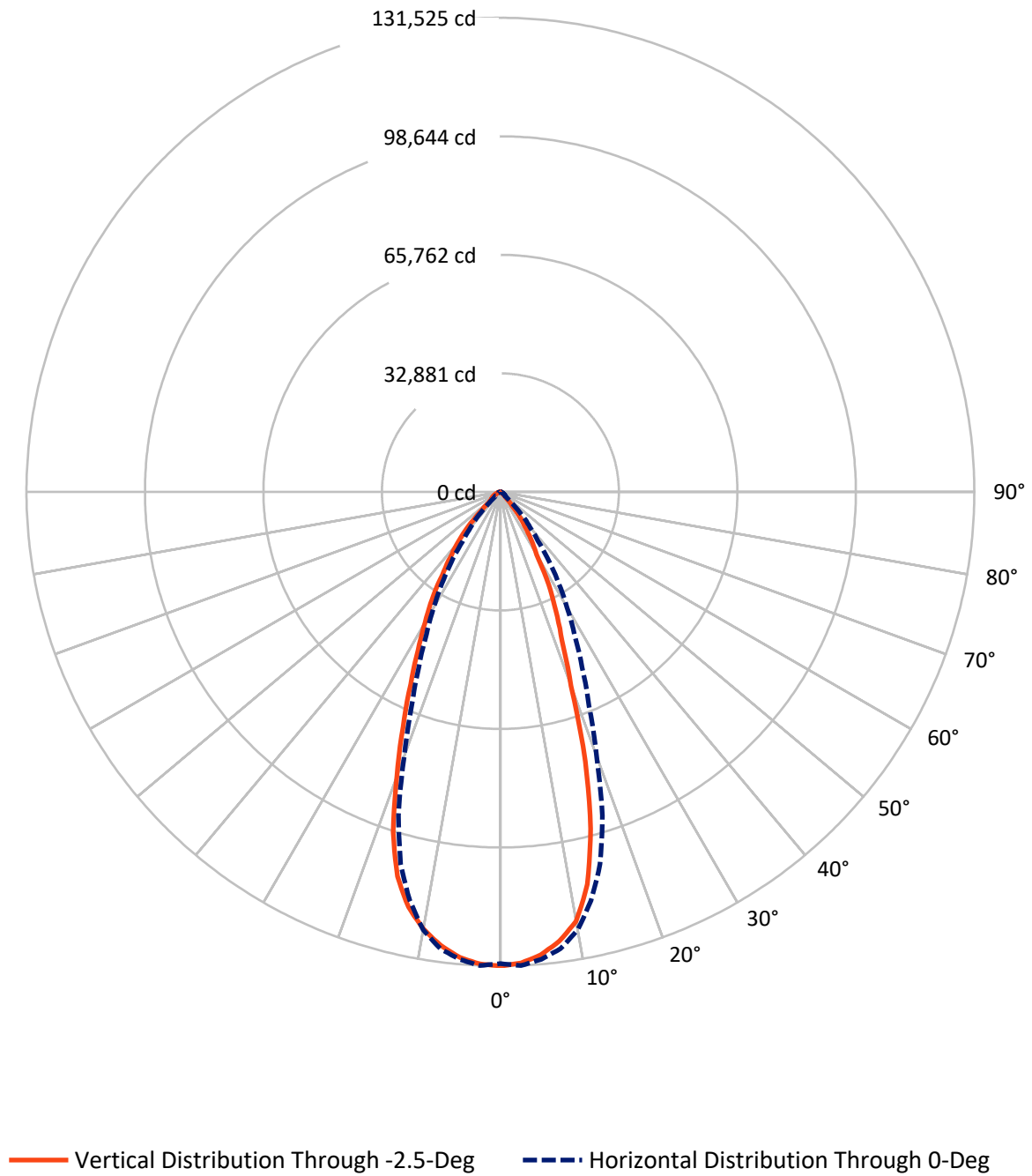
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 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

Lumen Table



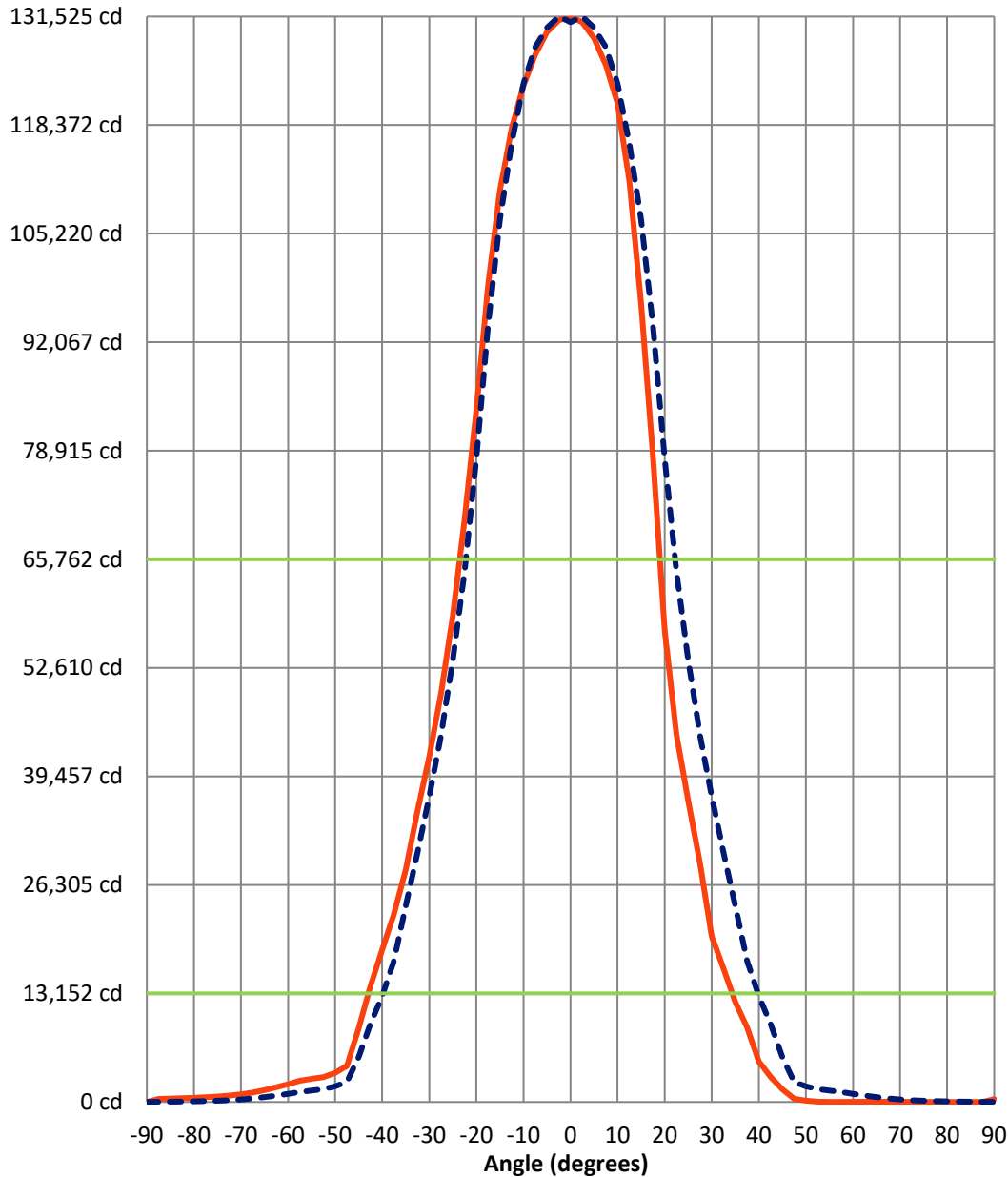
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 44.5°
 V Angle: 42.5°
 Lumens: 47024.7
 Efficiency: 54.9%

Field:
 H Angle: 79.6°
 V Angle: 77.3°
 Lumens: 78693.1
 Efficiency: 91.9%

Spill:
 Lumens: 6947.3
 Efficiency: 8.1%

— 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°	11.4	22.2	33.1	54.8	76.5	96.6	116.8	133.4	149.9	161.8	173.6
87.5°	11.4	10.6	9.6	9.6	9.7	9.8	9.8	9.4	9.0	8.9	8.7
85°	11.4	10.8	9.9	10.0	10.0	10.2	10.4	10.0	9.7	9.5	9.2
82.5°	11.4	11.0	10.1	10.3	10.4	10.7	10.9	10.7	10.4	10.1	9.6
80°	11.4	11.3	10.4	10.7	10.8	11.1	11.5	11.3	11.1	10.7	10.1
77.5°	11.4	11.5	10.7	11.0	11.1	11.6	12.0	11.9	11.9	11.4	10.6
75°	11.4	11.7	11.0	11.4	11.6	12.3	12.6	12.6	12.6	11.9	11.2
72.5°	11.4	12.0	11.4	11.7	12.3	13.0	13.2	13.2	13.1	12.4	11.7
70°	11.4	12.2	11.7	12.1	13.0	13.7	13.9	14.0	13.6	12.9	12.7
67.5°	11.4	12.5	12.1	12.7	13.8	14.5	14.8	14.8	14.3	14.1	13.8
65°	11.4	12.7	12.4	13.3	14.5	15.3	15.7	15.7	15.7	15.3	15.3
62.5°	11.4	13.0	12.8	13.9	15.3	16.2	16.6	17.1	17.2	17.0	17.8
60°	11.4	13.2	13.2	14.5	16.0	17.0	17.6	18.7	18.9	20.5	20.7
57.5°	11.4	13.5	13.9	15.1	17.0	17.9	19.6	20.4	23.2	24.8	26.4
55°	11.4	13.7	14.6	15.7	18.2	18.8	21.8	22.6	28.8	30.8	34.0
52.5°	11.4	14.0	15.4	16.3	19.4	20.0	24.3	28.4	35.0	40.1	42.5
50°	11.4	14.2	16.1	16.9	20.7	22.9	27.0	34.8	42.6	50.0	55.0
47.5°	11.4	14.5	17.0	17.6	22.0	25.9	30.3	41.3	52.3	60.5	68.9
45°	11.4	14.7	17.9	18.7	23.5	29.0	36.0	47.9	62.1	73.9	83.6
42.5°	11.4	15.0	18.8	19.9	25.1	32.4	41.7	55.9	72.3	87.9	105.8
40°	11.4	15.2	19.7	21.6	27.2	35.8	47.8	65.0	83.5	102.4	130.5
37.5°	11.4	15.5	20.7	23.7	30.0	39.4	54.4	74.3	96.7	119.8	156.6
35°	11.4	15.7	21.7	25.8	32.7	44.2	61.1	83.7	110.2	143.3	186.8
32.5°	11.4	16.0	22.8	28.0	35.5	49.5	68.2	93.6	124.0	167.3	221.1
30°	11.4	16.2	23.8	30.1	38.3	54.7	76.5	104.0	138.1	191.8	254.8
27.5°	11.4	16.5	24.9	32.4	42.1	59.9	84.7	115.4	153.9	216.4	287.7
25°	11.4	16.7	26.0	34.6	45.9	65.0	92.6	126.4	172.2	243.0	320.1
22.5°	11.4	16.9	27.1	36.9	49.7	70.2	100.3	136.9	189.5	265.8	354.2
20°	11.4	17.1	28.2	39.1	53.4	75.8	107.8	146.9	205.7	287.4	382.8
17.5°	11.4	17.4	29.3	41.4	57.0	81.2	115.2	156.3	220.8	307.7	409.8
15°	11.4	17.6	30.4	43.6	60.5	86.4	122.4	165.5	234.8	326.6	435.4
12.5°	11.4	17.8	31.5	45.8	63.8	91.3	129.2	174.6	248.9	344.0	459.4
10°	11.4	18.0	32.5	48.0	67.1	95.9	135.5	183.1	262.9	364.6	484.7
7.5°	11.4	18.1	33.5	50.0	70.2	100.3	141.4	191.0	275.8	384.5	515.1
5°	11.4	18.3	34.4	52.1	73.1	104.3	146.8	198.3	287.5	402.9	543.6
2.5°	11.4	18.5	35.4	54.0	76.0	108.1	151.7	205.0	298.0	419.5	569.8
0°	11.4	18.6	36.2	55.8	78.6	111.6	156.1	210.9	307.0	434.1	593.3
-2.5°	11.4	19.3	37.7	58.3	82.2	116.7	162.8	219.5	317.5	446.4	605.4
-5°	11.4	20.0	39.2	60.6	85.7	121.5	168.9	227.2	326.4	456.4	614.4
-7.5°	11.4	20.7	40.6	62.8	88.9	125.9	174.4	234.1	333.7	463.9	620.2
-10°	11.4	21.4	41.9	64.9	92.0	129.9	179.3	240.1	339.2	469.0	623.0
-12.5°	11.4	22.0	43.2	66.9	94.7	133.4	183.6	245.2	343.0	471.6	627.3
-15°	11.4	22.6	44.3	68.7	97.3	136.6	187.1	249.3	345.0	472.4	629.6
-17.5°	11.4	23.2	45.4	70.3	99.6	139.2	190.0	252.8	345.5	470.4	627.0
-20°	11.4	23.7	46.4	71.8	101.6	141.4	192.7	255.8	344.2	465.6	619.2



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	11.4	24.2	47.2	73.1	103.3	143.0	195.3	257.8	341.2	457.8	606.8
-25°	11.4	24.7	48.0	74.3	104.7	145.1	197.2	258.9	336.3	447.2	595.9
-27.5°	11.4	25.1	48.6	75.3	105.9	147.0	198.4	259.1	329.7	440.1	587.9
-30°	11.4	25.5	49.2	76.1	106.9	148.4	198.7	258.3	326.9	434.4	575.5
-32.5°	11.4	25.9	49.6	76.7	108.7	149.3	198.4	257.7	326.6	425.7	558.4
-35°	11.4	26.2	50.0	77.2	110.2	149.8	198.4	256.7	324.8	414.0	536.4
-37.5°	11.4	26.5	50.2	77.5	111.4	150.3	198.4	255.2	321.3	399.3	516.5
-40°	11.4	26.7	50.3	77.6	112.3	151.4	197.8	252.5	316.2	390.4	497.3
-42.5°	11.4	26.9	50.3	77.8	113.1	152.1	196.6	248.9	311.2	383.0	474.8
-45°	11.4	27.0	50.2	78.2	113.7	152.5	194.9	245.2	305.7	373.6	451.2
-47.5°	11.4	27.1	50.0	78.4	113.9	152.5	192.5	242.3	298.9	362.1	437.9
-50°	11.4	27.1	49.7	78.5	113.8	152.1	191.7	238.6	290.2	351.8	422.3
-52.5°	11.4	27.1	49.2	78.3	113.2	151.4	190.6	234.0	282.8	339.6	403.4
-55°	11.4	27.1	48.7	78.0	112.3	150.0	189.0	228.9	275.6	325.6	384.4
-57.5°	11.4	27.0	48.0	77.4	111.1	148.2	187.0	226.3	267.3	314.5	363.8
-60°	11.4	26.9	47.3	76.6	109.5	145.9	184.3	222.7	259.1	303.5	344.0
-62.5°	11.4	26.7	46.6	75.6	107.9	143.3	180.9	218.3	253.7	290.9	328.3
-65°	11.4	26.5	45.9	74.4	106.1	140.2	176.9	213.2	247.7	281.1	311.5
-67.5°	11.4	26.2	45.0	72.9	103.9	136.8	172.4	207.1	241.1	271.8	298.6
-70°	11.4	25.9	44.0	71.3	101.5	133.2	167.5	200.4	232.9	261.9	286.8
-72.5°	11.4	25.5	43.0	69.8	98.8	129.0	161.6	193.2	224.1	250.6	274.4
-75°	11.4	25.2	41.8	68.1	95.8	124.5	155.2	184.8	214.7	238.9	261.3
-77.5°	11.4	24.8	40.5	66.3	93.1	119.5	148.2	175.6	203.6	226.3	247.7
-80°	11.4	24.3	39.2	64.3	90.1	115.1	140.7	166.0	191.8	212.0	231.8
-82.5°	11.4	23.8	37.7	62.1	87.0	110.8	135.0	156.9	179.5	197.3	214.9
-85°	11.4	23.3	36.2	59.8	83.7	106.3	129.2	149.3	169.8	184.7	199.4
-87.5°	11.4	22.8	34.7	57.4	80.2	101.6	123.1	141.5	160.0	173.3	186.6
-90°	11.4	10.4	9.3	9.3	9.3	9.3	9.3	8.8	8.3	8.3	8.3



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	180.9	188.1	194.9	201.6	209.9	218.1	226.9	235.7	245.0	254.3	263.1
87.5°	8.2	7.8	7.8	7.8	7.3	6.8	6.5	6.2	5.7	5.2	5.1
85°	8.7	8.3	8.4	8.3	7.9	7.5	7.1	6.6	6.2	5.8	5.8
82.5°	9.4	9.3	9.0	8.4	8.2	8.2	7.8	7.3	6.8	6.5	6.4
80°	10.1	10.3	9.5	8.7	8.5	8.3	7.8	7.3	7.2	7.2	6.9
77.5°	10.5	10.4	9.8	9.3	8.9	8.6	8.3	7.9	7.7	7.3	7.2
75°	10.8	10.5	10.1	9.6	9.2	9.2	9.0	8.7	8.5	8.5	8.5
72.5°	11.4	11.2	10.6	9.8	9.5	9.8	9.8	9.5	9.8	10.2	10.1
70°	12.3	11.9	11.3	10.5	10.1	10.5	11.0	11.7	12.5	12.7	13.7
67.5°	13.3	12.9	11.9	11.4	11.1	11.8	12.4	15.0	17.4	18.7	20.1
65°	14.8	14.1	13.2	13.0	12.4	14.9	17.1	19.8	24.7	27.1	26.9
62.5°	16.6	16.8	15.6	15.9	18.0	20.2	23.9	29.6	35.4	37.6	35.6
60°	21.1	20.5	20.6	22.0	24.2	26.9	32.7	39.7	46.4	50.0	44.6
57.5°	27.0	26.8	28.4	29.3	32.4	33.2	40.9	49.6	55.3	59.6	52.5
55°	35.4	35.7	38.7	39.6	41.8	41.7	48.4	56.6	62.4	64.4	57.1
52.5°	47.0	47.5	53.0	53.7	53.0	53.7	56.1	64.9	69.8	70.0	63.5
50°	59.7	66.3	69.7	71.9	67.9	70.4	68.1	77.9	85.3	84.6	86.9
47.5°	78.6	87.4	92.4	95.9	92.9	100.6	99.0	114.0	119.1	147.5	152.0
45°	100.9	115.0	121.6	129.6	138.6	147.9	171.9	171.9	239.1	265.6	335.2
42.5°	125.9	147.2	165.4	168.7	213.3	239.2	272.0	339.3	404.8	487.2	518.6
40°	159.1	182.8	219.9	262.0	311.5	367.9	428.9	510.6	596.7	639.4	644.7
37.5°	195.9	240.3	292.2	368.5	444.5	518.6	595.9	675.8	737.8	753.6	811.4
35°	235.5	300.5	397.4	485.0	573.4	675.8	744.6	818.2	855.4	920.7	1032.0
32.5°	285.3	362.3	482.8	596.7	695.0	806.3	872.3	928.7	1016.1	1129.2	1375.1
30°	337.2	432.1	553.9	685.4	806.4	899.9	974.9	1045.6	1182.6	1456.0	2299.1
27.5°	380.5	492.0	620.1	766.7	904.8	990.0	1075.0	1198.5	1443.3	2006.6	3605.7
25°	419.3	540.4	685.0	855.2	990.3	1084.2	1194.9	1369.2	1753.3	3282.1	5331.3
22.5°	457.1	588.1	759.0	948.2	1077.1	1176.7	1344.4	1659.3	2464.2	4613.5	7076.3
20°	496.3	649.0	839.4	1034.6	1160.2	1258.8	1475.0	1941.0	3588.6	6046.7	8616.1
17.5°	537.2	710.4	917.7	1096.0	1213.6	1344.8	1612.8	2172.0	4527.3	7385.3	10261.5
15°	577.3	769.4	984.7	1149.0	1262.4	1437.6	1797.8	2853.5	5519.9	8879.9	12020.7
12.5°	615.7	822.9	1036.6	1190.6	1310.5	1524.1	1949.8	3604.3	6713.4	10267.7	13550.1
10°	651.8	870.9	1080.3	1229.9	1362.9	1616.4	2096.2	4339.4	7758.2	11169.6	14493.9
7.5°	689.0	910.8	1117.2	1267.4	1413.4	1703.4	2257.4	4910.4	8538.3	11863.3	15223.3
5°	722.6	941.6	1152.6	1309.4	1465.4	1780.6	2387.7	5346.9	9123.6	12436.5	15872.8
2.5°	752.1	965.7	1182.8	1348.9	1516.1	1845.2	2425.2	5468.3	9398.6	12744.8	16511.8
0°	777.3	984.0	1207.2	1384.0	1561.8	1897.7	2435.1	5447.0	9466.7	12838.3	17133.9
-2.5°	791.6	1007.5	1250.9	1434.4	1602.7	1940.0	2486.7	5455.0	9524.2	13492.6	17933.9
-5°	801.6	1025.2	1286.7	1479.1	1638.9	1969.8	2515.4	5331.1	9446.4	13837.1	18167.7
-7.5°	807.2	1036.3	1313.1	1516.3	1671.7	1991.4	2531.5	5129.4	9450.7	13852.8	17873.6
-10°	810.1	1046.8	1325.5	1537.2	1699.9	2001.8	2523.7	4783.1	9075.5	13477.8	17389.1
-12.5°	819.9	1056.6	1329.9	1552.7	1722.4	2004.3	2535.3	4444.2	8371.8	12795.2	16696.4
-15°	823.7	1059.1	1327.5	1565.5	1758.8	2028.7	2535.7	3917.7	7458.2	11929.0	15825.4
-17.5°	821.2	1054.3	1319.9	1583.9	1792.3	2030.7	2478.1	3227.2	6414.7	10696.7	14678.6
-20°	812.2	1043.4	1303.4	1593.0	1811.5	2047.5	2461.2	3115.1	5392.0	9156.1	13286.1



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	799.2	1026.5	1279.8	1572.9	1833.4	2084.3	2438.1	2966.0	4189.4	7396.0	11562.2
-25°	783.7	1007.8	1254.4	1549.7	1843.6	2107.9	2366.6	2766.8	3483.3	5890.1	9428.6
-27.5°	767.5	981.1	1227.4	1511.3	1837.4	2096.7	2324.5	2656.4	3162.8	4217.0	7205.5
-30°	747.0	949.2	1187.7	1461.5	1783.0	2062.1	2298.9	2513.6	2859.5	3493.0	5286.9
-32.5°	721.8	911.8	1143.4	1404.8	1701.0	2020.6	2239.6	2426.2	2689.6	3077.9	3813.9
-35°	693.5	878.7	1094.2	1333.3	1603.7	1916.5	2150.4	2347.9	2525.8	2824.7	3295.3
-37.5°	664.6	837.9	1030.9	1257.6	1515.1	1770.4	2046.5	2243.3	2422.5	2610.1	2945.3
-40°	630.8	787.3	968.0	1177.6	1395.9	1627.6	1883.7	2130.2	2307.3	2502.8	2703.8
-42.5°	593.8	739.1	900.7	1082.3	1278.3	1486.6	1713.8	1960.8	2198.2	2385.1	2569.9
-45°	564.0	687.1	828.9	990.7	1159.4	1344.7	1552.0	1768.3	2020.4	2262.3	2433.2
-47.5°	528.0	635.3	766.1	894.4	1047.0	1212.4	1389.4	1594.3	1805.7	2043.9	2277.6
-50°	493.5	591.9	692.4	808.2	937.7	1083.0	1240.8	1421.3	1616.7	1811.9	2023.9
-52.5°	469.9	545.1	630.8	722.1	835.3	959.9	1099.7	1252.8	1424.2	1594.8	1778.6
-55°	444.0	509.1	570.7	648.0	737.0	845.1	966.4	1100.3	1230.9	1386.7	1542.8
-57.5°	418.7	472.7	522.1	581.5	655.8	735.2	845.5	956.9	1070.4	1191.0	1322.9
-60°	393.1	437.3	480.5	528.5	582.7	653.0	729.7	822.8	915.5	1011.9	1128.6
-62.5°	367.4	403.5	440.5	481.9	528.0	575.4	638.2	706.0	771.0	858.8	951.8
-65°	346.8	371.6	402.3	438.7	475.9	519.3	563.0	605.5	662.5	729.1	796.5
-67.5°	324.7	348.0	370.5	396.1	429.7	465.5	501.6	539.7	578.4	624.1	673.4
-70°	308.6	325.0	345.0	366.2	388.3	414.2	446.3	478.0	510.5	548.7	587.9
-72.5°	293.4	308.5	323.5	338.2	358.1	379.6	400.9	422.1	449.2	481.7	513.0
-75°	277.8	291.7	305.4	318.8	333.8	349.9	366.5	385.7	406.7	429.2	451.0
-77.5°	261.8	274.2	286.6	299.0	312.7	326.9	341.5	356.1	372.7	390.1	407.0
-80°	244.7	256.3	267.4	278.4	290.8	303.4	316.5	329.5	344.2	359.3	373.3
-82.5°	225.9	236.1	246.5	256.8	268.2	279.6	291.1	302.6	315.5	328.6	340.6
-85°	207.9	215.8	225.0	234.0	244.4	254.8	265.1	275.3	287.2	299.0	309.4
-87.5°	194.4	202.0	209.5	216.9	225.8	234.6	243.5	252.4	262.8	273.2	282.2
-90°	7.8	7.2	7.2	7.2	6.7	6.2	6.2	6.2	5.7	5.2	4.7



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	271.8	277.5	283.2	287.9	292.5	298.7	304.9	313.2	321.4	329.7	338.0
87.5°	5.0	4.6	4.1	4.0	4.0	4.0	4.0	3.6	3.1	3.1	3.1
85°	5.8	5.7	5.6	5.4	5.0	5.0	5.1	5.1	5.1	4.6	4.1
82.5°	6.2	6.2	6.2	5.7	5.2	5.2	5.2	5.2	5.2	4.7	4.1
80°	6.5	6.4	6.2	6.0	5.8	5.6	5.2	4.8	4.3	4.2	4.1
77.5°	7.3	7.0	6.6	6.5	6.3	5.8	5.3	4.7	4.2	4.1	4.1
75°	8.4	8.0	7.8	7.4	6.9	6.6	6.5	6.2	5.9	5.9	6.0
72.5°	10.0	9.8	9.8	10.1	10.0	10.3	10.8	11.2	11.7	12.5	13.5
70°	14.9	15.9	16.3	16.7	16.6	16.4	16.4	16.6	17.1	17.6	18.1
67.5°	21.8	23.4	24.2	24.6	23.0	22.1	22.2	22.6	23.5	24.9	27.0
65°	28.4	28.0	27.2	26.7	26.9	27.0	26.8	27.1	28.5	30.7	33.3
62.5°	33.3	28.9	26.2	24.9	25.8	27.4	26.3	25.4	26.6	27.9	29.2
60°	38.1	29.8	23.8	22.0	21.7	22.3	20.5	18.9	19.4	19.8	20.5
57.5°	42.6	31.8	22.1	18.8	15.8	14.2	13.8	13.2	12.8	12.5	12.7
55°	46.7	34.7	21.7	19.2	17.1	16.6	15.2	14.4	13.8	13.6	14.0
52.5°	51.8	44.6	35.6	33.1	37.2	37.5	33.2	39.5	44.2	46.4	47.3
50°	84.8	75.9	91.2	89.7	107.5	120.1	115.7	129.7	150.6	163.7	169.2
47.5°	186.3	186.6	216.7	243.3	265.4	294.2	316.4	337.8	367.6	386.0	394.4
45°	353.4	383.5	414.9	460.6	504.5	557.9	622.1	672.7	875.4	1077.3	1261.0
42.5°	540.9	573.9	619.9	719.5	837.9	1111.9	1601.9	1875.4	2216.8	2588.4	2731.0
40°	697.0	744.9	871.2	1151.7	1834.8	2485.2	3199.8	3803.9	4338.7	4646.4	4903.6
37.5°	889.8	1004.2	1579.2	2373.1	3222.4	4037.7	4773.5	5412.0	5966.2	6415.7	6860.6
35°	1170.8	1930.3	2779.8	3812.1	4714.9	5470.1	6232.5	6964.1	7592.6	8264.0	9261.6
32.5°	2219.6	3212.2	4304.9	5230.2	6112.6	7065.5	7866.6	9037.2	9954.0	11178.0	13048.6
30°	3562.6	4808.4	5799.2	6724.7	7856.2	9138.4	10476.1	12266.5	14137.5	16089.3	18097.9
27.5°	5287.0	6545.3	7589.8	8824.4	10318.3	12024.7	14582.1	17105.9	19789.2	22229.8	24084.8
25°	7365.4	8698.0	10483.5	12274.8	14412.7	17328.7	20201.9	23294.2	25984.4	28379.6	31060.9
22.5°	9313.4	11497.8	13855.6	16559.8	20041.3	23330.1	26882.6	30011.9	33388.1	36801.9	39442.1
20°	10957.9	13803.7	17185.9	21084.2	24943.4	28668.9	32802.9	37791.1	42817.2	47307.5	50566.0
17.5°	13176.3	16780.2	20990.4	25624.1	29778.7	34395.5	40149.2	46630.4	53673.2	59904.7	64845.8
15°	15600.2	19808.6	24569.0	29424.2	34680.4	40866.8	48265.2	56542.3	65157.2	73895.1	82035.7
12.5°	17247.9	22178.5	27376.9	33149.9	39705.9	48000.4	56984.1	66159.7	76004.6	86876.7	96319.8
10°	18656.7	24126.6	30398.2	37113.3	44646.6	53562.9	62847.9	73992.8	86281.5	96987.9	107102.4
7.5°	20050.0	26477.5	33028.8	40020.7	48297.2	57981.6	68970.4	80956.5	93462.5	105099.6	113370.9
5°	21698.7	28367.0	34917.9	42303.6	50971.0	61044.6	72635.3	86399.3	99575.7	110272.5	117732.9
2.5°	23062.0	29500.5	36208.3	43518.2	52426.2	62943.8	75523.7	90819.4	104339.8	114341.7	121092.3
0°	23756.1	30226.4	37020.2	44448.6	53580.4	64312.2	78037.3	94105.5	106883.9	116123.7	123353.1
-2.5°	23840.7	29995.6	36664.2	43990.8	52915.8	63860.4	77930.9	94188.9	107546.0	117149.4	124282.2
-5°	23594.3	29691.6	36347.4	43678.5	52482.7	63882.9	78010.6	93644.0	106550.8	116498.2	123215.6
-7.5°	23000.1	29133.3	35801.4	43024.6	51690.4	62746.9	75923.4	90094.1	103369.9	114118.1	120314.8
-10°	22129.6	28155.8	34721.2	41635.7	49808.1	60030.5	71814.6	84787.8	98203.3	108479.9	115626.1
-12.5°	21028.6	26731.9	33007.9	39545.0	47260.9	56784.8	67289.0	78152.3	89397.9	101114.0	108557.2
-15°	19764.6	24976.1	30850.8	37423.1	45051.4	52988.5	61332.4	70182.8	80463.3	90046.6	98710.7
-17.5°	18565.3	23053.7	28535.1	34938.4	41434.3	48330.9	55481.7	62707.6	70951.5	78474.2	85203.9
-20°	17057.9	20879.8	25930.3	31619.9	37656.0	43631.7	49773.9	55628.1	61612.9	67736.1	73080.8



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	15281.4	18998.1	23211.9	28165.9	33960.8	39279.2	44198.7	48773.7	53570.6	57807.5	62206.0
-25°	13346.0	16919.6	20792.0	25308.1	29757.3	34578.8	38661.8	42552.4	46273.3	49600.2	53020.5
-27.5°	10969.5	14742.1	18559.1	22173.5	25845.1	29307.0	33113.8	36703.4	39806.5	42551.1	45261.9
-30°	8292.0	12296.3	15907.0	19007.6	21918.3	24805.7	27720.1	30732.2	33669.8	36169.1	38389.4
-32.5°	6118.1	9458.4	12795.9	15834.3	18381.8	20768.2	23034.7	25397.9	27452.6	29562.3	31615.6
-35°	4047.8	6408.8	9179.4	12268.3	14921.5	16929.1	18984.2	20868.3	22417.2	24052.8	25602.9
-37.5°	3406.6	4034.8	5888.3	8396.1	10853.4	13162.0	15211.5	16849.5	18275.0	19581.4	20920.2
-40°	3004.9	3363.4	3890.7	4801.8	6868.4	8899.3	11010.8	12751.9	14270.6	15522.9	16755.5
-42.5°	2741.4	2987.3	3250.1	3608.9	3962.5	4957.2	6690.4	8193.3	9617.6	11028.6	12298.5
-45°	2604.8	2742.9	2893.2	3088.2	3239.5	3509.1	3810.1	4093.0	5226.6	6451.7	7477.1
-47.5°	2441.0	2588.3	2700.5	2792.4	2866.0	2984.4	3109.5	3273.1	3535.6	3845.0	4081.2
-50°	2231.6	2410.3	2522.4	2614.5	2667.3	2713.1	2758.2	2860.7	3002.9	3171.7	3305.6
-52.5°	1960.9	2137.7	2296.4	2416.2	2474.6	2531.5	2588.2	2658.7	2739.5	2837.0	2906.9
-55°	1705.7	1853.4	1990.7	2102.5	2203.2	2295.0	2383.2	2457.9	2545.1	2637.8	2703.0
-57.5°	1463.5	1582.8	1695.5	1792.3	1879.5	1956.6	2046.9	2144.9	2256.5	2362.8	2437.5
-60°	1237.3	1332.1	1425.8	1504.3	1575.3	1638.6	1722.0	1804.3	1902.1	1989.2	2052.5
-62.5°	1034.8	1117.7	1186.9	1246.2	1299.7	1352.6	1422.8	1491.7	1572.1	1641.6	1694.3
-65°	859.8	928.9	977.7	1021.7	1060.4	1105.5	1159.8	1215.0	1278.3	1332.3	1375.5
-67.5°	724.8	771.6	802.3	829.5	861.6	897.6	938.5	982.6	1031.8	1072.6	1105.7
-70°	622.8	651.9	670.6	690.8	714.3	739.2	767.0	800.1	837.5	869.4	896.8
-72.5°	542.1	564.3	579.7	595.4	609.5	626.5	645.2	670.0	697.6	722.5	745.7
-75°	472.0	488.0	502.3	515.9	528.3	542.6	557.5	578.4	601.0	621.6	641.0
-77.5°	425.0	437.3	446.8	456.0	464.9	476.9	489.2	506.0	523.6	540.6	557.1
-80°	387.3	396.8	404.8	411.5	417.7	427.9	438.4	452.2	466.2	480.9	495.4
-82.5°	352.4	360.7	368.4	374.8	380.6	389.8	399.2	411.5	423.9	436.2	448.2
-85°	319.7	327.3	334.5	340.6	346.5	354.0	361.3	372.0	382.7	393.8	404.8
-87.5°	291.2	298.3	305.5	310.3	314.9	321.6	328.2	337.3	346.4	355.9	365.4
-90°	4.1	4.1	4.1	3.6	3.1	3.1	3.1	2.6	2.1	2.1	2.1



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	342.2	346.3	348.4	350.4	348.4	346.3	342.2	338.0	329.7	321.4	313.2
87.5°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.1	3.1	3.1	3.6
85°	3.6	3.1	3.6	4.1	3.6	3.1	3.6	4.1	4.6	5.1	5.1
82.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.7	5.2	5.2
80°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.3	4.8
77.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.7
75°	5.7	5.2	5.2	5.2	5.2	5.2	5.7	6.0	5.9	5.9	6.2
72.5°	14.0	14.2	14.9	15.5	14.9	14.2	14.0	13.5	12.5	11.7	11.2
70°	18.3	18.5	18.6	18.6	18.6	18.5	18.3	18.1	17.6	17.1	16.6
67.5°	28.1	28.5	29.8	31.0	29.8	28.5	28.1	27.0	24.9	23.5	22.6
65°	35.2	36.7	37.1	37.2	37.1	36.7	35.2	33.3	30.7	28.5	27.1
62.5°	30.5	31.8	32.1	32.0	32.1	31.8	30.5	29.2	27.9	26.6	25.4
60°	21.3	21.9	22.2	22.7	22.2	21.9	21.3	20.5	19.8	19.4	18.9
57.5°	12.9	13.5	13.5	13.4	13.5	13.5	12.9	12.7	12.5	12.8	13.2
55°	14.1	14.4	14.1	13.4	14.1	14.4	14.1	14.0	13.6	13.8	14.4
52.5°	46.1	43.7	41.4	39.3	41.4	43.7	46.1	47.3	46.4	44.2	39.5
50°	167.4	164.6	160.6	156.1	160.6	164.6	167.4	169.2	163.7	150.6	129.7
47.5°	401.9	402.7	398.8	391.7	398.8	402.7	401.9	394.4	386.0	367.6	337.8
45°	1421.0	1498.3	1540.0	1569.0	1540.0	1498.3	1421.0	1261.0	1077.3	875.4	672.7
42.5°	2855.7	2964.2	3046.6	3063.6	3046.6	2964.2	2855.7	2731.0	2588.4	2216.8	1875.4
40°	5208.5	5226.6	4924.4	4468.2	4924.4	5226.6	5208.5	4903.6	4646.4	4338.7	3803.9
37.5°	7390.8	8153.3	9039.3	9491.5	9039.3	8153.3	7390.8	6860.6	6415.7	5966.2	5412.0
35°	10607.5	11754.7	12126.8	12136.4	12126.8	11754.7	10607.5	9261.6	8264.0	7592.6	6964.1
32.5°	14735.5	15668.2	16166.2	16031.0	16166.2	15668.2	14735.5	13048.6	11178.0	9954.0	9037.2
30°	19268.4	20079.9	20086.5	19815.0	20086.5	20079.9	19268.4	18097.9	16089.3	14137.5	12266.5
27.5°	26004.9	27719.6	28926.5	29251.7	28926.5	27719.6	26004.9	24084.8	22229.8	19789.2	17105.9
25°	33476.8	35361.1	36519.7	36941.6	36519.7	35361.1	33476.8	31060.9	28379.6	25984.4	23294.2
22.5°	41899.4	43731.3	44567.5	45004.7	44567.5	43731.3	41899.4	39442.1	36801.9	33388.1	30011.9
20°	53672.2	56277.0	57259.0	57678.6	57259.0	56277.0	53672.2	50566.0	47307.5	42817.2	37791.1
17.5°	69979.7	75124.2	78340.9	79992.9	78340.9	75124.2	69979.7	64845.8	59904.7	53673.2	46630.4
15°	88060.4	93283.2	96717.8	98777.4	96717.8	93283.2	88060.4	82035.7	73895.1	65157.2	56542.3
12.5°	103571.5	108227.4	111544.8	113517.0	111544.8	108227.4	103571.5	96319.8	86876.7	76004.6	66159.7
10°	113522.3	117515.1	120957.0	122637.9	120957.0	117515.1	113522.3	107102.4	96987.9	86281.5	73992.8
7.5°	119146.3	123789.0	125654.7	126804.3	125654.7	123789.0	119146.3	113370.9	105099.6	93462.5	80956.5
5°	123505.0	127173.8	128896.1	129736.6	128896.1	127173.8	123505.0	117732.9	110272.5	99575.7	86399.3
2.5°	126414.6	129599.7	130817.7	131495.8	130817.7	129599.7	126414.6	121092.3	114341.7	104339.8	90819.4
0°	127811.0	130159.3	131524.7	130859.1	131524.7	130159.3	127811.0	123353.1	116123.7	106883.9	94105.5
-2.5°	127820.8	130052.9	131067.9	130573.8	131067.9	130052.9	127820.8	124282.2	117149.4	107546.0	94188.9
-5°	126727.2	128393.1	129629.4	129233.2	129629.4	128393.1	126727.2	123215.6	116498.2	106550.8	93644.0
-7.5°	123778.1	125992.2	126897.7	126941.7	126897.7	125992.2	123778.1	120314.8	114118.1	103369.9	90094.1
-10°	119721.2	122175.9	123140.0	123238.4	123140.0	122175.9	119721.2	115626.1	108479.9	98203.3	84787.8
-12.5°	113691.6	116571.2	117958.6	118205.8	117958.6	116571.2	113691.6	108557.2	101114.0	89397.9	78152.3
-15°	104331.5	108212.7	110403.5	111172.2	110403.5	108212.7	104331.5	98710.7	90046.6	80463.3	70182.8
-17.5°	91606.8	96244.1	98975.8	99939.1	98975.8	96244.1	91606.8	85203.9	78474.2	70951.5	62707.6
-20°	78333.7	81771.6	83877.5	84745.3	83877.5	81771.6	78333.7	73080.8	67736.1	61612.9	55628.1



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	66260.6	69032.4	70597.1	71292.1	70597.1	69032.4	66260.6	62206.0	57807.5	53570.6	48773.7
-25°	55789.4	58124.0	58926.4	59378.9	58926.4	58124.0	55789.4	53020.5	49600.2	46273.3	42552.4
-27.5°	47233.8	49085.8	49518.0	49917.4	49518.0	49085.8	47233.8	45261.9	42551.1	39806.5	36703.4
-30°	40024.6	41636.3	41856.5	42298.8	41856.5	41636.3	40024.6	38389.4	36169.1	33669.8	30732.2
-32.5°	33282.7	34717.7	35267.4	35352.0	35267.4	34717.7	33282.7	31615.6	29562.3	27452.6	25397.9
-35°	26826.7	27772.5	28146.7	28169.5	28146.7	27772.5	26826.7	25602.9	24052.8	22417.2	20868.3
-37.5°	21750.7	22353.7	22787.1	22667.7	22787.1	22353.7	21750.7	20920.2	19581.4	18275.0	16849.5
-40°	17446.2	18052.8	18448.9	18352.5	18448.9	18052.8	17446.2	16755.5	15522.9	14270.6	12751.9
-42.5°	12999.0	13666.1	14040.6	13937.0	14040.6	13666.1	12999.0	12298.5	11028.6	9617.6	8193.3
-45°	8061.7	8649.7	8925.6	8757.6	8925.6	8649.7	8061.7	7477.1	6451.7	5226.6	4093.0
-47.5°	4205.8	4339.6	4382.4	4322.5	4382.4	4339.6	4205.8	4081.2	3845.0	3535.6	3273.1
-50°	3410.0	3494.0	3530.1	3519.4	3530.1	3494.0	3410.0	3305.6	3171.7	3002.9	2860.7
-52.5°	2961.7	3000.6	3013.4	3005.7	3013.4	3000.6	2961.7	2906.9	2837.0	2739.5	2658.7
-55°	2758.0	2796.5	2809.8	2805.2	2809.8	2796.5	2758.0	2703.0	2637.8	2545.1	2457.9
-57.5°	2499.6	2546.8	2576.1	2591.2	2576.1	2546.8	2499.6	2437.5	2362.8	2256.5	2144.9
-60°	2103.6	2141.4	2152.3	2146.8	2152.3	2141.4	2103.6	2052.5	1989.2	1902.1	1804.3
-62.5°	1735.7	1766.8	1790.0	1805.7	1790.0	1766.8	1735.7	1694.3	1641.6	1572.1	1491.7
-65°	1407.2	1429.7	1434.4	1430.5	1434.4	1429.7	1407.2	1375.5	1332.3	1278.3	1215.0
-67.5°	1128.9	1145.6	1147.8	1144.2	1147.8	1145.6	1128.9	1105.7	1072.6	1031.8	982.6
-70°	915.3	929.3	931.3	929.2	931.3	929.3	915.3	896.8	869.4	837.5	800.1
-72.5°	759.2	769.4	777.2	783.5	777.2	769.4	759.2	745.7	722.5	697.6	670.0
-75°	650.8	658.2	660.0	660.5	660.0	658.2	650.8	641.0	621.6	601.0	578.4
-77.5°	565.8	573.1	578.4	582.9	578.4	573.1	565.8	557.1	540.6	523.6	506.0
-80°	502.0	507.6	511.9	515.8	511.9	507.6	502.0	495.4	480.9	466.2	452.2
-82.5°	454.5	460.4	463.9	467.2	463.9	460.4	454.5	448.2	436.2	423.9	411.5
-85°	409.6	414.2	417.5	420.7	417.5	414.2	409.6	404.8	393.8	382.7	372.0
-87.5°	369.8	374.1	376.2	378.3	376.2	374.1	369.8	365.4	355.9	346.4	337.3
-90°	1.6	1.0	1.0	1.0	1.0	1.0	1.6	2.1	2.1	2.1	2.6



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	304.9	298.7	292.5	287.9	283.2	277.5	271.8	263.1	254.3	245.0	235.7
87.5°	4.0	4.0	4.0	4.0	4.1	4.6	5.0	5.1	5.2	5.7	6.2
85°	5.1	5.0	5.0	5.4	5.6	5.7	5.8	5.8	5.8	6.2	6.6
82.5°	5.2	5.2	5.2	5.7	6.2	6.2	6.2	6.4	6.5	6.8	7.3
80°	5.2	5.6	5.8	6.0	6.2	6.4	6.5	6.9	7.2	7.2	7.3
77.5°	5.3	5.8	6.3	6.5	6.6	7.0	7.3	7.2	7.3	7.7	7.9
75°	6.5	6.6	6.9	7.4	7.8	8.0	8.4	8.5	8.5	8.5	8.7
72.5°	10.8	10.3	10.0	10.1	9.8	9.8	10.0	10.1	10.2	9.8	9.5
70°	16.4	16.4	16.6	16.7	16.3	15.9	14.9	13.7	12.7	12.5	11.7
67.5°	22.2	22.1	23.0	24.6	24.2	23.4	21.8	20.1	18.7	17.4	15.0
65°	26.8	27.0	26.9	26.7	27.2	28.0	28.4	26.9	27.1	24.7	19.8
62.5°	26.3	27.4	25.8	24.9	26.2	28.9	33.3	35.6	37.6	35.4	29.6
60°	20.5	22.3	21.7	22.0	23.8	29.8	38.1	44.6	50.0	46.4	39.7
57.5°	13.8	14.2	15.8	18.8	22.1	31.8	42.6	52.5	59.6	55.3	49.6
55°	15.2	16.6	17.1	19.2	21.7	34.7	46.7	57.1	64.4	62.4	56.6
52.5°	33.2	37.5	37.2	33.1	35.6	44.6	51.8	63.5	70.0	69.8	64.9
50°	115.7	120.1	107.5	89.7	91.2	75.9	84.8	86.9	84.6	85.3	77.9
47.5°	316.4	294.2	265.4	243.3	216.7	186.6	186.3	152.0	147.5	119.1	114.0
45°	622.1	557.9	504.5	460.6	414.9	383.5	353.4	335.2	265.6	239.1	171.9
42.5°	1601.9	1111.9	837.9	719.5	619.9	573.9	540.9	518.6	487.2	404.8	339.3
40°	3199.8	2485.2	1834.8	1151.7	871.2	744.9	697.0	644.7	639.4	596.7	510.6
37.5°	4773.5	4037.7	3222.4	2373.1	1579.2	1004.2	889.8	811.4	753.6	737.8	675.8
35°	6232.5	5470.1	4714.9	3812.1	2779.8	1930.3	1170.8	1032.0	920.7	855.4	818.2
32.5°	7866.6	7065.5	6112.6	5230.2	4304.9	3212.2	2219.6	1375.1	1129.2	1016.1	928.7
30°	10476.1	9138.4	7856.2	6724.7	5799.2	4808.4	3562.6	2299.1	1456.0	1182.6	1045.6
27.5°	14582.1	12024.7	10318.3	8824.4	7589.8	6545.3	5287.0	3605.7	2006.6	1443.3	1198.5
25°	20201.9	17328.7	14412.7	12274.8	10483.5	8698.0	7365.4	5331.3	3282.1	1753.3	1369.2
22.5°	26882.6	23330.1	20041.3	16559.8	13855.6	11497.8	9313.4	7076.3	4613.5	2464.2	1659.3
20°	32802.9	28668.9	24943.4	21084.2	17185.9	13803.7	10957.9	8616.1	6046.7	3588.6	1941.0
17.5°	40149.2	34395.5	29778.7	25624.1	20990.4	16780.2	13176.3	10261.5	7385.3	4527.3	2172.0
15°	48265.2	40866.8	34680.4	29424.2	24569.0	19808.6	15600.2	12020.7	8879.9	5519.9	2853.5
12.5°	56984.1	48000.4	39705.9	33149.9	27376.9	22178.5	17247.9	13550.1	10267.7	6713.4	3604.3
10°	62847.9	53562.9	44646.6	37113.3	30398.2	24126.6	18656.7	14493.9	11169.6	7758.2	4339.4
7.5°	68970.4	57981.6	48297.2	40020.7	33028.8	26477.5	20050.0	15223.3	11863.3	8538.3	4910.4
5°	72635.3	61044.6	50971.0	42303.6	34917.9	28367.0	21698.7	15872.8	12436.5	9123.6	5346.9
2.5°	75523.7	62943.8	52426.2	43518.2	36208.3	29500.5	23062.0	16511.8	12744.8	9398.6	5468.3
0°	78037.3	64312.2	53580.4	44448.6	37020.2	30226.4	23756.1	17133.9	12838.3	9466.7	5447.0
-2.5°	77930.9	63860.4	52915.8	43990.8	36664.2	29995.6	23840.7	17933.9	13492.6	9524.2	5455.0
-5°	78010.6	63882.9	52482.7	43678.5	36347.4	29691.6	23594.3	18167.7	13837.1	9446.4	5331.1
-7.5°	75923.4	62746.9	51690.4	43024.6	35801.4	29133.3	23000.1	17873.6	13852.8	9450.7	5129.4
-10°	71814.6	60030.5	49808.1	41635.7	34721.2	28155.8	22129.6	17389.1	13477.8	9075.5	4783.1
-12.5°	67289.0	56784.8	47260.9	39545.0	33007.9	26731.9	21028.6	16696.4	12795.2	8371.8	4444.2
-15°	61332.4	52988.5	45051.4	37423.1	30850.8	24976.1	19764.6	15825.4	11929.0	7458.2	3917.7
-17.5°	55481.7	48330.9	41434.3	34938.4	28535.1	23053.7	18565.3	14678.6	10696.7	6414.7	3227.2
-20°	49773.9	43631.7	37656.0	31619.9	25930.3	20879.8	17057.9	13286.1	9156.1	5392.0	3115.1



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	44198.7	39279.2	33960.8	28165.9	23211.9	18998.1	15281.4	11562.2	7396.0	4189.4	2966.0
-25°	38661.8	34578.8	29757.3	25308.1	20792.0	16919.6	13346.0	9428.6	5890.1	3483.3	2766.8
-27.5°	33113.8	29307.0	25845.1	22173.5	18559.1	14742.1	10969.5	7205.5	4217.0	3162.8	2656.4
-30°	27720.1	24805.7	21918.3	19007.6	15907.0	12296.3	8292.0	5286.9	3493.0	2859.5	2513.6
-32.5°	23034.7	20768.2	18381.8	15834.3	12795.9	9458.4	6118.1	3813.9	3077.9	2689.6	2426.2
-35°	18984.2	16929.1	14921.5	12268.3	9179.4	6408.8	4047.8	3295.3	2824.7	2525.8	2347.9
-37.5°	15211.5	13162.0	10853.4	8396.1	5888.3	4034.8	3406.6	2945.3	2610.1	2422.5	2243.3
-40°	11010.8	8899.3	6868.4	4801.8	3890.7	3363.4	3004.9	2703.8	2502.8	2307.3	2130.2
-42.5°	6690.4	4957.2	3962.5	3608.9	3250.1	2987.3	2741.4	2569.9	2385.1	2198.2	1960.8
-45°	3810.1	3509.1	3239.5	3088.2	2893.2	2742.9	2604.8	2433.2	2262.3	2020.4	1768.3
-47.5°	3109.5	2984.4	2866.0	2792.4	2700.5	2588.3	2441.0	2277.6	2043.9	1805.7	1594.3
-50°	2758.2	2713.1	2667.3	2614.5	2522.4	2410.3	2231.6	2023.9	1811.9	1616.7	1421.3
-52.5°	2588.2	2531.5	2474.6	2416.2	2296.4	2137.7	1960.9	1778.6	1594.8	1424.2	1252.8
-55°	2383.2	2295.0	2203.2	2102.5	1990.7	1853.4	1705.7	1542.8	1386.7	1230.9	1100.3
-57.5°	2046.9	1956.6	1879.5	1792.3	1695.5	1582.8	1463.5	1322.9	1191.0	1070.4	956.9
-60°	1722.0	1638.6	1575.3	1504.3	1425.8	1332.1	1237.3	1128.6	1011.9	915.5	822.8
-62.5°	1422.8	1352.6	1299.7	1246.2	1186.9	1117.7	1034.8	951.8	858.8	771.0	706.0
-65°	1159.8	1105.5	1060.4	1021.7	977.7	928.9	859.8	796.5	729.1	662.5	605.5
-67.5°	938.5	897.6	861.6	829.5	802.3	771.6	724.8	673.4	624.1	578.4	539.7
-70°	767.0	739.2	714.3	690.8	670.6	651.9	622.8	587.9	548.7	510.5	478.0
-72.5°	645.2	626.5	609.5	595.4	579.7	564.3	542.1	513.0	481.7	449.2	422.1
-75°	557.5	542.6	528.3	515.9	502.3	488.0	472.0	451.0	429.2	406.7	385.7
-77.5°	489.2	476.9	464.9	456.0	446.8	437.3	425.0	407.0	390.1	372.7	356.1
-80°	438.4	427.9	417.7	411.5	404.8	396.8	387.3	373.3	359.3	344.2	329.5
-82.5°	399.2	389.8	380.6	374.8	368.4	360.7	352.4	340.6	328.6	315.5	302.6
-85°	361.3	354.0	346.5	340.6	334.5	327.3	319.7	309.4	299.0	287.2	275.3
-87.5°	328.2	321.6	314.9	310.3	305.5	298.3	291.2	282.2	273.2	262.8	252.4
-90°	3.1	3.1	3.1	3.6	4.1	4.1	4.1	4.7	5.2	5.7	6.2



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	226.9	218.1	209.9	201.6	194.9	188.1	180.9	173.6	161.8	149.9	133.4
87.5°	6.5	6.8	7.3	7.8	7.8	7.8	8.2	8.7	8.9	9.0	9.4
85°	7.1	7.5	7.9	8.3	8.4	8.3	8.7	9.2	9.5	9.7	10.0
82.5°	7.8	8.2	8.2	8.4	9.0	9.3	9.4	9.6	10.1	10.4	10.7
80°	7.8	8.3	8.5	8.7	9.5	10.3	10.1	10.1	10.7	11.1	11.3
77.5°	8.3	8.6	8.9	9.3	9.8	10.4	10.5	10.6	11.4	11.9	11.9
75°	9.0	9.2	9.2	9.6	10.1	10.5	10.8	11.2	11.9	12.6	12.6
72.5°	9.8	9.8	9.5	9.8	10.6	11.2	11.4	11.7	12.4	13.1	13.2
70°	11.0	10.5	10.1	10.5	11.3	11.9	12.3	12.7	12.9	13.6	14.0
67.5°	12.4	11.8	11.1	11.4	11.9	12.9	13.3	13.8	14.1	14.3	14.8
65°	17.1	14.9	12.4	13.0	13.2	14.1	14.8	15.3	15.3	15.7	15.7
62.5°	23.9	20.2	18.0	15.9	15.6	16.8	16.6	17.8	17.0	17.2	17.1
60°	32.7	26.9	24.2	22.0	20.6	20.5	21.1	20.7	20.5	18.9	18.7
57.5°	40.9	33.2	32.4	29.3	28.4	26.8	27.0	26.4	24.8	23.2	20.4
55°	48.4	41.7	41.8	39.6	38.7	35.7	35.4	34.0	30.8	28.8	22.6
52.5°	56.1	53.7	53.0	53.7	53.0	47.5	47.0	42.5	40.1	35.0	28.4
50°	68.1	70.4	67.9	71.9	69.7	66.3	59.7	55.0	50.0	42.6	34.8
47.5°	99.0	100.6	92.9	95.9	92.4	87.4	78.6	68.9	60.5	52.3	41.3
45°	171.9	147.9	138.6	129.6	121.6	115.0	100.9	83.6	73.9	62.1	47.9
42.5°	272.0	239.2	213.3	168.7	165.4	147.2	125.9	105.8	87.9	72.3	55.9
40°	428.9	367.9	311.5	262.0	219.9	182.8	159.1	130.5	102.4	83.5	65.0
37.5°	595.9	518.6	444.5	368.5	292.2	240.3	195.9	156.6	119.8	96.7	74.3
35°	744.6	675.8	573.4	485.0	397.4	300.5	235.5	186.8	143.3	110.2	83.7
32.5°	872.3	806.3	695.0	596.7	482.8	362.3	285.3	221.1	167.3	124.0	93.6
30°	974.9	899.9	806.4	685.4	553.9	432.1	337.2	254.8	191.8	138.1	104.0
27.5°	1075.0	990.0	904.8	766.7	620.1	492.0	380.5	287.7	216.4	153.9	115.4
25°	1194.9	1084.2	990.3	855.2	685.0	540.4	419.3	320.1	243.0	172.2	126.4
22.5°	1344.4	1176.7	1077.1	948.2	759.0	588.1	457.1	354.2	265.8	189.5	136.9
20°	1475.0	1258.8	1160.2	1034.6	839.4	649.0	496.3	382.8	287.4	205.7	146.9
17.5°	1612.8	1344.8	1213.6	1096.0	917.7	710.4	537.2	409.8	307.7	220.8	156.3
15°	1797.8	1437.6	1262.4	1149.0	984.7	769.4	577.3	435.4	326.6	234.8	165.5
12.5°	1949.8	1524.1	1310.5	1190.6	1036.6	822.9	615.7	459.4	344.0	248.9	174.6
10°	2096.2	1616.4	1362.9	1229.9	1080.3	870.9	651.8	484.7	364.6	262.9	183.1
7.5°	2257.4	1703.4	1413.4	1267.4	1117.2	910.8	689.0	515.1	384.5	275.8	191.0
5°	2387.7	1780.6	1465.4	1309.4	1152.6	941.6	722.6	543.6	402.9	287.5	198.3
2.5°	2425.2	1845.2	1516.1	1348.9	1182.8	965.7	752.1	569.8	419.5	298.0	205.0
0°	2435.1	1897.7	1561.8	1384.0	1207.2	984.0	777.3	593.3	434.1	307.0	210.9
-2.5°	2486.7	1940.0	1602.7	1434.4	1250.9	1007.5	791.6	605.4	446.4	317.5	219.5
-5°	2515.4	1969.8	1638.9	1479.1	1286.7	1025.2	801.6	614.4	456.4	326.4	227.2
-7.5°	2531.5	1991.4	1671.7	1516.3	1313.1	1036.3	807.2	620.2	463.9	333.7	234.1
-10°	2523.7	2001.8	1699.9	1537.2	1325.5	1046.8	810.1	623.0	469.0	339.2	240.1
-12.5°	2535.3	2004.3	1722.4	1552.7	1329.9	1056.6	819.9	627.3	471.6	343.0	245.2
-15°	2535.7	2028.7	1758.8	1565.5	1327.5	1059.1	823.7	629.6	472.4	345.0	249.3
-17.5°	2478.1	2030.7	1792.3	1583.9	1319.9	1054.3	821.2	627.0	470.4	345.5	252.8
-20°	2461.2	2047.5	1811.5	1593.0	1303.4	1043.4	812.2	619.2	465.6	344.2	255.8



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2438.1	2084.3	1833.4	1572.9	1279.8	1026.5	799.2	606.8	457.8	341.2	257.8
-25°	2366.6	2107.9	1843.6	1549.7	1254.4	1007.8	783.7	595.9	447.2	336.3	258.9
-27.5°	2324.5	2096.7	1837.4	1511.3	1227.4	981.1	767.5	587.9	440.1	329.7	259.1
-30°	2298.9	2062.1	1783.0	1461.5	1187.7	949.2	747.0	575.5	434.4	326.9	258.3
-32.5°	2239.6	2020.6	1701.0	1404.8	1143.4	911.8	721.8	558.4	425.7	326.6	257.7
-35°	2150.4	1916.5	1603.7	1333.3	1094.2	878.7	693.5	536.4	414.0	324.8	256.7
-37.5°	2046.5	1770.4	1515.1	1257.6	1030.9	837.9	664.6	516.5	399.3	321.3	255.2
-40°	1883.7	1627.6	1395.9	1177.6	968.0	787.3	630.8	497.3	390.4	316.2	252.5
-42.5°	1713.8	1486.6	1278.3	1082.3	900.7	739.1	593.8	474.8	383.0	311.2	248.9
-45°	1552.0	1344.7	1159.4	990.7	828.9	687.1	564.0	451.2	373.6	305.7	245.2
-47.5°	1389.4	1212.4	1047.0	894.4	766.1	635.3	528.0	437.9	362.1	298.9	242.3
-50°	1240.8	1083.0	937.7	808.2	692.4	591.9	493.5	422.3	351.8	290.2	238.6
-52.5°	1099.7	959.9	835.3	722.1	630.8	545.1	469.9	403.4	339.6	282.8	234.0
-55°	966.4	845.1	737.0	648.0	570.7	509.1	444.0	384.4	325.6	275.6	228.9
-57.5°	845.5	735.2	655.8	581.5	522.1	472.7	418.7	363.8	314.5	267.3	226.3
-60°	729.7	653.0	582.7	528.5	480.5	437.3	393.1	344.0	303.5	259.1	222.7
-62.5°	638.2	575.4	528.0	481.9	440.5	403.5	367.4	328.3	290.9	253.7	218.3
-65°	563.0	519.3	475.9	438.7	402.3	371.6	346.8	311.5	281.1	247.7	213.2
-67.5°	501.6	465.5	429.7	396.1	370.5	348.0	324.7	298.6	271.8	241.1	207.1
-70°	446.3	414.2	388.3	366.2	345.0	325.0	308.6	286.8	261.9	232.9	200.4
-72.5°	400.9	379.6	358.1	338.2	323.5	308.5	293.4	274.4	250.6	224.1	193.2
-75°	366.5	349.9	333.8	318.8	305.4	291.7	277.8	261.3	238.9	214.7	184.8
-77.5°	341.5	326.9	312.7	299.0	286.6	274.2	261.8	247.7	226.3	203.6	175.6
-80°	316.5	303.4	290.8	278.4	267.4	256.3	244.7	231.8	212.0	191.8	166.0
-82.5°	291.1	279.6	268.2	256.8	246.5	236.1	225.9	214.9	197.3	179.5	156.9
-85°	265.1	254.8	244.4	234.0	225.0	215.8	207.9	199.4	184.7	169.8	149.3
-87.5°	243.5	234.6	225.8	216.9	209.5	202.0	194.4	186.6	173.3	160.0	141.5
-90°	6.2	6.2	6.7	7.2	7.2	7.2	7.8	8.3	8.3	8.3	8.8



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	116.8	96.6	76.5	54.8	33.1	22.2	11.4
87.5°	9.8	9.8	9.7	9.6	9.6	10.6	11.4
85°	10.4	10.2	10.0	10.0	9.9	10.8	11.4
82.5°	10.9	10.7	10.4	10.3	10.1	11.0	11.4
80°	11.5	11.1	10.8	10.7	10.4	11.3	11.4
77.5°	12.0	11.6	11.1	11.0	10.7	11.5	11.4
75°	12.6	12.3	11.6	11.4	11.0	11.7	11.4
72.5°	13.2	13.0	12.3	11.7	11.4	12.0	11.4
70°	13.9	13.7	13.0	12.1	11.7	12.2	11.4
67.5°	14.8	14.5	13.8	12.7	12.1	12.5	11.4
65°	15.7	15.3	14.5	13.3	12.4	12.7	11.4
62.5°	16.6	16.2	15.3	13.9	12.8	13.0	11.4
60°	17.6	17.0	16.0	14.5	13.2	13.2	11.4
57.5°	19.6	17.9	17.0	15.1	13.9	13.5	11.4
55°	21.8	18.8	18.2	15.7	14.6	13.7	11.4
52.5°	24.3	20.0	19.4	16.3	15.4	14.0	11.4
50°	27.0	22.9	20.7	16.9	16.1	14.2	11.4
47.5°	30.3	25.9	22.0	17.6	17.0	14.5	11.4
45°	36.0	29.0	23.5	18.7	17.9	14.7	11.4
42.5°	41.7	32.4	25.1	19.9	18.8	15.0	11.4
40°	47.8	35.8	27.2	21.6	19.7	15.2	11.4
37.5°	54.4	39.4	30.0	23.7	20.7	15.5	11.4
35°	61.1	44.2	32.7	25.8	21.7	15.7	11.4
32.5°	68.2	49.5	35.5	28.0	22.8	16.0	11.4
30°	76.5	54.7	38.3	30.1	23.8	16.2	11.4
27.5°	84.7	59.9	42.1	32.4	24.9	16.5	11.4
25°	92.6	65.0	45.9	34.6	26.0	16.7	11.4
22.5°	100.3	70.2	49.7	36.9	27.1	16.9	11.4
20°	107.8	75.8	53.4	39.1	28.2	17.1	11.4
17.5°	115.2	81.2	57.0	41.4	29.3	17.4	11.4
15°	122.4	86.4	60.5	43.6	30.4	17.6	11.4
12.5°	129.2	91.3	63.8	45.8	31.5	17.8	11.4
10°	135.5	95.9	67.1	48.0	32.5	18.0	11.4
7.5°	141.4	100.3	70.2	50.0	33.5	18.1	11.4
5°	146.8	104.3	73.1	52.1	34.4	18.3	11.4
2.5°	151.7	108.1	76.0	54.0	35.4	18.5	11.4
0°	156.1	111.6	78.6	55.8	36.2	18.6	11.4
-2.5°	162.8	116.7	82.2	58.3	37.7	19.3	11.4
-5°	168.9	121.5	85.7	60.6	39.2	20.0	11.4
-7.5°	174.4	125.9	88.9	62.8	40.6	20.7	11.4
-10°	179.3	129.9	92.0	64.9	41.9	21.4	11.4
-12.5°	183.6	133.4	94.7	66.9	43.2	22.0	11.4
-15°	187.1	136.6	97.3	68.7	44.3	22.6	11.4
-17.5°	190.0	139.2	99.6	70.3	45.4	23.2	11.4
-20°	192.7	141.4	101.6	71.8	46.4	23.7	11.4



REPORT NUMBER: P1305732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	195.3	143.0	103.3	73.1	47.2	24.2	11.4
-25°	197.2	145.1	104.7	74.3	48.0	24.7	11.4
-27.5°	198.4	147.0	105.9	75.3	48.6	25.1	11.4
-30°	198.7	148.4	106.9	76.1	49.2	25.5	11.4
-32.5°	198.4	149.3	108.7	76.7	49.6	25.9	11.4
-35°	198.4	149.8	110.2	77.2	50.0	26.2	11.4
-37.5°	198.4	150.3	111.4	77.5	50.2	26.5	11.4
-40°	197.8	151.4	112.3	77.6	50.3	26.7	11.4
-42.5°	196.6	152.1	113.1	77.8	50.3	26.9	11.4
-45°	194.9	152.5	113.7	78.2	50.2	27.0	11.4
-47.5°	192.5	152.5	113.9	78.4	50.0	27.1	11.4
-50°	191.7	152.1	113.8	78.5	49.7	27.1	11.4
-52.5°	190.6	151.4	113.2	78.3	49.2	27.1	11.4
-55°	189.0	150.0	112.3	78.0	48.7	27.1	11.4
-57.5°	187.0	148.2	111.1	77.4	48.0	27.0	11.4
-60°	184.3	145.9	109.5	76.6	47.3	26.9	11.4
-62.5°	180.9	143.3	107.9	75.6	46.6	26.7	11.4
-65°	176.9	140.2	106.1	74.4	45.9	26.5	11.4
-67.5°	172.4	136.8	103.9	72.9	45.0	26.2	11.4
-70°	167.5	133.2	101.5	71.3	44.0	25.9	11.4
-72.5°	161.6	129.0	98.8	69.8	43.0	25.5	11.4
-75°	155.2	124.5	95.8	68.1	41.8	25.2	11.4
-77.5°	148.2	119.5	93.1	66.3	40.5	24.8	11.4
-80°	140.7	115.1	90.1	64.3	39.2	24.3	11.4
-82.5°	135.0	110.8	87.0	62.1	37.7	23.8	11.4
-85°	129.2	106.3	83.7	59.8	36.2	23.3	11.4
-87.5°	123.1	101.6	80.2	57.4	34.7	22.8	11.4
-90°	9.3	9.3	9.3	9.3	9.3	10.4	11.4

(END OF REPORT)