

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: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

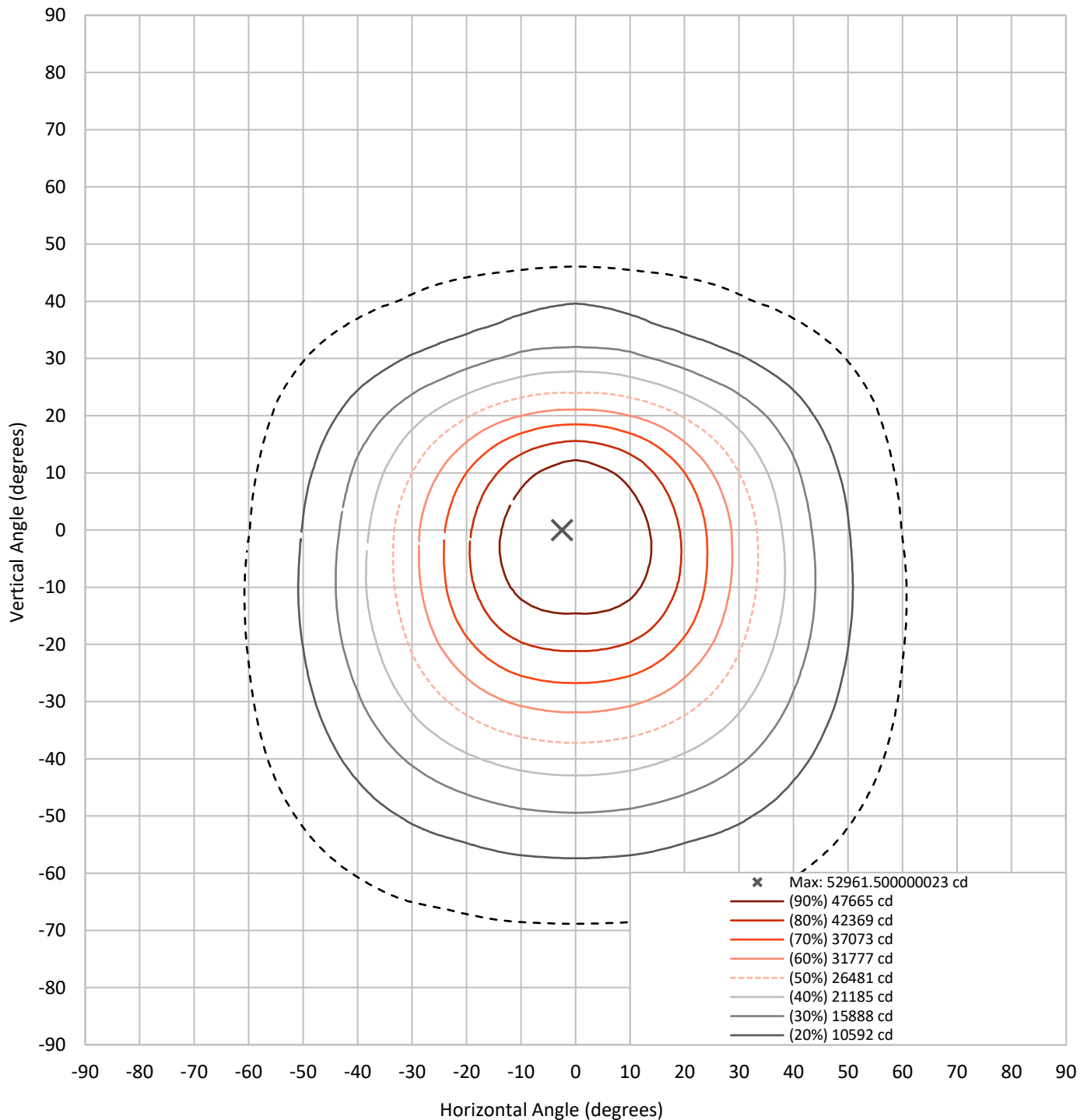
Test Method: LM-79-08
Report Number: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-530N-57-70-7F-VHE-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 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:	70458.2 lumens	Max Intensity:	52961.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	127.2 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:	38255.4 lumens	Field Lumens:	66025.7 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
Input Watts (W):	554		
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: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

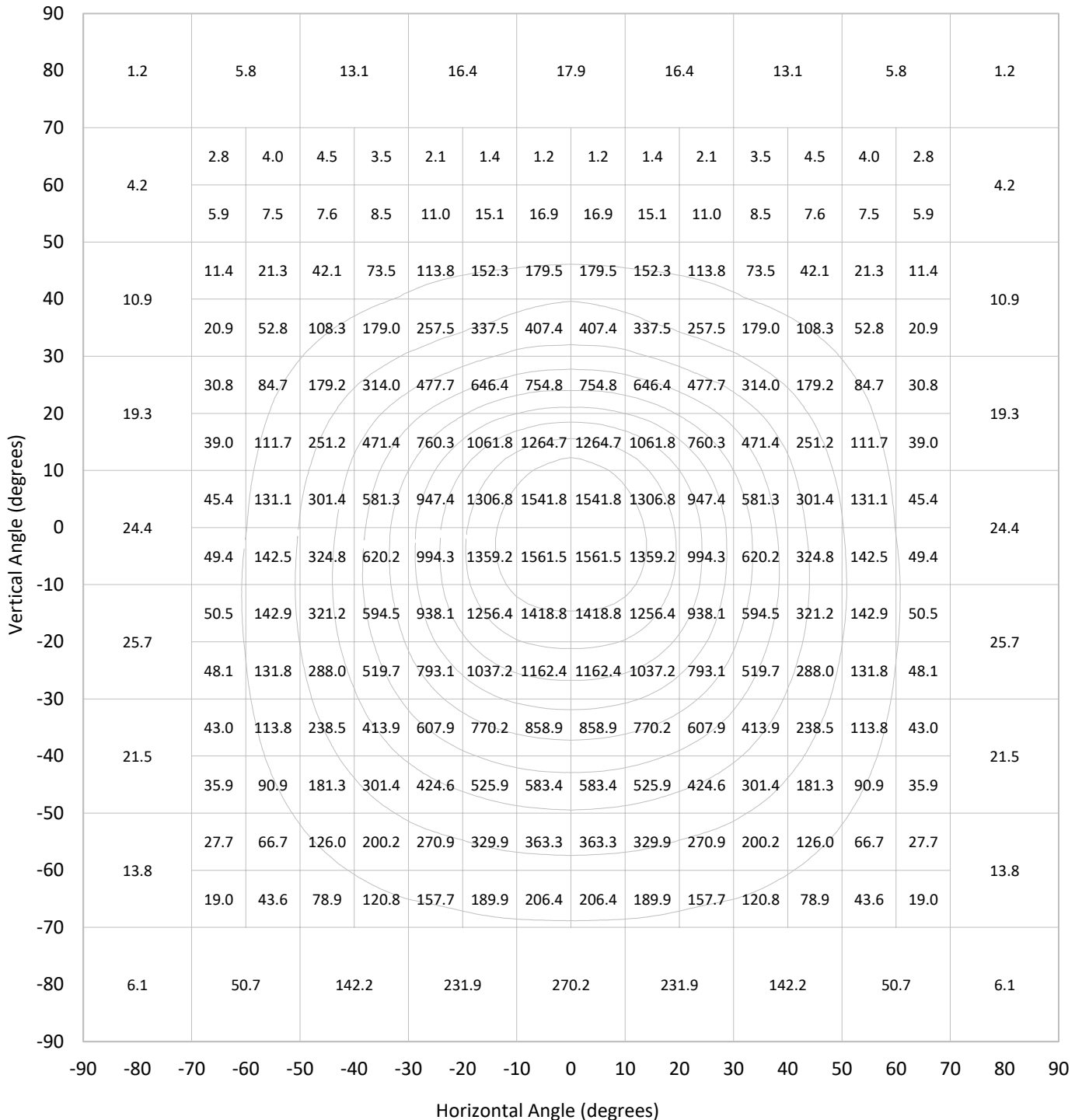
Iso-Candela Plot





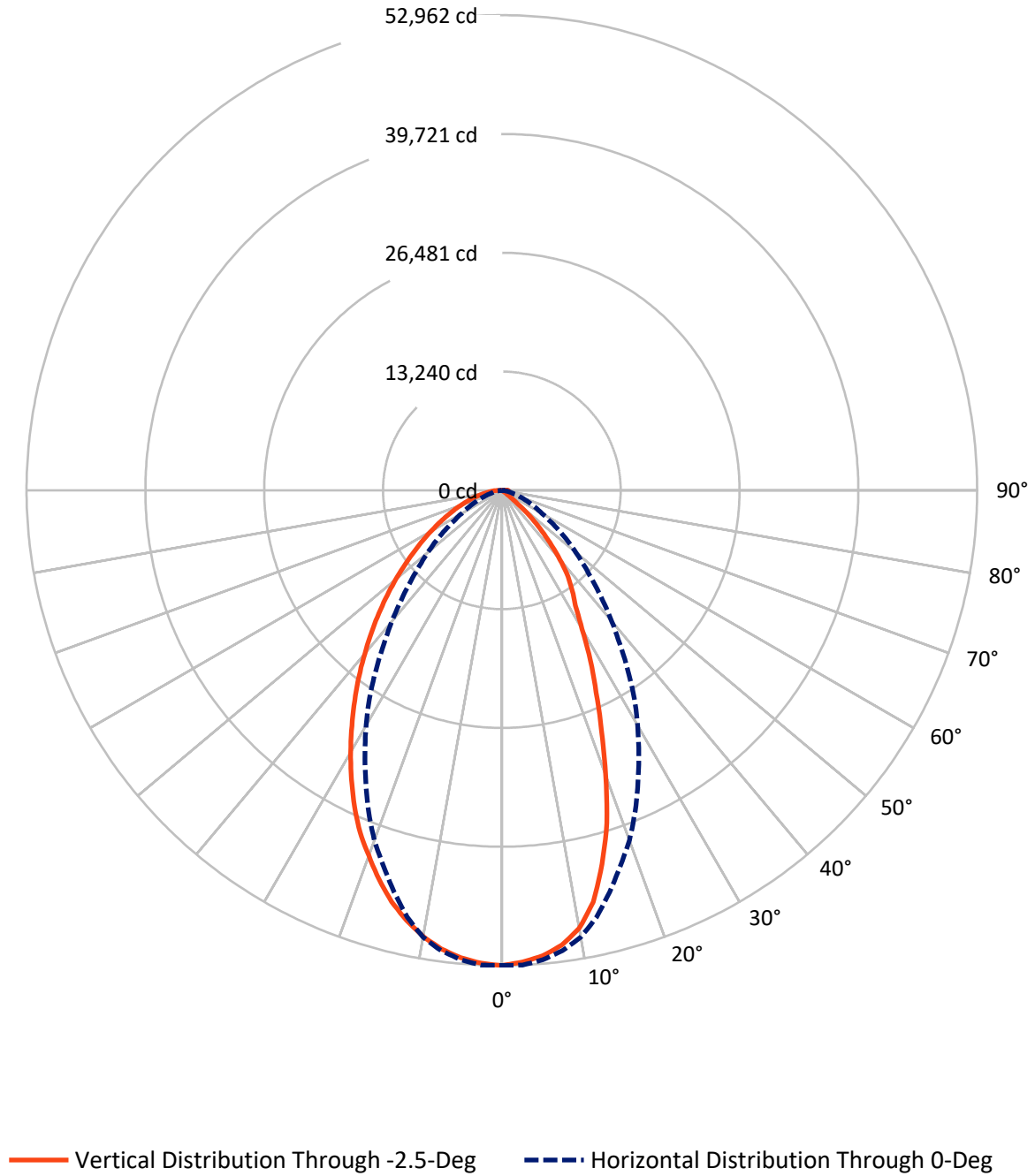
REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

Lumen Table



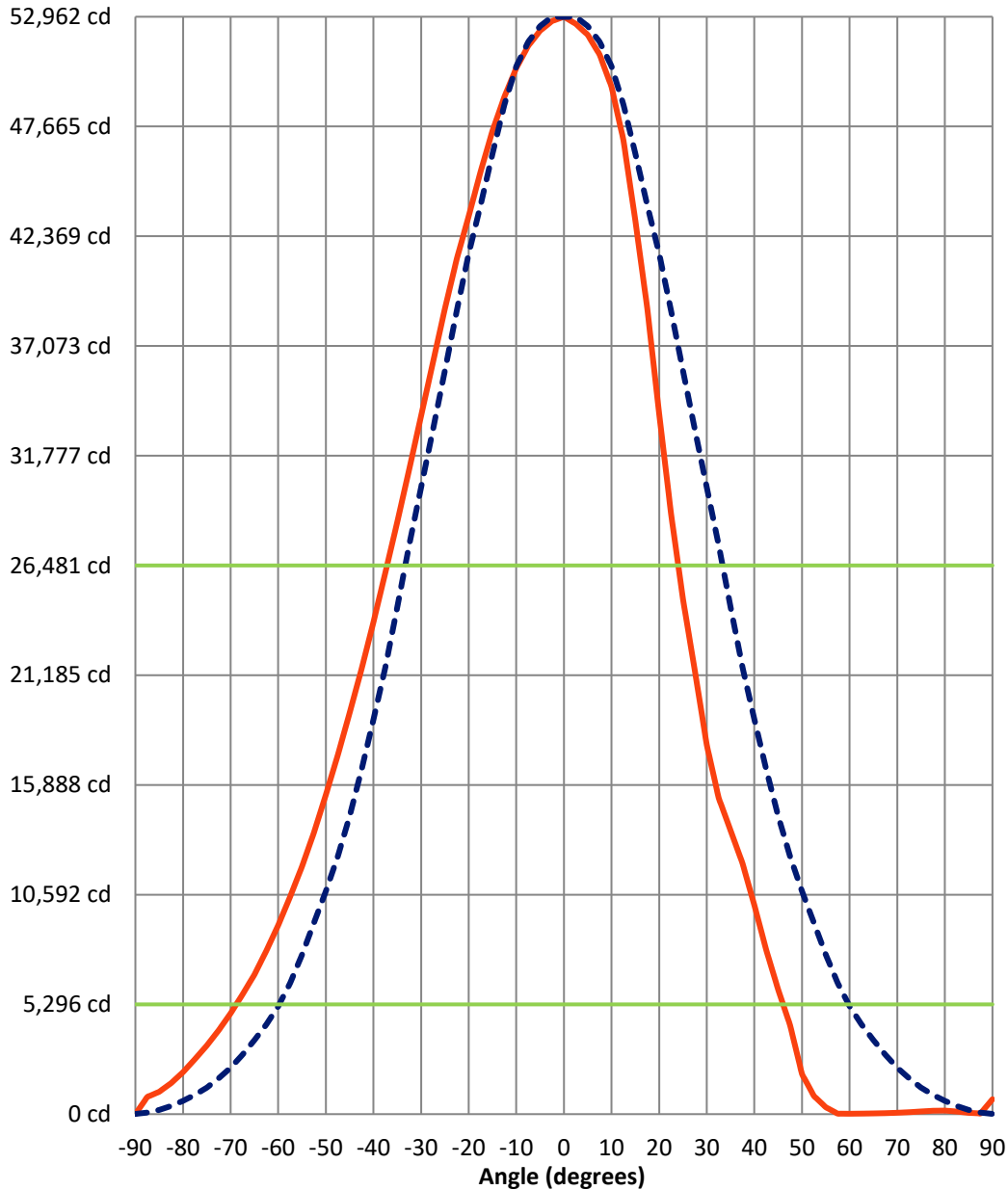
REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

Luminous Intensity Polar Plot



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 38255.4
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 66025.7
 Efficiency: 93.7%

Spill:
 Lumens: 4432.5
 Efficiency: 6.3%

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

REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	11.5	40.4	69.2	107.1	145.0	182.9	220.8	248.4	276.0	303.5	331.1
87.5°	11.5	14.6	16.8	18.2	19.3	20.2	20.9	20.8	20.5	20.0	19.2
85°	11.5	16.9	20.4	23.2	25.5	27.3	28.5	28.9	28.7	28.1	27.0
82.5°	11.5	19.2	24.0	28.2	31.6	34.3	36.2	37.0	37.7	40.5	42.6
80°	11.5	21.5	27.6	33.2	37.8	41.4	44.8	50.5	55.5	59.6	62.9
77.5°	11.5	23.8	31.2	38.1	43.9	51.3	59.6	66.8	73.3	78.8	81.3
75°	11.5	26.1	34.8	43.1	51.5	66.5	74.8	83.0	91.4	97.0	94.3
72.5°	11.5	28.3	38.5	48.0	65.8	81.9	90.3	101.2	113.5	116.0	108.8
70°	11.5	30.6	42.2	54.3	80.2	97.5	107.5	125.7	136.6	136.7	139.8
67.5°	11.5	32.8	45.9	66.5	94.7	113.5	133.9	151.0	161.2	175.2	176.3
65°	11.5	35.0	49.6	78.6	109.3	134.3	160.9	177.2	201.5	215.4	218.3
62.5°	11.5	37.2	53.4	90.7	123.9	160.2	188.7	213.4	243.1	259.9	270.9
60°	11.5	39.4	57.2	102.7	138.7	186.4	217.3	254.4	286.1	316.0	326.9
57.5°	11.5	41.5	66.0	114.7	161.3	213.1	256.7	296.8	340.3	374.8	392.2
55°	11.5	43.6	74.7	126.7	184.3	240.2	298.1	342.3	398.9	438.8	465.3
52.5°	11.5	45.7	83.2	138.6	207.4	269.2	340.3	399.5	459.4	514.7	543.9
50°	11.5	47.8	91.6	150.4	230.6	306.2	383.2	459.3	525.4	594.6	642.7
47.5°	11.5	49.8	99.9	163.5	253.7	343.3	428.3	520.3	602.6	678.7	751.8
45°	11.5	51.8	108.0	181.0	276.8	380.6	482.2	582.6	686.0	787.2	869.7
42.5°	11.5	53.7	115.8	198.2	299.9	418.0	536.5	653.1	772.1	902.2	1028.2
40°	11.5	55.6	123.5	215.2	326.1	455.3	591.1	729.7	865.9	1022.7	1204.5
37.5°	11.5	57.4	131.0	231.8	355.1	492.6	645.9	807.4	970.7	1151.6	1393.2
35°	11.5	59.2	138.2	247.8	383.7	534.3	700.7	885.9	1074.6	1301.7	1603.7
32.5°	11.5	60.9	145.1	263.2	411.6	577.8	758.3	965.0	1177.3	1445.7	1789.1
30°	11.5	62.6	151.8	278.1	439.0	620.5	822.4	1045.9	1278.5	1583.4	1962.9
27.5°	11.5	64.2	158.2	292.2	463.9	662.4	885.7	1130.2	1384.3	1714.5	2124.9
25°	11.5	65.7	164.3	305.7	487.4	703.2	948.0	1212.3	1495.8	1848.3	2275.8
22.5°	11.5	67.1	170.1	318.4	509.7	740.8	1009.0	1291.9	1601.3	1977.4	2434.3
20°	11.5	68.5	175.5	330.4	530.7	772.2	1068.3	1368.6	1700.5	2096.4	2583.9
17.5°	11.5	69.8	180.5	341.5	550.2	801.1	1114.9	1442.2	1793.4	2205.3	2723.9
15°	11.5	70.9	185.2	351.8	568.3	827.6	1151.1	1504.1	1879.9	2304.2	2853.8
12.5°	11.5	72.0	189.5	361.2	584.9	851.7	1183.1	1552.4	1956.1	2393.3	2972.9
10°	11.5	73.0	193.3	369.7	599.9	873.2	1210.8	1597.3	2024.5	2498.0	3094.3
7.5°	11.5	73.9	196.7	377.2	613.2	892.0	1234.4	1638.2	2087.9	2601.6	3232.5
5°	11.5	74.6	199.7	383.8	624.8	908.2	1253.8	1674.5	2145.6	2699.4	3359.1
2.5°	11.5	75.3	202.3	389.3	634.6	921.7	1269.0	1705.8	2196.7	2789.4	3472.9
0°	11.5	75.8	204.3	393.7	642.5	932.4	1280.1	1731.4	2240.5	2869.8	3573.3
-2.5°	11.5	77.3	207.4	399.7	653.0	949.8	1310.9	1773.9	2295.2	2926.2	3636.8
-5°	11.5	78.6	210.1	404.5	661.5	964.2	1337.2	1809.9	2341.3	2971.4	3685.7
-7.5°	11.5	79.9	212.2	408.2	667.9	975.5	1358.6	1838.9	2378.6	3005.4	3720.0
-10°	11.5	81.0	213.8	410.7	672.2	983.5	1374.7	1860.6	2406.6	3028.6	3739.4
-12.5°	11.5	81.9	214.9	411.9	674.2	988.1	1385.1	1874.7	2425.0	3041.6	3754.7
-15°	11.5	82.7	215.5	412.0	674.0	989.2	1389.6	1880.8	2431.3	3046.9	3758.3
-17.5°	11.5	83.4	215.5	410.7	671.4	986.7	1387.7	1876.5	2424.3	3039.0	3744.4
-20°	11.5	83.9	215.0	408.2	666.5	980.4	1380.1	1862.6	2406.6	3017.3	3712.4



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	11.5	84.3	214.0	404.4	659.1	970.2	1367.9	1841.4	2377.9	2981.6	3662.2
-25°	11.5	84.5	212.4	399.3	649.3	960.3	1350.4	1812.7	2338.1	2931.9	3593.4
-27.5°	11.5	84.5	210.3	392.9	637.0	948.0	1327.6	1776.6	2287.0	2871.7	3525.8
-30°	11.5	84.5	207.7	385.2	622.6	931.5	1299.4	1733.2	2233.2	2805.2	3442.4
-32.5°	11.5	84.2	204.5	376.1	609.5	910.9	1265.9	1691.7	2175.8	2725.2	3342.2
-35°	11.5	83.8	200.8	365.8	593.8	886.2	1234.7	1646.9	2109.9	2631.7	3225.3
-37.5°	11.5	83.2	196.6	354.2	575.4	859.7	1201.3	1595.8	2035.8	2524.8	3104.1
-40°	11.5	82.5	191.9	341.3	554.5	834.1	1162.4	1538.7	1953.5	2424.7	2976.4
-42.5°	11.5	81.7	186.7	327.9	535.0	805.0	1118.2	1475.7	1875.4	2325.4	2836.6
-45°	11.5	80.6	181.0	314.7	517.5	772.4	1068.8	1411.3	1796.4	2214.3	2688.8
-47.5°	11.5	79.5	174.8	300.2	497.9	736.5	1014.2	1346.9	1710.6	2091.6	2549.4
-50°	11.5	78.2	168.1	289.9	476.3	697.2	964.6	1276.0	1614.8	1981.5	2396.0
-52.5°	11.5	76.7	161.0	280.4	452.7	654.8	912.5	1199.1	1517.8	1861.8	2232.5
-55°	11.5	75.1	153.4	269.8	427.3	619.8	856.3	1117.9	1416.7	1733.0	2085.2
-57.5°	11.5	73.3	145.4	258.1	400.0	584.3	796.2	1045.6	1308.8	1605.3	1927.7
-60°	11.5	71.5	137.1	245.5	371.5	546.3	734.3	966.5	1198.7	1472.7	1765.5
-62.5°	11.5	69.5	132.8	232.0	351.7	506.1	683.7	882.2	1098.8	1333.0	1605.2
-65°	11.5	67.3	128.1	217.6	330.6	463.7	630.4	800.0	994.0	1205.8	1437.2
-67.5°	11.5	65.1	123.2	202.3	308.2	426.1	574.3	729.4	884.6	1078.0	1281.8
-70°	11.5	62.7	118.1	186.3	284.5	393.7	515.7	656.0	797.0	945.3	1128.7
-72.5°	11.5	60.2	112.7	176.3	259.7	359.7	469.2	580.2	707.0	839.7	977.9
-75°	11.5	57.6	107.0	167.5	234.0	324.3	422.9	516.4	614.4	731.6	853.6
-77.5°	11.5	55.0	101.2	158.3	218.3	287.5	374.8	455.7	539.3	627.3	726.2
-80°	11.5	52.2	95.1	148.7	204.5	262.4	325.3	393.6	464.5	539.0	616.8
-82.5°	11.5	49.3	88.9	138.7	190.2	243.3	297.8	341.5	388.2	448.8	512.0
-85°	11.5	46.4	82.4	128.4	175.5	223.6	272.7	311.0	349.4	388.3	427.5
-87.5°	11.5	43.4	75.9	117.9	160.4	203.5	247.0	279.9	312.9	346.2	379.6
-90°	11.5	12.4	13.2	13.2	13.2	13.2	13.2	12.8	12.4	11.9	11.5



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	355.4	379.7	404.0	428.3	452.2	476.1	500.0	523.9	546.1	568.4	590.6
87.5°	19.7	20.2	20.6	21.0	20.2	19.2	18.1	16.9	18.3	19.8	21.4
85°	27.9	28.8	31.2	33.1	34.4	36.1	38.3	40.9	45.7	50.6	55.3
82.5°	46.4	49.5	51.7	53.1	57.7	63.3	69.4	75.1	80.5	85.7	90.7
80°	67.0	70.2	70.9	71.7	77.7	85.2	93.1	101.3	107.9	114.0	119.7
77.5°	82.1	83.9	86.1	88.6	96.4	107.2	118.1	128.9	137.0	143.5	149.4
75°	93.9	97.3	105.2	110.1	118.8	131.4	144.2	156.4	164.4	168.9	171.8
72.5°	113.2	124.6	131.5	134.2	142.7	157.6	171.0	182.9	189.2	188.3	184.4
70°	142.8	153.4	162.5	165.9	169.6	184.1	195.1	203.6	207.4	199.9	185.1
67.5°	174.8	191.1	199.4	199.9	194.7	207.3	217.1	215.8	209.3	193.0	173.5
65°	215.9	231.4	238.9	235.8	221.9	224.7	224.0	218.2	203.1	180.7	157.4
62.5°	262.0	275.9	281.7	273.9	248.4	237.4	231.1	216.0	193.1	171.1	149.1
60°	320.5	323.6	327.4	313.4	281.2	250.9	238.9	223.9	199.3	169.2	151.1
57.5°	386.2	375.6	377.4	361.7	324.6	270.4	265.1	246.0	225.2	185.6	167.0
55°	461.9	433.0	437.6	423.3	389.2	328.7	308.1	305.4	276.3	245.1	210.7
52.5°	552.8	513.4	512.5	510.3	491.9	439.7	392.5	425.3	443.6	408.9	431.0
50°	654.9	635.3	605.8	640.1	651.0	623.3	581.8	673.4	783.6	834.1	832.8
47.5°	790.4	778.9	753.3	815.5	893.1	964.3	981.4	1146.7	1313.7	1498.2	1520.1
45°	950.1	979.4	964.9	1096.9	1263.2	1454.6	1596.8	1757.1	2137.1	2357.6	2684.1
42.5°	1127.3	1212.9	1290.9	1415.6	1807.9	2051.5	2266.0	2668.4	3046.4	3366.1	3703.5
40°	1355.3	1468.0	1638.4	1977.5	2400.5	2682.5	3051.6	3510.2	3893.1	4253.9	4599.3
37.5°	1602.6	1790.8	2021.6	2507.7	2989.0	3342.2	3794.2	4249.1	4684.3	5089.2	5572.2
35°	1864.0	2114.7	2478.1	2986.0	3491.1	3983.1	4480.5	4987.3	5483.9	6038.8	6581.9
32.5°	2148.6	2438.9	2897.7	3437.0	4002.3	4573.9	5151.9	5743.5	6374.7	7021.6	7597.9
30°	2405.3	2800.2	3288.4	3873.3	4511.4	5167.9	5842.4	6523.2	7298.2	8064.0	8755.2
27.5°	2601.4	3131.0	3676.3	4322.8	5021.9	5754.0	6535.5	7379.0	8281.4	9159.2	9979.8
25°	2789.5	3385.6	4048.3	4772.2	5548.7	6371.9	7246.1	8190.4	9297.7	10326.3	11349.9
22.5°	2986.6	3642.2	4357.1	5210.0	6061.6	6998.5	7968.4	9055.2	10278.9	11494.9	12738.8
20°	3196.3	3907.6	4662.1	5561.5	6541.4	7615.8	8648.2	9913.1	11274.4	12687.4	14204.7
17.5°	3400.7	4151.6	4957.6	5905.6	6967.7	8171.0	9303.7	10743.6	12252.1	13868.2	15584.3
15°	3597.7	4374.0	5227.2	6222.0	7380.0	8657.4	9982.1	11559.9	13247.0	15031.2	16833.3
12.5°	3784.9	4574.7	5470.2	6509.2	7765.0	9130.1	10589.4	12248.7	14096.6	16068.7	18033.2
10°	3960.0	4753.9	5686.1	6765.8	8118.2	9580.8	11129.8	12864.4	14785.8	16817.7	19008.7
7.5°	4092.6	4902.7	5876.5	6990.5	8434.7	10000.8	11602.8	13404.0	15368.3	17484.6	19839.9
5°	4194.3	5023.7	6052.6	7249.8	8738.8	10348.4	11991.9	13864.1	15845.7	18058.4	20557.5
2.5°	4271.4	5125.8	6203.5	7490.7	9011.2	10585.1	12245.7	14166.0	16275.3	18594.1	21140.7
0°	4327.8	5207.5	6326.1	7696.8	9232.2	10759.3	12433.1	14385.3	16624.2	19047.5	21571.4
-2.5°	4423.5	5352.3	6497.6	7860.1	9370.1	10929.9	12674.5	14690.6	16955.2	19333.5	21942.7
-5°	4500.1	5471.4	6636.2	7982.9	9459.9	11041.6	12840.9	14902.9	17171.9	19526.2	22134.5
-7.5°	4555.6	5561.6	6740.3	8064.4	9519.9	11131.8	12957.1	15008.7	17252.9	19641.2	22164.5
-10°	4588.4	5604.2	6773.0	8088.5	9552.3	11180.4	13001.7	15024.2	17228.6	19614.1	22082.3
-12.5°	4600.7	5603.3	6762.9	8068.8	9527.4	11157.2	12966.4	14950.8	17101.6	19439.9	21873.0
-15°	4592.6	5574.6	6715.9	8004.8	9443.5	11059.5	12850.3	14790.5	16865.8	19084.8	21449.4
-17.5°	4563.8	5517.9	6631.3	7896.0	9299.2	10885.0	12643.5	14494.1	16527.1	18674.9	20911.3
-20°	4514.4	5433.4	6509.0	7742.5	9102.3	10656.0	12351.3	14142.7	16095.6	18185.6	20308.4



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4444.6	5321.1	6366.1	7569.5	8913.4	10395.8	12002.4	13720.0	15545.9	17601.8	19624.8
-25°	4364.4	5221.9	6216.5	7381.1	8674.5	10090.9	11593.9	13236.3	14959.5	16883.7	18841.9
-27.5°	4272.9	5101.3	6057.2	7155.3	8381.5	9752.0	11189.1	12730.7	14362.5	16092.6	17970.2
-30°	4159.9	4964.3	5866.4	6908.0	8084.6	9383.2	10765.0	12158.5	13704.2	15335.5	17056.5
-32.5°	4025.8	4798.8	5676.0	6668.0	7761.5	8956.3	10270.0	11595.2	13021.3	14531.1	16126.0
-35°	3882.2	4630.8	5463.8	6394.6	7407.0	8526.7	9726.5	10987.1	12298.6	13717.3	15120.3
-37.5°	3737.8	4438.7	5216.1	6105.2	7074.9	8069.6	9148.8	10348.0	11577.0	12831.3	14119.8
-40°	3575.4	4222.9	4969.5	5798.5	6676.6	7599.5	8610.7	9681.1	10823.8	11955.3	13110.3
-42.5°	3398.4	4023.8	4708.3	5448.0	6269.7	7128.6	8035.9	9037.6	10033.5	11061.2	12127.6
-45°	3230.4	3806.3	4430.3	5117.8	5844.1	6638.4	7485.2	8360.7	9257.2	10165.4	11136.2
-47.5°	3049.9	3580.4	4168.2	4764.1	5431.5	6150.3	6911.8	7699.7	8476.2	9309.0	10138.7
-50°	2861.9	3368.5	3874.8	4428.7	5021.4	5666.6	6357.3	7036.7	7746.8	8467.8	9215.8
-52.5°	2673.3	3143.9	3602.6	4087.4	4623.5	5196.4	5798.3	6405.3	7036.3	7671.1	8312.1
-55°	2469.8	2906.4	3322.6	3760.5	4230.6	4743.9	5253.5	5799.6	6346.6	6927.4	7454.1
-57.5°	2277.2	2649.5	3034.8	3434.9	3855.7	4292.6	4745.1	5201.9	5699.8	6200.7	6651.9
-60°	2087.4	2402.4	2738.9	3104.7	3481.3	3868.3	4243.3	4651.1	5072.2	5482.3	5895.3
-62.5°	1890.5	2169.4	2457.1	2767.5	3110.2	3443.6	3782.1	4125.7	4468.8	4832.7	5181.8
-65°	1696.3	1934.1	2189.2	2458.2	2733.7	3035.0	3332.5	3622.7	3929.2	4227.0	4516.2
-67.5°	1493.4	1711.2	1929.6	2153.7	2400.1	2646.1	2893.6	3160.2	3418.9	3662.3	3907.5
-70°	1312.0	1487.4	1680.7	1878.5	2074.5	2276.3	2496.1	2716.4	2932.7	3140.1	3352.3
-72.5°	1131.8	1289.1	1447.1	1605.5	1776.0	1945.8	2117.5	2290.4	2471.2	2652.1	2828.1
-75°	971.2	1089.2	1226.5	1366.2	1499.3	1629.2	1762.0	1908.9	2053.5	2195.5	2336.2
-77.5°	824.8	924.4	1027.3	1133.3	1234.5	1343.4	1452.8	1562.3	1670.2	1775.8	1879.2
-80°	687.2	757.0	839.8	925.7	1006.2	1085.4	1164.8	1243.9	1323.8	1407.4	1493.7
-82.5°	568.8	625.8	683.4	741.5	795.0	847.2	901.2	962.9	1026.1	1088.9	1151.0
-85°	460.6	493.2	537.4	582.2	624.9	667.0	708.5	749.4	791.4	832.9	873.6
-87.5°	408.3	436.7	465.1	493.3	520.4	547.3	574.0	600.5	627.5	654.5	681.5
-90°	11.5	11.5	11.5	11.5	11.1	10.7	10.3	9.9	9.5	9.1	8.6



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	612.8	619.8	626.8	633.8	640.8	657.3	673.8	690.2	706.7	710.4	714.2
87.5°	23.1	23.1	23.1	23.1	23.0	26.7	30.5	34.4	38.3	37.9	37.3
85°	59.9	60.8	61.2	61.2	60.9	66.0	71.1	76.1	80.9	77.6	73.9
82.5°	95.4	97.2	98.8	100.5	102.3	107.6	112.8	117.7	122.3	123.9	125.3
80°	124.9	128.2	130.6	132.5	133.9	138.4	143.2	147.8	152.2	156.8	161.5
77.5°	153.5	154.6	154.0	152.5	150.1	150.7	151.8	152.3	152.4	154.8	157.6
75°	173.3	171.0	164.2	156.4	147.7	142.3	138.4	134.2	129.9	129.2	129.5
72.5°	177.7	168.7	157.5	143.7	130.0	120.6	114.1	108.0	102.1	99.2	97.5
70°	168.3	151.0	136.0	121.1	106.7	95.9	89.5	83.7	78.3	74.9	72.5
67.5°	151.5	130.1	114.3	99.1	84.9	73.9	68.3	63.2	58.5	55.0	52.6
65°	134.5	111.8	96.5	81.9	67.6	56.7	52.4	48.2	44.1	41.0	39.3
62.5°	125.1	101.3	85.5	72.7	59.7	47.1	42.6	38.3	34.0	30.6	29.2
60°	128.4	101.4	82.2	70.3	56.9	42.3	36.7	32.8	28.4	24.5	23.0
57.5°	148.6	119.1	90.4	85.7	72.2	50.6	52.6	61.3	54.8	37.8	35.9
55°	227.3	219.9	143.9	186.3	216.6	204.1	190.6	252.3	282.4	284.0	311.9
52.5°	451.6	504.9	485.0	508.1	633.4	684.1	677.5	787.8	845.0	837.3	867.1
50°	950.8	1059.9	1194.3	1215.9	1426.1	1571.8	1606.9	1734.8	1876.6	1930.9	1992.0
47.5°	1855.7	2111.4	2241.0	2387.3	2629.2	2894.3	3099.6	3283.5	3482.8	3619.1	3783.6
45°	3022.8	3203.4	3429.1	3768.9	4138.1	4484.0	4808.9	5105.0	5300.3	5474.3	5659.2
42.5°	3982.9	4271.5	4650.1	5156.9	5682.2	6037.2	6304.5	6589.8	6894.9	7184.9	7452.3
40°	4966.1	5300.5	5901.2	6475.5	6867.5	7210.1	7576.0	7963.2	8362.0	8742.4	9120.7
37.5°	6019.8	6514.0	7040.0	7542.0	7956.7	8280.9	8782.2	9211.1	9610.8	10177.3	10696.9
35°	7141.0	7678.1	8130.1	8704.2	9167.9	9567.7	10092.3	10632.5	10978.4	11755.5	12428.3
32.5°	8256.5	8882.4	9485.1	10030.2	10605.6	11222.1	11732.7	12473.7	13037.5	13780.8	14511.5
30°	9418.7	10276.9	11029.1	11627.3	12411.2	13208.2	13924.5	14797.2	15628.2	16320.0	17094.5
27.5°	10885.4	11839.5	12756.8	13678.8	14516.2	15511.4	16651.8	17574.8	18638.6	19392.9	20202.9
25°	12441.5	13578.0	14798.1	15986.6	17085.1	18372.6	19665.5	20793.2	21895.8	22764.9	23630.6
22.5°	14133.5	15507.9	16960.0	18456.2	19941.3	21351.8	22739.5	24135.2	25406.1	26600.7	27432.8
20°	15851.9	17378.2	19141.6	20944.2	22654.2	24246.4	25914.0	27678.8	29293.8	30678.1	31703.3
17.5°	17402.1	19316.5	21256.1	23233.9	25162.4	27130.0	29199.1	31274.8	33186.9	34808.2	36169.3
15°	18798.6	20967.6	23213.1	25444.5	27662.2	29927.6	32345.3	34581.7	36724.9	38584.3	40175.6
12.5°	20175.6	22492.4	24899.4	27401.3	30030.5	32483.4	34944.9	37356.4	39602.4	41763.8	43358.0
10°	21394.4	23895.9	26472.8	29153.9	31877.0	34538.1	37132.7	39646.5	41853.3	43894.1	45822.7
7.5°	22387.5	25070.3	27820.6	30640.5	33443.1	36137.8	38780.3	41292.4	43532.2	45623.7	47596.0
5°	23244.1	26089.5	28928.0	31738.1	34558.1	37353.0	40020.9	42497.9	44831.0	47004.4	48980.8
2.5°	23943.1	26910.0	29786.0	32553.8	35362.3	38223.3	40958.5	43351.5	45790.3	48000.8	49946.3
0°	24467.6	27462.6	30246.7	33039.1	35882.6	38775.5	41526.7	43871.0	46353.6	48716.0	50566.1
-2.5°	24754.5	27573.6	30344.8	33146.5	36075.6	39051.4	41798.7	44325.5	46794.0	49008.4	50728.4
-5°	24854.2	27627.4	30388.6	33240.8	36144.5	39073.5	41811.5	44345.0	46715.5	48786.8	50355.6
-7.5°	24787.2	27533.2	30266.8	33090.9	35976.3	38870.3	41564.3	43987.7	46270.5	48232.4	49729.3
-10°	24585.3	27244.5	29979.0	32756.7	35648.2	38505.4	41145.5	43331.8	45511.4	47352.0	48767.5
-12.5°	24251.6	26797.6	29494.5	32210.7	35047.6	37794.0	40254.3	42431.2	44378.7	46243.0	47481.9
-15°	23778.2	26232.9	28811.3	31471.0	34158.7	36815.7	39214.4	41318.5	43122.7	44593.4	45898.1
-17.5°	23184.3	25552.9	28023.6	30572.3	33068.1	35595.9	37818.9	39927.5	41663.0	42972.2	43984.6
-20°	22453.4	24752.0	27114.7	29548.1	31867.0	34016.9	36159.9	38120.5	39836.0	41116.2	42089.2



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	21681.9	23850.4	26088.9	28283.0	30394.8	32415.8	34356.7	36156.2	37787.4	38997.8	39929.0
-25°	20804.0	22832.1	24901.9	26883.3	28812.0	30693.7	32452.9	34120.3	35544.2	36721.7	37586.3
-27.5°	19842.7	21731.0	23599.1	25441.9	27231.4	28858.0	30476.7	31981.8	33234.1	34316.9	35082.6
-30°	18792.1	20519.1	22269.8	23997.2	25545.2	27010.5	28448.7	29755.3	30903.1	31853.9	32540.6
-32.5°	17684.0	19261.8	20885.7	22447.7	23805.2	25127.1	26381.2	27526.6	28579.1	29419.3	30038.5
-35°	16538.5	18000.2	19458.5	20809.1	22074.4	23250.3	24330.9	25346.0	26218.0	26983.8	27590.9
-37.5°	15411.8	16728.4	17993.9	19173.2	20342.3	21420.7	22364.6	23255.3	24048.1	24686.8	25219.0
-40°	14306.7	15472.1	16549.6	17599.3	18643.8	19556.8	20413.9	21182.0	21883.6	22493.8	22966.7
-42.5°	13208.2	14211.8	15141.8	16086.4	16989.5	17781.3	18527.5	19193.0	19801.9	20348.7	20807.3
-45°	12105.6	12964.0	13791.7	14622.2	15372.1	16077.3	16726.0	17310.7	17854.6	18315.1	18691.0
-47.5°	10979.6	11741.0	12493.0	13212.6	13834.8	14444.0	15002.5	15527.7	16017.9	16432.0	16764.1
-50°	9904.4	10577.4	11250.7	11845.6	12368.7	12876.1	13348.7	13855.9	14309.5	14686.7	14961.2
-52.5°	8895.0	9503.6	10082.3	10569.5	11011.6	11407.9	11770.9	12242.1	12669.0	13039.6	13282.9
-55°	7975.7	8496.5	8992.7	9395.2	9764.4	10094.9	10424.3	10803.0	11147.7	11456.0	11659.4
-57.5°	7110.4	7551.9	7964.6	8303.6	8611.5	8887.8	9193.8	9510.3	9793.0	10036.3	10200.1
-60°	6290.1	6665.8	7008.2	7287.0	7542.9	7775.5	8066.6	8342.9	8587.3	8785.7	8908.0
-62.5°	5516.1	5853.2	6119.4	6343.6	6548.0	6743.9	6998.4	7237.1	7457.5	7633.5	7735.9
-65°	4807.6	5102.7	5300.5	5478.0	5639.1	5815.6	6032.0	6226.1	6398.3	6529.0	6618.1
-67.5°	4161.7	4395.2	4551.2	4692.2	4830.2	4981.2	5164.8	5334.3	5489.3	5597.0	5663.5
-70°	3560.0	3739.9	3866.4	3986.3	4101.6	4231.1	4381.5	4521.6	4650.9	4734.5	4787.6
-72.5°	2998.6	3135.8	3240.3	3343.5	3436.5	3547.5	3670.1	3785.0	3891.7	3954.6	3995.0
-75°	2475.0	2580.1	2665.7	2744.9	2817.5	2910.9	3010.2	3103.5	3190.4	3238.3	3269.4
-77.5°	1989.3	2069.8	2134.3	2193.2	2246.7	2320.8	2397.2	2469.1	2536.0	2578.8	2613.1
-80°	1578.0	1626.7	1666.3	1703.2	1737.2	1792.5	1848.6	1901.5	1951.0	1978.9	2001.0
-82.5°	1212.1	1241.7	1265.3	1285.9	1303.7	1342.3	1380.7	1417.1	1451.4	1469.5	1484.8
-85°	913.7	929.6	943.0	954.9	965.3	992.1	1018.7	1044.3	1068.9	1074.1	1077.8
-87.5°	708.4	717.0	725.2	733.1	740.8	760.7	780.5	800.1	819.6	823.0	826.1
-90°	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.3	4.9	4.5	4.1



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	717.9	721.6	719.1	716.6	719.1	721.6	717.9	714.2	710.4	706.7	690.2
87.5°	36.7	36.1	36.2	36.2	36.2	36.1	36.7	37.3	37.9	38.3	34.4
85°	69.9	65.7	62.6	59.3	62.6	65.7	69.9	73.9	77.6	80.9	76.1
82.5°	126.6	127.8	127.5	126.9	127.5	127.8	126.6	125.3	123.9	122.3	117.7
80°	166.1	170.5	172.0	173.0	172.0	170.5	166.1	161.5	156.8	152.2	147.8
77.5°	160.3	163.1	163.9	164.7	163.9	163.1	160.3	157.6	154.8	152.4	152.3
75°	130.0	130.8	130.3	130.1	130.3	130.8	130.0	129.5	129.2	129.9	134.2
72.5°	96.0	94.9	94.1	93.9	94.1	94.9	96.0	97.5	99.2	102.1	108.0
70°	70.3	68.4	67.0	65.9	67.0	68.4	70.3	72.5	74.9	78.3	83.7
67.5°	50.4	48.6	47.2	46.1	47.2	48.6	50.4	52.6	55.0	58.5	63.2
65°	37.9	36.8	35.6	34.6	35.6	36.8	37.9	39.3	41.0	44.1	48.2
62.5°	28.0	26.9	26.5	26.4	26.5	26.9	28.0	29.2	30.6	34.0	38.3
60°	21.7	20.4	19.9	19.8	19.9	20.4	21.7	23.0	24.5	28.4	32.8
57.5°	32.4	27.8	25.0	23.1	25.0	27.8	32.4	35.9	37.8	54.8	61.3
55°	326.7	327.7	334.2	341.0	334.2	327.7	326.7	311.9	284.0	282.4	252.3
52.5°	889.9	887.0	879.0	863.3	879.0	887.0	889.9	867.1	837.3	845.0	787.8
50°	2028.7	2000.0	1938.0	1850.1	1938.0	2000.0	2028.7	1992.0	1930.9	1876.6	1734.8
47.5°	4005.0	4170.7	4285.3	4336.0	4285.3	4170.7	4005.0	3783.6	3619.1	3482.8	3283.5
45°	5851.5	5949.8	6007.1	6052.6	6007.1	5949.8	5851.5	5659.2	5474.3	5300.3	5105.0
42.5°	7679.9	7835.6	7912.4	7899.4	7912.4	7835.6	7679.9	7452.3	7184.9	6894.9	6589.8
40°	9484.3	9810.3	10077.9	10270.1	10077.9	9810.3	9484.3	9120.7	8742.4	8362.0	7963.2
37.5°	11210.8	11696.3	12106.4	12403.5	12106.4	11696.3	11210.8	10696.9	10177.3	9610.8	9211.1
35°	12978.7	13406.8	13687.9	13810.4	13687.9	13406.8	12978.7	12428.3	11755.5	10978.4	10632.5
32.5°	14977.5	15215.4	15265.8	15393.5	15265.8	15215.4	14977.5	14511.5	13780.8	13037.5	12473.7
30°	17566.1	17813.3	17819.3	17980.0	17819.3	17813.3	17566.1	17094.5	16320.0	15628.2	14797.2
27.5°	20841.5	21257.8	21393.0	21535.2	21393.0	21257.8	20841.5	20202.9	19392.9	18638.6	17574.8
25°	24348.7	24736.9	24861.2	24813.5	24861.2	24736.9	24348.7	23630.6	22764.9	21895.8	20793.2
22.5°	28285.4	28788.6	28971.7	28879.4	28971.7	28788.6	28285.4	27432.8	26600.7	25406.1	24135.2
20°	32691.4	33417.8	33801.7	33974.9	33801.7	33417.8	32691.4	31703.3	30678.1	29293.8	27678.8
17.5°	37329.0	38399.4	38890.9	39035.8	38890.9	38399.4	37329.0	36169.3	34808.2	33186.9	31274.8
15°	41548.0	42482.6	43120.0	43447.6	43120.0	42482.6	41548.0	40175.6	38584.3	36724.9	34581.7
12.5°	44810.2	46001.4	46994.2	47526.6	46994.2	46001.4	44810.2	43358.0	41763.8	39602.4	37356.4
10°	47469.4	48672.1	49574.9	50012.6	49574.9	48672.1	47469.4	45822.7	43894.1	41853.3	39646.5
7.5°	49309.2	50426.9	51127.8	51414.5	51127.8	50426.9	49309.2	47596.0	45623.7	43532.2	41292.4
5°	50498.3	51567.0	52085.2	52271.2	52085.2	51567.0	50498.3	48980.8	47004.4	44831.0	42497.9
2.5°	51354.6	52200.2	52615.1	52641.9	52615.1	52200.2	51354.6	49946.3	48000.8	45790.3	43351.5
0°	51745.7	52506.8	52961.5	52953.2	52961.5	52506.8	51745.7	50566.1	48716.0	46353.6	43871.0
-2.5°	51764.6	52426.8	52749.9	52567.7	52749.9	52426.8	51764.6	50728.4	49008.4	46794.0	44325.5
-5°	51395.4	52043.5	52285.7	52230.0	52285.7	52043.5	51395.4	50355.6	48786.8	46715.5	44345.0
-7.5°	50732.6	51307.6	51554.8	51562.8	51554.8	51307.6	50732.6	49729.3	48232.4	46270.5	43987.7
-10°	49721.9	50202.3	50485.4	50404.6	50485.4	50202.3	49721.9	48767.5	47352.0	45511.4	43331.8
-12.5°	48384.7	48858.9	49099.0	49050.5	49099.0	48858.9	48384.7	47481.9	46243.0	44378.7	42431.2
-15°	46785.2	47235.9	47460.9	47439.3	47460.9	47235.9	46785.2	45898.1	44593.4	43122.7	41318.5
-17.5°	44804.9	45256.7	45487.0	45518.4	45487.0	45256.7	44804.9	43984.6	42972.2	41663.0	39927.5
-20°	42729.6	43128.1	43339.0	43342.1	43339.0	43128.1	42729.6	42089.2	41116.2	39836.0	38120.5



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	40578.4	41025.8	41276.2	41238.4	41276.2	41025.8	40578.4	39929.0	38997.8	37787.4	36156.2
-25°	38180.6	38629.0	38872.4	38862.8	38872.4	38629.0	38180.6	37586.3	36721.7	35544.2	34120.3
-27.5°	35620.8	36051.8	36286.7	36315.9	36286.7	36051.8	35620.8	35082.6	34316.9	33234.1	31981.8
-30°	33042.4	33467.3	33697.4	33716.2	33697.4	33467.3	33042.4	32540.6	31853.9	30903.1	29755.3
-32.5°	30515.8	30899.5	31112.0	31134.7	31112.0	30899.5	30515.8	30038.5	29419.3	28579.1	27526.6
-35°	28050.8	28387.9	28578.7	28640.5	28578.7	28387.9	28050.8	27590.9	26983.8	26218.0	25346.0
-37.5°	25651.7	25956.4	26140.6	26253.4	26140.6	25956.4	25651.7	25219.0	24686.8	24048.1	23255.3
-40°	23334.4	23601.4	23748.3	23750.9	23748.3	23601.4	23334.4	22966.7	22493.8	21883.6	21182.0
-42.5°	21146.9	21371.6	21483.9	21485.7	21483.9	21371.6	21146.9	20807.3	20348.7	19801.9	19193.0
-45°	18993.8	19213.6	19369.3	19467.6	19369.3	19213.6	18993.8	18691.0	18315.1	17854.6	17310.7
-47.5°	17017.4	17197.7	17321.3	17388.6	17321.3	17197.7	17017.4	16764.1	16432.0	16017.9	15527.7
-50°	15162.4	15306.5	15411.9	15474.3	15411.9	15306.5	15162.4	14961.2	14686.7	14309.5	13855.9
-52.5°	13448.0	13553.2	13591.1	13566.6	13591.1	13553.2	13448.0	13282.9	13039.6	12669.0	12242.1
-55°	11811.9	11916.7	11958.6	11943.8	11958.6	11916.7	11811.9	11659.4	11456.0	11147.7	10803.0
-57.5°	10329.0	10421.9	10496.3	10541.9	10496.3	10421.9	10329.0	10200.1	10036.3	9793.0	9510.3
-60°	9004.3	9073.0	9119.8	9138.3	9119.8	9073.0	9004.3	8908.0	8785.7	8587.3	8342.9
-62.5°	7807.8	7850.5	7883.8	7897.8	7883.8	7850.5	7807.8	7735.9	7633.5	7457.5	7237.1
-65°	6689.1	6741.4	6735.0	6698.4	6735.0	6741.4	6689.1	6618.1	6529.0	6398.3	6226.1
-67.5°	5713.8	5747.8	5777.0	5792.3	5777.0	5747.8	5713.8	5663.5	5597.0	5489.3	5334.3
-70°	4828.1	4856.0	4866.3	4863.2	4866.3	4856.0	4828.1	4787.6	4734.5	4650.9	4521.6
-72.5°	4025.4	4045.8	4049.8	4042.8	4049.8	4045.8	4025.4	3995.0	3954.6	3891.7	3785.0
-75°	3291.4	3305.0	3311.8	3311.3	3311.8	3305.0	3291.4	3269.4	3238.3	3190.4	3103.5
-77.5°	2641.7	2664.5	2654.7	2637.5	2654.7	2664.5	2641.7	2613.1	2578.8	2536.0	2469.1
-80°	2019.0	2033.0	2025.4	2013.2	2025.4	2033.0	2019.0	2001.0	1978.9	1951.0	1901.5
-82.5°	1498.0	1509.0	1496.4	1481.0	1496.4	1509.0	1498.0	1484.8	1469.5	1451.4	1417.1
-85°	1080.5	1082.1	1081.1	1079.1	1081.1	1082.1	1080.5	1077.8	1074.1	1068.9	1044.3
-87.5°	829.0	831.6	829.4	827.0	829.4	831.6	829.0	826.1	823.0	819.6	800.1
-90°	3.7	3.3	4.1	4.9	4.1	3.3	3.7	4.1	4.5	4.9	5.3



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	673.8	657.3	640.8	633.8	626.8	619.8	612.8	590.6	568.4	546.1	523.9
87.5°	30.5	26.7	23.0	23.1	23.1	23.1	23.1	21.4	19.8	18.3	16.9
85°	71.1	66.0	60.9	61.2	61.2	60.8	59.9	55.3	50.6	45.7	40.9
82.5°	112.8	107.6	102.3	100.5	98.8	97.2	95.4	90.7	85.7	80.5	75.1
80°	143.2	138.4	133.9	132.5	130.6	128.2	124.9	119.7	114.0	107.9	101.3
77.5°	151.8	150.7	150.1	152.5	154.0	154.6	153.5	149.4	143.5	137.0	128.9
75°	138.4	142.3	147.7	156.4	164.2	171.0	173.3	171.8	168.9	164.4	156.4
72.5°	114.1	120.6	130.0	143.7	157.5	168.7	177.7	184.4	188.3	189.2	182.9
70°	89.5	95.9	106.7	121.1	136.0	151.0	168.3	185.1	199.9	207.4	203.6
67.5°	68.3	73.9	84.9	99.1	114.3	130.1	151.5	173.5	193.0	209.3	215.8
65°	52.4	56.7	67.6	81.9	96.5	111.8	134.5	157.4	180.7	203.1	218.2
62.5°	42.6	47.1	59.7	72.7	85.5	101.3	125.1	149.1	171.1	193.1	216.0
60°	36.7	42.3	56.9	70.3	82.2	101.4	128.4	151.1	169.2	199.3	223.9
57.5°	52.6	50.6	72.2	85.7	90.4	119.1	148.6	167.0	185.6	225.2	246.0
55°	190.6	204.1	216.6	186.3	143.9	219.9	227.3	210.7	245.1	276.3	305.4
52.5°	677.5	684.1	633.4	508.1	485.0	504.9	451.6	431.0	408.9	443.6	425.3
50°	1606.9	1571.8	1426.1	1215.9	1194.3	1059.9	950.8	832.8	834.1	783.6	673.4
47.5°	3099.6	2894.3	2629.2	2387.3	2241.0	2111.4	1855.7	1520.1	1498.2	1313.7	1146.7
45°	4808.9	4484.0	4138.1	3768.9	3429.1	3203.4	3022.8	2684.1	2357.6	2137.1	1757.1
42.5°	6304.5	6037.2	5682.2	5156.9	4650.1	4271.5	3982.9	3703.5	3366.1	3046.4	2668.4
40°	7576.0	7210.1	6867.5	6475.5	5901.2	5300.5	4966.1	4599.3	4253.9	3893.1	3510.2
37.5°	8782.2	8280.9	7956.7	7542.0	7040.0	6514.0	6019.8	5572.2	5089.2	4684.3	4249.1
35°	10092.3	9567.7	9167.9	8704.2	8130.1	7678.1	7141.0	6581.9	6038.8	5483.9	4987.3
32.5°	11732.7	11222.1	10605.6	10030.2	9485.1	8882.4	8256.5	7597.9	7021.6	6374.7	5743.5
30°	13924.5	13208.2	12411.2	11627.3	11029.1	10276.9	9418.7	8755.2	8064.0	7298.2	6523.2
27.5°	16651.8	15511.4	14516.2	13678.8	12756.8	11839.5	10885.4	9979.8	9159.2	8281.4	7379.0
25°	19665.5	18372.6	17085.1	15986.6	14798.1	13578.0	12441.5	11349.9	10326.3	9297.7	8190.4
22.5°	22739.5	21351.8	19941.3	18456.2	16960.0	15507.9	14133.5	12738.8	11494.9	10278.9	9055.2
20°	25914.0	24246.4	22654.2	20944.2	19141.6	17378.2	15851.9	14204.7	12687.4	11274.4	9913.1
17.5°	29199.1	27130.0	25162.4	23233.9	21256.1	19316.5	17402.1	15584.3	13868.2	12252.1	10743.6
15°	32345.3	29927.6	27662.2	25444.5	23213.1	20967.6	18798.6	16833.3	15031.2	13247.0	11559.9
12.5°	34944.9	32483.4	30030.5	27401.3	24899.4	22492.4	20175.6	18033.2	16068.7	14096.6	12248.7
10°	37132.7	34538.1	31877.0	29153.9	26472.8	23895.9	21394.4	19008.7	16817.7	14785.8	12864.4
7.5°	38780.3	36137.8	33443.1	30640.5	27820.6	25070.3	22387.5	19839.9	17484.6	15368.3	13404.0
5°	40020.9	37353.0	34558.1	31738.1	28928.0	26089.5	23244.1	20557.5	18058.4	15845.7	13864.1
2.5°	40958.5	38223.3	35362.3	32553.8	29786.0	26910.0	23943.1	21140.7	18594.1	16275.3	14166.0
0°	41526.7	38775.5	35882.6	33039.1	30246.7	27462.6	24467.6	21571.4	19047.5	16624.2	14385.3
-2.5°	41798.7	39051.4	36075.6	33146.5	30344.8	27573.6	24754.5	21942.7	19333.5	16955.2	14690.6
-5°	41811.5	39073.5	36144.5	33240.8	30388.6	27627.4	24854.2	22134.5	19526.2	17171.9	14902.9
-7.5°	41564.3	38870.3	35976.3	33090.9	30266.8	27533.2	24787.2	22164.5	19641.2	17252.9	15008.7
-10°	41145.5	38505.4	35648.2	32756.7	29979.0	27244.5	24585.3	22082.3	19614.1	17228.6	15024.2
-12.5°	40254.3	37794.0	35047.6	32210.7	29494.5	26797.6	24251.6	21873.0	19439.9	17101.6	14950.8
-15°	39214.4	36815.7	34158.7	31471.0	28811.3	26232.9	23778.2	21449.4	19084.8	16865.8	14790.5
-17.5°	37818.9	35595.9	33068.1	30572.3	28023.6	25552.9	23184.3	20911.3	18674.9	16527.1	14494.1
-20°	36159.9	34016.9	31867.0	29548.1	27114.7	24752.0	22453.4	20308.4	18185.6	16095.6	14142.7



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	34356.7	32415.8	30394.8	28283.0	26088.9	23850.4	21681.9	19624.8	17601.8	15545.9	13720.0
-25°	32452.9	30693.7	28812.0	26883.3	24901.9	22832.1	20804.0	18841.9	16883.7	14959.5	13236.3
-27.5°	30476.7	28858.0	27231.4	25441.9	23599.1	21731.0	19842.7	17970.2	16092.6	14362.5	12730.7
-30°	28448.7	27010.5	25545.2	23997.2	22269.8	20519.1	18792.1	17056.5	15335.5	13704.2	12158.5
-32.5°	26381.2	25127.1	23805.2	22447.7	20885.7	19261.8	17684.0	16126.0	14531.1	13021.3	11595.2
-35°	24330.9	23250.3	22074.4	20809.1	19458.5	18000.2	16538.5	15120.3	13717.3	12298.6	10987.1
-37.5°	22364.6	21420.7	20342.3	19173.2	17993.9	16728.4	15411.8	14119.8	12831.3	11577.0	10348.0
-40°	20413.9	19556.8	18643.8	17599.3	16549.6	15472.1	14306.7	13110.3	11955.3	10823.8	9681.1
-42.5°	18527.5	17781.3	16989.5	16086.4	15141.8	14211.8	13208.2	12127.6	11061.2	10033.5	9037.6
-45°	16726.0	16077.3	15372.1	14622.2	13791.7	12964.0	12105.6	11136.2	10165.4	9257.2	8360.7
-47.5°	15002.5	14444.0	13834.8	13212.6	12493.0	11741.0	10979.6	10138.7	9309.0	8476.2	7699.7
-50°	13348.7	12876.1	12368.7	11845.6	11250.7	10577.4	9904.4	9215.8	8467.8	7746.8	7036.7
-52.5°	11770.9	11407.9	11011.6	10569.5	10082.3	9503.6	8895.0	8312.1	7671.1	7036.3	6405.3
-55°	10424.3	10094.9	9764.4	9395.2	8992.7	8496.5	7975.7	7454.1	6927.4	6346.6	5799.6
-57.5°	9193.8	8887.8	8611.5	8303.6	7964.6	7551.9	7110.4	6651.9	6200.7	5699.8	5201.9
-60°	8066.6	7775.5	7542.9	7287.0	7008.2	6665.8	6290.1	5895.3	5482.3	5072.2	4651.1
-62.5°	6998.4	6743.9	6548.0	6343.6	6119.4	5853.2	5516.1	5181.8	4832.7	4468.8	4125.7
-65°	6032.0	5815.6	5639.1	5478.0	5300.5	5102.7	4807.6	4516.2	4227.0	3929.2	3622.7
-67.5°	5164.8	4981.2	4830.2	4692.2	4551.2	4395.2	4161.7	3907.5	3662.3	3418.9	3160.2
-70°	4381.5	4231.1	4101.6	3986.3	3866.4	3739.9	3560.0	3352.3	3140.1	2932.7	2716.4
-72.5°	3670.1	3547.5	3436.5	3343.5	3240.3	3135.8	2998.6	2828.1	2652.1	2471.2	2290.4
-75°	3010.2	2910.9	2817.5	2744.9	2665.7	2580.1	2475.0	2336.2	2195.5	2053.5	1908.9
-77.5°	2397.2	2320.8	2246.7	2193.2	2134.3	2069.8	1989.3	1879.2	1775.8	1670.2	1562.3
-80°	1848.6	1792.5	1737.2	1703.2	1666.3	1626.7	1578.0	1493.7	1407.4	1323.8	1243.9
-82.5°	1380.7	1342.3	1303.7	1285.9	1265.3	1241.7	1212.1	1151.0	1088.9	1026.1	962.9
-85°	1018.7	992.1	965.3	954.9	943.0	929.6	913.7	873.6	832.9	791.4	749.4
-87.5°	780.5	760.7	740.8	733.1	725.2	717.0	708.4	681.5	654.5	627.5	600.5
-90°	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.6	9.1	9.5	9.9



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	500.0	476.1	452.2	428.3	404.0	379.7	355.4	331.1	303.5	276.0	248.4
87.5°	18.1	19.2	20.2	21.0	20.6	20.2	19.7	19.2	20.0	20.5	20.8
85°	38.3	36.1	34.4	33.1	31.2	28.8	27.9	27.0	28.1	28.7	28.9
82.5°	69.4	63.3	57.7	53.1	51.7	49.5	46.4	42.6	40.5	37.7	37.0
80°	93.1	85.2	77.7	71.7	70.9	70.2	67.0	62.9	59.6	55.5	50.5
77.5°	118.1	107.2	96.4	88.6	86.1	83.9	82.1	81.3	78.8	73.3	66.8
75°	144.2	131.4	118.8	110.1	105.2	97.3	93.9	94.3	97.0	91.4	83.0
72.5°	171.0	157.6	142.7	134.2	131.5	124.6	113.2	108.8	116.0	113.5	101.2
70°	195.1	184.1	169.6	165.9	162.5	153.4	142.8	139.8	136.7	136.6	125.7
67.5°	217.1	207.3	194.7	199.9	199.4	191.1	174.8	176.3	175.2	161.2	151.0
65°	224.0	224.7	221.9	235.8	238.9	231.4	215.9	218.3	215.4	201.5	177.2
62.5°	231.1	237.4	248.4	273.9	281.7	275.9	262.0	270.9	259.9	243.1	213.4
60°	238.9	250.9	281.2	313.4	327.4	323.6	320.5	326.9	316.0	286.1	254.4
57.5°	265.1	270.4	324.6	361.7	377.4	375.6	386.2	392.2	374.8	340.3	296.8
55°	308.1	328.7	389.2	423.3	437.6	433.0	461.9	465.3	438.8	398.9	342.3
52.5°	392.5	439.7	491.9	510.3	512.5	513.4	552.8	543.9	514.7	459.4	399.5
50°	581.8	623.3	651.0	640.1	605.8	635.3	654.9	642.7	594.6	525.4	459.3
47.5°	981.4	964.3	893.1	815.5	753.3	778.9	790.4	751.8	678.7	602.6	520.3
45°	1596.8	1454.6	1263.2	1096.9	964.9	979.4	950.1	869.7	787.2	686.0	582.6
42.5°	2266.0	2051.5	1807.9	1415.6	1290.9	1212.9	1127.3	1028.2	902.2	772.1	653.1
40°	3051.6	2682.5	2400.5	1977.5	1638.4	1468.0	1355.3	1204.5	1022.7	865.9	729.7
37.5°	3794.2	3342.2	2989.0	2507.7	2021.6	1790.8	1602.6	1393.2	1151.6	970.7	807.4
35°	4480.5	3983.1	3491.1	2986.0	2478.1	2114.7	1864.0	1603.7	1301.7	1074.6	885.9
32.5°	5151.9	4573.9	4002.3	3437.0	2897.7	2438.9	2148.6	1789.1	1445.7	1177.3	965.0
30°	5842.4	5167.9	4511.4	3873.3	3288.4	2800.2	2405.3	1962.9	1583.4	1278.5	1045.9
27.5°	6535.5	5754.0	5021.9	4322.8	3676.3	3131.0	2601.4	2124.9	1714.5	1384.3	1130.2
25°	7246.1	6371.9	5548.7	4772.2	4048.3	3385.6	2789.5	2275.8	1848.3	1495.8	1212.3
22.5°	7968.4	6998.5	6061.6	5210.0	4357.1	3642.2	2986.6	2434.3	1977.4	1601.3	1291.9
20°	8648.2	7615.8	6541.4	5561.5	4662.1	3907.6	3196.3	2583.9	2096.4	1700.5	1368.6
17.5°	9303.7	8171.0	6967.7	5905.6	4957.6	4151.6	3400.7	2723.9	2205.3	1793.4	1442.2
15°	9982.1	8657.4	7380.0	6222.0	5227.2	4374.0	3597.7	2853.8	2304.2	1879.9	1504.1
12.5°	10589.4	9130.1	7765.0	6509.2	5470.2	4574.7	3784.9	2972.9	2393.3	1956.1	1552.4
10°	11129.8	9580.8	8118.2	6765.8	5686.1	4753.9	3960.0	3094.3	2498.0	2024.5	1597.3
7.5°	11602.8	10000.8	8434.7	6990.5	5876.5	4902.7	4092.6	3232.5	2601.6	2087.9	1638.2
5°	11991.9	10348.4	8738.8	7249.8	6052.6	5023.7	4194.3	3359.1	2699.4	2145.6	1674.5
2.5°	12245.7	10585.1	9011.2	7490.7	6203.5	5125.8	4271.4	3472.9	2789.4	2196.7	1705.8
0°	12433.1	10759.3	9232.2	7696.8	6326.1	5207.5	4327.8	3573.3	2869.8	2240.5	1731.4
-2.5°	12674.5	10929.9	9370.1	7860.1	6497.6	5352.3	4423.5	3636.8	2926.2	2295.2	1773.9
-5°	12840.9	11041.6	9459.9	7982.9	6636.2	5471.4	4500.1	3685.7	2971.4	2341.3	1809.9
-7.5°	12957.1	11131.8	9519.9	8064.4	6740.3	5561.6	4555.6	3720.0	3005.4	2378.6	1838.9
-10°	13001.7	11180.4	9552.3	8088.5	6773.0	5604.2	4588.4	3739.4	3028.6	2406.6	1860.6
-12.5°	12966.4	11157.2	9527.4	8068.8	6762.9	5603.3	4600.7	3754.7	3041.6	2425.0	1874.7
-15°	12850.3	11059.5	9443.5	8004.8	6715.9	5574.6	4592.6	3758.3	3046.9	2431.3	1880.8
-17.5°	12643.5	10885.0	9299.2	7896.0	6631.3	5517.9	4563.8	3744.4	3039.0	2424.3	1876.5
-20°	12351.3	10656.0	9102.3	7742.5	6509.0	5433.4	4514.4	3712.4	3017.3	2406.6	1862.6



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	12002.4	10395.8	8913.4	7569.5	6366.1	5321.1	4444.6	3662.2	2981.6	2377.9	1841.4
-25°	11593.9	10090.9	8674.5	7381.1	6216.5	5221.9	4364.4	3593.4	2931.9	2338.1	1812.7
-27.5°	11189.1	9752.0	8381.5	7155.3	6057.2	5101.3	4272.9	3525.8	2871.7	2287.0	1776.6
-30°	10765.0	9383.2	8084.6	6908.0	5866.4	4964.3	4159.9	3442.4	2805.2	2233.2	1733.2
-32.5°	10270.0	8956.3	7761.5	6668.0	5676.0	4798.8	4025.8	3342.2	2725.2	2175.8	1691.7
-35°	9726.5	8526.7	7407.0	6394.6	5463.8	4630.8	3882.2	3225.3	2631.7	2109.9	1646.9
-37.5°	9148.8	8069.6	7074.9	6105.2	5216.1	4438.7	3737.8	3104.1	2524.8	2035.8	1595.8
-40°	8610.7	7599.5	6676.6	5798.5	4969.5	4222.9	3575.4	2976.4	2424.7	1953.5	1538.7
-42.5°	8035.9	7128.6	6269.7	5448.0	4708.3	4023.8	3398.4	2836.6	2325.4	1875.4	1475.7
-45°	7485.2	6638.4	5844.1	5117.8	4430.3	3806.3	3230.4	2688.8	2214.3	1796.4	1411.3
-47.5°	6911.8	6150.3	5431.5	4764.1	4168.2	3580.4	3049.9	2549.4	2091.6	1710.6	1346.9
-50°	6357.3	5666.6	5021.4	4428.7	3874.8	3368.5	2861.9	2396.0	1981.5	1614.8	1276.0
-52.5°	5798.3	5196.4	4623.5	4087.4	3602.6	3143.9	2673.3	2232.5	1861.8	1517.8	1199.1
-55°	5253.5	4743.9	4230.6	3760.5	3322.6	2906.4	2469.8	2085.2	1733.0	1416.7	1117.9
-57.5°	4745.1	4292.6	3855.7	3434.9	3034.8	2649.5	2277.2	1927.7	1605.3	1308.8	1045.6
-60°	4243.3	3868.3	3481.3	3104.7	2738.9	2402.4	2087.4	1765.5	1472.7	1198.7	966.5
-62.5°	3782.1	3443.6	3110.2	2767.5	2457.1	2169.4	1890.5	1605.2	1333.0	1098.8	882.2
-65°	3332.5	3035.0	2733.7	2458.2	2189.2	1934.1	1696.3	1437.2	1205.8	994.0	800.0
-67.5°	2893.6	2646.1	2400.1	2153.7	1929.6	1711.2	1493.4	1281.8	1078.0	884.6	729.4
-70°	2496.1	2276.3	2074.5	1878.5	1680.7	1487.4	1312.0	1128.7	945.3	797.0	656.0
-72.5°	2117.5	1945.8	1776.0	1605.5	1447.1	1289.1	1131.8	977.9	839.7	707.0	580.2
-75°	1762.0	1629.2	1499.3	1366.2	1226.5	1089.2	971.2	853.6	731.6	614.4	516.4
-77.5°	1452.8	1343.4	1234.5	1133.3	1027.3	924.4	824.8	726.2	627.3	539.3	455.7
-80°	1164.8	1085.4	1006.2	925.7	839.8	757.0	687.2	616.8	539.0	464.5	393.6
-82.5°	901.2	847.2	795.0	741.5	683.4	625.8	568.8	512.0	448.8	388.2	341.5
-85°	708.5	667.0	624.9	582.2	537.4	493.2	460.6	427.5	388.3	349.4	311.0
-87.5°	574.0	547.3	520.4	493.3	465.1	436.7	408.3	379.6	346.2	312.9	279.9
-90°	10.3	10.7	11.1	11.5	11.5	11.5	11.5	11.5	11.9	12.4	12.8



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	220.8	182.9	145.0	107.1	69.2	40.4	11.5
87.5°	20.9	20.2	19.3	18.2	16.8	14.6	11.5
85°	28.5	27.3	25.5	23.2	20.4	16.9	11.5
82.5°	36.2	34.3	31.6	28.2	24.0	19.2	11.5
80°	44.8	41.4	37.8	33.2	27.6	21.5	11.5
77.5°	59.6	51.3	43.9	38.1	31.2	23.8	11.5
75°	74.8	66.5	51.5	43.1	34.8	26.1	11.5
72.5°	90.3	81.9	65.8	48.0	38.5	28.3	11.5
70°	107.5	97.5	80.2	54.3	42.2	30.6	11.5
67.5°	133.9	113.5	94.7	66.5	45.9	32.8	11.5
65°	160.9	134.3	109.3	78.6	49.6	35.0	11.5
62.5°	188.7	160.2	123.9	90.7	53.4	37.2	11.5
60°	217.3	186.4	138.7	102.7	57.2	39.4	11.5
57.5°	256.7	213.1	161.3	114.7	66.0	41.5	11.5
55°	298.1	240.2	184.3	126.7	74.7	43.6	11.5
52.5°	340.3	269.2	207.4	138.6	83.2	45.7	11.5
50°	383.2	306.2	230.6	150.4	91.6	47.8	11.5
47.5°	428.3	343.3	253.7	163.5	99.9	49.8	11.5
45°	482.2	380.6	276.8	181.0	108.0	51.8	11.5
42.5°	536.5	418.0	299.9	198.2	115.8	53.7	11.5
40°	591.1	455.3	326.1	215.2	123.5	55.6	11.5
37.5°	645.9	492.6	355.1	231.8	131.0	57.4	11.5
35°	700.7	534.3	383.7	247.8	138.2	59.2	11.5
32.5°	758.3	577.8	411.6	263.2	145.1	60.9	11.5
30°	822.4	620.5	439.0	278.1	151.8	62.6	11.5
27.5°	885.7	662.4	463.9	292.2	158.2	64.2	11.5
25°	948.0	703.2	487.4	305.7	164.3	65.7	11.5
22.5°	1009.0	740.8	509.7	318.4	170.1	67.1	11.5
20°	1068.3	772.2	530.7	330.4	175.5	68.5	11.5
17.5°	1114.9	801.1	550.2	341.5	180.5	69.8	11.5
15°	1151.1	827.6	568.3	351.8	185.2	70.9	11.5
12.5°	1183.1	851.7	584.9	361.2	189.5	72.0	11.5
10°	1210.8	873.2	599.9	369.7	193.3	73.0	11.5
7.5°	1234.4	892.0	613.2	377.2	196.7	73.9	11.5
5°	1253.8	908.2	624.8	383.8	199.7	74.6	11.5
2.5°	1269.0	921.7	634.6	389.3	202.3	75.3	11.5
0°	1280.1	932.4	642.5	393.7	204.3	75.8	11.5
-2.5°	1310.9	949.8	653.0	399.7	207.4	77.3	11.5
-5°	1337.2	964.2	661.5	404.5	210.1	78.6	11.5
-7.5°	1358.6	975.5	667.9	408.2	212.2	79.9	11.5
-10°	1374.7	983.5	672.2	410.7	213.8	81.0	11.5
-12.5°	1385.1	988.1	674.2	411.9	214.9	81.9	11.5
-15°	1389.6	989.2	674.0	412.0	215.5	82.7	11.5
-17.5°	1387.7	986.7	671.4	410.7	215.5	83.4	11.5
-20°	1380.1	980.4	666.5	408.2	215.0	83.9	11.5



REPORT NUMBER: P1306252 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1367.9	970.2	659.1	404.4	214.0	84.3	11.5
-25°	1350.4	960.3	649.3	399.3	212.4	84.5	11.5
-27.5°	1327.6	948.0	637.0	392.9	210.3	84.5	11.5
-30°	1299.4	931.5	622.6	385.2	207.7	84.5	11.5
-32.5°	1265.9	910.9	609.5	376.1	204.5	84.2	11.5
-35°	1234.7	886.2	593.8	365.8	200.8	83.8	11.5
-37.5°	1201.3	859.7	575.4	354.2	196.6	83.2	11.5
-40°	1162.4	834.1	554.5	341.3	191.9	82.5	11.5
-42.5°	1118.2	805.0	535.0	327.9	186.7	81.7	11.5
-45°	1068.8	772.4	517.5	314.7	181.0	80.6	11.5
-47.5°	1014.2	736.5	497.9	300.2	174.8	79.5	11.5
-50°	964.6	697.2	476.3	289.9	168.1	78.2	11.5
-52.5°	912.5	654.8	452.7	280.4	161.0	76.7	11.5
-55°	856.3	619.8	427.3	269.8	153.4	75.1	11.5
-57.5°	796.2	584.3	400.0	258.1	145.4	73.3	11.5
-60°	734.3	546.3	371.5	245.5	137.1	71.5	11.5
-62.5°	683.7	506.1	351.7	232.0	132.8	69.5	11.5
-65°	630.4	463.7	330.6	217.6	128.1	67.3	11.5
-67.5°	574.3	426.1	308.2	202.3	123.2	65.1	11.5
-70°	515.7	393.7	284.5	186.3	118.1	62.7	11.5
-72.5°	469.2	359.7	259.7	176.3	112.7	60.2	11.5
-75°	422.9	324.3	234.0	167.5	107.0	57.6	11.5
-77.5°	374.8	287.5	218.3	158.3	101.2	55.0	11.5
-80°	325.3	262.4	204.5	148.7	95.1	52.2	11.5
-82.5°	297.8	243.3	190.2	138.7	88.9	49.3	11.5
-85°	272.7	223.6	175.5	128.4	82.4	46.4	11.5
-87.5°	247.0	203.5	160.4	117.9	75.9	43.4	11.5
-90°	13.2	13.2	13.2	13.2	13.2	12.4	11.5

(END OF REPORT)