

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: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

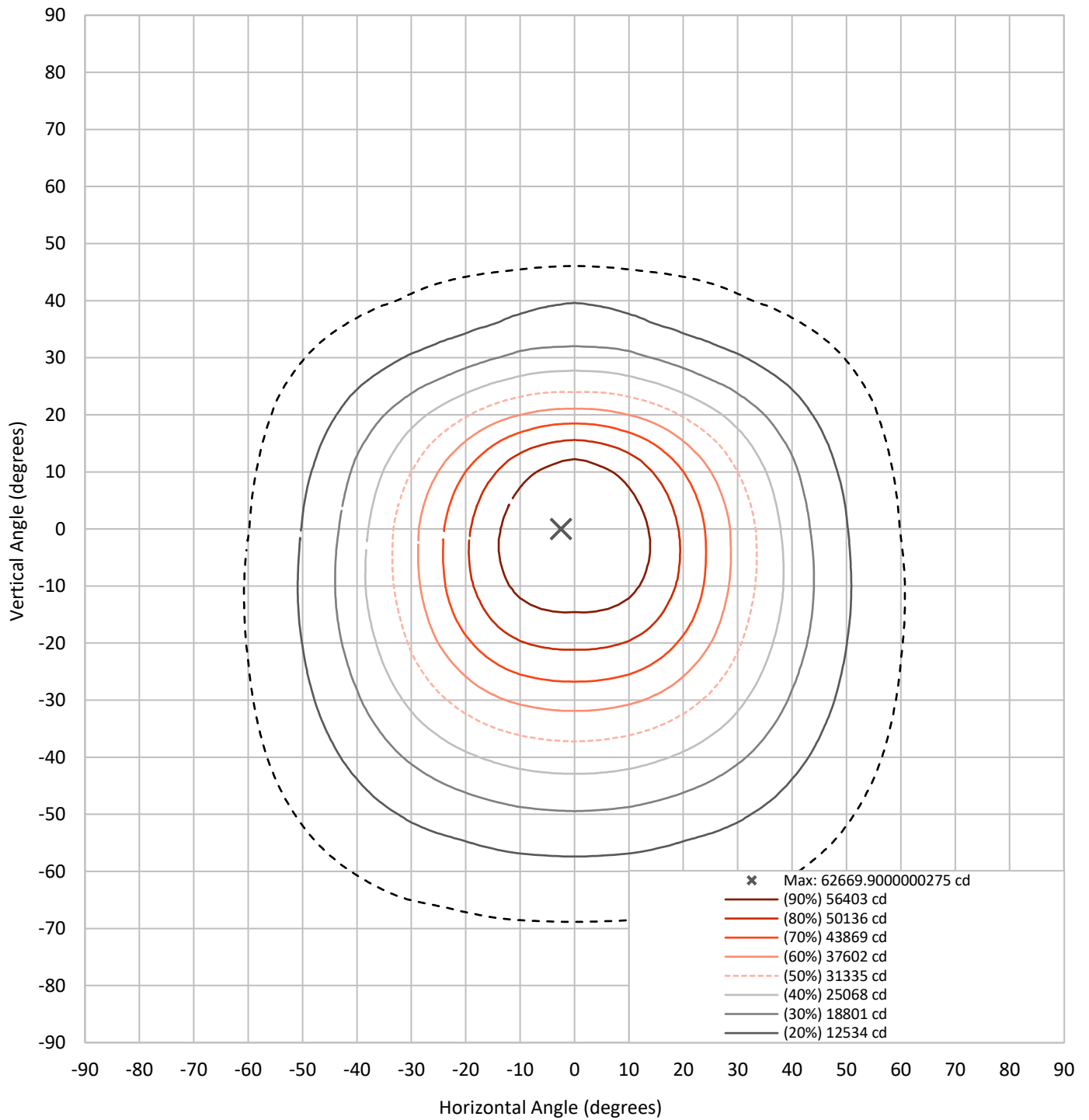
Test Method: LM-79-08
Report Number: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-70-7F-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 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:	83374 lumens	Max Intensity:	62669.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	121.2 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:	45268 lumens	Field Lumens:	78129 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
Input Watts (W):	688		
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: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

Iso-Candela Plot





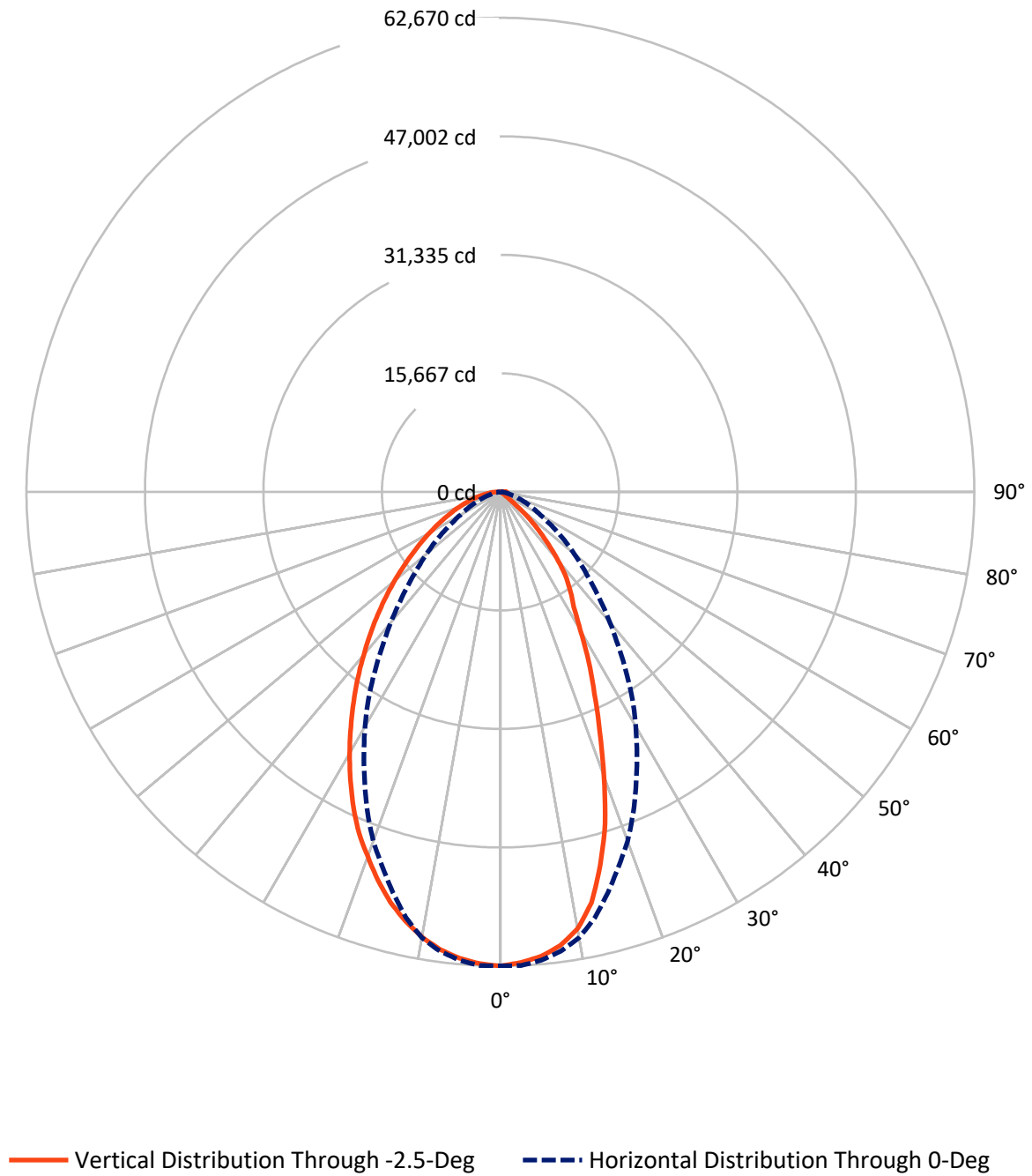
REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

Lumen Table

90																			
80	1.5	6.8		15.5		19.4		21.2		19.4		15.5		6.8		1.5			
70																			
60	5.0	3.4	4.8	5.3	4.1	2.4	1.7	1.4	1.4	1.7	2.4	4.1	5.3	4.8	3.4	5.0			
50		6.9	8.8	9.0	10.0	13.0	17.9	20.0	20.0	17.9	13.0	10.0	9.0	8.8	6.9				
40	12.9	13.5	25.2	49.8	87.0	134.6	180.2	212.4	212.4	180.2	134.6	87.0	49.8	25.2	13.5	12.9			
30		24.7	62.5	128.1	211.9	304.7	399.3	482.1	482.1	399.3	304.7	211.9	128.1	62.5	24.7				
20	22.8	36.4	100.3	212.1	371.5	565.3	764.9	893.2	893.2	764.9	565.3	371.5	212.1	100.3	36.4	22.8			
10		46.2	132.2	297.3	557.8	899.7	1256.4	1496.6	1496.6	1256.4	899.7	557.8	297.3	132.2	46.2				
0	28.9	53.8	155.1	356.6	687.9	1121.1	1546.4	1824.5	1824.5	1546.4	1121.1	687.9	356.6	155.1	53.8	28.9			
-10		58.5	168.6	384.4	733.9	1176.5	1608.3	1847.8	1847.8	1608.3	1176.5	733.9	384.4	168.6	58.5				
-20	30.4	59.8	169.1	380.1	703.5	1110.1	1486.7	1678.9	1678.9	1486.7	1110.1	703.5	380.1	169.1	59.8	30.4			
-30		57.0	156.0	340.8	614.9	938.5	1227.3	1375.5	1375.5	1227.3	938.5	614.9	340.8	156.0	57.0				
-40	25.4	50.9	134.7	282.2	489.8	719.3	911.4	1016.4	1016.4	911.4	719.3	489.8	282.2	134.7	50.9	25.4			
-50		42.4	107.5	214.5	356.6	502.5	622.2	690.4	690.4	622.2	502.5	356.6	214.5	107.5	42.4				
-60	16.3	32.8	78.9	149.1	236.9	320.5	390.4	429.9	429.9	390.4	320.5	236.9	149.1	78.9	32.8	16.3			
-70		22.5	51.6	93.3	143.0	186.6	224.7	244.2	244.2	224.7	186.6	143.0	93.3	51.6	22.5				
-80	7.3	60.0		168.2		274.4		319.8		274.4		168.2		60.0		7.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

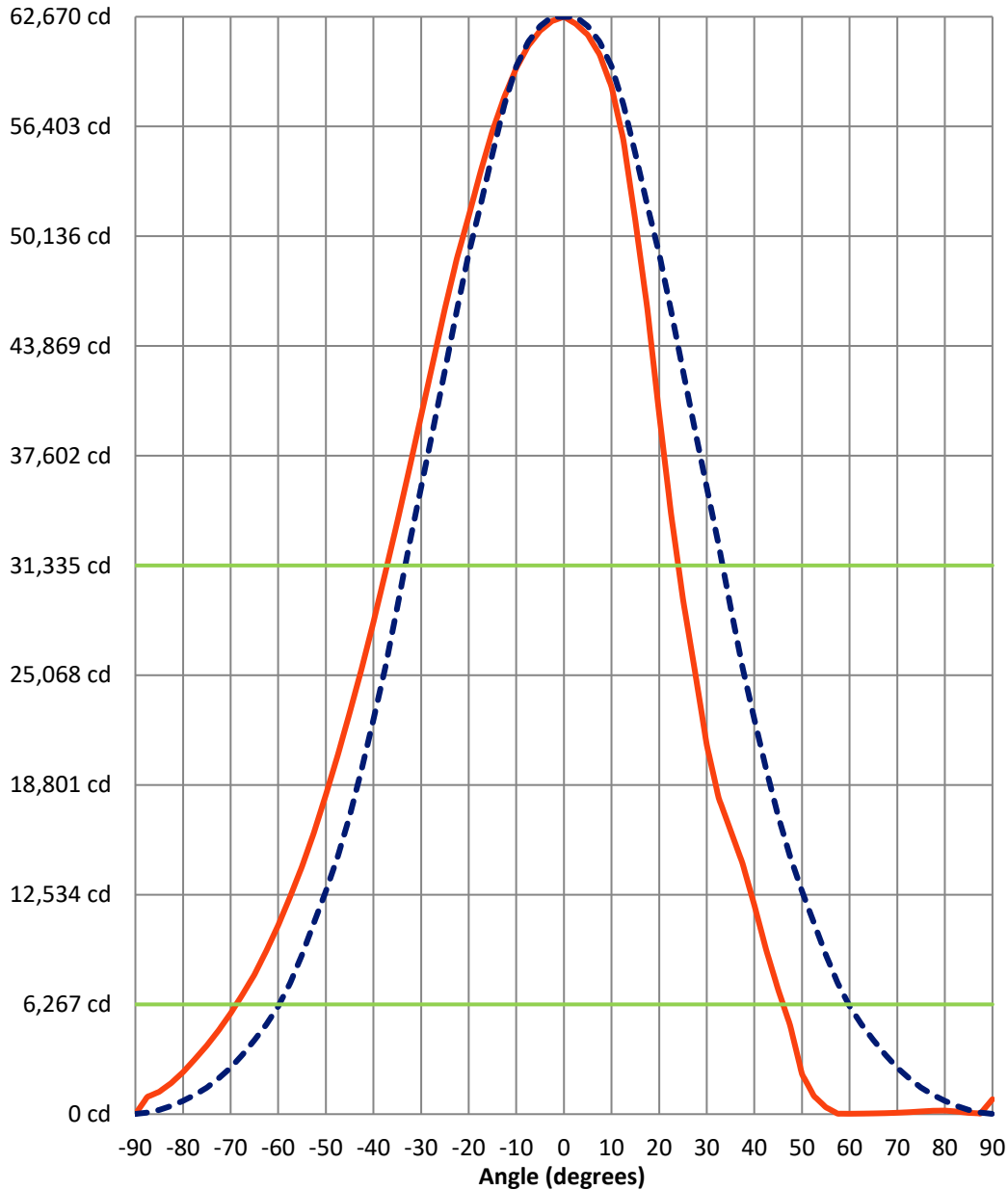
REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

Luminous Intensity Polar Plot



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 45268
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 78129
 Efficiency: 93.7%

Spill:
 Lumens: 5245
 Efficiency: 6.3%

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



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	13.6	47.8	81.9	126.7	171.6	216.4	261.2	293.9	326.5	359.2	391.8
87.5°	13.6	17.3	19.8	21.5	22.9	23.9	24.7	24.6	24.3	23.6	22.7
85°	13.6	20.0	24.1	27.4	30.2	32.3	33.8	34.2	34.0	33.2	31.9
82.5°	13.6	22.7	28.3	33.3	37.4	40.6	42.9	43.8	44.6	47.9	50.4
80°	13.6	25.5	32.6	39.2	44.7	49.0	53.1	59.8	65.7	70.5	74.5
77.5°	13.6	28.1	36.9	45.1	52.0	60.7	70.6	79.1	86.7	93.3	96.3
75°	13.6	30.8	41.2	50.9	61.0	78.7	88.6	98.3	108.3	114.9	111.7
72.5°	13.6	33.5	45.5	56.8	77.9	96.9	106.9	119.9	134.4	137.3	128.9
70°	13.6	36.2	49.9	64.2	94.9	115.5	127.3	148.9	161.7	161.9	165.5
67.5°	13.6	38.8	54.3	78.6	112.1	134.3	158.5	178.8	190.8	207.4	208.7
65°	13.6	41.4	58.7	93.0	129.3	159.0	190.5	209.7	238.5	254.9	258.4
62.5°	13.6	44.0	63.1	107.3	146.7	189.6	223.4	252.6	287.7	307.5	320.6
60°	13.6	46.6	67.6	121.5	164.2	220.7	257.2	301.0	338.6	373.9	386.8
57.5°	13.6	49.1	78.0	135.7	190.9	252.2	303.8	351.3	402.7	443.5	464.1
55°	13.6	51.6	88.3	149.9	218.2	284.3	352.8	405.0	472.1	519.2	550.6
52.5°	13.6	54.1	98.4	164.0	245.5	318.6	402.7	472.7	543.6	609.0	643.6
50°	13.6	56.5	108.4	178.0	272.9	362.3	453.5	543.5	621.8	703.6	760.5
47.5°	13.6	58.9	118.2	193.5	300.2	406.3	506.8	615.8	713.1	803.1	889.6
45°	13.6	61.3	127.7	214.2	327.6	450.4	570.7	689.5	811.8	931.5	1029.1
42.5°	13.6	63.5	137.1	234.6	354.9	494.6	634.9	772.9	913.7	1067.6	1216.7
40°	13.6	65.8	146.1	254.7	385.9	538.8	699.5	863.6	1024.7	1210.2	1425.3
37.5°	13.6	68.0	155.0	274.3	420.2	583.0	764.3	955.5	1148.7	1362.7	1648.6
35°	13.6	70.1	163.5	293.2	454.0	632.3	829.2	1048.4	1271.6	1540.3	1897.7
32.5°	13.6	72.1	171.7	311.5	487.1	683.7	897.3	1141.9	1393.1	1710.8	2117.0
30°	13.6	74.1	179.6	329.0	519.4	734.3	973.2	1237.6	1512.9	1873.7	2322.7
27.5°	13.6	75.9	187.2	345.8	548.9	783.8	1048.1	1337.4	1638.1	2028.8	2514.4
25°	13.6	77.7	194.4	361.7	576.8	832.1	1121.9	1434.6	1770.0	2187.1	2692.9
22.5°	13.6	79.4	201.2	376.8	603.1	876.7	1194.0	1528.7	1894.8	2339.8	2880.5
20°	13.6	81.0	207.6	390.9	627.9	913.8	1264.2	1619.5	2012.2	2480.6	3057.5
17.5°	13.6	82.5	213.6	404.1	651.1	948.0	1319.3	1706.6	2122.2	2609.5	3223.2
15°	13.6	83.9	219.1	416.3	672.6	979.4	1362.1	1779.8	2224.5	2726.5	3376.9
12.5°	13.6	85.2	224.2	427.5	692.2	1007.9	1400.0	1837.0	2314.6	2831.9	3517.9
10°	13.6	86.4	228.7	437.5	709.9	1033.3	1432.8	1890.1	2395.6	2955.8	3661.5
7.5°	13.6	87.4	232.8	446.4	725.7	1055.6	1460.7	1938.5	2470.7	3078.5	3825.1
5°	13.6	88.3	236.3	454.1	739.4	1074.8	1483.6	1981.5	2538.9	3194.2	3974.8
2.5°	13.6	89.1	239.3	460.6	750.9	1090.7	1501.6	2018.5	2599.4	3300.7	4109.5
0°	13.6	89.7	241.7	465.9	760.3	1103.4	1514.7	2048.8	2651.2	3395.9	4228.3
-2.5°	13.6	91.5	245.4	473.0	772.7	1124.0	1551.1	2099.1	2715.9	3462.7	4303.4
-5°	13.6	93.1	248.5	478.7	782.8	1141.0	1582.3	2141.7	2770.5	3516.1	4361.3
-7.5°	13.6	94.5	251.1	483.0	790.4	1154.4	1607.6	2176.0	2814.6	3556.4	4401.9
-10°	13.6	95.8	253.0	486.0	795.4	1163.9	1626.7	2201.6	2847.7	3583.8	4424.9
-12.5°	13.6	96.9	254.3	487.5	797.9	1169.3	1639.1	2218.3	2869.6	3599.2	4443.0
-15°	13.6	97.9	255.0	487.5	797.6	1170.6	1644.4	2225.6	2877.0	3605.5	4447.3
-17.5°	13.6	98.7	255.0	486.1	794.6	1167.6	1642.2	2220.4	2868.7	3596.1	4430.8
-20°	13.6	99.3	254.4	483.1	788.7	1160.1	1633.1	2204.1	2847.7	3570.4	4393.0



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	13.6	99.7	253.2	478.6	780.0	1148.2	1618.8	2178.9	2813.8	3528.2	4333.5
-25°	13.6	100.0	251.4	472.5	768.3	1136.4	1598.0	2145.0	2766.6	3469.3	4252.1
-27.5°	13.6	100.0	248.9	464.9	753.8	1121.8	1571.0	2102.3	2706.1	3398.1	4172.1
-30°	13.6	99.9	245.8	455.8	736.8	1102.3	1537.6	2051.0	2642.6	3319.4	4073.4
-32.5°	13.6	99.6	242.0	445.1	721.3	1078.0	1498.0	2001.9	2574.6	3224.8	3954.8
-35°	13.6	99.2	237.7	432.9	702.6	1048.7	1461.1	1948.8	2496.7	3114.1	3816.6
-37.5°	13.6	98.5	232.7	419.1	680.9	1017.3	1421.5	1888.4	2408.9	2987.6	3673.0
-40°	13.6	97.7	227.1	403.9	656.1	987.0	1375.6	1820.8	2311.6	2869.1	3522.0
-42.5°	13.6	96.6	220.9	388.1	633.1	952.6	1323.3	1746.3	2219.2	2751.7	3356.6
-45°	13.6	95.4	214.2	372.5	612.4	914.1	1264.8	1670.1	2125.6	2620.2	3181.6
-47.5°	13.6	94.0	206.8	355.3	589.2	871.5	1200.2	1593.8	2024.2	2475.0	3016.7
-50°	13.6	92.5	198.9	343.1	563.7	825.1	1141.5	1510.0	1910.8	2344.7	2835.2
-52.5°	13.6	90.8	190.5	331.8	535.8	774.8	1079.8	1418.9	1796.1	2203.1	2641.7
-55°	13.6	88.9	181.6	319.3	505.6	733.4	1013.3	1322.8	1676.4	2050.7	2467.5
-57.5°	13.6	86.8	172.1	305.5	473.3	691.4	942.2	1237.3	1548.7	1899.6	2281.1
-60°	13.6	84.6	162.2	290.6	439.6	646.5	868.9	1143.7	1418.4	1742.7	2089.2
-62.5°	13.6	82.2	157.1	274.6	416.2	598.9	809.1	1043.9	1300.2	1577.4	1899.5
-65°	13.6	79.7	151.7	257.5	391.2	548.7	746.0	946.7	1176.2	1426.9	1700.6
-67.5°	13.6	77.0	145.9	239.4	364.7	504.3	679.6	863.1	1046.8	1275.7	1516.7
-70°	13.6	74.2	139.8	220.5	336.7	465.9	610.3	776.3	943.1	1118.7	1335.6
-72.5°	13.6	71.3	133.4	208.7	307.4	425.7	555.3	686.6	836.6	993.6	1157.2
-75°	13.6	68.2	126.7	198.2	276.9	383.7	500.4	611.1	727.0	865.7	1010.1
-77.5°	13.6	65.0	119.7	187.3	258.3	340.3	443.5	539.3	638.2	742.3	859.2
-80°	13.6	61.8	112.6	175.9	242.0	310.5	384.9	465.8	549.6	637.7	729.9
-82.5°	13.6	58.4	105.2	164.1	225.1	287.9	352.3	404.1	459.3	531.0	605.8
-85°	13.6	54.9	97.6	152.0	207.7	264.6	322.6	367.9	413.4	459.4	505.9
-87.5°	13.6	51.4	89.8	139.5	189.8	240.7	292.2	331.2	370.3	409.6	449.2
-90°	13.6	14.6	15.6	15.6	15.6	15.6	15.6	15.1	14.6	14.1	13.6



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	420.6	449.3	478.1	506.8	535.1	563.4	591.6	619.9	646.2	672.6	698.9
87.5°	23.3	23.8	24.3	24.8	23.8	22.7	21.4	20.0	21.6	23.4	25.3
85°	33.0	34.1	36.9	39.1	40.7	42.7	45.3	48.4	54.1	59.8	65.4
82.5°	54.9	58.5	61.2	62.8	68.3	75.0	82.1	88.8	95.3	101.4	107.3
80°	79.3	83.1	83.9	84.8	92.0	100.8	110.2	119.9	127.7	134.9	141.7
77.5°	97.2	99.3	101.9	104.8	114.1	126.9	139.7	152.6	162.2	169.8	176.7
75°	111.2	115.2	124.5	130.3	140.6	155.6	170.6	185.1	194.6	199.9	203.3
72.5°	134.0	147.4	155.7	158.8	168.9	186.5	202.3	216.5	223.8	222.7	218.2
70°	169.1	181.5	192.3	196.3	200.7	217.9	230.8	240.9	245.3	236.5	219.0
67.5°	206.9	226.1	235.9	236.5	230.3	245.3	256.8	255.3	247.6	228.3	205.4
65°	255.5	273.8	282.6	279.0	262.5	265.8	265.0	258.1	240.3	213.8	186.3
62.5°	310.0	326.4	333.4	324.1	293.9	280.9	273.4	255.6	228.4	202.4	176.4
60°	379.3	383.0	387.4	370.8	332.8	296.9	282.7	265.0	235.9	200.3	178.8
57.5°	457.0	444.5	446.6	428.0	384.1	320.0	313.7	291.1	266.5	219.6	197.6
55°	546.6	512.4	517.8	500.9	460.6	389.0	364.6	361.3	326.9	290.0	249.4
52.5°	654.1	607.6	606.5	603.8	582.1	520.3	464.5	503.3	525.0	483.8	510.0
50°	774.9	751.7	716.8	757.4	770.3	737.6	688.5	796.8	927.3	987.0	985.4
47.5°	935.3	921.6	891.4	965.0	1056.9	1141.0	1161.3	1356.9	1554.5	1772.9	1798.8
45°	1124.2	1159.0	1141.8	1297.9	1494.7	1721.2	1889.5	2079.2	2528.9	2789.7	3176.2
42.5°	1333.9	1435.2	1527.6	1675.1	2139.3	2427.6	2681.3	3157.6	3604.9	3983.1	4382.3
40°	1603.8	1737.1	1938.7	2340.0	2840.5	3174.1	3611.0	4153.7	4606.7	5033.7	5442.5
37.5°	1896.4	2119.1	2392.1	2967.4	3536.9	3954.9	4489.8	5028.1	5543.0	6022.2	6593.7
35°	2205.8	2502.3	2932.4	3533.4	4131.0	4713.3	5301.9	5901.5	6489.2	7145.8	7788.4
32.5°	2542.5	2886.0	3428.8	4067.0	4736.0	5412.4	6096.4	6796.3	7543.3	8308.8	8990.7
30°	2846.2	3313.5	3891.2	4583.4	5338.4	6115.3	6913.4	7718.9	8636.0	9542.2	10360.2
27.5°	3078.3	3705.0	4350.2	5115.3	5942.5	6808.8	7733.5	8731.7	9799.5	10838.2	11809.3
25°	3300.8	4006.3	4790.4	5646.9	6565.9	7540.0	8574.4	9691.8	11002.2	12219.2	13430.4
22.5°	3534.1	4309.8	5155.9	6165.0	7172.7	8281.4	9429.1	10715.1	12163.2	13601.9	15073.9
20°	3782.2	4623.9	5516.7	6580.9	7740.6	9011.8	10233.5	11730.3	13341.1	15013.1	16808.5
17.5°	4024.1	4912.7	5866.4	6988.1	8244.9	9668.8	11009.1	12712.9	14498.0	16410.3	18441.1
15°	4257.2	5175.8	6185.4	7362.5	8732.9	10244.4	11811.9	13678.9	15675.3	17786.5	19919.1
12.5°	4478.7	5413.3	6472.9	7702.4	9188.5	10803.7	12530.5	14494.0	16680.7	19014.3	21338.8
10°	4685.9	5625.4	6728.4	8006.0	9606.3	11337.1	13170.1	15222.6	17496.2	19900.6	22493.3
7.5°	4842.8	5801.5	6953.7	8271.9	9980.9	11834.1	13729.8	15861.1	18185.5	20689.7	23476.8
5°	4963.1	5944.6	7162.1	8578.7	10340.8	12245.4	14190.2	16405.6	18750.5	21368.6	24325.9
2.5°	5054.4	6065.5	7340.6	8863.8	10663.0	12525.5	14490.6	16762.8	19258.8	22002.7	25016.0
0°	5121.1	6162.1	7485.8	9107.7	10924.5	12731.7	14712.3	17022.3	19671.6	22539.2	25525.7
-2.5°	5234.4	6333.4	7688.7	9300.9	11087.7	12933.5	14998.0	17383.6	20063.2	22877.6	25965.1
-5°	5325.0	6474.4	7852.7	9446.2	11194.0	13065.7	15194.8	17634.9	20319.6	23105.6	26192.0
-7.5°	5390.6	6581.1	7975.9	9542.6	11265.0	13172.4	15332.3	17759.9	20415.5	23241.7	26227.5
-10°	5429.4	6631.6	8014.6	9571.2	11303.3	13230.0	15385.1	17778.3	20386.8	23209.7	26130.3
-12.5°	5444.1	6630.4	8002.7	9547.9	11273.9	13202.5	15343.2	17691.5	20236.5	23003.4	25882.6
-15°	5434.4	6596.5	7947.0	9472.1	11174.7	13086.8	15205.9	17501.8	19957.5	22583.2	25381.4
-17.5°	5400.4	6529.5	7847.0	9343.4	11004.0	12880.5	14961.2	17151.0	19556.7	22098.2	24744.5
-20°	5342.0	6429.4	7702.2	9161.8	10771.0	12609.5	14615.4	16735.2	19046.1	21519.2	24031.1



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	5259.4	6296.5	7533.1	8957.1	10547.3	12301.5	14202.6	16235.0	18395.6	20828.4	23222.3
-25°	5164.5	6179.1	7356.1	8734.2	10264.7	11940.8	13719.2	15662.6	17701.8	19978.7	22295.8
-27.5°	5056.2	6036.4	7167.6	8466.9	9917.9	11539.8	13240.2	15064.4	16995.3	19042.6	21264.3
-30°	4922.4	5874.3	6941.8	8174.4	9566.6	11103.2	12738.3	14387.3	16216.4	18146.6	20183.1
-32.5°	4763.7	5678.5	6716.4	7890.4	9184.3	10598.0	12152.7	13720.7	15408.2	17194.7	19082.0
-35°	4593.9	5479.7	6465.4	7566.8	8764.8	10089.7	11509.5	13001.1	14553.1	16231.8	17892.0
-37.5°	4423.0	5252.3	6172.2	7224.3	8371.8	9548.9	10825.9	12244.9	13699.2	15183.4	16708.1
-40°	4230.8	4996.9	5880.5	6861.4	7900.4	8992.6	10189.2	11455.8	12807.9	14146.9	15513.5
-42.5°	4021.4	4761.4	5571.4	6446.6	7419.0	8435.4	9509.0	10694.3	11872.8	13088.9	14350.7
-45°	3822.6	4504.0	5242.4	6056.0	6915.4	7855.2	8857.3	9893.3	10954.2	12028.9	13177.6
-47.5°	3609.0	4236.8	4932.3	5637.4	6427.1	7277.8	8178.8	9111.1	10030.0	11015.4	11997.2
-50°	3386.6	3986.0	4585.2	5240.6	5942.0	6705.4	7522.7	8326.5	9166.9	10020.1	10905.1
-52.5°	3163.4	3720.2	4263.0	4836.7	5471.1	6149.1	6861.2	7579.4	8326.1	9077.2	9835.8
-55°	2922.5	3439.2	3931.7	4449.9	5006.2	5613.6	6216.5	6862.7	7509.9	8197.3	8820.5
-57.5°	2694.7	3135.2	3591.1	4064.6	4562.5	5079.5	5614.9	6155.6	6744.6	7337.3	7871.3
-60°	2470.1	2842.8	3240.9	3673.8	4119.5	4577.4	5021.2	5503.7	6002.0	6487.3	6975.9
-62.5°	2237.1	2567.1	2907.5	3274.8	3680.3	4074.9	4475.4	4882.0	5288.0	5718.6	6131.6
-65°	2007.2	2288.7	2590.5	2908.8	3234.8	3591.3	3943.4	4286.8	4649.4	5001.8	5344.1
-67.5°	1767.1	2024.9	2283.3	2548.5	2840.1	3131.1	3423.9	3739.4	4045.6	4333.6	4623.8
-70°	1552.5	1760.0	1988.8	2222.8	2454.8	2693.6	2953.6	3214.4	3470.3	3715.7	3966.9
-72.5°	1339.3	1525.5	1712.4	1899.8	2101.5	2302.5	2505.6	2710.2	2924.2	3138.3	3346.4
-75°	1149.3	1288.9	1451.3	1616.7	1774.1	1927.8	2085.0	2258.9	2430.0	2598.0	2764.4
-77.5°	976.0	1093.8	1215.6	1341.1	1460.9	1589.7	1719.1	1848.7	1976.3	2101.3	2223.6
-80°	813.1	895.7	993.8	1095.5	1190.6	1284.4	1378.3	1471.9	1566.4	1665.4	1767.4
-82.5°	673.1	740.5	808.6	877.4	940.7	1002.5	1066.4	1139.5	1214.2	1288.5	1361.9
-85°	545.0	583.7	636.0	688.9	739.4	789.3	838.4	886.8	936.5	985.5	1033.8
-87.5°	483.1	516.8	550.3	583.7	615.8	647.7	679.3	710.6	742.6	774.5	806.4
-90°	13.6	13.6	13.6	13.6	13.1	12.7	12.2	11.7	11.2	10.7	10.2



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	725.2	733.5	741.8	750.0	758.3	777.8	797.3	816.8	836.3	840.7	845.1
87.5°	27.3	27.3	27.3	27.3	27.2	31.6	36.1	40.7	45.4	44.9	44.2
85°	70.9	71.9	72.4	72.4	72.1	78.1	84.2	90.0	95.7	91.9	87.4
82.5°	112.9	115.0	116.9	119.0	121.1	127.3	133.5	139.3	144.7	146.6	148.2
80°	147.8	151.7	154.5	156.8	158.4	163.7	169.4	174.9	180.1	185.5	191.1
77.5°	181.6	182.8	182.2	180.4	177.5	178.3	179.6	180.2	180.3	183.1	186.4
75°	205.1	202.4	194.3	185.1	174.8	168.4	163.7	158.8	153.7	152.8	153.2
72.5°	210.3	199.6	186.4	170.0	153.9	142.7	135.1	127.7	120.8	117.4	115.3
70°	199.1	178.7	160.9	143.3	126.2	113.5	105.9	99.0	92.7	88.6	85.8
67.5°	179.3	154.0	135.3	117.3	100.5	87.4	80.8	74.7	69.2	65.1	62.1
65°	159.2	132.3	114.3	96.9	80.1	67.1	62.0	57.0	52.1	48.4	46.4
62.5°	148.0	119.8	101.1	86.0	70.7	55.7	50.4	45.3	40.2	36.2	34.5
60°	151.9	119.9	97.3	83.2	67.4	50.1	43.5	38.8	33.6	28.9	27.2
57.5°	175.8	140.9	107.0	101.5	85.4	59.9	62.3	72.5	64.9	44.7	42.5
55°	268.9	260.2	170.3	220.4	256.3	241.5	225.6	298.6	334.2	336.1	369.1
52.5°	534.4	597.4	573.9	601.2	749.5	809.6	801.7	932.2	999.9	990.7	1026.0
50°	1125.1	1254.2	1413.2	1438.8	1687.5	1859.9	1901.5	2052.7	2220.6	2284.9	2357.2
47.5°	2195.8	2498.4	2651.8	2824.9	3111.2	3424.8	3667.8	3885.4	4121.2	4282.5	4477.1
45°	3576.9	3790.6	4057.7	4459.8	4896.7	5306.0	5690.4	6040.7	6271.8	6477.8	6696.5
42.5°	4713.1	5054.5	5502.5	6102.2	6723.8	7143.9	7460.1	7797.8	8158.8	8502.0	8818.3
40°	5876.4	6272.1	6982.9	7662.5	8126.3	8531.8	8964.7	9422.9	9894.8	10345.0	10792.7
37.5°	7123.2	7708.0	8330.5	8924.5	9415.2	9798.8	10392.1	10899.6	11372.5	12042.9	12657.8
35°	8450.0	9085.5	9620.3	10299.8	10848.5	11321.6	11942.3	12581.6	12990.8	13910.5	14706.5
32.5°	9770.0	10510.7	11223.8	11868.9	12549.8	13279.3	13883.4	14760.3	15427.4	16307.0	17171.6
30°	11145.4	12160.7	13050.8	13758.8	14686.4	15629.4	16477.1	17509.7	18493.0	19311.6	20228.0
27.5°	12880.8	14009.8	15095.3	16186.3	17177.2	18354.9	19704.3	20796.5	22055.3	22947.9	23906.3
25°	14722.1	16067.0	17510.8	18917.2	20217.1	21740.5	23270.4	24604.8	25909.5	26938.0	27962.3
22.5°	16724.3	18350.7	20069.0	21839.4	23596.8	25265.8	26907.9	28559.4	30063.3	31476.9	32461.7
20°	18757.7	20563.8	22650.5	24783.6	26807.1	28691.0	30664.3	32752.7	34663.7	36301.8	37515.0
17.5°	20592.1	22857.4	25152.5	27492.9	29775.0	32103.3	34551.6	37007.8	39270.5	41188.9	42799.5
15°	22244.6	24811.2	27468.3	30108.8	32733.0	35413.7	38274.6	40921.0	43457.0	45657.2	47540.2
12.5°	23874.1	26615.5	29463.7	32424.3	35535.4	38438.0	41350.7	44204.3	46862.0	49419.6	51306.0
10°	25316.3	28276.4	31325.7	34498.2	37720.4	40869.3	43939.5	46914.2	49525.5	51940.5	54222.6
7.5°	26491.4	29666.1	32920.5	36257.3	39573.7	42762.3	45889.1	48861.8	51512.3	53987.1	56320.8
5°	27504.9	30872.0	34230.8	37556.1	40893.0	44200.2	47357.2	50288.2	53049.0	55620.8	57959.6
2.5°	28332.1	31843.0	35246.2	38521.3	41844.7	45230.0	48466.7	51298.4	54184.2	56799.9	59102.0
0°	28952.8	32496.8	35791.3	39095.6	42460.3	45883.5	49139.0	51913.0	54850.8	57646.3	59835.5
-2.5°	29292.3	32628.2	35907.3	39222.5	42688.6	46209.9	49460.9	52451.0	55371.9	57992.2	60027.6
-5°	29410.2	32691.8	35959.2	39334.2	42770.2	46236.2	49476.1	52474.0	55279.0	57730.0	59586.3
-7.5°	29331.0	32580.4	35815.1	39156.9	42571.2	45995.7	49183.6	52051.2	54752.4	57073.9	58845.3
-10°	29092.1	32238.8	35474.6	38761.5	42183.0	45564.0	48688.0	51275.1	53854.2	56032.2	57707.1
-12.5°	28697.2	31710.0	34901.3	38115.3	41472.3	44722.2	47633.3	50209.3	52513.8	54719.9	56185.9
-15°	28137.0	31041.7	34092.7	37240.0	40420.4	43564.4	46402.9	48892.7	51027.7	52767.9	54311.8
-17.5°	27434.3	30237.1	33160.6	36176.5	39129.8	42121.0	44751.6	47246.6	49300.3	50849.5	52047.6
-20°	26569.4	29289.4	32085.2	34964.6	37708.6	40252.6	42788.4	45108.5	47138.4	48653.3	49804.7



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	25656.4	28222.5	30871.4	33467.6	35966.5	38358.0	40654.7	42784.0	44714.2	46146.5	47248.4
-25°	24617.6	27017.5	29466.7	31811.4	34093.5	36320.1	38401.9	40375.0	42059.9	43453.2	44476.3
-27.5°	23480.0	25714.6	27925.1	30105.8	32223.2	34148.0	36063.4	37844.5	39326.4	40607.6	41513.6
-30°	22236.8	24280.4	26352.1	28396.3	30228.0	31961.8	33663.7	35209.8	36568.0	37693.1	38505.7
-32.5°	20925.7	22792.7	24714.3	26562.7	28169.0	29733.2	31217.2	32572.5	33818.0	34812.2	35545.0
-35°	19570.2	21299.8	23025.5	24623.7	26120.8	27512.4	28791.0	29992.3	31024.1	31930.3	32648.7
-37.5°	18236.9	19794.8	21292.4	22687.9	24071.3	25347.4	26464.3	27518.3	28456.4	29212.2	29842.0
-40°	16929.3	18308.3	19583.3	20825.4	22061.5	23141.8	24156.1	25065.0	25895.2	26617.3	27176.8
-42.5°	15629.4	16816.9	17917.5	19035.2	20103.9	21040.8	21923.9	22711.4	23431.8	24078.9	24621.4
-45°	14324.7	15340.4	16319.9	17302.6	18190.0	19024.5	19792.0	20484.0	21127.5	21672.5	22117.3
-47.5°	12992.3	13893.3	14783.1	15634.6	16370.8	17091.8	17752.7	18374.2	18954.1	19444.1	19837.1
-50°	11720.0	12516.4	13313.1	14017.1	14636.0	15236.4	15795.7	16395.8	16932.6	17379.0	17703.8
-52.5°	10525.6	11245.7	11930.5	12507.1	13030.2	13499.1	13928.7	14486.2	14991.5	15429.9	15717.9
-55°	9437.8	10054.0	10641.2	11117.5	11554.4	11945.4	12335.3	12783.3	13191.3	13556.1	13796.8
-57.5°	8413.8	8936.3	9424.6	9825.7	10190.1	10517.0	10879.1	11253.6	11588.2	11876.1	12069.9
-60°	7443.1	7887.7	8292.9	8622.8	8925.6	9200.8	9545.3	9872.3	10161.4	10396.3	10541.0
-62.5°	6527.3	6926.1	7241.1	7506.4	7748.4	7980.2	8281.3	8563.7	8824.5	9032.8	9153.9
-65°	5689.0	6038.1	6272.2	6482.2	6672.8	6881.7	7137.7	7367.5	7571.2	7725.9	7831.3
-67.5°	4924.6	5200.9	5385.5	5552.3	5715.6	5894.3	6111.6	6312.2	6495.5	6622.9	6701.7
-70°	4212.5	4425.5	4575.2	4717.1	4853.4	5006.7	5184.7	5350.4	5503.5	5602.4	5665.2
-72.5°	3548.3	3710.6	3834.3	3956.4	4066.4	4197.8	4342.9	4478.9	4605.2	4679.6	4727.4
-75°	2928.6	3053.0	3154.3	3248.0	3334.0	3444.5	3562.1	3672.5	3775.2	3832.0	3868.7
-77.5°	2353.9	2449.2	2525.4	2595.3	2658.6	2746.2	2836.7	2921.7	3000.9	3051.5	3092.1
-80°	1867.2	1924.8	1971.7	2015.3	2055.6	2121.1	2187.5	2250.1	2308.7	2341.7	2367.8
-82.5°	1434.3	1469.2	1497.2	1521.6	1542.7	1588.3	1633.8	1676.9	1717.5	1738.8	1756.9
-85°	1081.1	1100.0	1115.8	1129.9	1142.2	1174.0	1205.4	1235.7	1264.8	1271.0	1275.4
-87.5°	838.3	848.5	858.2	867.5	876.6	900.1	923.5	946.8	969.9	973.9	977.5
-90°	9.7	9.2	8.8	8.3	7.8	7.3	6.8	6.3	5.8	5.3	4.9



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	849.4	853.8	850.9	848.0	850.9	853.8	849.4	845.1	840.7	836.3	816.8
87.5°	43.5	42.8	42.9	42.9	42.9	42.8	43.5	44.2	44.9	45.4	40.7
85°	82.7	77.8	74.1	70.2	74.1	77.8	82.7	87.4	91.9	95.7	90.0
82.5°	149.8	151.2	150.9	150.1	150.9	151.2	149.8	148.2	146.6	144.7	139.3
80°	196.5	201.8	203.5	204.7	203.5	201.8	196.5	191.1	185.5	180.1	174.9
77.5°	189.7	193.0	194.0	194.9	194.0	193.0	189.7	186.4	183.1	180.3	180.2
75°	153.8	154.8	154.2	154.0	154.2	154.8	153.8	153.2	152.8	153.7	158.8
72.5°	113.6	112.3	111.4	111.1	111.4	112.3	113.6	115.3	117.4	120.8	127.7
70°	83.2	81.0	79.3	78.0	79.3	81.0	83.2	85.8	88.6	92.7	99.0
67.5°	59.6	57.5	55.8	54.6	55.8	57.5	59.6	62.1	65.1	69.2	74.7
65°	44.8	43.6	42.1	40.9	42.1	43.6	44.8	46.4	48.4	52.1	57.0
62.5°	33.0	31.9	31.3	31.2	31.3	31.9	33.0	34.5	36.2	40.2	45.3
60°	25.6	24.1	23.5	23.4	23.5	24.1	25.6	27.2	28.9	33.6	38.8
57.5°	38.3	32.8	29.5	27.3	29.5	32.8	38.3	42.5	44.7	64.9	72.5
55°	386.6	387.7	395.4	403.5	395.4	387.7	386.6	369.1	336.1	334.2	298.6
52.5°	1053.1	1049.6	1040.1	1021.5	1040.1	1049.6	1053.1	1026.0	990.7	999.9	932.2
50°	2400.6	2366.7	2293.2	2189.2	2293.2	2366.7	2400.6	2357.2	2284.9	2220.6	2052.7
47.5°	4739.1	4935.2	5070.8	5130.9	5070.8	4935.2	4739.1	4477.1	4282.5	4121.2	3885.4
45°	6924.2	7040.5	7108.4	7162.2	7108.4	7040.5	6924.2	6696.5	6477.8	6271.8	6040.7
42.5°	9087.7	9271.9	9362.8	9347.5	9362.8	9271.9	9087.7	8818.3	8502.0	8158.8	7797.8
40°	11222.8	11608.6	11925.2	12152.7	11925.2	11608.6	11222.8	10792.7	10345.0	9894.8	9422.9
37.5°	13265.9	13840.3	14325.6	14677.2	14325.6	13840.3	13265.9	12657.8	12042.9	11372.5	10899.6
35°	15357.8	15864.5	16197.0	16342.0	16197.0	15864.5	15357.8	14706.5	13910.5	12990.8	12581.6
32.5°	17723.0	18004.5	18064.2	18215.4	18064.2	18004.5	17723.0	17171.6	16307.0	15427.4	14760.3
30°	20786.1	21078.7	21085.8	21276.0	21085.8	21078.7	20786.1	20228.0	19311.6	18493.0	17509.7
27.5°	24661.9	25154.6	25314.7	25482.8	25314.7	25154.6	24661.9	23906.3	22947.9	22055.3	20796.5
25°	28812.1	29271.4	29418.5	29362.1	29418.5	29271.4	28812.1	27962.3	26938.0	25909.5	24604.8
22.5°	33470.5	34065.9	34282.6	34173.3	34282.6	34065.9	33470.5	32461.7	31476.9	30063.3	28559.4
20°	38684.1	39543.6	39997.9	40202.9	39997.9	39543.6	38684.1	37515.0	36301.8	34663.7	32752.7
17.5°	44171.8	45438.4	46020.0	46191.5	46020.0	45438.4	44171.8	42799.5	41188.9	39270.5	37007.8
15°	49164.3	50270.2	51024.4	51412.0	51024.4	50270.2	49164.3	47540.2	45657.2	43457.0	40921.0
12.5°	53024.5	54434.0	55608.8	56238.8	55608.8	54434.0	53024.5	51306.0	49419.6	46862.0	44204.3
10°	56171.1	57594.2	58662.6	59180.5	58662.6	57594.2	56171.1	54222.6	51940.5	49525.5	46914.2
7.5°	58348.1	59670.8	60500.1	60839.4	60500.1	59670.8	58348.1	56320.8	53987.1	51512.3	48861.8
5°	59755.3	61019.9	61633.0	61853.1	61633.0	61019.9	59755.3	57959.6	55620.8	53049.0	50288.2
2.5°	60768.5	61769.2	62260.0	62291.7	62260.0	61769.2	60768.5	59102.0	56799.9	54184.2	51298.4
0°	61231.2	62131.9	62669.9	62660.2	62669.9	62131.9	61231.2	59835.5	57646.3	54850.8	51913.0
-2.5°	61253.7	62037.2	62419.6	62204.0	62419.6	62037.2	61253.7	60027.6	57992.2	55371.9	52451.0
-5°	60816.8	61583.7	61870.3	61804.4	61870.3	61583.7	60816.8	59586.3	57730.0	55279.0	52474.0
-7.5°	60032.5	60712.9	61005.4	61014.9	61005.4	60712.9	60032.5	58845.3	57073.9	54752.4	52051.2
-10°	58836.4	59404.9	59740.0	59644.4	59740.0	59404.9	58836.4	57707.1	56032.2	53854.2	51275.1
-12.5°	57254.2	57815.3	58099.4	58042.0	58099.4	57815.3	57254.2	56185.9	54719.9	52513.8	50209.3
-15°	55361.5	55894.8	56161.1	56135.5	56161.1	55894.8	55361.5	54311.8	52767.9	51027.7	48892.7
-17.5°	53018.2	53552.8	53825.4	53862.4	53825.4	53552.8	53018.2	52047.6	50849.5	49300.3	47246.6
-20°	50562.5	51034.0	51283.6	51287.3	51283.6	51034.0	50562.5	49804.7	48653.3	47138.4	45108.5



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	48016.9	48546.4	48842.6	48797.9	48842.6	48546.4	48016.9	47248.4	46146.5	44714.2	42784.0
-25°	45179.6	45710.2	45998.3	45986.8	45998.3	45710.2	45179.6	44476.3	43453.2	42059.9	40375.0
-27.5°	42150.6	42660.5	42938.6	42973.0	42938.6	42660.5	42150.6	41513.6	40607.6	39326.4	37844.5
-30°	39099.4	39602.2	39874.5	39896.8	39874.5	39602.2	39099.4	38505.7	37693.1	36568.0	35209.8
-32.5°	36109.7	36563.7	36815.2	36842.1	36815.2	36563.7	36109.7	35545.0	34812.2	33818.0	32572.5
-35°	33192.8	33591.7	33817.4	33890.6	33817.4	33591.7	33192.8	32648.7	31930.3	31024.1	29992.3
-37.5°	30354.0	30714.6	30932.5	31065.9	30932.5	30714.6	30354.0	29842.0	29212.2	28456.4	27518.3
-40°	27611.9	27927.8	28101.6	28104.8	28101.6	27927.8	27611.9	27176.8	26617.3	25895.2	25065.0
-42.5°	25023.4	25289.3	25422.2	25424.3	25422.2	25289.3	25023.4	24621.4	24078.9	23431.8	22711.4
-45°	22475.5	22735.7	22919.9	23036.3	22919.9	22735.7	22475.5	22117.3	21672.5	21127.5	20484.0
-47.5°	20136.9	20350.2	20496.5	20576.1	20496.5	20350.2	20136.9	19837.1	19444.1	18954.1	18374.2
-50°	17941.8	18112.4	18237.1	18310.9	18237.1	18112.4	17941.8	17703.8	17379.0	16932.6	16395.8
-52.5°	15913.2	16037.7	16082.5	16053.5	16082.5	16037.7	15913.2	15717.9	15429.9	14991.5	14486.2
-55°	13977.1	14101.2	14150.8	14133.3	14150.8	14101.2	13977.1	13796.8	13556.1	13191.3	12783.3
-57.5°	12222.4	12332.4	12420.4	12474.3	12420.4	12332.4	12222.4	12069.9	11876.1	11588.2	11253.6
-60°	10654.9	10736.3	10791.6	10813.4	10791.6	10736.3	10654.9	10541.0	10396.3	10161.4	9872.3
-62.5°	9239.0	9289.7	9329.0	9345.5	9329.0	9289.7	9239.0	9153.9	9032.8	8824.5	8563.7
-65°	7915.3	7977.1	7969.6	7926.3	7969.6	7977.1	7915.3	7831.3	7725.9	7571.2	7367.5
-67.5°	6761.2	6801.4	6836.0	6854.2	6836.0	6801.4	6761.2	6701.7	6622.9	6495.5	6312.2
-70°	5713.2	5746.1	5758.4	5754.7	5758.4	5746.1	5713.2	5665.2	5602.4	5503.5	5350.4
-72.5°	4763.4	4787.5	4792.2	4783.9	4792.2	4787.5	4763.4	4727.4	4679.6	4605.2	4478.9
-75°	3894.8	3910.8	3918.8	3918.3	3918.8	3910.8	3894.8	3868.7	3832.0	3775.2	3672.5
-77.5°	3125.9	3152.8	3141.4	3121.0	3141.4	3152.8	3125.9	3092.1	3051.5	3000.9	2921.7
-80°	2389.1	2405.6	2396.6	2382.2	2396.6	2405.6	2389.1	2367.8	2341.7	2308.7	2250.1
-82.5°	1772.5	1785.6	1770.8	1752.5	1770.8	1785.6	1772.5	1756.9	1738.8	1717.5	1676.9
-85°	1278.5	1280.4	1279.2	1276.9	1279.2	1280.4	1278.5	1275.4	1271.0	1264.8	1235.7
-87.5°	980.9	984.0	981.4	978.6	981.4	984.0	980.9	977.5	973.9	969.9	946.8
-90°	4.4	3.9	4.9	5.8	4.9	3.9	4.4	4.9	5.3	5.8	6.3



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	797.3	777.8	758.3	750.0	741.8	733.5	725.2	698.9	672.6	646.2	619.9
87.5°	36.1	31.6	27.2	27.3	27.3	27.3	27.3	25.3	23.4	21.6	20.0
85°	84.2	78.1	72.1	72.4	72.4	71.9	70.9	65.4	59.8	54.1	48.4
82.5°	133.5	127.3	121.1	119.0	116.9	115.0	112.9	107.3	101.4	95.3	88.8
80°	169.4	163.7	158.4	156.8	154.5	151.7	147.8	141.7	134.9	127.7	119.9
77.5°	179.6	178.3	177.5	180.4	182.2	182.8	181.6	176.7	169.8	162.2	152.6
75°	163.7	168.4	174.8	185.1	194.3	202.4	205.1	203.3	199.9	194.6	185.1
72.5°	135.1	142.7	153.9	170.0	186.4	199.6	210.3	218.2	222.7	223.8	216.5
70°	105.9	113.5	126.2	143.3	160.9	178.7	199.1	219.0	236.5	245.3	240.9
67.5°	80.8	87.4	100.5	117.3	135.3	154.0	179.3	205.4	228.3	247.6	255.3
65°	62.0	67.1	80.1	96.9	114.3	132.3	159.2	186.3	213.8	240.3	258.1
62.5°	50.4	55.7	70.7	86.0	101.1	119.8	148.0	176.4	202.4	228.4	255.6
60°	43.5	50.1	67.4	83.2	97.3	119.9	151.9	178.8	200.3	235.9	265.0
57.5°	62.3	59.9	85.4	101.5	107.0	140.9	175.8	197.6	219.6	266.5	291.1
55°	225.6	241.5	256.3	220.4	170.3	260.2	268.9	249.4	290.0	326.9	361.3
52.5°	801.7	809.6	749.5	601.2	573.9	597.4	534.4	510.0	483.8	525.0	503.3
50°	1901.5	1859.9	1687.5	1438.8	1413.2	1254.2	1125.1	985.4	987.0	927.3	796.8
47.5°	3667.8	3424.8	3111.2	2824.9	2651.8	2498.4	2195.8	1798.8	1772.9	1554.5	1356.9
45°	5690.4	5306.0	4896.7	4459.8	4057.7	3790.6	3576.9	3176.2	2789.7	2528.9	2079.2
42.5°	7460.1	7143.9	6723.8	6102.2	5502.5	5054.5	4713.1	4382.3	3983.1	3604.9	3157.6
40°	8964.7	8531.8	8126.3	7662.5	6982.9	6272.1	5876.4	5442.5	5033.7	4606.7	4153.7
37.5°	10392.1	9798.8	9415.2	8924.5	8330.5	7708.0	7123.2	6593.7	6022.2	5543.0	5028.1
35°	11942.3	11321.6	10848.5	10299.8	9620.3	9085.5	8450.0	7788.4	7145.8	6489.2	5901.5
32.5°	13883.4	13279.3	12549.8	11868.9	11223.8	10510.7	9770.0	8990.7	8308.8	7543.3	6796.3
30°	16477.1	15629.4	14686.4	13758.8	13050.8	12160.7	11145.4	10360.2	9542.2	8636.0	7718.9
27.5°	19704.3	18354.9	17177.2	16186.3	15095.3	14009.8	12880.8	11809.3	10838.2	9799.5	8731.7
25°	23270.4	21740.5	20217.1	18917.2	17510.8	16067.0	14722.1	13430.4	12219.2	11002.2	9691.8
22.5°	26907.9	25265.8	23596.8	21839.4	20069.0	18350.7	16724.3	15073.9	13601.9	12163.2	10715.1
20°	30664.3	28691.0	26807.1	24783.6	22650.5	20563.8	18757.7	16808.5	15013.1	13341.1	11730.3
17.5°	34551.6	32103.3	29775.0	27492.9	25152.5	22857.4	20592.1	18441.1	16410.3	14498.0	12712.9
15°	38274.6	35413.7	32733.0	30108.8	27468.3	24811.2	22244.6	19919.1	17786.5	15675.3	13678.9
12.5°	41350.7	38438.0	35535.4	32424.3	29463.7	26615.5	23874.1	21338.8	19014.3	16680.7	14494.0
10°	43939.5	40869.3	37720.4	34498.2	31325.7	28276.4	25316.3	22493.3	19900.6	17496.2	15222.6
7.5°	45889.1	42762.3	39573.7	36257.3	32920.5	29666.1	26491.4	23476.8	20689.7	18185.5	15861.1
5°	47357.2	44200.2	40893.0	37556.1	34230.8	30872.0	27504.9	24325.9	21368.6	18750.5	16405.6
2.5°	48466.7	45230.0	41844.7	38521.3	35246.2	31843.0	28332.1	25016.0	22002.7	19258.8	16762.8
0°	49139.0	45883.5	42460.3	39095.6	35791.3	32496.8	28952.8	25525.7	22539.2	19671.6	17022.3
-2.5°	49460.9	46209.9	42688.6	39222.5	35907.3	32628.2	29292.3	25965.1	22877.6	20063.2	17383.6
-5°	49476.1	46236.2	42770.2	39334.2	35959.2	32691.8	29410.2	26192.0	23105.6	20319.6	17634.9
-7.5°	49183.6	45995.7	42571.2	39156.9	35815.1	32580.4	29331.0	26227.5	23241.7	20415.5	17759.9
-10°	48688.0	45564.0	42183.0	38761.5	35474.6	32238.8	29092.1	26130.3	23209.7	20386.8	17778.3
-12.5°	47633.3	44722.2	41472.3	38115.3	34901.3	31710.0	28697.2	25882.6	23003.4	20236.5	17691.5
-15°	46402.9	43564.4	40420.4	37240.0	34092.7	31041.7	28137.0	25381.4	22583.2	19957.5	17501.8
-17.5°	44751.6	42121.0	39129.8	36176.5	33160.6	30237.1	27434.3	24744.5	22098.2	19556.7	17151.0
-20°	42788.4	40252.6	37708.6	34964.6	32085.2	29289.4	26569.4	24031.1	21519.2	19046.1	16735.2



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	40654.7	38358.0	35966.5	33467.6	30871.4	28222.5	25656.4	23222.3	20828.4	18395.6	16235.0
-25°	38401.9	36320.1	34093.5	31811.4	29466.7	27017.5	24617.6	22295.8	19978.7	17701.8	15662.6
-27.5°	36063.4	34148.0	32223.2	30105.8	27925.1	25714.6	23480.0	21264.3	19042.6	16995.3	15064.4
-30°	33663.7	31961.8	30228.0	28396.3	26352.1	24280.4	22236.8	20183.1	18146.6	16216.4	14387.3
-32.5°	31217.2	29733.2	28169.0	26562.7	24714.3	22792.7	20925.7	19082.0	17194.7	15408.2	13720.7
-35°	28791.0	27512.4	26120.8	24623.7	23025.5	21299.8	19570.2	17892.0	16231.8	14553.1	13001.1
-37.5°	26464.3	25347.4	24071.3	22687.9	21292.4	19794.8	18236.9	16708.1	15183.4	13699.2	12244.9
-40°	24156.1	23141.8	22061.5	20825.4	19583.3	18308.3	16929.3	15513.5	14146.9	12807.9	11455.8
-42.5°	21923.9	21040.8	20103.9	19035.2	17917.5	16816.9	15629.4	14350.7	13088.9	11872.8	10694.3
-45°	19792.0	19024.5	18190.0	17302.6	16319.9	15340.4	14324.7	13177.6	12028.9	10954.2	9893.3
-47.5°	17752.7	17091.8	16370.8	15634.6	14783.1	13893.3	12992.3	11997.2	11015.4	10030.0	9111.1
-50°	15795.7	15236.4	14636.0	14017.1	13313.1	12516.4	11720.0	10905.1	10020.1	9166.9	8326.5
-52.5°	13928.7	13499.1	13030.2	12507.1	11930.5	11245.7	10525.6	9835.8	9077.2	8326.1	7579.4
-55°	12335.3	11945.4	11554.4	11117.5	10641.2	10054.0	9437.8	8820.5	8197.3	7509.9	6862.7
-57.5°	10879.1	10517.0	10190.1	9825.7	9424.6	8936.3	8413.8	7871.3	7337.3	6744.6	6155.6
-60°	9545.3	9200.8	8925.6	8622.8	8292.9	7887.7	7443.1	6975.9	6487.3	6002.0	5503.7
-62.5°	8281.3	7980.2	7748.4	7506.4	7241.1	6926.1	6527.3	6131.6	5718.6	5288.0	4882.0
-65°	7137.7	6881.7	6672.8	6482.2	6272.2	6038.1	5689.0	5344.1	5001.8	4649.4	4286.8
-67.5°	6111.6	5894.3	5715.6	5552.3	5385.5	5200.9	4924.6	4623.8	4333.6	4045.6	3739.4
-70°	5184.7	5006.7	4853.4	4717.1	4575.2	4425.5	4212.5	3966.9	3715.7	3470.3	3214.4
-72.5°	4342.9	4197.8	4066.4	3956.4	3834.3	3710.6	3548.3	3346.4	3138.3	2924.2	2710.2
-75°	3562.1	3444.5	3334.0	3248.0	3154.3	3053.0	2928.6	2764.4	2598.0	2430.0	2258.9
-77.5°	2836.7	2746.2	2658.6	2595.3	2525.4	2449.2	2353.9	2223.6	2101.3	1976.3	1848.7
-80°	2187.5	2121.1	2055.6	2015.3	1971.7	1924.8	1867.2	1767.4	1665.4	1566.4	1471.9
-82.5°	1633.8	1588.3	1542.7	1521.6	1497.2	1469.2	1434.3	1361.9	1288.5	1214.2	1139.5
-85°	1205.4	1174.0	1142.2	1129.9	1115.8	1100.0	1081.1	1033.8	985.5	936.5	886.8
-87.5°	923.5	900.1	876.6	867.5	858.2	848.5	838.3	806.4	774.5	742.6	710.6
-90°	6.8	7.3	7.8	8.3	8.8	9.2	9.7	10.2	10.7	11.2	11.7



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	591.6	563.4	535.1	506.8	478.1	449.3	420.6	391.8	359.2	326.5	293.9
87.5°	21.4	22.7	23.8	24.8	24.3	23.8	23.3	22.7	23.6	24.3	24.6
85°	45.3	42.7	40.7	39.1	36.9	34.1	33.0	31.9	33.2	34.0	34.2
82.5°	82.1	75.0	68.3	62.8	61.2	58.5	54.9	50.4	47.9	44.6	43.8
80°	110.2	100.8	92.0	84.8	83.9	83.1	79.3	74.5	70.5	65.7	59.8
77.5°	139.7	126.9	114.1	104.8	101.9	99.3	97.2	96.3	93.3	86.7	79.1
75°	170.6	155.6	140.6	130.3	124.5	115.2	111.2	111.7	114.9	108.3	98.3
72.5°	202.3	186.5	168.9	158.8	155.7	147.4	134.0	128.9	137.3	134.4	119.9
70°	230.8	217.9	200.7	196.3	192.3	181.5	169.1	165.5	161.9	161.7	148.9
67.5°	256.8	245.3	230.3	236.5	235.9	226.1	206.9	208.7	207.4	190.8	178.8
65°	265.0	265.8	262.5	279.0	282.6	273.8	255.5	258.4	254.9	238.5	209.7
62.5°	273.4	280.9	293.9	324.1	333.4	326.4	310.0	320.6	307.5	287.7	252.6
60°	282.7	296.9	332.8	370.8	387.4	383.0	379.3	386.8	373.9	338.6	301.0
57.5°	313.7	320.0	384.1	428.0	446.6	444.5	457.0	464.1	443.5	402.7	351.3
55°	364.6	389.0	460.6	500.9	517.8	512.4	546.6	550.6	519.2	472.1	405.0
52.5°	464.5	520.3	582.1	603.8	606.5	607.6	654.1	643.6	609.0	543.6	472.7
50°	688.5	737.6	770.3	757.4	716.8	751.7	774.9	760.5	703.6	621.8	543.5
47.5°	1161.3	1141.0	1056.9	965.0	891.4	921.6	935.3	889.6	803.1	713.1	615.8
45°	1889.5	1721.2	1494.7	1297.9	1141.8	1159.0	1124.2	1029.1	931.5	811.8	689.5
42.5°	2681.3	2427.6	2139.3	1675.1	1527.6	1435.2	1333.9	1216.7	1067.6	913.7	772.9
40°	3611.0	3174.1	2840.5	2340.0	1938.7	1737.1	1603.8	1425.3	1210.2	1024.7	863.6
37.5°	4489.8	3954.9	3536.9	2967.4	2392.1	2119.1	1896.4	1648.6	1362.7	1148.7	955.5
35°	5301.9	4713.3	4131.0	3533.4	2932.4	2502.3	2205.8	1897.7	1540.3	1271.6	1048.4
32.5°	6096.4	5412.4	4736.0	4067.0	3428.8	2886.0	2542.5	2117.0	1710.8	1393.1	1141.9
30°	6913.4	6115.3	5338.4	4583.4	3891.2	3313.5	2846.2	2322.7	1873.7	1512.9	1237.6
27.5°	7733.5	6808.8	5942.5	5115.3	4350.2	3705.0	3078.3	2514.4	2028.8	1638.1	1337.4
25°	8574.4	7540.0	6565.9	5646.9	4790.4	4006.3	3300.8	2692.9	2187.1	1770.0	1434.6
22.5°	9429.1	8281.4	7172.7	6165.0	5155.9	4309.8	3534.1	2880.5	2339.8	1894.8	1528.7
20°	10233.5	9011.8	7740.6	6580.9	5516.7	4623.9	3782.2	3057.5	2480.6	2012.2	1619.5
17.5°	11009.1	9668.8	8244.9	6988.1	5866.4	4912.7	4024.1	3223.2	2609.5	2122.2	1706.6
15°	11811.9	10244.4	8732.9	7362.5	6185.4	5175.8	4257.2	3376.9	2726.5	2224.5	1779.8
12.5°	12530.5	10803.7	9188.5	7702.4	6472.9	5413.3	4478.7	3517.9	2831.9	2314.6	1837.0
10°	13170.1	11337.1	9606.3	8006.0	6728.4	5625.4	4685.9	3661.5	2955.8	2395.6	1890.1
7.5°	13729.8	11834.1	9980.9	8271.9	6953.7	5801.5	4842.8	3825.1	3078.5	2470.7	1938.5
5°	14190.2	12245.4	10340.8	8578.7	7162.1	5944.6	4963.1	3974.8	3194.2	2538.9	1981.5
2.5°	14490.6	12525.5	10663.0	8863.8	7340.6	6065.5	5054.4	4109.5	3300.7	2599.4	2018.5
0°	14712.3	12731.7	10924.5	9107.7	7485.8	6162.1	5121.1	4228.3	3395.9	2651.2	2048.8
-2.5°	14998.0	12933.5	11087.7	9300.9	7688.7	6333.4	5234.4	4303.4	3462.7	2715.9	2099.1
-5°	15194.8	13065.7	11194.0	9446.2	7852.7	6474.4	5325.0	4361.3	3516.1	2770.5	2141.7
-7.5°	15332.3	13172.4	11265.0	9542.6	7975.9	6581.1	5390.6	4401.9	3556.4	2814.6	2176.0
-10°	15385.1	13230.0	11303.3	9571.2	8014.6	6631.6	5429.4	4424.9	3583.8	2847.7	2201.6
-12.5°	15343.2	13202.5	11273.9	9547.9	8002.7	6630.4	5444.1	4443.0	3599.2	2869.6	2218.3
-15°	15205.9	13086.8	11174.7	9472.1	7947.0	6596.5	5434.4	4447.3	3605.5	2877.0	2225.6
-17.5°	14961.2	12880.5	11004.0	9343.4	7847.0	6529.5	5400.4	4430.8	3596.1	2868.7	2220.4
-20°	14615.4	12609.5	10771.0	9161.8	7702.2	6429.4	5342.0	4393.0	3570.4	2847.7	2204.1



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	14202.6	12301.5	10547.3	8957.1	7533.1	6296.5	5259.4	4333.5	3528.2	2813.8	2178.9
-25°	13719.2	11940.8	10264.7	8734.2	7356.1	6179.1	5164.5	4252.1	3469.3	2766.6	2145.0
-27.5°	13240.2	11539.8	9917.9	8466.9	7167.6	6036.4	5056.2	4172.1	3398.1	2706.1	2102.3
-30°	12738.3	11103.2	9566.6	8174.4	6941.8	5874.3	4922.4	4073.4	3319.4	2642.6	2051.0
-32.5°	12152.7	10598.0	9184.3	7890.4	6716.4	5678.5	4763.7	3954.8	3224.8	2574.6	2001.9
-35°	11509.5	10089.7	8764.8	7566.8	6465.4	5479.7	4593.9	3816.6	3114.1	2496.7	1948.8
-37.5°	10825.9	9548.9	8371.8	7224.3	6172.2	5252.3	4423.0	3673.0	2987.6	2408.9	1888.4
-40°	10189.2	8992.6	7900.4	6861.4	5880.5	4996.9	4230.8	3522.0	2869.1	2311.6	1820.8
-42.5°	9509.0	8435.4	7419.0	6446.6	5571.4	4761.4	4021.4	3356.6	2751.7	2219.2	1746.3
-45°	8857.3	7855.2	6915.4	6056.0	5242.4	4504.0	3822.6	3181.6	2620.2	2125.6	1670.1
-47.5°	8178.8	7277.8	6427.1	5637.4	4932.3	4236.8	3609.0	3016.7	2475.0	2024.2	1593.8
-50°	7522.7	6705.4	5942.0	5240.6	4585.2	3986.0	3386.6	2835.2	2344.7	1910.8	1510.0
-52.5°	6861.2	6149.1	5471.1	4836.7	4263.0	3720.2	3163.4	2641.7	2203.1	1796.1	1418.9
-55°	6216.5	5613.6	5006.2	4449.9	3931.7	3439.2	2922.5	2467.5	2050.7	1676.4	1322.8
-57.5°	5614.9	5079.5	4562.5	4064.6	3591.1	3135.2	2694.7	2281.1	1899.6	1548.7	1237.3
-60°	5021.2	4577.4	4119.5	3673.8	3240.9	2842.8	2470.1	2089.2	1742.7	1418.4	1143.7
-62.5°	4475.4	4074.9	3680.3	3274.8	2907.5	2567.1	2237.1	1899.5	1577.4	1300.2	1043.9
-65°	3943.4	3591.3	3234.8	2908.8	2590.5	2288.7	2007.2	1700.6	1426.9	1176.2	946.7
-67.5°	3423.9	3131.1	2840.1	2548.5	2283.3	2024.9	1767.1	1516.7	1275.7	1046.8	863.1
-70°	2953.6	2693.6	2454.8	2222.8	1988.8	1760.0	1552.5	1335.6	1118.7	943.1	776.3
-72.5°	2505.6	2302.5	2101.5	1899.8	1712.4	1525.5	1339.3	1157.2	993.6	836.6	686.6
-75°	2085.0	1927.8	1774.1	1616.7	1451.3	1288.9	1149.3	1010.1	865.7	727.0	611.1
-77.5°	1719.1	1589.7	1460.9	1341.1	1215.6	1093.8	976.0	859.2	742.3	638.2	539.3
-80°	1378.3	1284.4	1190.6	1095.5	993.8	895.7	813.1	729.9	637.7	549.6	465.8
-82.5°	1066.4	1002.5	940.7	877.4	808.6	740.5	673.1	605.8	531.0	459.3	404.1
-85°	838.4	789.3	739.4	688.9	636.0	583.7	545.0	505.9	459.4	413.4	367.9
-87.5°	679.3	647.7	615.8	583.7	550.3	516.8	483.1	449.2	409.6	370.3	331.2
-90°	12.2	12.7	13.1	13.6	13.6	13.6	13.6	13.6	14.1	14.6	15.1



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	261.2	216.4	171.6	126.7	81.9	47.8	13.6
87.5°	24.7	23.9	22.9	21.5	19.8	17.3	13.6
85°	33.8	32.3	30.2	27.4	24.1	20.0	13.6
82.5°	42.9	40.6	37.4	33.3	28.3	22.7	13.6
80°	53.1	49.0	44.7	39.2	32.6	25.5	13.6
77.5°	70.6	60.7	52.0	45.1	36.9	28.1	13.6
75°	88.6	78.7	61.0	50.9	41.2	30.8	13.6
72.5°	106.9	96.9	77.9	56.8	45.5	33.5	13.6
70°	127.3	115.5	94.9	64.2	49.9	36.2	13.6
67.5°	158.5	134.3	112.1	78.6	54.3	38.8	13.6
65°	190.5	159.0	129.3	93.0	58.7	41.4	13.6
62.5°	223.4	189.6	146.7	107.3	63.1	44.0	13.6
60°	257.2	220.7	164.2	121.5	67.6	46.6	13.6
57.5°	303.8	252.2	190.9	135.7	78.0	49.1	13.6
55°	352.8	284.3	218.2	149.9	88.3	51.6	13.6
52.5°	402.7	318.6	245.5	164.0	98.4	54.1	13.6
50°	453.5	362.3	272.9	178.0	108.4	56.5	13.6
47.5°	506.8	406.3	300.2	193.5	118.2	58.9	13.6
45°	570.7	450.4	327.6	214.2	127.7	61.3	13.6
42.5°	634.9	494.6	354.9	234.6	137.1	63.5	13.6
40°	699.5	538.8	385.9	254.7	146.1	65.8	13.6
37.5°	764.3	583.0	420.2	274.3	155.0	68.0	13.6
35°	829.2	632.3	454.0	293.2	163.5	70.1	13.6
32.5°	897.3	683.7	487.1	311.5	171.7	72.1	13.6
30°	973.2	734.3	519.4	329.0	179.6	74.1	13.6
27.5°	1048.1	783.8	548.9	345.8	187.2	75.9	13.6
25°	1121.9	832.1	576.8	361.7	194.4	77.7	13.6
22.5°	1194.0	876.7	603.1	376.8	201.2	79.4	13.6
20°	1264.2	913.8	627.9	390.9	207.6	81.0	13.6
17.5°	1319.3	948.0	651.1	404.1	213.6	82.5	13.6
15°	1362.1	979.4	672.6	416.3	219.1	83.9	13.6
12.5°	1400.0	1007.9	692.2	427.5	224.2	85.2	13.6
10°	1432.8	1033.3	709.9	437.5	228.7	86.4	13.6
7.5°	1460.7	1055.6	725.7	446.4	232.8	87.4	13.6
5°	1483.6	1074.8	739.4	454.1	236.3	88.3	13.6
2.5°	1501.6	1090.7	750.9	460.6	239.3	89.1	13.6
0°	1514.7	1103.4	760.3	465.9	241.7	89.7	13.6
-2.5°	1551.1	1124.0	772.7	473.0	245.4	91.5	13.6
-5°	1582.3	1141.0	782.8	478.7	248.5	93.1	13.6
-7.5°	1607.6	1154.4	790.4	483.0	251.1	94.5	13.6
-10°	1626.7	1163.9	795.4	486.0	253.0	95.8	13.6
-12.5°	1639.1	1169.3	797.9	487.5	254.3	96.9	13.6
-15°	1644.4	1170.6	797.6	487.5	255.0	97.9	13.6
-17.5°	1642.2	1167.6	794.6	486.1	255.0	98.7	13.6
-20°	1633.1	1160.1	788.7	483.1	254.4	99.3	13.6



REPORT NUMBER: P1306300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1618.8	1148.2	780.0	478.6	253.2	99.7	13.6
-25°	1598.0	1136.4	768.3	472.5	251.4	100.0	13.6
-27.5°	1571.0	1121.8	753.8	464.9	248.9	100.0	13.6
-30°	1537.6	1102.3	736.8	455.8	245.8	99.9	13.6
-32.5°	1498.0	1078.0	721.3	445.1	242.0	99.6	13.6
-35°	1461.1	1048.7	702.6	432.9	237.7	99.2	13.6
-37.5°	1421.5	1017.3	680.9	419.1	232.7	98.5	13.6
-40°	1375.6	987.0	656.1	403.9	227.1	97.7	13.6
-42.5°	1323.3	952.6	633.1	388.1	220.9	96.6	13.6
-45°	1264.8	914.1	612.4	372.5	214.2	95.4	13.6
-47.5°	1200.2	871.5	589.2	355.3	206.8	94.0	13.6
-50°	1141.5	825.1	563.7	343.1	198.9	92.5	13.6
-52.5°	1079.8	774.8	535.8	331.8	190.5	90.8	13.6
-55°	1013.3	733.4	505.6	319.3	181.6	88.9	13.6
-57.5°	942.2	691.4	473.3	305.5	172.1	86.8	13.6
-60°	868.9	646.5	439.6	290.6	162.2	84.6	13.6
-62.5°	809.1	598.9	416.2	274.6	157.1	82.2	13.6
-65°	746.0	548.7	391.2	257.5	151.7	79.7	13.6
-67.5°	679.6	504.3	364.7	239.4	145.9	77.0	13.6
-70°	610.3	465.9	336.7	220.5	139.8	74.2	13.6
-72.5°	555.3	425.7	307.4	208.7	133.4	71.3	13.6
-75°	500.4	383.7	276.9	198.2	126.7	68.2	13.6
-77.5°	443.5	340.3	258.3	187.3	119.7	65.0	13.6
-80°	384.9	310.5	242.0	175.9	112.6	61.8	13.6
-82.5°	352.3	287.9	225.1	164.1	105.2	58.4	13.6
-85°	322.6	264.6	207.7	152.0	97.6	54.9	13.6
-87.5°	292.2	240.7	189.8	139.5	89.8	51.4	13.6
-90°	15.6	15.6	15.6	15.6	15.6	14.6	13.6

(END OF REPORT)