

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: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-70-5S-CV5-A**

Issue Date: 2/3/2026

Test Information

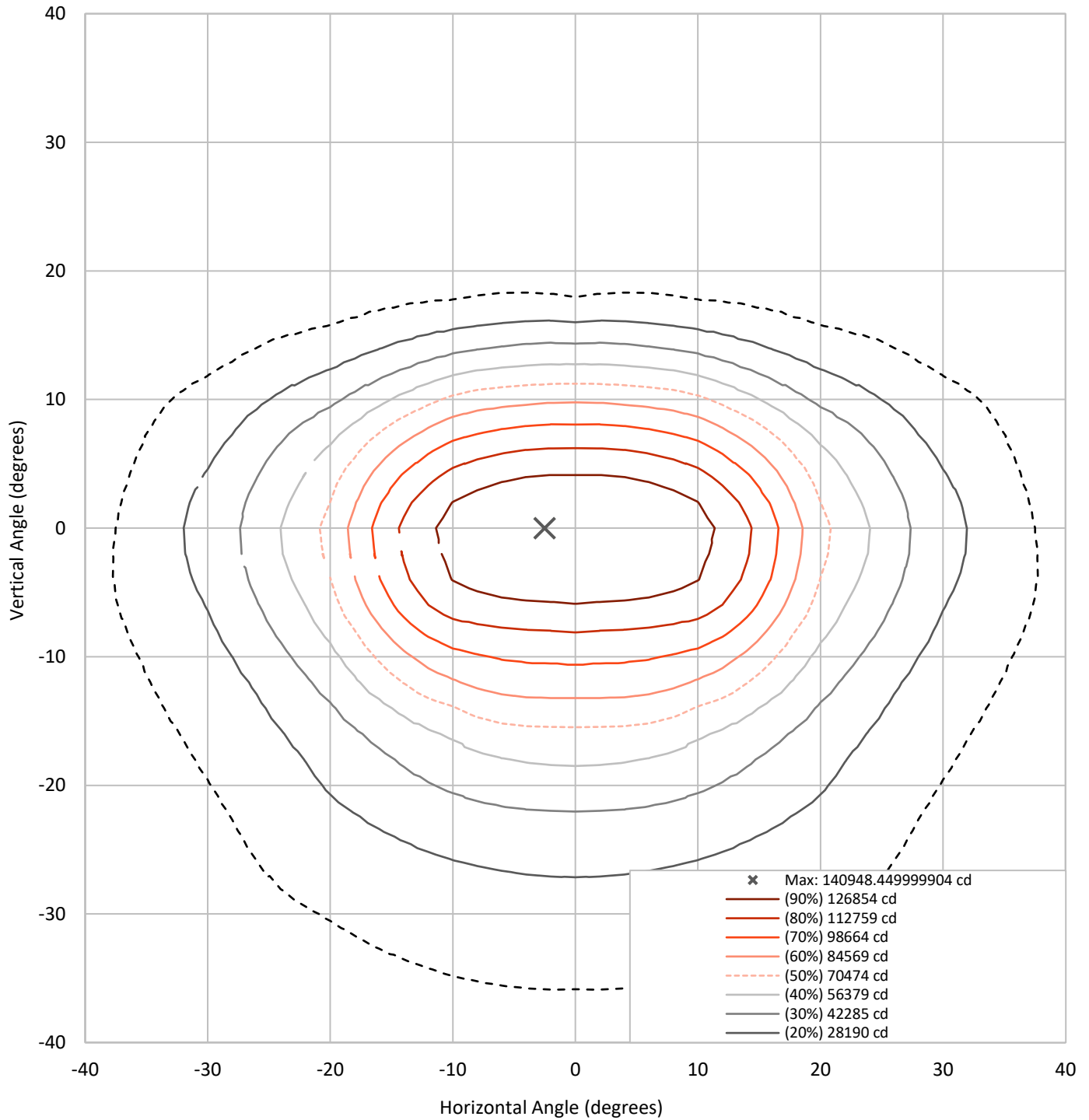
Test Method: LM-79-08
Report Number: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-70-5S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	55851.7 lumens	Max Intensity:	140948.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	81.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	27681.3 lumens	Field Lumens:	50066.8 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%
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: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

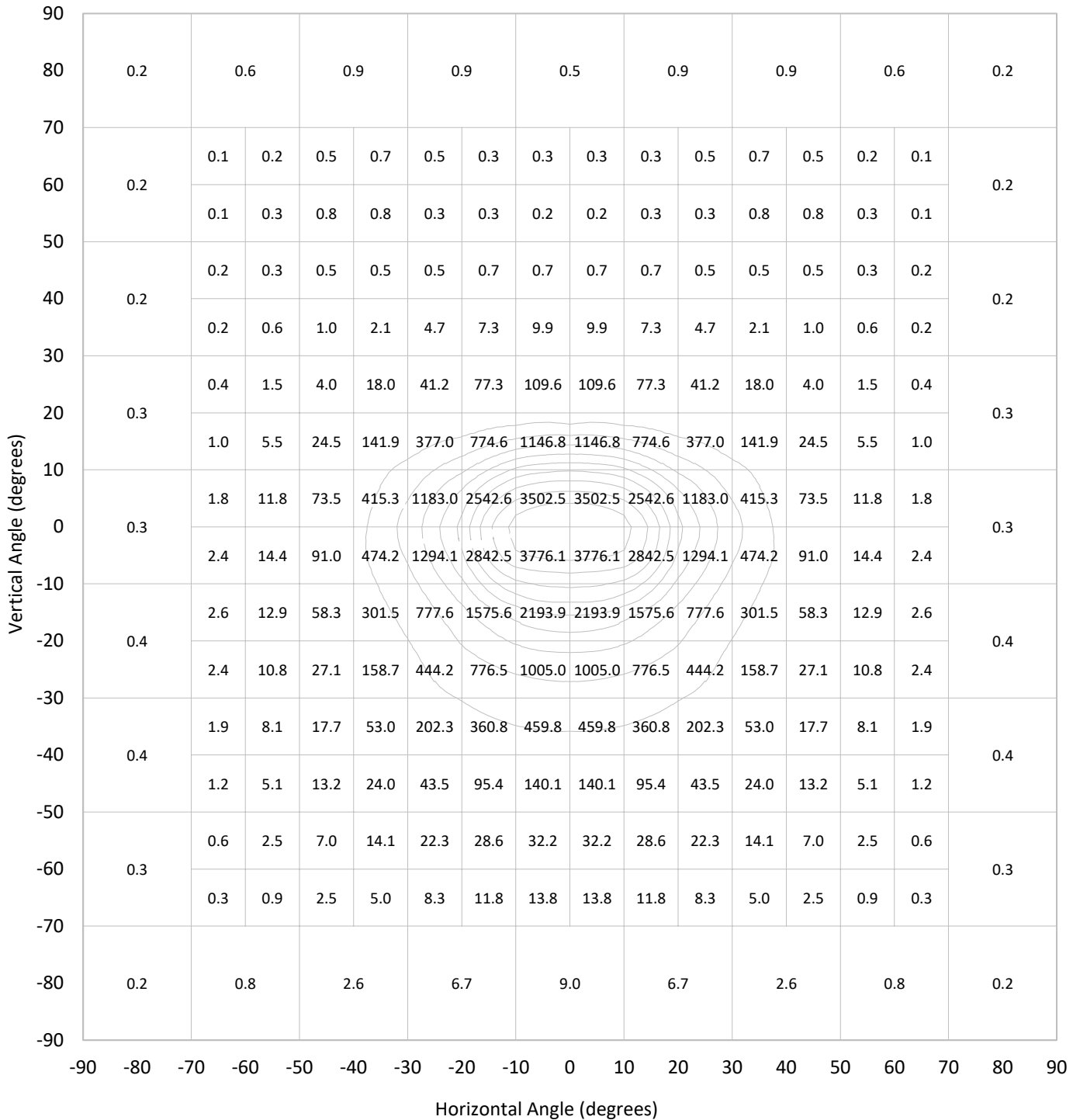
Iso-Candela Plot





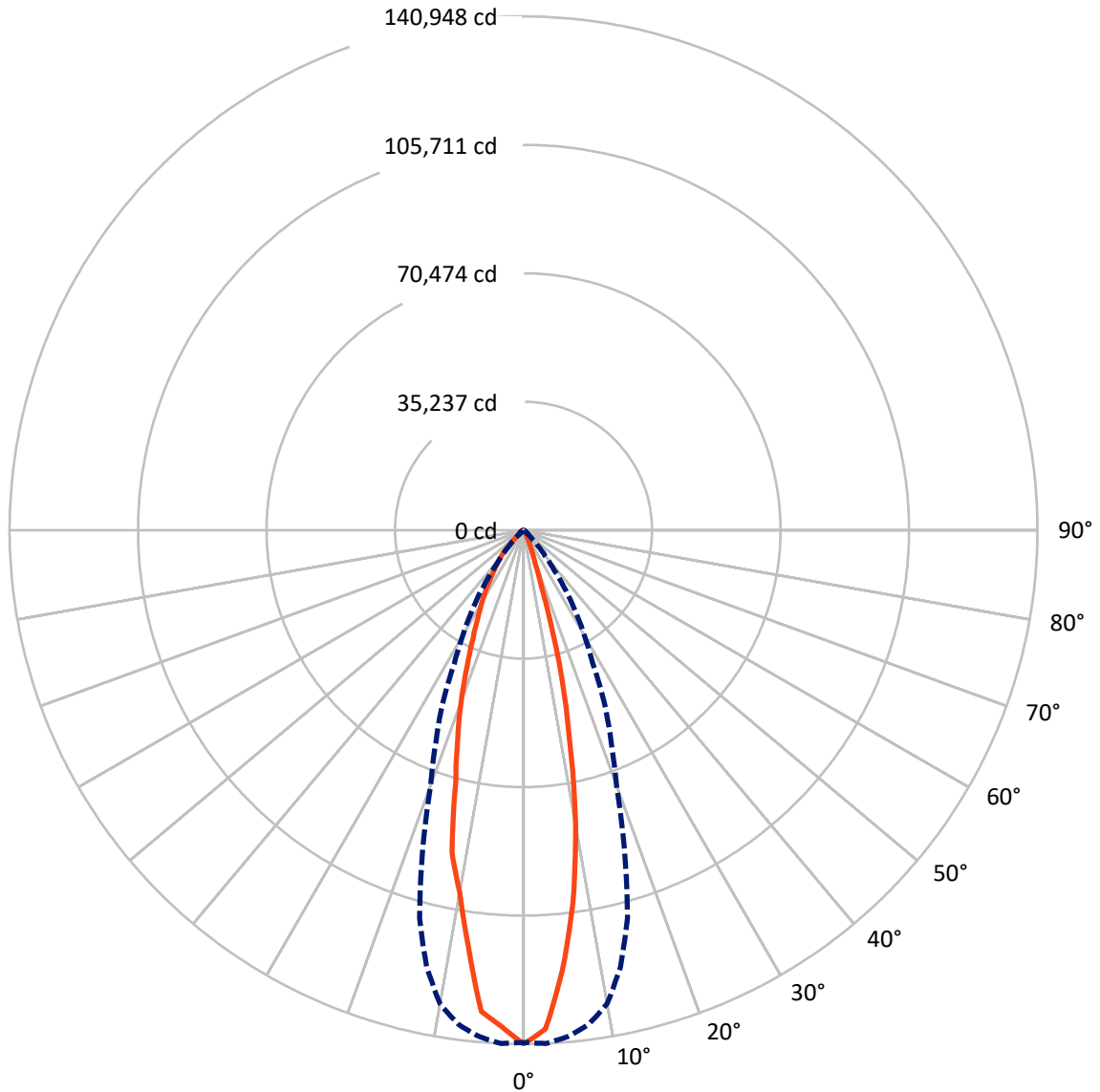
REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

Lumen Table



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

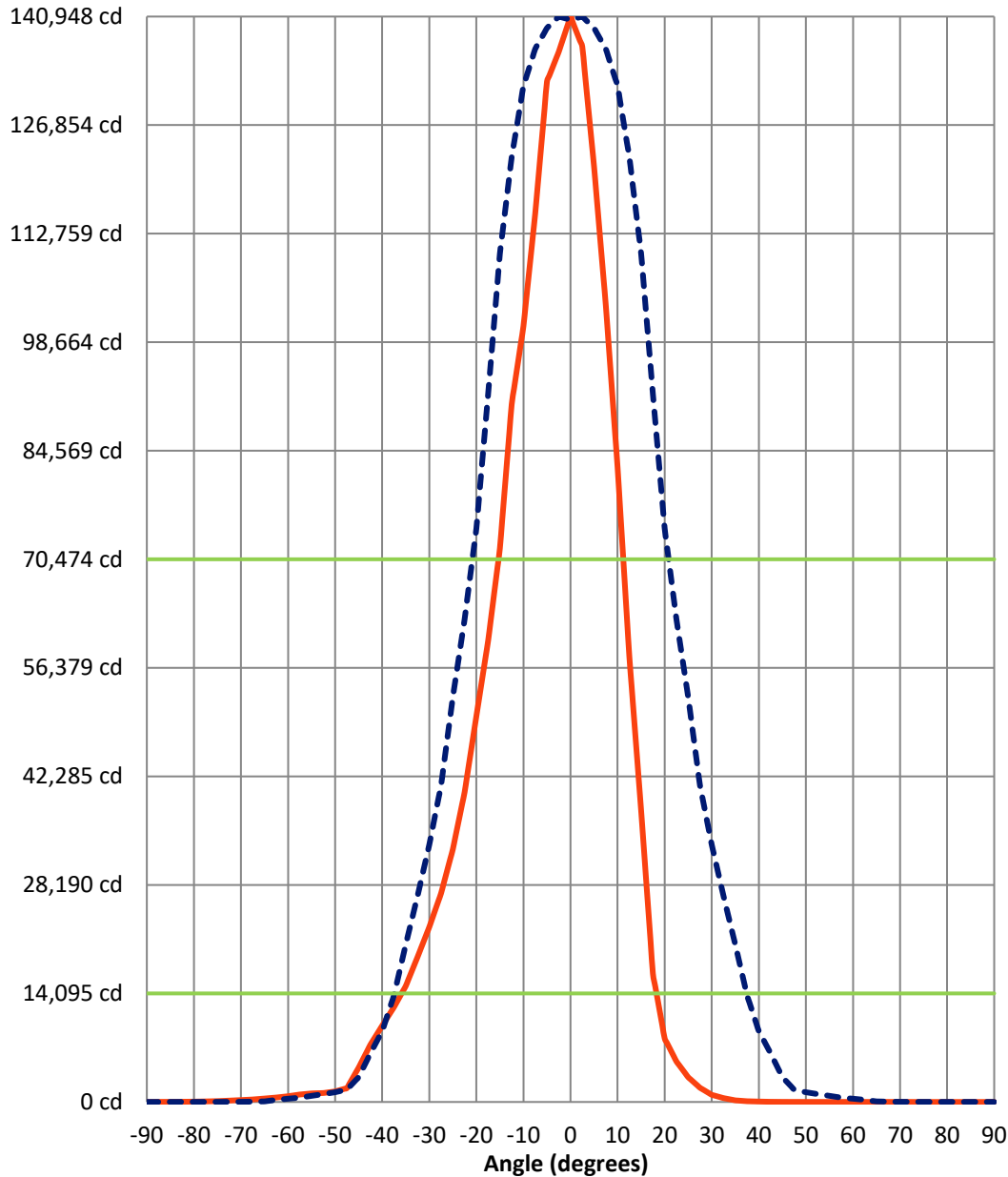
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

Luminous Intensity Plot



Beam:
 H Angle: 41.7°
 V Angle: 26.5°
 Lumens: 27681.3
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 50066.8
 Efficiency: 89.6%

Spill:
 Lumens: 5784.9
 Efficiency: 10.4%

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



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.8	8.9	9.0	9.1	9.1	9.1	9.0	8.8	8.6
85°	8.6	8.7	9.0	9.1	9.3	9.5	9.7	9.6	9.3	9.0	8.6
82.5°	8.6	8.7	9.1	9.4	9.7	10.0	10.2	10.0	9.7	9.4	9.2
80°	8.6	8.8	9.3	9.7	10.1	10.4	10.7	10.3	10.1	10.0	10.1
77.5°	8.6	8.8	9.5	10.0	10.4	10.7	10.7	10.5	10.4	10.6	10.7
75°	8.6	8.9	9.6	10.2	10.7	10.7	10.7	10.6	10.7	10.7	10.7
72.5°	8.6	8.9	9.8	10.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7
70°	8.6	8.9	9.9	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
67.5°	8.6	9.0	10.1	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
65°	8.6	9.0	10.2	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
62.5°	8.6	9.0	10.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
60°	8.6	9.1	10.4	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
57.5°	8.6	9.1	10.4	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
55°	8.6	9.1	10.4	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
52.5°	8.6	9.1	10.4	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
50°	8.6	9.1	10.3	10.7	10.7	10.7	10.7	10.8	10.7	10.7	11.3
47.5°	8.6	9.1	10.3	10.7	10.7	10.7	10.7	11.0	10.7	10.7	12.0
45°	8.6	9.1	10.3	10.7	10.7	10.7	10.9	11.2	10.9	11.3	12.7
42.5°	8.6	9.1	10.3	10.7	10.7	10.7	11.1	11.4	11.2	11.9	13.5
40°	8.6	9.1	10.3	10.7	10.7	10.7	11.3	11.7	11.6	12.5	14.2
37.5°	8.6	9.1	10.4	10.7	10.7	10.7	11.6	12.0	12.4	13.3	14.8
35°	8.6	9.1	10.4	10.7	10.7	10.8	11.9	12.4	13.1	14.3	15.2
32.5°	8.6	9.1	10.4	10.7	10.7	11.1	12.2	12.9	13.9	15.3	16.5
30°	8.6	9.1	10.4	10.7	10.7	11.3	12.5	13.4	14.6	16.4	18.1
27.5°	8.6	9.0	10.4	10.7	10.7	11.5	12.9	14.0	15.4	17.5	20.0
25°	8.6	9.0	10.5	10.7	10.7	11.8	13.3	14.6	16.3	18.9	22.1
22.5°	8.6	9.0	10.5	10.7	10.7	12.0	13.7	15.1	17.2	20.5	26.0
20°	8.6	8.9	10.5	10.7	10.7	12.2	14.1	15.7	18.1	22.3	30.4
17.5°	8.6	8.9	10.6	10.7	10.7	12.3	14.4	16.2	19.0	24.1	35.1
15°	8.6	8.9	10.6	10.7	10.7	12.4	14.5	16.6	20.0	26.0	40.2
12.5°	8.6	8.8	10.6	10.7	10.7	12.5	14.7	16.7	20.7	27.9	45.5
10°	8.6	8.8	10.6	10.7	10.7	12.6	14.8	16.9	21.4	30.4	51.3
7.5°	8.6	8.7	10.7	10.7	10.7	12.7	14.9	17.0	22.0	33.0	58.1
5°	8.6	8.7	10.7	10.7	10.7	12.8	14.9	17.0	22.6	35.7	64.8
2.5°	8.6	8.6	10.7	10.7	10.7	12.8	15.0	17.1	23.1	38.2	71.2
0°	8.6	8.6	10.7	10.7	10.7	12.8	15.0	17.1	23.5	40.6	77.0
-2.5°	8.6	8.6	10.7	10.7	10.9	13.0	15.3	19.1	29.3	51.0	94.0
-5°	8.6	8.7	10.7	10.7	11.1	13.2	15.5	21.0	34.7	60.9	109.9
-7.5°	8.6	8.7	10.7	10.7	11.2	13.4	15.7	22.7	39.8	70.0	124.3
-10°	8.6	8.8	10.6	10.7	11.4	13.6	15.9	24.2	44.1	78.1	136.8
-12.5°	8.6	8.8	10.6	10.7	11.5	13.7	16.1	25.3	47.7	84.9	146.5
-15°	8.6	8.9	10.6	10.7	11.6	13.9	16.2	26.1	50.7	90.7	153.6
-17.5°	8.6	8.9	10.6	10.7	11.7	14.0	16.3	27.3	53.3	94.9	158.4
-20°	8.6	8.9	10.5	10.7	11.8	14.0	16.8	28.8	54.8	97.3	160.7



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.6	9.0	10.5	10.7	11.8	14.1	17.8	29.8	55.3	98.0	160.3
-25°	8.6	9.0	10.5	10.7	11.8	14.1	18.5	30.3	54.6	96.6	157.0
-27.5°	8.6	9.0	10.4	10.7	11.8	14.2	18.8	30.2	52.7	94.1	155.1
-30°	8.6	9.1	10.4	10.7	11.7	14.1	18.6	29.6	51.5	91.8	150.6
-32.5°	8.6	9.1	10.4	10.7	11.6	13.9	18.1	29.4	50.7	87.7	143.3
-35°	8.6	9.1	10.4	10.7	11.4	13.6	17.7	28.9	49.1	81.9	133.1
-37.5°	8.6	9.1	10.4	10.7	11.3	13.3	17.4	27.6	46.7	74.4	119.3
-40°	8.6	9.1	10.3	10.7	11.1	13.1	16.8	25.7	43.4	69.4	106.2
-42.5°	8.6	9.1	10.3	10.7	11.1	12.9	16.2	23.1	40.1	63.1	92.2
-45°	8.6	9.1	10.3	10.8	11.1	12.6	15.3	20.8	36.3	56.0	78.3
-47.5°	8.6	9.1	10.3	10.8	11.2	12.4	14.3	19.6	31.6	48.1	69.4
-50°	8.6	9.1	10.3	10.8	11.3	12.1	13.9	18.2	25.5	41.2	59.7
-52.5°	8.6	9.1	10.4	10.9	11.3	11.8	13.5	16.5	22.1	33.9	49.5
-55°	8.6	9.1	10.4	10.9	11.4	11.8	13.2	14.8	19.8	26.1	40.7
-57.5°	8.6	9.1	10.4	10.9	11.4	11.9	12.8	14.4	17.4	22.3	31.5
-60°	8.6	9.1	10.4	10.9	11.5	11.9	12.4	13.9	15.4	19.5	24.0
-62.5°	8.6	9.0	10.3	10.8	11.4	12.0	12.5	13.4	14.8	16.7	20.9
-65°	8.6	9.0	10.2	10.8	11.3	12.0	12.5	13.0	14.2	15.6	17.7
-67.5°	8.6	9.0	10.1	10.8	11.2	11.9	12.6	13.0	13.6	14.9	16.2
-70°	8.6	8.9	9.9	10.7	11.0	11.7	12.6	12.9	13.4	14.2	15.4
-72.5°	8.6	8.9	9.8	10.5	10.9	11.4	12.2	12.8	13.1	13.7	14.6
-75°	8.6	8.9	9.6	10.2	10.7	11.1	11.8	12.3	12.8	13.2	13.8
-77.5°	8.6	8.8	9.5	10.0	10.4	10.8	11.3	11.7	12.2	12.6	13.0
-80°	8.6	8.8	9.3	9.7	10.1	10.4	10.8	11.1	11.5	11.8	12.1
-82.5°	8.6	8.7	9.1	9.4	9.7	10.0	10.2	10.5	10.7	11.0	11.3
-85°	8.6	8.7	9.0	9.1	9.3	9.5	9.7	9.9	10.0	10.2	10.4
-87.5°	8.6	8.6	8.8	8.9	9.0	9.1	9.1	9.2	9.3	9.4	9.5
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	9.2	9.1	8.9	8.6	8.6	8.6	8.6	8.8	8.9	8.9	8.8
80°	10.0	9.7	9.4	9.3	9.5	9.8	10.1	10.3	10.2	9.7	9.2
77.5°	10.4	10.2	10.2	10.4	10.7	10.7	10.7	10.7	10.3	9.8	9.3
75°	10.6	10.7	10.7	10.7	10.7	10.7	10.7	11.1	11.2	11.1	10.9
72.5°	10.7	10.7	10.7	10.7	10.8	11.1	11.6	12.4	12.8	12.7	12.6
70°	10.7	10.7	10.7	10.7	10.8	11.6	12.6	13.7	14.5	14.8	15.6
67.5°	10.7	10.7	10.7	10.8	11.6	12.8	13.9	16.0	18.5	19.6	21.0
65°	10.7	10.7	11.0	11.7	12.7	14.3	16.5	19.4	25.0	28.2	29.5
62.5°	10.7	10.9	11.4	12.4	13.8	15.8	20.0	26.2	34.2	38.8	38.4
60°	10.7	11.0	12.0	13.4	15.1	18.3	24.3	32.6	43.4	51.3	46.3
57.5°	10.7	11.4	12.9	14.8	17.2	20.1	27.8	38.2	48.9	60.6	51.7
55°	11.0	12.2	14.1	16.8	19.2	21.8	29.2	38.4	50.4	56.8	48.3
52.5°	11.8	13.2	15.9	18.5	20.9	22.5	26.0	34.7	41.2	45.9	41.2
50°	12.6	14.8	17.5	19.6	21.3	21.3	20.4	27.1	32.3	33.8	33.4
47.5°	13.7	16.3	18.2	20.1	20.5	20.0	18.0	21.2	24.8	26.4	25.3
45°	14.9	17.1	18.9	19.6	20.0	19.2	18.5	17.6	21.5	22.3	21.3
42.5°	15.8	17.7	19.1	19.3	20.2	20.5	20.5	19.8	20.3	20.8	20.6
40°	16.3	18.2	19.5	21.1	21.5	23.4	24.7	24.5	20.9	23.1	23.5
37.5°	16.8	18.9	21.1	25.5	24.9	28.0	30.2	33.3	30.4	28.5	31.9
35°	17.2	19.7	26.9	32.1	32.3	34.2	41.7	45.3	43.0	40.7	45.0
32.5°	17.9	20.8	34.4	39.9	43.0	46.0	56.5	58.5	60.5	61.6	65.0
30°	19.8	27.7	43.1	48.7	55.4	66.8	72.5	74.2	82.0	92.5	121.1
27.5°	23.8	36.8	51.3	60.0	70.6	90.2	97.6	98.6	111.6	138.9	207.5
25°	28.8	58.3	60.2	72.9	92.7	116.2	131.5	146.2	151.1	233.5	397.2
22.5°	40.4	85.8	95.6	86.8	116.3	146.6	179.1	220.4	283.1	378.1	620.9
20°	60.7	116.0	139.6	145.7	153.0	181.1	234.2	317.6	513.4	851.6	1174.0
17.5°	84.1	150.8	189.0	219.9	254.8	266.1	300.5	433.6	804.0	1526.4	2371.5
15°	109.9	189.3	242.2	303.0	367.3	416.8	489.0	696.9	1294.2	2458.5	3909.7
12.5°	137.3	230.5	298.5	392.9	488.1	576.6	712.2	1156.6	2161.4	3776.3	5977.7
10°	165.2	273.4	356.7	487.5	614.8	742.9	943.5	1682.7	3186.8	5180.7	7861.7
7.5°	195.9	315.5	414.6	584.4	744.7	912.7	1178.6	2248.7	4248.8	6478.0	9493.7
5°	225.8	354.8	466.1	662.2	851.0	1059.9	1391.9	2822.6	5302.5	7661.4	10973.3
2.5°	253.6	391.7	515.6	732.8	938.5	1167.6	1509.1	3059.3	5909.1	8534.7	12431.9
0°	277.9	425.5	562.3	797.5	1019.9	1267.9	1612.1	3230.6	6326.5	9204.4	13854.6
-2.5°	288.5	438.4	585.5	817.2	1016.6	1251.9	1612.6	3287.5	6684.2	9999.8	14573.1
-5°	294.9	447.6	604.0	830.0	1008.4	1228.2	1597.0	3262.4	6743.0	10183.6	14289.3
-7.5°	297.7	452.8	617.1	832.8	987.8	1181.3	1525.5	3024.1	6103.7	9340.3	12958.4
-10°	296.9	451.4	611.8	806.8	950.3	1118.8	1430.1	2710.1	5363.8	8388.4	11543.8
-12.5°	291.5	444.2	599.8	778.2	913.6	1053.1	1320.4	2323.6	4552.7	7356.7	10189.8
-15°	283.9	434.0	583.8	748.5	879.7	985.6	1196.9	1867.1	3707.4	6431.2	9102.5
-17.5°	274.4	421.2	564.1	718.7	850.0	917.4	1064.9	1410.4	2951.4	5439.8	8007.7
-20°	263.6	405.9	540.8	689.9	822.5	872.6	994.7	1271.7	2333.7	4335.0	6819.2



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	251.7	388.4	516.4	659.8	782.7	849.3	933.2	1124.8	1664.1	3125.5	5535.8
-25°	244.4	369.8	492.7	620.2	743.2	827.0	870.2	983.9	1258.1	2358.4	4181.9
-27.5°	239.6	351.4	460.7	577.5	704.1	799.4	835.0	913.2	1105.8	1562.8	2909.1
-30°	231.2	323.2	425.9	533.9	656.3	755.6	812.7	858.6	974.9	1225.1	1995.4
-32.5°	214.0	293.2	390.9	493.1	603.6	713.8	795.9	840.2	915.4	1044.9	1303.6
-35°	193.6	268.3	355.2	449.7	549.1	662.3	758.8	831.9	867.5	956.8	1122.6
-37.5°	174.8	241.8	317.8	406.2	499.5	603.8	716.5	798.9	857.8	898.9	1017.2
-40°	154.1	213.5	284.8	363.9	449.5	545.0	649.6	751.6	830.1	898.2	950.8
-42.5°	132.5	188.7	252.3	320.2	400.9	487.3	579.6	681.4	782.5	874.5	945.6
-45°	116.0	162.1	218.9	282.2	351.0	428.8	513.7	602.6	708.1	813.9	906.0
-47.5°	98.4	136.0	187.4	241.8	303.4	371.9	446.3	529.8	619.0	721.3	829.4
-50°	81.8	115.6	153.4	203.5	256.9	316.2	382.0	455.3	535.3	620.3	714.2
-52.5°	69.9	94.1	127.1	165.1	212.3	263.1	320.5	383.5	452.7	525.1	601.4
-55°	57.2	77.9	101.7	133.0	169.3	213.3	261.4	316.5	371.9	436.3	494.6
-57.5°	45.7	62.6	81.4	104.0	133.5	165.6	207.9	251.7	301.5	351.8	394.8
-60°	34.9	48.6	64.5	81.7	100.7	128.4	156.8	193.3	233.6	272.1	309.0
-62.5°	25.0	36.2	49.0	63.1	78.7	94.6	117.9	143.6	169.3	201.6	231.4
-65°	21.5	25.6	35.0	46.8	58.7	73.7	88.4	102.3	123.9	144.9	164.5
-67.5°	17.7	21.2	25.2	31.1	41.9	54.2	66.4	79.5	91.9	102.7	114.8
-70°	16.3	17.0	19.7	23.5	28.2	35.8	46.8	57.7	68.3	78.6	88.3
-72.5°	15.4	16.0	16.5	17.0	20.8	26.0	31.7	37.7	45.2	53.4	62.0
-75°	14.4	14.9	15.4	15.9	17.1	19.0	21.7	26.5	31.2	35.4	39.3
-77.5°	13.4	13.9	14.3	14.7	15.5	16.7	18.3	20.1	22.4	24.9	27.5
-80°	12.5	12.8	13.1	13.4	13.9	14.6	15.4	16.3	17.7	19.5	21.5
-82.5°	11.5	11.7	12.0	12.2	12.4	12.6	12.9	13.3	13.9	14.7	15.6
-85°	10.5	10.7	10.9	11.0	11.2	11.3	11.4	11.6	11.7	11.8	11.9
-87.5°	9.6	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.1	10.2	10.3
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.6	9.1	9.7	10.2	10.7	12.3	13.9	15.5	17.1	16.6	16.0
87.5°	8.6	8.1	7.5	7.0	6.4	5.9	5.4	4.8	4.3	3.8	3.2
85°	8.6	8.4	8.3	8.2	8.2	7.7	7.3	6.8	6.3	5.3	4.2
82.5°	8.6	8.6	8.6	8.6	8.6	8.1	7.5	7.0	6.4	5.4	4.3
80°	8.7	8.6	8.6	8.6	8.6	8.1	7.6	7.0	6.4	5.4	4.3
77.5°	8.9	9.0	9.0	8.9	8.7	8.2	7.6	7.0	6.5	5.5	4.4
75°	10.7	10.4	10.1	9.5	8.8	8.2	7.6	7.1	6.5	5.9	5.3
72.5°	12.5	12.0	11.4	11.1	10.5	10.0	9.6	9.0	8.3	7.8	7.4
70°	16.4	16.8	16.4	15.6	14.3	13.1	12.3	11.4	10.5	9.6	8.7
67.5°	22.2	22.3	21.1	19.5	16.9	14.6	13.5	12.4	11.2	10.6	10.4
65°	29.2	26.6	23.9	21.0	17.8	14.8	13.7	12.5	11.3	10.7	10.7
62.5°	35.5	28.7	23.1	19.6	16.9	14.8	13.2	11.7	10.2	9.2	9.0
60°	38.2	27.2	19.5	17.0	14.9	13.0	11.5	10.3	9.3	8.5	8.0
57.5°	38.2	25.9	16.5	14.3	12.5	11.2	10.4	9.8	9.2	8.5	7.9
55°	34.8	23.0	13.6	12.3	11.7	11.1	10.5	9.9	9.3	8.6	8.0
52.5°	28.4	20.2	14.5	12.4	11.8	11.2	10.6	10.0	9.4	8.7	8.1
50°	24.7	18.5	14.7	12.6	12.0	11.4	10.8	10.6	10.6	10.1	9.7
47.5°	21.4	16.9	14.6	12.9	12.7	13.5	14.3	14.4	14.1	13.6	13.1
45°	18.7	16.3	15.2	15.9	16.5	17.8	18.5	18.6	18.6	18.7	18.6
42.5°	18.6	18.7	19.9	22.1	21.9	24.7	26.0	23.0	26.3	28.1	26.5
40°	24.6	25.2	31.1	35.9	40.3	41.0	48.0	48.9	49.9	52.8	53.4
37.5°	36.0	42.3	60.6	74.3	80.0	80.5	90.6	92.7	89.8	102.1	105.7
35°	55.2	83.7	113.2	130.4	139.9	147.1	160.8	176.6	169.2	196.4	205.9
32.5°	99.0	151.2	204.9	202.9	221.1	269.9	288.0	316.7	346.7	392.5	442.7
30°	166.5	307.5	369.7	347.0	398.4	468.0	468.5	548.4	659.9	754.5	897.1
27.5°	375.1	533.0	614.3	650.8	689.7	777.6	886.6	988.3	1271.9	1465.7	1669.5
25°	636.8	854.8	941.9	1077.2	1200.0	1281.6	1611.0	1851.3	2258.9	2554.7	2860.9
22.5°	1026.9	1315.0	1495.5	1617.9	2031.7	2399.5	2751.4	3275.0	3679.7	4187.2	4569.5
20°	1515.2	1904.4	2567.2	3087.4	3347.3	4128.6	4765.1	5306.2	6024.1	6653.4	7213.2
17.5°	2859.1	3077.7	4462.6	5818.0	6365.8	7376.1	9206.1	9896.5	11963.4	13476.8	14294.1
15°	5176.9	6234.4	7693.1	9952.5	12459.0	14439.0	16173.7	19726.1	23669.7	27165.5	30846.2
12.5°	8186.3	10254.4	12709.3	15473.1	19989.1	23572.7	27411.1	32487.8	38858.4	44403.0	50925.8
10°	11201.0	14695.5	18088.9	22395.7	28100.1	33633.0	39161.5	47202.3	56560.2	65544.9	73313.3
7.5°	13693.7	18431.2	23029.8	28984.0	36753.8	44462.5	52189.4	62824.4	75200.8	85455.0	94270.3
5°	16230.7	22163.7	27558.1	34425.0	43569.5	52958.3	62628.1	75888.9	90507.6	102118.8	111214.1
2.5°	18560.4	25283.2	31527.0	39183.9	49367.3	58553.3	69560.5	85839.9	103259.1	115785.3	125812.0
0°	20442.0	26742.9	33413.6	41119.2	52553.5	62679.4	74475.1	91932.3	110159.3	122674.4	131926.9
-2.5°	20037.0	26410.1	32647.0	40475.9	51955.4	61277.5	73219.1	90395.3	108403.5	121118.8	129428.9
-5°	18772.6	24413.3	30013.2	37365.8	47460.5	56544.3	68238.9	85894.5	103168.3	116134.6	125696.7
-7.5°	16903.0	21692.3	26771.5	33471.3	42258.2	50947.7	61119.4	75190.1	91312.5	103041.0	109971.8
-10°	14934.7	18900.0	23656.7	29318.6	36570.6	44375.4	52822.7	64094.4	77870.6	88156.1	94731.3
-12.5°	13209.3	16644.9	20888.4	25075.9	30992.7	37943.9	45444.9	54668.7	63759.0	74605.2	80289.7
-15°	11620.0	14483.7	18130.1	22145.1	27061.9	32525.2	37899.9	44806.2	50725.8	57500.8	62423.1
-17.5°	10290.3	12577.3	15808.2	19699.3	23401.4	28105.9	33234.9	37913.1	42917.9	47808.6	51890.5
-20°	9088.6	10975.6	13730.4	17156.3	20803.8	24804.3	29330.3	33138.3	37227.9	40944.3	44137.0



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7722.9	9636.3	11769.8	14701.0	18354.0	21940.5	25292.0	28169.9	31260.2	34263.3	36530.3
-25°	6301.6	8138.0	10180.6	12946.9	15939.3	18957.2	21330.7	23356.9	25769.1	27933.2	29878.6
-27.5°	4831.9	6789.9	8992.9	11303.5	13906.4	15824.1	17821.6	19654.1	21487.3	22943.3	24586.3
-30°	3359.2	5495.6	7662.4	9849.3	11632.2	13163.0	14652.8	16333.2	17992.0	19375.9	20535.5
-32.5°	2306.8	3848.0	6034.4	8068.1	9592.0	10893.1	12043.7	13476.7	14762.1	15901.0	16915.6
-35°	1385.5	2471.2	3972.6	5905.3	7572.7	8838.6	10010.6	11097.1	12056.5	13015.8	13779.0
-37.5°	1186.9	1427.4	2338.1	3623.2	5210.1	6741.9	7946.1	8963.1	9857.1	10595.8	11243.4
-40°	1068.8	1211.0	1410.1	1848.6	3017.1	4187.0	5501.2	6660.4	7603.4	8297.3	8860.8
-42.5°	999.1	1090.3	1187.7	1343.9	1517.6	2072.9	3078.4	4038.9	4867.6	5636.2	6296.0
-45°	987.2	1025.8	1078.3	1166.3	1246.5	1390.4	1547.5	1701.1	2353.0	2970.8	3477.6
-47.5°	913.3	992.0	1040.0	1079.6	1121.5	1189.6	1256.0	1327.1	1445.6	1556.9	1652.4
-50°	805.4	890.1	962.7	1033.8	1071.1	1098.7	1126.1	1161.4	1207.7	1249.9	1288.7
-52.5°	673.0	754.5	836.0	911.7	970.9	1025.2	1074.2	1097.1	1114.5	1130.4	1142.9
-55°	555.4	619.8	684.0	753.1	821.5	886.6	942.8	979.9	1013.3	1042.9	1068.2
-57.5°	444.6	494.8	547.0	603.3	657.9	710.3	760.4	806.0	846.5	881.8	911.4
-60°	344.5	378.2	421.9	466.5	509.0	549.3	589.9	626.7	660.1	689.4	712.4
-62.5°	258.5	286.6	319.7	351.2	379.0	409.1	446.9	478.7	504.7	525.7	544.2
-65°	185.7	209.1	235.8	262.2	288.1	313.8	340.3	365.8	390.1	409.6	423.3
-67.5°	131.8	148.4	167.2	183.6	202.9	225.4	249.4	271.3	291.3	305.1	313.4
-70°	97.2	106.9	120.4	136.1	152.4	167.4	182.6	197.8	212.8	223.4	231.4
-72.5°	70.9	80.5	90.5	100.6	111.5	122.6	133.7	145.0	156.3	163.3	168.1
-75°	42.9	48.6	57.3	65.8	74.0	81.7	88.9	95.7	102.1	105.4	107.5
-77.5°	30.8	34.8	39.1	43.5	48.0	52.5	57.1	61.6	66.1	68.1	69.6
-80°	23.5	25.8	28.2	30.8	33.4	36.1	38.9	41.7	44.5	44.9	45.0
-82.5°	16.7	18.3	20.0	21.6	23.2	24.7	26.2	27.6	29.0	29.3	29.5
-85°	12.0	13.0	14.1	15.1	16.3	17.4	18.6	19.8	20.9	21.1	21.2
-87.5°	10.3	10.9	11.5	12.0	12.6	13.3	13.9	14.5	15.1	15.0	15.0
-90°	8.6	8.1	7.5	7.0	6.4	5.9	5.4	4.8	4.3	3.8	3.2



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.5	15.0	15.0	15.0	15.0	15.0	15.5	16.0	16.6	17.1	15.5
87.5°	2.7	2.1	1.1	0.0	1.1	2.1	2.7	3.2	3.8	4.3	4.8
85°	3.2	2.1	2.1	2.1	2.1	2.1	3.2	4.2	5.3	6.3	6.8
82.5°	3.2	2.1	2.1	2.1	2.1	2.1	3.2	4.3	5.4	6.4	7.0
80°	3.2	2.1	2.1	2.1	2.1	2.1	3.2	4.3	5.4	6.4	7.0
77.5°	3.3	2.2	2.1	2.1	2.1	2.2	3.3	4.4	5.5	6.5	7.0
75°	4.8	4.3	3.2	2.1	3.2	4.3	4.8	5.3	5.9	6.5	7.1
72.5°	6.9	6.4	6.4	6.4	6.4	6.4	6.9	7.4	7.8	8.3	9.0
70°	7.6	6.5	6.4	6.4	6.4	6.5	7.6	8.7	9.6	10.5	11.4
67.5°	10.5	10.6	9.7	8.6	9.7	10.6	10.5	10.4	10.6	11.2	12.4
65°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	11.3	12.5
62.5°	8.8	8.7	8.6	8.6	8.6	8.7	8.8	9.0	9.2	10.2	11.7
60°	7.4	6.7	6.4	6.4	6.4	6.7	7.4	8.0	8.5	9.3	10.3
57.5°	7.3	6.6	6.4	6.4	6.4	6.6	7.3	7.9	8.5	9.2	9.8
55°	7.3	6.6	6.4	6.4	6.4	6.6	7.3	8.0	8.6	9.3	9.9
52.5°	7.4	6.7	7.2	8.6	7.2	6.7	7.4	8.1	8.7	9.4	10.0
50°	9.2	8.8	8.6	8.6	8.6	8.8	9.2	9.7	10.1	10.6	10.6
47.5°	12.3	11.3	10.7	10.7	10.7	11.3	12.3	13.1	13.6	14.1	14.4
45°	17.5	15.9	14.9	15.0	14.9	15.9	17.5	18.6	18.7	18.6	18.6
42.5°	26.2	25.7	25.4	25.7	25.4	25.7	26.2	26.5	28.1	26.3	23.0
40°	56.3	57.1	56.9	57.7	56.9	57.1	56.3	53.4	52.8	49.9	48.9
37.5°	106.1	102.6	97.2	98.4	97.2	102.6	106.1	105.7	102.1	89.8	92.7
35°	207.0	212.3	212.0	213.8	212.0	212.3	207.0	205.9	196.4	169.2	176.6
32.5°	479.0	504.5	505.1	515.3	505.1	504.5	479.0	442.7	392.5	346.7	316.7
30°	941.1	961.4	930.9	945.0	930.9	961.4	941.1	897.1	754.5	659.9	548.4
27.5°	1775.4	1850.2	1849.5	1817.4	1849.5	1850.2	1775.4	1669.5	1465.7	1271.9	988.3
25°	3118.5	3234.1	3212.7	3175.0	3212.7	3234.1	3118.5	2860.9	2554.7	2258.9	1851.3
22.5°	4916.8	5107.8	5260.7	5161.3	5260.7	5107.8	4916.8	4569.5	4187.2	3679.7	3275.0
20°	8036.6	8091.2	8253.5	8195.2	8253.5	8091.2	8036.6	7213.2	6653.4	6024.1	5306.2
17.5°	16508.5	17100.8	16688.7	15434.7	16688.7	17100.8	16508.5	14294.1	13476.8	11963.4	9896.5
15°	33431.5	35913.8	37841.3	36783.2	37841.3	35913.8	33431.5	30846.2	27165.5	23669.7	19726.1
12.5°	54748.4	56580.0	57805.5	57895.5	57805.5	56580.0	54748.4	50925.8	44403.0	38858.4	32487.8
10°	78581.3	80199.7	82367.7	82672.4	82367.7	80199.7	78581.3	73313.3	65544.9	56560.2	47202.3
7.5°	98645.3	101927.3	103446.8	103242.7	103446.8	101927.3	98645.3	94270.3	85455.0	75200.8	62824.4
5°	116589.2	119989.4	121478.8	121726.2	121478.8	119989.4	116589.2	111214.1	102118.8	90507.6	75888.9
2.5°	131818.0	135250.8	137040.2	136549.4	137040.2	135250.8	131818.0	125812.0	115785.3	103259.1	85839.9
0°	136745.0	139448.6	140948.4	140536.9	140948.4	139448.6	136745.0	131926.9	122674.4	110159.3	91932.3
-2.5°	133612.9	135242.0	136372.4	135935.8	136372.4	135242.0	133612.9	129428.9	121118.8	108403.5	90395.3
-5°	130141.9	132075.0	132497.8	133015.2	132497.8	132075.0	130141.9	125696.7	116134.6	103168.3	85894.5
-7.5°	112608.2	114676.1	115359.0	116393.9	115359.0	114676.1	112608.2	109971.8	103041.0	91312.5	75190.1
-10°	98309.1	100628.4	100740.2	101378.3	100740.2	100628.4	98309.1	94731.3	88156.1	77870.6	64094.4
-12.5°	86331.7	89523.3	90582.2	90328.8	90582.2	89523.3	86331.7	80289.7	74605.2	63759.0	54668.7
-15°	68976.4	71702.7	71897.3	72024.8	71897.3	71702.7	68976.4	62423.1	57500.8	50725.8	44806.2
-17.5°	56222.0	58871.3	59892.6	60209.9	59892.6	58871.3	56222.0	51890.5	47808.6	42917.9	37913.1
-20°	46877.6	48850.0	50097.6	50614.3	50097.6	48850.0	46877.6	44137.0	40944.3	37227.9	33138.3



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	38511.9	39762.2	40218.1	40332.4	40218.1	39762.2	38511.9	36530.3	34263.3	31260.2	28169.9
-25°	31245.2	32238.3	32815.6	33056.6	32815.6	32238.3	31245.2	29878.6	27933.2	25769.1	23356.9
-27.5°	25651.9	26535.7	27091.4	27176.9	27091.4	26535.7	25651.9	24586.3	22943.3	21487.3	19654.1
-30°	21423.3	22199.5	22718.8	22860.1	22718.8	22199.5	21423.3	20535.5	19375.9	17992.0	16333.2
-32.5°	17751.4	18415.7	18823.1	18998.8	18823.1	18415.7	17751.4	16915.6	15901.0	14762.1	13476.7
-35°	14348.7	14795.3	15056.3	14970.7	15056.3	14795.3	14348.7	13779.0	13015.8	12056.5	11097.1
-37.5°	11762.8	12122.0	12317.6	12328.1	12317.6	12122.0	11762.8	11243.4	10595.8	9857.1	8963.1
-40°	9327.6	9692.6	9912.5	9924.9	9912.5	9692.6	9327.6	8860.8	8297.3	7603.4	6660.4
-42.5°	6820.7	7194.4	7449.6	7615.8	7449.6	7194.4	6820.7	6296.0	5636.2	4867.6	4038.9
-45°	3900.5	4223.3	4469.4	4648.1	4469.4	4223.3	3900.5	3477.6	2970.8	2353.0	1701.1
-47.5°	1723.8	1776.1	1799.0	1791.7	1799.0	1776.1	1723.8	1652.4	1556.9	1445.6	1327.1
-50°	1324.3	1355.3	1370.9	1370.5	1370.9	1355.3	1324.3	1288.7	1249.9	1207.7	1161.4
-52.5°	1152.7	1160.5	1165.1	1167.4	1165.1	1160.5	1152.7	1142.9	1130.4	1114.5	1097.1
-55°	1089.0	1105.3	1111.5	1109.7	1111.5	1105.3	1089.0	1068.2	1042.9	1013.3	979.9
-57.5°	936.6	956.8	970.2	977.1	970.2	956.8	936.6	911.4	881.8	846.5	806.0
-60°	729.7	741.7	749.3	752.6	749.3	741.7	729.7	712.4	689.4	660.1	626.7
-62.5°	560.5	574.2	581.0	583.7	581.0	574.2	560.5	544.2	525.7	504.7	478.7
-65°	435.3	445.3	450.8	453.3	450.8	445.3	435.3	423.3	409.6	390.1	365.8
-67.5°	319.7	324.1	326.4	327.1	326.4	324.1	319.7	313.4	305.1	291.3	271.3
-70°	238.7	245.3	249.4	252.3	249.4	245.3	238.7	231.4	223.4	212.8	197.8
-72.5°	172.2	175.6	178.0	179.6	178.0	175.6	172.2	168.1	163.3	156.3	145.0
-75°	109.1	110.3	111.0	111.2	111.0	110.3	109.1	107.5	105.4	102.1	95.7
-77.5°	71.0	72.1	73.6	74.8	73.6	72.1	71.0	69.6	68.1	66.1	61.6
-80°	44.9	44.7	44.8	44.9	44.8	44.7	44.9	45.0	44.9	44.5	41.7
-82.5°	29.7	29.8	29.9	29.9	29.9	29.8	29.7	29.5	29.3	29.0	27.6
-85°	21.3	21.4	21.4	21.4	21.4	21.4	21.3	21.2	21.1	20.9	19.8
-87.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.1	14.5
-90°	2.6	2.1	1.0	0.0	1.0	2.1	2.7	3.2	3.8	4.3	4.8



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.9	12.3	10.7	10.2	9.7	9.1	8.6	8.6	8.6	8.6	8.6
87.5°	5.4	5.9	6.4	7.0	7.5	8.1	8.6	8.6	8.6	8.6	8.6
85°	7.3	7.7	8.2	8.2	8.3	8.4	8.6	8.6	8.6	8.6	8.6
82.5°	7.5	8.1	8.6	8.6	8.6	8.6	8.6	8.8	8.9	8.9	8.8
80°	7.6	8.1	8.6	8.6	8.6	8.6	8.7	9.2	9.7	10.2	10.3
77.5°	7.6	8.2	8.7	8.9	9.0	9.0	8.9	9.3	9.8	10.3	10.7
75°	7.6	8.2	8.8	9.5	10.1	10.4	10.7	10.9	11.1	11.2	11.1
72.5°	9.6	10.0	10.5	11.1	11.4	12.0	12.5	12.6	12.7	12.8	12.4
70°	12.3	13.1	14.3	15.6	16.4	16.8	16.4	15.6	14.8	14.5	13.7
67.5°	13.5	14.6	16.9	19.5	21.1	22.3	22.2	21.0	19.6	18.5	16.0
65°	13.7	14.8	17.8	21.0	23.9	26.6	29.2	29.5	28.2	25.0	19.4
62.5°	13.2	14.8	16.9	19.6	23.1	28.7	35.5	38.4	38.8	34.2	26.2
60°	11.5	13.0	14.9	17.0	19.5	27.2	38.2	46.3	51.3	43.4	32.6
57.5°	10.4	11.2	12.5	14.3	16.5	25.9	38.2	51.7	60.6	48.9	38.2
55°	10.5	11.1	11.7	12.3	13.6	23.0	34.8	48.3	56.8	50.4	38.4
52.5°	10.6	11.2	11.8	12.4	14.5	20.2	28.4	41.2	45.9	41.2	34.7
50°	10.8	11.4	12.0	12.6	14.7	18.5	24.7	33.4	33.8	32.3	27.1
47.5°	14.3	13.5	12.7	12.9	14.6	16.9	21.4	25.3	26.4	24.8	21.2
45°	18.5	17.8	16.5	15.9	15.2	16.3	18.7	21.3	22.3	21.5	17.6
42.5°	26.0	24.7	21.9	22.1	19.9	18.7	18.6	20.6	20.8	20.3	19.8
40°	48.0	41.0	40.3	35.9	31.1	25.2	24.6	23.5	23.1	20.9	24.5
37.5°	90.6	80.5	80.0	74.3	60.6	42.3	36.0	31.9	28.5	30.4	33.3
35°	160.8	147.1	139.9	130.4	113.2	83.7	55.2	45.0	40.7	43.0	45.3
32.5°	288.0	269.9	221.1	202.9	204.9	151.2	99.0	65.0	61.6	60.5	58.5
30°	468.5	468.0	398.4	347.0	369.7	307.5	166.5	121.1	92.5	82.0	74.2
27.5°	886.6	777.6	689.7	650.8	614.3	533.0	375.1	207.5	138.9	111.6	98.6
25°	1611.0	1281.6	1200.0	1077.2	941.9	854.8	636.8	397.2	233.5	151.1	146.2
22.5°	2751.4	2399.5	2031.7	1617.9	1495.5	1315.0	1026.9	620.9	378.1	283.1	220.4
20°	4765.1	4128.6	3347.3	3087.4	2567.2	1904.4	1515.2	1174.0	851.6	513.4	317.6
17.5°	9206.1	7376.1	6365.8	5818.0	4462.6	3077.7	2859.1	2371.5	1526.4	804.0	433.6
15°	16173.7	14439.0	12459.0	9952.5	7693.1	6234.4	5176.9	3909.7	2458.5	1294.2	696.9
12.5°	27411.1	23572.7	19989.1	15473.1	12709.3	10254.4	8186.3	5977.7	3776.3	2161.4	1156.6
10°	39161.5	33633.0	28100.1	22395.7	18088.9	14695.5	11201.0	7861.7	5180.7	3186.8	1682.7
7.5°	52189.4	44462.5	36753.8	28984.0	23029.8	18431.2	13693.7	9493.7	6478.0	4248.8	2248.7
5°	62628.1	52958.3	43569.5	34425.0	27558.1	22163.7	16230.7	10973.3	7661.4	5302.5	2822.6
2.5°	69560.5	58553.3	49367.3	39183.9	31527.0	25283.2	18560.4	12431.9	8534.7	5909.1	3059.3
0°	74475.1	62679.4	52553.5	41119.2	33413.6	26742.9	20442.0	13854.6	9204.4	6326.5	3230.6
-2.5°	73219.1	61277.5	51955.4	40475.9	32647.0	26410.1	20037.0	14573.1	9999.8	6684.2	3287.5
-5°	68238.9	56544.3	47460.5	37365.8	30013.2	24413.3	18772.6	14289.3	10183.6	6743.0	3262.4
-7.5°	61119.4	50947.7	42258.2	33471.3	26771.5	21692.3	16903.0	12958.4	9340.3	6103.7	3024.1
-10°	52822.7	44375.4	36570.6	29318.6	23656.7	18900.0	14934.7	11543.8	8388.4	5363.8	2710.1
-12.5°	45444.9	37943.9	30992.7	25075.9	20888.4	16644.9	13209.3	10189.8	7356.7	4552.7	2323.6
-15°	37899.9	32525.2	27061.9	22145.1	18130.1	14483.7	11620.0	9102.5	6431.2	3707.4	1867.1
-17.5°	33234.9	28105.9	23401.4	19699.3	15808.2	12577.3	10290.3	8007.7	5439.8	2951.4	1410.4
-20°	29330.3	24804.3	20803.8	17156.3	13730.4	10975.6	9088.6	6819.2	4335.0	2333.7	1271.7



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	25292.0	21940.5	18354.0	14701.0	11769.8	9636.3	7722.9	5535.8	3125.5	1664.1	1124.8
-25°	21330.7	18957.2	15939.3	12946.9	10180.6	8138.0	6301.6	4181.9	2358.4	1258.1	983.9
-27.5°	17821.6	15824.1	13906.4	11303.5	8992.9	6789.9	4831.9	2909.1	1562.8	1105.8	913.2
-30°	14652.8	13163.0	11632.2	9849.3	7662.4	5495.6	3359.2	1995.4	1225.1	974.9	858.6
-32.5°	12043.7	10893.1	9592.0	8068.1	6034.4	3848.0	2306.8	1303.6	1044.9	915.4	840.2
-35°	10010.6	8838.6	7572.7	5905.3	3972.6	2471.2	1385.5	1122.6	956.8	867.5	831.9
-37.5°	7946.1	6741.9	5210.1	3623.2	2338.1	1427.4	1186.9	1017.2	898.9	857.8	798.9
-40°	5501.2	4187.0	3017.1	1848.6	1410.1	1211.0	1068.8	950.8	898.2	830.1	751.6
-42.5°	3078.4	2072.9	1517.6	1343.9	1187.7	1090.3	999.1	945.6	874.5	782.5	681.4
-45°	1547.5	1390.4	1246.5	1166.3	1078.3	1025.8	987.2	906.0	813.9	708.1	602.6
-47.5°	1256.0	1189.6	1121.5	1079.6	1040.0	992.0	913.3	829.4	721.3	619.0	529.8
-50°	1126.1	1098.7	1071.1	1033.8	962.7	890.1	805.4	714.2	620.3	535.3	455.3
-52.5°	1074.2	1025.2	970.9	911.7	836.0	754.5	673.0	601.4	525.1	452.7	383.5
-55°	942.8	886.6	821.5	753.1	684.0	619.8	555.4	494.6	436.3	371.9	316.5
-57.5°	760.4	710.3	657.9	603.3	547.0	494.8	444.6	394.8	351.8	301.5	251.7
-60°	589.9	549.3	509.0	466.5	421.9	378.2	344.5	309.0	272.1	233.6	193.3
-62.5°	446.9	409.1	379.0	351.2	319.7	286.6	258.5	231.4	201.6	169.3	143.6
-65°	340.3	313.8	288.1	262.2	235.8	209.1	185.7	164.5	144.9	123.9	102.3
-67.5°	249.4	225.4	202.9	183.6	167.2	148.4	131.8	114.8	102.7	91.9	79.5
-70°	182.6	167.4	152.4	136.1	120.4	106.9	97.2	88.3	78.6	68.3	57.7
-72.5°	133.7	122.6	111.5	100.6	90.5	80.5	70.9	62.0	53.4	45.2	37.7
-75°	88.9	81.7	74.0	65.8	57.3	48.6	42.9	39.3	35.4	31.2	26.5
-77.5°	57.1	52.5	48.0	43.5	39.1	34.8	30.8	27.5	24.9	22.4	20.1
-80°	38.9	36.1	33.4	30.8	28.2	25.8	23.5	21.5	19.5	17.7	16.3
-82.5°	26.2	24.7	23.2	21.6	20.0	18.3	16.7	15.6	14.7	13.9	13.3
-85°	18.6	17.4	16.3	15.1	14.1	13.0	12.0	11.9	11.8	11.7	11.6
-87.5°	13.9	13.3	12.6	12.0	11.5	10.9	10.3	10.3	10.2	10.1	10.1
-90°	5.4	5.9	6.4	7.0	7.5	8.1	8.6	8.6	8.6	8.6	8.6



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8	9.0	9.1
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	9.0	9.3	9.6
82.5°	8.6	8.6	8.6	8.6	8.9	9.1	9.2	9.2	9.4	9.7	10.0
80°	10.1	9.8	9.5	9.3	9.4	9.7	10.0	10.1	10.0	10.1	10.3
77.5°	10.7	10.7	10.7	10.4	10.2	10.2	10.4	10.7	10.6	10.4	10.5
75°	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.7	10.7	10.7	10.6
72.5°	11.6	11.1	10.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
70°	12.6	11.6	10.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
67.5°	13.9	12.8	11.6	10.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7
65°	16.5	14.3	12.7	11.7	11.0	10.7	10.7	10.7	10.7	10.7	10.7
62.5°	20.0	15.8	13.8	12.4	11.4	10.9	10.7	10.7	10.7	10.7	10.7
60°	24.3	18.3	15.1	13.4	12.0	11.0	10.7	10.7	10.7	10.7	10.7
57.5°	27.8	20.1	17.2	14.8	12.9	11.4	10.7	10.7	10.7	10.7	10.7
55°	29.2	21.8	19.2	16.8	14.1	12.2	11.0	10.7	10.7	10.7	10.7
52.5°	26.0	22.5	20.9	18.5	15.9	13.2	11.8	10.7	10.7	10.7	10.7
50°	20.4	21.3	21.3	19.6	17.5	14.8	12.6	11.3	10.7	10.7	10.8
47.5°	18.0	20.0	20.5	20.1	18.2	16.3	13.7	12.0	10.7	10.7	11.0
45°	18.5	19.2	20.0	19.6	18.9	17.1	14.9	12.7	11.3	10.9	11.2
42.5°	20.5	20.5	20.2	19.3	19.1	17.7	15.8	13.5	11.9	11.2	11.4
40°	24.7	23.4	21.5	21.1	19.5	18.2	16.3	14.2	12.5	11.6	11.7
37.5°	30.2	28.0	24.9	25.5	21.1	18.9	16.8	14.8	13.3	12.4	12.0
35°	41.7	34.2	32.3	32.1	26.9	19.7	17.2	15.2	14.3	13.1	12.4
32.5°	56.5	46.0	43.0	39.9	34.4	20.8	17.9	16.5	15.3	13.9	12.9
30°	72.5	66.8	55.4	48.7	43.1	27.7	19.8	18.1	16.4	14.6	13.4
27.5°	97.6	90.2	70.6	60.0	51.3	36.8	23.8	20.0	17.5	15.4	14.0
25°	131.5	116.2	92.7	72.9	60.2	58.3	28.8	22.1	18.9	16.3	14.6
22.5°	179.1	146.6	116.3	86.8	95.6	85.8	40.4	26.0	20.5	17.2	15.1
20°	234.2	181.1	153.0	145.7	139.6	116.0	60.7	30.4	22.3	18.1	15.7
17.5°	300.5	266.1	254.8	219.9	189.0	150.8	84.1	35.1	24.1	19.0	16.2
15°	489.0	416.8	367.3	303.0	242.2	189.3	109.9	40.2	26.0	20.0	16.6
12.5°	712.2	576.6	488.1	392.9	298.5	230.5	137.3	45.5	27.9	20.7	16.7
10°	943.5	742.9	614.8	487.5	356.7	273.4	165.2	51.3	30.4	21.4	16.9
7.5°	1178.6	912.7	744.7	584.4	414.6	315.5	195.9	58.1	33.0	22.0	17.0
5°	1391.9	1059.9	851.0	662.2	466.1	354.8	225.8	64.8	35.7	22.6	17.0
2.5°	1509.1	1167.6	938.5	732.8	515.6	391.7	253.6	71.2	38.2	23.1	17.1
0°	1612.1	1267.9	1019.9	797.5	562.3	425.5	277.9	77.0	40.6	23.5	17.1
-2.5°	1612.6	1251.9	1016.6	817.2	585.5	438.4	288.5	94.0	51.0	29.3	19.1
-5°	1597.0	1228.2	1008.4	830.0	604.0	447.6	294.9	109.9	60.9	34.7	21.0
-7.5°	1525.5	1181.3	987.8	832.8	617.1	452.8	297.7	124.3	70.0	39.8	22.7
-10°	1430.1	1118.8	950.3	806.8	611.8	451.4	296.9	136.8	78.1	44.1	24.2
-12.5°	1320.4	1053.1	913.6	778.2	599.8	444.2	291.5	146.5	84.9	47.7	25.3
-15°	1196.9	985.6	879.7	748.5	583.8	434.0	283.9	153.6	90.7	50.7	26.1
-17.5°	1064.9	917.4	850.0	718.7	564.1	421.2	274.4	158.4	94.9	53.3	27.3
-20°	994.7	872.6	822.5	689.9	540.8	405.9	263.6	160.7	97.3	54.8	28.8



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	933.2	849.3	782.7	659.8	516.4	388.4	251.7	160.3	98.0	55.3	29.8
-25°	870.2	827.0	743.2	620.2	492.7	369.8	244.4	157.0	96.6	54.6	30.3
-27.5°	835.0	799.4	704.1	577.5	460.7	351.4	239.6	155.1	94.1	52.7	30.2
-30°	812.7	755.6	656.3	533.9	425.9	323.2	231.2	150.6	91.8	51.5	29.6
-32.5°	795.9	713.8	603.6	493.1	390.9	293.2	214.0	143.3	87.7	50.7	29.4
-35°	758.8	662.3	549.1	449.7	355.2	268.3	193.6	133.1	81.9	49.1	28.9
-37.5°	716.5	603.8	499.5	406.2	317.8	241.8	174.8	119.3	74.4	46.7	27.6
-40°	649.6	545.0	449.5	363.9	284.8	213.5	154.1	106.2	69.4	43.4	25.7
-42.5°	579.6	487.3	400.9	320.2	252.3	188.7	132.5	92.2	63.1	40.1	23.1
-45°	513.7	428.8	351.0	282.2	218.9	162.1	116.0	78.3	56.0	36.3	20.8
-47.5°	446.3	371.9	303.4	241.8	187.4	136.0	98.4	69.4	48.1	31.6	19.6
-50°	382.0	316.2	256.9	203.5	153.4	115.6	81.8	59.7	41.2	25.5	18.2
-52.5°	320.5	263.1	212.3	165.1	127.1	94.1	69.9	49.5	33.9	22.1	16.5
-55°	261.4	213.3	169.3	133.0	101.7	77.9	57.2	40.7	26.1	19.8	14.8
-57.5°	207.9	165.6	133.5	104.0	81.4	62.6	45.7	31.5	22.3	17.4	14.4
-60°	156.8	128.4	100.7	81.7	64.5	48.6	34.9	24.0	19.5	15.4	13.9
-62.5°	117.9	94.6	78.7	63.1	49.0	36.2	25.0	20.9	16.7	14.8	13.4
-65°	88.4	73.7	58.7	46.8	35.0	25.6	21.5	17.7	15.6	14.2	13.0
-67.5°	66.4	54.2	41.9	31.1	25.2	21.2	17.7	16.2	14.9	13.6	13.0
-70°	46.8	35.8	28.2	23.5	19.7	17.0	16.3	15.4	14.2	13.4	12.9
-72.5°	31.7	26.0	20.8	17.0	16.5	16.0	15.4	14.6	13.7	13.1	12.8
-75°	21.7	19.0	17.1	15.9	15.4	14.9	14.4	13.8	13.2	12.8	12.3
-77.5°	18.3	16.7	15.5	14.7	14.3	13.9	13.4	13.0	12.6	12.2	11.7
-80°	15.4	14.6	13.9	13.4	13.1	12.8	12.5	12.1	11.8	11.5	11.1
-82.5°	12.9	12.6	12.4	12.2	12.0	11.7	11.5	11.3	11.0	10.7	10.5
-85°	11.4	11.3	11.2	11.0	10.9	10.7	10.5	10.4	10.2	10.0	9.9
-87.5°	10.0	9.9	9.9	9.8	9.7	9.6	9.6	9.5	9.4	9.3	9.2
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	9.1	9.1	9.0	8.9	8.8	8.6	8.6
85°	9.7	9.5	9.3	9.1	9.0	8.7	8.6
82.5°	10.2	10.0	9.7	9.4	9.1	8.7	8.6
80°	10.7	10.4	10.1	9.7	9.3	8.8	8.6
77.5°	10.7	10.7	10.4	10.0	9.5	8.8	8.6
75°	10.7	10.7	10.7	10.2	9.6	8.9	8.6
72.5°	10.7	10.7	10.7	10.5	9.8	8.9	8.6
70°	10.7	10.7	10.7	10.7	9.9	8.9	8.6
67.5°	10.7	10.7	10.7	10.7	10.1	9.0	8.6
65°	10.7	10.7	10.7	10.7	10.2	9.0	8.6
62.5°	10.7	10.7	10.7	10.7	10.3	9.0	8.6
60°	10.7	10.7	10.7	10.7	10.4	9.1	8.6
57.5°	10.7	10.7	10.7	10.7	10.4	9.1	8.6
55°	10.7	10.7	10.7	10.7	10.4	9.1	8.6
52.5°	10.7	10.7	10.7	10.7	10.4	9.1	8.6
50°	10.7	10.7	10.7	10.7	10.3	9.1	8.6
47.5°	10.7	10.7	10.7	10.7	10.3	9.1	8.6
45°	10.9	10.7	10.7	10.7	10.3	9.1	8.6
42.5°	11.1	10.7	10.7	10.7	10.3	9.1	8.6
40°	11.3	10.7	10.7	10.7	10.3	9.1	8.6
37.5°	11.6	10.7	10.7	10.7	10.4	9.1	8.6
35°	11.9	10.8	10.7	10.7	10.4	9.1	8.6
32.5°	12.2	11.1	10.7	10.7	10.4	9.1	8.6
30°	12.5	11.3	10.7	10.7	10.4	9.1	8.6
27.5°	12.9	11.5	10.7	10.7	10.4	9.0	8.6
25°	13.3	11.8	10.7	10.7	10.5	9.0	8.6
22.5°	13.7	12.0	10.7	10.7	10.5	9.0	8.6
20°	14.1	12.2	10.7	10.7	10.5	8.9	8.6
17.5°	14.4	12.3	10.7	10.7	10.6	8.9	8.6
15°	14.5	12.4	10.7	10.7	10.6	8.9	8.6
12.5°	14.7	12.5	10.7	10.7	10.6	8.8	8.6
10°	14.8	12.6	10.7	10.7	10.6	8.8	8.6
7.5°	14.9	12.7	10.7	10.7	10.7	8.7	8.6
5°	14.9	12.8	10.7	10.7	10.7	8.7	8.6
2.5°	15.0	12.8	10.7	10.7	10.7	8.6	8.6
0°	15.0	12.8	10.7	10.7	10.7	8.6	8.6
-2.5°	15.3	13.0	10.9	10.7	10.7	8.6	8.6
-5°	15.5	13.2	11.1	10.7	10.7	8.7	8.6
-7.5°	15.7	13.4	11.2	10.7	10.7	8.7	8.6
-10°	15.9	13.6	11.4	10.7	10.6	8.8	8.6
-12.5°	16.1	13.7	11.5	10.7	10.6	8.8	8.6
-15°	16.2	13.9	11.6	10.7	10.6	8.9	8.6
-17.5°	16.3	14.0	11.7	10.7	10.6	8.9	8.6
-20°	16.8	14.0	11.8	10.7	10.5	8.9	8.6



REPORT NUMBER: P1306391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.8	14.1	11.8	10.7	10.5	9.0	8.6
-25°	18.5	14.1	11.8	10.7	10.5	9.0	8.6
-27.5°	18.8	14.2	11.8	10.7	10.4	9.0	8.6
-30°	18.6	14.1	11.7	10.7	10.4	9.1	8.6
-32.5°	18.1	13.9	11.6	10.7	10.4	9.1	8.6
-35°	17.7	13.6	11.4	10.7	10.4	9.1	8.6
-37.5°	17.4	13.3	11.3	10.7	10.4	9.1	8.6
-40°	16.8	13.1	11.1	10.7	10.3	9.1	8.6
-42.5°	16.2	12.9	11.1	10.7	10.3	9.1	8.6
-45°	15.3	12.6	11.1	10.8	10.3	9.1	8.6
-47.5°	14.3	12.4	11.2	10.8	10.3	9.1	8.6
-50°	13.9	12.1	11.3	10.8	10.3	9.1	8.6
-52.5°	13.5	11.8	11.3	10.9	10.4	9.1	8.6
-55°	13.2	11.8	11.4	10.9	10.4	9.1	8.6
-57.5°	12.8	11.9	11.4	10.9	10.4	9.1	8.6
-60°	12.4	11.9	11.5	10.9	10.4	9.1	8.6
-62.5°	12.5	12.0	11.4	10.8	10.3	9.0	8.6
-65°	12.5	12.0	11.3	10.8	10.2	9.0	8.6
-67.5°	12.6	11.9	11.2	10.8	10.1	9.0	8.6
-70°	12.6	11.7	11.0	10.7	9.9	8.9	8.6
-72.5°	12.2	11.4	10.9	10.5	9.8	8.9	8.6
-75°	11.8	11.1	10.7	10.2	9.6	8.9	8.6
-77.5°	11.3	10.8	10.4	10.0	9.5	8.8	8.6
-80°	10.8	10.4	10.1	9.7	9.3	8.8	8.6
-82.5°	10.2	10.0	9.7	9.4	9.1	8.7	8.6
-85°	9.7	9.5	9.3	9.1	9.0	8.7	8.6
-87.5°	9.1	9.1	9.0	8.9	8.8	8.6	8.6
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6

(END OF REPORT)