

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: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-80-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

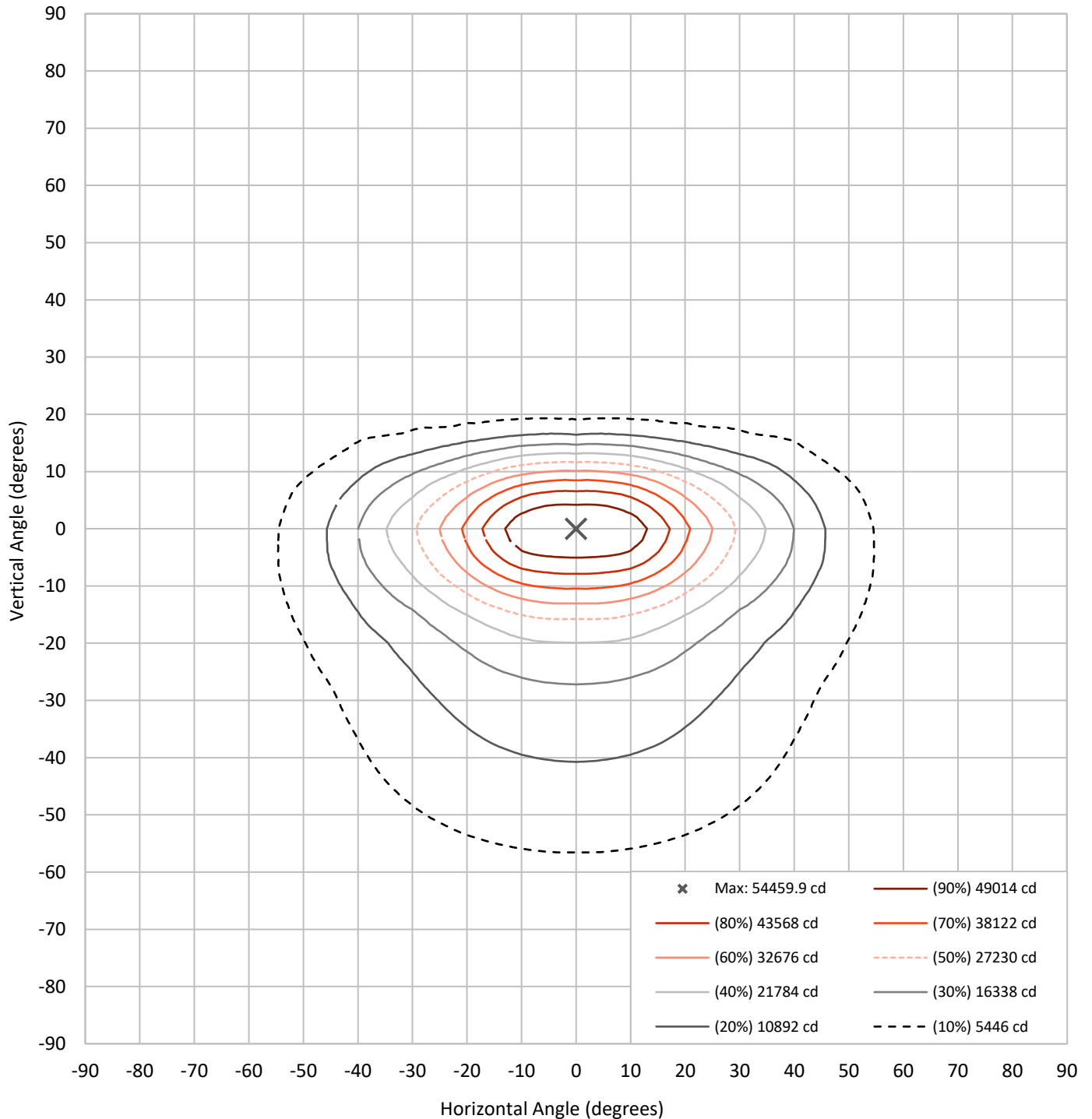
Test Method: LM-79-08
Report Number: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-50-80-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	36644.1 lumens	Max Intensity:	54459.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	53.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 27.3°V	Field Angle (10%):	109.1°H x 75.6°V
Beam Lumens:	14465.7 lumens	Field Lumens:	32247.6 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
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		

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CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

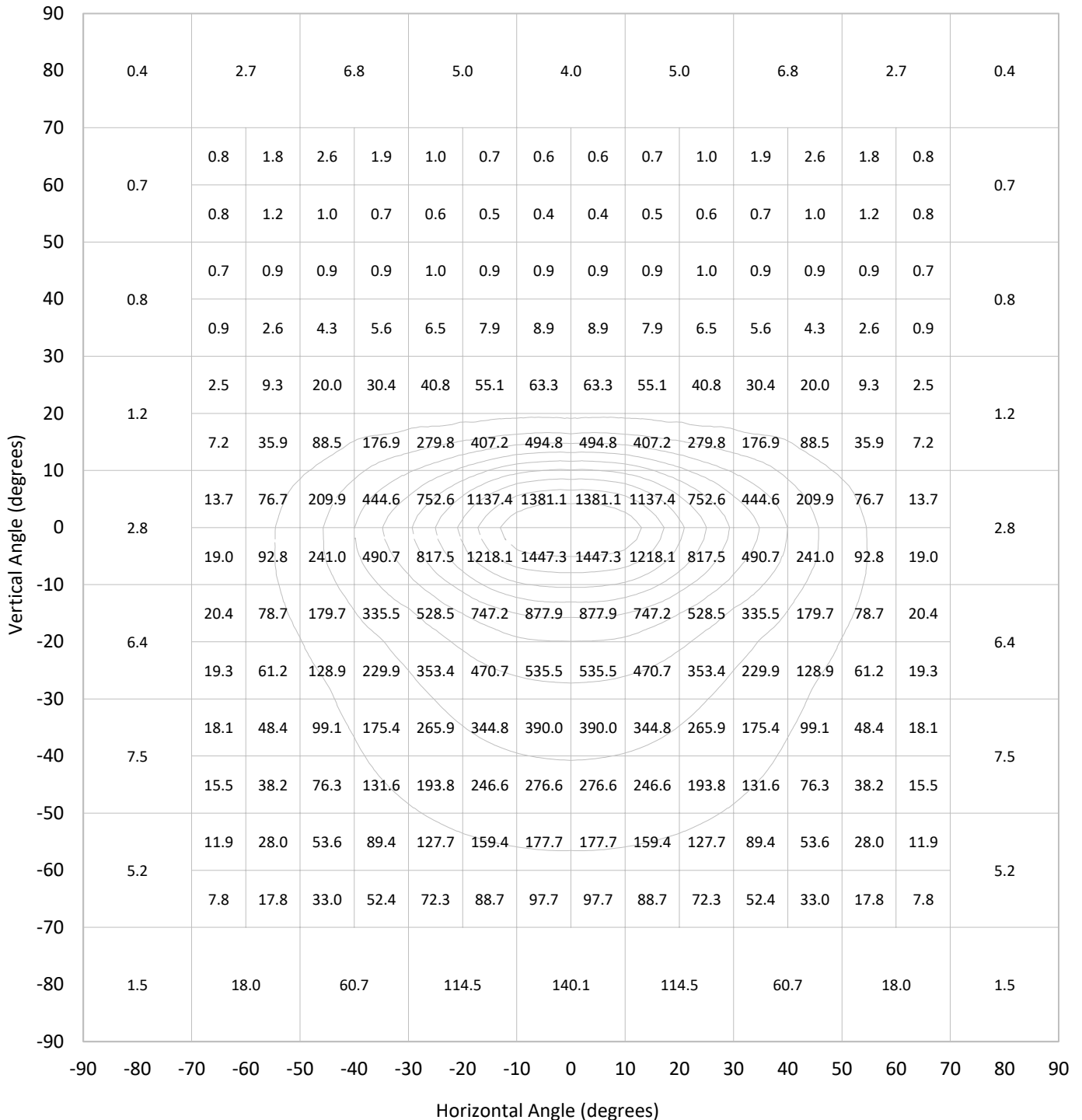
Iso-Candela Plot





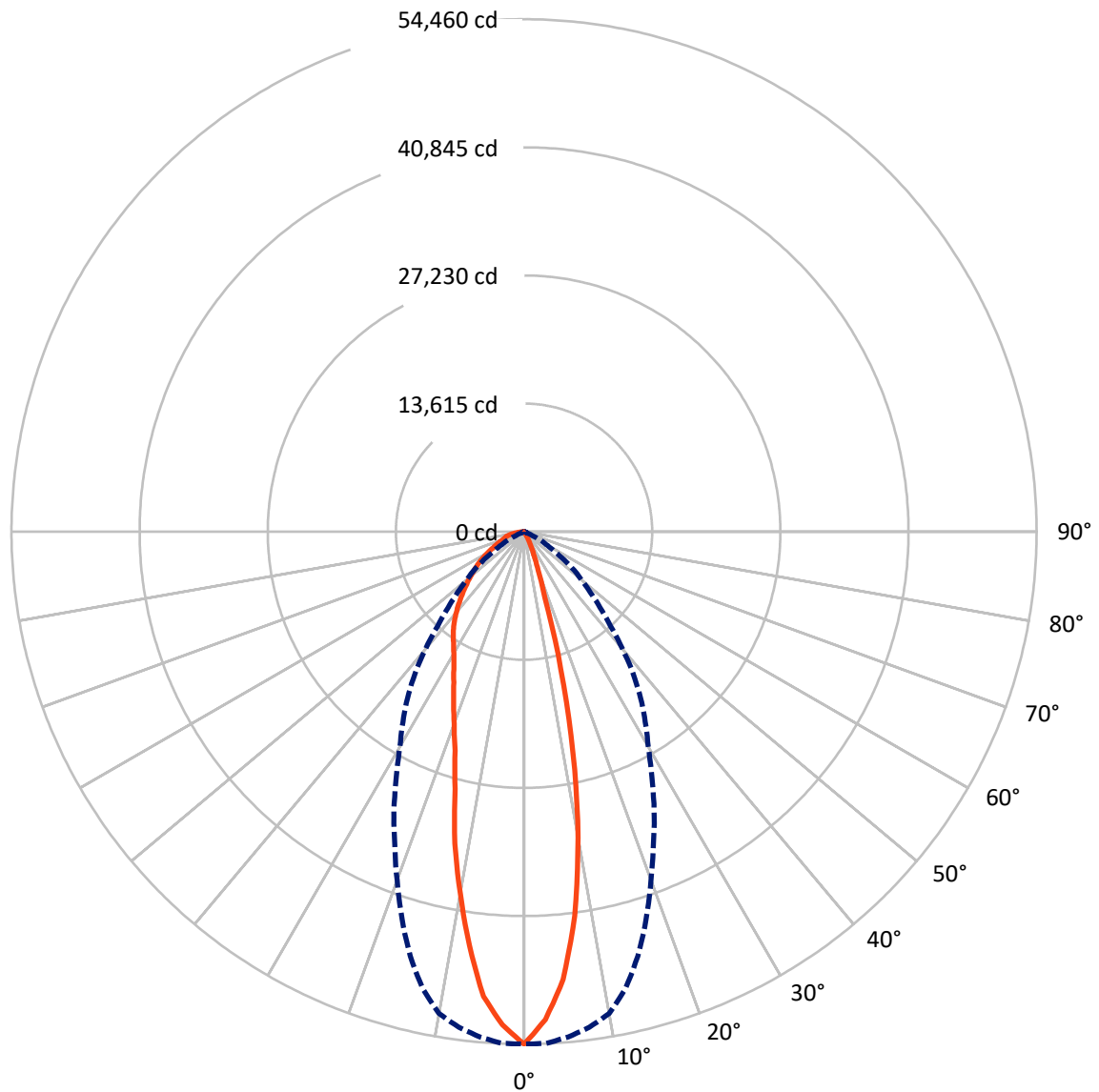
REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

Lumen Table



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

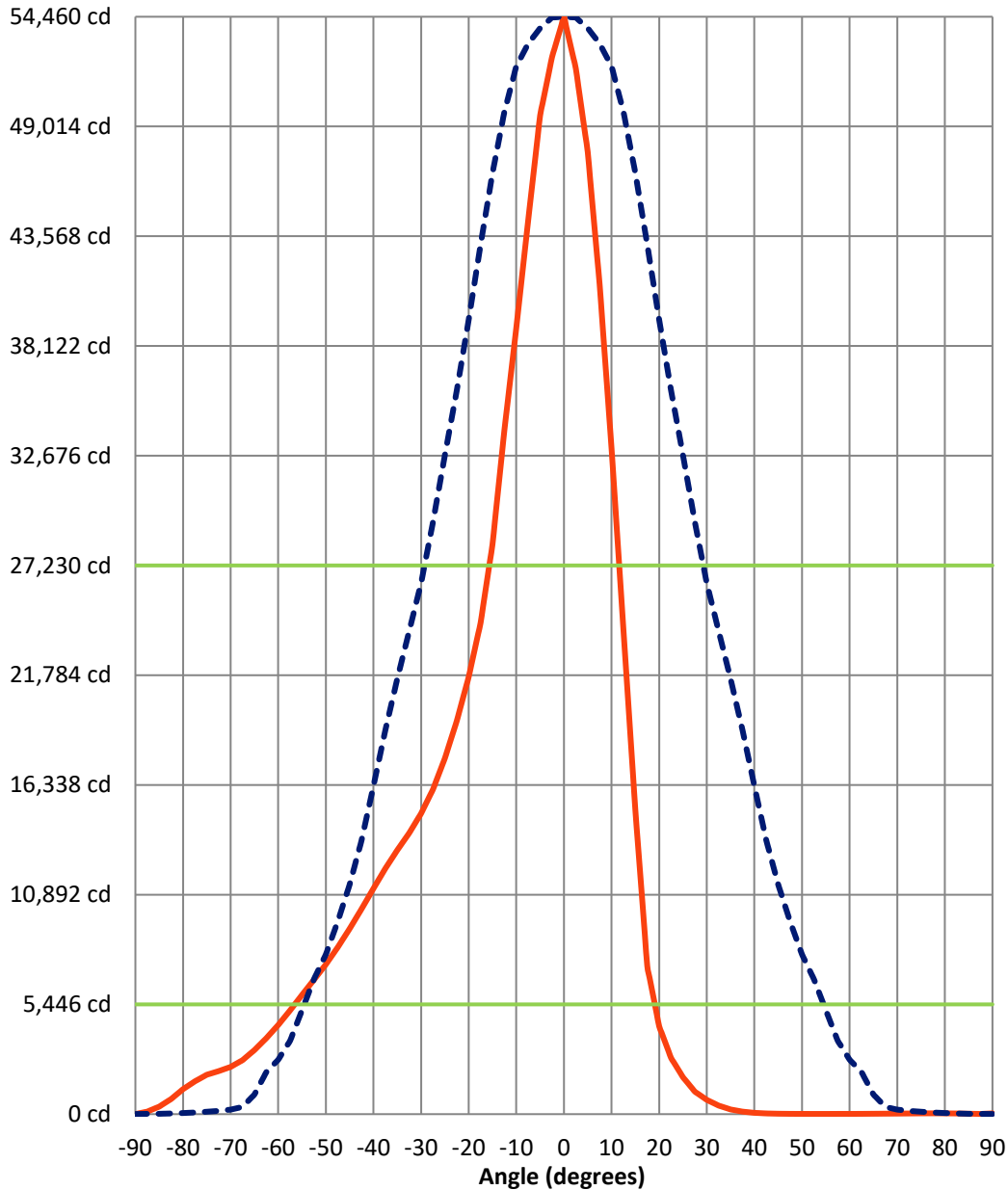
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 27.3°
 Lumens: 14465.7
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 32247.6
 Efficiency: 88.0%

Spill:
 Lumens: 4396.5
 Efficiency: 12.0%

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

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 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.9	8.9	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9
87.5°	7.9	8.2	8.8	9.4	10.1	11.0	12.0	12.2	12.3	12.3	12.1
85°	7.9	8.6	9.6	10.9	12.3	14.1	16.1	16.5	16.7	16.6	16.3
82.5°	7.9	8.9	10.5	12.3	14.5	17.1	20.1	20.9	21.3	22.8	25.7
80°	7.9	9.3	11.3	13.8	16.7	20.1	23.8	24.9	27.5	31.8	37.8
77.5°	7.9	9.6	12.1	15.2	18.9	22.4	25.7	28.7	33.5	40.5	47.4
75°	7.9	9.9	13.0	16.6	20.6	23.4	27.4	32.1	38.8	44.4	50.3
72.5°	7.9	10.3	13.7	18.0	21.0	24.3	29.1	34.9	40.7	46.7	53.0
70°	7.9	10.6	14.5	19.0	21.3	25.1	30.5	36.3	42.4	48.8	54.9
67.5°	7.9	10.9	15.2	18.9	21.5	25.8	31.7	37.6	44.0	50.3	56.7
65°	7.9	11.2	16.0	18.8	21.6	26.6	32.8	38.8	45.3	51.8	58.9
62.5°	7.9	11.5	16.6	18.7	21.7	27.7	34.0	39.8	46.5	53.4	62.3
60°	7.9	11.7	17.3	18.4	21.6	28.8	35.1	40.8	47.6	56.0	65.4
57.5°	7.9	12.0	17.1	18.2	22.5	29.8	36.4	41.8	49.3	58.3	66.5
55°	7.9	12.3	17.0	17.9	23.4	30.9	37.8	43.1	50.9	59.9	66.7
52.5°	7.9	12.5	16.8	17.5	24.2	31.9	39.2	45.0	52.3	60.0	66.8
50°	7.9	12.7	16.7	17.1	25.1	33.2	40.7	46.9	53.1	59.9	63.5
47.5°	7.9	12.9	16.6	16.9	25.8	34.6	42.3	48.8	52.9	59.7	60.3
45°	7.9	13.1	16.5	17.5	26.6	36.0	43.9	50.7	54.1	57.4	57.5
42.5°	7.9	13.3	16.5	18.0	27.3	37.3	45.6	52.3	55.6	55.3	54.8
40°	7.9	13.5	16.5	18.8	28.2	38.7	47.2	53.7	56.9	54.0	52.5
37.5°	7.9	13.6	16.5	19.9	29.2	40.1	48.8	55.2	58.0	55.3	50.6
35°	7.9	13.7	16.5	20.9	30.2	41.4	50.4	56.9	59.5	57.8	50.9
32.5°	7.9	13.8	16.5	22.0	31.2	42.6	51.9	58.6	61.5	61.5	60.8
30°	7.9	13.9	16.5	23.1	32.1	43.8	53.3	60.5	64.0	66.6	73.3
27.5°	7.9	14.0	16.6	24.1	34.1	44.9	54.6	62.3	67.3	72.8	88.1
25°	7.9	14.1	16.7	25.2	36.2	45.9	56.0	64.4	72.1	83.3	106.7
22.5°	7.9	14.1	16.8	26.2	38.4	47.7	57.4	66.7	77.5	96.6	167.3
20°	7.9	14.2	16.9	27.2	40.5	51.4	58.8	69.2	83.5	110.9	236.5
17.5°	7.9	14.2	17.0	28.2	42.6	55.3	63.9	71.8	89.9	126.1	312.5
15°	7.9	14.2	17.1	29.1	44.7	59.3	71.6	79.0	96.7	141.8	393.3
12.5°	7.9	14.2	17.2	30.0	46.7	63.4	79.6	92.4	112.1	157.8	476.8
10°	7.9	14.1	17.4	30.9	48.7	67.6	87.9	106.3	134.8	195.4	570.1
7.5°	7.9	14.1	17.5	31.7	50.6	71.6	96.3	120.4	157.8	236.8	681.3
5°	7.9	14.0	17.6	32.4	52.3	75.6	104.6	134.6	180.8	278.3	788.1
2.5°	7.9	14.0	17.7	33.0	53.9	79.5	112.8	148.6	203.6	319.0	887.8
0°	7.9	13.9	17.8	33.6	55.4	83.1	120.7	162.3	225.6	358.2	977.6
-2.5°	7.9	14.2	19.2	37.7	64.7	101.1	152.2	214.3	304.5	467.0	1087.6
-5°	7.9	14.5	20.5	41.7	73.8	118.7	182.9	265.0	381.3	572.1	1185.2
-7.5°	7.9	14.7	21.8	45.5	82.4	135.5	212.3	313.6	454.9	672.1	1270.6
-10°	7.9	15.0	23.1	49.1	90.6	151.5	240.1	359.6	524.3	765.8	1344.0
-12.5°	7.9	15.2	24.3	52.4	98.2	166.2	265.8	402.0	588.4	848.4	1373.9
-15°	7.9	15.4	25.4	55.5	105.1	179.7	289.1	440.5	640.7	898.6	1380.3
-17.5°	7.9	15.6	26.5	58.1	111.3	191.6	309.7	473.8	680.7	942.3	1380.5
-20°	7.9	15.8	27.5	60.4	116.6	201.9	329.1	502.7	715.9	979.3	1375.5



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 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.9	15.9	28.3	62.3	120.9	210.3	348.6	527.5	746.1	1009.2	1366.4
-25°	7.9	16.0	29.1	63.8	124.3	221.0	365.2	547.9	771.0	1031.7	1354.3
-27.5°	7.9	16.1	29.7	64.8	126.5	231.4	378.7	563.7	790.4	1050.2	1372.9
-30°	7.9	16.2	30.2	65.3	128.1	239.5	389.1	574.7	805.9	1068.7	1383.8
-32.5°	7.9	16.2	30.6	65.3	132.2	245.2	396.1	584.5	816.1	1080.0	1385.3
-35°	7.9	16.2	30.9	64.8	134.9	248.4	401.6	591.0	819.9	1084.2	1377.2
-37.5°	7.9	16.1	31.0	63.8	135.9	249.9	404.3	592.8	817.0	1081.0	1332.2
-40°	7.9	16.0	31.0	62.2	135.4	250.4	403.3	590.0	807.4	1071.0	1285.1
-42.5°	7.9	15.9	30.8	60.7	134.4	248.4	398.5	582.5	796.6	1027.5	1231.4
-45°	7.9	15.8	30.5	59.7	133.1	243.8	390.1	571.2	782.4	975.6	1171.6
-47.5°	7.9	15.6	30.1	57.9	130.5	236.6	377.9	556.1	761.6	919.3	1108.0
-50°	7.9	15.4	29.5	57.3	126.4	226.8	364.5	536.1	716.5	867.3	1039.2
-52.5°	7.9	15.2	28.8	56.7	121.0	214.6	348.0	511.3	668.7	810.6	966.3
-55°	7.9	14.9	27.9	55.5	114.3	203.7	328.0	482.2	618.4	749.3	895.8
-57.5°	7.9	14.6	26.9	53.8	106.2	191.5	304.6	451.2	565.1	687.0	820.2
-60°	7.9	14.3	25.8	51.4	97.2	177.3	278.8	410.0	510.4	622.2	741.9
-62.5°	7.9	14.0	24.9	48.6	91.2	161.3	255.9	364.8	458.6	554.3	664.2
-65°	7.9	13.6	23.8	45.2	84.4	143.5	230.6	320.9	405.3	492.2	583.2
-67.5°	7.9	13.2	22.7	41.4	76.7	127.4	202.9	282.6	350.7	430.6	510.2
-70°	7.9	12.8	21.5	37.2	68.1	113.1	173.1	243.7	306.7	367.7	440.2
-72.5°	7.9	12.3	20.2	34.0	58.9	97.7	148.9	204.0	262.4	318.5	372.5
-75°	7.9	11.9	18.8	31.0	49.0	81.3	124.4	168.6	217.4	269.1	318.9
-77.5°	7.9	11.4	17.4	27.9	42.5	64.1	98.5	133.8	173.3	218.0	264.8
-80°	7.9	10.9	16.0	24.5	36.5	51.7	71.7	98.1	128.2	162.5	200.8
-82.5°	7.9	10.4	14.5	21.1	30.2	41.9	55.9	67.8	82.1	105.8	132.5
-85°	7.9	9.9	13.0	17.6	23.9	31.8	41.5	49.5	58.1	67.4	77.3
-87.5°	7.9	9.4	11.4	14.0	17.4	21.7	26.7	31.0	35.6	40.5	45.7
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	14.4	14.9	15.3	15.8	17.3	18.8	20.3	21.8	24.3	26.8	29.2
87.5°	12.9	13.8	14.8	15.9	15.2	14.3	13.3	12.2	13.0	14.0	15.0
85°	17.9	19.8	22.3	24.4	24.3	24.4	24.8	25.4	27.1	28.5	29.6
82.5°	29.0	31.6	33.5	34.7	36.5	38.9	42.0	46.7	49.2	50.9	51.9
80°	41.5	43.7	45.4	48.7	54.6	61.4	68.8	76.8	79.5	79.7	78.9
77.5°	49.6	52.9	58.3	65.7	74.5	83.2	92.5	102.4	105.2	104.6	103.1
75°	55.0	61.5	69.6	79.7	90.4	101.5	113.1	123.8	126.8	123.6	119.4
72.5°	59.3	67.7	78.6	91.8	103.9	115.2	127.2	139.9	144.3	137.4	128.8
70°	62.2	72.9	86.0	99.9	113.8	125.9	137.2	149.4	156.4	144.7	127.6
67.5°	64.6	77.9	92.2	106.6	119.0	130.6	143.4	147.4	149.1	131.3	112.9
65°	68.3	82.5	95.5	108.2	121.6	125.4	128.2	130.9	128.0	107.8	87.9
62.5°	71.8	83.6	96.1	105.9	109.1	111.0	108.8	103.5	96.4	82.4	66.0
60°	73.0	83.4	91.4	94.3	95.2	91.2	84.9	78.6	71.1	59.5	48.3
57.5°	73.4	78.6	81.7	82.3	78.5	71.9	65.8	57.6	51.3	44.1	35.0
55°	71.6	70.5	72.0	69.5	64.0	57.1	49.8	44.2	36.9	32.6	27.3
52.5°	66.7	63.8	62.5	58.5	52.4	46.0	40.1	34.7	30.5	25.7	22.4
50°	62.2	58.5	54.3	49.5	44.9	40.5	33.9	30.1	26.5	22.8	19.9
47.5°	58.2	53.7	47.6	43.6	43.0	40.4	33.9	28.1	24.9	24.8	22.0
45°	54.6	50.8	43.8	44.5	45.8	45.7	41.1	27.5	30.6	31.2	29.6
42.5°	51.5	49.9	52.0	47.3	54.7	58.8	55.2	46.0	40.9	45.5	47.3
40°	51.9	51.1	68.4	68.0	69.0	79.8	84.9	78.3	60.3	71.5	76.6
37.5°	53.9	71.9	93.4	100.4	94.1	112.5	123.5	131.1	116.9	107.8	123.7
35°	57.2	97.8	129.8	144.8	145.7	156.2	184.9	196.7	187.3	172.9	185.7
32.5°	74.8	128.8	173.0	198.4	221.9	232.8	258.3	270.5	280.8	280.8	275.4
30°	112.0	169.7	223.0	257.8	314.2	365.5	354.3	356.9	394.8	433.3	452.1
27.5°	175.4	220.4	278.8	341.6	427.8	527.5	545.3	494.7	546.2	617.5	680.7
25°	255.2	373.7	338.3	441.6	585.0	723.4	796.9	831.9	761.6	865.2	1014.6
22.5°	365.6	568.0	569.7	550.5	761.7	955.2	1136.4	1309.9	1399.8	1287.2	1442.6
20°	514.3	775.7	859.4	952.2	1026.1	1218.7	1531.4	1910.4	2257.3	2453.7	2363.7
17.5°	685.2	1002.5	1194.6	1443.3	1688.9	1794.1	1993.3	2613.8	3287.3	3860.7	4169.0
15°	873.2	1244.8	1557.2	1984.8	2426.7	2759.7	3104.8	3637.9	4527.0	5508.0	6293.4
12.5°	1073.2	1498.6	1940.3	2565.2	3221.6	3769.3	4384.7	5195.4	6221.1	7444.8	8724.0
10°	1279.3	1759.3	2336.3	3171.6	4057.1	4809.0	5689.7	6753.0	8062.8	9587.5	11195.2
7.5°	1497.6	2014.4	2726.8	3789.8	4914.5	5863.4	7002.2	8296.1	9885.5	11697.8	13636.1
5°	1709.1	2255.1	3052.2	4287.0	5610.4	6753.3	8198.0	9803.7	11667.3	13751.8	16036.1
2.5°	1906.3	2485.6	3360.5	4741.9	6175.1	7361.7	8908.5	10635.0	12737.2	15194.9	17836.8
0°	2083.8	2703.2	3647.1	5161.0	6696.7	7927.6	9560.2	11396.6	13587.3	16284.5	19061.0
-2.5°	2160.8	2816.7	3776.3	5223.4	6683.7	7937.9	9508.7	11382.2	13494.8	16066.4	18789.7
-5°	2215.2	2912.6	3878.1	5246.0	6627.5	7900.8	9399.1	11281.5	13201.0	15488.4	17928.2
-7.5°	2249.6	2988.8	3951.6	5207.6	6444.5	7610.6	8914.0	10517.5	12267.5	14303.7	16451.7
-10°	2256.8	2980.6	3841.3	4956.9	6089.0	7158.1	8319.6	9712.1	11277.0	13057.7	14925.2
-12.5°	2186.7	2898.1	3685.8	4688.3	5720.9	6688.1	7705.1	8888.2	10244.5	11775.3	13428.5
-15°	2110.6	2804.7	3518.7	4408.4	5349.2	6208.6	7081.2	8062.3	9265.7	10660.3	12086.1
-17.5°	2032.5	2702.0	3343.4	4123.3	4982.3	5726.9	6490.7	7422.6	8500.8	9676.0	10836.5
-20°	1955.7	2591.6	3163.0	3838.7	4625.9	5328.8	6073.7	6892.5	7797.7	8755.5	9678.1



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1883.7	2474.8	2996.3	3600.0	4319.5	4993.7	5658.9	6362.4	7112.0	7887.4	8861.0
-25°	1835.4	2362.8	2850.8	3410.5	4032.0	4654.1	5240.9	5845.7	6490.9	7348.6	8250.4
-27.5°	1805.4	2267.4	2723.1	3220.4	3756.7	4319.1	4850.2	5383.7	6103.0	6874.7	7672.8
-30°	1775.9	2172.4	2589.9	3040.6	3528.8	4016.7	4473.9	5076.6	5747.3	6453.4	7163.1
-32.5°	1719.7	2072.8	2468.6	2885.7	3317.1	3739.6	4217.0	4809.6	5424.8	6045.6	6686.2
-35°	1650.1	1984.8	2349.6	2728.2	3115.0	3532.9	4016.9	4538.6	5103.8	5681.3	6313.5
-37.5°	1589.4	1889.1	2226.1	2579.3	2941.7	3353.2	3798.1	4285.6	4800.6	5340.7	5944.4
-40°	1522.0	1786.0	2109.3	2440.4	2780.7	3165.2	3584.4	4027.4	4501.5	5017.8	5559.6
-42.5°	1449.7	1704.1	1989.0	2297.9	2621.5	2973.2	3353.8	3770.4	4212.7	4682.8	5179.0
-45°	1382.7	1615.8	1866.7	2155.1	2454.4	2774.4	3127.3	3501.2	3920.4	4353.2	4800.2
-47.5°	1308.1	1523.8	1761.4	2002.7	2283.1	2578.0	2890.9	3244.6	3615.0	4016.9	4429.6
-50°	1227.8	1432.5	1641.6	1862.4	2107.7	2377.2	2663.0	2981.4	3324.2	3675.2	4046.4
-52.5°	1145.0	1333.3	1522.4	1719.1	1938.0	2177.4	2437.3	2719.1	3027.6	3349.5	3669.9
-55°	1056.9	1230.7	1399.0	1577.9	1768.6	1981.9	2211.5	2462.7	2721.5	3014.7	3296.9
-57.5°	967.8	1120.8	1273.9	1436.3	1606.3	1785.0	1994.1	2206.8	2440.1	2681.2	2916.3
-60°	875.7	1009.2	1145.3	1292.0	1445.6	1607.4	1777.7	1967.6	2165.2	2360.3	2567.4
-62.5°	780.1	897.8	1017.7	1143.3	1281.3	1427.1	1579.2	1737.6	1900.5	2070.2	2237.5
-65°	687.8	787.6	892.2	1002.2	1112.8	1246.4	1381.0	1514.2	1656.7	1794.1	1928.2
-67.5°	593.9	688.5	776.5	862.3	964.3	1078.9	1184.7	1305.4	1424.8	1537.7	1646.9
-70°	516.0	591.8	672.6	750.2	830.6	928.1	1031.9	1127.9	1218.2	1312.9	1415.3
-72.5°	441.1	514.2	581.8	643.9	725.2	816.5	901.7	980.9	1067.0	1157.0	1239.8
-75°	372.5	436.3	502.2	563.3	631.0	710.7	796.5	877.1	950.4	1023.2	1098.6
-77.5°	306.5	354.4	409.9	472.5	539.7	601.7	669.4	742.5	811.0	880.4	954.1
-80°	235.4	269.5	307.1	350.5	400.5	455.2	513.9	576.3	631.0	681.3	731.0
-82.5°	158.4	184.4	210.7	237.3	265.2	294.7	327.2	367.0	402.4	438.0	474.1
-85°	87.7	98.7	116.7	134.9	150.4	166.8	184.1	202.2	219.0	235.5	251.7
-87.5°	51.1	56.9	62.9	69.1	73.3	77.3	81.1	84.7	89.5	94.1	98.6
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	31.7	32.2	32.7	33.1	33.6	35.1	36.6	38.1	39.6	39.1	38.6
87.5°	16.0	15.8	15.5	15.2	14.9	16.4	18.0	19.6	21.2	19.5	17.6
85°	30.4	30.6	30.6	30.5	30.3	32.3	34.4	36.4	38.4	35.4	32.3
82.5°	52.2	51.3	49.5	47.0	43.9	43.2	42.4	41.2	39.7	38.0	36.5
80°	77.6	73.9	69.0	63.4	57.1	53.8	50.7	47.2	43.3	42.2	41.3
77.5°	99.9	93.2	85.0	76.1	66.6	60.9	56.1	51.1	45.9	44.8	44.3
75°	114.2	105.5	93.5	81.2	68.4	60.4	54.6	49.0	43.4	41.8	41.0
72.5°	118.6	106.4	92.5	77.0	62.0	52.6	47.2	42.4	38.0	36.2	35.4
70°	110.9	94.7	79.3	64.5	50.7	41.9	38.2	34.9	32.1	30.8	30.3
67.5°	93.7	76.7	62.3	49.8	39.9	33.5	31.3	29.3	27.5	26.4	25.6
65°	71.2	57.9	47.4	39.1	32.7	28.8	27.0	25.4	23.8	22.5	21.6
62.5°	52.3	42.6	36.4	31.6	28.0	25.3	23.7	22.3	21.1	20.2	19.4
60°	39.5	32.8	28.9	25.9	23.6	21.9	20.9	20.0	19.1	18.3	17.5
57.5°	30.1	26.1	23.2	21.8	20.7	20.0	19.2	18.2	17.3	16.4	15.6
55°	23.8	21.7	20.1	19.7	19.2	18.5	17.6	16.8	15.8	14.7	13.8
52.5°	20.0	19.8	19.8	19.5	18.9	18.3	17.7	16.5	15.3	14.1	13.4
50°	19.8	19.9	20.0	19.6	19.1	18.5	17.9	17.0	16.3	15.4	14.9
47.5°	20.6	20.8	22.0	20.1	19.8	20.3	20.0	19.2	19.0	18.5	18.0
45°	24.2	28.3	29.4	27.9	24.5	27.2	26.3	23.2	25.0	24.8	23.3
42.5°	43.0	47.5	51.0	48.8	41.8	44.1	44.1	39.4	40.7	40.8	39.0
40°	82.1	80.5	86.1	83.8	76.2	73.4	76.6	71.2	70.2	72.9	69.7
37.5°	135.1	136.0	133.5	133.8	131.0	123.7	128.1	126.6	122.2	130.7	131.6
35°	211.2	217.8	197.1	205.2	208.8	200.8	205.9	220.3	211.0	230.9	236.3
32.5°	313.1	326.7	317.0	307.5	323.1	335.5	341.3	371.8	380.0	398.0	419.4
30°	438.8	474.1	501.9	484.5	482.6	526.4	551.6	592.7	632.5	656.3	700.0
27.5°	700.3	689.5	755.7	775.3	731.6	801.7	896.7	914.7	1035.9	1045.8	1130.6
25°	1106.8	1101.2	1121.1	1217.2	1241.5	1276.6	1439.7	1525.8	1664.8	1740.0	1804.9
22.5°	1652.6	1806.9	1833.1	1789.0	2000.1	2138.2	2183.8	2431.7	2545.1	2714.4	2765.3
20°	2335.3	2694.1	3147.2	3154.4	3067.5	3465.2	3630.0	3760.3	4037.5	4230.5	4361.4
17.5°	4125.0	4122.2	5047.9	5559.3	5501.4	5787.8	6598.0	6514.4	7169.0	7565.9	7582.6
15°	6751.6	7241.2	7828.6	8756.3	9545.8	10182.2	10951.5	11956.6	12770.5	13726.6	14452.3
12.5°	9756.6	10720.7	11726.1	12784.3	14023.4	15430.5	16960.9	18300.7	19894.4	21289.1	22731.3
10°	12767.4	14294.5	15713.5	17294.9	19056.1	20930.4	23174.8	25135.7	27493.3	29561.0	30920.3
7.5°	15528.3	17360.2	19278.0	21576.7	24034.9	26388.6	28929.4	31679.8	34438.0	36827.0	38855.7
5°	18226.8	20286.1	22411.8	24943.9	27753.1	30702.3	33846.4	37099.2	39989.3	42710.8	45079.6
2.5°	20343.7	22702.6	25131.1	27994.4	31016.7	34005.5	37152.9	40654.7	44015.8	47198.8	49632.3
0°	21601.9	23968.7	26351.3	29385.0	32703.6	35915.4	39424.0	43152.3	46700.5	49744.1	52000.1
-2.5°	21100.7	23406.0	25813.5	28810.6	32007.9	35000.5	38352.8	41964.4	45400.9	48483.4	50824.8
-5°	19967.5	22035.7	24242.7	27013.9	30005.0	32978.2	36264.7	39700.3	42665.0	45401.0	47500.4
-7.5°	18374.0	20282.1	22340.3	24906.0	27656.6	30253.0	32939.4	35711.1	38409.0	40749.1	42476.3
-10°	16681.6	18408.9	20180.6	22238.2	24582.4	26848.6	29115.3	31643.3	33866.8	35798.7	37223.1
-12.5°	14984.4	16403.4	17801.1	19374.4	21385.9	23425.5	25385.9	27505.8	29276.8	30870.5	32137.7
-15°	13355.3	14460.0	15520.6	17043.3	18814.7	20320.9	21527.2	23447.3	24649.5	26066.2	26952.2
-17.5°	11841.1	12723.2	14012.1	15321.1	16584.9	17822.8	19214.6	20351.3	21531.4	22688.6	23450.1
-20°	10649.7	11740.7	12830.2	13894.7	14980.4	16161.9	17263.8	18337.9	19366.3	20255.7	20866.2



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9874.2	10842.7	11759.8	12717.8	13775.4	14767.5	15698.5	16687.6	17567.0	18231.0	18727.7
-25°	9129.5	9971.8	10864.1	11822.5	12717.4	13552.5	14409.7	15173.3	15923.6	16476.5	16941.3
-27.5°	8458.3	9257.4	10136.5	10985.9	11783.6	12564.1	13292.6	13925.1	14550.2	14992.4	15454.6
-30°	7874.5	8683.8	9483.3	10238.5	10987.7	11694.8	12337.1	12937.7	13462.2	13892.9	14280.3
-32.5°	7433.5	8167.4	8879.4	9585.9	10295.9	10947.8	11510.1	12086.9	12569.6	12982.6	13333.4
-35°	6997.4	7687.5	8345.6	8993.0	9646.5	10275.0	10819.4	11321.7	11796.7	12166.4	12487.9
-37.5°	6572.2	7215.6	7824.5	8406.8	9004.7	9584.2	10080.8	10552.6	10977.2	11318.8	11623.8
-40°	6143.8	6733.3	7277.6	7820.1	8357.4	8842.9	9309.7	9744.3	10108.1	10423.0	10700.6
-42.5°	5701.3	6220.2	6711.3	7207.7	7698.5	8128.1	8540.1	8930.5	9240.1	9519.3	9759.6
-45°	5257.0	5713.7	6163.6	6609.6	7013.4	7410.1	7783.5	8113.2	8392.4	8639.6	8848.0
-47.5°	4829.4	5217.6	5629.2	6035.9	6382.8	6722.4	7049.0	7328.5	7571.0	7787.2	7970.6
-50°	4402.1	4748.5	5107.5	5456.6	5774.7	6072.7	6346.5	6590.7	6811.7	6998.5	7155.9
-52.5°	3979.1	4300.7	4607.6	4891.5	5180.5	5454.5	5709.2	5922.7	6116.3	6289.1	6427.8
-55°	3575.3	3859.7	4146.6	4388.3	4621.9	4850.2	5062.2	5253.0	5428.4	5587.2	5711.5
-57.5°	3167.9	3415.9	3655.7	3872.4	4082.1	4283.5	4455.3	4604.8	4744.8	4873.1	4982.7
-60°	2774.7	2981.4	3183.9	3364.8	3539.5	3707.0	3853.4	3980.6	4093.4	4192.8	4282.7
-62.5°	2405.5	2583.2	2744.6	2890.6	3027.3	3163.9	3288.6	3398.7	3494.2	3576.0	3646.4
-65°	2066.2	2213.1	2342.3	2463.2	2576.7	2691.8	2791.9	2882.3	2962.7	3030.3	3084.5
-67.5°	1764.4	1879.4	1986.9	2080.6	2177.1	2275.0	2365.7	2444.8	2513.0	2567.0	2609.1
-70°	1509.9	1603.1	1699.4	1792.8	1884.7	1968.8	2047.2	2117.2	2179.6	2226.1	2263.2
-72.5°	1315.7	1394.2	1483.1	1577.3	1664.5	1748.2	1827.9	1902.0	1971.1	2015.4	2049.9
-75°	1176.2	1257.3	1336.8	1415.2	1492.5	1566.1	1640.3	1716.0	1792.5	1837.5	1873.7
-77.5°	1022.0	1078.9	1138.0	1202.1	1270.2	1336.2	1400.9	1464.7	1527.2	1558.6	1582.4
-80°	783.5	828.9	873.4	918.5	963.7	1010.2	1057.1	1103.6	1149.3	1170.4	1186.2
-82.5°	510.7	541.8	571.4	599.9	627.2	650.5	672.2	692.5	711.1	720.3	726.5
-85°	267.4	281.2	294.1	306.3	317.8	325.0	331.1	336.3	340.6	346.3	351.2
-87.5°	102.9	106.8	110.6	114.3	118.0	119.7	121.3	122.6	123.7	125.6	127.3
-90°	7.9	7.4	6.9	6.4	5.9	5.4	5.0	4.5	4.0	4.0	4.0



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	38.1	37.6	38.6	39.6	38.6	37.6	38.1	38.6	39.1	39.6	38.1
87.5°	15.8	13.9	12.9	11.9	12.9	13.9	15.8	17.6	19.5	21.2	19.6
85°	29.0	25.6	23.7	21.8	23.7	25.6	29.0	32.3	35.4	38.4	36.4
82.5°	35.0	33.5	33.6	33.6	33.6	33.5	35.0	36.5	38.0	39.7	41.2
80°	40.4	39.5	39.6	39.6	39.6	39.5	40.4	41.3	42.2	43.3	47.2
77.5°	43.9	43.4	42.6	41.6	42.6	43.4	43.9	44.3	44.8	45.9	51.1
75°	40.4	39.7	39.6	39.6	39.6	39.7	40.4	41.0	41.8	43.4	49.0
72.5°	34.5	33.8	33.6	33.6	33.6	33.8	34.5	35.4	36.2	38.0	42.4
70°	30.0	29.8	28.8	27.7	28.8	29.8	30.0	30.3	30.8	32.1	34.9
67.5°	24.8	24.0	23.7	23.7	23.7	24.0	24.8	25.6	26.4	27.5	29.3
65°	20.8	20.1	19.8	19.8	19.8	20.1	20.8	21.6	22.5	23.8	25.4
62.5°	18.7	18.0	17.0	15.8	17.0	18.0	18.7	19.4	20.2	21.1	22.3
60°	16.8	16.1	15.0	13.9	15.0	16.1	16.8	17.5	18.3	19.1	20.0
57.5°	14.9	14.2	13.9	13.9	13.9	14.2	14.9	15.6	16.4	17.3	18.2
55°	13.0	12.2	11.9	11.9	11.9	12.2	13.0	13.8	14.7	15.8	16.8
52.5°	12.8	12.2	11.9	11.9	11.9	12.2	12.8	13.4	14.1	15.3	16.5
50°	14.5	14.0	13.9	13.9	13.9	14.0	14.5	14.9	15.4	16.3	17.0
47.5°	17.3	16.3	15.8	15.8	15.8	16.3	17.3	18.0	18.5	19.0	19.2
45°	22.8	22.1	21.7	21.8	21.7	22.1	22.8	23.3	24.8	25.0	23.2
42.5°	39.4	38.3	36.7	35.6	36.7	38.3	39.4	39.0	40.8	40.7	39.4
40°	69.9	68.4	66.1	65.3	66.1	68.4	69.9	69.7	72.9	70.2	71.2
37.5°	133.4	132.4	128.1	126.7	128.1	132.4	133.4	131.6	130.7	122.2	126.6
35°	235.9	237.7	233.7	233.5	233.7	237.7	235.9	236.3	230.9	211.0	220.3
32.5°	426.5	431.1	419.1	425.5	419.1	431.1	426.5	419.4	398.0	380.0	371.8
30°	698.6	714.2	707.2	710.4	707.2	714.2	698.6	700.0	656.3	632.5	592.7
27.5°	1138.9	1150.5	1126.5	1118.1	1126.5	1150.5	1138.9	1130.6	1045.8	1035.9	914.7
25°	1841.5	1848.8	1825.3	1834.5	1825.3	1848.8	1841.5	1804.9	1740.0	1664.8	1525.8
22.5°	2868.6	2841.1	2815.0	2790.3	2815.0	2841.1	2868.6	2765.3	2714.4	2545.1	2431.7
20°	4483.0	4419.6	4411.2	4363.5	4411.2	4419.6	4483.0	4361.4	4230.5	4037.5	3760.3
17.5°	7987.3	8102.2	7847.1	7353.7	7847.1	8102.2	7987.3	7582.6	7565.9	7169.0	6514.4
15°	14879.9	15419.9	15651.8	15085.3	15651.8	15419.9	14879.9	14452.3	13726.6	12770.5	11956.6
12.5°	23527.4	23907.6	24368.0	24032.0	24368.0	23907.6	23527.4	22731.3	21289.1	19894.4	18300.7
10°	32088.0	32657.1	33354.1	33040.0	33354.1	32657.1	32088.0	30920.3	29561.0	27493.3	25135.7
7.5°	39972.1	40952.8	41565.3	41171.5	41565.3	40952.8	39972.1	38855.7	36827.0	34438.0	31679.8
5°	46700.8	47476.1	47845.3	47743.4	47845.3	47476.1	46700.8	45079.6	42710.8	39989.3	37099.2
2.5°	51015.9	51834.3	52165.1	51890.3	52165.1	51834.3	51015.9	49632.3	47198.8	44015.8	40654.7
0°	53125.1	53891.9	54418.3	54459.9	54418.3	53891.9	53125.1	52000.1	49744.1	46700.5	43152.3
-2.5°	51906.2	52372.2	52624.0	52456.2	52624.0	52372.2	51906.2	50824.8	48483.4	45400.9	41964.4
-5°	48714.1	49206.9	49366.8	49562.0	49366.8	49206.9	48714.1	47500.4	45401.0	42665.0	39700.3
-7.5°	43447.9	43988.5	44387.1	44370.4	44387.1	43988.5	43447.9	42476.3	40749.1	38409.0	35711.1
-10°	38282.6	38684.2	39100.1	39030.2	39100.1	38684.2	38282.6	37223.1	35798.7	33866.8	31643.3
-12.5°	33163.5	33833.6	33996.4	33947.4	33996.4	33833.6	33163.5	32137.7	30870.5	29276.8	27505.8
-15°	27960.8	28457.3	28416.6	28284.7	28416.6	28457.3	27960.8	26952.2	26066.2	24649.5	23447.3
-17.5°	24109.0	24382.7	24487.4	24384.2	24487.4	24382.7	24109.0	23450.1	22688.6	21531.4	20351.3
-20°	21368.1	21579.6	21650.9	21698.9	21650.9	21579.6	21368.1	20866.2	20255.7	19366.3	18337.9



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19155.4	19371.6	19434.1	19516.1	19434.1	19371.6	19155.4	18727.7	18231.0	17567.0	16687.6
-25°	17299.8	17511.0	17582.4	17663.8	17582.4	17511.0	17299.8	16941.3	16476.5	15923.6	15173.3
-27.5°	15764.5	15970.7	16056.5	16118.3	16056.5	15970.7	15764.5	15454.6	14992.4	14550.2	13925.1
-30°	14555.5	14758.5	14881.3	14921.1	14881.3	14758.5	14555.5	14280.3	13892.9	13462.2	12937.7
-32.5°	13596.2	13773.5	13888.8	13947.4	13888.8	13773.5	13596.2	13333.4	12982.6	12569.6	12086.9
-35°	12741.9	12919.8	13039.7	13100.4	13039.7	12919.8	12741.9	12487.9	12166.4	11796.7	11321.7
-37.5°	11868.2	12061.9	12188.7	12192.1	12188.7	12061.9	11868.2	11623.8	11318.8	10977.2	10552.6
-40°	10904.3	11057.9	11158.5	11198.7	11158.5	11057.9	10904.3	10700.6	10423.0	10108.1	9744.3
-42.5°	9937.6	10068.0	10149.6	10183.5	10149.6	10068.0	9937.6	9759.6	9519.3	9240.1	8930.5
-45°	9014.6	9146.1	9214.1	9204.0	9214.1	9146.1	9014.6	8848.0	8639.6	8392.4	8113.2
-47.5°	8111.5	8213.5	8269.3	8281.8	8269.3	8213.5	8111.5	7970.6	7787.2	7571.0	7328.5
-50°	7289.5	7397.7	7443.8	7430.8	7443.8	7397.7	7289.5	7155.9	6998.5	6811.7	6590.7
-52.5°	6542.1	6634.0	6673.9	6669.0	6673.9	6634.0	6542.1	6427.8	6289.1	6116.3	5922.7
-55°	5813.2	5892.7	5924.3	5918.9	5924.3	5892.7	5813.2	5711.5	5587.2	5428.4	5253.0
-57.5°	5073.6	5145.2	5166.4	5153.1	5166.4	5145.2	5073.6	4982.7	4873.1	4744.8	4604.8
-60°	4357.3	4416.0	4434.4	4426.8	4434.4	4416.0	4357.3	4282.7	4192.8	4093.4	3980.6
-62.5°	3704.5	3750.0	3768.6	3769.8	3768.6	3750.0	3704.5	3646.4	3576.0	3494.2	3398.7
-65°	3128.5	3162.2	3177.2	3180.1	3177.2	3162.2	3128.5	3084.5	3030.3	2962.7	2882.3
-67.5°	2643.0	2669.3	2678.5	2679.5	2678.5	2669.3	2643.0	2609.1	2567.0	2513.0	2444.8
-70°	2296.4	2325.8	2338.0	2345.0	2338.0	2325.8	2296.4	2263.2	2226.1	2179.6	2117.2
-72.5°	2082.3	2112.5	2126.7	2137.2	2126.7	2112.5	2082.3	2049.9	2015.4	1971.1	1902.0
-75°	1908.1	1940.1	1950.2	1955.2	1950.2	1940.1	1908.1	1873.7	1837.5	1792.5	1716.0
-77.5°	1603.1	1620.4	1626.8	1628.7	1626.8	1620.4	1603.1	1582.4	1558.6	1527.2	1464.7
-80°	1198.7	1207.7	1224.9	1238.8	1224.9	1207.7	1198.7	1186.2	1170.4	1149.3	1103.6
-82.5°	730.4	731.9	742.0	750.0	742.0	731.9	730.4	726.5	720.3	711.1	692.5
-85°	355.3	358.4	366.6	374.0	366.6	358.4	355.3	351.2	346.3	340.6	336.3
-87.5°	128.8	130.2	129.5	128.6	129.5	130.2	128.8	127.3	125.6	123.7	122.6
-90°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	36.6	35.1	33.6	33.1	32.7	32.2	31.7	29.2	26.8	24.3	21.8
87.5°	18.0	16.4	14.9	15.2	15.5	15.8	16.0	15.0	14.0	13.0	12.2
85°	34.4	32.3	30.3	30.5	30.6	30.6	30.4	29.6	28.5	27.1	25.4
82.5°	42.4	43.2	43.9	47.0	49.5	51.3	52.2	51.9	50.9	49.2	46.7
80°	50.7	53.8	57.1	63.4	69.0	73.9	77.6	78.9	79.7	79.5	76.8
77.5°	56.1	60.9	66.6	76.1	85.0	93.2	99.9	103.1	104.6	105.2	102.4
75°	54.6	60.4	68.4	81.2	93.5	105.5	114.2	119.4	123.6	126.8	123.8
72.5°	47.2	52.6	62.0	77.0	92.5	106.4	118.6	128.8	137.4	144.3	139.9
70°	38.2	41.9	50.7	64.5	79.3	94.7	110.9	127.6	144.7	156.4	149.4
67.5°	31.3	33.5	39.9	49.8	62.3	76.7	93.7	112.9	131.3	149.1	147.4
65°	27.0	28.8	32.7	39.1	47.4	57.9	71.2	87.9	107.8	128.0	130.9
62.5°	23.7	25.3	28.0	31.6	36.4	42.6	52.3	66.0	82.4	96.4	103.5
60°	20.9	21.9	23.6	25.9	28.9	32.8	39.5	48.3	59.5	71.1	78.6
57.5°	19.2	20.0	20.7	21.8	23.2	26.1	30.1	35.0	44.1	51.3	57.6
55°	17.6	18.5	19.2	19.7	20.1	21.7	23.8	27.3	32.6	36.9	44.2
52.5°	17.7	18.3	18.9	19.5	19.8	19.8	20.0	22.4	25.7	30.5	34.7
50°	17.9	18.5	19.1	19.6	20.0	19.9	19.8	19.9	22.8	26.5	30.1
47.5°	20.0	20.3	19.8	20.1	22.0	20.8	20.6	22.0	24.8	24.9	28.1
45°	26.3	27.2	24.5	27.9	29.4	28.3	24.2	29.6	31.2	30.6	27.5
42.5°	44.1	44.1	41.8	48.8	51.0	47.5	43.0	47.3	45.5	40.9	46.0
40°	76.6	73.4	76.2	83.8	86.1	80.5	82.1	76.6	71.5	60.3	78.3
37.5°	128.1	123.7	131.0	133.8	133.5	136.0	135.1	123.7	107.8	116.9	131.1
35°	205.9	200.8	208.8	205.2	197.1	217.8	211.2	185.7	172.9	187.3	196.7
32.5°	341.3	335.5	323.1	307.5	317.0	326.7	313.1	275.4	280.8	280.8	270.5
30°	551.6	526.4	482.6	484.5	501.9	474.1	438.8	452.1	433.3	394.8	356.9
27.5°	896.7	801.7	731.6	775.3	755.7	689.5	700.3	680.7	617.5	546.2	494.7
25°	1439.7	1276.6	1241.5	1217.2	1121.1	1101.2	1106.8	1014.6	865.2	761.6	831.9
22.5°	2183.8	2138.2	2000.1	1789.0	1833.1	1806.9	1652.6	1442.6	1287.2	1399.8	1309.9
20°	3630.0	3465.2	3067.5	3154.4	3147.2	2694.1	2335.3	2363.7	2453.7	2257.3	1910.4
17.5°	6598.0	5787.8	5501.4	5559.3	5047.9	4122.2	4125.0	4169.0	3860.7	3287.3	2613.8
15°	10951.5	10182.2	9545.8	8756.3	7828.6	7241.2	6751.6	6293.4	5508.0	4527.0	3637.9
12.5°	16960.9	15430.5	14023.4	12784.3	11726.1	10720.7	9756.6	8724.0	7444.8	6221.1	5195.4
10°	23174.8	20930.4	19056.1	17294.9	15713.5	14294.5	12767.4	11195.2	9587.5	8062.8	6753.0
7.5°	28929.4	26388.6	24034.9	21576.7	19278.0	17360.2	15528.3	13636.1	11697.8	9885.5	8296.1
5°	33846.4	30702.3	27753.1	24943.9	22411.8	20286.1	18226.8	16036.1	13751.8	11667.3	9803.7
2.5°	37152.9	34005.5	31016.7	27994.4	25131.1	22702.6	20343.7	17836.8	15194.9	12737.2	10635.0
0°	39424.0	35915.4	32703.6	29385.0	26351.3	23968.7	21601.9	19061.0	16284.5	13587.3	11396.6
-2.5°	38352.8	35000.5	32007.9	28810.6	25813.5	23406.0	21100.7	18789.7	16066.4	13494.8	11382.2
-5°	36264.7	32978.2	30005.0	27013.9	24242.7	22035.7	19967.5	17928.2	15488.4	13201.0	11281.5
-7.5°	32939.4	30253.0	27656.6	24906.0	22340.3	20282.1	18374.0	16451.7	14303.7	12267.5	10517.5
-10°	29115.3	26848.6	24582.4	22238.2	20180.6	18408.9	16681.6	14925.2	13057.7	11277.0	9712.1
-12.5°	25385.9	23425.5	21385.9	19374.4	17801.1	16403.4	14984.4	13428.5	11775.3	10244.5	8888.2
-15°	21527.2	20320.9	18814.7	17043.3	15520.6	14460.0	13355.3	12086.1	10660.3	9265.7	8062.3
-17.5°	19214.6	17822.8	16584.9	15321.1	14012.1	12723.2	11841.1	10836.5	9676.0	8500.8	7422.6
-20°	17263.8	16161.9	14980.4	13894.7	12830.2	11740.7	10649.7	9678.1	8755.5	7797.7	6892.5



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15698.5	14767.5	13775.4	12717.8	11759.8	10842.7	9874.2	8861.0	7887.4	7112.0	6362.4
-25°	14409.7	13552.5	12717.4	11822.5	10864.1	9971.8	9129.5	8250.4	7348.6	6490.9	5845.7
-27.5°	13292.6	12564.1	11783.6	10985.9	10136.5	9257.4	8458.3	7672.8	6874.7	6103.0	5383.7
-30°	12337.1	11694.8	10987.7	10238.5	9483.3	8683.8	7874.5	7163.1	6453.4	5747.3	5076.6
-32.5°	11510.1	10947.8	10295.9	9585.9	8879.4	8167.4	7433.5	6686.2	6045.6	5424.8	4809.6
-35°	10819.4	10275.0	9646.5	8993.0	8345.6	7687.5	6997.4	6313.5	5681.3	5103.8	4538.6
-37.5°	10080.8	9584.2	9004.7	8406.8	7824.5	7215.6	6572.2	5944.4	5340.7	4800.6	4285.6
-40°	9309.7	8842.9	8357.4	7820.1	7277.6	6733.3	6143.8	5559.6	5017.8	4501.5	4027.4
-42.5°	8540.1	8128.1	7698.5	7207.7	6711.3	6220.2	5701.3	5179.0	4682.8	4212.7	3770.4
-45°	7783.5	7410.1	7013.4	6609.6	6163.6	5713.7	5257.0	4800.2	4353.2	3920.4	3501.2
-47.5°	7049.0	6722.4	6382.8	6035.9	5629.2	5217.6	4829.4	4429.6	4016.9	3615.0	3244.6
-50°	6346.5	6072.7	5774.7	5456.6	5107.5	4748.5	4402.1	4046.4	3675.2	3324.2	2981.4
-52.5°	5709.2	5454.5	5180.5	4891.5	4607.6	4300.7	3979.1	3669.9	3349.5	3027.6	2719.1
-55°	5062.2	4850.2	4621.9	4388.3	4146.6	3859.7	3575.3	3296.9	3014.7	2721.5	2462.7
-57.5°	4455.3	4283.5	4082.1	3872.4	3655.7	3415.9	3167.9	2916.3	2681.2	2440.1	2206.8
-60°	3853.4	3707.0	3539.5	3364.8	3183.9	2981.4	2774.7	2567.4	2360.3	2165.2	1967.6
-62.5°	3288.6	3163.9	3027.3	2890.6	2744.6	2583.2	2405.5	2237.5	2070.2	1900.5	1737.6
-65°	2791.9	2691.8	2576.7	2463.2	2342.3	2213.1	2066.2	1928.2	1794.1	1656.7	1514.2
-67.5°	2365.7	2275.0	2177.1	2080.6	1986.9	1879.4	1764.4	1646.9	1537.7	1424.8	1305.4
-70°	2047.2	1968.8	1884.7	1792.8	1699.4	1603.1	1509.9	1415.3	1312.9	1218.2	1127.9
-72.5°	1827.9	1748.2	1664.5	1577.3	1483.1	1394.2	1315.7	1239.8	1157.0	1067.0	980.9
-75°	1640.3	1566.1	1492.5	1415.2	1336.8	1257.3	1176.2	1098.6	1023.2	950.4	877.1
-77.5°	1400.9	1336.2	1270.2	1202.1	1138.0	1078.9	1022.0	954.1	880.4	811.0	742.5
-80°	1057.1	1010.2	963.7	918.5	873.4	828.9	783.5	731.0	681.3	631.0	576.3
-82.5°	672.2	650.5	627.2	599.9	571.4	541.8	510.7	474.1	438.0	402.4	367.0
-85°	331.1	325.0	317.8	306.3	294.1	281.2	267.4	251.7	235.5	219.0	202.2
-87.5°	121.3	119.7	118.0	114.3	110.6	106.8	102.9	98.6	94.1	89.5	84.7
-90°	5.0	5.4	5.9	6.4	6.9	7.4	7.9	7.9	7.9	7.9	7.9



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	20.3	18.8	17.3	15.8	15.3	14.9	14.4	13.9	13.4	12.9	12.4
87.5°	13.3	14.3	15.2	15.9	14.8	13.8	12.9	12.1	12.3	12.3	12.2
85°	24.8	24.4	24.3	24.4	22.3	19.8	17.9	16.3	16.6	16.7	16.5
82.5°	42.0	38.9	36.5	34.7	33.5	31.6	29.0	25.7	22.8	21.3	20.9
80°	68.8	61.4	54.6	48.7	45.4	43.7	41.5	37.8	31.8	27.5	24.9
77.5°	92.5	83.2	74.5	65.7	58.3	52.9	49.6	47.4	40.5	33.5	28.7
75°	113.1	101.5	90.4	79.7	69.6	61.5	55.0	50.3	44.4	38.8	32.1
72.5°	127.2	115.2	103.9	91.8	78.6	67.7	59.3	53.0	46.7	40.7	34.9
70°	137.2	125.9	113.8	99.9	86.0	72.9	62.2	54.9	48.8	42.4	36.3
67.5°	143.4	130.6	119.0	106.6	92.2	77.9	64.6	56.7	50.3	44.0	37.6
65°	128.2	125.4	121.6	108.2	95.5	82.5	68.3	58.9	51.8	45.3	38.8
62.5°	108.8	111.0	109.1	105.9	96.1	83.6	71.8	62.3	53.4	46.5	39.8
60°	84.9	91.2	95.2	94.3	91.4	83.4	73.0	65.4	56.0	47.6	40.8
57.5°	65.8	71.9	78.5	82.3	81.7	78.6	73.4	66.5	58.3	49.3	41.8
55°	49.8	57.1	64.0	69.5	72.0	70.5	71.6	66.7	59.9	50.9	43.1
52.5°	40.1	46.0	52.4	58.5	62.5	63.8	66.7	66.8	60.0	52.3	45.0
50°	33.9	40.5	44.9	49.5	54.3	58.5	62.2	63.5	59.9	53.1	46.9
47.5°	33.9	40.4	43.0	43.6	47.6	53.7	58.2	60.3	59.7	52.9	48.8
45°	41.1	45.7	45.8	44.5	43.8	50.8	54.6	57.5	57.4	54.1	50.7
42.5°	55.2	58.8	54.7	47.3	52.0	49.9	51.5	54.8	55.3	55.6	52.3
40°	84.9	79.8	69.0	68.0	68.4	51.1	51.9	52.5	54.0	56.9	53.7
37.5°	123.5	112.5	94.1	100.4	93.4	71.9	53.9	50.6	55.3	58.0	55.2
35°	184.9	156.2	145.7	144.8	129.8	97.8	57.2	50.9	57.8	59.5	56.9
32.5°	258.3	232.8	221.9	198.4	173.0	128.8	74.8	60.8	61.5	61.5	58.6
30°	354.3	365.5	314.2	257.8	223.0	169.7	112.0	73.3	66.6	64.0	60.5
27.5°	545.3	527.5	427.8	341.6	278.8	220.4	175.4	88.1	72.8	67.3	62.3
25°	796.9	723.4	585.0	441.6	338.3	373.7	255.2	106.7	83.3	72.1	64.4
22.5°	1136.4	955.2	761.7	550.5	569.7	568.0	365.6	167.3	96.6	77.5	66.7
20°	1531.4	1218.7	1026.1	952.2	859.4	775.7	514.3	236.5	110.9	83.5	69.2
17.5°	1993.3	1794.1	1688.9	1443.3	1194.6	1002.5	685.2	312.5	126.1	89.9	71.8
15°	3104.8	2759.7	2426.7	1984.8	1557.2	1244.8	873.2	393.3	141.8	96.7	79.0
12.5°	4384.7	3769.3	3221.6	2565.2	1940.3	1498.6	1073.2	476.8	157.8	112.1	92.4
10°	5689.7	4809.0	4057.1	3171.6	2336.3	1759.3	1279.3	570.1	195.4	134.8	106.3
7.5°	7002.2	5863.4	4914.5	3789.8	2726.8	2014.4	1497.6	681.3	236.8	157.8	120.4
5°	8198.0	6753.3	5610.4	4287.0	3052.2	2255.1	1709.1	788.1	278.3	180.8	134.6
2.5°	8908.5	7361.7	6175.1	4741.9	3360.5	2485.6	1906.3	887.8	319.0	203.6	148.6
0°	9560.2	7927.6	6696.7	5161.0	3647.1	2703.2	2083.8	977.6	358.2	225.6	162.3
-2.5°	9508.7	7937.9	6683.7	5223.4	3776.3	2816.7	2160.8	1087.6	467.0	304.5	214.3
-5°	9399.1	7900.8	6627.5	5246.0	3878.1	2912.6	2215.2	1185.2	572.1	381.3	265.0
-7.5°	8914.0	7610.6	6444.5	5207.6	3951.6	2988.8	2249.6	1270.6	672.1	454.9	313.6
-10°	8319.6	7158.1	6089.0	4956.9	3841.3	2980.6	2256.8	1344.0	765.8	524.3	359.6
-12.5°	7705.1	6688.1	5720.9	4688.3	3685.8	2898.1	2186.7	1373.9	848.4	588.4	402.0
-15°	7081.2	6208.6	5349.2	4408.4	3518.7	2804.7	2110.6	1380.3	898.6	640.7	440.5
-17.5°	6490.7	5726.9	4982.3	4123.3	3343.4	2702.0	2032.5	1380.5	942.3	680.7	473.8
-20°	6073.7	5328.8	4625.9	3838.7	3163.0	2591.6	1955.7	1375.5	979.3	715.9	502.7



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5658.9	4993.7	4319.5	3600.0	2996.3	2474.8	1883.7	1366.4	1009.2	746.1	527.5
-25°	5240.9	4654.1	4032.0	3410.5	2850.8	2362.8	1835.4	1354.3	1031.7	771.0	547.9
-27.5°	4850.2	4319.1	3756.7	3220.4	2723.1	2267.4	1805.4	1372.9	1050.2	790.4	563.7
-30°	4473.9	4016.7	3528.8	3040.6	2589.9	2172.4	1775.9	1383.8	1068.7	805.9	574.7
-32.5°	4217.0	3739.6	3317.1	2885.7	2468.6	2072.8	1719.7	1385.3	1080.0	816.1	584.5
-35°	4016.9	3532.9	3115.0	2728.2	2349.6	1984.8	1650.1	1377.2	1084.2	819.9	591.0
-37.5°	3798.1	3353.2	2941.7	2579.3	2226.1	1889.1	1589.4	1332.2	1081.0	817.0	592.8
-40°	3584.4	3165.2	2780.7	2440.4	2109.3	1786.0	1522.0	1285.1	1071.0	807.4	590.0
-42.5°	3353.8	2973.2	2621.5	2297.9	1989.0	1704.1	1449.7	1231.4	1027.5	796.6	582.5
-45°	3127.3	2774.4	2454.4	2155.1	1866.7	1615.8	1382.7	1171.6	975.6	782.4	571.2
-47.5°	2890.9	2578.0	2283.1	2002.7	1761.4	1523.8	1308.1	1108.0	919.3	761.6	556.1
-50°	2663.0	2377.2	2107.7	1862.4	1641.6	1432.5	1227.8	1039.2	867.3	716.5	536.1
-52.5°	2437.3	2177.4	1938.0	1719.1	1522.4	1333.3	1145.0	966.3	810.6	668.7	511.3
-55°	2211.5	1981.9	1768.6	1577.9	1399.0	1230.7	1056.9	895.8	749.3	618.4	482.2
-57.5°	1994.1	1785.0	1606.3	1436.3	1273.9	1120.8	967.8	820.2	687.0	565.1	451.2
-60°	1777.7	1607.4	1445.6	1292.0	1145.3	1009.2	875.7	741.9	622.2	510.4	410.0
-62.5°	1579.2	1427.1	1281.3	1143.3	1017.7	897.8	780.1	664.2	554.3	458.6	364.8
-65°	1381.0	1246.4	1112.8	1002.2	892.2	787.6	687.8	583.2	492.2	405.3	320.9
-67.5°	1184.7	1078.9	964.3	862.3	776.5	688.5	593.9	510.2	430.6	350.7	282.6
-70°	1031.9	928.1	830.6	750.2	672.6	591.8	516.0	440.2	367.7	306.7	243.7
-72.5°	901.7	816.5	725.2	643.9	581.8	514.2	441.1	372.5	318.5	262.4	204.0
-75°	796.5	710.7	631.0	563.3	502.2	436.3	372.5	318.9	269.1	217.4	168.6
-77.5°	669.4	601.7	539.7	472.5	409.9	354.4	306.5	264.8	218.0	173.3	133.8
-80°	513.9	455.2	400.5	350.5	307.1	269.5	235.4	200.8	162.5	128.2	98.1
-82.5°	327.2	294.7	265.2	237.3	210.7	184.4	158.4	132.5	105.8	82.1	67.8
-85°	184.1	166.8	150.4	134.9	116.7	98.7	87.7	77.3	67.4	58.1	49.5
-87.5°	81.1	77.3	73.3	69.1	62.9	56.9	51.1	45.7	40.5	35.6	31.0
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.9	11.4	10.9	10.4	9.9	8.9	7.9
87.5°	12.0	11.0	10.1	9.4	8.8	8.2	7.9
85°	16.1	14.1	12.3	10.9	9.6	8.6	7.9
82.5°	20.1	17.1	14.5	12.3	10.5	8.9	7.9
80°	23.8	20.1	16.7	13.8	11.3	9.3	7.9
77.5°	25.7	22.4	18.9	15.2	12.1	9.6	7.9
75°	27.4	23.4	20.6	16.6	13.0	9.9	7.9
72.5°	29.1	24.3	21.0	18.0	13.7	10.3	7.9
70°	30.5	25.1	21.3	19.0	14.5	10.6	7.9
67.5°	31.7	25.8	21.5	18.9	15.2	10.9	7.9
65°	32.8	26.6	21.6	18.8	16.0	11.2	7.9
62.5°	34.0	27.7	21.7	18.7	16.6	11.5	7.9
60°	35.1	28.8	21.6	18.4	17.3	11.7	7.9
57.5°	36.4	29.8	22.5	18.2	17.1	12.0	7.9
55°	37.8	30.9	23.4	17.9	17.0	12.3	7.9
52.5°	39.2	31.9	24.2	17.5	16.8	12.5	7.9
50°	40.7	33.2	25.1	17.1	16.7	12.7	7.9
47.5°	42.3	34.6	25.8	16.9	16.6	12.9	7.9
45°	43.9	36.0	26.6	17.5	16.5	13.1	7.9
42.5°	45.6	37.3	27.3	18.0	16.5	13.3	7.9
40°	47.2	38.7	28.2	18.8	16.5	13.5	7.9
37.5°	48.8	40.1	29.2	19.9	16.5	13.6	7.9
35°	50.4	41.4	30.2	20.9	16.5	13.7	7.9
32.5°	51.9	42.6	31.2	22.0	16.5	13.8	7.9
30°	53.3	43.8	32.1	23.1	16.5	13.9	7.9
27.5°	54.6	44.9	34.1	24.1	16.6	14.0	7.9
25°	56.0	45.9	36.2	25.2	16.7	14.1	7.9
22.5°	57.4	47.7	38.4	26.2	16.8	14.1	7.9
20°	58.8	51.4	40.5	27.2	16.9	14.2	7.9
17.5°	63.9	55.3	42.6	28.2	17.0	14.2	7.9
15°	71.6	59.3	44.7	29.1	17.1	14.2	7.9
12.5°	79.6	63.4	46.7	30.0	17.2	14.2	7.9
10°	87.9	67.6	48.7	30.9	17.4	14.1	7.9
7.5°	96.3	71.6	50.6	31.7	17.5	14.1	7.9
5°	104.6	75.6	52.3	32.4	17.6	14.0	7.9
2.5°	112.8	79.5	53.9	33.0	17.7	14.0	7.9
0°	120.7	83.1	55.4	33.6	17.8	13.9	7.9
-2.5°	152.2	101.1	64.7	37.7	19.2	14.2	7.9
-5°	182.9	118.7	73.8	41.7	20.5	14.5	7.9
-7.5°	212.3	135.5	82.4	45.5	21.8	14.7	7.9
-10°	240.1	151.5	90.6	49.1	23.1	15.0	7.9
-12.5°	265.8	166.2	98.2	52.4	24.3	15.2	7.9
-15°	289.1	179.7	105.1	55.5	25.4	15.4	7.9
-17.5°	309.7	191.6	111.3	58.1	26.5	15.6	7.9
-20°	329.1	201.9	116.6	60.4	27.5	15.8	7.9



REPORT NUMBER: P1306371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-50-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	348.6	210.3	120.9	62.3	28.3	15.9	7.9
-25°	365.2	221.0	124.3	63.8	29.1	16.0	7.9
-27.5°	378.7	231.4	126.5	64.8	29.7	16.1	7.9
-30°	389.1	239.5	128.1	65.3	30.2	16.2	7.9
-32.5°	396.1	245.2	132.2	65.3	30.6	16.2	7.9
-35°	401.6	248.4	134.9	64.8	30.9	16.2	7.9
-37.5°	404.3	249.9	135.9	63.8	31.0	16.1	7.9
-40°	403.3	250.4	135.4	62.2	31.0	16.0	7.9
-42.5°	398.5	248.4	134.4	60.7	30.8	15.9	7.9
-45°	390.1	243.8	133.1	59.7	30.5	15.8	7.9
-47.5°	377.9	236.6	130.5	57.9	30.1	15.6	7.9
-50°	364.5	226.8	126.4	57.3	29.5	15.4	7.9
-52.5°	348.0	214.6	121.0	56.7	28.8	15.2	7.9
-55°	328.0	203.7	114.3	55.5	27.9	14.9	7.9
-57.5°	304.6	191.5	106.2	53.8	26.9	14.6	7.9
-60°	278.8	177.3	97.2	51.4	25.8	14.3	7.9
-62.5°	255.9	161.3	91.2	48.6	24.9	14.0	7.9
-65°	230.6	143.5	84.4	45.2	23.8	13.6	7.9
-67.5°	202.9	127.4	76.7	41.4	22.7	13.2	7.9
-70°	173.1	113.1	68.1	37.2	21.5	12.8	7.9
-72.5°	148.9	97.7	58.9	34.0	20.2	12.3	7.9
-75°	124.4	81.3	49.0	31.0	18.8	11.9	7.9
-77.5°	98.5	64.1	42.5	27.9	17.4	11.4	7.9
-80°	71.7	51.7	36.5	24.5	16.0	10.9	7.9
-82.5°	55.9	41.9	30.2	21.1	14.5	10.4	7.9
-85°	41.5	31.8	23.9	17.6	13.0	9.9	7.9
-87.5°	26.7	21.7	17.4	14.0	11.4	9.4	7.9
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9

(END OF REPORT)