

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: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-80-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-40-80-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

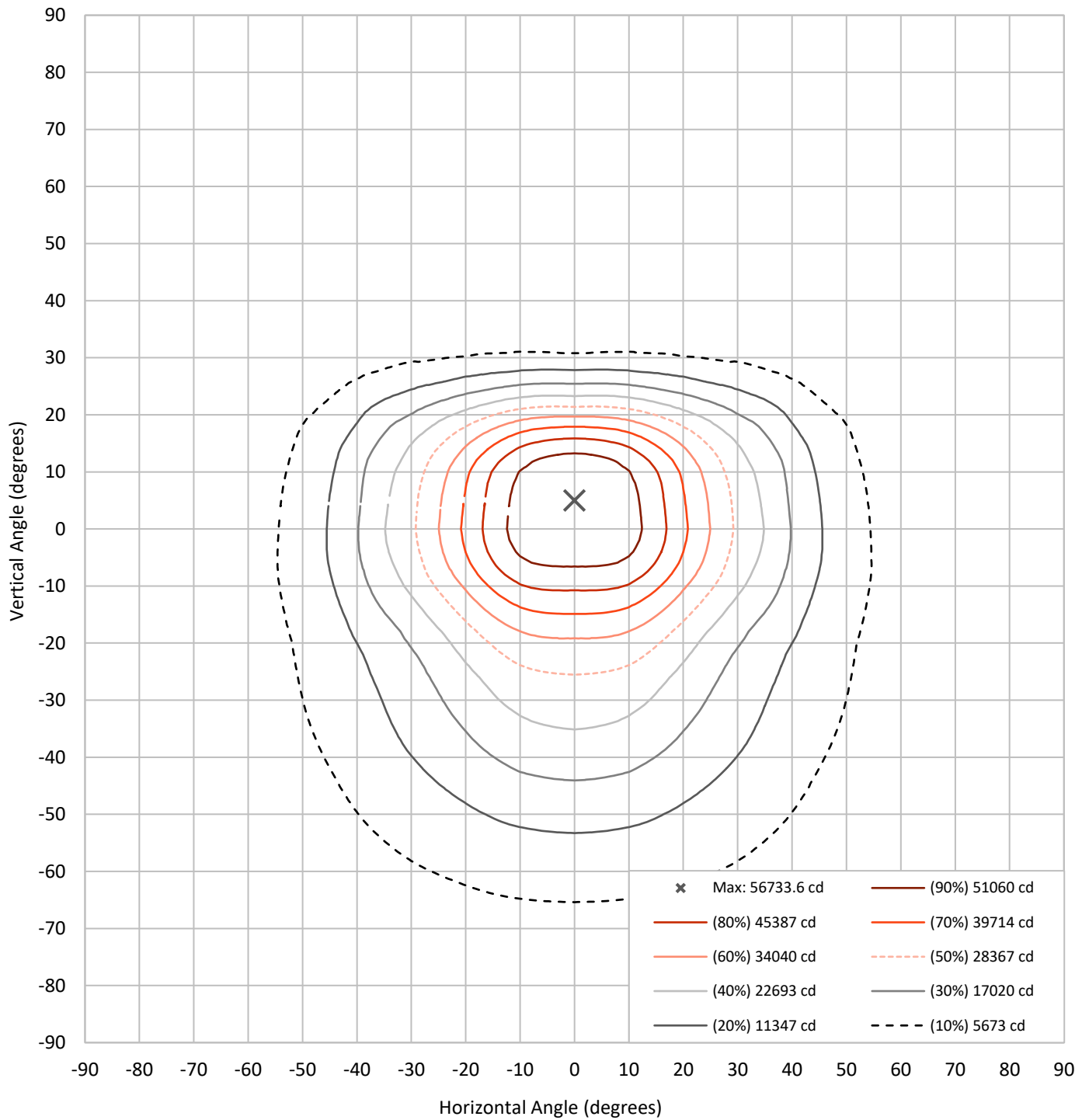
Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	55589.4 lumens	Max Intensity:	56733.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	80.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	26737.3 lumens	Field Lumens:	51533 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%

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

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CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

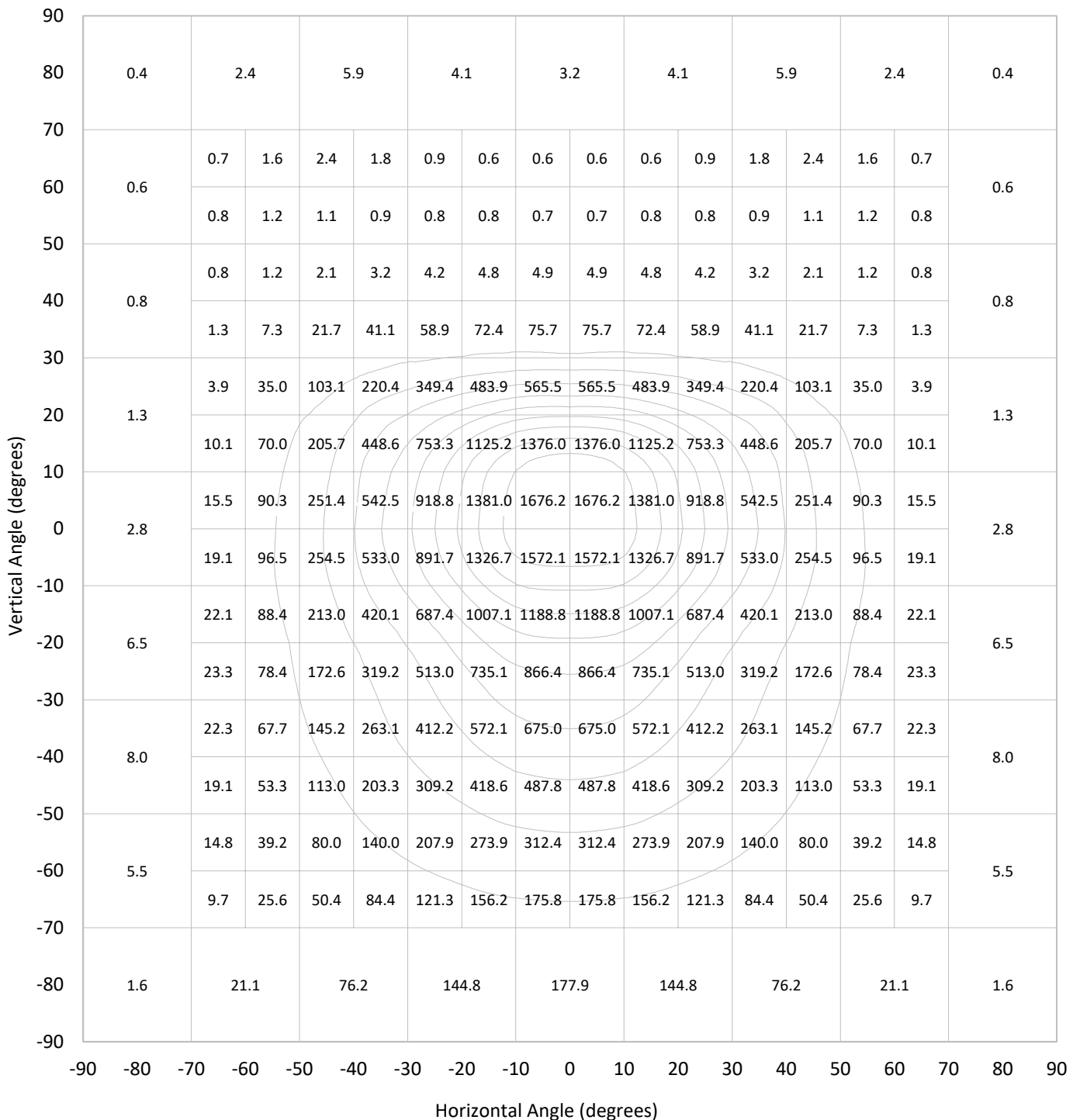
Iso-Candela Plot





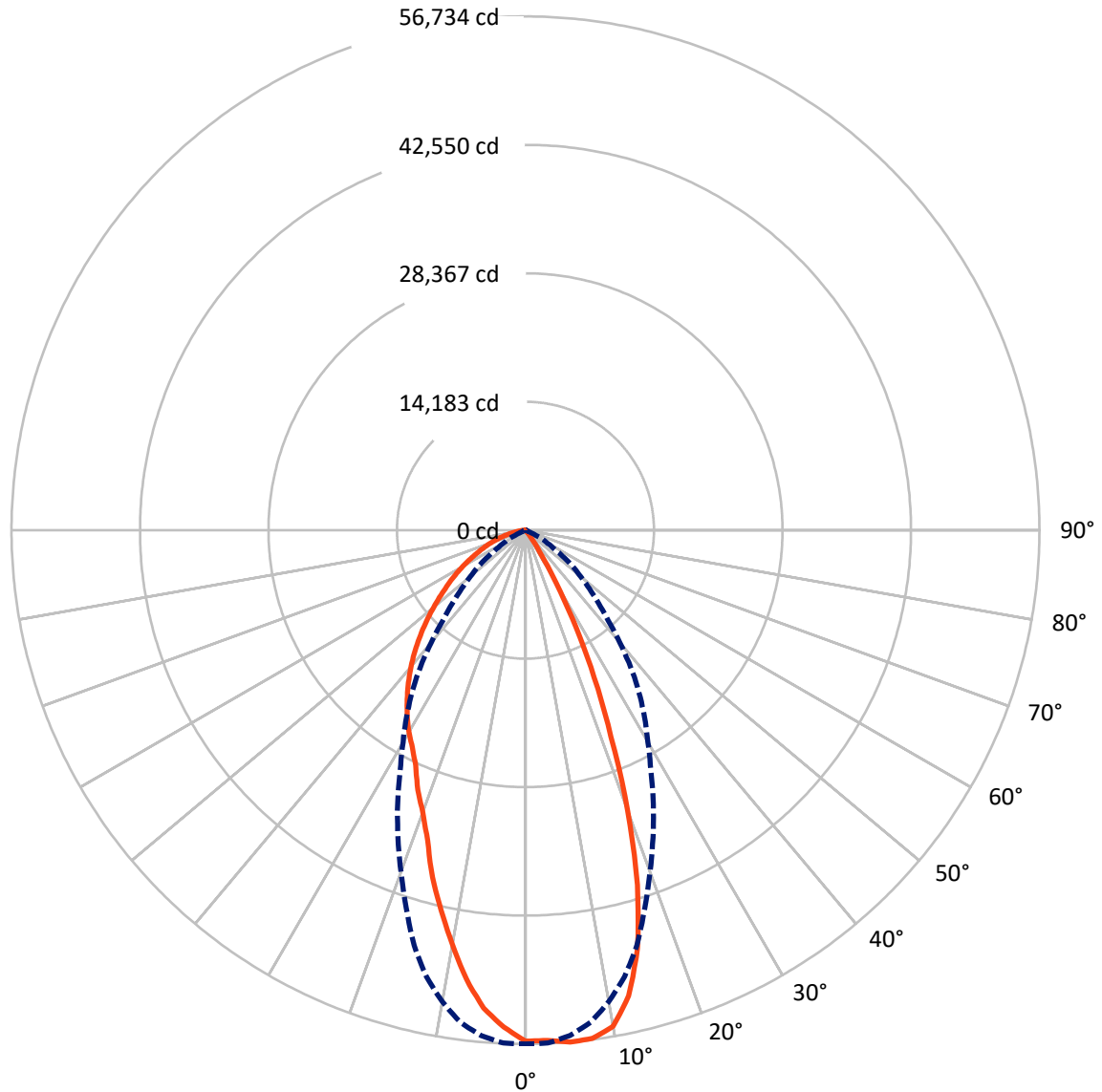
REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

Lumen Table



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
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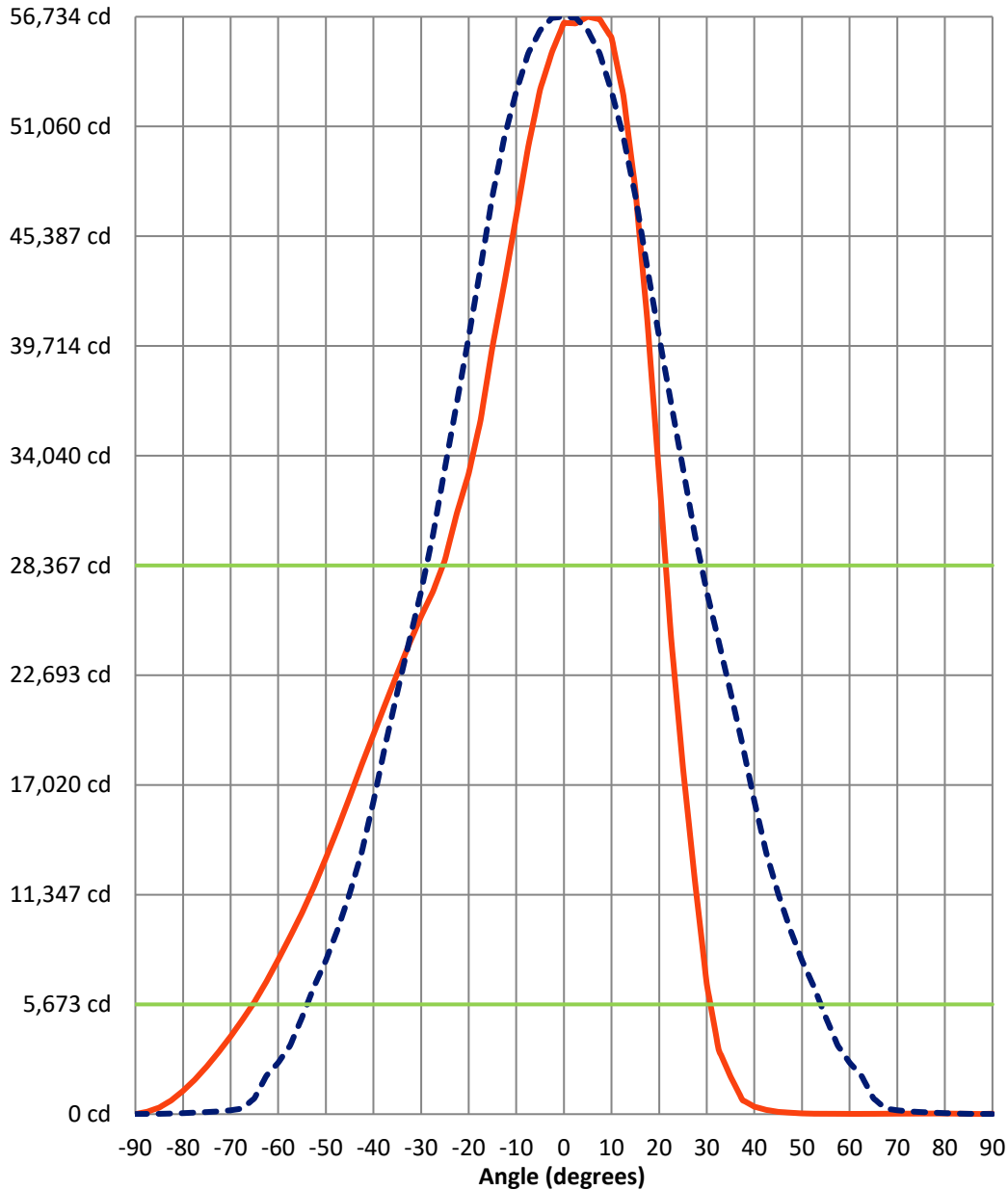
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 26737.3
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 51533
 Efficiency: 92.7%

Spill:
 Lumens: 4056.4
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.8	8.8	9.7	10.2	10.7	11.2	11.7	12.2	12.7	13.1	13.6
87.5°	7.8	9.0	10.4	10.5	10.8	11.2	11.8	11.7	11.5	11.1	10.8
85°	7.8	9.3	11.0	11.8	12.8	14.1	15.8	16.1	16.1	16.0	15.7
82.5°	7.8	9.6	11.7	13.0	14.8	17.0	19.8	20.5	20.8	21.9	24.2
80°	7.8	9.9	12.4	14.3	16.8	19.9	23.3	23.7	25.6	29.2	34.5
77.5°	7.8	10.2	13.0	15.5	18.7	21.9	24.2	26.2	30.2	36.3	42.4
75°	7.8	10.5	13.6	16.7	20.2	22.2	25.0	28.5	34.1	38.9	43.6
72.5°	7.8	10.7	14.2	17.8	20.3	22.6	25.7	30.2	35.1	39.9	44.8
70°	7.8	11.0	14.8	18.7	20.3	22.8	26.3	31.0	35.9	40.9	47.1
67.5°	7.8	11.3	15.4	18.5	20.3	23.0	27.1	31.6	36.8	43.2	49.6
65°	7.8	11.5	16.0	18.3	20.2	23.5	27.9	32.3	38.7	45.4	52.4
62.5°	7.8	11.7	16.5	18.1	20.1	24.3	28.7	33.6	40.5	47.6	55.9
60°	7.8	12.0	17.0	17.9	19.9	25.1	29.5	35.1	42.3	50.2	59.0
57.5°	7.8	12.2	16.8	17.6	20.5	25.8	31.0	36.6	44.1	52.6	60.6
55°	7.8	12.4	16.7	17.3	21.2	26.6	32.5	38.4	45.8	54.4	61.5
52.5°	7.8	12.6	16.5	17.0	21.8	27.4	34.0	40.3	47.3	55.4	62.5
50°	7.8	12.7	16.4	16.6	22.5	28.7	35.5	42.4	48.4	56.4	62.8
47.5°	7.8	12.9	16.3	16.4	23.1	29.9	37.0	44.7	49.4	57.4	63.9
45°	7.8	13.1	16.3	16.9	23.7	31.1	39.2	47.2	52.2	59.5	65.9
42.5°	7.8	13.2	16.2	17.3	24.3	32.2	41.5	50.0	55.4	62.2	69.2
40°	7.8	13.3	16.2	18.0	25.0	33.2	43.8	53.1	59.5	65.9	73.5
37.5°	7.8	13.5	16.2	18.9	25.8	34.2	46.3	56.5	64.9	72.3	78.9
35°	7.8	13.6	16.2	19.9	26.5	35.8	48.8	60.1	70.4	80.1	86.5
32.5°	7.8	13.7	16.2	20.8	27.2	37.7	51.4	63.9	76.3	88.7	100.9
30°	7.8	13.7	16.3	21.8	27.8	39.6	54.4	68.2	82.3	98.3	117.4
27.5°	7.8	13.8	16.3	22.8	29.8	41.5	57.5	73.1	89.2	108.6	135.9
25°	7.8	13.8	16.4	23.9	32.1	43.3	60.6	78.0	97.5	122.5	158.2
22.5°	7.8	13.9	16.5	24.9	34.5	46.0	63.7	83.0	106.2	138.6	232.2
20°	7.8	13.9	16.6	26.0	36.9	50.9	66.8	87.9	115.0	155.5	315.0
17.5°	7.8	13.9	16.7	27.0	39.4	55.9	72.5	92.7	124.0	172.9	404.8
15°	7.8	13.9	16.8	28.0	42.0	61.0	79.8	100.1	133.0	190.6	499.2
12.5°	7.8	13.9	17.0	29.0	44.5	66.1	87.1	110.7	146.9	208.3	595.8
10°	7.8	13.8	17.1	29.9	47.1	71.0	94.2	121.3	164.8	235.6	686.9
7.5°	7.8	13.8	17.2	30.8	49.6	75.9	101.2	131.8	182.7	263.8	761.0
5°	7.8	13.7	17.3	31.6	52.0	80.7	107.9	142.0	200.3	291.3	825.7
2.5°	7.8	13.7	17.4	32.4	54.3	85.2	114.4	151.9	217.2	317.5	880.2
0°	7.8	13.6	17.5	33.1	56.4	89.4	120.6	161.4	233.3	342.2	923.6
-2.5°	7.8	13.8	18.9	37.1	65.5	106.9	150.8	212.2	312.5	457.7	1044.2
-5°	7.8	14.1	20.2	41.1	74.4	123.8	180.3	261.7	389.4	569.6	1152.9
-7.5°	7.8	14.3	21.5	44.8	82.9	140.1	208.6	309.1	462.8	676.1	1249.8
-10°	7.8	14.5	22.7	48.3	90.9	155.3	235.5	353.7	531.6	775.8	1334.9
-12.5°	7.8	14.7	23.9	51.6	98.3	169.5	260.5	394.9	594.6	866.9	1414.3
-15°	7.8	14.9	25.0	54.5	105.0	182.3	283.2	432.0	654.4	949.2	1482.2
-17.5°	7.8	15.0	26.0	57.2	110.9	193.5	303.5	471.7	712.0	1022.0	1534.8
-20°	7.8	15.2	26.9	59.4	116.0	203.2	325.6	512.2	762.8	1084.4	1571.4



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 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.8	15.3	27.7	61.3	120.2	210.9	352.1	547.5	806.3	1135.6	1591.6
-25°	7.8	15.3	28.4	62.7	123.3	222.8	374.7	577.1	841.9	1174.8	1595.1
-27.5°	7.8	15.4	29.0	63.7	125.4	234.9	393.0	600.7	869.2	1205.7	1632.9
-30°	7.8	15.4	29.4	64.2	126.8	244.2	406.9	618.0	892.6	1233.3	1656.8
-32.5°	7.8	15.4	29.7	64.2	131.6	250.7	416.2	632.7	910.2	1249.7	1664.0
-35°	7.8	15.4	29.9	63.7	134.7	254.4	422.8	642.1	918.9	1254.6	1654.3
-37.5°	7.8	15.3	30.0	62.7	136.1	256.1	426.0	644.6	918.5	1248.0	1605.4
-40°	7.8	15.3	29.8	61.1	135.8	257.1	424.7	640.2	909.0	1236.4	1553.8
-42.5°	7.8	15.2	29.6	59.7	135.1	255.2	419.0	628.8	894.7	1194.3	1492.5
-45°	7.8	15.0	29.2	59.0	134.3	250.5	408.9	613.2	873.2	1141.3	1423.3
-47.5°	7.8	14.9	28.6	57.5	132.0	243.1	394.3	595.1	842.1	1080.9	1354.5
-50°	7.8	14.7	27.9	56.9	128.2	232.8	379.9	571.1	790.0	1020.5	1276.9
-52.5°	7.8	14.5	27.1	56.4	123.1	219.9	362.2	541.3	739.2	953.2	1191.8
-55°	7.8	14.2	26.1	55.1	116.5	209.0	340.8	506.6	686.1	879.4	1106.3
-57.5°	7.8	13.9	25.0	53.3	108.7	196.9	315.6	473.1	627.9	807.6	1013.3
-60°	7.8	13.6	23.7	50.9	99.7	182.7	287.9	431.0	566.9	732.3	916.9
-62.5°	7.8	13.3	22.9	47.9	93.5	166.7	264.9	384.2	510.1	651.4	821.4
-65°	7.8	13.0	21.9	44.3	86.3	148.8	239.2	338.1	449.7	576.5	719.7
-67.5°	7.8	12.6	20.9	40.3	78.1	132.2	211.1	298.3	386.1	500.4	625.0
-70°	7.8	12.3	19.8	35.9	69.2	117.2	180.9	256.6	334.4	420.7	531.1
-72.5°	7.8	11.9	18.7	32.8	59.5	101.0	155.6	213.1	280.9	355.8	437.6
-75°	7.8	11.4	17.5	30.0	49.1	83.8	129.8	175.2	225.5	289.0	358.5
-77.5°	7.8	11.0	16.3	27.0	42.4	65.6	102.6	138.7	178.7	223.6	276.9
-80°	7.8	10.6	15.0	23.8	36.4	52.7	74.4	101.3	131.7	166.2	204.5
-82.5°	7.8	10.1	13.7	20.5	30.2	42.6	57.9	69.6	83.7	107.5	134.1
-85°	7.8	9.7	12.4	17.1	23.8	32.3	42.7	50.6	59.0	68.0	77.5
-87.5°	7.8	9.2	11.1	13.7	17.3	21.8	27.3	31.4	35.9	40.6	45.6
-90°	7.8	8.8	9.7	9.2	8.8	8.3	7.8	7.3	6.8	6.3	5.8



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	13.6	13.6	13.6	13.6	14.1	14.6	15.1	15.6	16.6	17.5	18.5
87.5°	11.4	12.1	12.8	13.6	12.6	11.4	10.1	8.6	9.0	9.5	10.1
85°	17.0	18.4	20.1	21.4	20.4	19.6	19.0	18.6	19.6	20.5	21.2
82.5°	26.6	28.2	29.1	29.4	29.9	30.8	32.5	35.9	38.2	39.7	40.5
80°	37.1	38.2	39.0	41.5	46.2	51.6	57.7	64.3	66.5	66.7	66.0
77.5°	43.5	45.8	50.4	57.2	64.8	72.4	80.9	90.1	92.8	92.0	90.2
75°	47.2	52.8	60.8	70.6	80.7	91.0	102.1	112.5	115.4	112.1	107.8
72.5°	50.8	59.3	69.9	82.7	93.8	104.4	116.3	129.3	133.9	127.2	119.4
70°	54.4	65.1	77.3	89.9	102.5	114.7	126.2	138.7	146.1	135.8	120.0
67.5°	57.5	69.9	82.9	95.8	107.3	119.2	132.2	137.5	140.9	124.2	106.4
65°	61.2	74.3	86.1	97.6	109.8	114.7	118.9	123.5	122.8	103.8	84.8
62.5°	64.8	75.5	86.8	95.9	98.8	101.7	101.7	98.9	94.2	81.1	64.8
60°	66.1	75.4	83.2	86.2	86.9	84.2	80.5	76.8	71.1	60.1	49.0
57.5°	66.9	71.9	75.5	76.4	73.1	67.6	65.0	59.2	54.3	48.0	38.8
55°	66.5	65.9	68.0	66.2	62.2	57.7	53.1	49.4	43.4	41.4	37.3
52.5°	64.8	61.8	60.9	58.8	56.2	51.6	47.1	44.0	42.6	40.2	36.8
50°	64.2	60.3	55.7	55.5	53.4	50.0	45.3	44.7	44.8	42.6	38.6
47.5°	65.0	60.4	54.5	54.6	54.9	56.1	52.1	50.3	51.0	56.7	50.6
45°	67.1	64.7	58.5	58.4	63.8	71.1	77.6	59.7	77.7	86.7	93.8
42.5°	70.6	71.7	74.9	63.9	84.5	110.4	122.9	129.2	122.6	150.9	180.2
40°	78.4	81.2	102.9	111.5	120.3	174.0	248.6	266.0	202.1	281.1	329.9
37.5°	88.1	115.5	153.4	199.0	194.8	307.1	423.9	513.5	504.7	477.2	683.3
35°	99.1	157.9	259.7	361.4	406.1	512.5	727.9	883.9	976.7	1032.8	1202.6
32.5°	129.7	208.0	392.7	608.8	794.9	900.4	1103.8	1445.8	1769.4	1962.6	1960.7
30°	183.3	331.5	580.4	912.4	1274.2	1570.8	1739.0	2178.5	2795.3	3233.9	3526.2
27.5°	262.6	481.4	870.0	1351.0	1857.8	2361.4	2697.1	3268.2	4098.1	4766.6	5391.0
25°	359.4	719.6	1196.1	1872.6	2617.7	3257.5	3740.4	4534.2	5585.8	6634.3	7678.9
22.5°	513.6	996.3	1558.1	2442.8	3456.4	4183.6	4892.9	5860.4	7076.6	8548.6	10141.4
20°	728.4	1318.3	1944.6	2890.2	4295.1	5126.3	5997.1	7151.8	8570.3	10359.4	12486.0
17.5°	960.6	1622.3	2323.6	3377.7	4748.5	5900.2	7069.6	8385.5	9975.2	12050.6	14341.5
15°	1204.8	1908.2	2662.2	3813.0	5172.9	6417.3	7800.8	9512.4	11387.0	13631.5	16027.9
12.5°	1455.2	2175.9	2962.2	4196.5	5578.1	6885.7	8361.2	10141.3	12322.2	14954.9	17470.6
10°	1705.5	2425.3	3225.9	4528.8	5958.1	7304.5	8842.4	10663.8	12882.6	15520.3	18239.5
7.5°	1859.0	2589.8	3441.5	4810.9	6306.7	7672.9	9246.4	11083.5	13270.8	15924.5	18726.9
5°	1975.1	2663.8	3553.5	5003.1	6582.3	7945.8	9561.7	11405.2	13504.5	16170.9	19097.2
2.5°	2065.4	2718.4	3643.0	5146.0	6790.6	8094.1	9749.3	11610.9	13748.0	16477.1	19471.0
0°	2129.1	2755.2	3708.0	5244.0	6947.3	8189.8	9871.7	11734.4	13918.0	16743.2	19803.7
-2.5°	2191.0	2869.1	3840.1	5369.0	6969.9	8204.1	9918.3	11739.4	13917.9	16691.6	19665.8
-5°	2229.9	2964.0	3944.3	5447.8	6946.8	8174.7	9892.5	11669.0	13766.3	16388.9	19154.7
-7.5°	2250.1	3036.5	4019.7	5459.7	6826.8	8002.2	9583.3	11253.3	13265.6	15723.2	18273.4
-10°	2260.8	3080.2	4011.6	5295.3	6577.6	7725.0	9170.5	10770.4	12666.0	14951.3	17310.8
-12.5°	2290.6	3103.9	3975.3	5115.9	6307.0	7411.6	8712.6	10227.6	11970.3	14088.0	16252.9
-15°	2306.6	3115.9	3924.8	4930.7	6022.5	7064.5	8217.0	9630.3	11216.9	13111.2	15031.9
-17.5°	2311.1	3118.1	3863.2	4748.4	5731.1	6686.1	7729.4	9118.5	10563.0	12198.9	13836.9
-20°	2306.1	3112.2	3793.5	4576.7	5444.7	6411.1	7464.4	8676.3	9969.4	11352.6	12717.3



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2293.4	3100.1	3734.7	4455.0	5307.1	6231.0	7199.9	8248.5	9361.2	10562.4	11946.4
-25°	2287.0	3055.5	3695.4	4368.8	5174.0	6041.6	6921.8	7853.4	8823.5	10081.4	11401.5
-27.5°	2276.9	3008.5	3618.2	4249.2	5019.9	5850.2	6675.7	7526.1	8522.0	9652.1	10877.2
-30°	2246.9	2894.8	3513.2	4109.2	4857.0	5656.9	6445.2	7253.6	8196.0	9261.4	10397.9
-32.5°	2162.3	2765.8	3373.7	3972.4	4660.8	5444.9	6207.2	6991.0	7865.3	8820.0	9913.3
-35°	2067.7	2632.6	3217.3	3802.8	4431.6	5187.9	5929.6	6687.2	7498.7	8394.4	9413.7
-37.5°	1998.9	2489.6	3049.8	3611.6	4215.2	4887.1	5614.4	6343.7	7112.0	7965.5	8929.6
-40°	1916.8	2337.2	2879.8	3417.6	3967.0	4586.5	5265.9	5965.9	6687.1	7538.3	8421.8
-42.5°	1825.1	2231.1	2703.6	3211.8	3730.0	4293.0	4899.4	5565.4	6289.0	7080.8	7910.4
-45°	1746.0	2111.8	2527.4	3002.9	3484.3	3994.4	4556.8	5152.2	5867.0	6603.7	7374.0
-47.5°	1655.9	1987.3	2378.0	2782.1	3235.6	3705.9	4203.3	4783.3	5418.3	6108.2	6814.8
-50°	1558.5	1874.4	2207.6	2583.3	2985.2	3415.8	3869.9	4399.1	4978.7	5595.1	6245.3
-52.5°	1460.6	1749.9	2056.6	2383.7	2748.6	3135.5	3556.2	4027.5	4540.4	5080.6	5654.3
-55°	1353.2	1623.4	1902.6	2199.2	2517.5	2868.5	3244.6	3666.0	4107.0	4596.6	5079.2
-57.5°	1243.0	1487.3	1744.8	2019.5	2305.6	2604.0	2944.8	3301.7	3700.2	4118.8	4544.6
-60°	1127.8	1346.6	1579.9	1832.6	2098.4	2367.3	2643.4	2959.5	3297.8	3645.6	4026.3
-62.5°	1007.0	1203.5	1412.1	1636.0	1879.3	2122.7	2370.3	2631.8	2905.9	3218.2	3535.8
-65°	887.3	1056.5	1242.2	1441.4	1649.8	1868.4	2090.4	2314.4	2554.2	2811.6	3079.0
-67.5°	761.1	913.9	1073.7	1242.8	1427.8	1613.3	1807.1	2009.6	2213.4	2421.9	2641.5
-70°	647.4	768.7	907.9	1055.5	1204.9	1356.8	1524.3	1698.1	1875.7	2053.1	2235.6
-72.5°	532.9	637.1	748.3	866.3	991.7	1116.8	1247.5	1383.2	1527.4	1676.7	1828.3
-75°	428.8	502.7	593.8	692.1	788.0	882.2	980.2	1090.4	1204.6	1319.7	1434.5
-77.5°	332.6	391.4	454.9	522.6	589.2	664.9	742.4	821.5	904.2	989.1	1075.0
-80°	240.7	278.0	324.8	375.3	423.7	472.7	523.0	574.5	628.4	687.9	752.1
-82.5°	159.5	186.0	213.9	243.0	269.9	296.6	325.3	360.3	395.8	432.1	469.2
-85°	85.3	93.2	109.6	126.9	144.1	161.3	178.5	195.7	213.2	230.4	247.0
-87.5°	49.5	53.4	57.5	61.5	65.9	70.2	74.5	78.8	84.6	90.5	96.4
-90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.8	23.3	23.8	24.3
87.5°	10.6	9.9	9.1	8.3	7.4	9.7	12.1	14.5	17.0	15.8	14.4
85°	21.6	21.7	21.8	21.9	22.0	24.6	27.1	29.6	32.0	29.6	26.9
82.5°	40.7	40.1	38.7	36.6	33.9	33.3	32.4	31.2	29.7	28.4	27.3
80°	64.5	61.3	57.0	52.0	46.4	43.5	40.8	37.8	34.5	33.5	32.8
77.5°	86.8	80.7	73.6	65.9	57.7	52.5	47.8	42.7	37.3	35.8	34.9
75°	102.5	94.8	84.6	73.6	62.1	54.0	47.7	41.4	35.1	33.5	33.3
72.5°	110.6	100.0	87.0	71.6	57.0	47.4	41.4	36.0	31.3	29.5	28.8
70°	104.0	88.0	72.9	58.8	45.8	37.1	32.9	29.1	25.8	24.9	25.4
67.5°	87.9	71.7	58.0	45.8	35.4	28.4	25.9	24.0	22.5	22.0	21.9
65°	68.6	55.0	43.8	34.6	27.2	22.8	22.0	21.2	20.4	19.7	19.1
62.5°	50.6	40.2	33.2	28.0	24.0	21.4	20.7	19.8	18.8	17.9	17.1
60°	39.4	31.3	27.7	25.4	23.5	21.7	21.0	20.6	20.3	20.0	19.4
57.5°	34.3	30.1	26.9	25.5	24.4	23.6	23.2	22.8	22.2	21.3	20.6
55°	33.4	30.2	27.4	26.7	26.2	25.6	25.0	24.3	23.5	22.6	22.3
52.5°	33.5	32.1	30.0	29.0	29.4	28.6	27.0	27.8	28.0	27.2	26.8
50°	37.9	38.2	38.7	35.4	38.8	40.2	38.3	39.9	42.4	42.6	42.5
47.5°	53.7	57.2	61.9	58.3	62.6	69.1	68.5	69.0	74.8	75.5	75.3
45°	85.6	101.1	108.4	112.6	111.0	126.1	129.0	124.2	132.1	133.6	131.3
42.5°	171.4	180.0	199.4	214.7	205.9	221.5	226.1	212.0	225.7	231.9	225.2
40°	383.9	305.2	362.5	402.0	388.2	358.0	410.3	391.6	389.8	411.5	394.4
37.5°	758.0	672.8	731.4	844.2	840.1	698.1	856.5	846.2	711.3	871.1	857.2
35°	1359.4	1516.9	1446.6	1657.4	1718.5	1750.3	1838.1	1928.8	1829.5	1960.3	1956.9
32.5°	2434.1	2760.8	2905.2	2930.9	3201.4	3421.8	3328.5	3682.1	3660.6	3749.0	3839.3
30°	3842.7	4570.9	4939.5	4948.7	5397.5	5792.5	5917.8	6361.6	6624.1	6580.5	7020.1
27.5°	6131.1	6846.6	7453.5	7971.5	8321.2	8944.0	9810.9	10248.4	10893.3	11146.2	11753.8
25°	8716.8	9605.7	10563.8	11465.2	12205.3	13321.0	14400.0	15080.3	16003.0	16726.0	17460.8
22.5°	11517.9	12697.0	13926.4	15274.7	16651.3	18012.4	19323.0	20580.0	21810.1	23168.9	23999.5
20°	14381.6	15714.4	17210.9	19038.2	20948.1	22589.4	24379.5	26350.4	28234.7	29988.5	31313.2
17.5°	16557.9	18620.3	20241.6	22218.3	24590.0	26902.3	29184.4	31783.5	34180.7	36416.7	38410.9
15°	18219.8	20381.8	22731.5	25117.6	27616.0	30369.2	33508.3	36352.4	39313.6	41943.5	44406.4
12.5°	19668.3	21863.2	24322.4	27105.2	30256.5	33212.5	36502.3	40059.1	43200.9	46290.3	48601.1
10°	20737.4	23175.6	25668.7	28466.6	31680.2	35131.3	38696.7	42291.9	45814.7	48797.0	51279.7
7.5°	21327.2	23916.7	26525.0	29446.8	32750.8	36145.3	39707.0	43460.7	47006.6	50077.9	52358.0
5°	21807.2	24439.8	27018.1	29951.5	33394.0	36765.9	40177.9	43760.6	47473.4	50502.7	52874.9
2.5°	22226.2	24794.8	27309.8	30165.9	33713.5	37100.5	40608.5	44322.5	47912.8	50835.1	53144.1
0°	22590.0	25014.6	27474.3	30305.3	34015.3	37443.2	40894.5	44528.6	48186.0	51032.6	53369.8
-2.5°	22326.9	24704.3	27127.9	30021.6	33559.7	36931.8	40402.6	44082.6	47546.9	50430.2	52696.1
-5°	21640.8	23930.9	26337.5	29224.2	32601.5	35904.4	39329.0	42873.7	46130.2	49012.8	51097.2
-7.5°	20637.7	22879.6	25276.9	28118.4	31261.1	34258.9	37319.4	40605.3	43846.6	46391.7	48376.9
-10°	19522.8	21656.5	23863.0	26362.1	29144.8	31944.8	34757.0	37811.6	40667.5	43057.3	44968.4
-12.5°	18199.0	20094.4	22126.1	24305.8	26860.4	29527.3	32209.0	34884.6	37518.6	39668.4	41399.6
-15°	16769.2	18445.4	20300.8	22409.3	24685.5	27038.7	29457.8	32012.9	34385.1	36387.5	37913.9
-17.5°	15358.8	16859.7	18745.6	20662.5	22502.1	24659.9	27065.8	29178.7	31343.5	33141.7	34490.1
-20°	14163.1	15777.9	17417.7	19055.5	20812.7	22910.7	24950.6	26942.6	28866.3	30503.7	31844.4



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13383.7	14802.4	16201.7	17750.9	19537.2	21388.6	23234.8	25045.9	26787.0	28342.3	29617.6
-25°	12674.9	13875.4	15261.1	16834.1	18342.4	19966.4	21709.6	23223.3	24874.9	26283.4	27374.5
-27.5°	12055.3	13243.3	14603.2	16017.9	17382.2	18845.9	20433.7	21878.5	23364.7	24719.0	25671.0
-30°	11515.8	12746.6	14025.3	15319.5	16604.4	17958.6	19338.5	20735.0	22098.6	23326.7	24241.7
-32.5°	11056.0	12210.6	13409.8	14614.2	15785.7	17019.3	18299.4	19583.2	20846.5	21921.0	22817.0
-35°	10533.2	11638.6	12752.9	13834.6	14919.6	16023.0	17211.0	18412.8	19543.2	20524.3	21398.9
-37.5°	9949.9	11014.9	12031.9	13016.5	14022.4	15042.7	16143.1	17247.2	18285.4	19173.4	20007.3
-40°	9369.4	10339.8	11260.9	12179.9	13102.1	14057.5	15052.8	16041.4	16952.8	17792.7	18569.7
-42.5°	8766.1	9615.6	10453.9	11309.5	12160.2	13021.8	13910.9	14809.9	15622.0	16388.1	17076.9
-45°	8157.5	8886.5	9627.1	10410.8	11187.5	11961.1	12730.9	13489.8	14250.2	14964.0	15545.8
-47.5°	7510.3	8168.1	8840.5	9514.3	10210.4	10916.5	11589.4	12246.4	12917.9	13555.9	14036.5
-50°	6857.1	7466.2	8074.0	8667.6	9282.9	9904.0	10517.1	11095.4	11658.0	12200.5	12576.2
-52.5°	6199.3	6762.6	7319.5	7856.4	8390.3	8919.6	9439.1	9952.1	10445.1	10910.0	11207.9
-55°	5574.6	6076.9	6566.6	7035.5	7506.7	7971.6	8429.8	8878.5	9304.0	9703.8	9933.6
-57.5°	4987.1	5424.6	5853.4	6257.1	6651.4	7034.6	7439.5	7847.3	8230.4	8573.9	8759.1
-60°	4414.5	4808.7	5176.7	5514.1	5852.3	6188.8	6529.9	6866.6	7194.6	7479.9	7639.4
-62.5°	3851.5	4188.3	4501.5	4791.9	5071.2	5349.1	5645.0	5929.0	6199.2	6419.4	6554.6
-65°	3358.2	3643.5	3878.0	4109.2	4338.6	4583.0	4828.8	5063.3	5285.3	5457.8	5571.6
-67.5°	2878.6	3113.2	3308.4	3500.3	3692.3	3886.6	4084.5	4276.3	4460.5	4600.0	4698.9
-70°	2422.5	2599.9	2752.8	2908.9	3068.1	3226.9	3385.9	3539.1	3685.3	3791.5	3871.1
-72.5°	1981.5	2118.5	2237.5	2358.8	2478.4	2601.4	2724.6	2843.0	2955.7	3031.8	3087.7
-75°	1548.6	1648.1	1743.5	1836.0	1925.2	2016.7	2107.4	2194.0	2276.0	2333.7	2379.6
-77.5°	1166.0	1236.6	1298.8	1359.8	1419.2	1482.8	1544.9	1603.6	1658.4	1698.5	1732.2
-80°	816.8	862.4	902.1	939.5	974.4	1013.8	1052.4	1088.9	1122.9	1146.3	1164.9
-82.5°	506.9	533.7	557.5	579.5	599.5	620.2	639.3	656.7	672.2	690.5	707.5
-85°	263.0	274.0	284.2	293.6	302.2	310.6	318.2	325.0	330.9	334.3	336.6
-87.5°	102.3	104.8	107.2	109.3	111.3	114.0	116.5	118.8	120.9	123.0	124.8
-90°	5.8	5.3	4.9	4.4	3.9	3.9	3.9	3.9	3.9	3.9	3.9



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	24.8	25.3	25.3	25.3	25.3	25.3	24.8	24.3	23.8	23.3	22.8
87.5°	13.1	11.7	10.7	9.7	10.7	11.7	13.1	14.4	15.8	17.0	14.5
85°	24.2	21.3	19.4	17.5	19.4	21.3	24.2	26.9	29.6	32.0	29.6
82.5°	26.3	25.3	25.3	25.3	25.3	25.3	26.3	27.3	28.4	29.7	31.2
80°	31.9	31.0	32.1	33.1	32.1	31.0	31.9	32.8	33.5	34.5	37.8
77.5°	34.0	33.1	33.1	33.1	33.1	33.1	34.0	34.9	35.8	37.3	42.7
75°	33.2	33.1	32.1	31.1	32.1	33.1	33.2	33.3	33.5	35.1	41.4
72.5°	28.1	27.4	27.2	27.2	27.2	27.4	28.1	28.8	29.5	31.3	36.0
70°	26.2	27.1	26.3	25.3	26.3	27.1	26.2	25.4	24.9	25.8	29.1
67.5°	21.8	21.6	21.4	21.4	21.4	21.6	21.8	21.9	22.0	22.5	24.0
65°	18.4	17.8	17.5	17.5	17.5	17.8	18.4	19.1	19.7	20.4	21.2
62.5°	16.4	15.8	15.6	15.6	15.6	15.8	16.4	17.1	17.9	18.8	19.8
60°	18.6	17.7	16.7	15.6	16.7	17.7	18.6	19.4	20.0	20.3	20.6
57.5°	20.0	19.5	19.4	19.4	19.4	19.5	20.0	20.6	21.3	22.2	22.8
55°	21.9	21.5	21.4	21.4	21.4	21.5	21.9	22.3	22.6	23.5	24.3
52.5°	26.3	25.5	24.5	23.3	24.5	25.5	26.3	26.8	27.2	28.0	27.8
50°	41.6	39.6	38.6	38.9	38.6	39.6	41.6	42.5	42.6	42.4	39.9
47.5°	76.8	76.7	76.4	75.8	76.4	76.7	76.8	75.3	75.5	74.8	69.0
45°	130.7	125.4	120.4	118.6	120.4	125.4	130.7	131.3	133.6	132.1	124.2
42.5°	229.6	228.4	224.4	219.7	224.4	228.4	229.6	225.2	231.9	225.7	212.0
40°	399.0	393.6	384.3	386.9	384.3	393.6	399.0	394.4	411.5	389.8	391.6
37.5°	831.0	791.1	730.7	731.1	730.7	791.1	831.0	857.2	871.1	711.3	846.2
35°	1945.0	1977.7	1939.0	1938.6	1939.0	1977.7	1945.0	1956.9	1960.3	1829.5	1928.8
32.5°	3722.2	3668.1	3448.8	3334.6	3448.8	3668.1	3722.2	3839.3	3749.0	3660.6	3682.1
30°	7012.2	7047.1	6718.4	6725.7	6718.4	7047.1	7012.2	7020.1	6580.5	6624.1	6361.6
27.5°	11998.9	12265.8	12195.6	12078.6	12195.6	12265.8	11998.9	11753.8	11146.2	10893.3	10248.4
25°	17942.7	18143.7	18009.1	17927.3	18009.1	18143.7	17942.7	17460.8	16726.0	16003.0	15080.3
22.5°	24806.1	25086.0	25015.7	24660.8	25015.7	25086.0	24806.1	23999.5	23168.9	21810.1	20580.0
20°	32404.1	32883.6	33162.1	32982.8	33162.1	32883.6	32404.1	31313.2	29988.5	28234.7	26350.4
17.5°	39827.2	40445.5	40919.7	41079.2	40919.7	40445.5	39827.2	38410.9	36416.7	34180.7	31783.5
15°	46069.1	46953.4	47576.2	47797.1	47576.2	46953.4	46069.1	44406.4	41943.5	39313.6	36352.4
12.5°	50548.5	51699.6	52430.0	52649.4	52430.0	51699.6	50548.5	48601.1	46290.3	43200.9	40059.1
10°	53011.8	54462.7	55294.1	55640.8	55294.1	54462.7	53011.8	51279.7	48797.0	45814.7	42291.9
7.5°	54388.0	55698.5	56484.1	56600.4	56484.1	55698.5	54388.0	52358.0	50077.9	47006.6	43460.7
5°	54834.7	56025.2	56673.6	56733.6	56673.6	56025.2	54834.7	52874.9	50502.7	47473.4	43760.6
2.5°	55030.3	56036.4	56514.7	56392.3	56514.7	56036.4	55030.3	53144.1	50835.1	47912.8	44322.5
0°	54930.2	55829.4	56336.9	56412.7	56336.9	55829.4	54930.2	53369.8	51032.6	48186.0	44528.6
-2.5°	54114.4	54784.2	55144.0	54912.7	55144.0	54784.2	54114.4	52696.1	50430.2	47546.9	44082.6
-5°	52254.6	52736.5	52886.8	52971.2	52886.8	52736.5	52254.6	51097.2	49012.8	46130.2	42873.7
-7.5°	49566.6	49959.8	50108.2	50004.0	50108.2	49959.8	49566.6	48376.9	46391.7	43846.6	40605.3
-10°	46023.5	46383.8	46509.8	46438.0	46509.8	46383.8	46023.5	44968.4	43057.3	40667.5	37811.6
-12.5°	42437.1	42864.1	42962.0	42968.2	42962.0	42864.1	42437.1	41399.6	39668.4	37518.6	34884.6
-15°	38911.5	39399.6	39548.8	39679.3	39548.8	39399.6	38911.5	37913.9	36387.5	34385.1	32012.9
-17.5°	35447.1	35932.1	36057.9	35887.7	36057.9	35932.1	35447.1	34490.1	33141.7	31343.5	29178.7
-20°	32599.5	32850.9	33119.1	33116.9	33119.1	32850.9	32599.5	31844.4	30503.7	28866.3	26942.6



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	30247.5	30663.2	30891.6	31053.9	30891.6	30663.2	30247.5	29617.6	28342.3	26787.0	25045.9
-25°	28041.8	28394.7	28536.6	28644.8	28536.6	28394.7	28041.8	27374.5	26283.4	24874.9	23223.3
-27.5°	26342.5	26700.7	26903.3	27023.2	26903.3	26700.7	26342.5	25671.0	24719.0	23364.7	21878.5
-30°	24987.3	25339.2	25580.6	25732.1	25580.6	25339.2	24987.3	24241.7	23326.7	22098.6	20735.0
-32.5°	23527.1	23895.1	24146.7	24303.0	24146.7	23895.1	23527.1	22817.0	21921.0	20846.5	19583.2
-35°	22009.6	22377.8	22649.3	22776.6	22649.3	22377.8	22009.6	21398.9	20524.3	19543.2	18412.8
-37.5°	20535.4	20879.1	21119.1	21213.4	21119.1	20879.1	20535.4	20007.3	19173.4	18285.4	17247.2
-40°	18998.7	19322.9	19545.8	19632.6	19545.8	19322.9	18998.7	18569.7	17792.7	16952.8	16041.4
-42.5°	17449.1	17751.7	17957.5	18044.0	17957.5	17751.7	17449.1	17076.9	16388.1	15622.0	14809.9
-45°	15879.5	16148.6	16322.8	16389.3	16322.8	16148.6	15879.5	15545.8	14964.0	14250.2	13489.8
-47.5°	14334.5	14577.2	14726.9	14775.5	14726.9	14577.2	14334.5	14036.5	13555.9	12917.9	12246.4
-50°	12826.3	13025.1	13162.2	13239.4	13162.2	13025.1	12826.3	12576.2	12200.5	11658.0	11095.4
-52.5°	11431.3	11611.9	11719.4	11761.6	11719.4	11611.9	11431.3	11207.9	10910.0	10445.1	9952.1
-55°	10124.0	10280.2	10371.5	10408.3	10371.5	10280.2	10124.0	9933.6	9703.8	9304.0	8878.5
-57.5°	8916.5	9044.5	9130.7	9179.5	9130.7	9044.5	8916.5	8759.1	8573.9	8230.4	7847.3
-60°	7771.8	7876.8	7949.1	7991.5	7949.1	7876.8	7771.8	7639.4	7479.9	7194.6	6866.6
-62.5°	6666.8	6755.9	6814.5	6848.2	6814.5	6755.9	6666.8	6554.6	6419.4	6199.2	5929.0
-65°	5667.7	5745.9	5783.6	5798.2	5783.6	5745.9	5667.7	5571.6	5457.8	5285.3	5063.3
-67.5°	4783.8	4854.2	4879.7	4884.3	4879.7	4854.2	4783.8	4698.9	4600.0	4460.5	4276.3
-70°	3940.0	3997.3	4016.7	4019.1	4016.7	3997.3	3940.0	3871.1	3791.5	3685.3	3539.1
-72.5°	3133.7	3169.8	3197.7	3216.0	3197.7	3169.8	3133.7	3087.7	3031.8	2955.7	2843.0
-75°	2418.1	2449.1	2462.5	2467.4	2462.5	2449.1	2418.1	2379.6	2333.7	2276.0	2194.0
-77.5°	1761.0	1784.6	1789.9	1788.8	1789.9	1784.6	1761.0	1732.2	1698.5	1658.4	1603.6
-80°	1179.7	1190.6	1197.8	1201.6	1197.8	1190.6	1179.7	1164.9	1146.3	1122.9	1088.9
-82.5°	722.7	736.1	722.4	705.8	722.4	736.1	722.7	707.5	690.5	672.2	656.7
-85°	338.1	338.7	339.9	340.3	339.9	338.7	338.1	336.6	334.3	330.9	325.0
-87.5°	126.4	127.9	127.3	126.4	127.3	127.9	126.4	124.8	123.0	120.9	118.8
-90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22.4	21.9	21.4	20.9	20.4	19.9	19.4	18.5	17.5	16.6	15.6
87.5°	12.1	9.7	7.4	8.3	9.1	9.9	10.6	10.1	9.5	9.0	8.6
85°	27.1	24.6	22.0	21.9	21.8	21.7	21.6	21.2	20.5	19.6	18.6
82.5°	32.4	33.3	33.9	36.6	38.7	40.1	40.7	40.5	39.7	38.2	35.9
80°	40.8	43.5	46.4	52.0	57.0	61.3	64.5	66.0	66.7	66.5	64.3
77.5°	47.8	52.5	57.7	65.9	73.6	80.7	86.8	90.2	92.0	92.8	90.1
75°	47.7	54.0	62.1	73.6	84.6	94.8	102.5	107.8	112.1	115.4	112.5
72.5°	41.4	47.4	57.0	71.6	87.0	100.0	110.6	119.4	127.2	133.9	129.3
70°	32.9	37.1	45.8	58.8	72.9	88.0	104.0	120.0	135.8	146.1	138.7
67.5°	25.9	28.4	35.4	45.8	58.0	71.7	87.9	106.4	124.2	140.9	137.5
65°	22.0	22.8	27.2	34.6	43.8	55.0	68.6	84.8	103.8	122.8	123.5
62.5°	20.7	21.4	24.0	28.0	33.2	40.2	50.6	64.8	81.1	94.2	98.9
60°	21.0	21.7	23.5	25.4	27.7	31.3	39.4	49.0	60.1	71.1	76.8
57.5°	23.2	23.6	24.4	25.5	26.9	30.1	34.3	38.8	48.0	54.3	59.2
55°	25.0	25.6	26.2	26.7	27.4	30.2	33.4	37.3	41.4	43.4	49.4
52.5°	27.0	28.6	29.4	29.0	30.0	32.1	33.5	36.8	40.2	42.6	44.0
50°	38.3	40.2	38.8	35.4	38.7	38.2	37.9	38.6	42.6	44.8	44.7
47.5°	68.5	69.1	62.6	58.3	61.9	57.2	53.7	50.6	56.7	51.0	50.3
45°	129.0	126.1	111.0	112.6	108.4	101.1	85.6	93.8	86.7	77.7	59.7
42.5°	226.1	221.5	205.9	214.7	199.4	180.0	171.4	180.2	150.9	122.6	129.2
40°	410.3	358.0	388.2	402.0	362.5	305.2	383.9	329.9	281.1	202.1	266.0
37.5°	856.5	698.1	840.1	844.2	731.4	672.8	758.0	683.3	477.2	504.7	513.5
35°	1838.1	1750.3	1718.5	1657.4	1446.6	1516.9	1359.4	1202.6	1032.8	976.7	883.9
32.5°	3328.5	3421.8	3201.4	2930.9	2905.2	2760.8	2434.1	1960.7	1962.6	1769.4	1445.8
30°	5917.8	5792.5	5397.5	4948.7	4939.5	4570.9	3842.7	3526.2	3233.9	2795.3	2178.5
27.5°	9810.9	8944.0	8321.2	7971.5	7453.5	6846.6	6131.1	5391.0	4766.6	4098.1	3268.2
25°	14400.0	13321.0	12205.3	11465.2	10563.8	9605.7	8716.8	7678.9	6634.3	5585.8	4534.2
22.5°	19323.0	18012.4	16651.3	15274.7	13926.4	12697.0	11517.9	10141.4	8548.6	7076.6	5860.4
20°	24379.5	22589.4	20948.1	19038.2	17210.9	15714.4	14381.6	12486.0	10359.4	8570.3	7151.8
17.5°	29184.4	26902.3	24590.0	22218.3	20241.6	18620.3	16557.9	14341.5	12050.6	9975.2	8385.5
15°	33508.3	30369.2	27616.0	25117.6	22731.5	20381.8	18219.8	16027.9	13631.5	11387.0	9512.4
12.5°	36502.3	33212.5	30256.5	27105.2	24322.4	21863.2	19668.3	17470.6	14954.9	12322.2	10141.3
10°	38696.7	35131.3	31680.2	28466.6	25668.7	23175.6	20737.4	18239.5	15520.3	12882.6	10663.8
7.5°	39707.0	36145.3	32750.8	29446.8	26525.0	23916.7	21327.2	18726.9	15924.5	13270.8	11083.5
5°	40177.9	36765.9	33394.0	29951.5	27018.1	24439.8	21807.2	19097.2	16170.9	13504.5	11405.2
2.5°	40608.5	37100.5	33713.5	30165.9	27309.8	24794.8	22226.2	19471.0	16477.1	13748.0	11610.9
0°	40894.5	37443.2	34015.3	30305.3	27474.3	25014.6	22590.0	19803.7	16743.2	13918.0	11734.4
-2.5°	40402.6	36931.8	33559.7	30021.6	27127.9	24704.3	22326.9	19665.8	16691.6	13917.9	11739.4
-5°	39329.0	35904.4	32601.5	29224.2	26337.5	23930.9	21640.8	19154.7	16388.9	13766.3	11669.0
-7.5°	37319.4	34258.9	31261.1	28118.4	25276.9	22879.6	20637.7	18273.4	15723.2	13265.6	11253.3
-10°	34757.0	31944.8	29144.8	26362.1	23863.0	21656.5	19522.8	17310.8	14951.3	12666.0	10770.4
-12.5°	32209.0	29527.3	26860.4	24305.8	22126.1	20094.4	18199.0	16252.9	14088.0	11970.3	10227.6
-15°	29457.8	27038.7	24685.5	22409.3	20300.8	18445.4	16769.2	15031.9	13111.2	11216.9	9630.3
-17.5°	27065.8	24659.9	22502.1	20662.5	18745.6	16859.7	15358.8	13836.9	12198.9	10563.0	9118.5
-20°	24950.6	22910.7	20812.7	19055.5	17417.7	15777.9	14163.1	12717.3	11352.6	9969.4	8676.3



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	23234.8	21388.6	19537.2	17750.9	16201.7	14802.4	13383.7	11946.4	10562.4	9361.2	8248.5
-25°	21709.6	19966.4	18342.4	16834.1	15261.1	13875.4	12674.9	11401.5	10081.4	8823.5	7853.4
-27.5°	20433.7	18845.9	17382.2	16017.9	14603.2	13243.3	12055.3	10877.2	9652.1	8522.0	7526.1
-30°	19338.5	17958.6	16604.4	15319.5	14025.3	12746.6	11515.8	10397.9	9261.4	8196.0	7253.6
-32.5°	18299.4	17019.3	15785.7	14614.2	13409.8	12210.6	11056.0	9913.3	8820.0	7865.3	6991.0
-35°	17211.0	16023.0	14919.6	13834.6	12752.9	11638.6	10533.2	9413.7	8394.4	7498.7	6687.2
-37.5°	16143.1	15042.7	14022.4	13016.5	12031.9	11014.9	9949.9	8929.6	7965.5	7112.0	6343.7
-40°	15052.8	14057.5	13102.1	12179.9	11260.9	10339.8	9369.4	8421.8	7538.3	6687.1	5965.9
-42.5°	13910.9	13021.8	12160.2	11309.5	10453.9	9615.6	8766.1	7910.4	7080.8	6289.0	5565.4
-45°	12730.9	11961.1	11187.5	10410.8	9627.1	8886.5	8157.5	7374.0	6603.7	5867.0	5152.2
-47.5°	11589.4	10916.5	10210.4	9514.3	8840.5	8168.1	7510.3	6814.8	6108.2	5418.3	4783.3
-50°	10517.1	9904.0	9282.9	8667.6	8074.0	7466.2	6857.1	6245.3	5595.1	4978.7	4399.1
-52.5°	9439.1	8919.6	8390.3	7856.4	7319.5	6762.6	6199.3	5654.3	5080.6	4540.4	4027.5
-55°	8429.8	7971.6	7506.7	7035.5	6566.6	6076.9	5574.6	5079.2	4596.6	4107.0	3666.0
-57.5°	7439.5	7034.6	6651.4	6257.1	5853.4	5424.6	4987.1	4544.6	4118.8	3700.2	3301.7
-60°	6529.9	6188.8	5852.3	5514.1	5176.7	4808.7	4414.5	4026.3	3645.6	3297.8	2959.5
-62.5°	5645.0	5349.1	5071.2	4791.9	4501.5	4188.3	3851.5	3535.8	3218.2	2905.9	2631.8
-65°	4828.8	4583.0	4338.6	4109.2	3878.0	3643.5	3358.2	3079.0	2811.6	2554.2	2314.4
-67.5°	4084.5	3886.6	3692.3	3500.3	3308.4	3113.2	2878.6	2641.5	2421.9	2213.4	2009.6
-70°	3385.9	3226.9	3068.1	2908.9	2752.8	2599.9	2422.5	2235.6	2053.1	1875.7	1698.1
-72.5°	2724.6	2601.4	2478.4	2358.8	2237.5	2118.5	1981.5	1828.3	1676.7	1527.4	1383.2
-75°	2107.4	2016.7	1925.2	1836.0	1743.5	1648.1	1548.6	1434.5	1319.7	1204.6	1090.4
-77.5°	1544.9	1482.8	1419.2	1359.8	1298.8	1236.6	1166.0	1075.0	989.1	904.2	821.5
-80°	1052.4	1013.8	974.4	939.5	902.1	862.4	816.8	752.1	687.9	628.4	574.5
-82.5°	639.3	620.2	599.5	579.5	557.5	533.7	506.9	469.2	432.1	395.8	360.3
-85°	318.2	310.6	302.2	293.6	284.2	274.0	263.0	247.0	230.4	213.2	195.7
-87.5°	116.5	114.0	111.3	109.3	107.2	104.8	102.3	96.4	90.5	84.6	78.8
-90°	3.9	3.9	3.9	4.4	4.9	5.3	5.8	5.8	5.8	5.8	5.8



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	15.1	14.6	14.1	13.6	13.6	13.6	13.6	13.6	13.1	12.7	12.2
87.5°	10.1	11.4	12.6	13.6	12.8	12.1	11.4	10.8	11.1	11.5	11.7
85°	19.0	19.6	20.4	21.4	20.1	18.4	17.0	15.7	16.0	16.1	16.1
82.5°	32.5	30.8	29.9	29.4	29.1	28.2	26.6	24.2	21.9	20.8	20.5
80°	57.7	51.6	46.2	41.5	39.0	38.2	37.1	34.5	29.2	25.6	23.7
77.5°	80.9	72.4	64.8	57.2	50.4	45.8	43.5	42.4	36.3	30.2	26.2
75°	102.1	91.0	80.7	70.6	60.8	52.8	47.2	43.6	38.9	34.1	28.5
72.5°	116.3	104.4	93.8	82.7	69.9	59.3	50.8	44.8	39.9	35.1	30.2
70°	126.2	114.7	102.5	89.9	77.3	65.1	54.4	47.1	40.9	35.9	31.0
67.5°	132.2	119.2	107.3	95.8	82.9	69.9	57.5	49.6	43.2	36.8	31.6
65°	118.9	114.7	109.8	97.6	86.1	74.3	61.2	52.4	45.4	38.7	32.3
62.5°	101.7	101.7	98.8	95.9	86.8	75.5	64.8	55.9	47.6	40.5	33.6
60°	80.5	84.2	86.9	86.2	83.2	75.4	66.1	59.0	50.2	42.3	35.1
57.5°	65.0	67.6	73.1	76.4	75.5	71.9	66.9	60.6	52.6	44.1	36.6
55°	53.1	57.7	62.2	66.2	68.0	65.9	66.5	61.5	54.4	45.8	38.4
52.5°	47.1	51.6	56.2	58.8	60.9	61.8	64.8	62.5	55.4	47.3	40.3
50°	45.3	50.0	53.4	55.5	55.7	60.3	64.2	62.8	56.4	48.4	42.4
47.5°	52.1	56.1	54.9	54.6	54.5	60.4	65.0	63.9	57.4	49.4	44.7
45°	77.6	71.1	63.8	58.4	58.5	64.7	67.1	65.9	59.5	52.2	47.2
42.5°	122.9	110.4	84.5	63.9	74.9	71.7	70.6	69.2	62.2	55.4	50.0
40°	248.6	174.0	120.3	111.5	102.9	81.2	78.4	73.5	65.9	59.5	53.1
37.5°	423.9	307.1	194.8	199.0	153.4	115.5	88.1	78.9	72.3	64.9	56.5
35°	727.9	512.5	406.1	361.4	259.7	157.9	99.1	86.5	80.1	70.4	60.1
32.5°	1103.8	900.4	794.9	608.8	392.7	208.0	129.7	100.9	88.7	76.3	63.9
30°	1739.0	1570.8	1274.2	912.4	580.4	331.5	183.3	117.4	98.3	82.3	68.2
27.5°	2697.1	2361.4	1857.8	1351.0	870.0	481.4	262.6	135.9	108.6	89.2	73.1
25°	3740.4	3257.5	2617.7	1872.6	1196.1	719.6	359.4	158.2	122.5	97.5	78.0
22.5°	4892.9	4183.6	3456.4	2442.8	1558.1	996.3	513.6	232.2	138.6	106.2	83.0
20°	5997.1	5126.3	4295.1	2890.2	1944.6	1318.3	728.4	315.0	155.5	115.0	87.9
17.5°	7069.6	5900.2	4748.5	3377.7	2323.6	1622.3	960.6	404.8	172.9	124.0	92.7
15°	7800.8	6417.3	5172.9	3813.0	2662.2	1908.2	1204.8	499.2	190.6	133.0	100.1
12.5°	8361.2	6885.7	5578.1	4196.5	2962.2	2175.9	1455.2	595.8	208.3	146.9	110.7
10°	8842.4	7304.5	5958.1	4528.8	3225.9	2425.3	1705.5	686.9	235.6	164.8	121.3
7.5°	9246.4	7672.9	6306.7	4810.9	3441.5	2589.8	1859.0	761.0	263.8	182.7	131.8
5°	9561.7	7945.8	6582.3	5003.1	3553.5	2663.8	1975.1	825.7	291.3	200.3	142.0
2.5°	9749.3	8094.1	6790.6	5146.0	3643.0	2718.4	2065.4	880.2	317.5	217.2	151.9
0°	9871.7	8189.8	6947.3	5244.0	3708.0	2755.2	2129.1	923.6	342.2	233.3	161.4
-2.5°	9918.3	8204.1	6969.9	5369.0	3840.1	2869.1	2191.0	1044.2	457.7	312.5	212.2
-5°	9892.5	8174.7	6946.8	5447.8	3944.3	2964.0	2229.9	1152.9	569.6	389.4	261.7
-7.5°	9583.3	8002.2	6826.8	5459.7	4019.7	3036.5	2250.1	1249.8	676.1	462.8	309.1
-10°	9170.5	7725.0	6577.6	5295.3	4011.6	3080.2	2260.8	1334.9	775.8	531.6	353.7
-12.5°	8712.6	7411.6	6307.0	5115.9	3975.3	3103.9	2290.6	1414.3	866.9	594.6	394.9
-15°	8217.0	7064.5	6022.5	4930.7	3924.8	3115.9	2306.6	1482.2	949.2	654.4	432.0
-17.5°	7729.4	6686.1	5731.1	4748.4	3863.2	3118.1	2311.1	1534.8	1022.0	712.0	471.7
-20°	7464.4	6411.1	5444.7	4576.7	3793.5	3112.2	2306.1	1571.4	1084.4	762.8	512.2



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	7199.9	6231.0	5307.1	4455.0	3734.7	3100.1	2293.4	1591.6	1135.6	806.3	547.5
-25°	6921.8	6041.6	5174.0	4368.8	3695.4	3055.5	2287.0	1595.1	1174.8	841.9	577.1
-27.5°	6675.7	5850.2	5019.9	4249.2	3618.2	3008.5	2276.9	1632.9	1205.7	869.2	600.7
-30°	6445.2	5656.9	4857.0	4109.2	3513.2	2894.8	2246.9	1656.8	1233.3	892.6	618.0
-32.5°	6207.2	5444.9	4660.8	3972.4	3373.7	2765.8	2162.3	1664.0	1249.7	910.2	632.7
-35°	5929.6	5187.9	4431.6	3802.8	3217.3	2632.6	2067.7	1654.3	1254.6	918.9	642.1
-37.5°	5614.4	4887.1	4215.2	3611.6	3049.8	2489.6	1998.9	1605.4	1248.0	918.5	644.6
-40°	5265.9	4586.5	3967.0	3417.6	2879.8	2337.2	1916.8	1553.8	1236.4	909.0	640.2
-42.5°	4899.4	4293.0	3730.0	3211.8	2703.6	2231.1	1825.1	1492.5	1194.3	894.7	628.8
-45°	4556.8	3994.4	3484.3	3002.9	2527.4	2111.8	1746.0	1423.3	1141.3	873.2	613.2
-47.5°	4203.3	3705.9	3235.6	2782.1	2378.0	1987.3	1655.9	1354.5	1080.9	842.1	595.1
-50°	3869.9	3415.8	2985.2	2583.3	2207.6	1874.4	1558.5	1276.9	1020.5	790.0	571.1
-52.5°	3556.2	3135.5	2748.6	2383.7	2056.6	1749.9	1460.6	1191.8	953.2	739.2	541.3
-55°	3244.6	2868.5	2517.5	2199.2	1902.6	1623.4	1353.2	1106.3	879.4	686.1	506.6
-57.5°	2944.8	2604.0	2305.6	2019.5	1744.8	1487.3	1243.0	1013.3	807.6	627.9	473.1
-60°	2643.4	2367.3	2098.4	1832.6	1579.9	1346.6	1127.8	916.9	732.3	566.9	431.0
-62.5°	2370.3	2122.7	1879.3	1636.0	1412.1	1203.5	1007.0	821.4	651.4	510.1	384.2
-65°	2090.4	1868.4	1649.8	1441.4	1242.2	1056.5	887.3	719.7	576.5	449.7	338.1
-67.5°	1807.1	1613.3	1427.8	1242.8	1073.7	913.9	761.1	625.0	500.4	386.1	298.3
-70°	1524.3	1356.8	1204.9	1055.5	907.9	768.7	647.4	531.1	420.7	334.4	256.6
-72.5°	1247.5	1116.8	991.7	866.3	748.3	637.1	532.9	437.6	355.8	280.9	213.1
-75°	980.2	882.2	788.0	692.1	593.8	502.7	428.8	358.5	289.0	225.5	175.2
-77.5°	742.4	664.9	589.2	522.6	454.9	391.4	332.6	276.9	223.6	178.7	138.7
-80°	523.0	472.7	423.7	375.3	324.8	278.0	240.7	204.5	166.2	131.7	101.3
-82.5°	325.3	296.6	269.9	243.0	213.9	186.0	159.5	134.1	107.5	83.7	69.6
-85°	178.5	161.3	144.1	126.9	109.6	93.2	85.3	77.5	68.0	59.0	50.6
-87.5°	74.5	70.2	65.9	61.5	57.5	53.4	49.5	45.6	40.6	35.9	31.4
-90°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.3	6.8	7.3



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.7	11.2	10.7	10.2	9.7	8.8	7.8
87.5°	11.8	11.2	10.8	10.5	10.4	9.0	7.8
85°	15.8	14.1	12.8	11.8	11.0	9.3	7.8
82.5°	19.8	17.0	14.8	13.0	11.7	9.6	7.8
80°	23.3	19.9	16.8	14.3	12.4	9.9	7.8
77.5°	24.2	21.9	18.7	15.5	13.0	10.2	7.8
75°	25.0	22.2	20.2	16.7	13.6	10.5	7.8
72.5°	25.7	22.6	20.3	17.8	14.2	10.7	7.8
70°	26.3	22.8	20.3	18.7	14.8	11.0	7.8
67.5°	27.1	23.0	20.3	18.5	15.4	11.3	7.8
65°	27.9	23.5	20.2	18.3	16.0	11.5	7.8
62.5°	28.7	24.3	20.1	18.1	16.5	11.7	7.8
60°	29.5	25.1	19.9	17.9	17.0	12.0	7.8
57.5°	31.0	25.8	20.5	17.6	16.8	12.2	7.8
55°	32.5	26.6	21.2	17.3	16.7	12.4	7.8
52.5°	34.0	27.4	21.8	17.0	16.5	12.6	7.8
50°	35.5	28.7	22.5	16.6	16.4	12.7	7.8
47.5°	37.0	29.9	23.1	16.4	16.3	12.9	7.8
45°	39.2	31.1	23.7	16.9	16.3	13.1	7.8
42.5°	41.5	32.2	24.3	17.3	16.2	13.2	7.8
40°	43.8	33.2	25.0	18.0	16.2	13.3	7.8
37.5°	46.3	34.2	25.8	18.9	16.2	13.5	7.8
35°	48.8	35.8	26.5	19.9	16.2	13.6	7.8
32.5°	51.4	37.7	27.2	20.8	16.2	13.7	7.8
30°	54.4	39.6	27.8	21.8	16.3	13.7	7.8
27.5°	57.5	41.5	29.8	22.8	16.3	13.8	7.8
25°	60.6	43.3	32.1	23.9	16.4	13.8	7.8
22.5°	63.7	46.0	34.5	24.9	16.5	13.9	7.8
20°	66.8	50.9	36.9	26.0	16.6	13.9	7.8
17.5°	72.5	55.9	39.4	27.0	16.7	13.9	7.8
15°	79.8	61.0	42.0	28.0	16.8	13.9	7.8
12.5°	87.1	66.1	44.5	29.0	17.0	13.9	7.8
10°	94.2	71.0	47.1	29.9	17.1	13.8	7.8
7.5°	101.2	75.9	49.6	30.8	17.2	13.8	7.8
5°	107.9	80.7	52.0	31.6	17.3	13.7	7.8
2.5°	114.4	85.2	54.3	32.4	17.4	13.7	7.8
0°	120.6	89.4	56.4	33.1	17.5	13.6	7.8
-2.5°	150.8	106.9	65.5	37.1	18.9	13.8	7.8
-5°	180.3	123.8	74.4	41.1	20.2	14.1	7.8
-7.5°	208.6	140.1	82.9	44.8	21.5	14.3	7.8
-10°	235.5	155.3	90.9	48.3	22.7	14.5	7.8
-12.5°	260.5	169.5	98.3	51.6	23.9	14.7	7.8
-15°	283.2	182.3	105.0	54.5	25.0	14.9	7.8
-17.5°	303.5	193.5	110.9	57.2	26.0	15.0	7.8
-20°	325.6	203.2	116.0	59.4	26.9	15.2	7.8



REPORT NUMBER: P1305781 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	352.1	210.9	120.2	61.3	27.7	15.3	7.8
-25°	374.7	222.8	123.3	62.7	28.4	15.3	7.8
-27.5°	393.0	234.9	125.4	63.7	29.0	15.4	7.8
-30°	406.9	244.2	126.8	64.2	29.4	15.4	7.8
-32.5°	416.2	250.7	131.6	64.2	29.7	15.4	7.8
-35°	422.8	254.4	134.7	63.7	29.9	15.4	7.8
-37.5°	426.0	256.1	136.1	62.7	30.0	15.3	7.8
-40°	424.7	257.1	135.8	61.1	29.8	15.3	7.8
-42.5°	419.0	255.2	135.1	59.7	29.6	15.2	7.8
-45°	408.9	250.5	134.3	59.0	29.2	15.0	7.8
-47.5°	394.3	243.1	132.0	57.5	28.6	14.9	7.8
-50°	379.9	232.8	128.2	56.9	27.9	14.7	7.8
-52.5°	362.2	219.9	123.1	56.4	27.1	14.5	7.8
-55°	340.8	209.0	116.5	55.1	26.1	14.2	7.8
-57.5°	315.6	196.9	108.7	53.3	25.0	13.9	7.8
-60°	287.9	182.7	99.7	50.9	23.7	13.6	7.8
-62.5°	264.9	166.7	93.5	47.9	22.9	13.3	7.8
-65°	239.2	148.8	86.3	44.3	21.9	13.0	7.8
-67.5°	211.1	132.2	78.1	40.3	20.9	12.6	7.8
-70°	180.9	117.2	69.2	35.9	19.8	12.3	7.8
-72.5°	155.6	101.0	59.5	32.8	18.7	11.9	7.8
-75°	129.8	83.8	49.1	30.0	17.5	11.4	7.8
-77.5°	102.6	65.6	42.4	27.0	16.3	11.0	7.8
-80°	74.4	52.7	36.4	23.8	15.0	10.6	7.8
-82.5°	57.9	42.6	30.2	20.5	13.7	10.1	7.8
-85°	42.7	32.3	23.8	17.1	12.4	9.7	7.8
-87.5°	27.3	21.8	17.3	13.7	11.1	9.2	7.8
-90°	7.8	8.3	8.8	9.2	9.7	8.8	7.8

(END OF REPORT)