

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: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-80-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

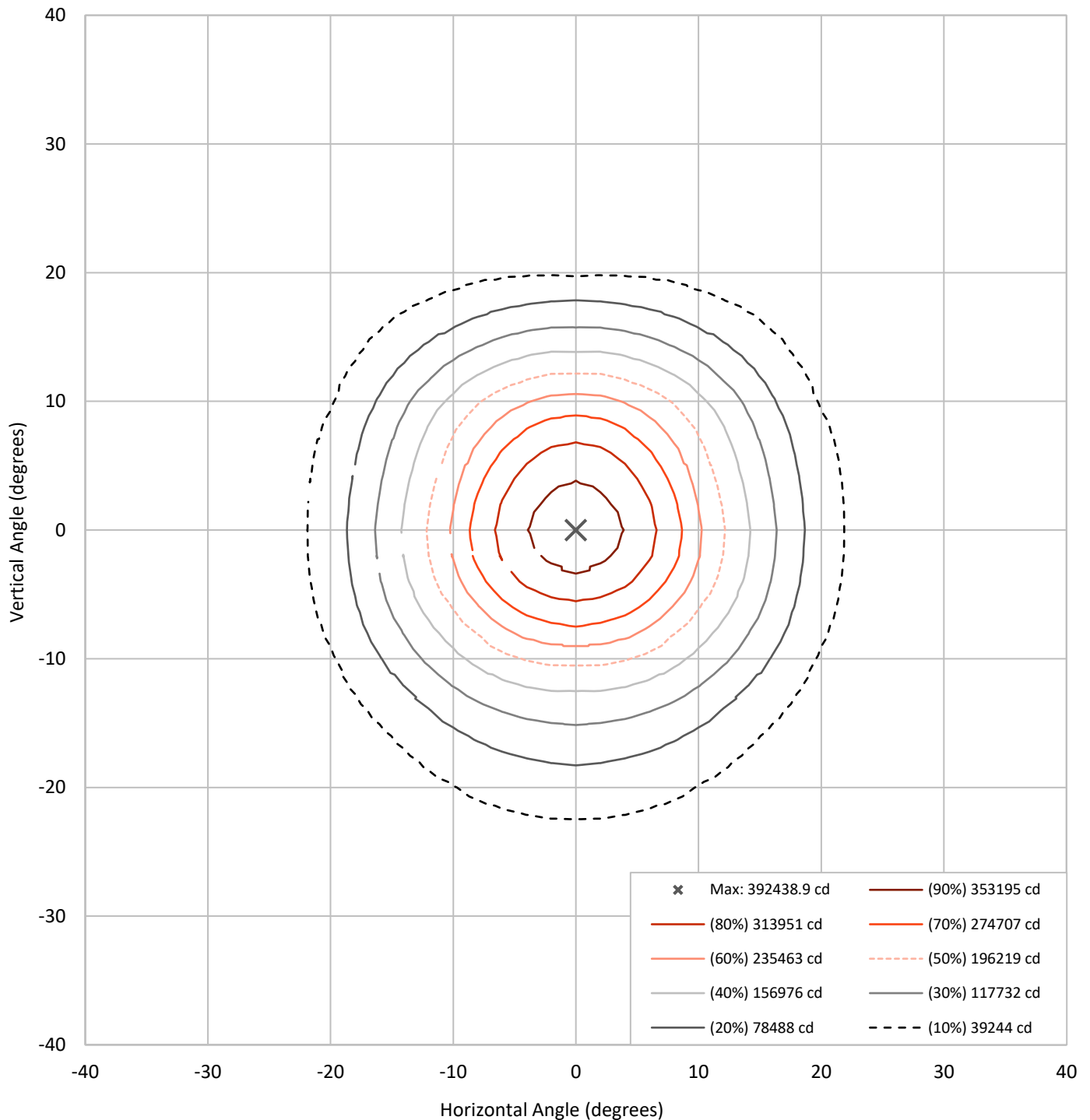
Test Method: LM-79-08
Report Number: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-80-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	81336.2 lumens	Max Intensity:	392438.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	38353.8 lumens	Field Lumens:	69287.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
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: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

Iso-Candela Plot





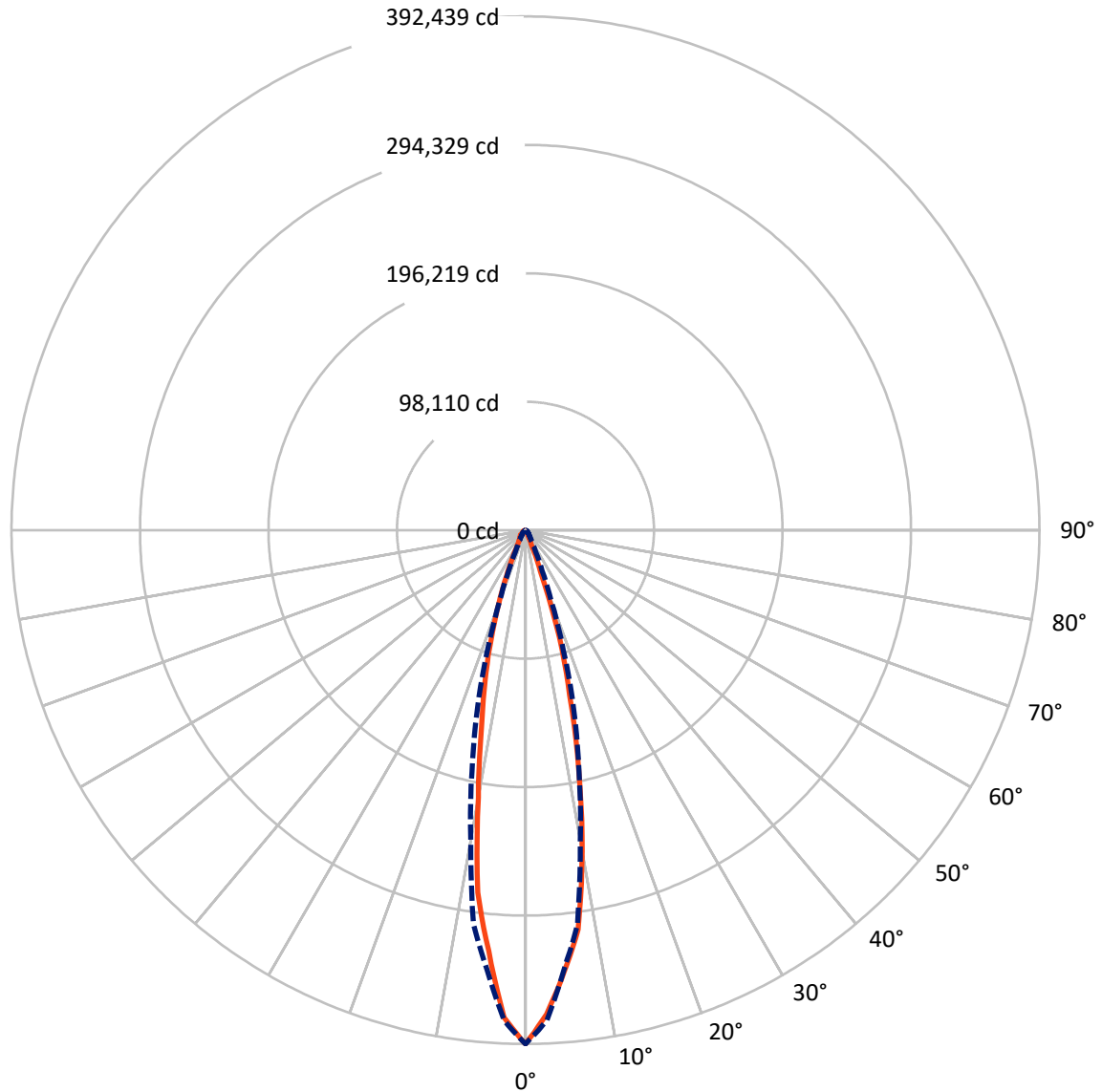
REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

Lumen Table

90	0.1	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1								
80	0.1	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1								
70	0.1	0.1	0.2	0.7	0.9	0.6	0.4	0.4	0.4	0.4	0.6	0.9	0.7	0.2	0.1	0.1			
60		0.1	0.5	0.9	0.7	0.4	0.3	0.4	0.4	0.3	0.4	0.7	0.9	0.5	0.1				
50	0.2	0.3	0.7	0.7	0.8	1.2	2.1	1.5	1.5	2.1	1.2	0.8	0.7	0.7	0.3	0.2			
40		0.4	1.4	3.2	5.7	8.3	11.3	13.6	13.6	11.3	8.3	5.7	3.2	1.4	0.4				
30	0.2	0.8	5.5	17.3	40.1	66.8	137.2	264.0	264.0	137.2	66.8	40.1	17.3	5.5	0.8	0.2			
20		1.7	11.8	44.2	106.9	283.1	1558.8	3678.6	3678.6	1558.8	283.1	106.9	44.2	11.8	1.7				
10	0.4	2.6	15.7	58.8	137.6	603.8	3736.9	8763.8	8763.8	3736.9	603.8	137.6	58.8	15.7	2.6	0.4			
0		3.2	16.9	59.8	137.9	597.9	3671.6	8398.4	8398.4	3671.6	597.9	137.9	59.8	16.9	3.2				
-10	0.7	3.8	16.0	49.6	108.4	285.4	1488.6	3359.7	3359.7	1488.6	285.4	108.4	49.6	16.0	3.8	0.7			
-20		4.0	14.8	37.2	92.4	161.8	370.4	757.2	757.2	370.4	161.8	92.4	37.2	14.8	4.0				
-30	0.6	3.5	12.8	28.1	68.2	133.7	187.9	230.8	230.8	187.9	133.7	68.2	28.1	12.8	3.5	0.6			
-40		2.5	9.7	22.2	41.4	73.5	120.3	154.0	154.0	120.3	73.5	41.4	22.2	9.7	2.5				
-50	0.3	1.2	5.9	14.9	28.2	43.5	58.2	67.4	67.4	58.2	43.5	28.2	14.9	5.9	1.2	0.3			
-60		0.5	2.0	6.5	13.2	20.9	28.5	32.9	32.9	28.5	20.9	13.2	6.5	2.0	0.5				
-70	0.2	1.2	4.1	10.7	14.5	10.7	4.1	1.2	0.2							0.2			
-80		1.2	4.1	10.7	14.5	10.7	4.1	1.2	0.2										
-90	0.2	1.2	4.1	10.7	14.5	10.7	4.1	1.2	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

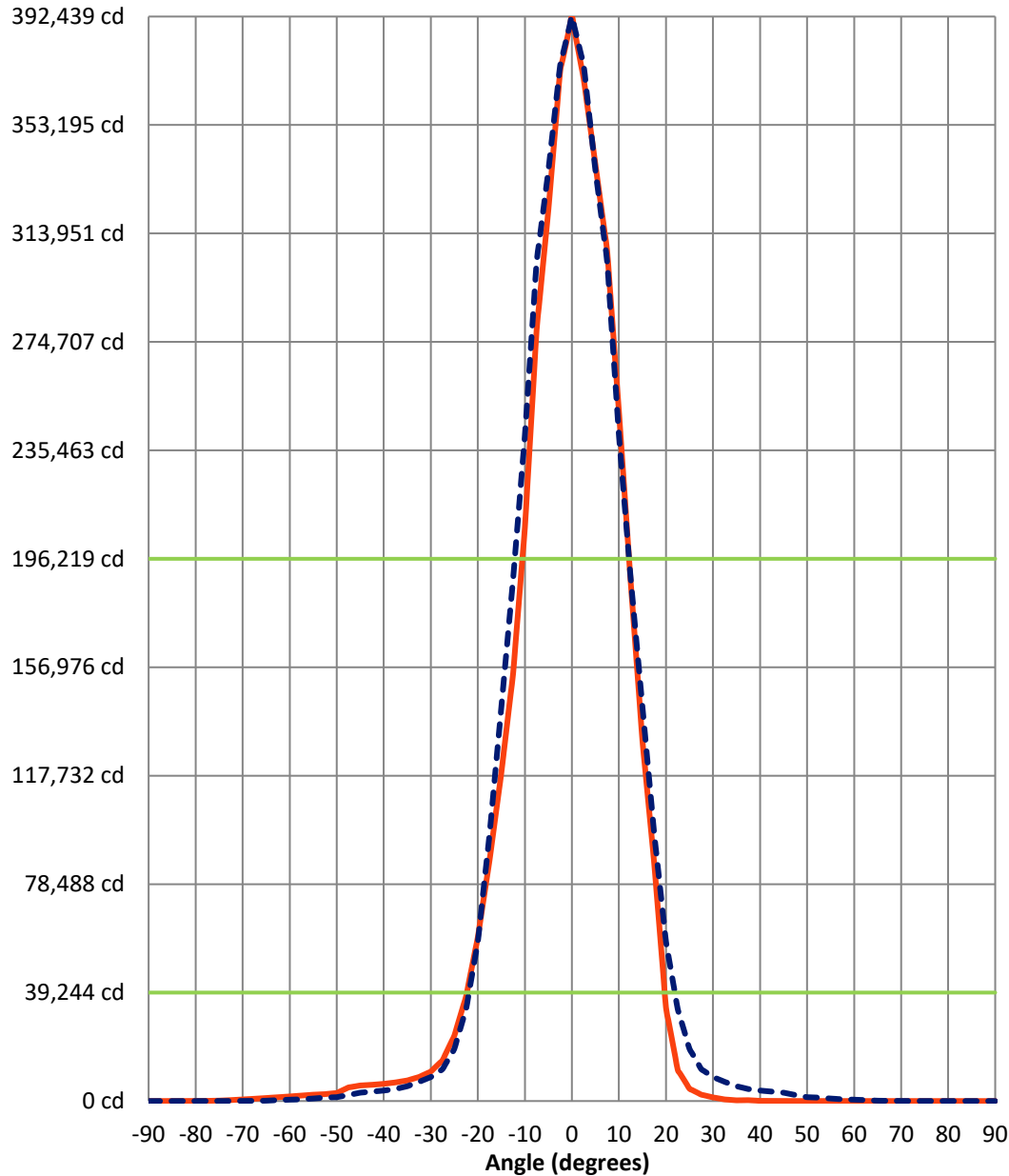
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

Luminous Intensity Plot



Beam:
H Angle: 24.3°
V Angle: 22.7°
Lumens: 38353.8
Efficiency: 47.2%

Field:
H Angle: 43.8°
V Angle: 42.1°
Lumens: 69287.8
Efficiency: 85.2%

Spill:
Lumens: 12048.3
Efficiency: 14.8%

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



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
87.5°	4.0	4.1	4.2	4.2	4.2	4.1	4.0	4.0	4.0	4.0	4.0
85°	4.0	4.2	4.3	4.4	4.3	4.2	4.0	4.0	4.0	4.0	4.0
82.5°	4.0	4.3	4.5	4.6	4.5	4.3	4.0	4.0	4.0	4.1	4.0
80°	4.0	4.3	4.7	4.8	4.7	4.5	4.1	4.3	4.4	4.3	4.0
77.5°	4.0	4.4	4.9	5.0	4.9	4.7	4.6	4.8	4.8	4.5	4.1
75°	4.0	4.5	5.0	5.2	5.1	5.0	5.1	5.3	5.1	4.6	4.2
72.5°	4.0	4.6	5.2	5.4	5.3	5.3	5.6	5.7	5.2	4.7	4.2
70°	4.0	4.7	5.4	5.6	5.4	5.6	6.0	5.7	5.2	4.8	4.8
67.5°	4.0	4.8	5.5	5.7	5.6	5.9	6.0	5.8	5.3	5.2	5.5
65°	4.0	4.8	5.7	5.7	5.7	6.0	6.0	5.8	5.6	5.7	6.0
62.5°	4.0	4.9	5.8	5.8	5.9	6.0	6.0	5.9	5.8	6.1	6.3
60°	4.0	5.0	6.0	5.8	6.0	6.0	6.0	6.0	6.0	6.4	6.5
57.5°	4.0	5.1	6.0	5.9	6.0	6.0	6.1	6.0	6.4	6.9	6.9
55°	4.0	5.1	6.0	5.9	6.0	6.0	6.2	6.1	6.9	7.3	7.3
52.5°	4.0	5.2	6.0	6.0	6.0	6.0	6.4	6.6	7.4	7.9	7.8
50°	4.0	5.3	6.0	6.0	6.0	6.2	6.6	7.2	8.0	8.5	10.5
47.5°	4.0	5.4	6.0	6.0	6.0	6.4	6.8	7.8	8.7	9.2	13.2
45°	4.0	5.4	6.0	6.0	6.0	6.6	7.3	8.3	9.3	11.3	15.7
42.5°	4.0	5.5	6.0	6.0	6.0	6.9	7.7	8.8	9.9	13.2	20.2
40°	4.0	5.5	6.0	6.0	6.1	7.1	8.2	9.4	10.8	14.9	24.8
37.5°	4.0	5.6	6.0	6.0	6.3	7.4	8.6	9.9	12.1	17.1	29.3
35°	4.0	5.6	6.0	6.0	6.5	7.7	9.0	10.4	13.4	21.2	32.9
32.5°	4.0	5.7	6.0	6.0	6.7	8.1	9.4	10.8	14.5	25.2	36.2
30°	4.0	5.7	6.0	6.0	6.9	8.4	9.8	11.4	15.5	29.3	39.6
27.5°	4.0	5.8	6.0	6.0	7.1	8.7	10.2	12.2	17.2	33.2	43.0
25°	4.0	5.8	6.0	6.0	7.2	9.0	10.6	13.0	20.4	36.5	46.7
22.5°	4.0	5.8	6.0	6.0	7.4	9.2	10.9	13.6	23.4	39.3	53.2
20°	4.0	5.9	6.0	6.0	7.5	9.4	11.2	14.2	26.3	42.1	60.2
17.5°	4.0	5.9	6.0	6.0	7.6	9.5	11.5	14.6	29.0	44.9	67.6
15°	4.0	5.9	6.0	6.0	7.7	9.7	11.9	15.2	31.5	47.6	75.1
12.5°	4.0	6.0	6.0	6.0	7.8	9.8	12.3	16.1	34.4	50.1	82.7
10°	4.0	6.0	6.0	6.0	7.9	9.8	12.7	16.9	37.7	54.2	91.2
7.5°	4.0	6.0	6.0	6.0	7.9	9.9	13.0	17.8	40.7	58.4	101.7
5°	4.0	6.0	6.0	6.0	8.0	10.0	13.4	18.5	43.4	62.5	111.7
2.5°	4.0	6.0	6.0	6.0	8.0	10.0	13.7	19.2	45.9	66.3	121.1
0°	4.0	6.0	6.0	6.0	8.0	10.0	13.7	19.2	45.9	66.3	121.1
-2.5°	4.0	6.0	6.1	6.3	8.3	10.9	16.4	26.1	58.9	87.7	152.7
-5°	4.0	6.0	6.2	6.5	8.7	11.7	18.6	32.1	69.2	104.9	174.2
-7.5°	4.0	6.0	6.3	6.8	9.0	12.5	20.8	37.7	78.7	121.0	194.1
-10°	4.0	6.0	6.3	7.0	9.3	13.2	22.7	42.7	87.0	135.7	212.0
-12.5°	4.0	6.0	6.4	7.3	9.6	13.8	24.3	47.1	94.2	148.9	230.0
-15°	4.0	5.9	6.5	7.5	9.8	14.4	25.7	50.6	100.5	160.8	245.9
-17.5°	4.0	5.9	6.5	7.7	10.1	14.9	26.7	53.9	106.0	170.8	258.2
-20°	4.0	5.9	6.6	7.9	10.3	15.2	27.7	56.8	109.8	178.6	266.3



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.0	5.9	6.6	8.0	10.5	15.4	28.6	58.4	111.5	184.2	269.9
-25°	4.0	5.9	6.7	8.2	10.7	15.6	28.9	58.6	111.2	187.3	268.8
-27.5°	4.0	5.8	6.7	8.3	10.8	15.7	28.5	57.5	108.6	187.4	271.4
-30°	4.0	5.8	6.7	8.4	10.9	15.6	27.3	54.9	106.2	184.1	270.9
-32.5°	4.0	5.8	6.7	8.5	11.0	15.4	25.4	53.1	103.0	177.6	267.0
-35°	4.0	5.7	6.7	8.5	11.1	14.9	24.4	50.8	97.8	168.1	259.6
-37.5°	4.0	5.7	6.7	8.5	11.1	14.5	23.8	47.2	90.3	155.5	243.0
-40°	4.0	5.7	6.7	8.5	11.0	14.5	22.9	42.5	80.7	143.7	222.5
-42.5°	4.0	5.7	6.6	8.5	10.9	14.4	21.7	36.6	72.4	128.5	198.9
-45°	4.0	5.6	6.6	8.4	10.8	14.2	20.2	31.8	64.2	110.9	173.3
-47.5°	4.0	5.6	6.5	8.3	10.7	13.9	18.5	29.7	54.4	91.3	150.8
-50°	4.0	5.6	6.4	8.1	10.5	13.5	17.8	27.2	42.6	77.7	125.8
-52.5°	4.0	5.5	6.3	8.0	10.3	13.1	17.2	24.2	36.3	62.9	99.5
-55°	4.0	5.5	6.2	7.8	10.0	12.7	16.5	21.2	32.2	47.0	81.1
-57.5°	4.0	5.5	6.1	7.6	9.8	12.3	15.6	20.1	27.9	39.3	61.4
-60°	4.0	5.4	6.0	7.4	9.5	11.9	14.7	18.9	24.0	34.0	45.4
-62.5°	4.0	5.4	6.0	7.2	9.1	11.4	14.1	17.7	22.4	28.4	38.9
-65°	4.0	5.4	6.0	7.0	8.7	10.9	13.4	16.4	20.7	25.5	32.0
-67.5°	4.0	5.3	6.0	6.7	8.3	10.3	12.6	15.5	18.9	23.3	28.1
-70°	4.0	5.3	6.0	6.5	7.9	9.7	11.8	14.4	17.6	21.0	25.3
-72.5°	4.0	5.3	6.0	6.4	7.5	9.1	10.9	13.4	16.2	19.3	22.6
-75°	4.0	5.2	6.0	6.3	7.0	8.4	10.0	12.2	14.7	17.5	20.5
-77.5°	4.0	5.2	6.0	6.3	6.8	7.7	9.1	11.0	13.2	15.6	18.2
-80°	4.0	5.2	6.0	6.2	6.7	7.3	8.1	9.8	11.7	13.7	15.9
-82.5°	4.0	5.1	6.0	6.2	6.5	7.0	7.5	8.6	10.1	11.7	13.5
-85°	4.0	5.1	6.0	6.1	6.3	6.6	7.0	7.8	8.7	9.8	11.0
-87.5°	4.0	5.0	6.0	6.1	6.2	6.3	6.5	6.9	7.4	7.9	8.5
-90°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.5	7.0	7.5	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
87.5°	3.5	3.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	3.5	3.0	2.6	2.3	2.3	2.3	2.2	2.0	2.0	2.0	2.0
82.5°	3.7	3.5	3.4	3.4	3.3	3.0	2.6	2.3	2.3	2.3	2.2
80°	3.9	4.0	4.0	4.0	3.8	3.6	3.6	3.7	3.5	3.2	2.9
77.5°	4.0	4.0	4.0	4.0	4.0	4.2	4.5	5.0	5.0	4.8	4.5
75°	4.0	4.0	4.1	4.1	4.2	4.7	5.3	5.8	5.8	5.7	5.7
72.5°	4.3	4.6	4.5	4.2	4.6	5.3	5.8	6.0	7.2	8.8	9.9
70°	5.1	5.2	5.1	5.2	5.6	6.5	8.6	11.3	14.2	16.2	18.8
67.5°	5.9	5.6	5.7	6.2	7.6	9.9	13.1	20.1	28.0	31.0	32.5
65°	6.0	5.9	6.5	7.8	9.8	15.7	23.4	32.5	42.1	44.2	44.0
62.5°	6.0	6.3	7.3	10.4	15.9	23.3	33.3	43.6	53.6	52.0	45.9
60°	6.2	6.5	10.1	15.9	22.6	32.5	43.5	48.9	52.1	51.8	44.6
57.5°	6.5	8.8	14.9	22.4	31.8	40.4	43.9	47.1	49.0	50.6	41.9
55°	8.1	12.8	20.5	30.4	38.1	39.8	41.9	43.0	44.6	41.4	32.1
52.5°	11.8	17.4	27.4	36.2	39.5	39.2	37.2	37.3	34.6	30.2	25.5
50°	15.2	23.9	33.4	38.9	40.5	37.5	32.2	30.5	27.7	24.1	20.9
47.5°	20.3	30.3	37.1	41.6	40.6	36.4	30.2	26.5	23.5	22.5	19.4
45°	25.9	34.7	41.2	43.2	41.0	35.6	30.6	23.8	25.3	25.0	24.7
42.5°	31.3	38.4	43.9	45.5	41.0	37.4	32.9	31.4	31.2	35.1	37.9
40°	34.8	42.0	47.1	47.6	42.7	41.7	44.7	46.6	44.8	51.6	57.3
37.5°	37.9	45.6	52.0	54.4	48.2	53.1	60.6	81.6	83.6	71.6	91.7
35°	40.8	49.9	61.8	71.1	70.7	71.2	103.4	135.3	150.2	131.5	148.9
32.5°	44.4	54.8	75.3	99.5	119.6	122.7	157.7	222.6	253.1	254.4	251.9
30°	49.7	67.7	96.4	136.3	187.0	236.1	262.7	334.1	383.1	466.9	530.4
27.5°	56.9	84.2	131.9	198.5	278.5	376.0	435.4	476.7	597.4	754.1	923.1
25°	65.3	117.6	172.9	278.2	414.1	538.0	613.8	663.3	874.2	1185.1	1402.7
22.5°	83.4	160.5	232.9	368.9	567.3	706.6	786.6	946.4	1273.4	1690.8	1948.3
20°	114.7	213.0	303.3	451.5	724.0	879.2	954.9	1272.1	1776.9	2204.8	2559.6
17.5°	150.8	265.9	373.1	548.3	812.1	1012.0	1140.6	1620.8	2313.2	2697.6	3103.9
15°	190.6	318.8	435.3	634.3	897.0	1090.6	1368.9	2041.2	2803.7	3170.8	3590.0
12.5°	232.6	371.0	490.4	709.8	980.6	1163.3	1573.2	2340.9	3056.9	3554.0	4097.8
10°	275.6	422.0	539.0	774.8	1061.3	1230.1	1765.0	2590.8	3190.8	3658.3	4292.9
7.5°	302.2	457.0	578.7	830.0	1137.2	1291.2	1940.2	2792.6	3285.8	3720.1	4319.5
5°	321.5	474.0	598.3	867.4	1190.1	1339.7	2083.2	2948.1	3347.6	3744.7	4272.2
2.5°	335.8	487.1	614.9	895.5	1222.7	1373.1	2150.4	3008.0	3388.5	3774.9	4279.2
0°	345.0	496.5	628.1	915.2	1244.2	1401.7	2185.4	3028.8	3413.6	3800.5	4350.8
-2.5°	357.2	510.1	649.0	935.2	1249.7	1408.1	2190.5	3020.6	3428.1	3861.6	4428.2
-5°	365.3	519.9	665.8	946.5	1245.7	1409.0	2163.0	2977.5	3407.2	3846.6	4398.4
-7.5°	370.1	525.9	677.8	947.5	1224.4	1387.7	2069.1	2841.8	3290.3	3702.5	4244.9
-10°	374.0	534.4	689.1	931.4	1183.1	1350.5	1936.7	2680.8	3160.5	3540.2	4049.5
-12.5°	386.5	546.0	697.5	911.9	1140.9	1308.6	1774.8	2499.3	3020.4	3361.8	3838.7
-15°	395.3	555.4	702.5	890.7	1099.9	1262.3	1584.5	2301.4	2913.7	3297.2	3706.0
-17.5°	400.5	562.9	704.3	869.2	1062.5	1211.9	1375.4	2117.9	2828.7	3262.1	3639.6
-20°	402.0	568.9	703.1	848.8	1029.7	1181.9	1328.9	1895.1	2620.9	3206.3	3581.0



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	400.1	573.9	701.3	839.5	1008.4	1168.4	1311.1	1648.8	2346.6	3125.8	3505.9
-25°	398.9	567.1	701.0	826.4	984.5	1152.1	1292.7	1418.6	2038.0	2816.2	3405.1
-27.5°	396.4	556.5	686.8	805.6	954.6	1129.2	1271.0	1395.1	1753.8	2464.5	3246.5
-30°	387.5	528.2	667.5	779.6	924.3	1090.5	1246.5	1378.0	1512.1	2105.3	2835.0
-32.5°	367.4	497.2	635.6	754.3	886.7	1045.7	1211.8	1347.9	1484.0	1701.7	2393.7
-35°	346.2	468.0	598.4	722.9	841.1	994.2	1152.8	1307.5	1443.0	1585.4	1923.0
-37.5°	329.8	435.9	559.5	683.7	801.1	935.5	1087.4	1243.9	1389.8	1536.8	1703.1
-40°	310.0	401.2	520.8	639.8	756.9	878.3	1018.5	1166.4	1319.3	1488.6	1644.5
-42.5°	286.4	375.3	480.0	594.5	708.2	824.6	945.6	1085.7	1245.6	1424.6	1589.5
-45°	256.7	345.8	438.2	545.5	655.3	766.3	881.3	1002.6	1162.9	1333.8	1509.2
-47.5°	223.6	311.4	400.7	492.4	597.8	704.8	812.3	934.8	1070.3	1229.3	1399.8
-50°	189.2	270.5	357.7	442.5	535.5	638.2	741.9	860.0	987.6	1120.1	1269.3
-52.5°	157.8	225.8	307.2	391.3	474.9	566.0	667.2	777.4	895.6	1021.6	1144.4
-55°	123.6	184.5	252.1	332.2	414.6	495.8	582.9	683.8	792.6	907.8	1022.7
-57.5°	96.0	141.7	199.8	266.8	344.8	425.6	502.9	583.6	678.8	782.0	882.6
-60°	72.0	104.6	148.7	205.3	268.1	342.7	419.8	494.3	569.9	646.1	735.0
-62.5°	50.0	75.3	105.9	145.0	198.8	257.1	324.7	395.7	467.7	533.3	598.3
-65°	42.0	50.5	71.5	100.1	130.4	179.7	233.8	290.5	353.8	410.3	468.7
-67.5°	33.6	41.3	48.9	60.3	86.4	114.9	145.6	193.4	242.8	283.6	325.3
-70°	29.3	32.8	39.0	45.7	52.2	63.8	88.8	115.4	142.0	168.6	202.7
-72.5°	25.8	28.7	31.8	35.1	40.6	46.1	51.7	57.3	72.3	92.5	111.2
-75°	22.6	24.6	27.1	29.8	32.5	35.0	37.8	42.4	47.1	51.7	56.4
-77.5°	19.8	21.2	22.9	24.6	26.6	28.8	30.9	33.0	34.9	36.8	38.8
-80°	17.0	17.9	18.9	20.2	21.5	22.9	24.4	26.0	27.3	28.5	29.8
-82.5°	14.3	14.9	15.6	16.2	16.9	17.5	18.1	19.1	20.0	20.9	21.7
-85°	11.6	12.0	12.4	12.9	13.3	13.7	14.1	14.4	14.8	15.1	15.5
-87.5°	9.0	9.5	9.9	10.3	10.4	10.6	10.7	10.8	10.9	11.1	11.2
-90°	3.5	3.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.0	8.5	9.0	9.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.6	2.6	2.5	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	4.3	4.0	3.8	3.5	3.2	3.0	2.8	2.4	2.1	2.0	2.0
75°	5.8	5.9	6.0	5.7	5.1	4.7	4.4	4.0	3.7	3.7	3.8
72.5°	10.6	10.6	10.2	10.1	9.4	9.2	9.2	9.1	8.8	9.0	9.3
70°	20.4	20.9	20.5	19.2	17.1	15.5	14.7	13.5	12.1	11.9	12.5
67.5°	32.1	30.6	28.8	26.5	22.9	19.8	18.3	16.9	15.5	15.2	15.5
65°	40.9	34.7	30.4	27.0	24.1	21.3	19.3	17.5	15.6	14.5	14.3
62.5°	39.5	32.4	27.7	24.5	21.9	19.5	17.2	14.9	12.7	11.3	11.3
60°	37.1	29.2	23.1	20.1	17.8	16.1	14.0	12.2	10.8	10.0	10.1
57.5°	31.5	23.0	17.6	16.3	14.7	12.8	11.5	10.7	10.3	10.0	10.0
55°	24.3	19.5	16.3	14.5	12.8	11.1	10.1	10.3	10.3	10.0	10.4
52.5°	20.0	17.2	15.0	13.3	12.5	12.1	11.8	11.9	12.1	12.4	12.7
50°	17.9	16.0	15.0	13.8	13.8	13.8	13.8	14.4	15.0	15.2	15.0
47.5°	18.1	17.3	18.2	15.9	16.3	17.8	17.8	18.0	19.3	19.7	19.5
45°	22.8	27.6	27.7	25.5	24.1	29.4	29.8	27.0	41.4	40.5	30.7
42.5°	40.7	43.4	43.6	46.0	51.0	67.0	96.8	123.6	127.7	112.3	77.0
40°	65.7	63.5	68.5	82.2	121.8	158.0	185.4	267.3	266.6	208.6	210.2
37.5°	107.0	104.6	112.2	153.8	166.6	144.0	202.9	208.6	178.6	212.9	215.9
35°	184.2	208.8	182.0	226.0	228.2	204.0	219.0	244.4	208.4	249.4	267.1
32.5°	335.8	379.3	383.4	380.0	402.7	424.8	411.8	473.6	484.6	525.6	570.7
30°	545.6	629.3	693.2	680.9	718.4	784.4	805.9	900.2	994.2	1052.5	1195.3
27.5°	950.8	993.0	1124.1	1216.4	1195.0	1302.7	1516.4	1582.5	1852.1	1981.2	2167.1
25°	1505.5	1580.5	1767.3	1986.4	2080.2	2260.7	2607.8	2774.0	3128.0	3308.8	3990.3
22.5°	2192.9	2446.9	2681.3	2975.7	3398.1	3756.8	4142.7	4791.4	5845.2	7359.5	9167.2
20°	2977.6	3403.3	3757.8	4301.6	5001.8	5676.6	6674.8	9553.2	12610.3	18986.8	23319.1
17.5°	3720.0	4395.8	4891.1	5613.3	6647.6	8336.5	11775.4	18209.4	28321.0	40673.3	52464.5
15°	4299.4	4990.1	5908.2	6998.2	8578.0	11883.1	18164.7	30881.9	50160.6	68982.8	88787.0
12.5°	4789.0	5519.5	6525.7	8002.3	10365.1	16306.0	27600.3	46757.1	72171.2	100191.7	129797.9
10°	5104.1	5991.2	7196.2	9146.4	13072.7	21513.1	36196.2	61866.6	96027.5	132610.9	165517.5
7.5°	5159.5	6242.0	7768.4	10140.5	15759.2	26945.1	46420.2	76618.4	114031.6	155235.0	196678.3
5°	5181.6	6475.6	8252.0	10921.5	17604.9	30874.4	52310.0	86069.4	127611.6	169928.1	214530.9
2.5°	5240.7	6704.9	8606.9	11467.8	18669.6	33217.4	55713.6	92839.2	136666.0	182616.6	232346.2
0°	5363.7	6944.9	8683.6	11560.9	18892.7	33267.0	57676.9	96718.4	142571.3	188996.3	240866.9
-2.5°	5430.4	6914.1	8618.8	11371.0	18605.0	33272.2	55790.0	94019.5	139491.9	184787.8	237058.5
-5°	5315.9	6605.4	8220.1	10797.8	17346.4	30611.5	52041.8	87050.7	129021.6	169747.7	211780.3
-7.5°	5070.1	6171.0	7653.4	9984.0	15394.7	26487.2	45266.9	74013.8	109653.7	145059.2	177806.2
-10°	4783.8	5710.5	6926.3	8802.5	12636.7	20943.2	35418.9	58037.8	88650.6	119044.8	146680.2
-12.5°	4474.8	5196.5	6096.7	7394.3	9781.2	15813.4	26843.0	44179.2	65346.9	88275.7	113377.3
-15°	4210.7	4742.8	5425.1	6530.2	8351.0	11780.8	18018.5	29555.1	44733.8	62708.8	81212.5
-17.5°	4033.2	4428.8	5023.0	5866.0	6985.2	9022.4	13537.0	20376.9	30143.4	43596.5	55817.1
-20°	3905.8	4277.9	4749.4	5413.1	6350.5	7786.8	9995.9	14710.1	21136.8	29856.5	38151.7



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3814.9	4149.7	4548.2	5082.3	5919.4	7041.8	8451.9	10739.9	14787.2	19929.3	25696.1
-25°	3725.5	4003.1	4442.7	5017.0	5592.3	6395.5	7370.0	8493.4	10649.6	12935.8	16475.6
-27.5°	3623.2	3966.7	4457.8	4994.3	5512.7	5911.3	6603.1	7377.9	8519.6	9624.9	11443.5
-30°	3548.7	3988.0	4476.6	4992.2	5391.6	5743.9	6130.8	6723.0	7461.7	8242.9	9078.9
-32.5°	3177.8	3922.7	4424.1	4886.4	5216.8	5544.1	5886.8	6297.7	6770.0	7264.8	7772.6
-35°	2680.8	3474.1	4252.0	4614.5	4949.2	5279.4	5636.8	5969.6	6302.9	6637.5	6956.3
-37.5°	2071.6	2849.0	3583.9	4217.1	4601.5	4937.7	5318.8	5660.4	5952.6	6204.0	6449.4
-40°	1809.8	2081.2	2792.2	3458.6	4018.1	4550.9	4910.0	5288.3	5614.2	5846.1	6054.5
-42.5°	1737.7	1890.6	2048.2	2559.3	3177.0	3724.6	4211.7	4685.0	5133.0	5455.5	5703.4
-45°	1675.1	1804.5	1939.6	2090.3	2240.8	2720.9	3227.4	3737.2	4264.5	4736.5	5118.6
-47.5°	1559.4	1716.1	1849.1	1973.8	2093.5	2230.1	2371.2	2574.3	3037.0	3509.3	3939.7
-50°	1416.4	1563.3	1711.5	1859.0	1969.9	2074.8	2182.1	2303.2	2438.0	2575.6	2691.6
-52.5°	1260.7	1395.8	1532.6	1662.7	1786.9	1907.6	2025.4	2132.2	2232.7	2329.6	2386.6
-55°	1134.3	1242.4	1350.1	1461.6	1574.9	1685.3	1794.8	1905.2	2011.6	2113.2	2170.0
-57.5°	986.7	1094.5	1197.6	1282.7	1370.5	1460.3	1554.0	1649.1	1742.4	1829.2	1878.1
-60°	826.5	919.9	1009.3	1091.9	1173.2	1252.8	1329.6	1405.1	1477.6	1540.7	1579.0
-62.5°	665.4	741.5	815.6	885.7	954.1	1021.1	1093.0	1161.1	1225.2	1277.1	1309.0
-65°	527.9	586.0	637.5	688.0	737.8	795.2	856.4	914.3	968.6	1010.9	1038.8
-67.5°	373.8	423.8	471.0	516.1	557.5	598.4	641.9	684.3	725.3	756.9	779.4
-70°	235.5	267.1	298.2	331.4	367.7	403.7	439.5	472.6	502.7	525.4	542.6
-72.5°	128.4	143.5	159.4	182.9	205.6	229.6	254.3	277.6	299.3	314.6	325.9
-75°	61.0	67.7	80.0	90.9	100.5	111.2	121.9	131.7	140.7	145.4	148.0
-77.5°	41.8	45.1	48.2	50.9	53.3	56.5	59.9	63.3	66.7	68.9	70.6
-80°	31.1	32.5	33.8	35.2	36.6	38.0	39.4	40.7	41.9	43.0	44.0
-82.5°	22.5	23.2	23.9	24.5	25.1	26.1	27.0	28.0	28.8	29.6	30.4
-85°	15.8	16.2	16.6	16.9	17.2	17.7	18.3	18.9	19.5	19.6	19.7
-87.5°	11.3	11.9	12.5	13.0	13.6	13.7	13.8	13.8	13.9	13.9	13.9
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	10.0	10.0	11.0	12.0	11.0	10.0	10.0	10.0	10.0	10.0	10.0
87.5°	0.5	0.0	1.0	2.0	1.0	0.0	0.5	1.0	1.5	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	2.1	2.4
75°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.7	4.0
72.5°	9.6	9.8	10.0	10.0	10.0	9.8	9.6	9.3	9.0	8.8	9.1
70°	13.2	13.8	14.0	14.0	14.0	13.8	13.2	12.5	11.9	12.1	13.5
67.5°	15.8	15.9	16.0	16.0	16.0	15.9	15.8	15.5	15.2	15.5	16.9
65°	14.2	14.1	13.1	12.0	13.1	14.1	14.2	14.3	14.5	15.6	17.5
62.5°	11.6	12.0	12.0	12.0	12.0	12.0	11.6	11.3	11.3	12.7	14.9
60°	10.1	10.1	10.0	10.0	10.0	10.1	10.1	10.1	10.0	10.8	12.2
57.5°	10.0	10.0	10.8	12.0	10.8	10.0	10.0	10.0	10.0	10.3	10.7
55°	11.0	11.7	12.0	12.0	12.0	11.7	11.0	10.4	10.0	10.3	10.3
52.5°	12.6	12.2	12.0	12.0	12.0	12.2	12.6	12.7	12.4	12.1	11.9
50°	14.6	14.2	14.0	14.0	14.0	14.2	14.6	15.0	15.2	15.0	14.4
47.5°	19.1	18.3	17.8	17.9	17.8	18.3	19.1	19.5	19.7	19.3	18.0
45°	31.4	31.5	31.6	31.9	31.6	31.5	31.4	30.7	40.5	41.4	27.0
42.5°	73.9	63.9	55.2	55.8	55.2	63.9	73.9	77.0	112.3	127.7	123.6
40°	189.4	141.7	94.2	79.8	94.2	141.7	189.4	210.2	208.6	266.6	267.3
37.5°	195.0	199.0	234.1	315.0	234.1	199.0	195.0	215.9	212.9	178.6	208.6
35°	272.6	276.8	267.1	261.2	267.1	276.8	272.6	267.1	249.4	208.4	244.4
32.5°	579.7	605.4	602.2	586.2	602.2	605.4	579.7	570.7	525.6	484.6	473.6
30°	1248.6	1313.9	1306.9	1320.0	1306.9	1313.9	1248.6	1195.3	1052.5	994.2	900.2
27.5°	2240.8	2321.5	2336.2	2319.0	2336.2	2321.5	2240.8	2167.1	1981.2	1852.1	1582.5
25°	4448.0	4575.7	4529.0	4468.4	4529.0	4575.7	4448.0	3990.3	3308.8	3128.0	2774.0
22.5°	11280.5	11785.6	11733.6	11307.7	11733.6	11785.6	11280.5	9167.2	7359.5	5845.2	4791.4
20°	30992.1	34327.0	35778.3	33811.4	35778.3	34327.0	30992.1	23319.1	18986.8	12610.3	9553.2
17.5°	65599.0	75759.8	82984.4	85999.0	82984.4	75759.8	65599.0	52464.5	40673.3	28321.0	18209.4
15°	107303.1	122598.3	131493.6	130298.5	131493.6	122598.3	107303.1	88787.0	68982.8	50160.6	30881.9
12.5°	154296.7	172425.1	187448.8	187767.2	187448.8	172425.1	154296.7	129797.9	100191.7	72171.2	46757.1
10°	199751.3	224911.9	245417.4	249391.1	245417.4	224911.9	199751.3	165517.5	132610.9	96027.5	61866.6
7.5°	233852.6	272423.4	298163.7	307595.4	298163.7	272423.4	233852.6	196678.3	155235.0	114031.6	76618.4
5°	267552.8	307968.9	334196.6	338849.5	334196.6	307968.9	267552.8	214530.9	169928.1	127611.6	86069.4
2.5°	290283.0	331052.0	354003.5	369923.3	354003.5	331052.0	290283.0	232346.2	182616.6	136666.0	92839.2
0°	303597.5	336815.7	374793.4	392438.9	374793.4	336815.7	303597.5	240866.9	188996.3	142571.3	96718.4
-2.5°	293530.7	330900.4	352643.2	372694.8	352643.2	330900.4	293530.7	237058.5	184787.8	139491.9	94019.5
-5°	260190.2	300831.8	320040.6	322547.0	320040.6	300831.8	260190.2	211780.3	169747.7	129021.6	87050.7
-7.5°	212606.0	250446.4	268889.0	279069.9	268889.0	250446.4	212606.0	177806.2	145059.2	109653.7	74013.8
-10°	172106.7	194189.7	206604.9	207422.4	206604.9	194189.7	172106.7	146680.2	119044.8	88650.6	58037.8
-12.5°	132875.4	147687.9	155030.8	154762.3	155030.8	147687.9	132875.4	113377.3	88275.7	65346.9	44179.2
-15°	97506.3	109014.1	115637.5	118813.4	115637.5	109014.1	97506.3	81212.5	62708.8	44733.8	29555.1
-17.5°	68823.2	77965.1	84601.8	87283.1	84601.8	77965.1	68823.2	55817.1	43596.5	30143.4	20376.9
-20°	46919.0	53184.4	57490.1	59318.0	57490.1	53184.4	46919.0	38151.7	29856.5	21136.8	14710.1



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	30904.9	35105.2	38057.4	37899.0	38057.4	35105.2	30904.9	25696.1	19929.3	14787.2	10739.9
-25°	19701.4	22010.9	23527.4	23650.2	23527.4	22010.9	19701.4	16475.6	12935.8	10649.6	8493.4
-27.5°	13039.7	14055.0	14666.9	14773.2	14666.9	14055.0	13039.7	11443.5	9624.9	8519.6	7377.9
-30°	9869.4	10336.5	10686.3	10671.6	10686.3	10336.5	9869.4	9078.9	8242.9	7461.7	6723.0
-32.5°	8204.7	8434.6	8587.8	8711.6	8587.8	8434.6	8204.7	7772.6	7264.8	6770.0	6297.7
-35°	7175.1	7292.2	7377.6	7455.4	7377.6	7292.2	7175.1	6956.3	6637.5	6302.9	5969.6
-37.5°	6590.6	6671.6	6725.3	6743.5	6725.3	6671.6	6590.6	6449.4	6204.0	5952.6	5660.4
-40°	6134.2	6179.9	6207.0	6223.1	6207.0	6179.9	6134.2	6054.5	5846.1	5614.2	5288.3
-42.5°	5791.7	5854.3	5886.7	5886.1	5886.7	5854.3	5791.7	5703.4	5455.5	5133.0	4685.0
-45°	5337.8	5496.2	5592.2	5632.9	5592.2	5496.2	5337.8	5118.6	4736.5	4264.5	3737.2
-47.5°	4292.6	4593.3	4804.3	4915.1	4804.3	4593.3	4292.6	3939.7	3509.3	3037.0	2574.3
-50°	2796.0	2896.5	2938.8	2921.1	2938.8	2896.5	2796.0	2691.6	2575.6	2438.0	2303.2
-52.5°	2428.9	2464.9	2486.8	2496.4	2486.8	2464.9	2428.9	2386.6	2329.6	2232.7	2132.2
-55°	2217.8	2257.9	2283.7	2297.0	2283.7	2257.9	2217.8	2170.0	2113.2	2011.6	1905.2
-57.5°	1918.8	1951.1	1970.9	1980.0	1970.9	1951.1	1918.8	1878.1	1829.2	1742.4	1649.1
-60°	1611.7	1638.2	1655.6	1664.9	1655.6	1638.2	1611.7	1579.0	1540.7	1477.6	1405.1
-62.5°	1334.8	1354.3	1371.6	1383.8	1371.6	1354.3	1334.8	1309.0	1277.1	1225.2	1161.1
-65°	1061.6	1079.0	1091.6	1098.7	1091.6	1079.0	1061.6	1038.8	1010.9	968.6	914.3
-67.5°	797.9	812.1	823.9	831.5	823.9	812.1	797.9	779.4	756.9	725.3	684.3
-70°	556.4	566.9	577.1	584.2	577.1	566.9	556.4	542.6	525.4	502.7	472.6
-72.5°	335.0	341.5	344.7	345.0	344.7	341.5	335.0	325.9	314.6	299.3	277.6
-75°	149.5	149.8	153.0	155.5	153.0	149.8	149.5	148.0	145.4	140.7	131.7
-77.5°	72.1	73.2	74.6	75.8	74.6	73.2	72.1	70.6	68.9	66.7	63.3
-80°	44.9	45.7	45.8	45.9	45.8	45.7	44.9	44.0	43.0	41.9	40.7
-82.5°	31.1	31.8	31.9	31.9	31.9	31.8	31.1	30.4	29.6	28.8	28.0
-85°	19.8	19.9	19.9	19.9	19.9	19.9	19.8	19.7	19.6	19.5	18.9
-87.5°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	13.9	13.9	13.9	13.8
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.0	10.0	10.0	9.5	9.0	8.5	8.0	8.0	8.0	8.0	8.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.3	2.3
80°	2.0	2.0	2.0	2.3	2.5	2.6	2.6	2.9	3.2	3.5	3.7
77.5°	2.8	3.0	3.2	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.0
75°	4.4	4.7	5.1	5.7	6.0	5.9	5.8	5.7	5.7	5.8	5.8
72.5°	9.2	9.2	9.4	10.1	10.2	10.6	10.6	9.9	8.8	7.2	6.0
70°	14.7	15.5	17.1	19.2	20.5	20.9	20.4	18.8	16.2	14.2	11.3
67.5°	18.3	19.8	22.9	26.5	28.8	30.6	32.1	32.5	31.0	28.0	20.1
65°	19.3	21.3	24.1	27.0	30.4	34.7	40.9	44.0	44.2	42.1	32.5
62.5°	17.2	19.5	21.9	24.5	27.7	32.4	39.5	45.9	52.0	53.6	43.6
60°	14.0	16.1	17.8	20.1	23.1	29.2	37.1	44.6	51.8	52.1	48.9
57.5°	11.5	12.8	14.7	16.3	17.6	23.0	31.5	41.9	50.6	49.0	47.1
55°	10.1	11.1	12.8	14.5	16.3	19.5	24.3	32.1	41.4	44.6	43.0
52.5°	11.8	12.1	12.5	13.3	15.0	17.2	20.0	25.5	30.2	34.6	37.3
50°	13.8	13.8	13.8	13.8	15.0	16.0	17.9	20.9	24.1	27.7	30.5
47.5°	17.8	17.8	16.3	15.9	18.2	17.3	18.1	19.4	22.5	23.5	26.5
45°	29.8	29.4	24.1	25.5	27.7	27.6	22.8	24.7	25.0	25.3	23.8
42.5°	96.8	67.0	51.0	46.0	43.6	43.4	40.7	37.9	35.1	31.2	31.4
40°	185.4	158.0	121.8	82.2	68.5	63.5	65.7	57.3	51.6	44.8	46.6
37.5°	202.9	144.0	166.6	153.8	112.2	104.6	107.0	91.7	71.6	83.6	81.6
35°	219.0	204.0	228.2	226.0	182.0	208.8	184.2	148.9	131.5	150.2	135.3
32.5°	411.8	424.8	402.7	380.0	383.4	379.3	335.8	251.9	254.4	253.1	222.6
30°	805.9	784.4	718.4	680.9	693.2	629.3	545.6	530.4	466.9	383.1	334.1
27.5°	1516.4	1302.7	1195.0	1216.4	1124.1	993.0	950.8	923.1	754.1	597.4	476.7
25°	2607.8	2260.7	2080.2	1986.4	1767.3	1580.5	1505.5	1402.7	1185.1	874.2	663.3
22.5°	4142.7	3756.8	3398.1	2975.7	2681.3	2446.9	2192.9	1948.3	1690.8	1273.4	946.4
20°	6674.8	5676.6	5001.8	4301.6	3757.8	3403.3	2977.6	2559.6	2204.8	1776.9	1272.1
17.5°	11775.4	8336.5	6647.6	5613.3	4891.1	4395.8	3720.0	3103.9	2697.6	2313.2	1620.8
15°	18164.7	11883.1	8578.0	6998.2	5908.2	4990.1	4299.4	3590.0	3170.8	2803.7	2041.2
12.5°	27600.3	16306.0	10365.1	8002.3	6525.7	5519.5	4789.0	4097.8	3554.0	3056.9	2340.9
10°	36196.2	21513.1	13072.7	9146.4	7196.2	5991.2	5104.1	4292.9	3658.3	3190.8	2590.8
7.5°	46420.2	26945.1	15759.2	10140.5	7768.4	6242.0	5159.5	4319.5	3720.1	3285.8	2792.6
5°	52310.0	30874.4	17604.9	10921.5	8252.0	6475.6	5181.6	4272.2	3744.7	3347.6	2948.1
2.5°	55713.6	33217.4	18669.6	11467.8	8606.9	6704.9	5240.7	4279.2	3774.9	3388.5	3008.0
0°	57676.9	33267.0	18892.7	11560.9	8683.6	6944.9	5363.7	4350.8	3800.5	3413.6	3028.8
-2.5°	55790.0	33272.2	18605.0	11371.0	8618.8	6914.1	5430.4	4428.2	3861.6	3428.1	3020.6
-5°	52041.8	30611.5	17346.4	10797.8	8220.1	6605.4	5315.9	4398.4	3846.6	3407.2	2977.5
-7.5°	45266.9	26487.2	15394.7	9984.0	7653.4	6171.0	5070.1	4244.9	3702.5	3290.3	2841.8
-10°	35418.9	20943.2	12636.7	8802.5	6926.3	5710.5	4783.8	4049.5	3540.2	3160.5	2680.8
-12.5°	26843.0	15813.4	9781.2	7394.3	6096.7	5196.5	4474.8	3838.7	3361.8	3020.4	2499.3
-15°	18018.5	11780.8	8351.0	6530.2	5425.1	4742.8	4210.7	3706.0	3297.2	2913.7	2301.4
-17.5°	13537.0	9022.4	6985.2	5866.0	5023.0	4428.8	4033.2	3639.6	3262.1	2828.7	2117.9
-20°	9995.9	7786.8	6350.5	5413.1	4749.4	4277.9	3905.8	3581.0	3206.3	2620.9	1895.1



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8451.9	7041.8	5919.4	5082.3	4548.2	4149.7	3814.9	3505.9	3125.8	2346.6	1648.8
-25°	7370.0	6395.5	5592.3	5017.0	4442.7	4003.1	3725.5	3405.1	2816.2	2038.0	1418.6
-27.5°	6603.1	5911.3	5512.7	4994.3	4457.8	3966.7	3623.2	3246.5	2464.5	1753.8	1395.1
-30°	6130.8	5743.9	5391.6	4992.2	4476.6	3988.0	3548.7	2835.0	2105.3	1512.1	1378.0
-32.5°	5886.8	5544.1	5216.8	4886.4	4424.1	3922.7	3177.8	2393.7	1701.7	1484.0	1347.9
-35°	5636.8	5279.4	4949.2	4614.5	4252.0	3474.1	2680.8	1923.0	1585.4	1443.0	1307.5
-37.5°	5318.8	4937.7	4601.5	4217.1	3583.9	2849.0	2071.6	1703.1	1536.8	1389.8	1243.9
-40°	4910.0	4550.9	4018.1	3458.6	2792.2	2081.2	1809.8	1644.5	1488.6	1319.3	1166.4
-42.5°	4211.7	3724.6	3177.0	2559.3	2048.2	1890.6	1737.7	1589.5	1424.6	1245.6	1085.7
-45°	3227.4	2720.9	2240.8	2090.3	1939.6	1804.5	1675.1	1509.2	1333.8	1162.9	1002.6
-47.5°	2371.2	2230.1	2093.5	1973.8	1849.1	1716.1	1559.4	1399.8	1229.3	1070.3	934.8
-50°	2182.1	2074.8	1969.9	1859.0	1711.5	1563.3	1416.4	1269.3	1120.1	987.6	860.0
-52.5°	2025.4	1907.6	1786.9	1662.7	1532.6	1395.8	1260.7	1144.4	1021.6	895.6	777.4
-55°	1794.8	1685.3	1574.9	1461.6	1350.1	1242.4	1134.3	1022.7	907.8	792.6	683.8
-57.5°	1554.0	1460.3	1370.5	1282.7	1197.6	1094.5	986.7	882.6	782.0	678.8	583.6
-60°	1329.6	1252.8	1173.2	1091.9	1009.3	919.9	826.5	735.0	646.1	569.9	494.3
-62.5°	1093.0	1021.1	954.1	885.7	815.6	741.5	665.4	598.3	533.3	467.7	395.7
-65°	856.4	795.2	737.8	688.0	637.5	586.0	527.9	468.7	410.3	353.8	290.5
-67.5°	641.9	598.4	557.5	516.1	471.0	423.8	373.8	325.3	283.6	242.8	193.4
-70°	439.5	403.7	367.7	331.4	298.2	267.1	235.5	202.7	168.6	142.0	115.4
-72.5°	254.3	229.6	205.6	182.9	159.4	143.5	128.4	111.2	92.5	72.3	57.3
-75°	121.9	111.2	100.5	90.9	80.0	67.7	61.0	56.4	51.7	47.1	42.4
-77.5°	59.9	56.5	53.3	50.9	48.2	45.1	41.8	38.8	36.8	34.9	33.0
-80°	39.4	38.0	36.6	35.2	33.8	32.5	31.1	29.8	28.5	27.3	26.0
-82.5°	27.0	26.1	25.1	24.5	23.9	23.2	22.5	21.7	20.9	20.0	19.1
-85°	18.3	17.7	17.2	16.9	16.6	16.2	15.8	15.5	15.1	14.8	14.4
-87.5°	13.8	13.7	13.6	13.0	12.5	11.9	11.3	11.2	11.1	10.9	10.8
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.0	8.0	8.0	8.0	7.5	7.0	6.5	6.0	6.0	6.0	6.0
87.5°	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.0	4.0	4.0
85°	2.2	2.3	2.3	2.3	2.6	3.0	3.5	4.0	4.0	4.0	4.0
82.5°	2.6	3.0	3.3	3.4	3.4	3.5	3.7	4.0	4.1	4.0	4.0
80°	3.6	3.6	3.8	4.0	4.0	4.0	3.9	4.0	4.3	4.4	4.3
77.5°	4.5	4.2	4.0	4.0	4.0	4.0	4.0	4.1	4.5	4.8	4.8
75°	5.3	4.7	4.2	4.1	4.1	4.0	4.0	4.2	4.6	5.1	5.3
72.5°	5.8	5.3	4.6	4.2	4.5	4.6	4.3	4.2	4.7	5.2	5.7
70°	8.6	6.5	5.6	5.2	5.1	5.2	5.1	4.8	4.8	5.2	5.7
67.5°	13.1	9.9	7.6	6.2	5.7	5.6	5.9	5.5	5.2	5.3	5.8
65°	23.4	15.7	9.8	7.8	6.5	5.9	6.0	6.0	5.7	5.6	5.8
62.5°	33.3	23.3	15.9	10.4	7.3	6.3	6.0	6.3	6.1	5.8	5.9
60°	43.5	32.5	22.6	15.9	10.1	6.5	6.2	6.5	6.4	6.0	6.0
57.5°	43.9	40.4	31.8	22.4	14.9	8.8	6.5	6.9	6.9	6.4	6.0
55°	41.9	39.8	38.1	30.4	20.5	12.8	8.1	7.3	7.3	6.9	6.1
52.5°	37.2	39.2	39.5	36.2	27.4	17.4	11.8	7.8	7.9	7.4	6.6
50°	32.2	37.5	40.5	38.9	33.4	23.9	15.2	10.5	8.5	8.0	7.2
47.5°	30.2	36.4	40.6	41.6	37.1	30.3	20.3	13.2	9.2	8.7	7.8
45°	30.6	35.6	41.0	43.2	41.2	34.7	25.9	15.7	11.3	9.3	8.3
42.5°	32.9	37.4	41.0	45.5	43.9	38.4	31.3	20.2	13.2	9.9	8.8
40°	44.7	41.7	42.7	47.6	47.1	42.0	34.8	24.8	14.9	10.8	9.4
37.5°	60.6	53.1	48.2	54.4	52.0	45.6	37.9	29.3	17.1	12.1	9.9
35°	103.4	71.2	70.7	71.1	61.8	49.9	40.8	32.9	21.2	13.4	10.4
32.5°	157.7	122.7	119.6	99.5	75.3	54.8	44.4	36.2	25.2	14.5	10.8
30°	262.7	236.1	187.0	136.3	96.4	67.7	49.7	39.6	29.3	15.5	11.4
27.5°	435.4	376.0	278.5	198.5	131.9	84.2	56.9	43.0	33.2	17.2	12.2
25°	613.8	538.0	414.1	278.2	172.9	117.6	65.3	46.7	36.5	20.4	13.0
22.5°	786.6	706.6	567.3	368.9	232.9	160.5	83.4	53.2	39.3	23.4	13.6
20°	954.9	879.2	724.0	451.5	303.3	213.0	114.7	60.2	42.1	26.3	14.2
17.5°	1140.6	1012.0	812.1	548.3	373.1	265.9	150.8	67.6	44.9	29.0	14.6
15°	1368.9	1090.6	897.0	634.3	435.3	318.8	190.6	75.1	47.6	31.5	15.2
12.5°	1573.2	1163.3	980.6	709.8	490.4	371.0	232.6	82.7	50.1	34.4	16.1
10°	1765.0	1230.1	1061.3	774.8	539.0	422.0	275.6	91.2	54.2	37.7	16.9
7.5°	1940.2	1291.2	1137.2	830.0	578.7	457.0	302.2	101.7	58.4	40.7	17.8
5°	2083.2	1339.7	1190.1	867.4	598.3	474.0	321.5	111.7	62.5	43.4	18.5
2.5°	2150.4	1373.1	1222.7	895.5	614.9	487.1	335.8	121.1	66.3	45.9	19.2
0°	2185.4	1401.7	1244.2	915.2	628.1	496.5	345.0	129.6	69.8	47.9	19.9
-2.5°	2190.5	1408.1	1249.7	935.2	649.0	510.1	357.2	152.7	87.7	58.9	26.1
-5°	2163.0	1409.0	1245.7	946.5	665.8	519.9	365.3	174.2	104.9	69.2	32.1
-7.5°	2069.1	1387.7	1224.4	947.5	677.8	525.9	370.1	194.1	121.0	78.7	37.7
-10°	1936.7	1350.5	1183.1	931.4	689.1	534.4	374.0	212.0	135.7	87.0	42.7
-12.5°	1774.8	1308.6	1140.9	911.9	697.5	546.0	386.5	230.0	148.9	94.2	47.1
-15°	1584.5	1262.3	1099.9	890.7	702.5	555.4	395.3	245.9	160.8	100.5	50.6
-17.5°	1375.4	1211.9	1062.5	869.2	704.3	562.9	400.5	258.2	170.8	106.0	53.9
-20°	1328.9	1181.9	1029.7	848.8	703.1	568.9	402.0	266.3	178.6	109.8	56.8



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1311.1	1168.4	1008.4	839.5	701.3	573.9	400.1	269.9	184.2	111.5	58.4
-25°	1292.7	1152.1	984.5	826.4	701.0	567.1	398.9	268.8	187.3	111.2	58.6
-27.5°	1271.0	1129.2	954.6	805.6	686.8	556.5	396.4	271.4	187.4	108.6	57.5
-30°	1246.5	1090.5	924.3	779.6	667.5	528.2	387.5	270.9	184.1	106.2	54.9
-32.5°	1211.8	1045.7	886.7	754.3	635.6	497.2	367.4	267.0	177.6	103.0	53.1
-35°	1152.8	994.2	841.1	722.9	598.4	468.0	346.2	259.6	168.1	97.8	50.8
-37.5°	1087.4	935.5	801.1	683.7	559.5	435.9	329.8	243.0	155.5	90.3	47.2
-40°	1018.5	878.3	756.9	639.8	520.8	401.2	310.0	222.5	143.7	80.7	42.5
-42.5°	945.6	824.6	708.2	594.5	480.0	375.3	286.4	198.9	128.5	72.4	36.6
-45°	881.3	766.3	655.3	545.5	438.2	345.8	256.7	173.3	110.9	64.2	31.8
-47.5°	812.3	704.8	597.8	492.4	400.7	311.4	223.6	150.8	91.3	54.4	29.7
-50°	741.9	638.2	535.5	442.5	357.7	270.5	189.2	125.8	77.7	42.6	27.2
-52.5°	667.2	566.0	474.9	391.3	307.2	225.8	157.8	99.5	62.9	36.3	24.2
-55°	582.9	495.8	414.6	332.2	252.1	184.5	123.6	81.1	47.0	32.2	21.2
-57.5°	502.9	425.6	344.8	266.8	199.8	141.7	96.0	61.4	39.3	27.9	20.1
-60°	419.8	342.7	268.1	205.3	148.7	104.6	72.0	45.4	34.0	24.0	18.9
-62.5°	324.7	257.1	198.8	145.0	105.9	75.3	50.0	38.9	28.4	22.4	17.7
-65°	233.8	179.7	130.4	100.1	71.5	50.5	42.0	32.0	25.5	20.7	16.4
-67.5°	145.6	114.9	86.4	60.3	48.9	41.3	33.6	28.1	23.3	18.9	15.5
-70°	88.8	63.8	52.2	45.7	39.0	32.8	29.3	25.3	21.0	17.6	14.4
-72.5°	51.7	46.1	40.6	35.1	31.8	28.7	25.8	22.6	19.3	16.2	13.4
-75°	37.8	35.0	32.5	29.8	27.1	24.6	22.6	20.5	17.5	14.7	12.2
-77.5°	30.9	28.8	26.6	24.6	22.9	21.2	19.8	18.2	15.6	13.2	11.0
-80°	24.4	22.9	21.5	20.2	18.9	17.9	17.0	15.9	13.7	11.7	9.8
-82.5°	18.1	17.5	16.9	16.2	15.6	14.9	14.3	13.5	11.7	10.1	8.6
-85°	14.1	13.7	13.3	12.9	12.4	12.0	11.6	11.0	9.8	8.7	7.8
-87.5°	10.7	10.6	10.4	10.3	9.9	9.5	9.0	8.5	7.9	7.4	6.9
-90°	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.0	4.0	4.0



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.0	6.0	6.0	6.0	6.0	5.0	4.0
87.5°	4.0	4.1	4.2	4.2	4.2	4.1	4.0
85°	4.0	4.2	4.3	4.4	4.3	4.2	4.0
82.5°	4.0	4.3	4.5	4.6	4.5	4.3	4.0
80°	4.1	4.5	4.7	4.8	4.7	4.3	4.0
77.5°	4.6	4.7	4.9	5.0	4.9	4.4	4.0
75°	5.1	5.0	5.1	5.2	5.0	4.5	4.0
72.5°	5.6	5.3	5.3	5.4	5.2	4.6	4.0
70°	6.0	5.6	5.4	5.6	5.4	4.7	4.0
67.5°	6.0	5.9	5.6	5.7	5.5	4.8	4.0
65°	6.0	6.0	5.7	5.7	5.7	4.8	4.0
62.5°	6.0	6.0	5.9	5.8	5.8	4.9	4.0
60°	6.0	6.0	6.0	5.8	6.0	5.0	4.0
57.5°	6.1	6.0	6.0	5.9	6.0	5.1	4.0
55°	6.2	6.0	6.0	5.9	6.0	5.1	4.0
52.5°	6.4	6.0	6.0	6.0	6.0	5.2	4.0
50°	6.6	6.2	6.0	6.0	6.0	5.3	4.0
47.5°	6.8	6.4	6.0	6.0	6.0	5.4	4.0
45°	7.3	6.6	6.0	6.0	6.0	5.4	4.0
42.5°	7.7	6.9	6.0	6.0	6.0	5.5	4.0
40°	8.2	7.1	6.1	6.0	6.0	5.5	4.0
37.5°	8.6	7.4	6.3	6.0	6.0	5.6	4.0
35°	9.0	7.7	6.5	6.0	6.0	5.6	4.0
32.5°	9.4	8.1	6.7	6.0	6.0	5.7	4.0
30°	9.8	8.4	6.9	6.0	6.0	5.7	4.0
27.5°	10.2	8.7	7.1	6.0	6.0	5.8	4.0
25°	10.6	9.0	7.2	6.0	6.0	5.8	4.0
22.5°	10.9	9.2	7.4	6.0	6.0	5.8	4.0
20°	11.2	9.4	7.5	6.0	6.0	5.9	4.0
17.5°	11.5	9.5	7.6	6.0	6.0	5.9	4.0
15°	11.9	9.7	7.7	6.0	6.0	5.9	4.0
12.5°	12.3	9.8	7.8	6.0	6.0	6.0	4.0
10°	12.7	9.8	7.9	6.0	6.0	6.0	4.0
7.5°	13.0	9.9	7.9	6.0	6.0	6.0	4.0
5°	13.4	10.0	8.0	6.0	6.0	6.0	4.0
2.5°	13.7	10.0	8.0	6.0	6.0	6.0	4.0
0°	14.0	10.0	8.0	6.0	6.0	6.0	4.0
-2.5°	16.4	10.9	8.3	6.3	6.1	6.0	4.0
-5°	18.6	11.7	8.7	6.5	6.2	6.0	4.0
-7.5°	20.8	12.5	9.0	6.8	6.3	6.0	4.0
-10°	22.7	13.2	9.3	7.0	6.3	6.0	4.0
-12.5°	24.3	13.8	9.6	7.3	6.4	6.0	4.0
-15°	25.7	14.4	9.8	7.5	6.5	5.9	4.0
-17.5°	26.7	14.9	10.1	7.7	6.5	5.9	4.0
-20°	27.7	15.2	10.3	7.9	6.6	5.9	4.0



REPORT NUMBER: P1306309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.6	15.4	10.5	8.0	6.6	5.9	4.0
-25°	28.9	15.6	10.7	8.2	6.7	5.9	4.0
-27.5°	28.5	15.7	10.8	8.3	6.7	5.8	4.0
-30°	27.3	15.6	10.9	8.4	6.7	5.8	4.0
-32.5°	25.4	15.4	11.0	8.5	6.7	5.8	4.0
-35°	24.4	14.9	11.1	8.5	6.7	5.7	4.0
-37.5°	23.8	14.5	11.1	8.5	6.7	5.7	4.0
-40°	22.9	14.5	11.0	8.5	6.7	5.7	4.0
-42.5°	21.7	14.4	10.9	8.5	6.6	5.7	4.0
-45°	20.2	14.2	10.8	8.4	6.6	5.6	4.0
-47.5°	18.5	13.9	10.7	8.3	6.5	5.6	4.0
-50°	17.8	13.5	10.5	8.1	6.4	5.6	4.0
-52.5°	17.2	13.1	10.3	8.0	6.3	5.5	4.0
-55°	16.5	12.7	10.0	7.8	6.2	5.5	4.0
-57.5°	15.6	12.3	9.8	7.6	6.1	5.5	4.0
-60°	14.7	11.9	9.5	7.4	6.0	5.4	4.0
-62.5°	14.1	11.4	9.1	7.2	6.0	5.4	4.0
-65°	13.4	10.9	8.7	7.0	6.0	5.4	4.0
-67.5°	12.6	10.3	8.3	6.7	6.0	5.3	4.0
-70°	11.8	9.7	7.9	6.5	6.0	5.3	4.0
-72.5°	10.9	9.1	7.5	6.4	6.0	5.3	4.0
-75°	10.0	8.4	7.0	6.3	6.0	5.2	4.0
-77.5°	9.1	7.7	6.8	6.3	6.0	5.2	4.0
-80°	8.1	7.3	6.7	6.2	6.0	5.2	4.0
-82.5°	7.5	7.0	6.5	6.2	6.0	5.1	4.0
-85°	7.0	6.6	6.3	6.1	6.0	5.1	4.0
-87.5°	6.5	6.3	6.2	6.1	6.0	5.0	4.0
-90°	4.0	4.0	4.0	4.0	4.0	4.0	4.0

(END OF REPORT)