

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: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-3S-CV5-A**

Issue Date: 2/3/2026

Test Information

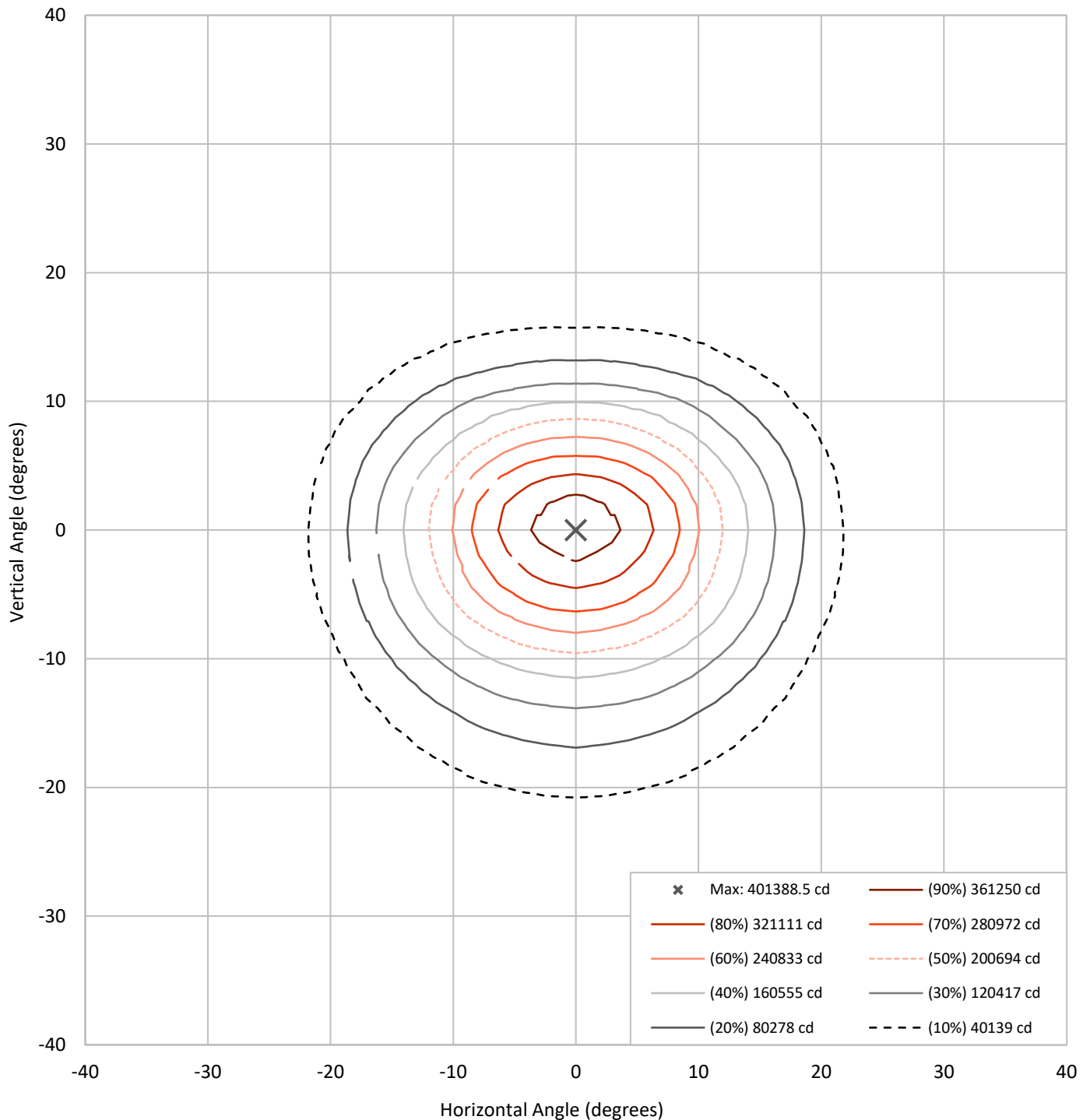
Test Method: LM-79-08
Report Number: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680N-40-70-3S-CV5-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	67102.2 lumens	Max Intensity:	401388.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	28704.8 lumens	Field Lumens:	57345.5 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
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: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

Iso-Candela Plot





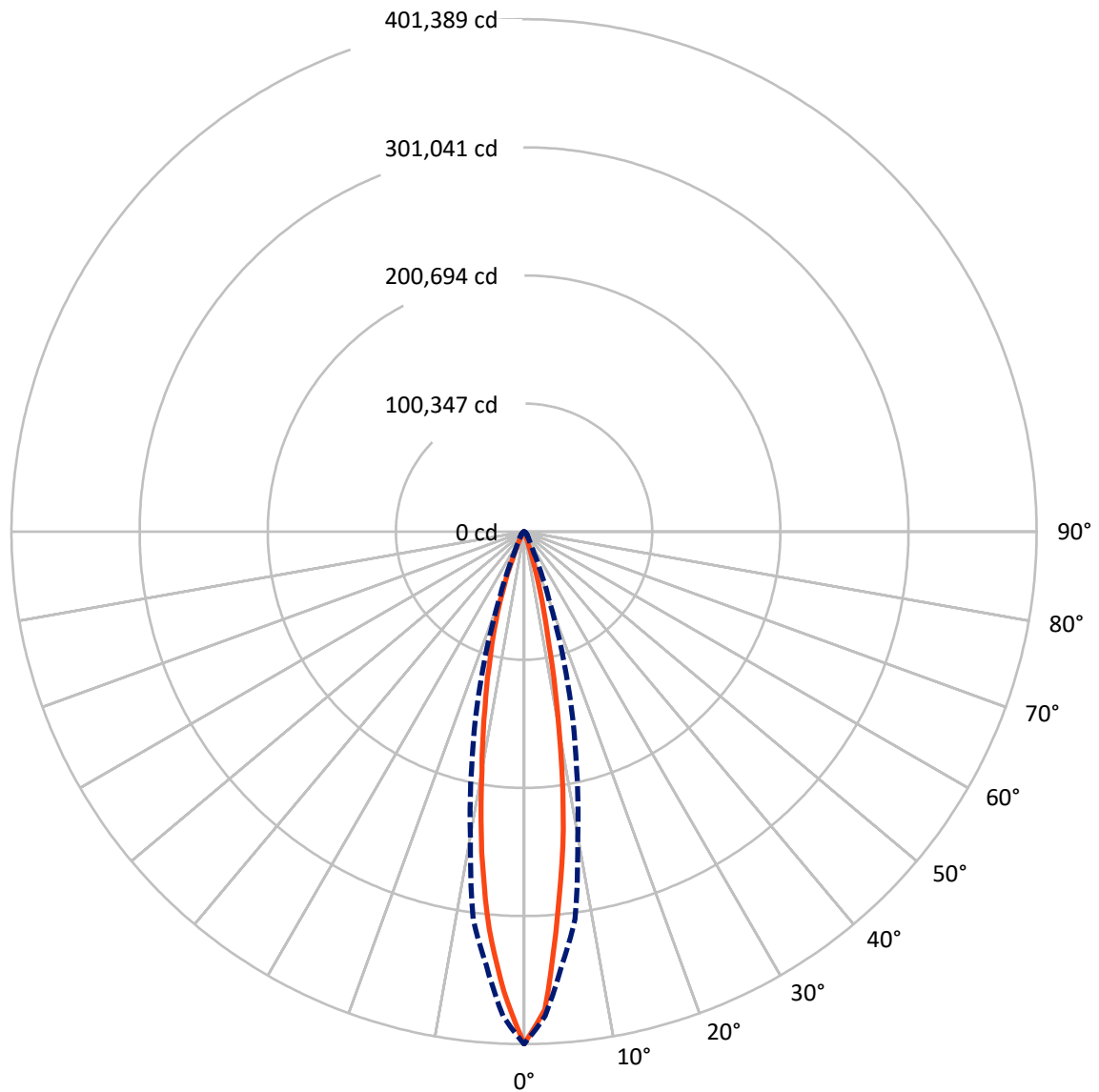
REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

Lumen Table

90	0.2	0.5	0.8	0.9	1.0	0.9	0.8	0.5	0.2										
80	0.2	0.5	0.8	0.9	1.0	0.9	0.8	0.5	0.2										
70	0.2	0.1	0.2	0.8	0.9	0.5	0.3	0.3	0.3	0.3	0.5	0.9	0.8	0.2	0.1	0.2			
60		0.1	0.5	0.7	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.7	0.5	0.1				
50	0.2	0.2	0.5	0.4	0.4	0.5	0.6	0.5	0.5	0.6	0.5	0.4	0.4	0.5	0.2	0.2			
40		0.3	0.7	1.0	1.8	2.6	3.3	4.3	4.3	3.3	2.6	1.8	1.0	0.7	0.3				
30	0.3	0.5	1.9	4.7	8.8	13.5	30.5	61.4	61.4	30.5	13.5	8.8	4.7	1.9	0.5	0.3			
20		1.3	6.9	22.0	48.3	129.6	718.8	1644.8	1644.8	718.8	129.6	48.3	22.0	6.9	1.3				
10	0.4	2.4	14.5	52.2	121.7	535.2	3356.8	7835.5	7835.5	3356.8	535.2	121.7	52.2	14.5	2.4	0.4			
0		3.3	17.3	61.1	136.5	570.4	3580.3	8070.3	8070.3	3580.3	570.4	136.5	61.1	17.3	3.3				
-10	0.7	3.5	14.8	46.3	96.9	245.9	1299.9	2925.5	2925.5	1299.9	245.9	96.9	46.3	14.8	3.5	0.7			
-20		3.4	12.0	29.1	68.5	116.0	251.7	506.2	506.2	251.7	116.0	68.5	29.1	12.0	3.4				
-30	0.6	3.0	9.6	20.3	44.3	80.0	108.7	126.8	126.8	108.7	80.0	44.3	20.3	9.6	3.0	0.6			
-40		2.1	7.1	15.4	27.5	44.9	68.7	86.5	86.5	68.7	44.9	27.5	15.4	7.1	2.1				
-50	0.3	1.0	4.3	9.8	17.5	25.7	32.6	36.6	36.6	32.6	25.7	17.5	9.8	4.3	1.0	0.3			
-60		0.4	1.4	4.2	7.9	12.1	16.3	18.8	18.8	16.3	12.1	7.9	4.2	1.4	0.4				
-70																			
-80	0.2	1.0	3.2	8.7	13.4	8.7	3.2	1.0	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

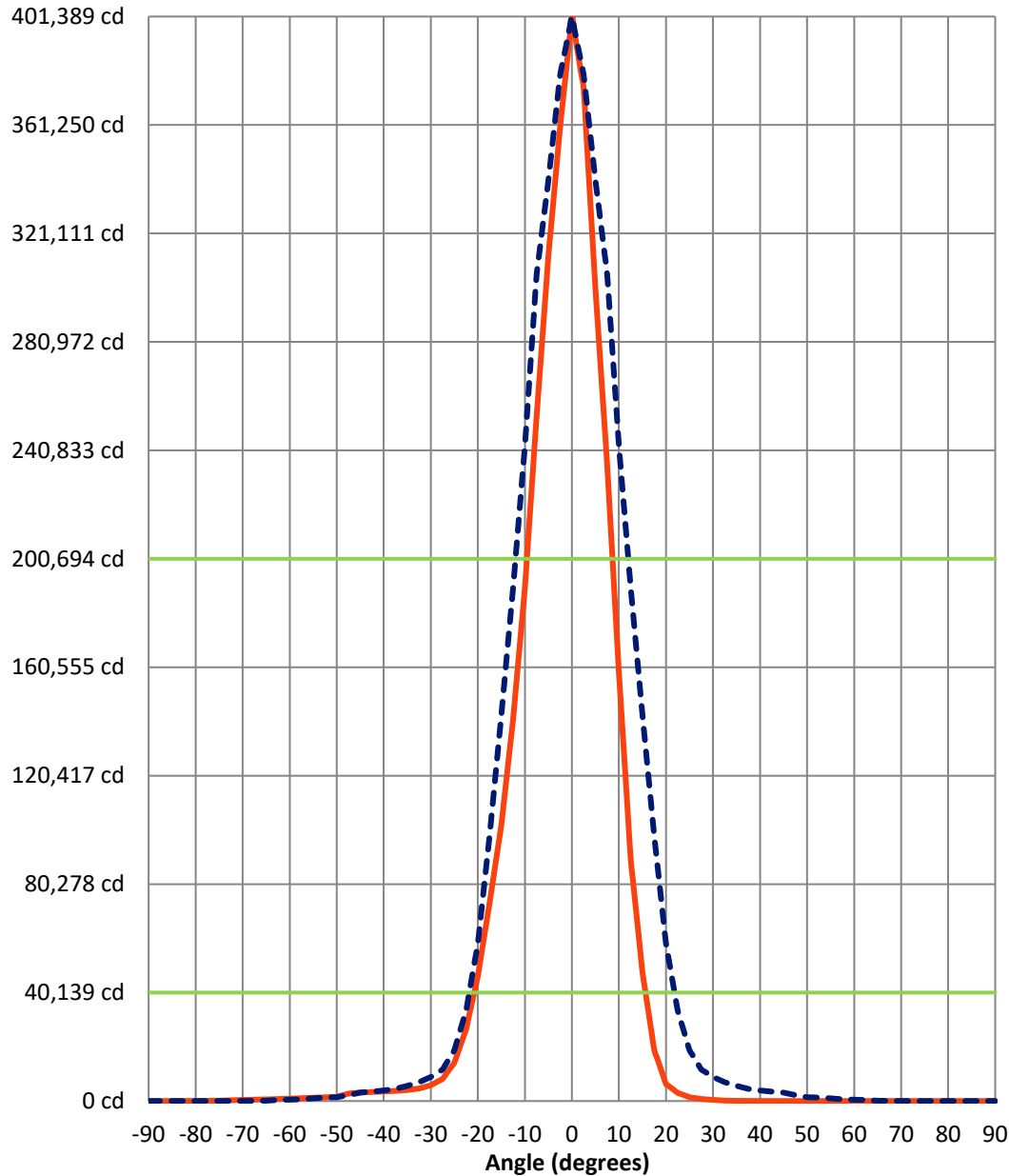
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

Luminous Intensity Plot



Beam:
 H Angle: 24°
 V Angle: 18.2°
 Lumens: 28704.8
 Efficiency: 42.8%

Field:
 H Angle: 43.7°
 V Angle: 36.4°
 Lumens: 57345.5
 Efficiency: 85.5%

Spill:
 Lumens: 9756.7
 Efficiency: 14.5%

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



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
85°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
82.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
80°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
77.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
75°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
72.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
70°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	9.2
67.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.5	8.5	9.3	10.0
65°	8.5	8.5	8.5	8.5	8.5	8.6	8.6	8.5	9.2	10.0	10.4
62.5°	8.5	8.5	8.5	8.5	8.5	8.7	8.8	8.9	9.8	10.5	9.8
60°	8.5	8.5	8.5	8.5	8.5	8.9	8.9	9.5	10.5	10.2	9.3
57.5°	8.5	8.5	8.5	8.5	8.7	9.1	9.3	10.0	10.5	9.9	9.2
55°	8.5	8.5	8.6	8.5	8.9	9.3	9.7	10.5	10.4	9.8	9.4
52.5°	8.5	8.5	8.6	8.5	9.1	9.6	10.1	10.6	10.4	9.9	9.5
50°	8.5	8.5	8.6	8.5	9.4	9.8	10.4	10.7	10.5	10.1	11.5
47.5°	8.5	8.5	8.7	8.5	9.6	10.0	10.6	10.9	10.6	10.2	13.2
45°	8.5	8.5	8.8	8.7	9.9	10.2	10.8	11.1	10.8	11.2	14.6
42.5°	8.5	8.5	8.8	8.9	10.1	10.4	11.0	11.3	11.1	11.9	16.0
40°	8.5	8.5	8.9	9.2	10.3	10.5	11.2	11.6	11.6	12.4	17.3
37.5°	8.5	8.5	9.0	9.4	10.4	10.6	11.5	11.9	12.4	13.7	18.6
35°	8.5	8.5	9.1	9.6	10.5	10.7	11.8	12.3	13.4	15.9	19.3
32.5°	8.5	8.5	9.2	9.8	10.5	11.0	12.1	12.7	14.3	18.2	21.2
30°	8.5	8.5	9.3	10.0	10.6	11.2	12.4	13.3	15.4	20.6	23.5
27.5°	8.5	8.5	9.4	10.1	10.6	11.4	12.8	14.1	16.8	23.0	26.2
25°	8.5	8.5	9.5	10.2	10.6	11.7	13.2	14.9	18.7	25.4	29.5
22.5°	8.5	8.5	9.6	10.3	10.6	11.9	13.5	15.8	20.7	27.8	35.6
20°	8.5	8.5	9.7	10.4	10.6	12.1	13.9	16.6	22.6	30.5	42.3
17.5°	8.5	8.5	9.8	10.5	10.6	12.2	14.2	17.4	24.5	33.4	49.4
15°	8.5	8.5	9.9	10.5	10.6	12.3	14.4	18.4	26.3	36.3	57.0
12.5°	8.5	8.5	10.1	10.6	10.6	12.4	14.5	19.5	28.4	39.3	64.7
10°	8.5	8.5	10.2	10.6	10.6	12.5	14.6	20.7	30.6	44.3	74.1
7.5°	8.5	8.5	10.3	10.6	10.6	12.6	14.7	22.0	32.7	49.8	87.3
5°	8.5	8.5	10.4	10.6	10.6	12.7	14.8	23.2	34.7	55.3	100.5
2.5°	8.5	8.5	10.5	10.6	10.6	12.7	14.8	24.3	36.6	60.7	113.2
0°	8.5	8.5	10.6	10.6	10.6	12.7	14.8	25.4	38.2	65.7	125.1
-2.5°	8.5	8.5	10.6	10.6	10.8	13.2	16.8	30.3	48.5	80.8	143.2
-5°	8.5	8.5	10.6	10.6	11.0	13.6	18.7	35.0	58.3	95.1	160.0
-7.5°	8.5	8.5	10.6	10.6	11.1	14.0	20.4	39.2	67.4	108.5	175.4
-10°	8.5	8.5	10.5	10.6	11.3	14.4	22.0	43.0	75.6	120.8	189.1
-12.5°	8.5	8.5	10.5	10.6	11.4	14.7	23.4	46.2	82.7	131.7	201.6
-15°	8.5	8.5	10.5	10.6	11.5	14.9	24.4	48.6	89.2	141.7	212.4
-17.5°	8.5	8.5	10.4	10.6	11.6	15.1	25.2	51.3	95.2	150.3	221.0
-20°	8.5	8.5	10.3	10.6	11.7	15.2	25.9	53.9	99.8	157.3	227.4



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.5	8.5	10.3	10.6	11.7	15.2	26.7	55.3	102.7	162.8	231.5
-25°	8.5	8.5	10.2	10.6	11.7	15.4	26.8	55.4	103.8	166.5	233.1
-27.5°	8.5	8.5	10.1	10.6	11.7	15.5	26.2	54.2	103.1	168.2	236.3
-30°	8.5	8.5	10.0	10.6	11.6	15.5	24.9	51.5	101.4	167.0	237.4
-32.5°	8.5	8.5	9.9	10.6	11.6	15.3	22.8	49.6	98.2	163.2	236.3
-35°	8.5	8.5	9.8	10.6	11.6	15.1	21.8	47.1	92.9	156.8	232.9
-37.5°	8.5	8.5	9.7	10.6	11.5	14.8	21.5	43.3	85.5	147.7	217.3
-40°	8.5	8.5	9.6	10.6	11.4	14.7	21.0	38.3	76.0	137.1	198.1
-42.5°	8.5	8.5	9.5	10.6	11.3	14.5	20.2	32.1	67.5	120.4	176.9
-45°	8.5	8.5	9.4	10.6	11.3	14.2	19.3	27.4	58.9	101.8	154.1
-47.5°	8.5	8.5	9.2	10.6	11.3	13.8	18.2	26.0	48.6	81.9	131.6
-50°	8.5	8.5	9.1	10.5	11.2	13.4	17.5	24.4	36.0	67.6	107.7
-52.5°	8.5	8.5	9.0	10.3	11.1	12.8	16.7	22.6	30.2	52.6	83.2
-55°	8.5	8.5	8.8	10.1	11.0	12.5	15.9	20.6	27.4	37.0	65.6
-57.5°	8.5	8.5	8.7	9.9	10.8	12.2	14.9	19.3	24.6	30.9	47.4
-60°	8.5	8.5	8.5	9.7	10.6	11.8	13.9	17.9	21.9	27.6	33.5
-62.5°	8.5	8.5	8.5	9.5	10.4	11.4	13.2	16.3	20.1	24.1	29.7
-65°	8.5	8.5	8.5	9.3	10.2	10.9	12.5	14.9	18.3	21.8	25.7
-67.5°	8.5	8.5	8.5	9.2	10.0	10.5	11.6	13.8	16.4	19.7	22.9
-70°	8.5	8.5	8.5	9.0	9.9	10.4	10.7	12.8	15.1	17.5	20.6
-72.5°	8.5	8.5	8.5	8.9	9.7	10.3	10.6	11.6	13.9	16.1	18.3
-75°	8.5	8.5	8.5	8.9	9.5	10.2	10.6	11.2	12.6	14.6	16.7
-77.5°	8.5	8.5	8.5	8.8	9.4	10.1	10.5	11.0	11.9	13.3	15.0
-80°	8.5	8.5	8.5	8.8	9.2	9.8	10.6	10.8	11.3	12.2	13.4
-82.5°	8.5	8.5	8.5	8.7	9.0	9.5	10.1	10.4	10.6	11.0	11.7
-85°	8.5	8.5	8.5	8.6	8.9	9.2	9.6	9.8	9.9	10.1	10.3
-87.5°	8.5	8.5	8.5	8.6	8.7	8.8	9.0	9.1	9.2	9.3	9.4
-90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	9.0	9.6	10.1
87.5°	8.2	8.0	7.8	7.6	7.4	7.1	6.8	6.4	6.4	6.4	6.4
85°	8.5	8.5	8.5	8.5	8.0	7.5	6.9	6.4	6.4	6.4	6.4
82.5°	8.5	8.5	8.5	8.5	8.0	7.5	7.0	6.7	6.7	6.7	6.6
80°	8.5	8.5	8.5	8.5	8.3	8.1	8.0	8.1	8.0	7.5	7.0
77.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.1	7.6	7.1
75°	8.5	8.5	8.6	8.6	8.5	8.5	8.5	8.5	8.3	8.1	8.1
72.5°	8.8	9.1	9.1	8.8	8.5	8.5	8.5	8.5	10.0	12.2	13.8
70°	9.7	9.8	9.2	8.7	8.5	9.1	11.6	15.2	18.9	21.7	25.2
67.5°	10.3	9.4	8.7	8.7	10.2	13.1	17.1	26.2	36.3	40.2	41.4
65°	9.5	8.7	9.0	10.4	12.5	20.0	30.0	41.8	50.3	49.7	47.1
62.5°	8.7	8.8	9.9	13.3	20.1	29.5	38.6	46.8	54.9	52.7	45.3
60°	8.7	9.0	13.0	20.0	27.1	33.9	42.4	47.1	50.8	50.6	40.0
57.5°	8.8	11.5	18.4	25.2	30.9	36.1	38.8	42.0	43.4	43.5	32.6
55°	10.2	15.8	22.5	28.2	32.5	31.8	32.8	33.2	33.4	31.1	22.1
52.5°	13.5	19.4	24.9	29.9	31.0	27.9	24.3	24.5	22.9	19.3	15.9
50°	16.3	21.5	26.9	30.3	29.0	23.2	17.9	17.8	16.3	14.1	12.2
47.5°	18.3	23.5	28.8	30.6	25.8	21.0	16.6	14.5	12.9	12.4	11.1
45°	20.0	25.1	30.6	28.6	24.3	20.8	17.1	12.7	13.3	13.1	13.6
42.5°	21.6	26.2	29.3	27.3	24.9	22.2	18.9	16.3	15.2	16.8	17.4
40°	22.3	26.9	28.4	28.8	26.4	25.0	24.5	22.6	19.6	22.3	23.2
37.5°	22.6	26.9	29.5	33.0	29.9	30.6	31.9	32.4	30.6	29.9	33.6
35°	22.6	27.6	35.6	39.7	37.1	38.9	42.6	44.4	44.4	43.6	49.9
32.5°	23.2	29.1	44.0	47.5	50.2	52.5	54.9	58.9	62.5	66.6	77.1
30°	26.2	36.9	53.6	56.3	66.3	76.7	73.8	75.8	84.1	110.6	133.8
27.5°	32.6	47.6	61.9	70.5	86.7	108.6	115.4	102.0	126.1	167.3	206.6
25°	40.2	77.0	70.9	87.9	118.0	150.8	169.1	167.1	190.8	242.8	289.4
22.5°	56.5	115.5	111.9	106.9	154.5	202.6	233.9	288.1	364.6	364.2	381.2
20°	84.9	152.2	163.5	177.7	208.4	262.1	306.9	450.6	609.8	663.9	605.0
17.5°	118.0	192.7	222.4	270.3	338.4	373.2	398.7	644.7	913.9	1020.6	1054.1
15°	154.9	236.3	285.3	373.8	482.7	544.3	652.9	934.0	1252.0	1432.8	1567.3
12.5°	194.2	282.2	351.2	485.8	637.2	718.6	959.4	1366.3	1683.1	1901.2	2243.0
10°	234.7	329.6	419.0	603.3	798.9	895.1	1287.7	1811.6	2142.5	2395.0	2862.6
7.5°	279.4	376.8	486.3	723.1	964.0	1072.3	1626.7	2260.3	2590.3	2871.6	3400.1
5°	322.9	422.1	546.6	825.1	1096.4	1221.8	1932.4	2700.7	3025.3	3330.6	3885.4
2.5°	363.1	465.5	604.6	919.0	1201.4	1326.4	2079.7	2924.8	3278.8	3657.6	4251.9
0°	398.5	506.6	659.2	1004.8	1297.3	1426.6	2196.1	3118.2	3484.9	3915.2	4519.3
-2.5°	406.0	522.9	678.7	1003.5	1284.5	1424.1	2207.3	3126.7	3555.9	4010.8	4602.0
-5°	408.0	536.0	693.7	993.6	1263.2	1415.9	2184.5	3095.1	3567.6	3987.5	4519.9
-7.5°	405.1	545.3	704.0	973.8	1221.7	1368.8	2055.7	2903.3	3381.1	3746.9	4247.6
-10°	397.8	544.0	692.5	929.6	1155.4	1297.4	1879.5	2682.0	3186.9	3501.7	3938.0
-12.5°	385.1	533.9	674.2	882.0	1088.4	1224.6	1674.1	2436.9	2990.1	3258.9	3611.8
-15°	370.9	521.8	652.6	833.0	1022.9	1151.2	1441.0	2172.4	2802.5	3076.4	3338.5
-17.5°	356.0	508.1	628.1	783.8	960.9	1078.5	1189.4	1891.4	2565.3	2890.2	3143.5
-20°	341.4	493.2	600.9	736.1	902.7	1022.1	1113.1	1606.6	2232.0	2683.9	2938.3



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	327.9	477.3	575.0	699.1	851.3	977.2	1069.5	1328.0	1880.3	2459.6	2734.6
-25°	322.9	454.4	554.0	666.8	802.1	931.9	1026.9	1091.6	1548.0	2121.5	2540.4
-27.5°	323.1	435.2	533.8	631.9	753.0	883.6	978.5	1045.2	1295.4	1789.1	2321.5
-30°	320.2	412.1	511.6	598.0	710.0	828.1	928.3	1020.3	1099.5	1494.8	1964.6
-32.5°	308.1	387.8	484.8	571.5	666.7	774.5	887.2	985.7	1071.6	1200.2	1625.8
-35°	291.7	367.8	455.6	543.1	622.9	726.8	837.6	945.3	1036.5	1116.3	1310.5
-37.5°	276.8	345.0	425.5	511.7	590.1	679.2	784.2	892.1	990.1	1084.9	1172.7
-40°	259.8	319.6	396.8	477.9	556.1	633.9	728.8	830.7	934.0	1043.4	1149.1
-42.5°	240.3	298.5	366.2	442.6	516.8	593.1	670.9	766.7	870.7	986.3	1096.5
-45°	214.6	275.3	334.1	403.0	473.3	547.3	622.4	699.6	800.0	906.7	1022.0
-47.5°	186.6	248.3	305.6	360.7	426.9	495.9	568.9	644.8	724.1	821.3	924.8
-50°	157.4	214.9	273.0	322.8	378.2	441.9	509.0	584.3	659.9	736.2	824.4
-52.5°	129.0	179.1	233.5	285.3	333.1	386.4	448.6	516.9	589.0	662.3	730.4
-55°	98.9	144.4	191.4	241.9	290.3	335.6	385.8	447.0	511.7	579.6	642.0
-57.5°	74.6	108.9	150.7	194.8	241.6	287.5	331.3	375.7	431.5	491.5	544.9
-60°	53.6	78.5	110.6	149.4	189.4	232.8	276.8	318.2	358.9	398.3	446.1
-62.5°	35.1	54.6	77.2	104.4	139.9	176.5	215.5	255.4	295.0	329.1	360.6
-65°	30.8	35.3	50.6	71.0	91.2	124.1	157.2	189.0	223.8	255.2	285.5
-67.5°	26.3	30.4	34.5	41.7	60.0	80.4	101.8	130.8	158.4	181.0	203.5
-70°	23.3	25.8	29.2	32.8	36.6	44.9	62.8	81.5	100.0	117.3	136.6
-72.5°	20.6	22.8	25.0	27.1	30.5	34.3	38.4	42.5	52.9	66.8	80.0
-75°	18.3	19.8	21.7	23.7	25.7	28.1	30.7	34.1	37.4	40.3	42.9
-77.5°	16.2	17.3	18.7	20.1	21.8	23.6	25.5	27.5	29.7	31.9	34.2
-80°	14.1	14.8	15.6	16.6	18.0	19.4	20.8	22.1	23.3	24.8	26.5
-82.5°	12.2	12.7	13.2	13.6	14.5	15.5	16.5	17.7	18.0	18.4	19.0
-85°	10.4	10.6	10.9	11.2	11.6	12.1	12.6	13.2	13.4	13.4	13.4
-87.5°	9.5	9.5	9.6	9.7	9.8	9.8	9.9	10.0	10.2	10.4	10.5
-90°	8.0	7.5	6.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	10.6	11.1	11.6	12.2	12.7	17.5	22.2	27.0	31.8	39.7	47.7
87.5°	6.4	5.9	5.3	4.8	4.2	3.7	3.2	2.6	2.1	2.1	2.1
85°	6.4	5.9	5.3	4.8	4.2	4.1	4.1	4.1	4.1	3.6	3.1
82.5°	6.4	5.9	5.3	4.8	4.2	4.2	4.2	4.2	4.2	3.7	3.2
80°	6.5	6.1	5.9	5.7	5.6	5.4	5.1	4.7	4.2	4.2	4.1
77.5°	6.7	6.8	6.8	6.7	6.5	6.0	5.4	4.8	4.3	4.2	4.2
75°	8.3	8.5	8.7	8.4	7.7	7.1	6.8	6.4	6.0	5.7	5.3
72.5°	14.9	15.0	14.3	13.8	12.5	11.9	11.9	11.8	11.4	11.2	11.1
70°	27.2	27.7	26.6	24.0	20.3	17.8	16.6	15.1	13.4	12.6	12.6
67.5°	38.7	35.5	32.0	28.4	23.8	19.9	17.6	15.5	13.5	12.5	11.9
65°	42.4	34.7	29.0	24.4	20.9	18.0	15.6	13.2	11.0	9.5	9.0
62.5°	36.9	27.5	21.9	18.5	16.0	14.4	12.1	10.0	8.2	7.1	7.4
60°	30.0	20.4	15.1	13.2	11.7	10.6	9.3	8.1	7.1	6.4	6.5
57.5°	22.4	14.8	10.6	10.3	9.8	8.9	8.2	7.6	7.0	6.4	6.4
55°	15.5	12.2	10.7	10.1	9.5	8.9	8.3	7.7	7.1	6.4	6.4
52.5°	12.1	11.1	10.7	10.2	9.6	9.0	8.4	7.8	7.2	6.5	6.4
50°	11.1	10.7	10.8	10.4	9.8	9.2	8.6	8.2	8.0	7.8	7.9
47.5°	11.4	11.7	11.5	10.7	10.3	10.4	10.4	10.4	10.5	10.1	9.9
45°	13.0	13.0	12.9	12.8	12.2	13.4	14.1	14.2	16.6	15.7	13.2
42.5°	16.1	16.9	17.8	18.9	17.5	22.4	30.0	35.2	30.1	23.8	20.0
40°	24.5	25.1	30.4	33.3	39.5	46.5	42.3	35.4	31.5	33.7	34.8
37.5°	38.6	45.0	53.9	63.8	61.4	50.9	52.1	51.9	50.1	54.4	54.7
35°	63.0	78.9	86.4	88.8	84.4	81.1	84.0	86.9	80.4	90.7	93.9
32.5°	102.9	122.4	126.8	122.2	122.7	129.8	135.1	144.7	154.4	169.9	188.3
30°	151.8	172.7	182.7	173.5	175.5	192.3	203.2	225.3	260.4	300.6	350.7
27.5°	224.9	240.5	258.3	260.8	252.4	277.1	315.8	339.0	433.5	496.1	608.7
25°	321.4	345.5	361.2	387.7	401.9	431.8	506.1	577.5	722.7	864.1	1103.9
22.5°	448.1	525.4	553.8	549.7	633.2	713.7	776.9	977.0	1262.9	1681.5	2152.6
20°	615.4	774.3	909.2	953.1	982.8	1194.9	1413.1	2034.0	2745.8	3933.8	4857.5
17.5°	1109.2	1161.4	1458.0	1699.4	1814.2	2263.5	3281.9	4844.9	7531.5	11207.5	13467.6
15°	1851.8	2001.1	2298.4	2809.0	3440.9	4631.7	6331.6	11314.9	18205.2	25734.9	32903.5
12.5°	2672.0	2983.2	3527.9	4279.9	5283.1	8680.8	14167.0	23542.6	36298.6	49344.1	65982.1
10°	3433.0	4058.9	4952.9	6222.2	8798.1	14602.6	23837.3	39774.2	62369.2	85929.5	109466.9
7.5°	4053.8	4949.3	6256.7	8157.9	12774.6	22093.7	37238.6	60719.5	89689.9	120001.4	151914.6
5°	4680.7	5814.3	7389.1	9689.5	15380.4	27881.1	48025.6	80171.7	117558.3	155751.6	195969.3
2.5°	5224.2	6550.4	8373.6	11061.1	17132.8	31013.5	54533.0	94116.5	138012.1	183716.7	234940.4
0°	5625.9	6976.2	8913.6	11709.6	18859.6	33452.0	58342.4	98238.5	142885.0	190070.0	242423.0
-2.5°	5569.9	6791.1	8547.3	11322.0	18259.5	33012.1	55962.9	94844.7	138540.9	182772.3	229464.1
-5°	5315.4	6377.5	7951.1	10434.7	16187.6	28642.2	50220.4	86054.1	126685.8	167106.0	208650.4
-7.5°	4927.6	5846.4	7225.7	9359.3	13798.4	23605.5	41538.2	69569.1	104501.4	139047.1	171094.8
-10°	4527.0	5275.4	6393.3	8079.2	11245.7	18098.4	30779.6	51734.9	80785.3	109234.7	133793.6
-12.5°	4150.4	4707.6	5502.7	6676.5	8628.2	13548.8	23123.9	38412.6	57817.4	79690.6	100956.2
-15°	3799.0	4211.2	4782.1	5728.8	7290.8	10209.5	15407.6	25596.2	39245.4	54513.3	69213.4
-17.5°	3477.0	3816.8	4262.3	4928.9	5896.8	7701.6	11343.0	17168.1	25409.0	36269.1	46420.7
-20°	3188.4	3496.1	3829.4	4328.9	5072.1	6134.4	7927.2	11543.4	16298.8	23143.9	29857.4



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2962.5	3204.2	3463.1	3845.2	4464.8	5218.0	6109.2	7590.8	10208.2	13719.3	17695.6
-25°	2756.0	2934.9	3203.6	3614.8	4039.2	4541.7	5082.1	5676.3	6837.6	7966.9	10048.7
-27.5°	2559.6	2748.4	3028.4	3399.4	3786.6	4021.3	4366.9	4733.9	5289.4	5779.7	6609.0
-30°	2395.8	2594.1	2831.8	3144.8	3470.8	3691.8	3871.7	4137.3	4445.3	4752.8	5109.6
-32.5°	2088.1	2466.3	2631.1	2869.8	3163.3	3395.8	3555.0	3752.3	3916.9	4108.1	4301.9
-35°	1751.4	2168.6	2509.4	2663.7	2866.7	3125.3	3351.6	3510.0	3637.6	3755.5	3866.6
-37.5°	1370.4	1804.3	2176.4	2489.5	2675.3	2848.5	3088.5	3301.7	3455.1	3536.2	3608.5
-40°	1225.4	1350.7	1743.8	2103.1	2382.6	2653.9	2840.9	3049.8	3227.2	3339.2	3423.0
-42.5°	1200.6	1265.0	1315.8	1588.0	1927.4	2217.9	2465.5	2709.3	2925.9	3086.6	3216.3
-45°	1133.6	1210.2	1281.6	1331.9	1384.1	1641.1	1917.4	2186.5	2431.1	2649.9	2841.1
-47.5°	1025.3	1116.8	1193.0	1266.1	1322.8	1367.6	1419.4	1505.2	1734.2	1959.0	2172.5
-50°	907.7	990.5	1073.2	1151.8	1213.5	1267.6	1317.5	1360.1	1403.0	1448.0	1490.7
-52.5°	791.4	865.3	938.9	1007.9	1073.6	1135.5	1193.0	1235.2	1271.4	1303.2	1327.3
-55°	699.8	754.8	808.5	867.0	925.3	979.9	1029.9	1075.6	1117.2	1154.3	1182.9
-57.5°	598.8	652.7	704.0	747.8	790.4	831.5	874.0	914.5	950.4	981.4	1006.6
-60°	493.2	539.3	584.9	628.0	669.1	707.7	742.5	774.5	803.4	828.1	846.7
-62.5°	391.3	427.7	468.8	506.2	539.2	570.7	606.6	638.8	667.5	691.3	708.9
-65°	314.1	340.3	369.8	398.9	427.3	458.0	489.3	517.0	541.4	561.3	577.1
-67.5°	228.9	254.6	283.3	309.4	333.4	359.4	389.3	416.7	441.8	462.0	478.4
-70°	154.3	172.6	195.2	219.5	243.1	267.8	295.1	321.3	346.5	365.7	381.3
-72.5°	92.6	104.5	116.7	132.5	149.2	169.6	192.4	215.4	238.2	254.7	267.6
-75°	45.3	50.1	60.1	69.3	77.8	88.6	100.2	111.1	121.3	128.8	134.9
-77.5°	36.6	39.0	41.3	43.5	45.6	50.4	56.1	62.0	68.1	72.9	77.4
-80°	28.2	29.6	31.2	32.8	34.6	38.2	42.2	46.1	50.1	53.1	55.9
-82.5°	19.6	20.4	21.1	21.8	22.4	25.1	27.8	30.4	32.9	35.3	37.7
-85°	13.3	13.5	13.7	13.8	14.0	16.6	19.4	22.1	24.9	27.2	29.4
-87.5°	10.6	10.7	10.7	10.8	10.8	13.1	15.3	17.4	19.5	21.7	23.7
-90°	6.4	5.9	5.3	4.8	4.2	3.7	3.2	2.6	2.1	1.6	1.1



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	55.6	63.6	58.3	53.0	58.3	63.6	55.6	47.7	39.7	31.8	27.0
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.6
85°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.1	3.6	4.1	4.1
82.5°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.2
80°	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.2	4.2	4.7
77.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.8
75°	4.8	4.2	5.3	6.4	5.3	4.2	4.8	5.3	5.7	6.0	6.4
72.5°	10.8	10.5	10.6	10.6	10.6	10.5	10.8	11.1	11.2	11.4	11.8
70°	12.6	12.6	12.7	12.7	12.7	12.6	12.6	12.6	12.6	13.4	15.1
67.5°	11.4	10.8	10.6	10.6	10.6	10.8	11.4	11.9	12.5	13.5	15.5
65°	8.8	8.6	8.5	8.5	8.5	8.6	8.8	9.0	9.5	11.0	13.2
62.5°	7.9	8.4	8.5	8.5	8.5	8.4	7.9	7.4	7.1	8.2	10.0
60°	6.6	6.5	6.4	6.4	6.4	6.5	6.6	6.5	6.4	7.1	8.1
57.5°	6.4	6.4	7.2	8.5	7.2	6.4	6.4	6.4	6.4	7.0	7.6
55°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	7.1	7.7
52.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5	7.2	7.8
50°	8.2	8.3	8.5	8.5	8.5	8.3	8.2	7.9	7.8	8.0	8.2
47.5°	10.2	10.4	9.9	8.5	9.9	10.4	10.2	9.9	10.1	10.5	10.4
45°	13.2	12.9	12.6	12.7	12.6	12.9	13.2	13.2	15.7	16.6	14.2
42.5°	20.7	20.9	21.0	21.2	21.0	20.9	20.7	20.0	23.8	30.1	35.2
40°	36.7	37.5	37.8	38.2	37.8	37.5	36.7	34.8	33.7	31.5	35.4
37.5°	55.5	56.4	56.7	57.2	56.7	56.4	55.5	54.7	54.4	50.1	51.9
35°	93.6	93.2	90.0	91.1	90.0	93.2	93.6	93.9	90.7	80.4	86.9
32.5°	200.9	202.4	192.0	175.9	192.0	202.4	200.9	188.3	169.9	154.4	144.7
30°	388.4	421.5	443.9	445.2	443.9	421.5	388.4	350.7	300.6	260.4	225.3
27.5°	684.0	735.7	757.8	769.5	757.8	735.7	684.0	608.7	496.1	433.5	339.0
25°	1292.4	1411.0	1475.0	1426.6	1475.0	1411.0	1292.4	1103.9	864.1	722.7	577.5
22.5°	2600.6	2827.3	3020.5	3031.3	3020.5	2827.3	2600.6	2152.6	1681.5	1262.9	977.0
20°	6141.6	6090.1	6578.6	6333.9	6578.6	6090.1	6141.6	4857.5	3933.8	2745.8	2034.0
17.5°	17420.3	19347.2	20412.1	18955.0	20412.1	19347.2	17420.3	13467.6	11207.5	7531.5	4844.9
15°	40048.5	44855.5	48108.0	47692.6	48108.0	44855.5	40048.5	32903.5	25734.9	18205.2	11314.9
12.5°	75301.5	83200.7	89933.8	89651.3	89933.8	83200.7	75301.5	65982.1	49344.1	36298.6	23542.6
10°	130437.0	144208.8	157043.4	158380.5	157043.4	144208.8	130437.0	109466.9	85929.5	62369.2	39774.2
7.5°	181234.0	212246.5	230732.6	235475.4	230732.6	212246.5	181234.0	151914.6	120001.4	89689.9	60719.5
5°	244840.6	280754.4	300183.2	300701.7	300183.2	280754.4	244840.6	195969.3	155751.6	117558.3	80171.7
2.5°	291927.3	332381.6	356237.5	374695.4	356237.5	332381.6	291927.3	234940.4	183716.7	138012.1	94116.5
0°	305931.2	340818.3	379745.7	401388.5	379745.7	340818.3	305931.2	242423.0	190070.0	142885.0	98238.5
-2.5°	287166.7	323692.9	343016.9	360621.2	343016.9	323692.9	287166.7	229464.1	182772.3	138540.9	94844.7
-5°	251518.9	290206.1	308772.5	312735.6	308772.5	290206.1	251518.9	208650.4	167106.0	126685.8	86054.1
-7.5°	200134.0	227363.4	246159.9	253531.6	246159.9	227363.4	200134.0	171094.8	139047.1	104501.4	69569.1
-10°	156632.2	174215.2	183621.4	189876.0	183621.4	174215.2	156632.2	133793.6	109234.7	80785.3	51734.9
-12.5°	118096.2	130806.7	138183.7	141394.8	138183.7	130806.7	118096.2	100956.2	79690.6	57817.4	38412.6
-15°	84060.1	94117.9	99113.1	102293.6	99113.1	94117.9	84060.1	69213.4	54513.3	39245.4	25596.2
-17.5°	57592.3	65679.4	70288.9	73286.7	70288.9	65679.4	57592.3	46420.7	36269.1	25409.0	17168.1
-20°	36849.1	41664.4	45211.2	46244.8	45211.2	41664.4	36849.1	29857.4	23143.9	16298.8	11543.4



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21529.7	24365.0	26151.1	26556.4	26151.1	24365.0	21529.7	17695.6	13719.3	10208.2	7590.8
-25°	11706.2	12941.5	13878.6	14196.1	13878.6	12941.5	11706.2	10048.7	7966.9	6837.6	5676.3
-27.5°	7188.8	7666.4	8012.5	8190.8	8012.5	7666.4	7188.8	6609.0	5779.7	5289.4	4733.9
-30°	5407.1	5625.0	5755.0	5842.1	5755.0	5625.0	5407.1	5109.6	4752.8	4445.3	4137.3
-32.5°	4439.4	4536.9	4595.7	4635.9	4595.7	4536.9	4439.4	4301.9	4108.1	3916.9	3752.3
-35°	3954.4	4017.7	4061.2	4082.7	4061.2	4017.7	3954.4	3866.6	3755.5	3637.6	3510.0
-37.5°	3662.2	3702.1	3731.0	3747.7	3731.0	3702.1	3662.2	3608.5	3536.2	3455.1	3301.7
-40°	3463.0	3491.0	3514.2	3540.0	3514.2	3491.0	3463.0	3423.0	3339.2	3227.2	3049.8
-42.5°	3281.4	3322.8	3343.8	3349.2	3343.8	3322.8	3281.4	3216.3	3086.6	2925.9	2709.3
-45°	2987.6	3103.0	3173.9	3196.6	3173.9	3103.0	2987.6	2841.1	2649.9	2431.1	2186.5
-47.5°	2368.8	2541.5	2671.9	2751.5	2671.9	2541.5	2368.8	2172.5	1959.0	1734.2	1505.2
-50°	1530.5	1567.1	1581.5	1572.9	1581.5	1567.1	1530.5	1490.7	1448.0	1403.0	1360.1
-52.5°	1346.3	1360.9	1373.2	1382.1	1373.2	1360.9	1346.3	1327.3	1303.2	1271.4	1235.2
-55°	1205.3	1221.8	1237.5	1250.7	1237.5	1221.8	1205.3	1182.9	1154.3	1117.2	1075.6
-57.5°	1027.7	1044.4	1050.7	1049.3	1050.7	1044.4	1027.7	1006.6	981.4	950.4	914.5
-60°	862.0	873.8	882.8	888.2	882.8	873.8	862.0	846.7	828.1	803.4	774.5
-62.5°	722.8	733.2	744.7	754.6	744.7	733.2	722.8	708.9	691.3	667.5	638.8
-65°	590.3	601.3	610.1	616.9	610.1	601.3	590.3	577.1	561.3	541.4	517.0
-67.5°	493.1	506.1	515.8	523.6	515.8	506.1	493.1	478.4	462.0	441.8	416.7
-70°	395.6	408.6	416.3	421.8	416.3	408.6	395.6	381.3	365.7	346.5	321.3
-72.5°	278.7	288.1	292.5	294.6	292.5	288.1	278.7	267.6	254.7	238.2	215.4
-75°	140.2	144.7	149.0	152.6	149.0	144.7	140.2	134.9	128.8	121.3	111.1
-77.5°	81.9	86.2	88.8	91.1	88.8	86.2	81.9	77.4	72.9	68.1	62.0
-80°	58.6	61.1	63.5	65.7	63.5	61.1	58.6	55.9	53.1	50.1	46.1
-82.5°	40.0	42.3	43.4	44.5	43.4	42.3	40.0	37.7	35.3	32.9	30.4
-85°	31.6	33.8	34.9	36.0	34.9	33.8	31.6	29.4	27.2	24.9	22.1
-87.5°	25.7	27.7	28.7	29.7	28.7	27.7	25.7	23.7	21.7	19.5	17.4
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.1	2.6



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22.2	17.5	12.7	12.2	11.6	11.1	10.6	10.1	9.6	9.0	8.5
87.5°	3.2	3.7	4.2	4.8	5.3	5.9	6.4	6.4	6.4	6.4	6.4
85°	4.1	4.1	4.2	4.8	5.3	5.9	6.4	6.4	6.4	6.4	6.4
82.5°	4.2	4.2	4.2	4.8	5.3	5.9	6.4	6.6	6.7	6.7	6.7
80°	5.1	5.4	5.6	5.7	5.9	6.1	6.5	7.0	7.5	8.0	8.1
77.5°	5.4	6.0	6.5	6.7	6.8	6.8	6.7	7.1	7.6	8.1	8.5
75°	6.8	7.1	7.7	8.4	8.7	8.5	8.3	8.1	8.1	8.3	8.5
72.5°	11.9	11.9	12.5	13.8	14.3	15.0	14.9	13.8	12.2	10.0	8.5
70°	16.6	17.8	20.3	24.0	26.6	27.7	27.2	25.2	21.7	18.9	15.2
67.5°	17.6	19.9	23.8	28.4	32.0	35.5	38.7	41.4	40.2	36.3	26.2
65°	15.6	18.0	20.9	24.4	29.0	34.7	42.4	47.1	49.7	50.3	41.8
62.5°	12.1	14.4	16.0	18.5	21.9	27.5	36.9	45.3	52.7	54.9	46.8
60°	9.3	10.6	11.7	13.2	15.1	20.4	30.0	40.0	50.6	50.8	47.1
57.5°	8.2	8.9	9.8	10.3	10.6	14.8	22.4	32.6	43.5	43.4	42.0
55°	8.3	8.9	9.5	10.1	10.7	12.2	15.5	22.1	31.1	33.4	33.2
52.5°	8.4	9.0	9.6	10.2	10.7	11.1	12.1	15.9	19.3	22.9	24.5
50°	8.6	9.2	9.8	10.4	10.8	10.7	11.1	12.2	14.1	16.3	17.8
47.5°	10.4	10.4	10.3	10.7	11.5	11.7	11.4	11.1	12.4	12.9	14.5
45°	14.1	13.4	12.2	12.8	12.9	13.0	13.0	13.6	13.1	13.3	12.7
42.5°	30.0	22.4	17.5	18.9	17.8	16.9	16.1	17.4	16.8	15.2	16.3
40°	42.3	46.5	39.5	33.3	30.4	25.1	24.5	23.2	22.3	19.6	22.6
37.5°	52.1	50.9	61.4	63.8	53.9	45.0	38.6	33.6	29.9	30.6	32.4
35°	84.0	81.1	84.4	88.8	86.4	78.9	63.0	49.9	43.6	44.4	44.4
32.5°	135.1	129.8	122.7	122.2	126.8	122.4	102.9	77.1	66.6	62.5	58.9
30°	203.2	192.3	175.5	173.5	182.7	172.7	151.8	133.8	110.6	84.1	75.8
27.5°	315.8	277.1	252.4	260.8	258.3	240.5	224.9	206.6	167.3	126.1	102.0
25°	506.1	431.8	401.9	387.7	361.2	345.5	321.4	289.4	242.8	190.8	167.1
22.5°	776.9	713.7	633.2	549.7	553.8	525.4	448.1	381.2	364.2	364.6	288.1
20°	1413.1	1194.9	982.8	953.1	909.2	774.3	615.4	605.0	663.9	609.8	450.6
17.5°	3281.9	2263.5	1814.2	1699.4	1458.0	1161.4	1109.2	1054.1	1020.6	913.9	644.7
15°	6331.6	4631.7	3440.9	2809.0	2298.4	2001.1	1851.8	1567.3	1432.8	1252.0	934.0
12.5°	14167.0	8680.8	5283.1	4279.9	3527.9	2983.2	2672.0	2243.0	1901.2	1683.1	1366.3
10°	23837.3	14602.6	8798.1	6222.2	4952.9	4058.9	3433.0	2862.6	2395.0	2142.5	1811.6
7.5°	37238.6	22093.7	12774.6	8157.9	6256.7	4949.3	4053.8	3400.1	2871.6	2590.3	2260.3
5°	48025.6	27881.1	15380.4	9689.5	7389.1	5814.3	4680.7	3885.4	3330.6	3025.3	2700.7
2.5°	54533.0	31013.5	17132.8	11061.1	8373.6	6550.4	5224.2	4251.9	3657.6	3278.8	2924.8
0°	58342.4	33452.0	18859.6	11709.6	8913.6	6976.2	5625.9	4519.3	3915.2	3484.9	3118.2
-2.5°	55962.9	33012.1	18259.5	11322.0	8547.3	6791.1	5569.9	4602.0	4010.8	3555.9	3126.7
-5°	50220.4	28642.2	16187.6	10434.7	7951.1	6377.5	5315.4	4519.9	3987.5	3567.6	3095.1
-7.5°	41538.2	23605.5	13798.4	9359.3	7225.7	5846.4	4927.6	4247.6	3746.9	3381.1	2903.3
-10°	30779.6	18098.4	11245.7	8079.2	6393.3	5275.4	4527.0	3938.0	3501.7	3186.9	2682.0
-12.5°	23123.9	13548.8	8628.2	6676.5	5502.7	4707.6	4150.4	3611.8	3258.9	2990.1	2436.9
-15°	15407.6	10209.5	7290.8	5728.8	4782.1	4211.2	3799.0	3338.5	3076.4	2802.5	2172.4
-17.5°	11343.0	7701.6	5896.8	4928.9	4262.3	3816.8	3477.0	3143.5	2890.2	2565.3	1891.4
-20°	7927.2	6134.4	5072.1	4328.9	3829.4	3496.1	3188.4	2938.3	2683.9	2232.0	1606.6



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6109.2	5218.0	4464.8	3845.2	3463.1	3204.2	2962.5	2734.6	2459.6	1880.3	1328.0
-25°	5082.1	4541.7	4039.2	3614.8	3203.6	2934.9	2756.0	2540.4	2121.5	1548.0	1091.6
-27.5°	4366.9	4021.3	3786.6	3399.4	3028.4	2748.4	2559.6	2321.5	1789.1	1295.4	1045.2
-30°	3871.7	3691.8	3470.8	3144.8	2831.8	2594.1	2395.8	1964.6	1494.8	1099.5	1020.3
-32.5°	3555.0	3395.8	3163.3	2869.8	2631.1	2466.3	2088.1	1625.8	1200.2	1071.6	985.7
-35°	3351.6	3125.3	2866.7	2663.7	2509.4	2168.6	1751.4	1310.5	1116.3	1036.5	945.3
-37.5°	3088.5	2848.5	2675.3	2489.5	2176.4	1804.3	1370.4	1172.7	1084.9	990.1	892.1
-40°	2840.9	2653.9	2382.6	2103.1	1743.8	1350.7	1225.4	1149.1	1043.4	934.0	830.7
-42.5°	2465.5	2217.9	1927.4	1588.0	1315.8	1265.0	1200.6	1096.5	986.3	870.7	766.7
-45°	1917.4	1641.1	1384.1	1331.9	1281.6	1210.2	1133.6	1022.0	906.7	800.0	699.6
-47.5°	1419.4	1367.6	1322.8	1266.1	1193.0	1116.8	1025.3	924.8	821.3	724.1	644.8
-50°	1317.5	1267.6	1213.5	1151.8	1073.2	990.5	907.7	824.4	736.2	659.9	584.3
-52.5°	1193.0	1135.5	1073.6	1007.9	938.9	865.3	791.4	730.4	662.3	589.0	516.9
-55°	1029.9	979.9	925.3	867.0	808.5	754.8	699.8	642.0	579.6	511.7	447.0
-57.5°	874.0	831.5	790.4	747.8	704.0	652.7	598.8	544.9	491.5	431.5	375.7
-60°	742.5	707.7	669.1	628.0	584.9	539.3	493.2	446.1	398.3	358.9	318.2
-62.5°	606.6	570.7	539.2	506.2	468.8	427.7	391.3	360.6	329.1	295.0	255.4
-65°	489.3	458.0	427.3	398.9	369.8	340.3	314.1	285.5	255.2	223.8	189.0
-67.5°	389.3	359.4	333.4	309.4	283.3	254.6	228.9	203.5	181.0	158.4	130.8
-70°	295.1	267.8	243.1	219.5	195.2	172.6	154.3	136.6	117.3	100.0	81.5
-72.5°	192.4	169.6	149.2	132.5	116.7	104.5	92.6	80.0	66.8	52.9	42.5
-75°	100.2	88.6	77.8	69.3	60.1	50.1	45.3	42.9	40.3	37.4	34.1
-77.5°	56.1	50.4	45.6	43.5	41.3	39.0	36.6	34.2	31.9	29.7	27.5
-80°	42.2	38.2	34.6	32.8	31.2	29.6	28.2	26.5	24.8	23.3	22.1
-82.5°	27.8	25.1	22.4	21.8	21.1	20.4	19.6	19.0	18.4	18.0	17.7
-85°	19.4	16.6	14.0	13.8	13.7	13.5	13.3	13.4	13.4	13.4	13.2
-87.5°	15.3	13.1	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.2	10.0
-90°	3.2	3.7	4.2	4.8	5.3	5.9	6.4	6.4	6.4	6.4	6.4



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	6.8	7.1	7.4	7.6	7.8	8.0	8.2	8.5	8.5	8.5	8.5
85°	6.9	7.5	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
82.5°	7.0	7.5	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
80°	8.0	8.1	8.3	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
77.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
75°	8.5	8.5	8.5	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.5
72.5°	8.5	8.5	8.5	8.8	9.1	9.1	8.8	8.5	8.5	8.5	8.5
70°	11.6	9.1	8.5	8.7	9.2	9.8	9.7	9.2	8.5	8.5	8.5
67.5°	17.1	13.1	10.2	8.7	8.7	9.4	10.3	10.0	9.3	8.5	8.5
65°	30.0	20.0	12.5	10.4	9.0	8.7	9.5	10.4	10.0	9.2	8.5
62.5°	38.6	29.5	20.1	13.3	9.9	8.8	8.7	9.8	10.5	9.8	8.9
60°	42.4	33.9	27.1	20.0	13.0	9.0	8.7	9.3	10.2	10.5	9.5
57.5°	38.8	36.1	30.9	25.2	18.4	11.5	8.8	9.2	9.9	10.5	10.0
55°	32.8	31.8	32.5	28.2	22.5	15.8	10.2	9.4	9.8	10.4	10.5
52.5°	24.3	27.9	31.0	29.9	24.9	19.4	13.5	9.5	9.9	10.4	10.6
50°	17.9	23.2	29.0	30.3	26.9	21.5	16.3	11.5	10.1	10.5	10.7
47.5°	16.6	21.0	25.8	30.6	28.8	23.5	18.3	13.2	10.2	10.6	10.9
45°	17.1	20.8	24.3	28.6	30.6	25.1	20.0	14.6	11.2	10.8	11.1
42.5°	18.9	22.2	24.9	27.3	29.3	26.2	21.6	16.0	11.9	11.1	11.3
40°	24.5	25.0	26.4	28.8	28.4	26.9	22.3	17.3	12.4	11.6	11.6
37.5°	31.9	30.6	29.9	33.0	29.5	26.9	22.6	18.6	13.7	12.4	11.9
35°	42.6	38.9	37.1	39.7	35.6	27.6	22.6	19.3	15.9	13.4	12.3
32.5°	54.9	52.5	50.2	47.5	44.0	29.1	23.2	21.2	18.2	14.3	12.7
30°	73.8	76.7	66.3	56.3	53.6	36.9	26.2	23.5	20.6	15.4	13.3
27.5°	115.4	108.6	86.7	70.5	61.9	47.6	32.6	26.2	23.0	16.8	14.1
25°	169.1	150.8	118.0	87.9	70.9	77.0	40.2	29.5	25.4	18.7	14.9
22.5°	233.9	202.6	154.5	106.9	111.9	115.5	56.5	35.6	27.8	20.7	15.8
20°	306.9	262.1	208.4	177.7	163.5	152.2	84.9	42.3	30.5	22.6	16.6
17.5°	398.7	373.2	338.4	270.3	222.4	192.7	118.0	49.4	33.4	24.5	17.4
15°	652.9	544.3	482.7	373.8	285.3	236.3	154.9	57.0	36.3	26.3	18.4
12.5°	959.4	718.6	637.2	485.8	351.2	282.2	194.2	64.7	39.3	28.4	19.5
10°	1287.7	895.1	798.9	603.3	419.0	329.6	234.7	74.1	44.3	30.6	20.7
7.5°	1626.7	1072.3	964.0	723.1	486.3	376.8	279.4	87.3	49.8	32.7	22.0
5°	1932.4	1221.8	1096.4	825.1	546.6	422.1	322.9	100.5	55.3	34.7	23.2
2.5°	2079.7	1326.4	1201.4	919.0	604.6	465.5	363.1	113.2	60.7	36.6	24.3
0°	2196.1	1426.6	1297.3	1004.8	659.2	506.6	398.5	125.1	65.7	38.2	25.4
-2.5°	2207.3	1424.1	1284.5	1003.5	678.7	522.9	406.0	143.2	80.8	48.5	30.3
-5°	2184.5	1415.9	1263.2	993.6	693.7	536.0	408.0	160.0	95.1	58.3	35.0
-7.5°	2055.7	1368.8	1221.7	973.8	704.0	545.3	405.1	175.4	108.5	67.4	39.2
-10°	1879.5	1297.4	1155.4	929.6	692.5	544.0	397.8	189.1	120.8	75.6	43.0
-12.5°	1674.1	1224.6	1088.4	882.0	674.2	533.9	385.1	201.6	131.7	82.7	46.2
-15°	1441.0	1151.2	1022.9	833.0	652.6	521.8	370.9	212.4	141.7	89.2	48.6
-17.5°	1189.4	1078.5	960.9	783.8	628.1	508.1	356.0	221.0	150.3	95.2	51.3
-20°	1113.1	1022.1	902.7	736.1	600.9	493.2	341.4	227.4	157.3	99.8	53.9



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1069.5	977.2	851.3	699.1	575.0	477.3	327.9	231.5	162.8	102.7	55.3
-25°	1026.9	931.9	802.1	666.8	554.0	454.4	322.9	233.1	166.5	103.8	55.4
-27.5°	978.5	883.6	753.0	631.9	533.8	435.2	323.1	236.3	168.2	103.1	54.2
-30°	928.3	828.1	710.0	598.0	511.6	412.1	320.2	237.4	167.0	101.4	51.5
-32.5°	887.2	774.5	666.7	571.5	484.8	387.8	308.1	236.3	163.2	98.2	49.6
-35°	837.6	726.8	622.9	543.1	455.6	367.8	291.7	232.9	156.8	92.9	47.1
-37.5°	784.2	679.2	590.1	511.7	425.5	345.0	276.8	217.3	147.7	85.5	43.3
-40°	728.8	633.9	556.1	477.9	396.8	319.6	259.8	198.1	137.1	76.0	38.3
-42.5°	670.9	593.1	516.8	442.6	366.2	298.5	240.3	176.9	120.4	67.5	32.1
-45°	622.4	547.3	473.3	403.0	334.1	275.3	214.6	154.1	101.8	58.9	27.4
-47.5°	568.9	495.9	426.9	360.7	305.6	248.3	186.6	131.6	81.9	48.6	26.0
-50°	509.0	441.9	378.2	322.8	273.0	214.9	157.4	107.7	67.6	36.0	24.4
-52.5°	448.6	386.4	333.1	285.3	233.5	179.1	129.0	83.2	52.6	30.2	22.6
-55°	385.8	335.6	290.3	241.9	191.4	144.4	98.9	65.6	37.0	27.4	20.6
-57.5°	331.3	287.5	241.6	194.8	150.7	108.9	74.6	47.4	30.9	24.6	19.3
-60°	276.8	232.8	189.4	149.4	110.6	78.5	53.6	33.5	27.6	21.9	17.9
-62.5°	215.5	176.5	139.9	104.4	77.2	54.6	35.1	29.7	24.1	20.1	16.3
-65°	157.2	124.1	91.2	71.0	50.6	35.3	30.8	25.7	21.8	18.3	14.9
-67.5°	101.8	80.4	60.0	41.7	34.5	30.4	26.3	22.9	19.7	16.4	13.8
-70°	62.8	44.9	36.6	32.8	29.2	25.8	23.3	20.6	17.5	15.1	12.8
-72.5°	38.4	34.3	30.5	27.1	25.0	22.8	20.6	18.3	16.1	13.9	11.6
-75°	30.7	28.1	25.7	23.7	21.7	19.8	18.3	16.7	14.6	12.6	11.2
-77.5°	25.5	23.6	21.8	20.1	18.7	17.3	16.2	15.0	13.3	11.9	11.0
-80°	20.8	19.4	18.0	16.6	15.6	14.8	14.1	13.4	12.2	11.3	10.8
-82.5°	16.5	15.5	14.5	13.6	13.2	12.7	12.2	11.7	11.0	10.6	10.4
-85°	12.6	12.1	11.6	11.2	10.9	10.6	10.4	10.3	10.1	9.9	9.8
-87.5°	9.9	9.8	9.8	9.7	9.6	9.5	9.5	9.4	9.3	9.2	9.1
-90°	6.4	6.4	6.4	6.4	6.9	7.5	8.0	8.5	8.5	8.5	8.5



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
85°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
82.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
80°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
77.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
75°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
72.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
70°	8.5	8.5	8.5	8.5	8.5	8.5	8.5
67.5°	8.6	8.5	8.5	8.5	8.5	8.5	8.5
65°	8.6	8.6	8.5	8.5	8.5	8.5	8.5
62.5°	8.8	8.7	8.5	8.5	8.5	8.5	8.5
60°	8.9	8.9	8.5	8.5	8.5	8.5	8.5
57.5°	9.3	9.1	8.7	8.5	8.5	8.5	8.5
55°	9.7	9.3	8.9	8.5	8.6	8.5	8.5
52.5°	10.1	9.6	9.1	8.5	8.6	8.5	8.5
50°	10.4	9.8	9.4	8.5	8.6	8.5	8.5
47.5°	10.6	10.0	9.6	8.5	8.7	8.5	8.5
45°	10.8	10.2	9.9	8.7	8.8	8.5	8.5
42.5°	11.0	10.4	10.1	8.9	8.8	8.5	8.5
40°	11.2	10.5	10.3	9.2	8.9	8.5	8.5
37.5°	11.5	10.6	10.4	9.4	9.0	8.5	8.5
35°	11.8	10.7	10.5	9.6	9.1	8.5	8.5
32.5°	12.1	11.0	10.5	9.8	9.2	8.5	8.5
30°	12.4	11.2	10.6	10.0	9.3	8.5	8.5
27.5°	12.8	11.4	10.6	10.1	9.4	8.5	8.5
25°	13.2	11.7	10.6	10.2	9.5	8.5	8.5
22.5°	13.5	11.9	10.6	10.3	9.6	8.5	8.5
20°	13.9	12.1	10.6	10.4	9.7	8.5	8.5
17.5°	14.2	12.2	10.6	10.5	9.8	8.5	8.5
15°	14.4	12.3	10.6	10.5	9.9	8.5	8.5
12.5°	14.5	12.4	10.6	10.6	10.1	8.5	8.5
10°	14.6	12.5	10.6	10.6	10.2	8.5	8.5
7.5°	14.7	12.6	10.6	10.6	10.3	8.5	8.5
5°	14.8	12.7	10.6	10.6	10.4	8.5	8.5
2.5°	14.8	12.7	10.6	10.6	10.5	8.5	8.5
0°	14.8	12.7	10.6	10.6	10.6	8.5	8.5
-2.5°	16.8	13.2	10.8	10.6	10.6	8.5	8.5
-5°	18.7	13.6	11.0	10.6	10.6	8.5	8.5
-7.5°	20.4	14.0	11.1	10.6	10.6	8.5	8.5
-10°	22.0	14.4	11.3	10.6	10.5	8.5	8.5
-12.5°	23.4	14.7	11.4	10.6	10.5	8.5	8.5
-15°	24.4	14.9	11.5	10.6	10.5	8.5	8.5
-17.5°	25.2	15.1	11.6	10.6	10.4	8.5	8.5
-20°	25.9	15.2	11.7	10.6	10.3	8.5	8.5



REPORT NUMBER: P1306287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.7	15.2	11.7	10.6	10.3	8.5	8.5
-25°	26.8	15.4	11.7	10.6	10.2	8.5	8.5
-27.5°	26.2	15.5	11.7	10.6	10.1	8.5	8.5
-30°	24.9	15.5	11.6	10.6	10.0	8.5	8.5
-32.5°	22.8	15.3	11.6	10.6	9.9	8.5	8.5
-35°	21.8	15.1	11.6	10.6	9.8	8.5	8.5
-37.5°	21.5	14.8	11.5	10.6	9.7	8.5	8.5
-40°	21.0	14.7	11.4	10.6	9.6	8.5	8.5
-42.5°	20.2	14.5	11.3	10.6	9.5	8.5	8.5
-45°	19.3	14.2	11.3	10.6	9.4	8.5	8.5
-47.5°	18.2	13.8	11.3	10.6	9.2	8.5	8.5
-50°	17.5	13.4	11.2	10.5	9.1	8.5	8.5
-52.5°	16.7	12.8	11.1	10.3	9.0	8.5	8.5
-55°	15.9	12.5	11.0	10.1	8.8	8.5	8.5
-57.5°	14.9	12.2	10.8	9.9	8.7	8.5	8.5
-60°	13.9	11.8	10.6	9.7	8.5	8.5	8.5
-62.5°	13.2	11.4	10.4	9.5	8.5	8.5	8.5
-65°	12.5	10.9	10.2	9.3	8.5	8.5	8.5
-67.5°	11.6	10.5	10.0	9.2	8.5	8.5	8.5
-70°	10.7	10.4	9.9	9.0	8.5	8.5	8.5
-72.5°	10.6	10.3	9.7	8.9	8.5	8.5	8.5
-75°	10.6	10.2	9.5	8.9	8.5	8.5	8.5
-77.5°	10.5	10.1	9.4	8.8	8.5	8.5	8.5
-80°	10.6	9.8	9.2	8.8	8.5	8.5	8.5
-82.5°	10.1	9.5	9.0	8.7	8.5	8.5	8.5
-85°	9.6	9.2	8.9	8.6	8.5	8.5	8.5
-87.5°	9.0	8.8	8.7	8.6	8.5	8.5	8.5
-90°	8.5	8.5	8.5	8.5	8.5	8.5	8.5

(END OF REPORT)