

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: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-4S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

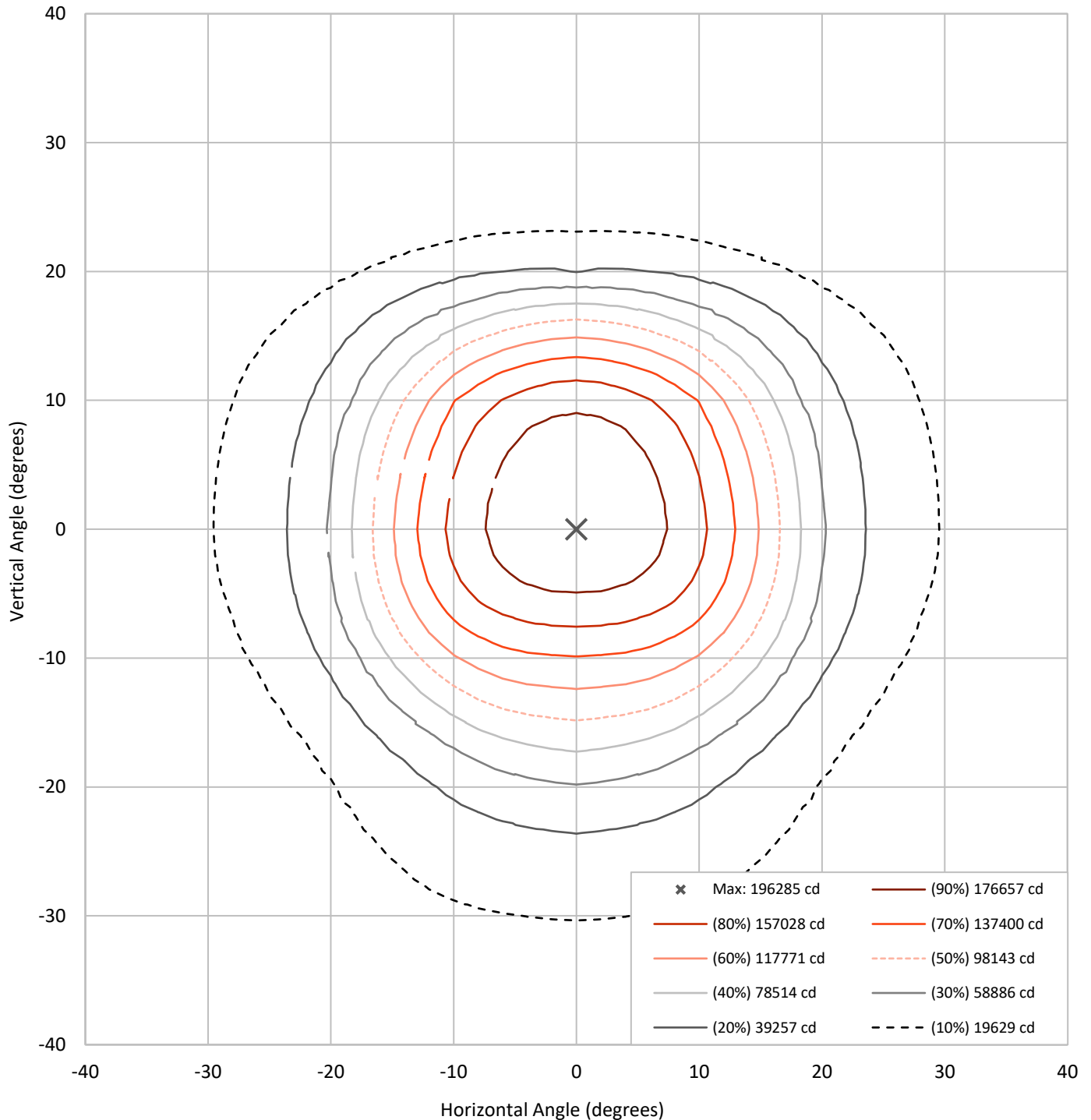
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	66878.4 lumens	Max Intensity:	196285 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	36551.6 lumens	Field Lumens:	58896.6 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%

Input Watts (W): 554
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-08-530N-40-80-4S-CV1-A

Iso-Candela Plot





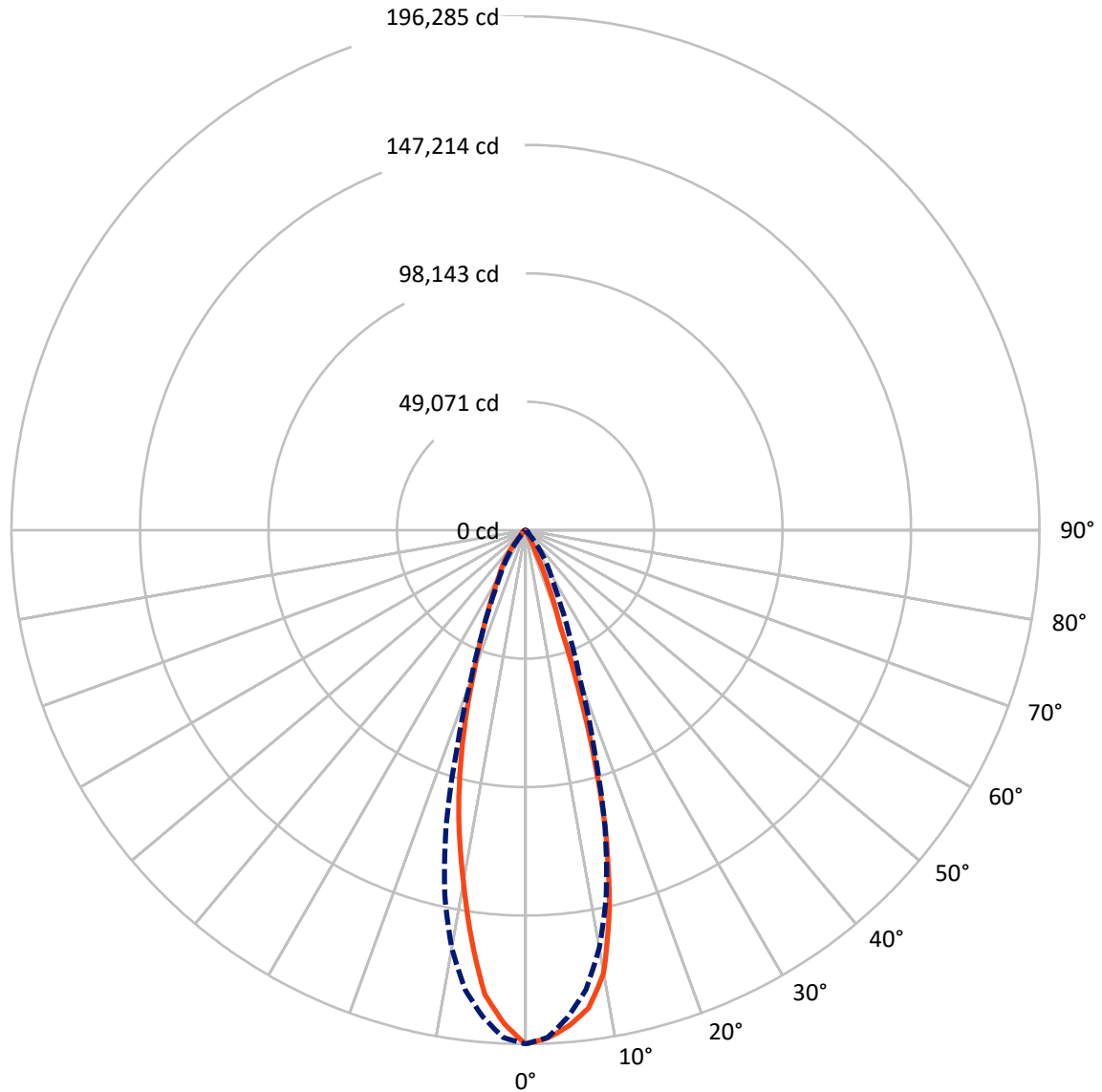
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Lumen Table

90																			
80	0.0	0.1	0.3	0.4	0.3	0.4	0.3	0.4	0.3	0.1	0.0								
70	0.1	0.0	0.1	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.1	0.0	0.1			
60		0.1	0.2	0.7	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.7	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.5	0.6	0.8	0.8	0.8	0.8	0.6	0.5	0.5	0.3	0.1	0.1			
40		0.2	0.7	2.0	3.6	6.3	9.6	11.8	11.8	9.6	6.3	3.6	2.0	0.7	0.2				
30	0.1	0.4	3.3	10.0	39.7	124.0	248.2	403.0	403.0	248.2	124.0	39.7	10.0	3.3	0.4	0.1			
20		1.0	7.4	24.3	164.1	560.4	1672.4	3118.0	3118.0	1672.4	560.4	164.1	24.3	7.4	1.0				
10	0.2	1.7	10.2	34.6	255.6	910.5	3122.2	5347.6	5347.6	3122.2	910.5	255.6	34.6	10.2	1.7	0.2			
0		2.1	10.9	35.6	252.3	878.3	3022.0	4977.7	4977.7	3022.0	878.3	252.3	35.6	10.9	2.1				
-10	0.4	2.5	10.5	27.5	150.0	496.2	1525.0	2718.4	2718.4	1525.0	496.2	150.0	27.5	10.5	2.5	0.4			
-20		2.6	10.0	21.2	70.7	269.0	619.7	988.7	988.7	619.7	269.0	70.7	21.2	10.0	2.6				
-30	0.3	2.1	9.0	18.1	34.9	99.9	250.2	380.1	380.1	250.2	99.9	34.9	18.1	9.0	2.1	0.3			
-40		1.4	6.5	15.5	26.1	39.8	60.5	82.1	82.1	60.5	39.8	26.1	15.5	6.5	1.4				
-50	0.2	0.7	3.4	10.1	19.6	28.2	36.3	41.5	41.5	36.3	28.2	19.6	10.1	3.4	0.7	0.2			
-60		0.3	1.2	3.6	7.8	13.1	18.5	21.5	21.5	18.5	13.1	7.8	3.6	1.2	0.3				
-70	0.1	0.7	3.4	10.1	19.6	28.2	36.3	41.5	41.5	36.3	28.2	19.6	10.1	3.4	0.7	0.1			
-80		0.3	1.2	3.6	7.8	13.1	18.5	21.5	21.5	18.5	13.1	7.8	3.6	1.2	0.3				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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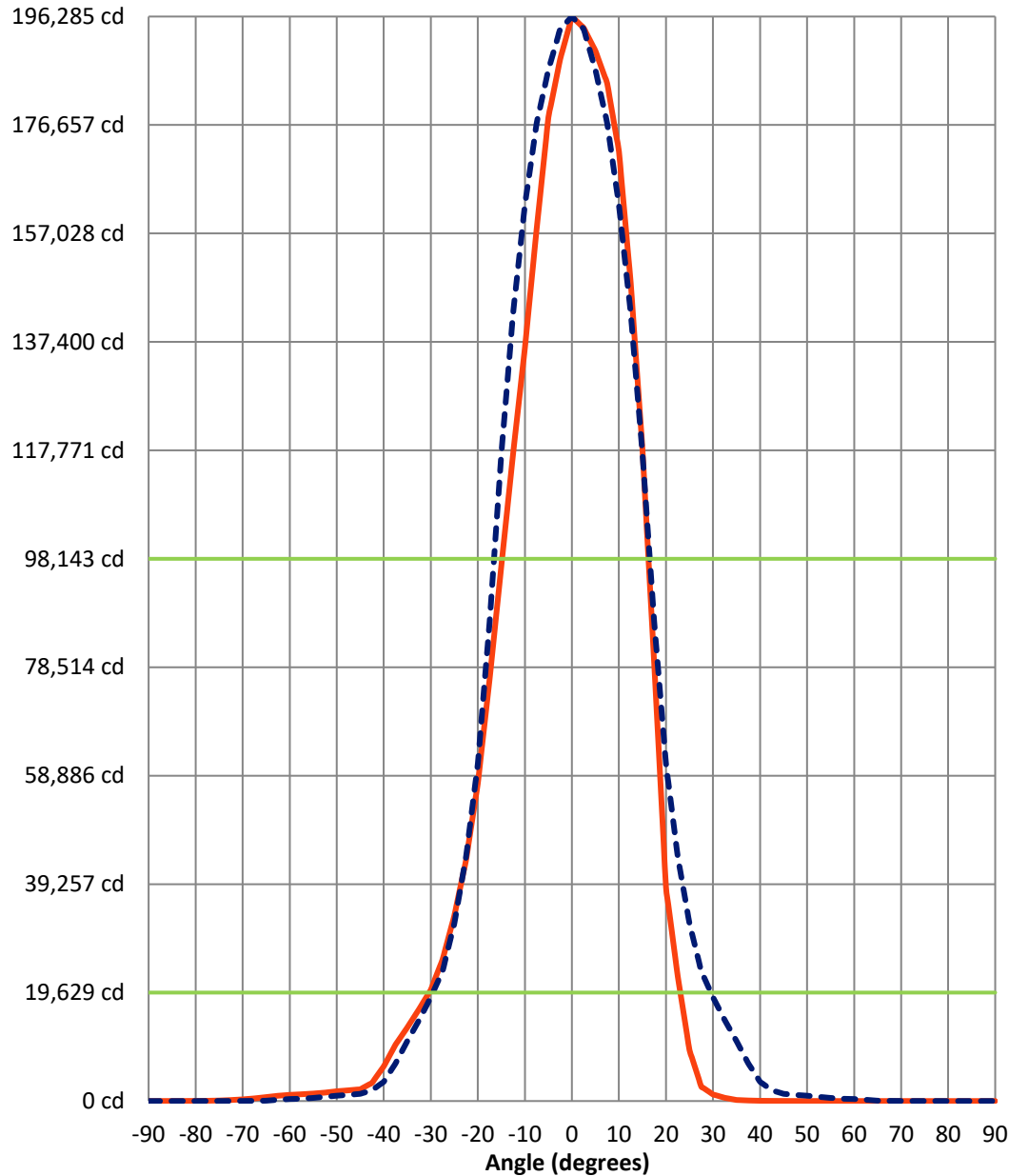
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 36551.6
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 58896.6
 Efficiency: 88.1%

Spill:
 Lumens: 7981.8
 Efficiency: 11.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
87.5°	3.4	2.6	1.8	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7
85°	3.4	2.6	2.0	2.0	2.0	1.9	1.7	1.7	1.7	1.7	1.7
82.5°	3.4	2.7	2.2	2.2	2.1	2.0	1.7	1.7	1.7	1.8	1.7
80°	3.4	2.7	2.3	2.4	2.3	2.1	1.8	2.0	2.0	2.0	1.7
77.5°	3.4	2.7	2.5	2.5	2.5	2.3	2.2	2.4	2.3	2.2	1.9
75°	3.4	2.8	2.6	2.7	2.6	2.5	2.7	2.8	2.7	2.6	2.6
72.5°	3.4	2.8	2.8	2.9	2.8	2.8	3.1	3.1	3.0	3.0	3.3
70°	3.4	2.9	2.9	3.1	2.9	3.1	3.4	3.2	3.2	3.4	3.4
67.5°	3.4	2.9	3.0	3.1	3.1	3.3	3.4	3.3	3.4	3.4	3.4
65°	3.4	3.0	3.2	3.2	3.2	3.4	3.4	3.4	3.4	3.4	3.4
62.5°	3.4	3.0	3.3	3.2	3.3	3.4	3.4	3.4	3.4	3.4	3.4
60°	3.4	3.0	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4
57.5°	3.4	3.1	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4
55°	3.4	3.1	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4
52.5°	3.4	3.1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
50°	3.4	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	4.4
47.5°	3.4	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	5.6
45°	3.4	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.5	4.4	6.6
42.5°	3.4	3.2	3.4	3.4	3.4	3.4	3.4	3.5	3.6	5.3	8.0
40°	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.6	4.0	6.2	9.5
37.5°	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.8	4.8	7.3	10.9
35°	3.4	3.3	3.4	3.4	3.4	3.4	3.4	4.0	5.7	8.6	12.3
32.5°	3.4	3.3	3.4	3.4	3.4	3.4	3.5	4.2	6.5	9.9	13.5
30°	3.4	3.3	3.4	3.4	3.4	3.4	3.6	4.6	7.2	11.1	15.0
27.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.8	5.2	8.1	12.3	16.7
25°	3.4	3.4	3.4	3.4	3.4	3.4	4.0	5.8	9.0	13.6	18.7
22.5°	3.4	3.4	3.4	3.4	3.4	3.4	4.2	6.3	9.9	15.0	22.6
20°	3.4	3.4	3.4	3.4	3.4	3.6	4.4	6.8	10.7	16.5	27.0
17.5°	3.4	3.4	3.4	3.4	3.4	3.7	4.8	7.3	11.4	18.1	31.6
15°	3.4	3.4	3.4	3.4	3.4	3.9	5.1	7.9	12.1	19.7	36.3
12.5°	3.4	3.4	3.4	3.4	3.4	4.1	5.4	8.6	13.2	21.3	41.1
10°	3.4	3.4	3.4	3.4	3.4	4.3	5.7	9.3	14.7	24.2	46.2
7.5°	3.4	3.4	3.4	3.4	3.4	4.5	6.0	10.0	16.2	27.3	51.4
5°	3.4	3.4	3.4	3.4	3.4	4.7	6.3	10.7	17.6	30.2	56.2
2.5°	3.4	3.4	3.4	3.4	3.4	4.9	6.6	11.3	19.0	33.0	60.6
0°	3.4	3.4	3.4	3.4	3.4	5.1	6.8	11.9	20.3	35.6	64.4
-2.5°	3.4	3.4	3.4	3.4	3.5	5.7	8.4	15.1	27.3	48.0	83.0
-5°	3.4	3.4	3.4	3.4	3.7	6.2	9.9	18.1	34.0	59.9	100.7
-7.5°	3.4	3.4	3.4	3.4	3.8	6.7	11.3	20.9	40.2	71.0	117.2
-10°	3.4	3.4	3.4	3.4	4.0	7.1	12.6	23.5	45.7	81.0	132.0
-12.5°	3.4	3.4	3.4	3.4	4.1	7.5	13.7	25.7	50.4	89.5	145.2
-15°	3.4	3.4	3.4	3.4	4.2	7.8	14.7	27.6	54.3	96.1	155.9
-17.5°	3.4	3.4	3.4	3.4	4.2	8.0	15.4	29.5	57.2	101.1	163.9
-20°	3.4	3.4	3.4	3.4	4.3	8.1	16.1	31.0	59.0	104.2	168.8



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.4	3.4	3.4	3.4	4.3	8.1	16.7	32.1	59.7	105.3	170.3
-25°	3.4	3.4	3.4	3.4	4.3	8.2	17.0	32.5	59.1	104.3	168.2
-27.5°	3.4	3.4	3.4	3.4	4.3	8.2	16.9	32.4	57.1	102.0	166.7
-30°	3.4	3.4	3.4	3.4	4.2	8.0	16.5	31.5	55.8	99.6	162.4
-32.5°	3.4	3.4	3.4	3.4	4.3	7.7	15.6	30.8	54.7	95.3	155.1
-35°	3.4	3.4	3.4	3.4	4.3	7.2	15.0	29.8	52.7	89.1	144.7
-37.5°	3.4	3.4	3.4	3.4	4.3	6.8	14.4	28.2	49.7	81.0	131.9
-40°	3.4	3.4	3.4	3.4	4.3	6.8	13.6	26.0	45.8	75.1	118.9
-42.5°	3.4	3.4	3.4	3.4	4.3	6.7	12.5	23.3	42.1	68.6	104.1
-45°	3.4	3.4	3.4	3.5	4.3	6.6	11.2	20.7	38.3	61.0	88.6
-47.5°	3.4	3.4	3.4	3.5	4.4	6.5	9.6	18.8	33.6	52.7	79.2
-50°	3.4	3.4	3.4	3.5	4.4	6.3	9.1	16.6	27.8	45.9	68.9
-52.5°	3.4	3.4	3.4	3.5	4.3	6.0	8.8	14.0	23.5	38.3	58.0
-55°	3.4	3.4	3.4	3.5	4.3	5.8	8.4	11.5	20.0	30.0	48.2
-57.5°	3.4	3.4	3.4	3.5	4.2	5.6	7.9	10.9	16.2	24.7	37.7
-60°	3.4	3.4	3.4	3.5	4.0	5.4	7.4	10.2	12.9	20.2	28.4
-62.5°	3.4	3.4	3.4	3.5	4.0	5.1	6.9	9.4	12.0	15.6	23.1
-65°	3.4	3.4	3.4	3.5	3.9	4.7	6.4	8.6	10.9	13.5	17.6
-67.5°	3.4	3.4	3.4	3.4	3.8	4.4	5.7	7.7	9.8	12.1	14.8
-70°	3.4	3.4	3.4	3.4	3.7	4.2	5.1	6.8	8.8	10.7	13.0
-72.5°	3.4	3.4	3.4	3.4	3.6	4.0	4.6	5.9	7.7	9.5	11.3
-75°	3.4	3.4	3.4	3.4	3.4	3.7	4.3	5.3	6.7	8.3	10.0
-77.5°	3.4	3.4	3.4	3.4	3.4	3.5	3.9	4.8	5.9	7.2	8.7
-80°	3.4	3.4	3.4	3.4	3.4	3.4	3.5	4.2	5.1	6.2	7.3
-82.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.8	4.3	5.1	6.0
-85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.6	4.0	4.4	4.8
-87.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.7	3.9	4.1
-90°	3.4	2.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.2	2.3
80°	1.7	1.7	1.8	1.7	1.9	2.1	2.5	3.0	3.3	3.4	3.4
77.5°	2.1	2.2	2.1	1.8	2.0	2.4	2.9	3.3	3.4	3.4	3.4
75°	2.8	2.7	2.3	1.9	2.0	2.4	2.8	3.3	3.4	3.4	3.4
72.5°	3.2	2.7	2.3	1.9	2.2	2.8	3.2	3.4	4.2	5.2	5.8
70°	3.2	2.8	2.6	2.7	3.1	3.8	5.2	7.1	8.9	9.6	10.3
67.5°	3.3	3.1	3.2	3.6	4.8	6.4	8.6	11.2	13.9	14.8	15.8
65°	3.4	3.3	3.8	4.9	6.6	9.2	12.2	15.3	19.9	22.2	23.2
62.5°	3.4	3.6	4.5	6.4	9.2	12.2	16.1	21.2	27.3	31.2	31.0
60°	3.4	3.8	5.7	8.5	11.6	15.3	20.3	27.3	36.0	42.2	38.0
57.5°	3.4	4.6	7.3	10.4	13.9	17.9	24.8	33.4	41.4	49.8	42.6
55°	3.9	5.8	8.8	12.2	16.2	21.0	27.8	34.6	43.3	46.5	38.9
52.5°	5.2	7.1	10.1	14.0	18.8	22.7	26.4	32.5	35.8	37.3	32.0
50°	6.5	8.6	11.3	16.1	20.2	22.4	22.9	26.7	28.2	26.9	24.4
47.5°	7.9	10.1	12.9	17.5	20.4	21.4	20.6	21.3	21.3	21.0	17.7
45°	9.4	12.0	15.0	18.1	20.1	19.9	19.6	17.3	19.5	18.9	17.4
42.5°	11.0	13.7	16.7	18.8	19.3	20.4	20.2	21.0	21.0	22.0	23.7
40°	12.4	15.3	18.7	20.2	19.6	22.8	27.4	29.7	26.7	32.2	37.0
37.5°	13.7	17.4	21.8	25.2	23.3	30.2	37.6	49.6	51.3	47.7	60.8
35°	14.9	19.8	28.9	37.0	39.0	42.2	63.1	82.1	93.9	87.0	97.1
32.5°	16.7	22.4	38.6	56.2	70.2	74.1	96.0	136.0	159.2	163.1	156.6
30°	19.5	31.5	53.2	80.5	111.7	139.6	158.9	204.5	242.5	284.0	308.6
27.5°	23.9	43.3	76.6	118.8	165.8	218.0	261.4	296.5	366.1	436.7	497.4
25°	29.0	67.3	103.3	166.8	241.4	313.4	373.7	427.6	519.3	629.5	813.9
22.5°	41.5	98.1	147.8	220.7	325.4	416.6	498.0	581.7	693.6	842.1	1227.7
20°	64.0	136.5	198.6	276.2	412.1	524.2	627.4	732.9	873.0	1184.0	2029.9
17.5°	89.9	176.6	247.5	337.4	476.8	619.3	761.0	877.1	1046.9	1505.7	2913.3
15°	118.3	217.9	291.7	393.4	538.0	693.1	851.4	1017.6	1276.5	1934.6	3751.7
12.5°	148.3	259.7	331.5	444.2	595.5	763.2	923.9	1103.9	1483.8	2585.2	4818.5
10°	179.0	301.2	367.4	489.9	648.9	829.1	988.7	1176.6	1646.2	3001.6	5563.4
7.5°	198.5	330.7	396.8	530.5	697.7	889.9	1045.9	1236.5	1783.9	3265.9	6084.1
5°	213.3	345.8	406.4	548.8	729.7	934.2	1090.3	1284.5	1894.8	3395.2	6443.9
2.5°	224.6	357.7	414.2	559.8	749.3	954.9	1103.5	1302.6	1940.7	3473.3	6693.2
0°	232.2	366.2	420.4	566.2	762.9	968.0	1110.4	1312.1	1947.8	3495.6	6814.8
-2.5°	244.9	372.9	433.1	577.6	770.1	972.1	1116.1	1319.5	1976.3	3600.1	7000.6
-5°	254.3	376.8	443.9	584.7	771.1	969.1	1116.0	1317.7	1959.8	3563.8	6766.2
-7.5°	260.6	378.5	452.3	587.0	760.9	947.8	1093.3	1280.1	1857.0	3334.6	6129.8
-10°	265.3	384.0	463.1	583.5	738.3	913.3	1061.3	1234.5	1724.5	3012.5	5392.5
-12.5°	272.4	393.0	473.5	578.2	714.8	873.8	1024.0	1181.6	1563.9	2597.8	4559.0
-15°	276.0	400.5	483.2	572.1	691.6	829.9	981.9	1121.9	1383.9	2097.4	3633.7
-17.5°	276.0	406.7	492.4	566.0	670.2	782.1	939.7	1078.6	1257.0	1789.7	2988.7
-20°	272.5	411.8	501.4	560.4	652.5	752.5	905.2	1048.1	1205.2	1559.3	2348.8



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	265.5	416.3	507.1	564.9	646.0	740.2	865.8	1011.5	1151.3	1313.1	1860.2
-25°	260.9	405.2	507.8	569.4	639.2	727.1	823.3	968.6	1101.0	1256.8	1602.9
-27.5°	257.8	389.8	498.6	570.5	630.8	714.3	798.8	918.0	1062.4	1207.3	1365.5
-30°	249.8	361.9	485.7	565.2	627.3	702.5	782.2	871.9	1018.2	1158.5	1304.3
-32.5°	234.0	332.7	457.0	548.2	621.7	689.5	765.3	846.1	961.8	1106.6	1240.4
-35°	215.6	310.0	421.7	526.9	610.7	676.7	745.9	822.3	907.4	1038.9	1187.8
-37.5°	198.4	283.7	385.5	495.3	583.3	663.2	723.6	796.0	875.2	965.8	1114.4
-40°	178.1	253.7	351.4	454.9	553.6	641.1	709.2	767.2	840.3	932.6	1024.8
-42.5°	155.6	227.8	314.8	413.3	511.0	604.3	692.4	749.0	813.7	899.7	988.0
-45°	136.9	198.4	275.6	366.8	460.8	558.2	647.6	736.1	798.0	867.0	950.8
-47.5°	116.1	168.1	238.7	316.5	406.1	498.6	594.5	686.3	780.8	847.0	912.7
-50°	96.1	142.3	197.8	269.4	347.5	434.7	524.9	625.7	720.9	813.0	889.3
-52.5°	83.5	114.1	164.0	221.7	291.2	367.0	453.1	546.3	644.4	742.2	826.0
-55°	69.9	95.6	129.9	179.3	236.1	302.7	376.6	462.0	551.0	644.7	733.4
-57.5°	56.7	79.0	104.5	139.0	187.1	239.6	303.7	374.0	453.9	536.9	611.0
-60°	43.5	62.5	84.3	109.4	139.9	184.9	230.9	289.0	355.5	422.4	487.0
-62.5°	30.9	46.3	64.6	85.3	109.3	133.7	170.4	212.9	257.0	311.3	364.9
-65°	24.7	32.0	45.6	62.8	81.2	102.2	124.1	146.5	182.4	218.4	252.7
-67.5°	18.3	24.7	31.6	40.6	56.3	72.0	89.0	108.4	128.1	146.4	168.3
-70°	15.5	17.8	23.0	29.3	35.4	42.8	56.5	71.2	86.3	100.7	116.0
-72.5°	13.4	15.5	17.7	19.7	24.6	29.2	33.5	37.5	46.1	58.1	69.7
-75°	11.5	13.2	15.1	17.1	18.6	20.0	21.9	25.6	29.2	32.7	36.0
-77.5°	9.7	10.9	12.4	14.1	15.5	16.4	17.5	18.7	20.3	22.1	24.0
-80°	8.0	8.5	9.3	10.4	11.6	12.7	13.6	14.4	15.3	16.5	17.8
-82.5°	6.4	6.8	7.2	7.5	8.2	9.0	9.9	10.8	11.3	11.9	12.6
-85°	5.0	5.1	5.4	5.6	5.9	6.3	6.7	7.2	7.7	8.2	8.6
-87.5°	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.6	5.0	5.3	5.8
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.4	3.8	4.3	4.7	5.1	5.5	6.0	6.4	6.8	6.8	6.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	2.5	2.4	2.2	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	3.4	3.2	3.0	2.8	2.8	2.6	2.4	2.1	1.7	1.7	1.7
77.5°	3.4	3.4	3.4	3.4	3.4	3.1	2.6	2.2	1.8	1.7	1.7
75°	3.4	3.5	3.8	3.7	3.5	3.3	3.1	3.1	3.1	2.9	2.5
72.5°	6.1	6.0	5.7	5.7	5.5	5.5	5.5	5.3	4.9	4.8	4.8
70°	10.8	11.2	11.2	10.8	9.7	8.7	8.0	7.4	6.6	6.2	5.9
67.5°	16.7	16.8	15.9	14.4	12.0	9.9	9.0	8.1	7.2	6.9	7.3
65°	23.1	21.0	18.5	15.8	12.8	10.1	9.3	8.7	8.2	8.3	8.9
62.5°	28.6	23.1	18.5	15.3	12.6	10.1	9.3	8.5	7.8	7.3	7.2
60°	31.6	23.2	16.7	13.8	11.2	8.9	7.8	7.3	7.0	6.8	6.8
57.5°	31.7	21.9	14.6	12.0	9.6	7.6	6.8	6.8	6.8	6.8	6.8
55°	28.2	19.2	12.5	10.3	8.8	7.5	6.9	7.1	7.0	6.8	7.2
52.5°	22.1	15.9	11.6	9.6	9.0	8.5	8.4	8.3	8.1	7.9	8.2
50°	17.6	13.2	11.2	10.1	10.0	10.1	10.0	10.2	10.4	10.6	10.7
47.5°	14.7	12.4	12.6	11.6	12.0	13.1	13.3	13.5	14.0	14.1	13.8
45°	15.1	17.5	18.0	17.7	17.4	19.9	19.8	18.1	20.3	20.9	20.5
42.5°	24.9	27.0	28.4	29.7	31.2	33.0	34.0	33.5	35.4	35.4	33.1
40°	42.1	40.1	43.3	47.2	50.6	51.9	55.1	58.4	59.7	59.0	56.8
37.5°	69.1	66.1	66.3	75.0	82.9	73.5	87.3	92.8	89.4	101.7	104.2
35°	114.7	126.9	109.4	140.3	155.7	148.1	164.6	197.3	172.0	218.2	229.5
32.5°	204.0	233.2	251.4	277.5	315.9	366.5	379.2	459.6	485.4	522.7	562.9
30°	333.4	415.8	567.4	595.6	632.3	806.3	854.1	897.8	989.5	1060.1	1180.1
27.5°	605.8	827.9	1145.0	1424.2	1403.7	1698.1	2025.7	1658.9	2203.2	1984.8	2507.0
25°	1134.5	1624.0	2388.6	3128.4	3481.5	4081.4	4831.7	4689.6	5679.5	5748.2	7208.3
22.5°	2157.7	3221.2	4390.3	5648.0	6868.1	8218.3	9515.7	10875.9	12920.8	15746.2	18492.2
20°	3530.3	5093.9	6982.3	8929.6	10994.6	13094.5	15534.1	19665.5	23901.4	29781.4	33935.3
17.5°	5017.6	7506.3	9824.3	12237.0	15124.0	18614.3	23660.8	30720.0	39282.5	48072.0	54871.6
15°	6316.8	9132.2	12473.4	15689.9	19279.8	24519.0	32445.0	42901.1	55634.6	68996.5	85154.3
12.5°	7573.8	10514.6	14145.6	18214.1	23092.3	30591.2	40865.1	54995.6	71864.3	91943.2	112696.0
10°	8549.3	11776.1	15817.4	20399.2	26353.3	35563.5	47502.4	64185.3	89182.2	112885.2	136583.5
7.5°	9311.6	12941.6	17222.3	22031.0	28963.9	39334.5	53618.5	74619.2	101030.5	126676.4	148504.3
5°	9989.2	13900.0	18174.3	22950.8	30843.2	42078.3	57460.2	81443.8	109628.2	134833.2	155604.3
2.5°	10522.9	14526.6	18697.2	23411.5	32052.9	43593.0	59486.2	85106.3	115170.2	140054.2	159887.6
0°	10846.0	14638.3	18784.8	23509.4	32144.9	44279.3	61067.1	86709.1	117146.8	142609.1	162116.1
-2.5°	10730.2	14388.0	18500.5	23221.8	31841.7	43636.1	59795.5	85896.9	115471.8	139294.1	158913.0
-5°	10153.4	13569.1	17387.9	21830.1	29830.4	41192.8	56190.8	79992.5	107791.5	131573.4	150034.8
-7.5°	9244.0	12424.8	15930.7	20043.2	26961.5	37228.9	50896.0	71151.1	96387.2	118330.6	134991.1
-10°	8226.7	11098.1	14135.7	17778.1	23186.0	31901.2	43314.2	58780.5	80424.0	100153.8	115906.5
-12.5°	7003.8	9392.7	11946.2	15087.4	19186.1	26291.2	35886.8	48433.0	63481.8	81038.6	95379.8
-15°	5732.9	7741.2	9854.8	12801.2	16296.9	20822.8	27720.2	37694.4	48864.8	60856.3	73868.4
-17.5°	4603.6	6304.0	8545.0	11026.6	13691.0	16840.5	22543.4	29340.8	37424.9	45978.1	53831.2
-20°	3698.1	5501.5	7514.8	9672.9	12121.0	15149.5	18652.9	23817.2	29812.1	36378.0	42668.9



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3042.1	4659.4	6529.0	8553.3	11030.0	13756.4	16593.7	19834.7	24136.8	29184.8	34017.6
-25°	2317.0	3668.5	5482.0	7523.7	9805.3	12209.6	14512.6	17154.6	20299.7	23584.2	26968.3
-27.5°	1836.6	2790.6	4279.7	6197.0	8308.1	10190.5	12163.6	14363.6	17114.0	19971.6	21854.5
-30°	1499.0	2057.6	3175.4	4673.4	6437.7	8098.9	9719.0	11696.2	13855.3	15906.2	17570.8
-32.5°	1400.3	1650.3	2228.6	3296.2	4621.4	6104.1	7558.5	9323.4	10999.2	12622.2	14053.3
-35°	1330.7	1490.5	1708.7	2265.6	3063.7	4268.8	5597.6	7091.1	8603.6	9914.6	11128.5
-37.5°	1265.7	1404.4	1548.9	1692.6	2141.9	2693.3	3629.2	4810.5	5957.9	7018.8	8063.6
-40°	1173.1	1325.1	1441.8	1564.6	1698.3	1850.1	2339.8	2822.5	3384.2	4197.8	4910.6
-42.5°	1074.9	1201.5	1334.4	1449.4	1561.2	1677.9	1801.3	1924.0	2180.7	2500.0	2761.5
-45°	1033.8	1110.0	1201.3	1321.4	1433.7	1538.6	1639.0	1736.1	1838.7	1932.4	2008.9
-47.5°	984.7	1054.0	1127.8	1206.1	1288.6	1389.8	1489.2	1588.1	1677.8	1761.2	1827.8
-50°	939.3	993.8	1059.8	1126.4	1192.3	1260.2	1328.8	1405.1	1490.8	1575.3	1644.8
-52.5°	902.2	952.1	999.3	1046.5	1103.9	1161.4	1219.1	1279.9	1338.4	1393.8	1436.9
-55°	812.1	882.3	951.5	996.0	1034.7	1073.8	1117.4	1171.9	1223.8	1273.0	1302.0
-57.5°	689.4	770.8	845.5	898.1	952.0	1006.5	1051.5	1090.5	1129.7	1167.2	1187.7
-60°	552.9	619.7	687.4	750.2	810.1	866.7	919.2	970.3	1017.5	1057.4	1081.5
-62.5°	417.9	473.4	528.3	580.7	631.2	680.3	736.3	790.2	841.5	883.4	909.2
-65°	290.9	336.4	379.0	419.8	459.0	500.8	544.3	586.6	627.2	659.4	680.6
-67.5°	197.9	225.9	251.3	275.6	305.3	337.5	369.4	399.1	426.3	447.2	462.0
-70°	131.4	146.4	159.8	175.5	195.0	214.6	234.4	252.6	269.4	281.9	291.3
-72.5°	80.9	91.2	100.9	111.4	121.4	131.7	142.4	153.0	163.1	170.5	176.0
-75°	38.9	43.7	52.3	60.1	67.1	73.6	79.6	84.8	89.3	92.1	94.0
-77.5°	26.5	28.7	30.8	32.9	35.1	37.8	40.5	43.0	45.5	47.4	49.1
-80°	19.2	20.3	21.3	22.1	22.8	23.9	25.2	26.4	27.6	28.0	28.3
-82.5°	13.3	14.2	15.0	15.9	16.7	17.5	18.2	18.9	19.6	20.2	20.8
-85°	9.0	9.4	9.9	10.4	10.9	11.5	12.1	12.7	13.2	13.4	13.4
-87.5°	6.2	6.3	6.5	6.6	6.6	7.1	7.5	8.0	8.4	8.5	8.5
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.4
87.5°	1.7	1.7	0.8	0.0	0.8	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.2
75°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.1	3.1
72.5°	4.9	5.0	4.3	3.4	4.3	5.0	4.9	4.8	4.8	4.9	5.3
70°	5.6	5.2	5.1	5.1	5.1	5.2	5.6	5.9	6.2	6.6	7.4
67.5°	7.8	8.3	8.5	8.5	8.5	8.3	7.8	7.3	6.9	7.2	8.1
65°	9.5	10.0	9.4	8.5	9.4	10.0	9.5	8.9	8.3	8.2	8.7
62.5°	7.1	6.9	6.8	6.8	6.8	6.9	7.1	7.2	7.3	7.8	8.5
60°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.0	7.3
57.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
55°	7.7	8.2	8.5	8.5	8.5	8.2	7.7	7.2	6.8	7.0	7.1
52.5°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.2	7.9	8.1	8.3
50°	10.6	10.3	10.2	10.2	10.2	10.3	10.6	10.7	10.6	10.4	10.2
47.5°	13.2	12.3	11.9	11.9	11.9	12.3	13.2	13.8	14.1	14.0	13.5
45°	20.5	20.3	20.1	20.3	20.1	20.3	20.5	20.5	20.9	20.3	18.1
42.5°	34.4	35.0	34.4	32.2	34.4	35.0	34.4	33.1	35.4	35.4	33.5
40°	56.8	54.7	51.8	50.9	51.8	54.7	56.8	56.8	59.0	59.7	58.4
37.5°	105.5	105.4	103.0	101.7	103.0	105.4	105.5	104.2	101.7	89.4	92.8
35°	221.9	220.1	208.1	196.6	208.1	220.1	221.9	229.5	218.2	172.0	197.3
32.5°	576.5	607.1	604.2	586.5	604.2	607.1	576.5	562.9	522.7	485.4	459.6
30°	1226.3	1281.1	1269.6	1196.8	1269.6	1281.1	1226.3	1180.1	1060.1	989.5	897.8
27.5°	2534.6	2662.8	2775.7	2627.6	2775.7	2662.8	2534.6	2507.0	1984.8	2203.2	1658.9
25°	8670.1	9503.9	9997.1	9230.5	9997.1	9503.9	8670.1	7208.3	5748.2	5679.5	4689.6
22.5°	20692.0	21731.1	22285.5	22602.4	22285.5	21731.1	20692.0	18492.2	15746.2	12920.8	10875.9
20°	37956.2	40178.0	41601.2	38734.2	41601.2	40178.0	37956.2	33935.3	29781.4	23901.4	19665.5
17.5°	64304.3	72498.6	76812.8	79156.8	76812.8	72498.6	64304.3	54871.6	48072.0	39282.5	30720.0
15°	97624.1	108108.6	115188.6	117960.5	115188.6	108108.6	97624.1	85154.3	68996.5	55634.6	42901.1
12.5°	129128.3	139946.7	146479.1	148121.2	146479.1	139946.7	129128.3	112696.0	91943.2	71864.3	54995.6
10°	151536.2	161729.7	169244.3	171882.2	169244.3	161729.7	151536.2	136583.5	112885.2	89182.2	64185.3
7.5°	164010.9	175926.3	182549.3	184198.1	182549.3	175926.3	164010.9	148504.3	126676.4	101030.5	74619.2
5°	171190.3	181956.1	189195.9	190073.7	189195.9	181956.1	171190.3	155604.3	134833.2	109628.2	81443.8
2.5°	175819.4	186348.0	192439.3	194229.6	192439.3	186348.0	175819.4	159887.6	140054.2	115170.2	85106.3
0°	176955.2	186635.8	193994.8	196285.0	193994.8	186635.8	176955.2	162116.1	142609.1	117146.8	86709.1
-2.5°	173515.9	182854.7	187756.6	188551.4	187756.6	182854.7	173515.9	158913.0	139294.1	115471.8	85896.9
-5°	164732.8	171639.5	177298.4	178022.4	177298.4	171639.5	164732.8	150034.8	131573.4	107791.5	79992.5
-7.5°	146076.2	153823.9	156953.8	157800.9	156953.8	153823.9	146076.2	134991.1	118330.6	96387.2	71151.1
-10°	126225.8	132863.2	135080.5	136277.4	135080.5	132863.2	126225.8	115906.5	100153.8	80424.0	58780.5
-12.5°	106792.2	113282.5	115463.5	117196.0	115463.5	113282.5	106792.2	95379.8	81038.6	63481.8	48433.0
-15°	85018.4	91409.7	94933.2	96883.8	94933.2	91409.7	85018.4	73868.4	60856.3	48864.8	37694.4
-17.5°	63797.6	69867.4	73968.5	76354.6	73968.5	69867.4	63797.6	53831.2	45978.1	37424.9	29340.8
-20°	48373.7	52481.7	55637.7	57510.5	55637.7	52481.7	48373.7	42668.9	36378.0	29812.1	23817.2



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	37787.1	40632.3	42460.6	43657.1	42460.6	40632.3	37787.1	34017.6	29184.8	24136.8	19834.7
-25°	29532.9	31400.2	32582.5	33550.2	32582.5	31400.2	29532.9	26968.3	23584.2	20299.7	17154.6
-27.5°	23383.8	24385.0	24907.6	25618.2	24907.6	24385.0	23383.8	21854.5	19971.6	17114.0	14363.6
-30°	18798.2	19566.5	19981.8	20135.9	19981.8	19566.5	18798.2	17570.8	15906.2	13855.3	11696.2
-32.5°	15129.4	15855.1	16379.3	16625.1	16379.3	15855.1	15129.4	14053.3	12622.2	10999.2	9323.4
-35°	12070.4	12675.8	13088.9	13316.0	13088.9	12675.8	12070.4	11128.5	9914.6	8603.6	7091.1
-37.5°	8928.8	9593.2	10048.0	10203.6	10048.0	9593.2	8928.8	8063.6	7018.8	5957.9	4810.5
-40°	5478.2	5901.4	6174.5	6289.3	6174.5	5901.4	5478.2	4910.6	4197.8	3384.2	2822.5
-42.5°	2965.3	3120.6	3228.5	3290.4	3228.5	3120.6	2965.3	2761.5	2500.0	2180.7	1924.0
-45°	2058.4	2097.7	2122.6	2132.6	2122.6	2097.7	2058.4	2008.9	1932.4	1838.7	1736.1
-47.5°	1876.5	1919.0	1941.6	1942.7	1941.6	1919.0	1876.5	1827.8	1761.2	1677.8	1588.1
-50°	1699.7	1746.0	1769.3	1771.5	1769.3	1746.0	1699.7	1644.8	1575.3	1490.8	1405.1
-52.5°	1476.2	1512.9	1528.8	1527.4	1528.8	1512.9	1476.2	1436.9	1393.8	1338.4	1279.9
-55°	1327.1	1348.9	1358.6	1359.6	1358.6	1348.9	1327.1	1302.0	1273.0	1223.8	1171.9
-57.5°	1206.1	1222.2	1227.9	1227.3	1227.9	1222.2	1206.1	1187.7	1167.2	1129.7	1090.5
-60°	1102.5	1120.1	1125.0	1122.2	1125.0	1120.1	1102.5	1081.5	1057.4	1017.5	970.3
-62.5°	930.2	946.3	954.3	956.1	954.3	946.3	930.2	909.2	883.4	841.5	790.2
-65°	697.2	709.3	715.7	717.1	715.7	709.3	697.2	680.6	659.4	627.2	586.6
-67.5°	473.5	481.7	484.2	483.1	484.2	481.7	473.5	462.0	447.2	426.3	399.1
-70°	298.8	304.5	305.9	305.1	305.9	304.5	298.8	291.3	281.9	269.4	252.6
-72.5°	180.5	184.0	184.3	183.1	184.3	184.0	180.5	176.0	170.5	163.1	153.0
-75°	95.1	95.6	95.5	94.9	95.5	95.6	95.1	94.0	92.1	89.3	84.8
-77.5°	50.7	52.1	51.7	50.9	51.7	52.1	50.7	49.1	47.4	45.5	43.0
-80°	28.5	28.7	28.8	28.8	28.8	28.7	28.5	28.3	28.0	27.6	26.4
-82.5°	21.4	21.9	21.1	20.3	21.1	21.9	21.4	20.8	20.2	19.6	18.9
-85°	13.5	13.6	13.6	13.6	13.6	13.6	13.5	13.4	13.4	13.2	12.7
-87.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.0
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.0	5.5	5.1	4.7	4.3	3.8	3.4	3.4	3.4	3.4	3.4
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	2.0	2.2	2.4	2.5	2.3	2.2	2.1	1.9
80°	2.4	2.6	2.8	2.8	3.0	3.2	3.4	3.4	3.4	3.3	3.0
77.5°	2.6	3.1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3
75°	3.1	3.3	3.5	3.7	3.8	3.5	3.4	3.4	3.4	3.4	3.3
72.5°	5.5	5.5	5.5	5.7	5.7	6.0	6.1	5.8	5.2	4.2	3.4
70°	8.0	8.7	9.7	10.8	11.2	11.2	10.8	10.3	9.6	8.9	7.1
67.5°	9.0	9.9	12.0	14.4	15.9	16.8	16.7	15.8	14.8	13.9	11.2
65°	9.3	10.1	12.8	15.8	18.5	21.0	23.1	23.2	22.2	19.9	15.3
62.5°	9.3	10.1	12.6	15.3	18.5	23.1	28.6	31.0	31.2	27.3	21.2
60°	7.8	8.9	11.2	13.8	16.7	23.2	31.6	38.0	42.2	36.0	27.3
57.5°	6.8	7.6	9.6	12.0	14.6	21.9	31.7	42.6	49.8	41.4	33.4
55°	6.9	7.5	8.8	10.3	12.5	19.2	28.2	38.9	46.5	43.3	34.6
52.5°	8.4	8.5	9.0	9.6	11.6	15.9	22.1	32.0	37.3	35.8	32.5
50°	10.0	10.1	10.0	10.1	11.2	13.2	17.6	24.4	26.9	28.2	26.7
47.5°	13.3	13.1	12.0	11.6	12.6	12.4	14.7	17.7	21.0	21.3	21.3
45°	19.8	19.9	17.4	17.7	18.0	17.5	15.1	17.4	18.9	19.5	17.3
42.5°	34.0	33.0	31.2	29.7	28.4	27.0	24.9	23.7	22.0	21.0	21.0
40°	55.1	51.9	50.6	47.2	43.3	40.1	42.1	37.0	32.2	26.7	29.7
37.5°	87.3	73.5	82.9	75.0	66.3	66.1	69.1	60.8	47.7	51.3	49.6
35°	164.6	148.1	155.7	140.3	109.4	126.9	114.7	97.1	87.0	93.9	82.1
32.5°	379.2	366.5	315.9	277.5	251.4	233.2	204.0	156.6	163.1	159.2	136.0
30°	854.1	806.3	632.3	595.6	567.4	415.8	333.4	308.6	284.0	242.5	204.5
27.5°	2025.7	1698.1	1403.7	1424.2	1145.0	827.9	605.8	497.4	436.7	366.1	296.5
25°	4831.7	4081.4	3481.5	3128.4	2388.6	1624.0	1134.5	813.9	629.5	519.3	427.6
22.5°	9515.7	8218.3	6868.1	5648.0	4390.3	3221.2	2157.7	1227.7	842.1	693.6	581.7
20°	15534.1	13094.5	10994.6	8929.6	6982.3	5093.9	3530.3	2029.9	1184.0	873.0	732.9
17.5°	23660.8	18614.3	15124.0	12237.0	9824.3	7506.3	5017.6	2913.3	1505.7	1046.9	877.1
15°	32445.0	24519.0	19279.8	15689.9	12473.4	9132.2	6316.8	3751.7	1934.6	1276.5	1017.6
12.5°	40865.1	30591.2	23092.3	18214.1	14145.6	10514.6	7573.8	4818.5	2585.2	1483.8	1103.9
10°	47502.4	35563.5	26353.3	20399.2	15817.4	11776.1	8549.3	5563.4	3001.6	1646.2	1176.6
7.5°	53618.5	39334.5	28963.9	22031.0	17222.3	12941.6	9311.6	6084.1	3265.9	1783.9	1236.5
5°	57460.2	42078.3	30843.2	22950.8	18174.3	13900.0	9989.2	6443.9	3395.2	1894.8	1284.5
2.5°	59486.2	43593.0	32052.9	23411.5	18697.2	14526.6	10522.9	6693.2	3473.3	1940.7	1302.6
0°	61067.1	44279.3	32144.9	23509.4	18784.8	14638.3	10846.0	6814.8	3495.6	1947.8	1312.1
-2.5°	59795.5	43636.1	31841.7	23221.8	18500.5	14388.0	10730.2	7000.6	3600.1	1976.3	1319.5
-5°	56190.8	41192.8	29830.4	21830.1	17387.9	13569.1	10153.4	6766.2	3563.8	1959.8	1317.7
-7.5°	50896.0	37228.9	26961.5	20043.2	15930.7	12424.8	9244.0	6129.8	3334.6	1857.0	1280.1
-10°	43314.2	31901.2	23186.0	17778.1	14135.7	11098.1	8226.7	5392.5	3012.5	1724.5	1234.5
-12.5°	35886.8	26291.2	19186.1	15087.4	11946.2	9392.7	7003.8	4559.0	2597.8	1563.9	1181.6
-15°	27720.2	20822.8	16296.9	12801.2	9854.8	7741.2	5732.9	3633.7	2097.4	1383.9	1121.9
-17.5°	22543.4	16840.5	13691.0	11026.6	8545.0	6304.0	4603.6	2988.7	1789.7	1257.0	1078.6
-20°	18652.9	15149.5	12121.0	9672.9	7514.8	5501.5	3698.1	2348.8	1559.3	1205.2	1048.1



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16593.7	13756.4	11030.0	8553.3	6529.0	4659.4	3042.1	1860.2	1313.1	1151.3	1011.5
-25°	14512.6	12209.6	9805.3	7523.7	5482.0	3668.5	2317.0	1602.9	1256.8	1101.0	968.6
-27.5°	12163.6	10190.5	8308.1	6197.0	4279.7	2790.6	1836.6	1365.5	1207.3	1062.4	918.0
-30°	9719.0	8098.9	6437.7	4673.4	3175.4	2057.6	1499.0	1304.3	1158.5	1018.2	871.9
-32.5°	7558.5	6104.1	4621.4	3296.2	2228.6	1650.3	1400.3	1240.4	1106.6	961.8	846.1
-35°	5597.6	4268.8	3063.7	2265.6	1708.7	1490.5	1330.7	1187.8	1038.9	907.4	822.3
-37.5°	3629.2	2693.3	2141.9	1692.6	1548.9	1404.4	1265.7	1114.4	965.8	875.2	796.0
-40°	2339.8	1850.1	1698.3	1564.6	1441.8	1325.1	1173.1	1024.8	932.6	840.3	767.2
-42.5°	1801.3	1677.9	1561.2	1449.4	1334.4	1201.5	1074.9	988.0	899.7	813.7	749.0
-45°	1639.0	1538.6	1433.7	1321.4	1201.3	1110.0	1033.8	950.8	867.0	798.0	736.1
-47.5°	1489.2	1389.8	1288.6	1206.1	1127.8	1054.0	984.7	912.7	847.0	780.8	686.3
-50°	1328.8	1260.2	1192.3	1126.4	1059.8	993.8	939.3	889.3	813.0	720.9	625.7
-52.5°	1219.1	1161.4	1103.9	1046.5	999.3	952.1	902.2	826.0	742.2	644.4	546.3
-55°	1117.4	1073.8	1034.7	996.0	951.5	882.3	812.1	733.4	644.7	551.0	462.0
-57.5°	1051.5	1006.5	952.0	898.1	845.5	770.8	689.4	611.0	536.9	453.9	374.0
-60°	919.2	866.7	810.1	750.2	687.4	619.7	552.9	487.0	422.4	355.5	289.0
-62.5°	736.3	680.3	631.2	580.7	528.3	473.4	417.9	364.9	311.3	257.0	212.9
-65°	544.3	500.8	459.0	419.8	379.0	336.4	290.9	252.7	218.4	182.4	146.5
-67.5°	369.4	337.5	305.3	275.6	251.3	225.9	197.9	168.3	146.4	128.1	108.4
-70°	234.4	214.6	195.0	175.5	159.8	146.4	131.4	116.0	100.7	86.3	71.2
-72.5°	142.4	131.7	121.4	111.4	100.9	91.2	80.9	69.7	58.1	46.1	37.5
-75°	79.6	73.6	67.1	60.1	52.3	43.7	38.9	36.0	32.7	29.2	25.6
-77.5°	40.5	37.8	35.1	32.9	30.8	28.7	26.5	24.0	22.1	20.3	18.7
-80°	25.2	23.9	22.8	22.1	21.3	20.3	19.2	17.8	16.5	15.3	14.4
-82.5°	18.2	17.5	16.7	15.9	15.0	14.2	13.3	12.6	11.9	11.3	10.8
-85°	12.1	11.5	10.9	10.4	9.9	9.4	9.0	8.6	8.2	7.7	7.2
-87.5°	7.5	7.1	6.6	6.6	6.5	6.3	6.2	5.8	5.3	5.0	4.6
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7
80°	2.5	2.1	1.9	1.7	1.8	1.7	1.7	1.7	2.0	2.0	2.0
77.5°	2.9	2.4	2.0	1.8	2.1	2.2	2.1	1.9	2.2	2.3	2.4
75°	2.8	2.4	2.0	1.9	2.3	2.7	2.8	2.6	2.6	2.7	2.8
72.5°	3.2	2.8	2.2	1.9	2.3	2.7	3.2	3.3	3.0	3.0	3.1
70°	5.2	3.8	3.1	2.7	2.6	2.8	3.2	3.4	3.4	3.2	3.2
67.5°	8.6	6.4	4.8	3.6	3.2	3.1	3.3	3.4	3.4	3.4	3.3
65°	12.2	9.2	6.6	4.9	3.8	3.3	3.4	3.4	3.4	3.4	3.4
62.5°	16.1	12.2	9.2	6.4	4.5	3.6	3.4	3.4	3.4	3.4	3.4
60°	20.3	15.3	11.6	8.5	5.7	3.8	3.4	3.4	3.4	3.4	3.4
57.5°	24.8	17.9	13.9	10.4	7.3	4.6	3.4	3.4	3.4	3.4	3.4
55°	27.8	21.0	16.2	12.2	8.8	5.8	3.9	3.4	3.4	3.4	3.4
52.5°	26.4	22.7	18.8	14.0	10.1	7.1	5.2	3.4	3.4	3.4	3.4
50°	22.9	22.4	20.2	16.1	11.3	8.6	6.5	4.4	3.4	3.4	3.4
47.5°	20.6	21.4	20.4	17.5	12.9	10.1	7.9	5.6	3.4	3.4	3.4
45°	19.6	19.9	20.1	18.1	15.0	12.0	9.4	6.6	4.4	3.5	3.4
42.5°	20.2	20.4	19.3	18.8	16.7	13.7	11.0	8.0	5.3	3.6	3.5
40°	27.4	22.8	19.6	20.2	18.7	15.3	12.4	9.5	6.2	4.0	3.6
37.5°	37.6	30.2	23.3	25.2	21.8	17.4	13.7	10.9	7.3	4.8	3.8
35°	63.1	42.2	39.0	37.0	28.9	19.8	14.9	12.3	8.6	5.7	4.0
32.5°	96.0	74.1	70.2	56.2	38.6	22.4	16.7	13.5	9.9	6.5	4.2
30°	158.9	139.6	111.7	80.5	53.2	31.5	19.5	15.0	11.1	7.2	4.6
27.5°	261.4	218.0	165.8	118.8	76.6	43.3	23.9	16.7	12.3	8.1	5.2
25°	373.7	313.4	241.4	166.8	103.3	67.3	29.0	18.7	13.6	9.0	5.8
22.5°	498.0	416.6	325.4	220.7	147.8	98.1	41.5	22.6	15.0	9.9	6.3
20°	627.4	524.2	412.1	276.2	198.6	136.5	64.0	27.0	16.5	10.7	6.8
17.5°	761.0	619.3	476.8	337.4	247.5	176.6	89.9	31.6	18.1	11.4	7.3
15°	851.4	693.1	538.0	393.4	291.7	217.9	118.3	36.3	19.7	12.1	7.9
12.5°	923.9	763.2	595.5	444.2	331.5	259.7	148.3	41.1	21.3	13.2	8.6
10°	988.7	829.1	648.9	489.9	367.4	301.2	179.0	46.2	24.2	14.7	9.3
7.5°	1045.9	889.9	697.7	530.5	396.8	330.7	198.5	51.4	27.3	16.2	10.0
5°	1090.3	934.2	729.7	548.8	406.4	345.8	213.3	56.2	30.2	17.6	10.7
2.5°	1103.5	954.9	749.3	559.8	414.2	357.7	224.6	60.6	33.0	19.0	11.3
0°	1110.4	968.0	762.9	566.2	420.4	366.2	232.2	64.4	35.6	20.3	11.9
-2.5°	1116.1	972.1	770.1	577.6	433.1	372.9	244.9	83.0	48.0	27.3	15.1
-5°	1116.0	969.1	771.1	584.7	443.9	376.8	254.3	100.7	59.9	34.0	18.1
-7.5°	1093.3	947.8	760.9	587.0	452.3	378.5	260.6	117.2	71.0	40.2	20.9
-10°	1061.3	913.3	738.3	583.5	463.1	384.0	265.3	132.0	81.0	45.7	23.5
-12.5°	1024.0	873.8	714.8	578.2	473.5	393.0	272.4	145.2	89.5	50.4	25.7
-15°	981.9	829.9	691.6	572.1	483.2	400.5	276.0	155.9	96.1	54.3	27.6
-17.5°	939.7	782.1	670.2	566.0	492.4	406.7	276.0	163.9	101.1	57.2	29.5
-20°	905.2	752.5	652.5	560.4	501.4	411.8	272.5	168.8	104.2	59.0	31.0



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	865.8	740.2	646.0	564.9	507.1	416.3	265.5	170.3	105.3	59.7	32.1
-25°	823.3	727.1	639.2	569.4	507.8	405.2	260.9	168.2	104.3	59.1	32.5
-27.5°	798.8	714.3	630.8	570.5	498.6	389.8	257.8	166.7	102.0	57.1	32.4
-30°	782.2	702.5	627.3	565.2	485.7	361.9	249.8	162.4	99.6	55.8	31.5
-32.5°	765.3	689.5	621.7	548.2	457.0	332.7	234.0	155.1	95.3	54.7	30.8
-35°	745.9	676.7	610.7	526.9	421.7	310.0	215.6	144.7	89.1	52.7	29.8
-37.5°	723.6	663.2	583.3	495.3	385.5	283.7	198.4	131.9	81.0	49.7	28.2
-40°	709.2	641.1	553.6	454.9	351.4	253.7	178.1	118.9	75.1	45.8	26.0
-42.5°	692.4	604.3	511.0	413.3	314.8	227.8	155.6	104.1	68.6	42.1	23.3
-45°	647.6	558.2	460.8	366.8	275.6	198.4	136.9	88.6	61.0	38.3	20.7
-47.5°	594.5	498.6	406.1	316.5	238.7	168.1	116.1	79.2	52.7	33.6	18.8
-50°	524.9	434.7	347.5	269.4	197.8	142.3	96.1	68.9	45.9	27.8	16.6
-52.5°	453.1	367.0	291.2	221.7	164.0	114.1	83.5	58.0	38.3	23.5	14.0
-55°	376.6	302.7	236.1	179.3	129.9	95.6	69.9	48.2	30.0	20.0	11.5
-57.5°	303.7	239.6	187.1	139.0	104.5	79.0	56.7	37.7	24.7	16.2	10.9
-60°	230.9	184.9	139.9	109.4	84.3	62.5	43.5	28.4	20.2	12.9	10.2
-62.5°	170.4	133.7	109.3	85.3	64.6	46.3	30.9	23.1	15.6	12.0	9.4
-65°	124.1	102.2	81.2	62.8	45.6	32.0	24.7	17.6	13.5	10.9	8.6
-67.5°	89.0	72.0	56.3	40.6	31.6	24.7	18.3	14.8	12.1	9.8	7.7
-70°	56.5	42.8	35.4	29.3	23.0	17.8	15.5	13.0	10.7	8.8	6.8
-72.5°	33.5	29.2	24.6	19.7	17.7	15.5	13.4	11.3	9.5	7.7	5.9
-75°	21.9	20.0	18.6	17.1	15.1	13.2	11.5	10.0	8.3	6.7	5.3
-77.5°	17.5	16.4	15.5	14.1	12.4	10.9	9.7	8.7	7.2	5.9	4.8
-80°	13.6	12.7	11.6	10.4	9.3	8.5	8.0	7.3	6.2	5.1	4.2
-82.5°	9.9	9.0	8.2	7.5	7.2	6.8	6.4	6.0	5.1	4.3	3.8
-85°	6.7	6.3	5.9	5.6	5.4	5.1	5.0	4.8	4.4	4.0	3.6
-87.5°	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.1	3.9	3.7	3.5
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4
87.5°	1.7	1.8	1.8	1.9	1.8	2.6	3.4
85°	1.7	1.9	2.0	2.0	2.0	2.6	3.4
82.5°	1.7	2.0	2.1	2.2	2.2	2.7	3.4
80°	1.8	2.1	2.3	2.4	2.3	2.7	3.4
77.5°	2.2	2.3	2.5	2.5	2.5	2.7	3.4
75°	2.7	2.5	2.6	2.7	2.6	2.8	3.4
72.5°	3.1	2.8	2.8	2.9	2.8	2.8	3.4
70°	3.4	3.1	2.9	3.1	2.9	2.9	3.4
67.5°	3.4	3.3	3.1	3.1	3.0	2.9	3.4
65°	3.4	3.4	3.2	3.2	3.2	3.0	3.4
62.5°	3.4	3.4	3.3	3.2	3.3	3.0	3.4
60°	3.4	3.4	3.4	3.3	3.4	3.0	3.4
57.5°	3.4	3.4	3.4	3.3	3.4	3.1	3.4
55°	3.4	3.4	3.4	3.3	3.4	3.1	3.4
52.5°	3.4	3.4	3.4	3.4	3.4	3.1	3.4
50°	3.4	3.4	3.4	3.4	3.4	3.2	3.4
47.5°	3.4	3.4	3.4	3.4	3.4	3.2	3.4
45°	3.4	3.4	3.4	3.4	3.4	3.2	3.4
42.5°	3.4	3.4	3.4	3.4	3.4	3.2	3.4
40°	3.4	3.4	3.4	3.4	3.4	3.3	3.4
37.5°	3.4	3.4	3.4	3.4	3.4	3.3	3.4
35°	3.4	3.4	3.4	3.4	3.4	3.3	3.4
32.5°	3.5	3.4	3.4	3.4	3.4	3.3	3.4
30°	3.6	3.4	3.4	3.4	3.4	3.3	3.4
27.5°	3.8	3.4	3.4	3.4	3.4	3.4	3.4
25°	4.0	3.4	3.4	3.4	3.4	3.4	3.4
22.5°	4.2	3.4	3.4	3.4	3.4	3.4	3.4
20°	4.4	3.6	3.4	3.4	3.4	3.4	3.4
17.5°	4.8	3.7	3.4	3.4	3.4	3.4	3.4
15°	5.1	3.9	3.4	3.4	3.4	3.4	3.4
12.5°	5.4	4.1	3.4	3.4	3.4	3.4	3.4
10°	5.7	4.3	3.4	3.4	3.4	3.4	3.4
7.5°	6.0	4.5	3.4	3.4	3.4	3.4	3.4
5°	6.3	4.7	3.4	3.4	3.4	3.4	3.4
2.5°	6.6	4.9	3.4	3.4	3.4	3.4	3.4
0°	6.8	5.1	3.4	3.4	3.4	3.4	3.4
-2.5°	8.4	5.7	3.5	3.4	3.4	3.4	3.4
-5°	9.9	6.2	3.7	3.4	3.4	3.4	3.4
-7.5°	11.3	6.7	3.8	3.4	3.4	3.4	3.4
-10°	12.6	7.1	4.0	3.4	3.4	3.4	3.4
-12.5°	13.7	7.5	4.1	3.4	3.4	3.4	3.4
-15°	14.7	7.8	4.2	3.4	3.4	3.4	3.4
-17.5°	15.4	8.0	4.2	3.4	3.4	3.4	3.4
-20°	16.1	8.1	4.3	3.4	3.4	3.4	3.4



REPORT NUMBER: P1306169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.7	8.1	4.3	3.4	3.4	3.4	3.4
-25°	17.0	8.2	4.3	3.4	3.4	3.4	3.4
-27.5°	16.9	8.2	4.3	3.4	3.4	3.4	3.4
-30°	16.5	8.0	4.2	3.4	3.4	3.4	3.4
-32.5°	15.6	7.7	4.3	3.4	3.4	3.4	3.4
-35°	15.0	7.2	4.3	3.4	3.4	3.4	3.4
-37.5°	14.4	6.8	4.3	3.4	3.4	3.4	3.4
-40°	13.6	6.8	4.3	3.4	3.4	3.4	3.4
-42.5°	12.5	6.7	4.3	3.4	3.4	3.4	3.4
-45°	11.2	6.6	4.3	3.5	3.4	3.4	3.4
-47.5°	9.6	6.5	4.4	3.5	3.4	3.4	3.4
-50°	9.1	6.3	4.4	3.5	3.4	3.4	3.4
-52.5°	8.8	6.0	4.3	3.5	3.4	3.4	3.4
-55°	8.4	5.8	4.3	3.5	3.4	3.4	3.4
-57.5°	7.9	5.6	4.2	3.5	3.4	3.4	3.4
-60°	7.4	5.4	4.0	3.5	3.4	3.4	3.4
-62.5°	6.9	5.1	4.0	3.5	3.4	3.4	3.4
-65°	6.4	4.7	3.9	3.5	3.4	3.4	3.4
-67.5°	5.7	4.4	3.8	3.4	3.4	3.4	3.4
-70°	5.1	4.2	3.7	3.4	3.4	3.4	3.4
-72.5°	4.6	4.0	3.6	3.4	3.4	3.4	3.4
-75°	4.3	3.7	3.4	3.4	3.4	3.4	3.4
-77.5°	3.9	3.5	3.4	3.4	3.4	3.4	3.4
-80°	3.5	3.4	3.4	3.4	3.4	3.4	3.4
-82.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-87.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-90°	1.7	1.7	1.7	1.7	1.7	2.6	3.4

(END OF REPORT)