

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: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-2S-VHE-A**

Issue Date: 2/3/2026

Test Information

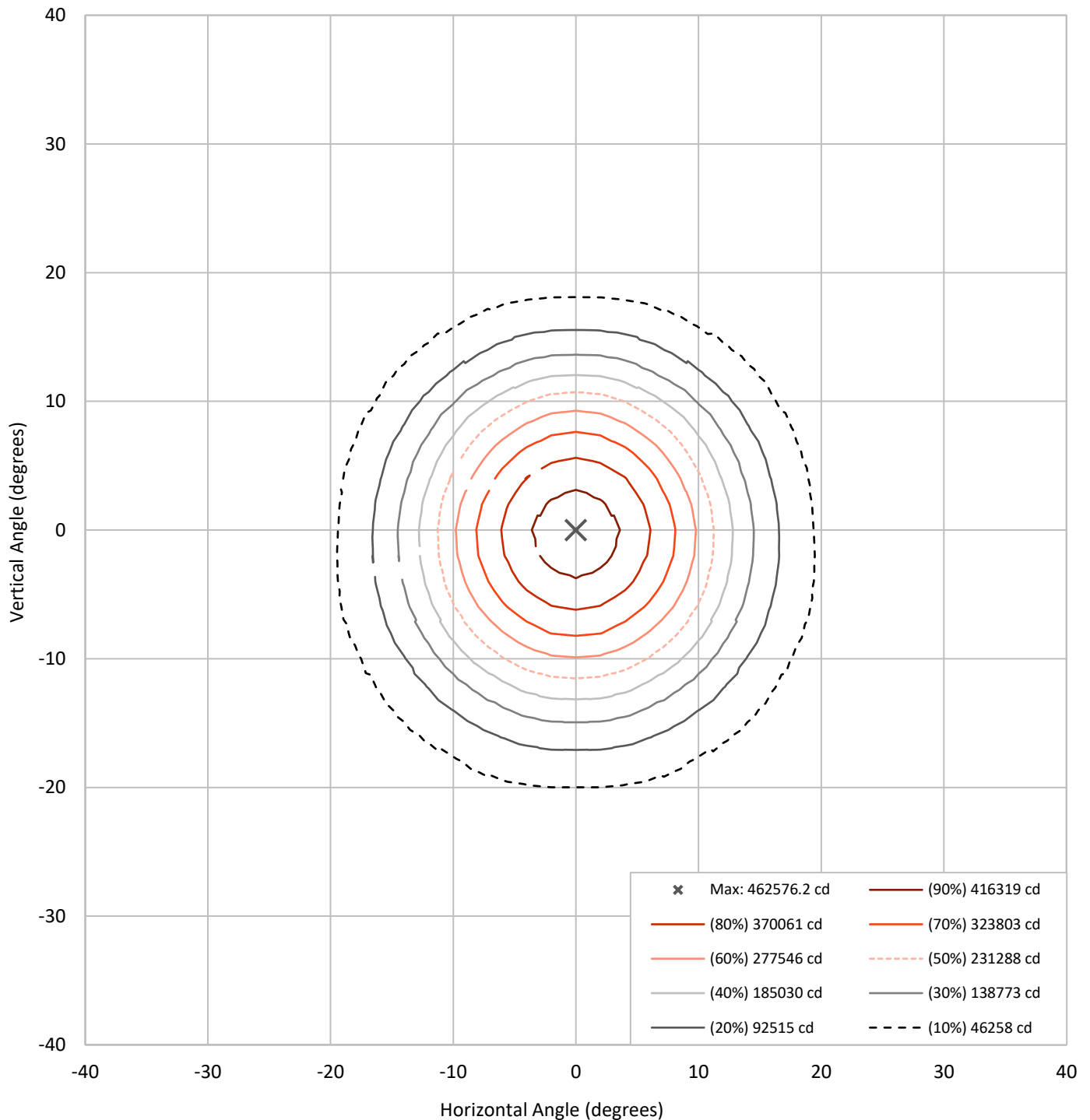
Test Method: LM-79-08
Report Number: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-2S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	80851.4 lumens	Max Intensity:	462576.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	142.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.5°H x 22.2°V	Field Angle (10%):	38.8°H x 38.1°V
Beam Lumens:	37780.5 lumens	Field Lumens:	67305.2 lumens
Beam Efficiency:	46.7%	Field Efficiency:	83.2%
Input Watts (W):	569		
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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Iso-Candela Plot



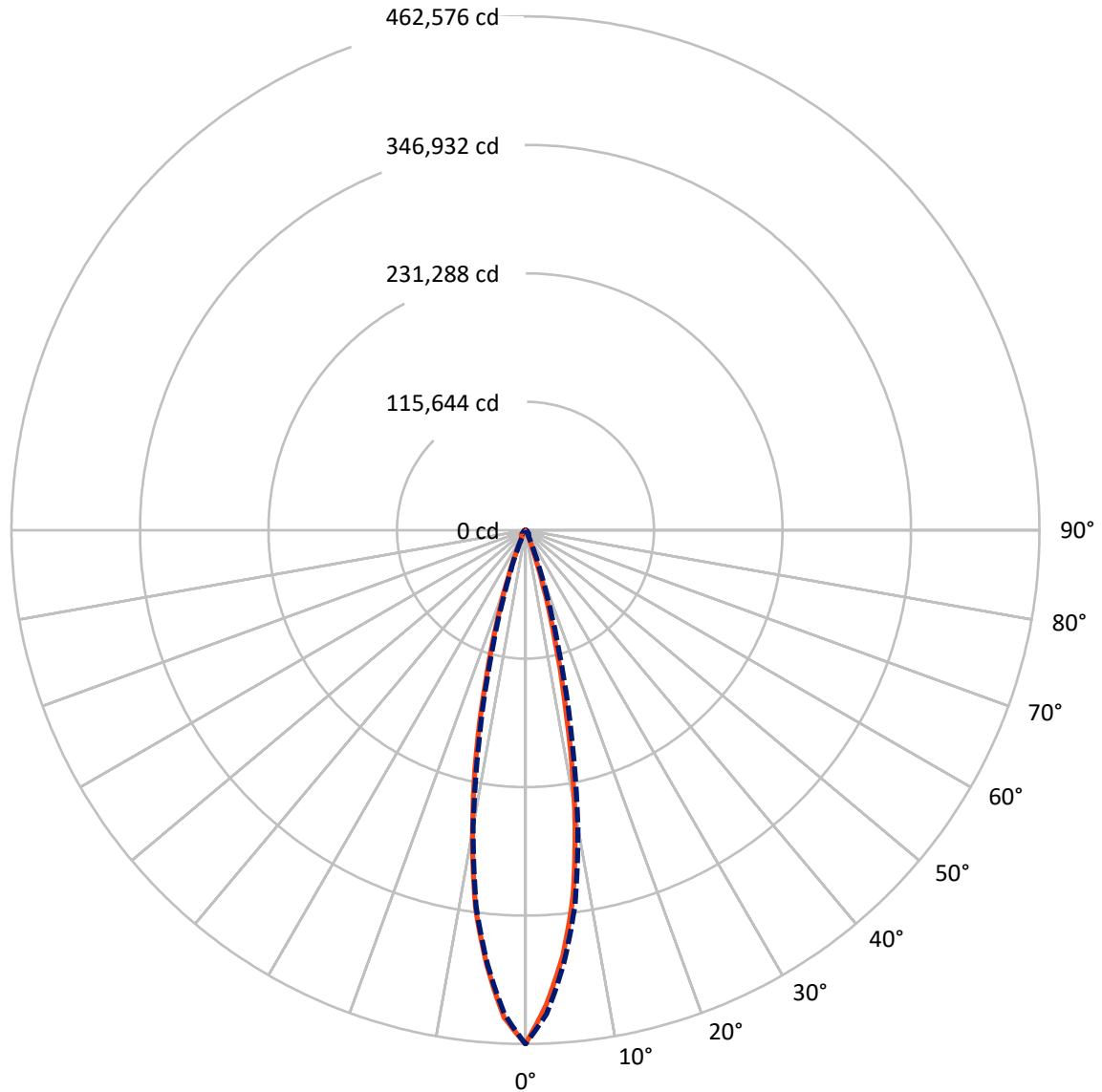
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Lumen Table

90	0.2	0.6		1.2		1.7		2.1		1.7		1.2		0.6		0.2			
80	0.2	0.6		1.2		1.7		2.1		1.7		1.2		0.6		0.2			
70	0.2	0.1	0.2	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.2	0.1	0.2			
60		0.3	0.7	0.9	0.8	0.7	0.8	0.9	0.9	0.8	0.7	0.8	0.9	0.7	0.3				
50	0.6	1.0	2.4	4.8	8.5	13.9	21.3	25.1	25.1	21.3	13.9	8.5	4.8	2.4	1.0	0.6			
40		2.5	8.0	15.4	30.1	52.4	63.7	70.6	70.6	63.7	52.4	30.1	15.4	8.0	2.5				
30	1.6	4.3	13.2	28.1	68.7	79.9	110.2	201.4	201.4	110.2	79.9	68.7	28.1	13.2	4.3	1.6			
20		5.8	17.2	49.2	96.9	142.3	902.8	2911.8	2911.8	902.8	142.3	96.9	49.2	17.2	5.8				
10	2.3	7.0	19.8	64.3	111.0	318.2	3198.3	9614.5	9614.5	3198.3	318.2	111.0	64.3	19.8	7.0	2.3			
0		7.6	21.9	67.9	122.1	364.9	3483.1	9998.7	9998.7	3483.1	364.9	122.1	67.9	21.9	7.6				
-10	2.5	7.7	22.8	65.5	128.4	208.9	1276.5	3739.6	3739.6	1276.5	208.9	128.4	65.5	22.8	7.7	2.5			
-20		7.1	22.4	50.0	121.1	166.0	230.7	461.4	461.4	230.7	166.0	121.1	50.0	22.4	7.1				
-30	2.1	6.1	19.6	39.1	84.7	149.1	174.7	183.2	183.2	174.7	149.1	84.7	39.1	19.6	6.1	2.1			
-40		4.6	14.8	31.7	50.5	77.6	118.1	148.2	148.2	118.1	77.6	50.5	31.7	14.8	4.6				
-50	1.7	3.0	9.4	20.7	35.4	47.9	57.1	63.1	63.1	57.1	47.9	35.4	20.7	9.4	3.0	1.7			
-60		2.1	4.8	10.4	18.0	25.4	31.9	35.9	35.9	31.9	25.4	18.0	10.4	4.8	2.1				
-70	1.2	7.4		18.0		30.0		36.7		30.0		18.0		7.4		1.2			
-80		7.4		18.0		30.0		36.7		30.0		18.0		7.4					
-90	1.2	7.4		18.0		30.0		36.7		30.0		18.0		7.4		1.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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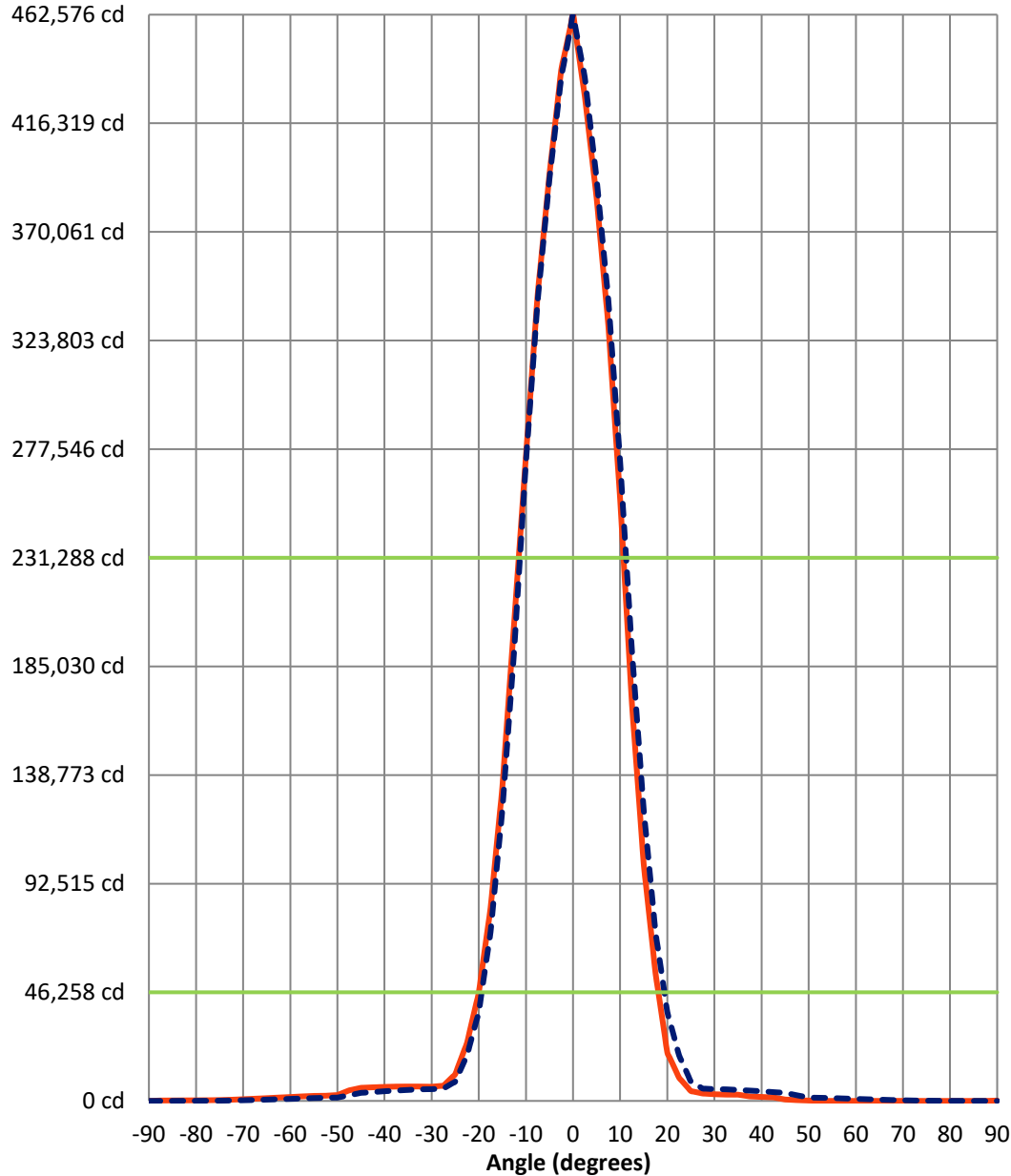
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22.5°
 V Angle: 22.2°
 Lumens: 37780.5
 Efficiency: 46.7%

Field:
 H Angle: 38.8°
 V Angle: 38.1°
 Lumens: 67305.2
 Efficiency: 83.2%

Spill:
 Lumens: 13546.2
 Efficiency: 16.8%

— 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°	4.7	9.9	15.1	25.9	36.8	46.2	55.7	62.8	69.9	75.6	81.2
87.5°	4.7	4.8	4.9	4.9	4.9	4.9	5.0	4.9	4.7	4.7	4.7
85°	4.7	4.9	5.0	5.1	5.0	5.1	5.2	5.0	4.7	4.7	4.7
82.5°	4.7	5.1	5.2	5.3	5.2	5.3	5.5	5.2	4.8	4.9	5.0
80°	4.7	5.2	5.4	5.5	5.4	5.6	5.7	5.5	5.4	5.5	5.4
77.5°	4.7	5.3	5.5	5.7	5.6	5.8	6.0	5.9	6.1	6.1	5.9
75°	4.7	5.4	5.7	5.9	5.8	6.1	6.2	6.3	6.6	6.5	6.3
72.5°	4.7	5.6	5.9	6.1	6.2	6.4	6.5	6.7	7.0	6.9	6.7
70°	4.7	5.7	6.1	6.3	6.5	6.8	6.8	7.2	7.4	7.4	7.3
67.5°	4.7	5.8	6.3	6.5	6.8	7.1	7.4	7.7	7.9	8.0	7.9
65°	4.7	5.9	6.5	6.8	7.2	7.6	8.0	8.2	8.8	8.7	8.7
62.5°	4.7	6.1	6.7	7.0	7.5	8.1	8.6	9.2	9.9	9.7	10.2
60°	4.7	6.2	6.9	7.3	7.8	8.7	9.2	10.5	11.1	11.7	11.9
57.5°	4.7	6.3	7.1	7.5	8.4	9.3	10.7	12.0	13.4	14.1	15.8
55°	4.7	6.4	7.4	7.8	9.1	9.9	12.5	13.7	16.2	17.5	21.2
52.5°	4.7	6.6	7.7	8.0	9.8	10.7	14.3	16.7	19.2	24.1	27.1
50°	4.7	6.7	8.0	8.2	10.6	12.7	16.4	19.9	23.5	31.3	38.8
47.5°	4.7	6.8	8.4	8.5	11.4	14.7	18.6	23.2	30.8	39.0	52.7
45°	4.7	6.9	8.7	9.2	12.2	16.9	21.6	26.7	38.8	53.0	67.9
42.5°	4.7	7.0	9.1	9.9	13.1	19.1	24.7	32.6	47.3	68.0	92.4
40°	4.7	7.1	9.5	10.8	14.5	21.3	27.9	40.4	58.3	84.1	120.1
37.5°	4.7	7.3	10.0	11.9	16.2	23.7	31.5	48.4	73.9	104.8	149.8
35°	4.7	7.4	10.4	13.1	18.0	26.4	35.1	56.7	90.3	132.6	183.1
32.5°	4.7	7.5	10.9	14.3	19.8	29.3	39.8	65.3	107.4	160.7	218.4
30°	4.7	7.6	11.3	15.5	21.6	32.1	46.8	75.3	125.2	189.2	252.0
27.5°	4.7	7.7	11.8	16.8	23.9	35.0	53.7	88.4	143.4	217.9	283.9
25°	4.7	7.8	12.3	18.0	26.2	37.9	60.5	100.8	162.5	245.1	314.1
22.5°	4.7	7.9	12.8	19.3	28.4	40.8	67.2	112.4	180.2	263.5	346.9
20°	4.7	8.0	13.3	20.6	30.5	43.8	73.6	123.3	196.3	280.6	372.4
17.5°	4.7	8.1	13.8	21.9	32.6	46.8	79.6	133.4	210.8	296.3	396.5
15°	4.7	8.1	14.3	23.2	34.6	49.6	84.9	142.3	223.9	310.6	419.7
12.5°	4.7	8.2	14.8	24.5	36.4	52.2	89.7	149.9	236.1	323.4	441.7
10°	4.7	8.3	15.3	25.7	38.2	54.8	94.1	156.6	247.8	339.2	464.3
7.5°	4.7	8.3	15.8	26.9	39.9	57.2	98.0	162.5	258.3	354.5	490.1
5°	4.7	8.4	16.2	28.1	41.5	59.4	101.4	167.5	267.4	368.6	513.7
2.5°	4.7	8.5	16.6	29.2	43.0	61.4	104.3	171.6	275.2	381.1	534.9
0°	4.7	8.5	17.0	30.2	44.4	63.3	106.7	174.7	281.3	391.8	553.2
-2.5°	4.7	8.9	17.9	31.5	46.3	65.9	110.1	181.1	289.9	403.1	562.8
-5°	4.7	9.2	18.8	32.8	48.2	68.4	113.0	186.4	296.7	412.3	569.3
-7.5°	4.7	9.6	19.6	34.0	49.9	70.6	115.3	190.5	301.7	419.3	572.8
-10°	4.7	9.9	20.3	35.0	51.4	72.6	117.1	193.3	304.6	424.0	573.4
-12.5°	4.7	10.2	21.1	36.0	52.8	74.4	118.3	194.8	305.6	425.8	572.7
-15°	4.7	10.5	21.7	37.0	54.1	75.9	118.9	194.8	303.3	422.4	568.7
-17.5°	4.7	10.8	22.4	37.8	55.3	77.2	118.9	192.8	297.7	416.5	560.3
-20°	4.7	11.1	22.9	38.5	56.2	78.3	118.4	189.2	290.2	408.0	547.2



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 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	11.4	23.5	39.2	57.1	79.1	117.5	184.3	280.8	397.0	529.7
-25°	4.7	11.6	23.9	39.7	57.7	79.8	115.8	178.1	269.6	383.3	512.6
-27.5°	4.7	11.8	24.3	40.2	58.2	80.3	113.5	170.7	256.5	372.1	500.5
-30°	4.7	12.0	24.6	40.5	58.6	80.5	110.5	162.0	246.0	359.6	485.5
-32.5°	4.7	12.2	24.9	40.8	59.0	80.5	106.8	156.6	237.2	344.3	467.3
-35°	4.7	12.3	25.1	41.0	59.3	80.3	105.3	151.9	226.1	326.3	445.7
-37.5°	4.7	12.5	25.2	41.0	59.4	80.0	104.7	146.6	213.0	305.5	422.3
-40°	4.7	12.6	25.3	41.0	59.4	79.9	103.8	140.0	197.6	286.7	396.0
-42.5°	4.7	12.7	25.2	41.0	59.4	79.7	102.5	132.2	186.0	266.6	366.2
-45°	4.7	12.7	25.2	40.9	59.3	79.3	100.9	126.2	175.5	243.8	334.1
-47.5°	4.7	12.7	25.0	40.8	59.1	78.7	98.9	123.8	163.5	218.6	305.3
-50°	4.7	12.8	24.8	40.6	58.7	77.8	97.6	121.0	149.9	203.0	273.4
-52.5°	4.7	12.7	24.5	40.3	58.2	76.8	96.2	117.6	142.8	185.8	239.4
-55°	4.7	12.7	24.1	39.9	57.5	75.8	94.6	114.1	138.3	167.1	216.7
-57.5°	4.7	12.6	23.7	39.3	56.7	74.5	92.7	111.8	133.3	158.1	192.7
-60°	4.7	12.5	23.2	38.7	55.7	73.0	90.6	109.2	128.2	151.5	173.1
-62.5°	4.7	12.4	22.8	37.9	54.6	71.3	88.3	106.2	124.5	144.1	164.2
-65°	4.7	12.3	22.4	37.1	53.4	69.4	85.8	102.8	120.3	138.0	154.8
-67.5°	4.7	12.1	21.9	36.1	52.0	67.4	83.0	99.3	115.8	132.1	147.0
-70°	4.7	11.9	21.3	35.1	50.5	65.2	80.0	95.6	111.4	125.8	139.7
-72.5°	4.7	11.7	20.7	34.2	48.8	62.8	76.9	91.6	106.7	119.9	132.3
-75°	4.7	11.5	20.0	33.2	47.0	60.3	73.7	87.4	101.8	113.7	125.1
-77.5°	4.7	11.3	19.3	32.2	45.5	57.6	70.3	83.1	96.4	107.2	117.7
-80°	4.7	11.0	18.5	31.1	43.9	55.3	66.7	78.5	90.7	100.3	109.7
-82.5°	4.7	10.8	17.7	29.9	42.3	53.2	64.0	74.2	84.9	93.1	101.4
-85°	4.7	10.5	16.9	28.7	40.6	51.0	61.3	70.5	80.0	86.9	93.8
-87.5°	4.7	10.2	16.0	27.3	38.7	48.7	58.6	66.7	75.0	81.3	87.5
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7



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 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	85.5	89.7	93.5	97.2	101.5	105.7	110.5	115.2	119.9	124.6	128.4
87.5°	4.5	4.3	4.3	4.3	4.1	3.8	3.8	3.8	3.3	2.8	2.8
85°	4.7	4.7	4.7	4.7	4.4	4.1	4.0	3.8	3.5	3.3	3.4
82.5°	5.1	5.2	5.0	4.7	4.6	4.6	4.3	3.9	4.0	4.1	4.0
80°	5.5	5.7	5.3	5.0	4.9	4.7	4.6	4.6	4.6	4.7	4.4
77.5°	5.9	5.8	5.6	5.6	5.3	5.0	5.1	5.2	5.1	4.8	4.7
75°	6.1	5.8	5.8	5.8	5.6	5.6	5.7	5.7	5.5	5.4	5.2
72.5°	6.5	6.3	6.2	5.9	5.9	5.8	5.7	5.7	6.6	7.9	8.9
70°	7.0	6.8	6.7	6.5	6.3	6.3	7.5	9.6	11.9	13.7	16.2
67.5°	7.6	7.5	7.3	7.2	7.7	8.8	10.5	16.7	23.0	25.3	26.4
65°	8.4	8.3	8.3	8.8	9.3	14.1	20.4	27.7	35.6	37.0	35.5
62.5°	9.5	10.5	10.3	11.9	16.1	22.0	29.9	38.3	47.2	45.1	37.6
60°	13.0	13.7	15.2	18.8	23.7	30.3	39.1	42.6	46.4	47.0	36.5
57.5°	17.6	19.5	23.1	26.9	33.4	37.0	38.4	38.5	43.8	44.1	33.5
55°	24.4	27.8	33.2	37.7	41.8	37.8	37.8	41.3	43.1	39.8	29.8
52.5°	35.1	38.7	47.1	50.5	48.3	44.9	44.0	47.1	45.4	40.5	34.5
50°	47.0	57.1	62.7	65.5	60.2	59.5	54.7	57.5	59.2	56.6	59.2
47.5°	66.2	78.5	83.0	87.1	82.8	87.4	82.8	96.3	96.6	129.9	133.7
45°	89.5	106.1	111.4	121.0	128.3	132.6	158.8	160.6	231.2	258.9	318.5
42.5°	116.9	138.4	157.2	162.0	206.5	227.7	264.9	333.1	398.2	454.3	486.1
40°	151.8	174.9	214.2	258.1	308.6	358.4	413.9	493.8	562.7	593.0	609.0
37.5°	190.3	234.5	286.8	360.2	435.4	492.6	558.4	633.7	679.5	695.5	699.2
35°	231.4	295.2	382.8	459.9	540.5	617.3	678.8	750.7	766.0	778.8	849.6
32.5°	281.6	355.9	459.2	545.8	627.3	715.3	777.6	820.0	844.5	891.3	1122.0
30°	331.9	419.1	521.3	613.2	708.4	792.0	851.3	892.6	920.5	1141.2	1620.4
27.5°	373.2	473.4	574.9	681.8	786.8	870.8	927.7	965.3	1128.2	1494.0	2231.8
25°	410.7	516.0	628.6	757.5	868.0	945.7	1004.1	1041.3	1405.7	2152.7	2664.3
22.5°	445.9	557.3	689.3	837.5	948.8	1014.8	1070.9	1272.7	1824.6	2820.1	3095.3
20°	480.2	606.8	755.2	905.3	1024.5	1073.5	1132.3	1532.2	2363.5	3077.0	3378.5
17.5°	515.8	657.7	817.4	957.4	1064.0	1125.7	1220.1	1783.8	2818.4	3301.9	3519.9
15°	551.4	705.7	868.0	1003.3	1102.9	1176.9	1420.7	2144.5	3100.3	3549.0	3754.4
12.5°	586.4	747.7	906.1	1042.6	1143.6	1225.4	1604.3	2517.2	3355.0	3791.7	4063.6
10°	620.0	784.0	938.7	1080.6	1183.5	1272.5	1789.8	2881.7	3584.9	3950.0	4177.9
7.5°	649.3	813.6	966.9	1117.1	1220.7	1318.8	1993.1	3123.4	3682.8	4050.5	4235.8
5°	674.4	837.0	995.4	1157.7	1259.4	1361.3	2177.9	3282.8	3720.0	4112.5	4296.3
2.5°	695.5	855.8	1020.0	1195.8	1297.4	1397.4	2307.3	3383.9	3745.3	4136.3	4355.8
0°	712.8	870.4	1040.4	1229.2	1332.1	1429.3	2403.6	3432.6	3753.6	4127.4	4411.6
-2.5°	724.0	891.7	1078.1	1261.4	1360.5	1456.1	2399.6	3461.3	3763.9	4175.1	4627.4
-5°	731.5	908.3	1109.8	1288.7	1386.2	1479.7	2358.6	3440.4	3786.7	4247.6	4768.4
-7.5°	735.3	919.5	1134.1	1310.6	1410.5	1506.1	2307.8	3392.0	3903.0	4396.6	4856.9
-10°	736.5	926.1	1139.0	1321.2	1433.0	1532.1	2224.2	3290.2	3994.9	4459.0	4882.5
-12.5°	741.4	929.3	1136.4	1325.5	1452.2	1555.8	2121.0	3222.9	4118.4	4497.5	4873.2
-15°	740.9	928.1	1128.8	1324.3	1475.7	1587.6	1983.6	3063.9	4193.6	4506.1	4848.1
-17.5°	734.7	922.8	1117.2	1319.8	1498.0	1611.4	1789.9	2736.8	3978.5	4467.9	4818.5
-20°	722.4	911.2	1100.9	1305.5	1510.3	1633.4	1766.8	2450.4	3535.9	4366.9	4762.6



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	704.7	894.3	1080.9	1281.5	1504.5	1658.4	1782.9	2171.8	3098.6	4217.2	4672.1
-25°	684.0	870.6	1057.8	1268.5	1495.8	1682.3	1786.3	1913.0	2718.4	3721.3	4516.0
-27.5°	661.1	841.4	1032.4	1241.0	1482.3	1678.0	1784.9	1904.5	2313.3	3111.4	4267.4
-30°	634.5	808.5	997.3	1201.1	1434.5	1632.8	1780.6	1879.5	2004.5	2633.1	3618.9
-32.5°	605.2	771.4	955.6	1155.9	1373.0	1582.4	1756.0	1859.6	1969.2	2184.4	2979.1
-35°	576.4	735.5	909.5	1103.8	1310.3	1513.9	1691.6	1838.7	1930.6	2051.6	2414.4
-37.5°	549.7	695.4	859.1	1047.0	1246.6	1428.8	1621.0	1780.4	1906.3	1994.1	2140.8
-40°	518.8	650.4	807.4	983.3	1162.7	1336.1	1518.9	1698.1	1852.8	1968.4	2055.9
-42.5°	484.0	609.9	751.8	908.1	1073.9	1238.9	1411.7	1589.3	1759.1	1911.5	2019.9
-45°	446.4	564.5	692.3	834.2	981.3	1138.6	1303.2	1471.2	1639.8	1807.7	1941.5
-47.5°	402.8	514.7	635.9	755.2	891.0	1035.5	1188.5	1346.4	1502.3	1664.4	1818.3
-50°	357.5	460.9	571.6	681.7	799.5	930.1	1070.2	1217.7	1365.6	1515.3	1663.6
-52.5°	316.3	402.2	504.2	608.0	712.1	823.8	950.6	1085.2	1224.6	1365.8	1495.6
-55°	272.4	349.7	433.5	530.7	628.4	725.5	828.5	950.4	1076.8	1207.7	1324.1
-57.5°	238.6	296.8	369.1	449.4	540.3	632.3	722.6	814.1	927.0	1043.5	1141.3
-60°	210.6	252.6	307.9	375.8	448.1	533.1	618.1	703.1	790.4	873.8	964.2
-62.5°	184.9	219.1	258.1	305.5	368.3	433.9	509.4	587.6	667.6	739.5	805.9
-65°	173.8	190.2	219.5	254.9	290.9	347.0	407.4	469.0	538.5	602.1	662.0
-67.5°	162.1	177.3	192.5	211.2	243.5	276.7	310.1	364.5	418.8	468.1	516.9
-70°	152.7	164.4	177.9	191.5	205.5	224.6	254.3	285.1	315.8	349.8	391.1
-72.5°	143.6	154.1	164.8	175.4	187.8	201.0	214.6	228.6	249.9	276.0	299.6
-75°	134.7	143.4	153.1	162.8	172.7	182.7	193.7	206.6	219.3	232.0	244.0
-77.5°	126.2	134.2	142.2	150.4	159.0	167.9	177.6	187.7	198.2	208.6	217.8
-80°	117.3	124.8	131.7	138.7	146.3	154.0	162.1	170.4	179.6	189.2	197.5
-82.5°	107.6	113.9	120.1	126.4	133.4	140.4	147.4	154.3	161.9	169.7	176.5
-85°	98.4	102.8	108.2	113.6	119.9	126.2	132.1	138.0	144.6	151.1	156.5
-87.5°	91.9	96.3	100.5	104.8	109.8	114.8	119.7	124.5	129.9	135.4	139.6
-90°	4.3	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.3	2.8	2.8



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	132.2	135.0	137.8	139.3	140.7	143.5	146.3	150.6	154.8	159.6	164.3
87.5°	2.8	2.8	2.8	2.7	2.7	2.3	1.9	1.9	1.9	1.9	1.9
85°	3.4	3.5	3.5	3.2	2.8	2.7	2.7	2.7	2.7	2.3	1.9
82.5°	3.8	3.8	3.8	3.6	3.5	3.2	2.8	2.8	2.8	2.8	2.8
80°	4.1	4.0	3.8	3.8	3.8	3.7	3.6	3.2	2.8	3.2	3.7
77.5°	4.7	4.4	4.2	4.0	3.9	3.6	3.2	2.9	2.8	2.9	2.9
75°	4.9	5.0	5.6	5.8	5.6	5.1	4.3	4.2	4.3	4.1	3.8
72.5°	9.6	10.1	10.4	11.3	11.8	12.3	13.4	15.2	17.3	19.3	21.3
70°	19.3	22.0	22.6	22.7	22.6	23.3	24.3	25.4	26.9	28.2	29.2
67.5°	29.7	32.1	32.4	32.9	32.1	30.8	29.5	29.4	31.1	33.1	35.3
65°	36.2	33.8	32.1	31.7	31.1	29.6	27.1	25.3	24.8	24.5	24.5
62.5°	32.6	27.8	26.2	25.9	24.4	22.6	19.3	16.5	15.1	14.3	14.4
60°	28.3	22.7	19.3	17.8	15.5	13.2	11.2	9.1	8.5	8.2	8.4
57.5°	23.2	17.3	13.3	12.7	11.0	8.7	7.2	5.7	5.4	5.4	5.8
55°	21.3	18.2	15.2	14.2	12.2	11.2	9.6	7.6	7.1	7.6	8.4
52.5°	27.7	26.0	24.5	24.6	27.1	25.2	18.7	26.3	30.6	30.6	29.2
50°	60.6	54.5	77.8	74.9	93.6	106.0	96.3	108.1	125.0	136.9	145.2
47.5°	173.0	179.4	207.2	231.4	250.9	272.7	294.8	308.1	311.5	333.6	348.7
45°	348.4	369.4	400.4	416.0	446.6	482.9	508.3	519.7	586.5	669.5	723.1
42.5°	505.7	521.9	546.2	601.5	657.5	781.7	924.1	929.1	1057.7	1171.6	1288.2
40°	615.7	646.1	732.7	863.9	1166.7	1403.0	1571.2	1736.0	1763.4	1709.9	1739.1
37.5°	758.1	866.5	1086.2	1440.2	1702.2	1939.5	2035.0	2047.4	2080.7	2101.7	2068.4
35°	1026.4	1387.9	1570.1	1871.0	2061.6	2107.8	2136.7	2165.2	2192.5	2211.1	2231.4
32.5°	1614.1	2061.8	2085.9	2163.3	2198.8	2239.9	2270.6	2288.4	2300.8	2317.1	2372.4
30°	2245.9	2350.2	2358.8	2352.7	2364.9	2392.6	2412.6	2445.2	2477.8	2515.2	2637.7
27.5°	2540.9	2620.7	2595.9	2553.3	2532.1	2554.1	2608.7	2659.4	2753.9	2853.3	3029.2
25°	2867.4	2920.4	2890.0	2814.3	2766.9	2798.2	2880.1	2976.9	3157.5	3316.8	3640.5
22.5°	3217.1	3315.5	3283.7	3261.2	3161.3	3176.2	3240.9	3459.3	3911.2	4626.6	6112.1
20°	3488.3	3608.6	3623.8	3624.3	3603.3	3609.5	3759.6	4464.0	5785.1	9936.7	13617.1
17.5°	3689.4	3759.9	3844.6	3879.4	3920.5	4040.7	4841.6	7278.2	12983.6	20619.5	26466.6
15°	3950.0	4040.2	4132.0	4190.0	4283.1	4943.7	6991.9	14475.5	24850.6	37810.6	54375.8
12.5°	4158.6	4269.9	4342.7	4388.7	4603.2	6341.1	13467.2	24240.6	40428.2	60538.9	90372.3
10°	4274.1	4360.8	4460.1	4619.6	5494.1	9197.9	18991.5	34064.2	58948.0	95172.6	134907.9
7.5°	4331.6	4443.8	4609.9	4852.1	6502.9	13427.4	26420.7	48081.6	82069.4	127176.0	182541.3
5°	4398.5	4605.9	4803.7	5081.0	7286.1	16481.2	32326.3	60037.0	102228.7	157408.0	225784.3
2.5°	4506.6	4818.6	4946.0	5212.4	7758.1	18447.1	35847.8	69387.8	117282.2	182078.2	258847.0
0°	4676.9	4936.5	5013.0	5281.1	8233.2	19419.4	37916.4	71951.8	123987.7	191685.6	271868.7
-2.5°	4869.4	5031.6	5116.3	5415.1	8471.6	20411.3	39543.9	73674.6	122390.8	188485.2	266976.5
-5°	4995.0	5123.8	5205.9	5498.0	8445.5	19419.4	37725.5	68609.2	113054.3	172170.3	242347.1
-7.5°	5080.5	5214.5	5300.5	5568.2	7946.3	16782.3	33321.0	59140.3	96076.6	144559.4	205174.5
-10°	5164.0	5310.4	5423.0	5634.5	7033.0	12811.5	26153.3	44617.0	75137.9	113713.4	159033.6
-12.5°	5239.3	5420.2	5565.1	5662.4	6175.2	9744.6	19219.5	34127.1	54083.6	82879.6	116043.6
-15°	5277.4	5493.7	5656.0	5763.3	6060.7	7705.2	12445.6	22582.5	37758.9	55620.5	77200.4
-17.5°	5211.8	5534.4	5690.5	5808.7	5906.5	6329.1	8779.0	13862.0	23341.0	35041.7	45583.4
-20°	5107.4	5538.9	5715.7	5874.8	5986.0	6101.1	6413.2	8827.8	12684.0	19862.4	26888.3



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5019.1	5420.3	5789.3	5961.3	6089.1	6097.6	6107.2	6397.8	7903.5	10322.0	14038.7
-25°	4957.8	5337.5	5766.9	6033.1	6121.7	6124.9	6076.6	6022.6	6193.3	6364.9	7722.9
-27.5°	4854.2	5266.1	5669.6	5994.4	6125.7	6121.2	6084.5	6048.5	5989.3	5950.7	6097.2
-30°	4727.5	5141.4	5517.1	5843.7	6038.2	6098.0	6073.0	6046.2	6027.9	6015.1	5988.8
-32.5°	4052.2	4988.2	5304.7	5601.0	5878.7	6000.4	6054.5	6041.9	6025.5	6018.4	6023.1
-35°	3310.0	4276.3	5098.1	5309.3	5550.3	5792.3	5963.1	6001.7	6018.8	6015.8	6023.3
-37.5°	2538.0	3408.5	4215.9	4890.9	5181.0	5432.6	5680.8	5845.2	5943.9	5961.0	5984.2
-40°	2187.3	2433.5	3198.4	3876.8	4441.1	4960.6	5223.5	5507.7	5729.4	5818.6	5865.5
-42.5°	2094.6	2192.4	2292.9	2790.4	3374.7	3870.0	4360.7	4848.5	5253.3	5482.3	5631.3
-45°	2054.2	2108.8	2166.7	2246.9	2318.6	2736.9	3187.5	3662.8	4194.8	4592.2	4962.4
-47.5°	1936.6	2046.4	2101.8	2135.8	2161.1	2216.3	2265.7	2399.6	2842.4	3190.6	3576.9
-50°	1781.1	1892.7	1983.2	2063.7	2091.3	2104.0	2118.8	2163.4	2234.1	2285.5	2363.3
-52.5°	1601.0	1705.8	1806.6	1892.8	1954.4	2007.4	2058.0	2093.2	2121.8	2151.5	2179.6
-55°	1428.9	1518.1	1604.5	1685.5	1758.9	1820.0	1880.3	1937.5	1991.3	2041.8	2089.0
-57.5°	1240.1	1329.2	1408.7	1481.3	1543.9	1594.8	1654.3	1717.5	1776.6	1829.1	1880.2
-60°	1049.5	1130.6	1206.6	1275.3	1332.6	1377.7	1435.4	1492.0	1546.1	1595.0	1637.9
-62.5°	870.3	939.6	1005.1	1065.7	1119.9	1168.2	1216.7	1265.2	1316.3	1362.1	1402.5
-65°	718.9	774.2	820.7	863.9	900.4	944.2	990.7	1034.2	1079.2	1121.5	1160.2
-67.5°	566.8	613.6	652.7	690.1	720.5	751.2	785.9	819.0	850.8	883.7	915.9
-70°	427.7	460.7	485.3	511.0	541.0	569.0	597.0	625.0	651.5	680.4	710.2
-72.5°	319.2	335.2	351.4	372.2	390.1	410.4	430.5	452.1	473.9	495.0	514.6
-75°	255.5	265.7	278.0	288.1	295.8	305.7	316.9	330.4	344.1	357.7	370.5
-77.5°	227.3	234.3	239.9	244.3	248.1	253.1	258.3	267.8	278.0	289.3	300.8
-80°	205.5	210.0	213.9	217.1	219.9	224.2	228.4	236.6	245.4	253.9	262.1
-82.5°	183.3	187.1	190.3	193.1	195.7	199.7	203.6	210.3	217.0	225.2	233.5
-85°	161.8	165.2	168.3	170.8	173.2	176.3	179.4	185.5	191.7	198.3	204.9
-87.5°	143.7	146.5	149.3	151.4	153.5	156.1	158.7	163.6	168.5	173.8	179.2
-90°	2.8	2.8	2.8	2.4	1.9	1.9	1.9	1.9	1.9	1.4	0.9



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	164.8	165.2	165.2	165.2	165.2	165.2	164.8	164.3	159.6	154.8	150.6
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.3	2.7	2.7
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
80°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.2	2.8	3.2
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.8	2.9
75°	3.3	2.8	2.8	2.8	2.8	2.8	3.3	3.8	4.1	4.3	4.2
72.5°	23.1	24.8	25.8	26.4	25.8	24.8	23.1	21.3	19.3	17.3	15.2
70°	29.8	30.0	30.2	30.2	30.2	30.0	29.8	29.2	28.2	26.9	25.4
67.5°	36.6	37.4	37.7	37.8	37.7	37.4	36.6	35.3	33.1	31.1	29.4
65°	23.4	21.7	20.1	18.9	20.1	21.7	23.4	24.5	24.5	24.8	25.3
62.5°	14.1	13.6	13.3	13.2	13.3	13.6	14.1	14.4	14.3	15.1	16.5
60°	8.4	8.6	8.2	7.6	8.2	8.6	8.4	8.4	8.2	8.5	9.1
57.5°	6.1	6.5	7.0	7.6	7.0	6.5	6.1	5.8	5.4	5.4	5.7
55°	9.1	10.0	10.7	11.3	10.7	10.0	9.1	8.4	7.6	7.1	7.6
52.5°	26.4	23.7	22.8	23.6	22.8	23.7	26.4	29.2	30.6	30.6	26.3
50°	149.4	152.5	156.2	160.5	156.2	152.5	149.4	145.2	136.9	125.0	108.1
47.5°	353.0	346.3	340.1	338.0	340.1	346.3	353.0	348.7	333.6	311.5	308.1
45°	669.2	620.0	594.9	609.9	594.9	620.0	669.2	723.1	669.5	586.5	519.7
42.5°	1350.8	1423.6	1480.6	1507.7	1480.6	1423.6	1350.8	1288.2	1171.6	1057.7	929.1
40°	1693.4	1666.0	1680.7	1703.1	1680.7	1666.0	1693.4	1739.1	1709.9	1763.4	1736.0
37.5°	2084.7	2093.8	2027.9	1920.2	2027.9	2093.8	2084.7	2068.4	2101.7	2080.7	2047.4
35°	2274.4	2391.8	2611.4	2664.1	2611.4	2391.8	2274.4	2231.4	2211.1	2192.5	2165.2
32.5°	2512.0	2633.8	2671.2	2685.9	2671.2	2633.8	2512.0	2372.4	2317.1	2300.8	2288.4
30°	2795.9	2850.9	2837.0	2857.7	2837.0	2850.9	2795.9	2637.7	2515.2	2477.8	2445.2
27.5°	3106.9	3139.1	3128.6	3156.0	3128.6	3139.1	3106.9	3029.2	2853.3	2753.9	2659.4
25°	3909.9	4163.5	4150.3	4209.6	4150.3	4163.5	3909.9	3640.5	3316.8	3157.5	2976.9
22.5°	7920.4	8817.1	9354.2	9874.0	9354.2	8817.1	7920.4	6112.1	4626.6	3911.2	3459.3
20°	17697.0	20281.5	20844.1	20639.1	20844.1	20281.5	17697.0	13617.1	9936.7	5785.1	4464.0
17.5°	37987.3	48299.1	53835.9	54451.7	53835.9	48299.1	37987.3	26466.6	20619.5	12983.6	7278.2
15°	71489.6	89512.3	99745.2	100820.4	99745.2	89512.3	71489.6	54375.8	37810.6	24850.6	14475.5
12.5°	116868.3	145569.5	166639.6	168990.3	166639.6	145569.5	116868.3	90372.3	60538.9	40428.2	24240.6
10°	179026.6	217830.5	248515.2	255990.5	248515.2	217830.5	179026.6	134907.9	95172.6	58948.0	34064.2
7.5°	241066.7	285349.9	321463.8	329960.8	321463.8	285349.9	241066.7	182541.3	127176.0	82069.4	48081.6
5°	289565.6	346225.0	375044.5	384566.3	375044.5	346225.0	289565.6	225784.3	157408.0	102228.7	60037.0
2.5°	326533.7	380033.8	413867.0	427748.3	413867.0	380033.8	326533.7	258847.0	182078.2	117282.2	69387.8
0°	340804.2	392699.4	435784.2	462576.2	435784.2	392699.4	340804.2	271868.7	191685.6	123987.7	71951.8
-2.5°	335210.4	385176.5	421793.4	439172.9	421793.4	385176.5	335210.4	266976.5	188485.2	122390.8	73674.6
-5°	306931.9	357356.7	385667.9	394635.7	385667.9	357356.7	306931.9	242347.1	172170.3	113054.3	68609.2
-7.5°	259543.3	303928.4	337497.9	343515.2	337497.9	303928.4	259543.3	205174.5	144559.4	96076.6	59140.3
-10°	205703.8	244126.9	269735.9	274580.1	269735.9	244126.9	205703.8	159033.6	113713.4	75137.9	44617.0
-12.5°	145813.3	179563.9	199811.2	203547.3	199811.2	179563.9	145813.3	116043.6	82879.6	54083.6	34127.1
-15°	99087.5	120110.0	132381.7	133620.9	132381.7	120110.0	99087.5	77200.4	55620.5	37758.9	22582.5
-17.5°	61999.1	74503.9	82152.4	82223.2	82152.4	74503.9	61999.1	45583.4	35041.7	23341.0	13862.0
-20°	35893.8	41861.0	46140.2	46122.2	46140.2	41861.0	35893.8	26888.3	19862.4	12684.0	8827.8



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18701.1	22247.7	24827.9	24709.9	24827.9	22247.7	18701.1	14038.7	10322.0	7903.5	6397.8
-25°	9183.1	10540.9	11444.6	11374.1	11444.6	10540.9	9183.1	7722.9	6364.9	6193.3	6022.6
-27.5°	6223.4	6372.7	6475.9	6486.7	6475.9	6372.7	6223.4	6097.2	5950.7	5989.3	6048.5
-30°	5978.7	6012.8	6048.8	6058.1	6048.8	6012.8	5978.7	5988.8	6015.1	6027.9	6046.2
-32.5°	6037.8	6064.4	6103.9	6128.9	6103.9	6064.4	6037.8	6023.1	6018.4	6025.5	6041.9
-35°	6042.1	6073.0	6118.7	6139.2	6118.7	6073.0	6042.1	6023.3	6015.8	6018.8	6001.7
-37.5°	6013.9	6051.8	6091.0	6109.0	6091.0	6051.8	6013.9	5984.2	5961.0	5943.9	5845.2
-40°	5907.2	5945.9	5974.6	5976.9	5974.6	5945.9	5907.2	5865.5	5818.6	5729.4	5507.7
-42.5°	5730.6	5778.5	5800.5	5796.6	5800.5	5778.5	5730.6	5631.3	5482.3	5253.3	4848.5
-45°	5313.4	5483.2	5566.5	5587.0	5566.5	5483.2	5313.4	4962.4	4592.2	4194.8	3662.8
-47.5°	4024.6	4273.5	4433.0	4496.6	4433.0	4273.5	4024.6	3576.9	3190.6	2842.4	2399.6
-50°	2465.0	2488.1	2503.3	2511.2	2503.3	2488.1	2465.0	2363.3	2285.5	2234.1	2163.4
-52.5°	2203.1	2209.7	2213.3	2213.8	2213.3	2209.7	2203.1	2179.6	2151.5	2121.8	2093.2
-55°	2123.0	2136.3	2144.7	2146.8	2144.7	2136.3	2123.0	2089.0	2041.8	1991.3	1937.5
-57.5°	1914.0	1921.6	1930.0	1935.3	1930.0	1921.6	1914.0	1880.2	1829.1	1776.6	1717.5
-60°	1663.6	1670.5	1671.9	1667.2	1671.9	1670.5	1663.6	1637.9	1595.0	1546.1	1492.0
-62.5°	1424.5	1430.9	1437.3	1439.7	1437.3	1430.9	1424.5	1402.5	1362.1	1316.3	1265.2
-65°	1178.2	1181.4	1182.9	1180.1	1182.9	1181.4	1178.2	1160.2	1121.5	1079.2	1034.2
-67.5°	931.0	937.4	946.4	952.6	946.4	937.4	931.0	915.9	883.7	850.8	819.0
-70°	717.1	714.3	720.4	725.0	720.4	714.3	717.1	710.2	680.4	651.5	625.0
-72.5°	517.1	513.9	511.8	507.9	511.8	513.9	517.1	514.6	495.0	473.9	452.1
-75°	369.8	366.0	365.5	364.4	365.5	366.0	369.8	370.5	357.7	344.1	330.4
-77.5°	301.0	299.6	297.7	295.5	297.7	299.6	301.0	300.8	289.3	278.0	267.8
-80°	262.9	263.0	261.9	260.6	261.9	263.0	262.9	262.1	253.9	245.4	236.6
-82.5°	233.9	233.8	233.1	232.2	233.1	233.8	233.9	233.5	225.2	217.0	210.3
-85°	205.4	205.6	204.8	203.9	204.8	205.6	205.4	204.9	198.3	191.7	185.5
-87.5°	179.7	180.2	179.8	179.4	179.8	180.2	179.7	179.2	173.8	168.5	163.6
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.9	1.9



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	146.3	143.5	140.7	139.3	137.8	135.0	132.2	128.4	124.6	119.9	115.2
87.5°	1.9	2.3	2.7	2.7	2.8	2.8	2.8	2.8	2.8	3.3	3.8
85°	2.7	2.7	2.8	3.2	3.5	3.5	3.4	3.4	3.3	3.5	3.8
82.5°	2.8	3.2	3.5	3.6	3.8	3.8	3.8	4.0	4.1	4.0	3.9
80°	3.6	3.7	3.8	3.8	3.8	4.0	4.1	4.4	4.7	4.6	4.6
77.5°	3.2	3.6	3.9	4.0	4.2	4.4	4.7	4.7	4.8	5.1	5.2
75°	4.3	5.1	5.6	5.8	5.6	5.0	4.9	5.2	5.4	5.5	5.7
72.5°	13.4	12.3	11.8	11.3	10.4	10.1	9.6	8.9	7.9	6.6	5.7
70°	24.3	23.3	22.6	22.7	22.6	22.0	19.3	16.2	13.7	11.9	9.6
67.5°	29.5	30.8	32.1	32.9	32.4	32.1	29.7	26.4	25.3	23.0	16.7
65°	27.1	29.6	31.1	31.7	32.1	33.8	36.2	35.5	37.0	35.6	27.7
62.5°	19.3	22.6	24.4	25.9	26.2	27.8	32.6	37.6	45.1	47.2	38.3
60°	11.2	13.2	15.5	17.8	19.3	22.7	28.3	36.5	47.0	46.4	42.6
57.5°	7.2	8.7	11.0	12.7	13.3	17.3	23.2	33.5	44.1	43.8	38.5
55°	9.6	11.2	12.2	14.2	15.2	18.2	21.3	29.8	39.8	43.1	41.3
52.5°	18.7	25.2	27.1	24.6	24.5	26.0	27.7	34.5	40.5	45.4	47.1
50°	96.3	106.0	93.6	74.9	77.8	54.5	60.6	59.2	56.6	59.2	57.5
47.5°	294.8	272.7	250.9	231.4	207.2	179.4	173.0	133.7	129.9	96.6	96.3
45°	508.3	482.9	446.6	416.0	400.4	369.4	348.4	318.5	258.9	231.2	160.6
42.5°	924.1	781.7	657.5	601.5	546.2	521.9	505.7	486.1	454.3	398.2	333.1
40°	1571.2	1403.0	1166.7	863.9	732.7	646.1	615.7	609.0	593.0	562.7	493.8
37.5°	2035.0	1939.5	1702.2	1440.2	1086.2	866.5	758.1	699.2	695.5	679.5	633.7
35°	2136.7	2107.8	2061.6	1871.0	1570.1	1387.9	1026.4	849.6	778.8	766.0	750.7
32.5°	2270.6	2239.9	2198.8	2163.3	2085.9	2061.8	1614.1	1122.0	891.3	844.5	820.0
30°	2412.6	2392.6	2364.9	2352.7	2358.8	2350.2	2245.9	1620.4	1141.2	920.5	892.6
27.5°	2608.7	2554.1	2532.1	2553.3	2595.9	2620.7	2540.9	2231.8	1494.0	1128.2	965.3
25°	2880.1	2798.2	2766.9	2814.3	2890.0	2920.4	2867.4	2664.3	2152.7	1405.7	1041.3
22.5°	3240.9	3176.2	3161.3	3261.2	3283.7	3315.5	3217.1	3095.3	2820.1	1824.6	1272.7
20°	3759.6	3609.5	3603.3	3624.3	3623.8	3608.6	3488.3	3378.5	3077.0	2363.5	1532.2
17.5°	4841.6	4040.7	3920.5	3879.4	3844.6	3759.9	3689.4	3519.9	3301.9	2818.4	1783.8
15°	6991.9	4943.7	4283.1	4190.0	4132.0	4040.2	3950.0	3754.4	3549.0	3100.3	2144.5
12.5°	13467.2	6341.1	4603.2	4388.7	4342.7	4269.9	4158.6	4063.6	3791.7	3355.0	2517.2
10°	18991.5	9197.9	5494.1	4619.6	4460.1	4360.8	4274.1	4177.9	3950.0	3584.9	2881.7
7.5°	26420.7	13427.4	6502.9	4852.1	4609.9	4443.8	4331.6	4235.8	4050.5	3682.8	3123.4
5°	32326.3	16481.2	7286.1	5081.0	4803.7	4605.9	4398.5	4296.3	4112.5	3720.0	3282.8
2.5°	35847.8	18447.1	7758.1	5212.4	4946.0	4818.6	4506.6	4355.8	4136.3	3745.3	3383.9
0°	37916.4	19419.4	8233.2	5281.1	5013.0	4936.5	4676.9	4411.6	4127.4	3753.6	3432.6
-2.5°	39543.9	20411.3	8471.6	5415.1	5116.3	5031.6	4869.4	4627.4	4175.1	3763.9	3461.3
-5°	37725.5	19419.4	8445.5	5498.0	5205.9	5123.8	4995.0	4768.4	4247.6	3786.7	3440.4
-7.5°	33321.0	16782.3	7946.3	5568.2	5300.5	5214.5	5080.5	4856.9	4396.6	3903.0	3392.0
-10°	26153.3	12811.5	7033.0	5634.5	5423.0	5310.4	5164.0	4882.5	4459.0	3994.9	3290.2
-12.5°	19219.5	9744.6	6175.2	5662.4	5565.1	5420.2	5239.3	4873.2	4497.5	4118.4	3222.9
-15°	12445.6	7705.2	6060.7	5763.3	5656.0	5493.7	5277.4	4848.1	4506.1	4193.6	3063.9
-17.5°	8779.0	6329.1	5906.5	5808.7	5690.5	5534.4	5211.8	4818.5	4467.9	3978.5	2736.8
-20°	6413.2	6101.1	5986.0	5874.8	5715.7	5538.9	5107.4	4762.6	4366.9	3535.9	2450.4



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6107.2	6097.6	6089.1	5961.3	5789.3	5420.3	5019.1	4672.1	4217.2	3098.6	2171.8
-25°	6076.6	6124.9	6121.7	6033.1	5766.9	5337.5	4957.8	4516.0	3721.3	2718.4	1913.0
-27.5°	6084.5	6121.2	6125.7	5994.4	5669.6	5266.1	4854.2	4267.4	3111.4	2313.3	1904.5
-30°	6073.0	6098.0	6038.2	5843.7	5517.1	5141.4	4727.5	3618.9	2633.1	2004.5	1879.5
-32.5°	6054.5	6000.4	5878.7	5601.0	5304.7	4988.2	4052.2	2979.1	2184.4	1969.2	1859.6
-35°	5963.1	5792.3	5550.3	5309.3	5098.1	4276.3	3310.0	2414.4	2051.6	1930.6	1838.7
-37.5°	5680.8	5432.6	5181.0	4890.9	4215.9	3408.5	2538.0	2140.8	1994.1	1906.3	1780.4
-40°	5223.5	4960.6	4441.1	3876.8	3198.4	2433.5	2187.3	2055.9	1968.4	1852.8	1698.1
-42.5°	4360.7	3870.0	3374.7	2790.4	2292.9	2192.4	2094.6	2019.9	1911.5	1759.1	1589.3
-45°	3187.5	2736.9	2318.6	2246.9	2166.7	2108.8	2054.2	1941.5	1807.7	1639.8	1471.2
-47.5°	2265.7	2216.3	2161.1	2135.8	2101.8	2046.4	1936.6	1818.3	1664.4	1502.3	1346.4
-50°	2118.8	2104.0	2091.3	2063.7	1983.2	1892.7	1781.1	1663.6	1515.3	1365.6	1217.7
-52.5°	2058.0	2007.4	1954.4	1892.8	1806.6	1705.8	1601.0	1495.6	1365.8	1224.6	1085.2
-55°	1880.3	1820.0	1758.9	1685.5	1604.5	1518.1	1428.9	1324.1	1207.7	1076.8	950.4
-57.5°	1654.3	1594.8	1543.9	1481.3	1408.7	1329.2	1240.1	1141.3	1043.5	927.0	814.1
-60°	1435.4	1377.7	1332.6	1275.3	1206.6	1130.6	1049.5	964.2	873.8	790.4	703.1
-62.5°	1216.7	1168.2	1119.9	1065.7	1005.1	939.6	870.3	805.9	739.5	667.6	587.6
-65°	990.7	944.2	900.4	863.9	820.7	774.2	718.9	662.0	602.1	538.5	469.0
-67.5°	785.9	751.2	720.5	690.1	652.7	613.6	566.8	516.9	468.1	418.8	364.5
-70°	597.0	569.0	541.0	511.0	485.3	460.7	427.7	391.1	349.8	315.8	285.1
-72.5°	430.5	410.4	390.1	372.2	351.4	335.2	319.2	299.6	276.0	249.9	228.6
-75°	316.9	305.7	295.8	288.1	278.0	265.7	255.5	244.0	232.0	219.3	206.6
-77.5°	258.3	253.1	248.1	244.3	239.9	234.3	227.3	217.8	208.6	198.2	187.7
-80°	228.4	224.2	219.9	217.1	213.9	210.0	205.5	197.5	189.2	179.6	170.4
-82.5°	203.6	199.7	195.7	193.1	190.3	187.1	183.3	176.5	169.7	161.9	154.3
-85°	179.4	176.3	173.2	170.8	168.3	165.2	161.8	156.5	151.1	144.6	138.0
-87.5°	158.7	156.1	153.5	151.4	149.3	146.5	143.7	139.6	135.4	129.9	124.5
-90°	1.9	1.9	1.9	2.4	2.8	2.8	2.8	2.8	2.8	3.3	3.8



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	110.5	105.7	101.5	97.2	93.5	89.7	85.5	81.2	75.6	69.9	62.8
87.5°	3.8	3.8	4.1	4.3	4.3	4.3	4.5	4.7	4.7	4.7	4.9
85°	4.0	4.1	4.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7	5.0
82.5°	4.3	4.6	4.6	4.7	5.0	5.2	5.1	5.0	4.9	4.8	5.2
80°	4.6	4.7	4.9	5.0	5.3	5.7	5.5	5.4	5.5	5.4	5.5
77.5°	5.1	5.0	5.3	5.6	5.6	5.8	5.9	5.9	6.1	6.1	5.9
75°	5.7	5.6	5.6	5.8	5.8	5.8	6.1	6.3	6.5	6.6	6.3
72.5°	5.7	5.8	5.9	5.9	6.2	6.3	6.5	6.7	6.9	7.0	6.7
70°	7.5	6.3	6.3	6.5	6.7	6.8	7.0	7.3	7.4	7.4	7.2
67.5°	10.5	8.8	7.7	7.2	7.3	7.5	7.6	7.9	8.0	7.9	7.7
65°	20.4	14.1	9.3	8.8	8.3	8.3	8.4	8.7	8.7	8.8	8.2
62.5°	29.9	22.0	16.1	11.9	10.3	10.5	9.5	10.2	9.7	9.9	9.2
60°	39.1	30.3	23.7	18.8	15.2	13.7	13.0	11.9	11.7	11.1	10.5
57.5°	38.4	37.0	33.4	26.9	23.1	19.5	17.6	15.8	14.1	13.4	12.0
55°	37.8	37.8	41.8	37.7	33.2	27.8	24.4	21.2	17.5	16.2	13.7
52.5°	44.0	44.9	48.3	50.5	47.1	38.7	35.1	27.1	24.1	19.2	16.7
50°	54.7	59.5	60.2	65.5	62.7	57.1	47.0	38.8	31.3	23.5	19.9
47.5°	82.8	87.4	82.8	87.1	83.0	78.5	66.2	52.7	39.0	30.8	23.2
45°	158.8	132.6	128.3	121.0	111.4	106.1	89.5	67.9	53.0	38.8	26.7
42.5°	264.9	227.7	206.5	162.0	157.2	138.4	116.9	92.4	68.0	47.3	32.6
40°	413.9	358.4	308.6	258.1	214.2	174.9	151.8	120.1	84.1	58.3	40.4
37.5°	558.4	492.6	435.4	360.2	286.8	234.5	190.3	149.8	104.8	73.9	48.4
35°	678.8	617.3	540.5	459.9	382.8	295.2	231.4	183.1	132.6	90.3	56.7
32.5°	777.6	715.3	627.3	545.8	459.2	355.9	281.6	218.4	160.7	107.4	65.3
30°	851.3	792.0	708.4	613.2	521.3	419.1	331.9	252.0	189.2	125.2	75.3
27.5°	927.7	870.8	786.8	681.8	574.9	473.4	373.2	283.9	217.9	143.4	88.4
25°	1004.1	945.7	868.0	757.5	628.6	516.0	410.7	314.1	245.1	162.5	100.8
22.5°	1070.9	1014.8	948.8	837.5	689.3	557.3	445.9	346.9	263.5	180.2	112.4
20°	1132.3	1073.5	1024.5	905.3	755.2	606.8	480.2	372.4	280.6	196.3	123.3
17.5°	1220.1	1125.7	1064.0	957.4	817.4	657.7	515.8	396.5	296.3	210.8	133.4
15°	1420.7	1176.9	1102.9	1003.3	868.0	705.7	551.4	419.7	310.6	223.9	142.3
12.5°	1604.3	1225.4	1143.6	1042.6	906.1	747.7	586.4	441.7	323.4	236.1	149.9
10°	1789.8	1272.5	1183.5	1080.6	938.7	784.0	620.0	464.3	339.2	247.8	156.6
7.5°	1993.1	1318.8	1220.7	1117.1	966.9	813.6	649.3	490.1	354.5	258.3	162.5
5°	2177.9	1361.3	1259.4	1157.7	995.4	837.0	674.4	513.7	368.6	267.4	167.5
2.5°	2307.3	1397.4	1297.4	1195.8	1020.0	855.8	695.5	534.9	381.1	275.2	171.6
0°	2403.6	1429.3	1332.1	1229.2	1040.4	870.4	712.8	553.2	391.8	281.3	174.7
-2.5°	2399.6	1456.1	1360.5	1261.4	1078.1	891.7	724.0	562.8	403.1	289.9	181.1
-5°	2358.6	1479.7	1386.2	1288.7	1109.8	908.3	731.5	569.3	412.3	296.7	186.4
-7.5°	2307.8	1506.1	1410.5	1310.6	1134.1	919.5	735.3	572.8	419.3	301.7	190.5
-10°	2224.2	1532.1	1433.0	1321.2	1139.0	926.1	736.5	573.4	424.0	304.6	193.3
-12.5°	2121.0	1555.8	1452.2	1325.5	1136.4	929.3	741.4	572.7	425.8	305.6	194.8
-15°	1983.6	1587.6	1475.7	1324.3	1128.8	928.1	740.9	568.7	422.4	303.3	194.8
-17.5°	1789.9	1611.4	1498.0	1319.8	1117.2	922.8	734.7	560.3	416.5	297.7	192.8
-20°	1766.8	1633.4	1510.3	1305.5	1100.9	911.2	722.4	547.2	408.0	290.2	189.2



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1782.9	1658.4	1504.5	1281.5	1080.9	894.3	704.7	529.7	397.0	280.8	184.3
-25°	1786.3	1682.3	1495.8	1268.5	1057.8	870.6	684.0	512.6	383.3	269.6	178.1
-27.5°	1784.9	1678.0	1482.3	1241.0	1032.4	841.4	661.1	500.5	372.1	256.5	170.7
-30°	1780.6	1632.8	1434.5	1201.1	997.3	808.5	634.5	485.5	359.6	246.0	162.0
-32.5°	1756.0	1582.4	1373.0	1155.9	955.6	771.4	605.2	467.3	344.3	237.2	156.6
-35°	1691.6	1513.9	1310.3	1103.8	909.5	735.5	576.4	445.7	326.3	226.1	151.9
-37.5°	1621.0	1428.8	1246.6	1047.0	859.1	695.4	549.7	422.3	305.5	213.0	146.6
-40°	1518.9	1336.1	1162.7	983.3	807.4	650.4	518.8	396.0	286.7	197.6	140.0
-42.5°	1411.7	1238.9	1073.9	908.1	751.8	609.9	484.0	366.2	266.6	186.0	132.2
-45°	1303.2	1138.6	981.3	834.2	692.3	564.5	446.4	334.1	243.8	175.5	126.2
-47.5°	1188.5	1035.5	891.0	755.2	635.9	514.7	402.8	305.3	218.6	163.5	123.8
-50°	1070.2	930.1	799.5	681.7	571.6	460.9	357.5	273.4	203.0	149.9	121.0
-52.5°	950.6	823.8	712.1	608.0	504.2	402.2	316.3	239.4	185.8	142.8	117.6
-55°	828.5	725.5	628.4	530.7	433.5	349.7	272.4	216.7	167.1	138.3	114.1
-57.5°	722.6	632.3	540.3	449.4	369.1	296.8	238.6	192.7	158.1	133.3	111.8
-60°	618.1	533.1	448.1	375.8	307.9	252.6	210.6	173.1	151.5	128.2	109.2
-62.5°	509.4	433.9	368.3	305.5	258.1	219.1	184.9	164.2	144.1	124.5	106.2
-65°	407.4	347.0	290.9	254.9	219.5	190.2	173.8	154.8	138.0	120.3	102.8
-67.5°	310.1	276.7	243.5	211.2	192.5	177.3	162.1	147.0	132.1	115.8	99.3
-70°	254.3	224.6	205.5	191.5	177.9	164.4	152.7	139.7	125.8	111.4	95.6
-72.5°	214.6	201.0	187.8	175.4	164.8	154.1	143.6	132.3	119.9	106.7	91.6
-75°	193.7	182.7	172.7	162.8	153.1	143.4	134.7	125.1	113.7	101.8	87.4
-77.5°	177.6	167.9	159.0	150.4	142.2	134.2	126.2	117.7	107.2	96.4	83.1
-80°	162.1	154.0	146.3	138.7	131.7	124.8	117.3	109.7	100.3	90.7	78.5
-82.5°	147.4	140.4	133.4	126.4	120.1	113.9	107.6	101.4	93.1	84.9	74.2
-85°	132.1	126.2	119.9	113.6	108.2	102.8	98.4	93.8	86.9	80.0	70.5
-87.5°	119.7	114.8	109.8	104.8	100.5	96.3	91.9	87.5	81.3	75.0	66.7
-90°	3.8	3.8	3.8	3.8	3.8	3.8	4.3	4.7	4.7	4.7	4.7



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	55.7	46.2	36.8	25.9	15.1	9.9	4.7
87.5°	5.0	4.9	4.9	4.9	4.9	4.8	4.7
85°	5.2	5.1	5.0	5.1	5.0	4.9	4.7
82.5°	5.5	5.3	5.2	5.3	5.2	5.1	4.7
80°	5.7	5.6	5.4	5.5	5.4	5.2	4.7
77.5°	6.0	5.8	5.6	5.7	5.5	5.3	4.7
75°	6.2	6.1	5.8	5.9	5.7	5.4	4.7
72.5°	6.5	6.4	6.2	6.1	5.9	5.6	4.7
70°	6.8	6.8	6.5	6.3	6.1	5.7	4.7
67.5°	7.4	7.1	6.8	6.5	6.3	5.8	4.7
65°	8.0	7.6	7.2	6.8	6.5	5.9	4.7
62.5°	8.6	8.1	7.5	7.0	6.7	6.1	4.7
60°	9.2	8.7	7.8	7.3	6.9	6.2	4.7
57.5°	10.7	9.3	8.4	7.5	7.1	6.3	4.7
55°	12.5	9.9	9.1	7.8	7.4	6.4	4.7
52.5°	14.3	10.7	9.8	8.0	7.7	6.6	4.7
50°	16.4	12.7	10.6	8.2	8.0	6.7	4.7
47.5°	18.6	14.7	11.4	8.5	8.4	6.8	4.7
45°	21.6	16.9	12.2	9.2	8.7	6.9	4.7
42.5°	24.7	19.1	13.1	9.9	9.1	7.0	4.7
40°	27.9	21.3	14.5	10.8	9.5	7.1	4.7
37.5°	31.5	23.7	16.2	11.9	10.0	7.3	4.7
35°	35.1	26.4	18.0	13.1	10.4	7.4	4.7
32.5°	39.8	29.3	19.8	14.3	10.9	7.5	4.7
30°	46.8	32.1	21.6	15.5	11.3	7.6	4.7
27.5°	53.7	35.0	23.9	16.8	11.8	7.7	4.7
25°	60.5	37.9	26.2	18.0	12.3	7.8	4.7
22.5°	67.2	40.8	28.4	19.3	12.8	7.9	4.7
20°	73.6	43.8	30.5	20.6	13.3	8.0	4.7
17.5°	79.6	46.8	32.6	21.9	13.8	8.1	4.7
15°	84.9	49.6	34.6	23.2	14.3	8.1	4.7
12.5°	89.7	52.2	36.4	24.5	14.8	8.2	4.7
10°	94.1	54.8	38.2	25.7	15.3	8.3	4.7
7.5°	98.0	57.2	39.9	26.9	15.8	8.3	4.7
5°	101.4	59.4	41.5	28.1	16.2	8.4	4.7
2.5°	104.3	61.4	43.0	29.2	16.6	8.5	4.7
0°	106.7	63.3	44.4	30.2	17.0	8.5	4.7
-2.5°	110.1	65.9	46.3	31.5	17.9	8.9	4.7
-5°	113.0	68.4	48.2	32.8	18.8	9.2	4.7
-7.5°	115.3	70.6	49.9	34.0	19.6	9.6	4.7
-10°	117.1	72.6	51.4	35.0	20.3	9.9	4.7
-12.5°	118.3	74.4	52.8	36.0	21.1	10.2	4.7
-15°	118.9	75.9	54.1	37.0	21.7	10.5	4.7
-17.5°	118.9	77.2	55.3	37.8	22.4	10.8	4.7
-20°	118.4	78.3	56.2	38.5	22.9	11.1	4.7



REPORT NUMBER: P1306140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	117.5	79.1	57.1	39.2	23.5	11.4	4.7
-25°	115.8	79.8	57.7	39.7	23.9	11.6	4.7
-27.5°	113.5	80.3	58.2	40.2	24.3	11.8	4.7
-30°	110.5	80.5	58.6	40.5	24.6	12.0	4.7
-32.5°	106.8	80.5	59.0	40.8	24.9	12.2	4.7
-35°	105.3	80.3	59.3	41.0	25.1	12.3	4.7
-37.5°	104.7	80.0	59.4	41.0	25.2	12.5	4.7
-40°	103.8	79.9	59.4	41.0	25.3	12.6	4.7
-42.5°	102.5	79.7	59.4	41.0	25.2	12.7	4.7
-45°	100.9	79.3	59.3	40.9	25.2	12.7	4.7
-47.5°	98.9	78.7	59.1	40.8	25.0	12.7	4.7
-50°	97.6	77.8	58.7	40.6	24.8	12.8	4.7
-52.5°	96.2	76.8	58.2	40.3	24.5	12.7	4.7
-55°	94.6	75.8	57.5	39.9	24.1	12.7	4.7
-57.5°	92.7	74.5	56.7	39.3	23.7	12.6	4.7
-60°	90.6	73.0	55.7	38.7	23.2	12.5	4.7
-62.5°	88.3	71.3	54.6	37.9	22.8	12.4	4.7
-65°	85.8	69.4	53.4	37.1	22.4	12.3	4.7
-67.5°	83.0	67.4	52.0	36.1	21.9	12.1	4.7
-70°	80.0	65.2	50.5	35.1	21.3	11.9	4.7
-72.5°	76.9	62.8	48.8	34.2	20.7	11.7	4.7
-75°	73.7	60.3	47.0	33.2	20.0	11.5	4.7
-77.5°	70.3	57.6	45.5	32.2	19.3	11.3	4.7
-80°	66.7	55.3	43.9	31.1	18.5	11.0	4.7
-82.5°	64.0	53.2	42.3	29.9	17.7	10.8	4.7
-85°	61.3	51.0	40.6	28.7	16.9	10.5	4.7
-87.5°	58.6	48.7	38.7	27.3	16.0	10.2	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)