

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: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-2S-HEG-A**

Issue Date: 2/3/2026

Test Information

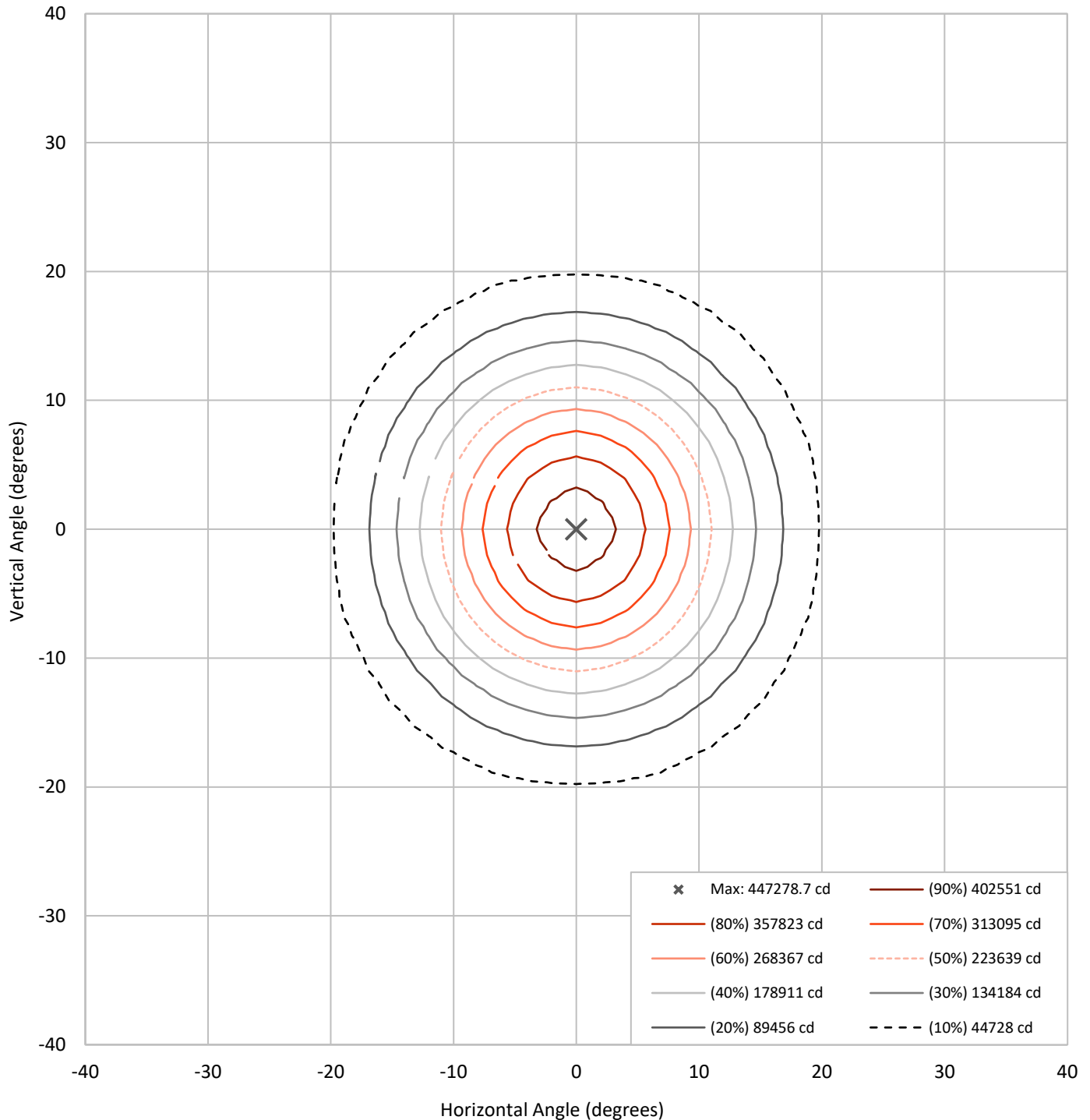
Test Method: LM-79-08
Report Number: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-2S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 2S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	80569 lumens	Max Intensity:	447278.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22°H x 22°V	Field Angle (10%):	39.6°H x 39.6°V
Beam Lumens:	35608.8 lumens	Field Lumens:	66134.1 lumens
Beam Efficiency:	44.2%	Field Efficiency:	82.1%
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





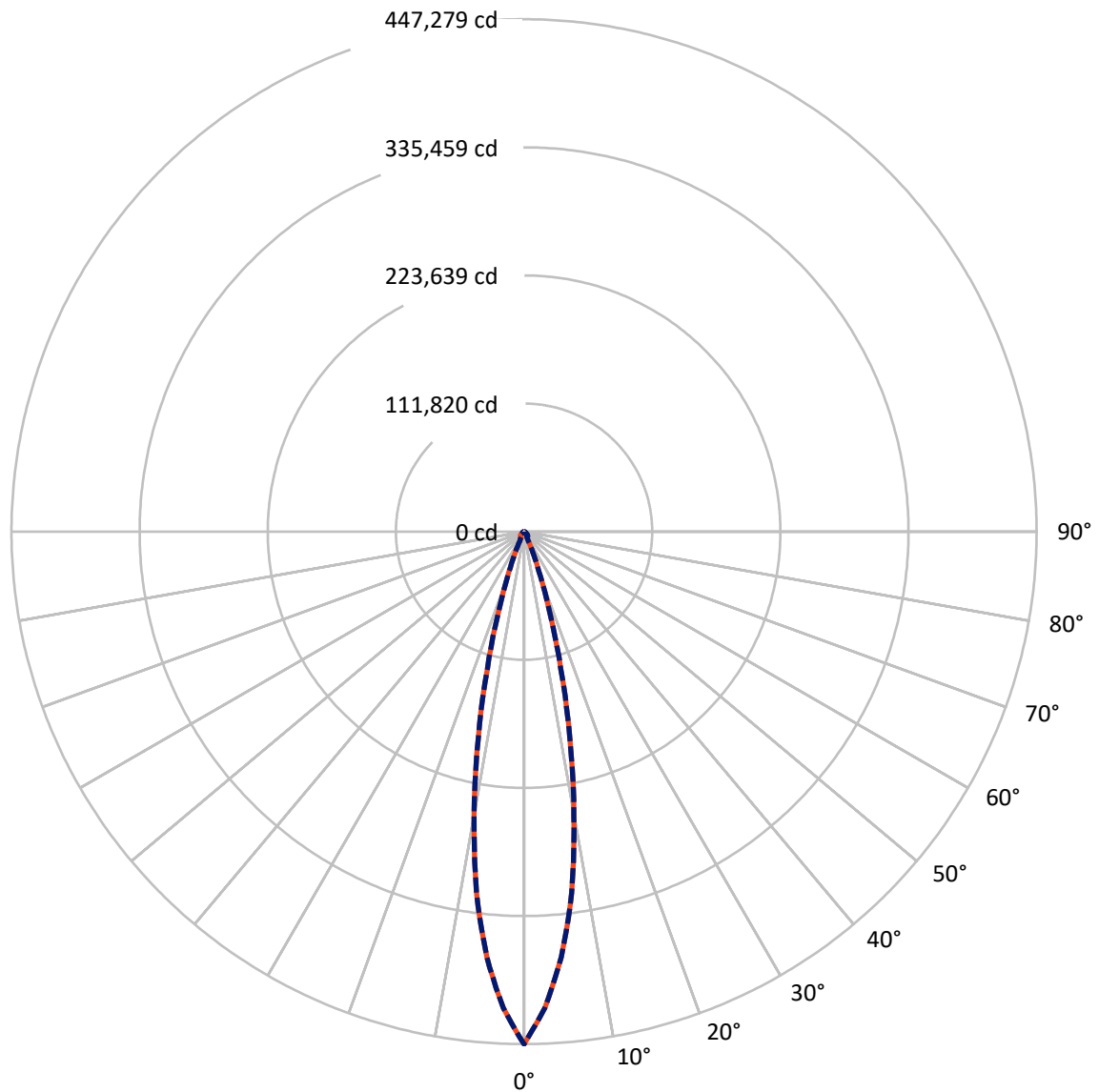
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Lumen Table

90	0.1	0.8		2.8		7.1		9.4		7.1		2.8		0.8		0.1			
80	0.1	0.8		2.8		7.1		9.4		7.1		2.8		0.8		0.1			
70	0.4	0.4	1.7	5.1	10.1	15.5	20.0	22.5	22.5	20.0	15.5	10.1	5.1	1.7	0.4	0.4			
60		1.3	5.9	14.3	24.8	34.5	41.1	44.4	44.4	41.1	34.5	24.8	14.3	5.9	1.3				
50	0.9	3.1	11.7	24.9	37.9	61.4	94.0	112.6	112.6	94.0	61.4	37.9	24.9	11.7	3.1	0.9			
40		5.4	17.5	32.8	72.4	124.3	145.6	153.1	153.1	145.6	124.3	72.4	32.8	17.5	5.4				
30	2.1	7.5	22.0	48.4	112.5	140.0	191.4	390.6	390.6	191.4	140.0	112.5	48.4	22.0	7.5	2.1			
20		9.0	24.6	69.8	123.6	180.1	1139.5	3376.6	3376.6	1139.5	180.1	123.6	69.8	24.6	9.0				
10	2.6	9.8	25.8	80.8	126.0	360.0	3290.8	9254.9	9254.9	3290.8	360.0	126.0	80.8	25.8	9.8	2.6			
0		9.8	25.8	80.8	126.0	360.0	3290.8	9254.9	9254.9	3290.8	360.0	126.0	80.8	25.8	9.8				
-10	2.1	9.0	24.6	69.8	123.6	180.1	1139.5	3376.6	3376.6	1139.5	180.1	123.6	69.8	24.6	9.0	2.1			
-20		7.5	22.0	48.4	112.5	140.0	191.4	390.6	390.6	191.4	140.0	112.5	48.4	22.0	7.5				
-30	0.9	5.4	17.5	32.8	72.4	124.3	145.6	153.1	153.1	145.6	124.3	72.4	32.8	17.5	5.4	0.9			
-40		3.1	11.7	24.9	37.9	61.4	94.0	112.6	112.6	94.0	61.4	37.9	24.9	11.7	3.1				
-50	0.4	1.3	5.9	14.3	24.8	34.5	41.1	44.4	44.4	41.1	34.5	24.8	14.3	5.9	1.3	0.4			
-60		0.4	1.7	5.1	10.1	15.5	20.0	22.5	22.5	20.0	15.5	10.1	5.1	1.7	0.4				
-70	0.1	0.8		2.8		7.1		9.4		7.1		2.8		0.8		0.1			
-80		0.8		2.8		7.1		9.4		7.1		2.8		0.8					
-90	0.1	0.8		2.8		7.1		9.4		7.1		2.8		0.8		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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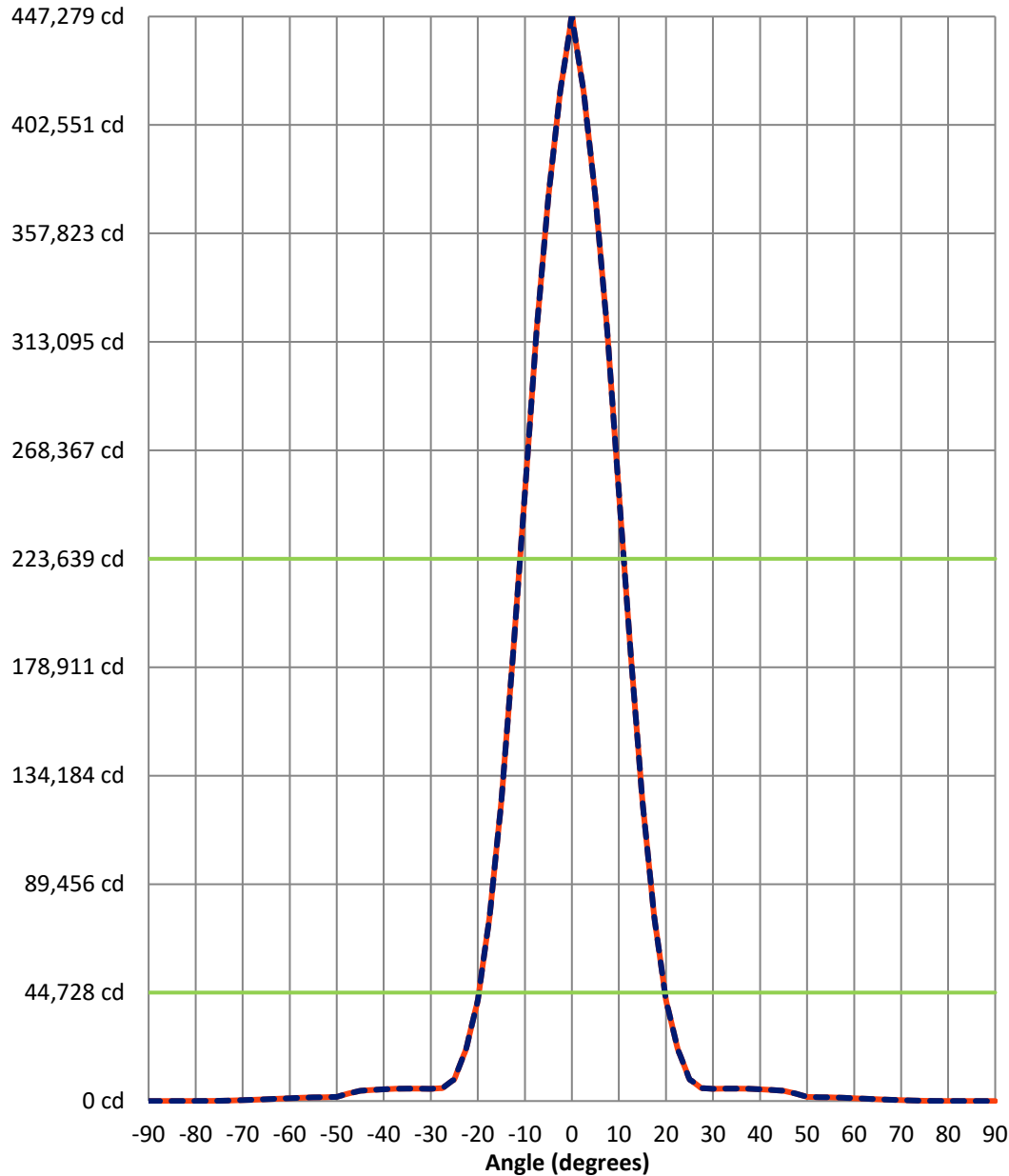
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22°
 V Angle: 22°
 Lumens: 35608.8
 Efficiency: 44.2%

Field:
 H Angle: 39.6°
 V Angle: 39.6°
 Lumens: 66134.1
 Efficiency: 82.1%

Spill:
 Lumens: 14434.9
 Efficiency: 17.9%

- 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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.4	8.9	9.4
80°	0.0	1.4	2.9	4.3	5.7	7.2	8.4	9.1	9.8	10.5	11.2
77.5°	0.0	1.8	3.6	5.4	7.2	8.6	9.5	10.4	11.2	12.1	13.1
75°	0.0	2.1	4.3	6.4	8.4	9.5	10.6	11.6	12.7	14.0	15.4
72.5°	0.0	2.5	5.0	7.5	9.1	10.4	11.6	12.9	14.5	16.1	17.7
70°	0.0	2.8	5.7	8.4	9.8	11.2	12.7	14.5	16.3	18.2	21.2
67.5°	0.0	3.2	6.3	8.9	10.5	12.1	14.0	16.1	18.2	21.7	25.1
65°	0.0	3.5	7.0	9.4	11.2	13.1	15.4	17.7	21.2	25.1	29.7
62.5°	0.0	3.8	7.7	9.9	11.8	14.1	16.7	20.0	24.3	29.0	36.2
60°	0.0	4.1	8.3	10.4	12.5	15.2	18.0	22.6	27.2	34.7	42.5
57.5°	0.0	4.5	8.6	10.9	13.3	16.3	20.0	25.1	31.7	40.3	58.8
55°	0.0	4.8	8.9	11.3	14.1	17.3	22.1	27.5	36.6	48.6	79.4
52.5°	0.0	5.1	9.2	11.8	14.9	18.4	24.2	31.5	41.3	66.7	99.5
50°	0.0	5.3	9.5	12.2	15.7	20.0	26.2	35.4	49.1	84.2	139.4
47.5°	0.0	5.6	9.8	12.6	16.4	21.6	28.3	39.3	64.1	101.2	180.3
45°	0.0	5.9	10.0	13.2	17.1	23.2	31.4	43.0	78.7	136.3	219.8
42.5°	0.0	6.1	10.3	13.7	17.8	24.6	34.5	51.6	92.6	170.3	265.9
40°	0.0	6.4	10.5	14.2	18.7	26.0	37.4	63.2	111.0	203.0	311.3
37.5°	0.0	6.6	10.8	14.6	19.7	27.4	40.2	74.2	138.5	236.2	354.6
35°	0.0	6.8	11.0	15.0	20.7	29.2	42.8	84.7	164.5	272.9	396.5
32.5°	0.0	7.0	11.2	15.5	21.7	31.3	47.0	94.6	189.0	307.6	437.3
30°	0.0	7.2	11.4	15.8	22.6	33.2	54.8	106.3	212.0	340.0	475.5
27.5°	0.0	7.4	11.5	16.2	23.4	34.9	62.1	124.9	235.3	370.2	511.1
25°	0.0	7.5	11.7	16.5	24.1	36.6	68.9	142.0	259.9	399.0	544.3
22.5°	0.0	7.7	11.9	16.8	24.8	38.1	75.0	157.6	282.3	425.8	581.5
20°	0.0	7.8	12.0	17.1	25.4	39.4	80.5	171.6	302.5	449.9	615.2
17.5°	0.0	7.9	12.1	17.3	26.0	40.6	85.4	184.1	320.4	471.4	645.1
15°	0.0	8.0	12.2	17.5	26.5	41.6	89.7	195.0	336.1	490.1	671.2
12.5°	0.0	8.1	12.3	17.7	26.9	42.5	93.3	204.2	349.4	506.1	693.4
10°	0.0	8.2	12.4	17.8	27.2	43.2	96.3	211.8	360.3	519.2	711.7
7.5°	0.0	8.2	12.4	18.0	27.5	43.8	98.6	217.7	368.9	529.4	726.0
5°	0.0	8.3	12.5	18.0	27.7	44.2	100.3	222.0	375.0	536.7	736.2
2.5°	0.0	8.3	12.5	18.1	27.8	44.4	101.3	224.5	378.7	541.1	742.3
0°	0.0	8.3	12.5	18.1	27.8	44.5	101.6	225.4	379.9	542.6	744.4
-2.5°	0.0	8.3	12.5	18.1	27.8	44.4	101.3	224.5	378.7	541.1	742.3
-5°	0.0	8.3	12.5	18.0	27.7	44.2	100.3	222.0	375.0	536.7	736.2
-7.5°	0.0	8.2	12.4	18.0	27.5	43.8	98.6	217.7	368.9	529.4	726.0
-10°	0.0	8.2	12.4	17.8	27.2	43.2	96.3	211.8	360.3	519.2	711.7
-12.5°	0.0	8.1	12.3	17.7	26.9	42.5	93.3	204.2	349.4	506.1	693.4
-15°	0.0	8.0	12.2	17.5	26.5	41.6	89.7	195.0	336.1	490.1	671.2
-17.5°	0.0	7.9	12.1	17.3	26.0	40.6	85.4	184.1	320.4	471.4	645.1
-20°	0.0	7.8	12.0	17.1	25.4	39.4	80.5	171.6	302.5	449.9	615.2



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 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.7	11.9	16.8	24.8	38.1	75.0	157.6	282.3	425.8	581.5
-25°	0.0	7.5	11.7	16.5	24.1	36.6	68.9	142.0	259.9	399.0	544.3
-27.5°	0.0	7.4	11.5	16.2	23.4	34.9	62.1	124.9	235.3	370.2	511.1
-30°	0.0	7.2	11.4	15.8	22.6	33.2	54.8	106.3	212.0	340.0	475.5
-32.5°	0.0	7.0	11.2	15.5	21.7	31.3	47.0	94.6	189.0	307.6	437.3
-35°	0.0	6.8	11.0	15.0	20.7	29.2	42.8	84.7	164.5	272.9	396.5
-37.5°	0.0	6.6	10.8	14.6	19.7	27.4	40.2	74.2	138.5	236.2	354.6
-40°	0.0	6.4	10.5	14.2	18.7	26.0	37.4	63.2	111.0	203.0	311.3
-42.5°	0.0	6.1	10.3	13.7	17.8	24.6	34.5	51.6	92.6	170.3	265.9
-45°	0.0	5.9	10.0	13.2	17.1	23.2	31.4	43.0	78.7	136.3	219.8
-47.5°	0.0	5.6	9.8	12.6	16.4	21.6	28.3	39.3	64.1	101.2	180.3
-50°	0.0	5.3	9.5	12.2	15.7	20.0	26.2	35.4	49.1	84.2	139.4
-52.5°	0.0	5.1	9.2	11.8	14.9	18.4	24.2	31.5	41.3	66.7	99.5
-55°	0.0	4.8	8.9	11.3	14.1	17.3	22.1	27.5	36.6	48.6	79.4
-57.5°	0.0	4.5	8.6	10.9	13.3	16.3	20.0	25.1	31.7	40.3	58.8
-60°	0.0	4.1	8.3	10.4	12.5	15.2	18.0	22.6	27.2	34.7	42.5
-62.5°	0.0	3.8	7.7	9.9	11.8	14.1	16.7	20.0	24.3	29.0	36.2
-65°	0.0	3.5	7.0	9.4	11.2	13.1	15.4	17.7	21.2	25.1	29.7
-67.5°	0.0	3.2	6.3	8.9	10.5	12.1	14.0	16.1	18.2	21.7	25.1
-70°	0.0	2.8	5.7	8.4	9.8	11.2	12.7	14.5	16.3	18.2	21.2
-72.5°	0.0	2.5	5.0	7.5	9.1	10.4	11.6	12.9	14.5	16.1	17.7
-75°	0.0	2.1	4.3	6.4	8.4	9.5	10.6	11.6	12.7	14.0	15.4
-77.5°	0.0	1.8	3.6	5.4	7.2	8.6	9.5	10.4	11.2	12.1	13.1
-80°	0.0	1.4	2.9	4.3	5.7	7.2	8.4	9.1	9.8	10.5	11.2
-82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.4	8.9	9.4
-85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
85°	7.7	8.3	8.6	8.9	9.2	9.5	9.8	10.0	10.3	10.5	10.8
82.5°	9.9	10.4	10.9	11.3	11.8	12.2	12.6	13.2	13.7	14.2	14.6
80°	11.8	12.5	13.3	14.1	14.9	15.7	16.4	17.1	17.8	18.7	19.7
77.5°	14.1	15.2	16.3	17.3	18.4	20.0	21.6	23.2	24.6	26.0	27.4
75°	16.7	18.0	20.0	22.1	24.2	26.2	28.3	31.4	34.5	37.4	40.2
72.5°	20.0	22.6	25.1	27.5	31.5	35.4	39.3	43.0	51.6	63.2	74.2
70°	24.3	27.2	31.7	36.6	41.3	49.1	64.1	78.7	92.6	111.0	138.5
67.5°	29.0	34.7	40.3	48.6	66.7	84.2	101.2	136.3	170.3	203.0	236.2
65°	36.2	42.5	58.8	79.4	99.5	139.4	180.3	219.8	265.9	311.3	354.6
62.5°	43.2	63.9	87.1	119.3	167.2	213.8	267.2	321.6	373.9	426.4	476.8
60°	63.9	89.7	130.5	184.1	239.1	302.5	364.0	425.8	486.1	544.3	612.9
57.5°	87.1	130.5	189.7	253.2	323.8	393.2	463.5	531.5	610.2	688.3	763.8
55°	119.3	184.1	253.2	330.9	408.3	486.3	566.8	657.8	745.8	833.9	918.2
52.5°	167.2	239.1	323.8	408.3	493.9	585.8	686.7	786.1	884.6	978.5	1065.8
50°	213.8	302.5	393.2	486.3	585.8	696.3	806.4	915.3	1018.2	1115.8	1213.7
47.5°	267.2	364.0	463.5	566.8	686.7	806.4	925.6	1038.1	1146.1	1257.6	1365.5
45°	321.6	425.8	531.5	657.8	786.1	915.3	1038.1	1156.3	1279.7	1391.4	1471.8
42.5°	373.9	486.1	610.2	745.8	884.6	1018.2	1146.1	1279.7	1399.2	1487.8	1539.2
40°	426.4	544.3	688.3	833.9	978.5	1115.8	1257.6	1391.4	1487.8	1541.6	1568.2
37.5°	476.8	612.9	763.8	918.2	1065.8	1213.7	1365.5	1471.8	1539.2	1568.2	1669.3
35°	524.7	678.1	837.9	996.8	1149.2	1310.1	1440.1	1532.1	1563.3	1660.0	2029.0
32.5°	576.4	739.7	908.0	1070.0	1233.7	1393.2	1508.9	1553.7	1632.3	1871.1	2838.4
30°	629.1	799.8	973.1	1138.9	1314.0	1453.8	1539.4	1586.8	1713.9	2596.8	3518.3
27.5°	678.1	856.0	1032.2	1206.8	1384.4	1510.5	1557.3	1658.6	2199.9	3251.7	4113.7
25°	723.3	908.0	1087.0	1271.0	1433.1	1536.2	1586.4	1725.5	2799.8	3774.4	4366.9
22.5°	765.6	955.5	1137.1	1329.9	1477.9	1550.5	1643.7	2171.0	3310.1	4243.6	4522.1
20°	804.5	996.8	1184.5	1380.3	1518.5	1563.4	1695.9	2641.2	3722.4	4376.0	4649.4
17.5°	839.2	1033.6	1228.0	1413.6	1533.8	1590.0	1798.5	3063.5	4093.5	4495.4	4757.4
15°	869.5	1065.8	1266.1	1442.7	1543.1	1627.8	2141.3	3375.3	4291.6	4596.1	4852.6
12.5°	895.3	1093.3	1298.6	1467.6	1551.1	1660.2	2434.9	3634.6	4375.5	4672.3	4920.1
10°	916.5	1115.8	1325.3	1488.2	1557.7	1687.0	2677.8	3849.3	4445.0	4735.6	4976.3
7.5°	933.1	1133.5	1346.2	1504.2	1562.8	1707.9	2868.3	4017.9	4499.7	4785.5	5020.7
5°	945.0	1146.1	1361.3	1515.7	1566.5	1723.0	3005.3	4139.2	4539.1	4821.4	5052.7
2.5°	952.1	1153.8	1370.3	1522.7	1568.8	1732.1	3087.8	4212.4	4562.9	4843.1	5072.1
0°	954.5	1156.3	1373.3	1525.0	1569.5	1735.1	3115.4	4236.8	4570.8	4850.4	5078.6
-2.5°	952.1	1153.8	1370.3	1522.7	1568.8	1732.1	3087.8	4212.4	4562.9	4843.1	5072.1
-5°	945.0	1146.1	1361.3	1515.7	1566.5	1723.0	3005.3	4139.2	4539.1	4821.4	5052.7
-7.5°	933.1	1133.5	1346.2	1504.2	1562.8	1707.9	2868.3	4017.9	4499.7	4785.5	5020.7
-10°	916.5	1115.8	1325.3	1488.2	1557.7	1687.0	2677.8	3849.3	4445.0	4735.6	4976.3
-12.5°	895.3	1093.3	1298.6	1467.6	1551.1	1660.2	2434.9	3634.6	4375.5	4672.3	4920.1
-15°	869.5	1065.8	1266.1	1442.7	1543.1	1627.8	2141.3	3375.3	4291.6	4596.1	4852.6
-17.5°	839.2	1033.6	1228.0	1413.6	1533.8	1590.0	1798.5	3063.5	4093.5	4495.4	4757.4
-20°	804.5	996.8	1184.5	1380.3	1518.5	1563.4	1695.9	2641.2	3722.4	4376.0	4649.4



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	765.6	955.5	1137.1	1329.9	1477.9	1550.5	1643.7	2171.0	3310.1	4243.6	4522.1
-25°	723.3	908.0	1087.0	1271.0	1433.1	1536.2	1586.4	1725.5	2799.8	3774.4	4366.9
-27.5°	678.1	856.0	1032.2	1206.8	1384.4	1510.5	1557.3	1658.6	2199.9	3251.7	4113.7
-30°	629.1	799.8	973.1	1138.9	1314.0	1453.8	1539.4	1586.8	1713.9	2596.8	3518.3
-32.5°	576.4	739.7	908.0	1070.0	1233.7	1393.2	1508.9	1553.7	1632.3	1871.1	2838.4
-35°	524.7	678.1	837.9	996.8	1149.2	1310.1	1440.1	1532.1	1563.3	1660.0	2029.0
-37.5°	476.8	612.9	763.8	918.2	1065.8	1213.7	1365.5	1471.8	1539.2	1568.2	1669.3
-40°	426.4	544.3	688.3	833.9	978.5	1115.8	1257.6	1391.4	1487.8	1541.6	1568.2
-42.5°	373.9	486.1	610.2	745.8	884.6	1018.2	1146.1	1279.7	1399.2	1487.8	1539.2
-45°	321.6	425.8	531.5	657.8	786.1	915.3	1038.1	1156.3	1279.7	1391.4	1471.8
-47.5°	267.2	364.0	463.5	566.8	686.7	806.4	925.6	1038.1	1146.1	1257.6	1365.5
-50°	213.8	302.5	393.2	486.3	585.8	696.3	806.4	915.3	1018.2	1115.8	1213.7
-52.5°	167.2	239.1	323.8	408.3	493.9	585.8	686.7	786.1	884.6	978.5	1065.8
-55°	119.3	184.1	253.2	330.9	408.3	486.3	566.8	657.8	745.8	833.9	918.2
-57.5°	87.1	130.5	189.7	253.2	323.8	393.2	463.5	531.5	610.2	688.3	763.8
-60°	63.9	89.7	130.5	184.1	239.1	302.5	364.0	425.8	486.1	544.3	612.9
-62.5°	43.2	63.9	87.1	119.3	167.2	213.8	267.2	321.6	373.9	426.4	476.8
-65°	36.2	42.5	58.8	79.4	99.5	139.4	180.3	219.8	265.9	311.3	354.6
-67.5°	29.0	34.7	40.3	48.6	66.7	84.2	101.2	136.3	170.3	203.0	236.2
-70°	24.3	27.2	31.7	36.6	41.3	49.1	64.1	78.7	92.6	111.0	138.5
-72.5°	20.0	22.6	25.1	27.5	31.5	35.4	39.3	43.0	51.6	63.2	74.2
-75°	16.7	18.0	20.0	22.1	24.2	26.2	28.3	31.4	34.5	37.4	40.2
-77.5°	14.1	15.2	16.3	17.3	18.4	20.0	21.6	23.2	24.6	26.0	27.4
-80°	11.8	12.5	13.3	14.1	14.9	15.7	16.4	17.1	17.8	18.7	19.7
-82.5°	9.9	10.4	10.9	11.3	11.8	12.2	12.6	13.2	13.7	14.2	14.6
-85°	7.7	8.3	8.6	8.9	9.2	9.5	9.8	10.0	10.3	10.5	10.8
-87.5°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	7.0	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2
85°	11.0	11.2	11.4	11.5	11.7	11.9	12.0	12.1	12.2	12.3	12.4
82.5°	15.0	15.5	15.8	16.2	16.5	16.8	17.1	17.3	17.5	17.7	17.8
80°	20.7	21.7	22.6	23.4	24.1	24.8	25.4	26.0	26.5	26.9	27.2
77.5°	29.2	31.3	33.2	34.9	36.6	38.1	39.4	40.6	41.6	42.5	43.2
75°	42.8	47.0	54.8	62.1	68.9	75.0	80.5	85.4	89.7	93.3	96.3
72.5°	84.7	94.6	106.3	124.9	142.0	157.6	171.6	184.1	195.0	204.2	211.8
70°	164.5	189.0	212.0	235.3	259.9	282.3	302.5	320.4	336.1	349.4	360.3
67.5°	272.9	307.6	340.0	370.2	399.0	425.8	449.9	471.4	490.1	506.1	519.2
65°	396.5	437.3	475.5	511.1	544.3	581.5	615.2	645.1	671.2	693.4	711.7
62.5°	524.7	576.4	629.1	678.1	723.3	765.6	804.5	839.2	869.5	895.3	916.5
60°	678.1	739.7	799.8	856.0	908.0	955.5	996.8	1033.6	1065.8	1093.3	1115.8
57.5°	837.9	908.0	973.1	1032.2	1087.0	1137.1	1184.5	1228.0	1266.1	1298.6	1325.3
55°	996.8	1070.0	1138.9	1206.8	1271.0	1329.9	1380.3	1413.6	1442.7	1467.6	1488.2
52.5°	1149.2	1233.7	1314.0	1384.4	1433.1	1477.9	1518.5	1533.8	1543.1	1551.1	1557.7
50°	1310.1	1393.2	1453.8	1510.5	1536.2	1550.5	1563.4	1590.0	1627.8	1660.2	1687.0
47.5°	1440.1	1508.9	1539.4	1557.3	1586.4	1643.7	1695.9	1798.5	2141.3	2434.9	2677.8
45°	1532.1	1553.7	1586.8	1658.6	1725.5	2171.0	2641.2	3063.5	3375.3	3634.6	3849.3
42.5°	1563.3	1632.3	1713.9	2199.9	2799.8	3310.1	3722.4	4093.5	4291.6	4375.5	4445.0
40°	1660.0	1871.1	2596.8	3251.7	3774.4	4243.6	4376.0	4495.4	4596.1	4672.3	4735.6
37.5°	2029.0	2838.4	3518.3	4113.7	4366.9	4522.1	4649.4	4757.4	4852.6	4920.1	4976.3
35°	2919.4	3653.1	4261.7	4450.8	4619.6	4759.0	4880.7	4975.8	5060.5	5089.7	5102.0
32.5°	3653.1	4282.4	4493.3	4674.3	4833.8	4958.7	5071.5	5097.8	5116.3	5123.6	5122.0
30°	4261.7	4493.3	4692.7	4867.8	5006.5	5090.3	5114.7	5123.0	5120.6	5111.6	5085.3
27.5°	4450.8	4674.3	4867.8	5022.6	5097.0	5124.4	5121.3	5110.0	5071.1	5037.1	5151.0
25°	4619.6	4833.8	5006.5	5097.0	5124.0	5120.4	5089.7	5043.1	5180.2	5328.6	6381.3
22.5°	4759.0	4958.7	5090.3	5124.4	5120.4	5082.9	5069.1	5269.4	6355.3	8177.9	11435.9
20°	4880.7	5071.5	5114.7	5121.3	5089.7	5069.1	5299.7	7068.9	9953.2	16748.6	23338.8
17.5°	4975.8	5097.8	5123.0	5110.0	5043.1	5269.4	7068.9	11252.1	19503.0	30435.5	41063.4
15°	5060.5	5116.3	5120.6	5071.1	5180.2	6355.3	9953.2	19503.0	32869.7	49500.4	69746.6
12.5°	5089.7	5123.6	5111.6	5037.1	5328.6	8177.9	16748.6	30435.5	49500.4	74664.0	105477.5
10°	5102.0	5122.0	5085.3	5151.0	6381.3	11435.9	23338.8	41063.4	69746.6	105477.5	144051.2
7.5°	5111.8	5120.7	5064.4	5242.6	7516.9	15719.4	31127.3	55565.4	90751.1	134023.2	185224.0
5°	5118.8	5119.7	5049.2	5309.5	8349.3	18877.4	36913.8	66785.7	108611.1	160293.2	220003.4
2.5°	5123.1	5119.2	5040.0	5350.2	8857.7	20814.7	40484.4	73766.1	119856.1	178238.7	242680.6
0°	5124.5	5119.0	5036.9	5363.9	9028.8	21468.0	41692.1	76137.8	123703.0	184623.0	250632.7
-2.5°	5123.1	5119.2	5040.0	5350.2	8857.7	20814.7	40484.4	73766.1	119856.1	178238.7	242680.6
-5°	5118.8	5119.7	5049.2	5309.5	8349.3	18877.4	36913.8	66785.7	108611.1	160293.2	220003.4
-7.5°	5111.8	5120.7	5064.4	5242.6	7516.9	15719.4	31127.3	55565.4	90751.1	134023.2	185224.0
-10°	5102.0	5122.0	5085.3	5151.0	6381.3	11435.9	23338.8	41063.4	69746.6	105477.5	144051.2
-12.5°	5089.7	5123.6	5111.6	5037.1	5328.6	8177.9	16748.6	30435.5	49500.4	74664.0	105477.5
-15°	5060.5	5116.3	5120.6	5071.1	5180.2	6355.3	9953.2	19503.0	32869.7	49500.4	69746.6
-17.5°	4975.8	5097.8	5123.0	5110.0	5043.1	5269.4	7068.9	11252.1	19503.0	30435.5	41063.4
-20°	4880.7	5071.5	5114.7	5121.3	5089.7	5069.1	5299.7	7068.9	9953.2	16748.6	23338.8



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4759.0	4958.7	5090.3	5124.4	5120.4	5082.9	5069.1	5269.4	6355.3	8177.9	11435.9
-25°	4619.6	4833.8	5006.5	5097.0	5124.0	5120.4	5089.7	5043.1	5180.2	5328.6	6381.3
-27.5°	4450.8	4674.3	4867.8	5022.6	5097.0	5124.4	5121.3	5110.0	5071.1	5037.1	5151.0
-30°	4261.7	4493.3	4692.7	4867.8	5006.5	5090.3	5114.7	5123.0	5120.6	5111.6	5085.3
-32.5°	3653.1	4282.4	4493.3	4674.3	4833.8	4958.7	5071.5	5097.8	5116.3	5123.6	5122.0
-35°	2919.4	3653.1	4261.7	4450.8	4619.6	4759.0	4880.7	4975.8	5060.5	5089.7	5102.0
-37.5°	2029.0	2838.4	3518.3	4113.7	4366.9	4522.1	4649.4	4757.4	4852.6	4920.1	4976.3
-40°	1660.0	1871.1	2596.8	3251.7	3774.4	4243.6	4376.0	4495.4	4596.1	4672.3	4735.6
-42.5°	1563.3	1632.3	1713.9	2199.9	2799.8	3310.1	3722.4	4093.5	4291.6	4375.5	4445.0
-45°	1532.1	1553.7	1586.8	1658.6	1725.5	2171.0	2641.2	3063.5	3375.3	3634.6	3849.3
-47.5°	1440.1	1508.9	1539.4	1557.3	1586.4	1643.7	1695.9	1798.5	2141.3	2434.9	2677.8
-50°	1310.1	1393.2	1453.8	1510.5	1536.2	1550.5	1563.4	1590.0	1627.8	1660.2	1687.0
-52.5°	1149.2	1233.7	1314.0	1384.4	1433.1	1477.9	1518.5	1533.8	1543.1	1551.1	1557.7
-55°	996.8	1070.0	1138.9	1206.8	1271.0	1329.9	1380.3	1413.6	1442.7	1467.6	1488.2
-57.5°	837.9	908.0	973.1	1032.2	1087.0	1137.1	1184.5	1228.0	1266.1	1298.6	1325.3
-60°	678.1	739.7	799.8	856.0	908.0	955.5	996.8	1033.6	1065.8	1093.3	1115.8
-62.5°	524.7	576.4	629.1	678.1	723.3	765.6	804.5	839.2	869.5	895.3	916.5
-65°	396.5	437.3	475.5	511.1	544.3	581.5	615.2	645.1	671.2	693.4	711.7
-67.5°	272.9	307.6	340.0	370.2	399.0	425.8	449.9	471.4	490.1	506.1	519.2
-70°	164.5	189.0	212.0	235.3	259.9	282.3	302.5	320.4	336.1	349.4	360.3
-72.5°	84.7	94.6	106.3	124.9	142.0	157.6	171.6	184.1	195.0	204.2	211.8
-75°	42.8	47.0	54.8	62.1	68.9	75.0	80.5	85.4	89.7	93.3	96.3
-77.5°	29.2	31.3	33.2	34.9	36.6	38.1	39.4	40.6	41.6	42.5	43.2
-80°	20.7	21.7	22.6	23.4	24.1	24.8	25.4	26.0	26.5	26.9	27.2
-82.5°	15.0	15.5	15.8	16.2	16.5	16.8	17.1	17.3	17.5	17.7	17.8
-85°	11.0	11.2	11.4	11.5	11.7	11.9	12.0	12.1	12.2	12.3	12.4
-87.5°	6.8	7.0	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9
85°	12.4	12.5	12.5	12.5	12.5	12.5	12.4	12.4	12.3	12.2	12.1
82.5°	18.0	18.0	18.1	18.1	18.1	18.0	18.0	17.8	17.7	17.5	17.3
80°	27.5	27.7	27.8	27.8	27.8	27.7	27.5	27.2	26.9	26.5	26.0
77.5°	43.8	44.2	44.4	44.5	44.4	44.2	43.8	43.2	42.5	41.6	40.6
75°	98.6	100.3	101.3	101.6	101.3	100.3	98.6	96.3	93.3	89.7	85.4
72.5°	217.7	222.0	224.5	225.4	224.5	222.0	217.7	211.8	204.2	195.0	184.1
70°	368.9	375.0	378.7	379.9	378.7	375.0	368.9	360.3	349.4	336.1	320.4
67.5°	529.4	536.7	541.1	542.6	541.1	536.7	529.4	519.2	506.1	490.1	471.4
65°	726.0	736.2	742.3	744.4	742.3	736.2	726.0	711.7	693.4	671.2	645.1
62.5°	933.1	945.0	952.1	954.5	952.1	945.0	933.1	916.5	895.3	869.5	839.2
60°	1133.5	1146.1	1153.8	1156.3	1153.8	1146.1	1133.5	1115.8	1093.3	1065.8	1033.6
57.5°	1346.2	1361.3	1370.3	1373.3	1370.3	1361.3	1346.2	1325.3	1298.6	1266.1	1228.0
55°	1504.2	1515.7	1522.7	1525.0	1522.7	1515.7	1504.2	1488.2	1467.6	1442.7	1413.6
52.5°	1562.8	1566.5	1568.8	1569.5	1568.8	1566.5	1562.8	1557.7	1551.1	1543.1	1533.8
50°	1707.9	1723.0	1732.1	1735.1	1732.1	1723.0	1707.9	1687.0	1660.2	1627.8	1590.0
47.5°	2868.3	3005.3	3087.8	3115.4	3087.8	3005.3	2868.3	2677.8	2434.9	2141.3	1798.5
45°	4017.9	4139.2	4212.4	4236.8	4212.4	4139.2	4017.9	3849.3	3634.6	3375.3	3063.5
42.5°	4499.7	4539.1	4562.9	4570.8	4562.9	4539.1	4499.7	4445.0	4375.5	4291.6	4093.5
40°	4785.5	4821.4	4843.1	4850.4	4843.1	4821.4	4785.5	4735.6	4672.3	4596.1	4495.4
37.5°	5020.7	5052.7	5072.1	5078.6	5072.1	5052.7	5020.7	4976.3	4920.1	4852.6	4757.4
35°	5111.8	5118.8	5123.1	5124.5	5123.1	5118.8	5111.8	5102.0	5089.7	5060.5	4975.8
32.5°	5120.7	5119.7	5119.2	5119.0	5119.2	5119.7	5120.7	5122.0	5123.6	5116.3	5097.8
30°	5064.4	5049.2	5040.0	5036.9	5040.0	5049.2	5064.4	5085.3	5111.6	5120.6	5123.0
27.5°	5242.6	5309.5	5350.2	5363.9	5350.2	5309.5	5242.6	5151.0	5037.1	5071.1	5110.0
25°	7516.9	8349.3	8857.7	9028.8	8857.7	8349.3	7516.9	6381.3	5328.6	5180.2	5043.1
22.5°	15719.4	18877.4	20814.7	21468.0	20814.7	18877.4	15719.4	11435.9	8177.9	6355.3	5269.4
20°	31127.3	36913.8	40484.4	41692.1	40484.4	36913.8	31127.3	23338.8	16748.6	9953.2	7068.9
17.5°	55565.4	66785.7	73766.1	76137.8	73766.1	66785.7	55565.4	41063.4	30435.5	19503.0	11252.1
15°	90751.1	108611.1	119856.1	123703.0	119856.1	108611.1	90751.1	69746.6	49500.4	32869.7	19503.0
12.5°	134023.2	160293.2	178238.7	184623.0	178238.7	160293.2	134023.2	105477.5	74664.0	49500.4	30435.5
10°	185224.0	220003.4	242680.6	250632.7	242680.6	220003.4	185224.0	144051.2	105477.5	69746.6	41063.4
7.5°	235196.9	276487.7	306944.7	317967.7	306944.7	276487.7	235196.9	185224.0	134023.2	90751.1	55565.4
5°	276487.7	329810.2	362505.0	372839.9	362505.0	329810.2	276487.7	220003.4	160293.2	108611.1	66785.7
2.5°	306944.7	362505.0	397847.5	416173.2	397847.5	362505.0	306944.7	242680.6	178238.7	119856.1	73766.1
0°	317967.7	372839.9	416173.2	447278.7	416173.2	372839.9	317967.7	250632.7	184623.0	123703.0	76137.8
-2.5°	306944.7	362505.0	397847.5	416173.2	397847.5	362505.0	306944.7	242680.6	178238.7	119856.1	73766.1
-5°	276487.7	329810.2	362505.0	372839.9	362505.0	329810.2	276487.7	220003.4	160293.2	108611.1	66785.7
-7.5°	235196.9	276487.7	306944.7	317967.7	306944.7	276487.7	235196.9	185224.0	134023.2	90751.1	55565.4
-10°	185224.0	220003.4	242680.6	250632.7	242680.6	220003.4	185224.0	144051.2	105477.5	69746.6	41063.4
-12.5°	134023.2	160293.2	178238.7	184623.0	178238.7	160293.2	134023.2	105477.5	74664.0	49500.4	30435.5
-15°	90751.1	108611.1	119856.1	123703.0	119856.1	108611.1	90751.1	69746.6	49500.4	32869.7	19503.0
-17.5°	55565.4	66785.7	73766.1	76137.8	73766.1	66785.7	55565.4	41063.4	30435.5	19503.0	11252.1
-20°	31127.3	36913.8	40484.4	41692.1	40484.4	36913.8	31127.3	23338.8	16748.6	9953.2	7068.9



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15719.4	18877.4	20814.7	21468.0	20814.7	18877.4	15719.4	11435.9	8177.9	6355.3	5269.4
-25°	7516.9	8349.3	8857.7	9028.8	8857.7	8349.3	7516.9	6381.3	5328.6	5180.2	5043.1
-27.5°	5242.6	5309.5	5350.2	5363.9	5350.2	5309.5	5242.6	5151.0	5037.1	5071.1	5110.0
-30°	5064.4	5049.2	5040.0	5036.9	5040.0	5049.2	5064.4	5085.3	5111.6	5120.6	5123.0
-32.5°	5120.7	5119.7	5119.2	5119.0	5119.2	5119.7	5120.7	5122.0	5123.6	5116.3	5097.8
-35°	5111.8	5118.8	5123.1	5124.5	5123.1	5118.8	5111.8	5102.0	5089.7	5060.5	4975.8
-37.5°	5020.7	5052.7	5072.1	5078.6	5072.1	5052.7	5020.7	4976.3	4920.1	4852.6	4757.4
-40°	4785.5	4821.4	4843.1	4850.4	4843.1	4821.4	4785.5	4735.6	4672.3	4596.1	4495.4
-42.5°	4499.7	4539.1	4562.9	4570.8	4562.9	4539.1	4499.7	4445.0	4375.5	4291.6	4093.5
-45°	4017.9	4139.2	4212.4	4236.8	4212.4	4139.2	4017.9	3849.3	3634.6	3375.3	3063.5
-47.5°	2868.3	3005.3	3087.8	3115.4	3087.8	3005.3	2868.3	2677.8	2434.9	2141.3	1798.5
-50°	1707.9	1723.0	1732.1	1735.1	1732.1	1723.0	1707.9	1687.0	1660.2	1627.8	1590.0
-52.5°	1562.8	1566.5	1568.8	1569.5	1568.8	1566.5	1562.8	1557.7	1551.1	1543.1	1533.8
-55°	1504.2	1515.7	1522.7	1525.0	1522.7	1515.7	1504.2	1488.2	1467.6	1442.7	1413.6
-57.5°	1346.2	1361.3	1370.3	1373.3	1370.3	1361.3	1346.2	1325.3	1298.6	1266.1	1228.0
-60°	1133.5	1146.1	1153.8	1156.3	1153.8	1146.1	1133.5	1115.8	1093.3	1065.8	1033.6
-62.5°	933.1	945.0	952.1	954.5	952.1	945.0	933.1	916.5	895.3	869.5	839.2
-65°	726.0	736.2	742.3	744.4	742.3	736.2	726.0	711.7	693.4	671.2	645.1
-67.5°	529.4	536.7	541.1	542.6	541.1	536.7	529.4	519.2	506.1	490.1	471.4
-70°	368.9	375.0	378.7	379.9	378.7	375.0	368.9	360.3	349.4	336.1	320.4
-72.5°	217.7	222.0	224.5	225.4	224.5	222.0	217.7	211.8	204.2	195.0	184.1
-75°	98.6	100.3	101.3	101.6	101.3	100.3	98.6	96.3	93.3	89.7	85.4
-77.5°	43.8	44.2	44.4	44.5	44.4	44.2	43.8	43.2	42.5	41.6	40.6
-80°	27.5	27.7	27.8	27.8	27.8	27.7	27.5	27.2	26.9	26.5	26.0
-82.5°	18.0	18.0	18.1	18.1	18.1	18.0	18.0	17.8	17.7	17.5	17.3
-85°	12.4	12.5	12.5	12.5	12.5	12.5	12.4	12.4	12.3	12.2	12.1
-87.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9
85°	12.0	11.9	11.7	11.5	11.4	11.2	11.0	10.8	10.5	10.3	10.0
82.5°	17.1	16.8	16.5	16.2	15.8	15.5	15.0	14.6	14.2	13.7	13.2
80°	25.4	24.8	24.1	23.4	22.6	21.7	20.7	19.7	18.7	17.8	17.1
77.5°	39.4	38.1	36.6	34.9	33.2	31.3	29.2	27.4	26.0	24.6	23.2
75°	80.5	75.0	68.9	62.1	54.8	47.0	42.8	40.2	37.4	34.5	31.4
72.5°	171.6	157.6	142.0	124.9	106.3	94.6	84.7	74.2	63.2	51.6	43.0
70°	302.5	282.3	259.9	235.3	212.0	189.0	164.5	138.5	111.0	92.6	78.7
67.5°	449.9	425.8	399.0	370.2	340.0	307.6	272.9	236.2	203.0	170.3	136.3
65°	615.2	581.5	544.3	511.1	475.5	437.3	396.5	354.6	311.3	265.9	219.8
62.5°	804.5	765.6	723.3	678.1	629.1	576.4	524.7	476.8	426.4	373.9	321.6
60°	996.8	955.5	908.0	856.0	799.8	739.7	678.1	612.9	544.3	486.1	425.8
57.5°	1184.5	1137.1	1087.0	1032.2	973.1	908.0	837.9	763.8	688.3	610.2	531.5
55°	1380.3	1329.9	1271.0	1206.8	1138.9	1070.0	996.8	918.2	833.9	745.8	657.8
52.5°	1518.5	1477.9	1433.1	1384.4	1314.0	1233.7	1149.2	1065.8	978.5	884.6	786.1
50°	1563.4	1550.5	1536.2	1510.5	1453.8	1393.2	1310.1	1213.7	1115.8	1018.2	915.3
47.5°	1695.9	1643.7	1586.4	1557.3	1539.4	1508.9	1440.1	1365.5	1257.6	1146.1	1038.1
45°	2641.2	2171.0	1725.5	1658.6	1586.8	1553.7	1532.1	1471.8	1391.4	1279.7	1156.3
42.5°	3722.4	3310.1	2799.8	2199.9	1713.9	1632.3	1563.3	1539.2	1487.8	1399.2	1279.7
40°	4376.0	4243.6	3774.4	3251.7	2596.8	1871.1	1660.0	1568.2	1541.6	1487.8	1391.4
37.5°	4649.4	4522.1	4366.9	4113.7	3518.3	2838.4	2029.0	1669.3	1568.2	1539.2	1471.8
35°	4880.7	4759.0	4619.6	4450.8	4261.7	3653.1	2919.4	2029.0	1660.0	1563.3	1532.1
32.5°	5071.5	4958.7	4833.8	4674.3	4493.3	4282.4	3653.1	2838.4	1871.1	1632.3	1553.7
30°	5114.7	5090.3	5006.5	4867.8	4692.7	4493.3	4261.7	3518.3	2596.8	1713.9	1586.8
27.5°	5121.3	5124.4	5097.0	5022.6	4867.8	4674.3	4450.8	4113.7	3251.7	2199.9	1658.6
25°	5089.7	5120.4	5124.0	5097.0	5006.5	4833.8	4619.6	4366.9	3774.4	2799.8	1725.5
22.5°	5069.1	5082.9	5120.4	5124.4	5090.3	4958.7	4759.0	4522.1	4243.6	3310.1	2171.0
20°	5299.7	5069.1	5089.7	5121.3	5114.7	5071.5	4880.7	4649.4	4376.0	3722.4	2641.2
17.5°	7068.9	5269.4	5043.1	5110.0	5123.0	5097.8	4975.8	4757.4	4495.4	4093.5	3063.5
15°	9953.2	6355.3	5180.2	5071.1	5120.6	5116.3	5060.5	4852.6	4596.1	4291.6	3375.3
12.5°	16748.6	8177.9	5328.6	5037.1	5111.6	5123.6	5089.7	4920.1	4672.3	4375.5	3634.6
10°	23338.8	11435.9	6381.3	5151.0	5085.3	5122.0	5102.0	4976.3	4735.6	4445.0	3849.3
7.5°	31127.3	15719.4	7516.9	5242.6	5064.4	5120.7	5111.8	5020.7	4785.5	4499.7	4017.9
5°	36913.8	18877.4	8349.3	5309.5	5049.2	5119.7	5118.8	5052.7	4821.4	4539.1	4139.2
2.5°	40484.4	20814.7	8857.7	5350.2	5040.0	5119.2	5123.1	5072.1	4843.1	4562.9	4212.4
0°	41692.1	21468.0	9028.8	5363.9	5036.9	5119.0	5124.5	5078.6	4850.4	4570.8	4236.8
-2.5°	40484.4	20814.7	8857.7	5350.2	5040.0	5119.2	5123.1	5072.1	4843.1	4562.9	4212.4
-5°	36913.8	18877.4	8349.3	5309.5	5049.2	5119.7	5118.8	5052.7	4821.4	4539.1	4139.2
-7.5°	31127.3	15719.4	7516.9	5242.6	5064.4	5120.7	5111.8	5020.7	4785.5	4499.7	4017.9
-10°	23338.8	11435.9	6381.3	5151.0	5085.3	5122.0	5102.0	4976.3	4735.6	4445.0	3849.3
-12.5°	16748.6	8177.9	5328.6	5037.1	5111.6	5123.6	5089.7	4920.1	4672.3	4375.5	3634.6
-15°	9953.2	6355.3	5180.2	5071.1	5120.6	5116.3	5060.5	4852.6	4596.1	4291.6	3375.3
-17.5°	7068.9	5269.4	5043.1	5110.0	5123.0	5097.8	4975.8	4757.4	4495.4	4093.5	3063.5
-20°	5299.7	5069.1	5089.7	5121.3	5114.7	5071.5	4880.7	4649.4	4376.0	3722.4	2641.2



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5069.1	5082.9	5120.4	5124.4	5090.3	4958.7	4759.0	4522.1	4243.6	3310.1	2171.0
-25°	5089.7	5120.4	5124.0	5097.0	5006.5	4833.8	4619.6	4366.9	3774.4	2799.8	1725.5
-27.5°	5121.3	5124.4	5097.0	5022.6	4867.8	4674.3	4450.8	4113.7	3251.7	2199.9	1658.6
-30°	5114.7	5090.3	5006.5	4867.8	4692.7	4493.3	4261.7	3518.3	2596.8	1713.9	1586.8
-32.5°	5071.5	4958.7	4833.8	4674.3	4493.3	4282.4	3653.1	2838.4	1871.1	1632.3	1553.7
-35°	4880.7	4759.0	4619.6	4450.8	4261.7	3653.1	2919.4	2029.0	1660.0	1563.3	1532.1
-37.5°	4649.4	4522.1	4366.9	4113.7	3518.3	2838.4	2029.0	1669.3	1568.2	1539.2	1471.8
-40°	4376.0	4243.6	3774.4	3251.7	2596.8	1871.1	1660.0	1568.2	1541.6	1487.8	1391.4
-42.5°	3722.4	3310.1	2799.8	2199.9	1713.9	1632.3	1563.3	1539.2	1487.8	1399.2	1279.7
-45°	2641.2	2171.0	1725.5	1658.6	1586.8	1553.7	1532.1	1471.8	1391.4	1279.7	1156.3
-47.5°	1695.9	1643.7	1586.4	1557.3	1539.4	1508.9	1440.1	1365.5	1257.6	1146.1	1038.1
-50°	1563.4	1550.5	1536.2	1510.5	1453.8	1393.2	1310.1	1213.7	1115.8	1018.2	915.3
-52.5°	1518.5	1477.9	1433.1	1384.4	1314.0	1233.7	1149.2	1065.8	978.5	884.6	786.1
-55°	1380.3	1329.9	1271.0	1206.8	1138.9	1070.0	996.8	918.2	833.9	745.8	657.8
-57.5°	1184.5	1137.1	1087.0	1032.2	973.1	908.0	837.9	763.8	688.3	610.2	531.5
-60°	996.8	955.5	908.0	856.0	799.8	739.7	678.1	612.9	544.3	486.1	425.8
-62.5°	804.5	765.6	723.3	678.1	629.1	576.4	524.7	476.8	426.4	373.9	321.6
-65°	615.2	581.5	544.3	511.1	475.5	437.3	396.5	354.6	311.3	265.9	219.8
-67.5°	449.9	425.8	399.0	370.2	340.0	307.6	272.9	236.2	203.0	170.3	136.3
-70°	302.5	282.3	259.9	235.3	212.0	189.0	164.5	138.5	111.0	92.6	78.7
-72.5°	171.6	157.6	142.0	124.9	106.3	94.6	84.7	74.2	63.2	51.6	43.0
-75°	80.5	75.0	68.9	62.1	54.8	47.0	42.8	40.2	37.4	34.5	31.4
-77.5°	39.4	38.1	36.6	34.9	33.2	31.3	29.2	27.4	26.0	24.6	23.2
-80°	25.4	24.8	24.1	23.4	22.6	21.7	20.7	19.7	18.7	17.8	17.1
-82.5°	17.1	16.8	16.5	16.2	15.8	15.5	15.0	14.6	14.2	13.7	13.2
-85°	12.0	11.9	11.7	11.5	11.4	11.2	11.0	10.8	10.5	10.3	10.0
-87.5°	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
85°	9.8	9.5	9.2	8.9	8.6	8.3	7.7	7.0	6.3	5.7	5.0
82.5°	12.6	12.2	11.8	11.3	10.9	10.4	9.9	9.4	8.9	8.4	7.5
80°	16.4	15.7	14.9	14.1	13.3	12.5	11.8	11.2	10.5	9.8	9.1
77.5°	21.6	20.0	18.4	17.3	16.3	15.2	14.1	13.1	12.1	11.2	10.4
75°	28.3	26.2	24.2	22.1	20.0	18.0	16.7	15.4	14.0	12.7	11.6
72.5°	39.3	35.4	31.5	27.5	25.1	22.6	20.0	17.7	16.1	14.5	12.9
70°	64.1	49.1	41.3	36.6	31.7	27.2	24.3	21.2	18.2	16.3	14.5
67.5°	101.2	84.2	66.7	48.6	40.3	34.7	29.0	25.1	21.7	18.2	16.1
65°	180.3	139.4	99.5	79.4	58.8	42.5	36.2	29.7	25.1	21.2	17.7
62.5°	267.2	213.8	167.2	119.3	87.1	63.9	43.2	36.2	29.0	24.3	20.0
60°	364.0	302.5	239.1	184.1	130.5	89.7	63.9	42.5	34.7	27.2	22.6
57.5°	463.5	393.2	323.8	253.2	189.7	130.5	87.1	58.8	40.3	31.7	25.1
55°	566.8	486.3	408.3	330.9	253.2	184.1	119.3	79.4	48.6	36.6	27.5
52.5°	686.7	585.8	493.9	408.3	323.8	239.1	167.2	99.5	66.7	41.3	31.5
50°	806.4	696.3	585.8	486.3	393.2	302.5	213.8	139.4	84.2	49.1	35.4
47.5°	925.6	806.4	686.7	566.8	463.5	364.0	267.2	180.3	101.2	64.1	39.3
45°	1038.1	915.3	786.1	657.8	531.5	425.8	321.6	219.8	136.3	78.7	43.0
42.5°	1146.1	1018.2	884.6	745.8	610.2	486.1	373.9	265.9	170.3	92.6	51.6
40°	1257.6	1115.8	978.5	833.9	688.3	544.3	426.4	311.3	203.0	111.0	63.2
37.5°	1365.5	1213.7	1065.8	918.2	763.8	612.9	476.8	354.6	236.2	138.5	74.2
35°	1440.1	1310.1	1149.2	996.8	837.9	678.1	524.7	396.5	272.9	164.5	84.7
32.5°	1508.9	1393.2	1233.7	1070.0	908.0	739.7	576.4	437.3	307.6	189.0	94.6
30°	1539.4	1453.8	1314.0	1138.9	973.1	799.8	629.1	475.5	340.0	212.0	106.3
27.5°	1557.3	1510.5	1384.4	1206.8	1032.2	856.0	678.1	511.1	370.2	235.3	124.9
25°	1586.4	1536.2	1433.1	1271.0	1087.0	908.0	723.3	544.3	399.0	259.9	142.0
22.5°	1643.7	1550.5	1477.9	1329.9	1137.1	955.5	765.6	581.5	425.8	282.3	157.6
20°	1695.9	1563.4	1518.5	1380.3	1184.5	996.8	804.5	615.2	449.9	302.5	171.6
17.5°	1798.5	1590.0	1533.8	1413.6	1228.0	1033.6	839.2	645.1	471.4	320.4	184.1
15°	2141.3	1627.8	1543.1	1442.7	1266.1	1065.8	869.5	671.2	490.1	336.1	195.0
12.5°	2434.9	1660.2	1551.1	1467.6	1298.6	1093.3	895.3	693.4	506.1	349.4	204.2
10°	2677.8	1687.0	1557.7	1488.2	1325.3	1115.8	916.5	711.7	519.2	360.3	211.8
7.5°	2868.3	1707.9	1562.8	1504.2	1346.2	1133.5	933.1	726.0	529.4	368.9	217.7
5°	3005.3	1723.0	1566.5	1515.7	1361.3	1146.1	945.0	736.2	536.7	375.0	222.0
2.5°	3087.8	1732.1	1568.8	1522.7	1370.3	1153.8	952.1	742.3	541.1	378.7	224.5
0°	3115.4	1735.1	1569.5	1525.0	1373.3	1156.3	954.5	744.4	542.6	379.9	225.4
-2.5°	3087.8	1732.1	1568.8	1522.7	1370.3	1153.8	952.1	742.3	541.1	378.7	224.5
-5°	3005.3	1723.0	1566.5	1515.7	1361.3	1146.1	945.0	736.2	536.7	375.0	222.0
-7.5°	2868.3	1707.9	1562.8	1504.2	1346.2	1133.5	933.1	726.0	529.4	368.9	217.7
-10°	2677.8	1687.0	1557.7	1488.2	1325.3	1115.8	916.5	711.7	519.2	360.3	211.8
-12.5°	2434.9	1660.2	1551.1	1467.6	1298.6	1093.3	895.3	693.4	506.1	349.4	204.2
-15°	2141.3	1627.8	1543.1	1442.7	1266.1	1065.8	869.5	671.2	490.1	336.1	195.0
-17.5°	1798.5	1590.0	1533.8	1413.6	1228.0	1033.6	839.2	645.1	471.4	320.4	184.1
-20°	1695.9	1563.4	1518.5	1380.3	1184.5	996.8	804.5	615.2	449.9	302.5	171.6



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1643.7	1550.5	1477.9	1329.9	1137.1	955.5	765.6	581.5	425.8	282.3	157.6
-25°	1586.4	1536.2	1433.1	1271.0	1087.0	908.0	723.3	544.3	399.0	259.9	142.0
-27.5°	1557.3	1510.5	1384.4	1206.8	1032.2	856.0	678.1	511.1	370.2	235.3	124.9
-30°	1539.4	1453.8	1314.0	1138.9	973.1	799.8	629.1	475.5	340.0	212.0	106.3
-32.5°	1508.9	1393.2	1233.7	1070.0	908.0	739.7	576.4	437.3	307.6	189.0	94.6
-35°	1440.1	1310.1	1149.2	996.8	837.9	678.1	524.7	396.5	272.9	164.5	84.7
-37.5°	1365.5	1213.7	1065.8	918.2	763.8	612.9	476.8	354.6	236.2	138.5	74.2
-40°	1257.6	1115.8	978.5	833.9	688.3	544.3	426.4	311.3	203.0	111.0	63.2
-42.5°	1146.1	1018.2	884.6	745.8	610.2	486.1	373.9	265.9	170.3	92.6	51.6
-45°	1038.1	915.3	786.1	657.8	531.5	425.8	321.6	219.8	136.3	78.7	43.0
-47.5°	925.6	806.4	686.7	566.8	463.5	364.0	267.2	180.3	101.2	64.1	39.3
-50°	806.4	696.3	585.8	486.3	393.2	302.5	213.8	139.4	84.2	49.1	35.4
-52.5°	686.7	585.8	493.9	408.3	323.8	239.1	167.2	99.5	66.7	41.3	31.5
-55°	566.8	486.3	408.3	330.9	253.2	184.1	119.3	79.4	48.6	36.6	27.5
-57.5°	463.5	393.2	323.8	253.2	189.7	130.5	87.1	58.8	40.3	31.7	25.1
-60°	364.0	302.5	239.1	184.1	130.5	89.7	63.9	42.5	34.7	27.2	22.6
-62.5°	267.2	213.8	167.2	119.3	87.1	63.9	43.2	36.2	29.0	24.3	20.0
-65°	180.3	139.4	99.5	79.4	58.8	42.5	36.2	29.7	25.1	21.2	17.7
-67.5°	101.2	84.2	66.7	48.6	40.3	34.7	29.0	25.1	21.7	18.2	16.1
-70°	64.1	49.1	41.3	36.6	31.7	27.2	24.3	21.2	18.2	16.3	14.5
-72.5°	39.3	35.4	31.5	27.5	25.1	22.6	20.0	17.7	16.1	14.5	12.9
-75°	28.3	26.2	24.2	22.1	20.0	18.0	16.7	15.4	14.0	12.7	11.6
-77.5°	21.6	20.0	18.4	17.3	16.3	15.2	14.1	13.1	12.1	11.2	10.4
-80°	16.4	15.7	14.9	14.1	13.3	12.5	11.8	11.2	10.5	9.8	9.1
-82.5°	12.6	12.2	11.8	11.3	10.9	10.4	9.9	9.4	8.9	8.4	7.5
-85°	9.8	9.5	9.2	8.9	8.6	8.3	7.7	7.0	6.3	5.7	5.0
-87.5°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
80°	8.4	7.2	5.7	4.3	2.9	1.4	0.0
77.5°	9.5	8.6	7.2	5.4	3.6	1.8	0.0
75°	10.6	9.5	8.4	6.4	4.3	2.1	0.0
72.5°	11.6	10.4	9.1	7.5	5.0	2.5	0.0
70°	12.7	11.2	9.8	8.4	5.7	2.8	0.0
67.5°	14.0	12.1	10.5	8.9	6.3	3.2	0.0
65°	15.4	13.1	11.2	9.4	7.0	3.5	0.0
62.5°	16.7	14.1	11.8	9.9	7.7	3.8	0.0
60°	18.0	15.2	12.5	10.4	8.3	4.1	0.0
57.5°	20.0	16.3	13.3	10.9	8.6	4.5	0.0
55°	22.1	17.3	14.1	11.3	8.9	4.8	0.0
52.5°	24.2	18.4	14.9	11.8	9.2	5.1	0.0
50°	26.2	20.0	15.7	12.2	9.5	5.3	0.0
47.5°	28.3	21.6	16.4	12.6	9.8	5.6	0.0
45°	31.4	23.2	17.1	13.2	10.0	5.9	0.0
42.5°	34.5	24.6	17.8	13.7	10.3	6.1	0.0
40°	37.4	26.0	18.7	14.2	10.5	6.4	0.0
37.5°	40.2	27.4	19.7	14.6	10.8	6.6	0.0
35°	42.8	29.2	20.7	15.0	11.0	6.8	0.0
32.5°	47.0	31.3	21.7	15.5	11.2	7.0	0.0
30°	54.8	33.2	22.6	15.8	11.4	7.2	0.0
27.5°	62.1	34.9	23.4	16.2	11.5	7.4	0.0
25°	68.9	36.6	24.1	16.5	11.7	7.5	0.0
22.5°	75.0	38.1	24.8	16.8	11.9	7.7	0.0
20°	80.5	39.4	25.4	17.1	12.0	7.8	0.0
17.5°	85.4	40.6	26.0	17.3	12.1	7.9	0.0
15°	89.7	41.6	26.5	17.5	12.2	8.0	0.0
12.5°	93.3	42.5	26.9	17.7	12.3	8.1	0.0
10°	96.3	43.2	27.2	17.8	12.4	8.2	0.0
7.5°	98.6	43.8	27.5	18.0	12.4	8.2	0.0
5°	100.3	44.2	27.7	18.0	12.5	8.3	0.0
2.5°	101.3	44.4	27.8	18.1	12.5	8.3	0.0
0°	101.6	44.5	27.8	18.1	12.5	8.3	0.0
-2.5°	101.3	44.4	27.8	18.1	12.5	8.3	0.0
-5°	100.3	44.2	27.7	18.0	12.5	8.3	0.0
-7.5°	98.6	43.8	27.5	18.0	12.4	8.2	0.0
-10°	96.3	43.2	27.2	17.8	12.4	8.2	0.0
-12.5°	93.3	42.5	26.9	17.7	12.3	8.1	0.0
-15°	89.7	41.6	26.5	17.5	12.2	8.0	0.0
-17.5°	85.4	40.6	26.0	17.3	12.1	7.9	0.0
-20°	80.5	39.4	25.4	17.1	12.0	7.8	0.0



REPORT NUMBER: P1305924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-2S-HEG-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	75.0	38.1	24.8	16.8	11.9	7.7	0.0
-25°	68.9	36.6	24.1	16.5	11.7	7.5	0.0
-27.5°	62.1	34.9	23.4	16.2	11.5	7.4	0.0
-30°	54.8	33.2	22.6	15.8	11.4	7.2	0.0
-32.5°	47.0	31.3	21.7	15.5	11.2	7.0	0.0
-35°	42.8	29.2	20.7	15.0	11.0	6.8	0.0
-37.5°	40.2	27.4	19.7	14.6	10.8	6.6	0.0
-40°	37.4	26.0	18.7	14.2	10.5	6.4	0.0
-42.5°	34.5	24.6	17.8	13.7	10.3	6.1	0.0
-45°	31.4	23.2	17.1	13.2	10.0	5.9	0.0
-47.5°	28.3	21.6	16.4	12.6	9.8	5.6	0.0
-50°	26.2	20.0	15.7	12.2	9.5	5.3	0.0
-52.5°	24.2	18.4	14.9	11.8	9.2	5.1	0.0
-55°	22.1	17.3	14.1	11.3	8.9	4.8	0.0
-57.5°	20.0	16.3	13.3	10.9	8.6	4.5	0.0
-60°	18.0	15.2	12.5	10.4	8.3	4.1	0.0
-62.5°	16.7	14.1	11.8	9.9	7.7	3.8	0.0
-65°	15.4	13.1	11.2	9.4	7.0	3.5	0.0
-67.5°	14.0	12.1	10.5	8.9	6.3	3.2	0.0
-70°	12.7	11.2	9.8	8.4	5.7	2.8	0.0
-72.5°	11.6	10.4	9.1	7.5	5.0	2.5	0.0
-75°	10.6	9.5	8.4	6.4	4.3	2.1	0.0
-77.5°	9.5	8.6	7.2	5.4	3.6	1.8	0.0
-80°	8.4	7.2	5.7	4.3	2.9	1.4	0.0
-82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
-85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)