

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: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-1200L-40-80-5R-S**

Issue Date: 8/10/2023

Test Information

Test Method: LM-79-08
Report Number: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-51)
Test Lab: INNOVATION CENTER
Issue Date: 8/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-16-1200L-40-80-5R-S
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 4000K, 80 CRI LEDS AND 5R BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

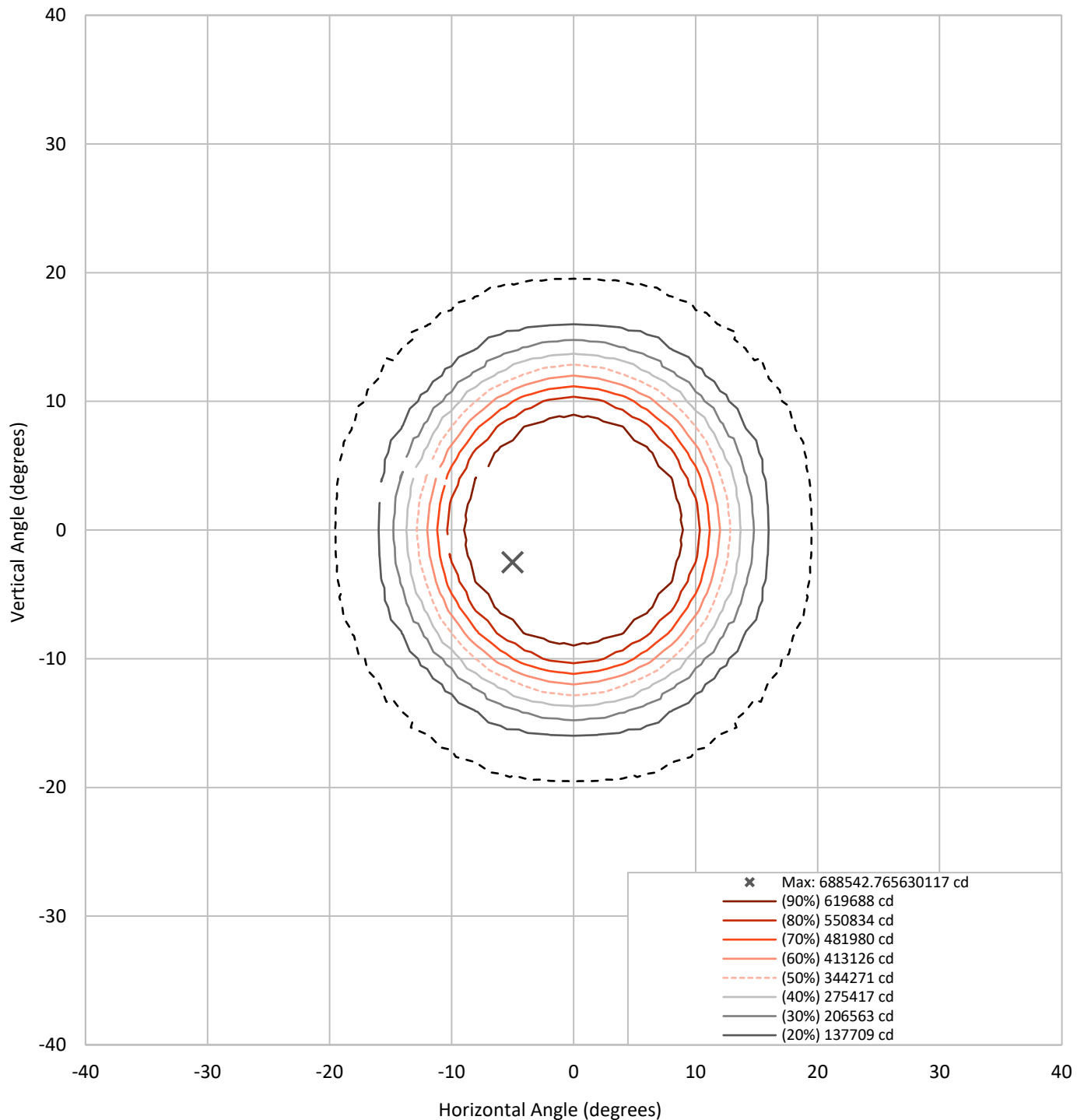
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	165611.8 lumens	Max Intensity:	688542.8 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -2.5°V
Efficacy:	131.9 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		

Beam Angle (50%):	25.1°H x 23.6°V	Field Angle (10%):	38.9°H x 38.4°V
Beam Lumens:	88163.8 lumens	Field Lumens:	122791.1 lumens
Beam Efficiency:	53.2%	Field Efficiency:	74.1%

Input Watts (W): 1255.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

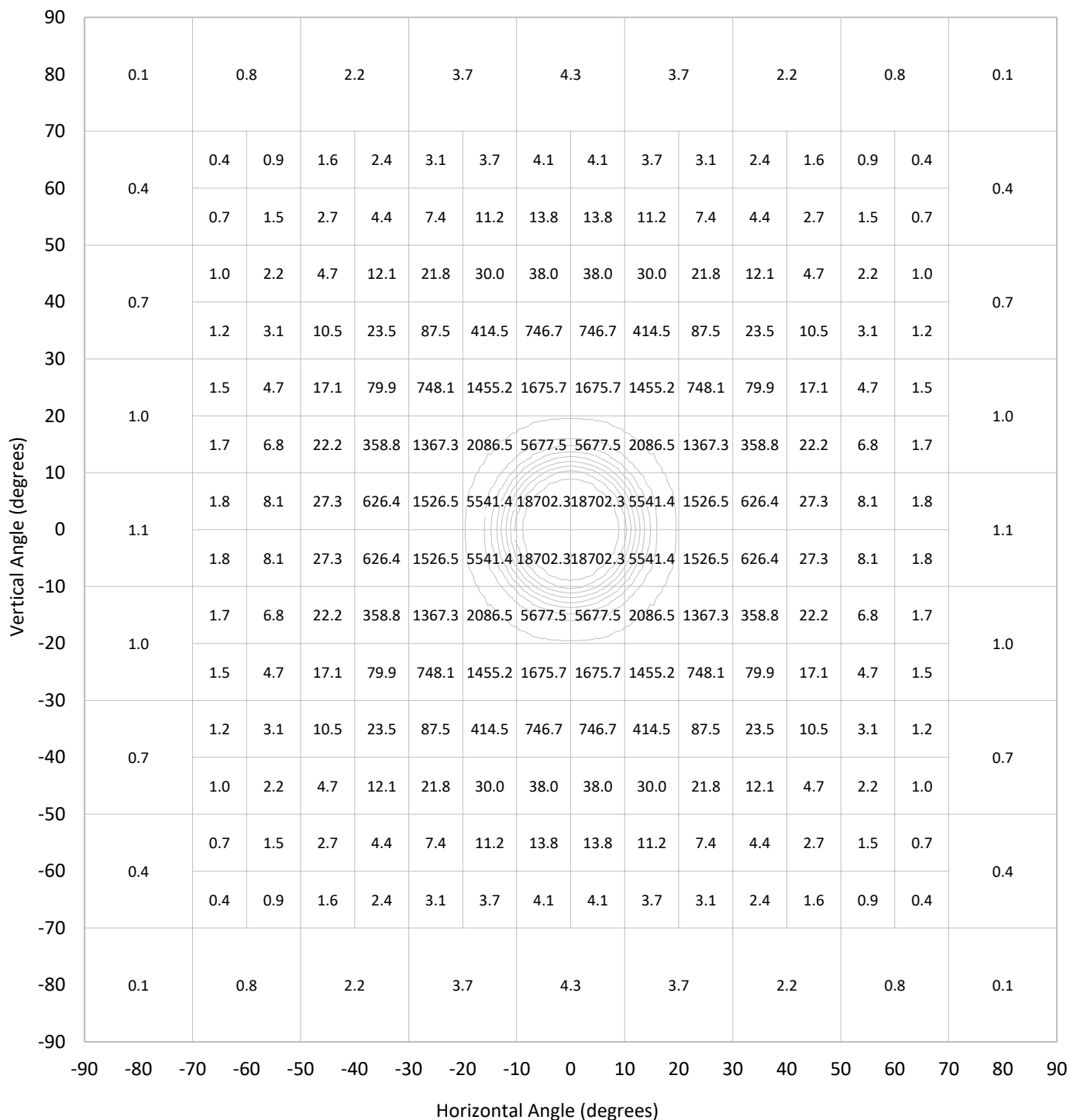
REPORT NUMBER: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



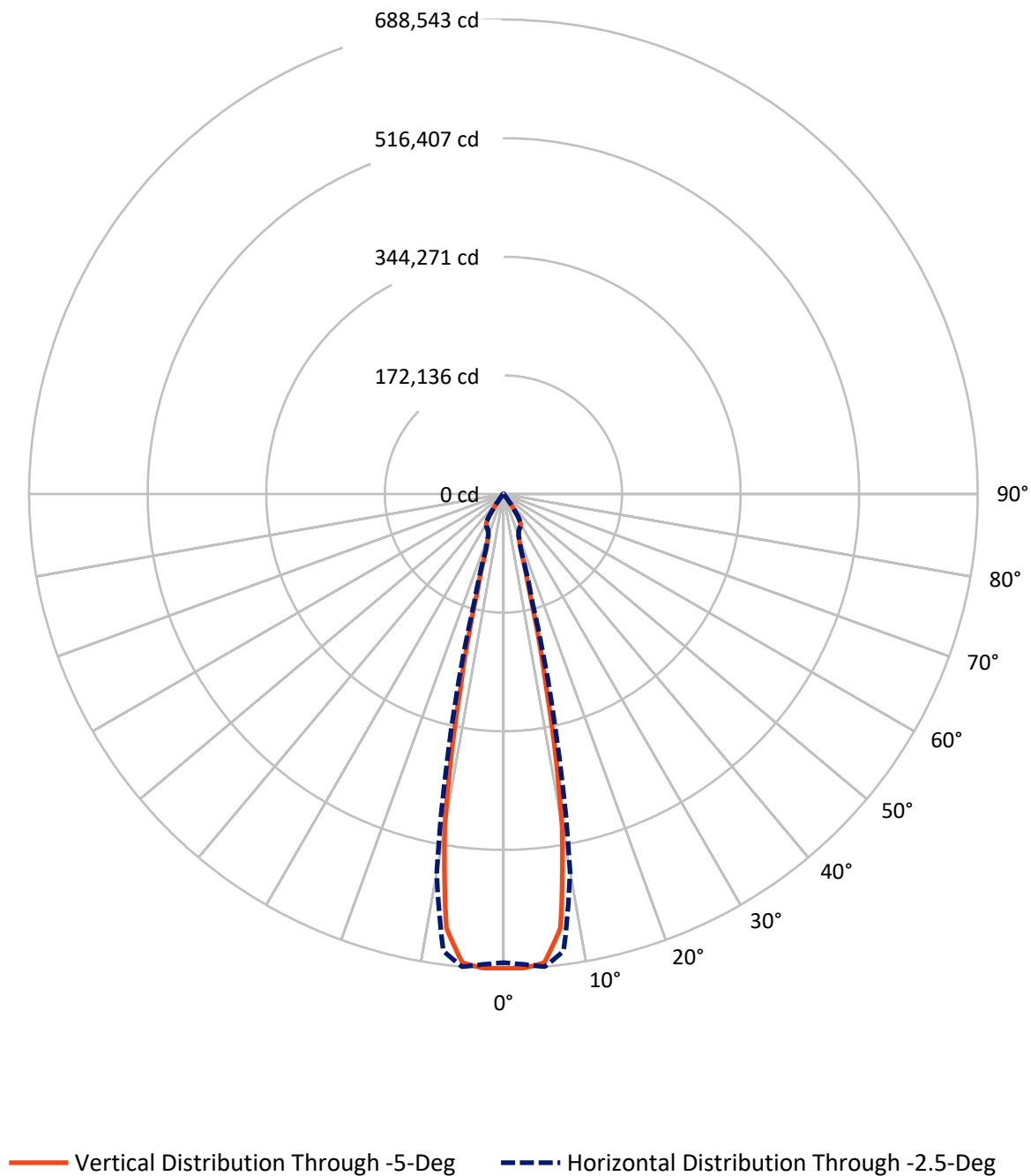
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Lumen Table



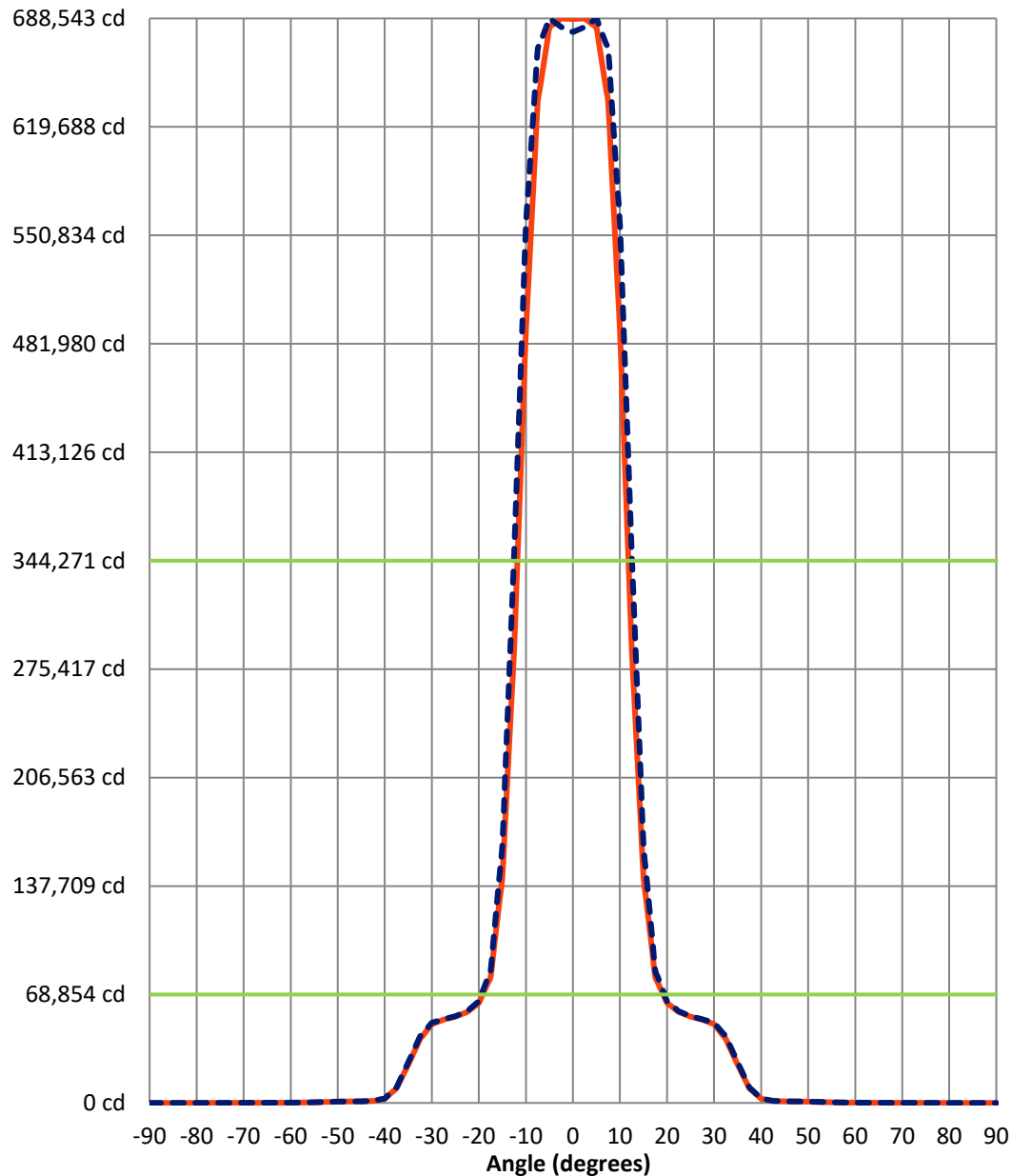
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:

H Angle: 25.1°
V Angle: 23.6°
Lumens: 88163.8
Efficiency: 53.2%

Field:

H Angle: 38.9°
V Angle: 38.4°
Lumens: 122791.1
Efficiency: 74.1%

Spill:

Lumens: 42820.7
Efficiency: 25.9%

— Vertical Distribution through -5-Deg
- - Horizontal Distribution through -2.5-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	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7
82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.1
80°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.7	7.6	8.5	9.4
77.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.5	10.6	12.0
75°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.5	13.5	15.6
72.5°	0.0	1.7	3.4	5.0	6.7	8.4	10.0	11.8	14.3	16.7	19.0
70°	0.0	1.9	3.8	5.7	7.6	9.5	11.5	14.3	17.0	19.8	23.0
67.5°	0.0	2.1	4.3	6.4	8.5	10.6	13.5	16.7	19.8	23.5	27.1
65°	0.0	2.4	4.7	7.1	9.4	12.0	15.6	19.0	23.0	27.1	31.4
62.5°	0.0	2.6	5.2	7.7	10.3	13.7	17.5	21.7	26.2	30.9	36.1
60°	0.0	2.8	5.6	8.4	11.2	15.3	19.5	24.4	29.4	35.0	40.7
57.5°	0.0	3.0	6.0	9.0	12.4	16.9	21.7	27.1	32.9	39.1	45.7
55°	0.0	3.2	6.4	9.6	13.6	18.4	24.0	29.7	36.4	43.2	50.8
52.5°	0.0	3.4	6.8	10.2	14.8	20.0	26.1	32.7	39.8	47.6	55.7
50°	0.0	3.6	7.2	10.8	16.0	21.7	28.3	35.6	43.3	51.9	62.5
47.5°	0.0	3.8	7.6	11.4	17.1	23.4	30.3	38.4	47.0	56.1	69.3
45°	0.0	4.0	7.9	12.2	18.2	25.1	32.7	41.1	50.6	62.0	75.9
42.5°	0.0	4.1	8.3	13.0	19.2	26.6	34.9	43.9	54.0	67.6	81.0
40°	0.0	4.3	8.6	13.7	20.3	28.1	37.0	46.8	57.8	73.1	85.7
37.5°	0.0	4.4	8.9	14.4	21.4	29.5	39.0	49.5	62.3	77.9	90.2
35°	0.0	4.6	9.2	15.1	22.5	31.0	40.9	52.1	66.7	81.7	94.6
32.5°	0.0	4.7	9.4	15.7	23.5	32.5	42.8	54.5	70.7	85.3	99.1
30°	0.0	4.8	9.7	16.3	24.4	33.9	44.7	57.0	74.6	88.7	103.3
27.5°	0.0	5.0	9.9	16.8	25.3	35.2	46.5	60.1	77.8	91.8	107.2
25°	0.0	5.1	10.1	17.3	26.1	36.4	48.2	62.9	80.4	94.9	110.8
22.5°	0.0	5.2	10.3	17.7	26.8	37.5	49.7	65.5	82.7	97.8	114.6
20°	0.0	5.3	10.5	18.2	27.5	38.5	51.0	67.8	84.8	100.5	118.0
17.5°	0.0	5.3	10.7	18.5	28.1	39.3	52.2	69.9	86.6	102.8	121.1
15°	0.0	5.4	10.8	18.8	28.6	40.1	53.3	71.7	88.3	104.9	123.7
12.5°	0.0	5.5	10.9	19.1	29.0	40.7	54.2	73.3	89.6	106.6	126.0
10°	0.0	5.5	11.0	19.3	29.4	41.3	54.9	74.5	90.8	108.0	127.9
7.5°	0.0	5.6	11.1	19.5	29.6	41.7	55.5	75.5	91.7	109.2	129.3
5°	0.0	5.6	11.2	19.6	29.8	42.0	55.9	76.2	92.3	110.0	130.4
2.5°	0.0	5.6	11.2	19.7	30.0	42.1	56.1	76.7	92.7	110.4	131.0
0°	0.0	5.6	11.2	19.7	30.0	42.2	56.2	76.8	92.8	110.6	131.2
-2.5°	0.0	5.6	11.2	19.7	30.0	42.1	56.1	76.7	92.7	110.4	131.0
-5°	0.0	5.6	11.2	19.6	29.8	42.0	55.9	76.2	92.3	110.0	130.4
-7.5°	0.0	5.6	11.1	19.5	29.6	41.7	55.5	75.5	91.7	109.2	129.3
-10°	0.0	5.5	11.0	19.3	29.4	41.3	54.9	74.5	90.8	108.0	127.9
-12.5°	0.0	5.5	10.9	19.1	29.0	40.7	54.2	73.3	89.6	106.6	126.0
-15°	0.0	5.4	10.8	18.8	28.6	40.1	53.3	71.7	88.3	104.9	123.7
-17.5°	0.0	5.3	10.7	18.5	28.1	39.3	52.2	69.9	86.6	102.8	121.1
-20°	0.0	5.3	10.5	18.2	27.5	38.5	51.0	67.8	84.8	100.5	118.0

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CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.2	10.3	17.7	26.8	37.5	49.7	65.5	82.7	97.8	114.6
-25°	0.0	5.1	10.1	17.3	26.1	36.4	48.2	62.9	80.4	94.9	110.8
-27.5°	0.0	5.0	9.9	16.8	25.3	35.2	46.5	60.1	77.8	91.8	107.2
-30°	0.0	4.8	9.7	16.3	24.4	33.9	44.7	57.0	74.6	88.7	103.3
-32.5°	0.0	4.7	9.4	15.7	23.5	32.5	42.8	54.5	70.7	85.3	99.1
-35°	0.0	4.6	9.2	15.1	22.5	31.0	40.9	52.1	66.7	81.7	94.6
-37.5°	0.0	4.4	8.9	14.4	21.4	29.5	39.0	49.5	62.3	77.9	90.2
-40°	0.0	4.3	8.6	13.7	20.3	28.1	37.0	46.8	57.8	73.1	85.7
-42.5°	0.0	4.1	8.3	13.0	19.2	26.6	34.9	43.9	54.0	67.6	81.0
-45°	0.0	4.0	7.9	12.2	18.2	25.1	32.7	41.1	50.6	62.0	75.9
-47.5°	0.0	3.8	7.6	11.4	17.1	23.4	30.3	38.4	47.0	56.1	69.3
-50°	0.0	3.6	7.2	10.8	16.0	21.7	28.3	35.6	43.3	51.9	62.5
-52.5°	0.0	3.4	6.8	10.2	14.8	20.0	26.1	32.7	39.8	47.6	55.7
-55°	0.0	3.2	6.4	9.6	13.6	18.4	24.0	29.7	36.4	43.2	50.8
-57.5°	0.0	3.0	6.0	9.0	12.4	16.9	21.7	27.1	32.9	39.1	45.7
-60°	0.0	2.8	5.6	8.4	11.2	15.3	19.5	24.4	29.4	35.0	40.7
-62.5°	0.0	2.6	5.2	7.7	10.3	13.7	17.5	21.7	26.2	30.9	36.1
-65°	0.0	2.4	4.7	7.1	9.4	12.0	15.6	19.0	23.0	27.1	31.4
-67.5°	0.0	2.1	4.3	6.4	8.5	10.6	13.5	16.7	19.8	23.5	27.1
-70°	0.0	1.9	3.8	5.7	7.6	9.5	11.5	14.3	17.0	19.8	23.0
-72.5°	0.0	1.7	3.4	5.0	6.7	8.4	10.0	11.8	14.3	16.7	19.0
-75°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.5	13.5	15.6
-77.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.5	10.6	12.0
-80°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.7	7.6	8.5	9.4
-82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.1
-85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-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: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

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°	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.4
85°	5.2	5.6	6.0	6.4	6.8	7.2	7.6	7.9	8.3	8.6	8.9
82.5°	7.7	8.4	9.0	9.6	10.2	10.8	11.4	12.2	13.0	13.7	14.4
80°	10.3	11.2	12.4	13.6	14.8	16.0	17.1	18.2	19.2	20.3	21.4
77.5°	13.7	15.3	16.9	18.4	20.0	21.7	23.4	25.1	26.6	28.1	29.5
75°	17.5	19.5	21.7	24.0	26.1	28.3	30.3	32.7	34.9	37.0	39.0
72.5°	21.7	24.4	27.1	29.7	32.7	35.6	38.4	41.1	43.9	46.8	49.5
70°	26.2	29.4	32.9	36.4	39.8	43.3	47.0	50.6	54.0	57.8	62.3
67.5°	30.9	35.0	39.1	43.2	47.6	51.9	56.1	62.0	67.6	73.1	77.9
65°	36.1	40.7	45.7	50.8	55.7	62.5	69.3	75.9	81.0	85.7	90.2
62.5°	41.3	47.0	52.6	59.1	67.1	74.9	81.1	86.8	92.2	97.9	103.4
60°	47.0	53.3	61.0	69.9	78.2	84.8	91.2	97.8	104.4	110.8	117.8
57.5°	52.6	61.0	70.9	79.7	87.0	94.3	101.9	109.4	117.5	125.5	133.7
55°	59.1	69.9	79.7	87.7	95.9	104.4	113.1	122.4	131.4	142.7	153.6
52.5°	67.1	78.2	87.0	95.9	105.3	115.0	125.3	136.6	149.3	162.5	178.0
50°	74.9	84.8	94.3	104.4	115.0	126.3	139.2	153.2	169.6	186.8	215.5
47.5°	81.1	91.2	101.9	113.1	125.3	139.2	154.6	173.1	192.2	232.0	272.6
45°	86.8	97.8	109.4	122.4	136.6	153.2	173.1	194.0	240.3	292.2	366.8
42.5°	92.2	104.4	117.5	131.4	149.3	169.6	192.2	240.3	299.5	381.6	491.3
40°	97.9	110.8	125.5	142.7	162.5	186.8	232.0	292.2	381.6	504.0	645.2
37.5°	103.4	117.8	133.7	153.6	178.0	215.5	272.6	366.8	491.3	645.2	771.2
35°	108.6	124.4	143.3	165.8	192.7	251.8	337.4	453.4	619.3	760.2	873.9
32.5°	114.1	130.7	152.3	178.7	223.1	293.9	401.1	568.1	727.1	861.0	940.4
30°	119.4	138.3	161.6	190.9	253.2	350.0	492.4	672.8	824.5	920.6	981.1
27.5°	124.4	145.6	172.1	213.0	285.7	402.6	587.6	758.4	888.0	969.2	1007.4
25°	129.0	152.3	181.7	237.1	330.9	475.6	672.3	838.4	937.3	992.4	1140.6
22.5°	133.9	158.5	190.6	259.2	372.4	551.2	740.7	885.6	971.8	1019.6	1293.0
20°	139.0	165.8	204.6	281.9	410.0	619.9	803.0	924.2	990.1	1149.5	1777.8
17.5°	143.4	172.3	220.9	312.8	462.4	676.6	855.0	958.9	1006.6	1266.8	2378.1
15°	147.3	178.0	235.2	339.8	512.0	721.8	883.2	974.7	1066.7	1481.6	2966.6
12.5°	150.7	182.8	247.4	362.9	554.4	760.4	907.3	986.2	1149.1	1905.1	5112.5
10°	153.4	186.8	257.5	381.9	589.3	792.3	927.2	995.7	1217.3	2257.0	6899.4
7.5°	155.5	190.0	265.3	396.8	616.7	817.4	942.9	1003.2	1271.0	2534.2	8309.6
5°	157.1	192.2	271.0	407.4	636.3	835.4	954.2	1008.6	1309.7	2734.1	9328.3
2.5°	158.0	193.6	274.4	413.9	648.1	846.2	960.9	1011.8	1333.0	2854.8	9944.1
0°	158.3	194.0	275.5	416.0	652.1	849.8	963.2	1012.9	1340.8	2895.2	10150.2
-2.5°	158.0	193.6	274.4	413.9	648.1	846.2	960.9	1011.8	1333.0	2854.8	9944.1
-5°	157.1	192.2	271.0	407.4	636.3	835.4	954.2	1008.6	1309.7	2734.1	9328.3
-7.5°	155.5	190.0	265.3	396.8	616.7	817.4	942.9	1003.2	1271.0	2534.2	8309.6
-10°	153.4	186.8	257.5	381.9	589.3	792.3	927.2	995.7	1217.3	2257.0	6899.4
-12.5°	150.7	182.8	247.4	362.9	554.4	760.4	907.3	986.2	1149.1	1905.1	5112.5
-15°	147.3	178.0	235.2	339.8	512.0	721.8	883.2	974.7	1066.7	1481.6	2966.6
-17.5°	143.4	172.3	220.9	312.8	462.4	676.6	855.0	958.9	1006.6	1266.8	2378.1
-20°	139.0	165.8	204.6	281.9	410.0	619.9	803.0	924.2	990.1	1149.5	1777.8

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CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	133.9	158.5	190.6	259.2	372.4	551.2	740.7	885.6	971.8	1019.6	1293.0
-25°	129.0	152.3	181.7	237.1	330.9	475.6	672.3	838.4	937.3	992.4	1140.6
-27.5°	124.4	145.6	172.1	213.0	285.7	402.6	587.6	758.4	888.0	969.2	1007.4
-30°	119.4	138.3	161.6	190.9	253.2	350.0	492.4	672.8	824.5	920.6	981.1
-32.5°	114.1	130.7	152.3	178.7	223.1	293.9	401.1	568.1	727.1	861.0	940.4
-35°	108.6	124.4	143.3	165.8	192.7	251.8	337.4	453.4	619.3	760.2	873.9
-37.5°	103.4	117.8	133.7	153.6	178.0	215.5	272.6	366.8	491.3	645.2	771.2
-40°	97.9	110.8	125.5	142.7	162.5	186.8	232.0	292.2	381.6	504.0	645.2
-42.5°	92.2	104.4	117.5	131.4	149.3	169.6	192.2	240.3	299.5	381.6	491.3
-45°	86.8	97.8	109.4	122.4	136.6	153.2	173.1	194.0	240.3	292.2	366.8
-47.5°	81.1	91.2	101.9	113.1	125.3	139.2	154.6	173.1	192.2	232.0	272.6
-50°	74.9	84.8	94.3	104.4	115.0	126.3	139.2	153.2	169.6	186.8	215.5
-52.5°	67.1	78.2	87.0	95.9	105.3	115.0	125.3	136.6	149.3	162.5	178.0
-55°	59.1	69.9	79.7	87.7	95.9	104.4	113.1	122.4	131.4	142.7	153.6
-57.5°	52.6	61.0	70.9	79.7	87.0	94.3	101.9	109.4	117.5	125.5	133.7
-60°	47.0	53.3	61.0	69.9	78.2	84.8	91.2	97.8	104.4	110.8	117.8
-62.5°	41.3	47.0	52.6	59.1	67.1	74.9	81.1	86.8	92.2	97.9	103.4
-65°	36.1	40.7	45.7	50.8	55.7	62.5	69.3	75.9	81.0	85.7	90.2
-67.5°	30.9	35.0	39.1	43.2	47.6	51.9	56.1	62.0	67.6	73.1	77.9
-70°	26.2	29.4	32.9	36.4	39.8	43.3	47.0	50.6	54.0	57.8	62.3
-72.5°	21.7	24.4	27.1	29.7	32.7	35.6	38.4	41.1	43.9	46.8	49.5
-75°	17.5	19.5	21.7	24.0	26.1	28.3	30.3	32.7	34.9	37.0	39.0
-77.5°	13.7	15.3	16.9	18.4	20.0	21.7	23.4	25.1	26.6	28.1	29.5
-80°	10.3	11.2	12.4	13.6	14.8	16.0	17.1	18.2	19.2	20.3	21.4
-82.5°	7.7	8.4	9.0	9.6	10.2	10.8	11.4	12.2	13.0	13.7	14.4
-85°	5.2	5.6	6.0	6.4	6.8	7.2	7.6	7.9	8.3	8.6	8.9
-87.5°	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.4
-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: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

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°	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.5
85°	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7	10.8	10.9	11.0
82.5°	15.1	15.7	16.3	16.8	17.3	17.7	18.2	18.5	18.8	19.1	19.3
80°	22.5	23.5	24.4	25.3	26.1	26.8	27.5	28.1	28.6	29.0	29.4
77.5°	31.0	32.5	33.9	35.2	36.4	37.5	38.5	39.3	40.1	40.7	41.3
75°	40.9	42.8	44.7	46.5	48.2	49.7	51.0	52.2	53.3	54.2	54.9
72.5°	52.1	54.5	57.0	60.1	62.9	65.5	67.8	69.9	71.7	73.3	74.5
70°	66.7	70.7	74.6	77.8	80.4	82.7	84.8	86.6	88.3	89.6	90.8
67.5°	81.7	85.3	88.7	91.8	94.9	97.8	100.5	102.8	104.9	106.6	108.0
65°	94.6	99.1	103.3	107.2	110.8	114.6	118.0	121.1	123.7	126.0	127.9
62.5°	108.6	114.1	119.4	124.4	129.0	133.9	139.0	143.4	147.3	150.7	153.4
60°	124.4	130.7	138.3	145.6	152.3	158.5	165.8	172.3	178.0	182.8	186.8
57.5°	143.3	152.3	161.6	172.1	181.7	190.6	204.6	220.9	235.2	247.4	257.5
55°	165.8	178.7	190.9	213.0	237.1	259.2	281.9	312.8	339.8	362.9	381.9
52.5°	192.7	223.1	253.2	285.7	330.9	372.4	410.0	462.4	512.0	554.4	589.3
50°	251.8	293.9	350.0	402.6	475.6	551.2	619.9	676.6	721.8	760.4	792.3
47.5°	337.4	401.1	492.4	587.6	672.3	740.7	803.0	855.0	883.2	907.3	927.2
45°	453.4	568.1	672.8	758.4	838.4	885.6	924.2	958.9	974.7	986.2	995.7
42.5°	619.3	727.1	824.5	888.0	937.3	971.8	990.1	1006.6	1066.7	1149.1	1217.3
40°	760.2	861.0	920.6	969.2	992.4	1019.6	1149.5	1266.8	1481.6	1905.1	2257.0
37.5°	873.9	940.4	981.1	1007.4	1140.6	1293.0	1777.8	2378.1	2966.6	5112.5	6899.4
35°	947.1	987.0	1037.4	1223.0	1612.3	2387.0	3857.3	6883.1	9574.3	14080.9	18439.7
32.5°	987.0	1057.7	1264.7	1916.4	2802.7	6338.9	9925.2	16962.5	23493.9	29198.9	34002.5
30°	1037.4	1264.7	2018.8	3447.1	7857.9	14309.4	22944.9	30890.5	38045.9	43570.2	46262.4
27.5°	1223.0	1916.4	3447.1	8369.4	16679.4	26620.7	35995.7	43736.5	47718.6	51211.5	51924.8
25°	1612.3	2802.7	7857.9	16679.4	27872.6	38597.7	45813.4	50586.9	52103.6	53011.4	53765.4
22.5°	2387.0	6338.9	14309.4	26620.7	38597.7	46515.6	51423.7	52649.5	53751.6	54715.2	55786.3
20°	3857.3	9925.2	22944.9	35995.7	45813.4	51423.7	52834.7	54128.9	55403.7	57157.3	58994.1
17.5°	6883.1	16962.5	30890.5	43736.5	50586.9	52649.5	54128.9	55738.8	57868.1	61342.0	64858.1
15°	9574.3	23493.9	38045.9	47718.6	52103.6	53751.6	55403.7	57868.1	62147.3	69712.5	81760.2
12.5°	14080.9	29198.9	43570.2	51211.5	53011.4	54715.2	57157.3	61342.0	69712.5	84686.3	138159.4
10°	18439.7	34002.5	46262.4	51924.8	53765.4	55786.3	58994.1	64858.1	81760.2	138159.4	235091.2
7.5°	21887.4	37812.4	48404.9	52485.5	54365.8	56891.7	61570.9	73321.5	111760.0	203422.6	373585.4
5°	24382.3	40575.6	49963.1	52894.7	54805.8	57706.6	63485.2	79998.2	143776.7	288487.3	489959.1
2.5°	25892.5	42250.7	50909.5	53143.8	55074.7	58206.6	64666.5	84152.0	163935.3	349151.1	557411.8
0°	26398.2	42812.1	51227.0	53227.5	55165.1	58375.2	65066.1	85563.3	170831.4	371482.8	580496.7
-2.5°	25892.5	42250.7	50909.5	53143.8	55074.7	58206.6	64666.5	84152.0	163935.3	349151.1	557411.8
-5°	24382.3	40575.6	49963.1	52894.7	54805.8	57706.6	63485.2	79998.2	143776.7	288487.3	489959.1
-7.5°	21887.4	37812.4	48404.9	52485.5	54365.8	56891.7	61570.9	73321.5	111760.0	203422.6	373585.4
-10°	18439.7	34002.5	46262.4	51924.8	53765.4	55786.3	58994.1	64858.1	81760.2	138159.4	235091.2
-12.5°	14080.9	29198.9	43570.2	51211.5	53011.4	54715.2	57157.3	61342.0	69712.5	84686.3	138159.4
-15°	9574.3	23493.9	38045.9	47718.6	52103.6	53751.6	55403.7	57868.1	62147.3	69712.5	81760.2
-17.5°	6883.1	16962.5	30890.5	43736.5	50586.9	52649.5	54128.9	55738.8	57868.1	61342.0	64858.1
-20°	3857.3	9925.2	22944.9	35995.7	45813.4	51423.7	52834.7	54128.9	55403.7	57157.3	58994.1

REPORT NUMBER: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2387.0	6338.9	14309.4	26620.7	38597.7	46515.6	51423.7	52649.5	53751.6	54715.2	55786.3
-25°	1612.3	2802.7	7857.9	16679.4	27872.6	38597.7	45813.4	50586.9	52103.6	53011.4	53765.4
-27.5°	1223.0	1916.4	3447.1	8369.4	16679.4	26620.7	35995.7	43736.5	47718.6	51211.5	51924.8
-30°	1037.4	1264.7	2018.8	3447.1	7857.9	14309.4	22944.9	30890.5	38045.9	43570.2	46262.4
-32.5°	987.0	1057.7	1264.7	1916.4	2802.7	6338.9	9925.2	16962.5	23493.9	29198.9	34002.5
-35°	947.1	987.0	1037.4	1223.0	1612.3	2387.0	3857.3	6883.1	9574.3	14080.9	18439.7
-37.5°	873.9	940.4	981.1	1007.4	1140.6	1293.0	1777.8	2378.1	2966.6	5112.5	6899.4
-40°	760.2	861.0	920.6	969.2	992.4	1019.6	1149.5	1266.8	1481.6	1905.1	2257.0
-42.5°	619.3	727.1	824.5	888.0	937.3	971.8	990.1	1006.6	1066.7	1149.1	1217.3
-45°	453.4	568.1	672.8	758.4	838.4	885.6	924.2	958.9	974.7	986.2	995.7
-47.5°	337.4	401.1	492.4	587.6	672.3	740.7	803.0	855.0	883.2	907.3	927.2
-50°	251.8	293.9	350.0	402.6	475.6	551.2	619.9	676.6	721.8	760.4	792.3
-52.5°	192.7	223.1	253.2	285.7	330.9	372.4	410.0	462.4	512.0	554.4	589.3
-55°	165.8	178.7	190.9	213.0	237.1	259.2	281.9	312.8	339.8	362.9	381.9
-57.5°	143.3	152.3	161.6	172.1	181.7	190.6	204.6	220.9	235.2	247.4	257.5
-60°	124.4	130.7	138.3	145.6	152.3	158.5	165.8	172.3	178.0	182.8	186.8
-62.5°	108.6	114.1	119.4	124.4	129.0	133.9	139.0	143.4	147.3	150.7	153.4
-65°	94.6	99.1	103.3	107.2	110.8	114.6	118.0	121.1	123.7	126.0	127.9
-67.5°	81.7	85.3	88.7	91.8	94.9	97.8	100.5	102.8	104.9	106.6	108.0
-70°	66.7	70.7	74.6	77.8	80.4	82.7	84.8	86.6	88.3	89.6	90.8
-72.5°	52.1	54.5	57.0	60.1	62.9	65.5	67.8	69.9	71.7	73.3	74.5
-75°	40.9	42.8	44.7	46.5	48.2	49.7	51.0	52.2	53.3	54.2	54.9
-77.5°	31.0	32.5	33.9	35.2	36.4	37.5	38.5	39.3	40.1	40.7	41.3
-80°	22.5	23.5	24.4	25.3	26.1	26.8	27.5	28.1	28.6	29.0	29.4
-82.5°	15.1	15.7	16.3	16.8	17.3	17.7	18.2	18.5	18.8	19.1	19.3
-85°	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7	10.8	10.9	11.0
-87.5°	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.5
-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: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

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°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3
85°	11.1	11.2	11.2	11.2	11.2	11.2	11.1	11.0	10.9	10.8	10.7
82.5°	19.5	19.6	19.7	19.7	19.7	19.6	19.5	19.3	19.1	18.8	18.5
80°	29.6	29.8	30.0	30.0	30.0	29.8	29.6	29.4	29.0	28.6	28.1
77.5°	41.7	42.0	42.1	42.2	42.1	42.0	41.7	41.3	40.7	40.1	39.3
75°	55.5	55.9	56.1	56.2	56.1	55.9	55.5	54.9	54.2	53.3	52.2
72.5°	75.5	76.2	76.7	76.8	76.7	76.2	75.5	74.5	73.3	71.7	69.9
70°	91.7	92.3	92.7	92.8	92.7	92.3	91.7	90.8	89.6	88.3	86.6
67.5°	109.2	110.0	110.4	110.6	110.4	110.0	109.2	108.0	106.6	104.9	102.8
65°	129.3	130.4	131.0	131.2	131.0	130.4	129.3	127.9	126.0	123.7	121.1
62.5°	155.5	157.1	158.0	158.3	158.0	157.1	155.5	153.4	150.7	147.3	143.4
60°	190.0	192.2	193.6	194.0	193.6	192.2	190.0	186.8	182.8	178.0	172.3
57.5°	265.3	271.0	274.4	275.5	274.4	271.0	265.3	257.5	247.4	235.2	220.9
55°	396.8	407.4	413.9	416.0	413.9	407.4	396.8	381.9	362.9	339.8	312.8
52.5°	616.7	636.3	648.1	652.1	648.1	636.3	616.7	589.3	554.4	512.0	462.4
50°	817.4	835.4	846.2	849.8	846.2	835.4	817.4	792.3	760.4	721.8	676.6
47.5°	942.9	954.2	960.9	963.2	960.9	954.2	942.9	927.2	907.3	883.2	855.0
45°	1003.2	1008.6	1011.8	1012.9	1011.8	1008.6	1003.2	995.7	986.2	974.7	958.9
42.5°	1271.0	1309.7	1333.0	1340.8	1333.0	1309.7	1271.0	1217.3	1149.1	1066.7	1006.6
40°	2534.2	2734.1	2854.8	2895.2	2854.8	2734.1	2534.2	2257.0	1905.1	1481.6	1266.8
37.5°	8309.6	9328.3	9944.1	10150.2	9944.1	9328.3	8309.6	6899.4	5112.5	2966.6	2378.1
35°	21887.4	24382.3	25892.5	26398.2	25892.5	24382.3	21887.4	18439.7	14080.9	9574.3	6883.1
32.5°	37812.4	40575.6	42250.7	42812.1	42250.7	40575.6	37812.4	34002.5	29198.9	23493.9	16962.5
30°	48404.9	49963.1	50909.5	51227.0	50909.5	49963.1	48404.9	46262.4	43570.2	38045.9	30890.5
27.5°	52485.5	52894.7	53143.8	53227.5	53143.8	52894.7	52485.5	51924.8	51211.5	47718.6	43736.5
25°	54365.8	54805.8	55074.7	55165.1	55074.7	54805.8	54365.8	53765.4	53011.4	52103.6	50586.9
22.5°	56891.7	57706.6	58206.6	58375.2	58206.6	57706.6	56891.7	55786.3	54715.2	53751.6	52649.5
20°	61570.9	63485.2	64666.5	65066.1	64666.5	63485.2	61570.9	58994.1	57157.3	55403.7	54128.9
17.5°	73321.5	79998.2	84152.0	85563.3	84152.0	79998.2	73321.5	64858.1	61342.0	57868.1	55738.8
15°	111760.0	143776.7	163935.3	170831.4	163935.3	143776.7	111760.0	81760.2	69712.5	62147.3	57868.1
12.5°	203422.6	288487.3	349151.1	371482.8	349151.1	288487.3	203422.6	138159.4	84686.3	69712.5	61342.0
10°	373585.4	489959.1	557411.8	580496.7	557411.8	489959.1	373585.4	235091.2	138159.4	81760.2	64858.1
7.5°	535686.5	635008.0	668786.4	675608.6	668786.4	635008.0	535686.5	373585.4	203422.6	111760.0	73321.5
5°	635008.0	682938.0	688542.8	688171.5	688542.8	682938.0	635008.0	489959.1	288487.3	143776.7	79998.2
2.5°	668786.4	688542.8	683114.0	679966.5	683114.0	688542.8	668786.4	557411.8	349151.1	163935.3	84152.0
0°	675608.6	688171.5	679966.5	677695.2	679966.5	688171.5	675608.6	580496.7	371482.8	170831.4	85563.3
-2.5°	668786.4	688542.8	683114.0	679966.5	683114.0	688542.8	668786.4	557411.8	349151.1	163935.3	84152.0
-5°	635008.0	682938.0	688542.8	688171.5	688542.8	682938.0	635008.0	489959.1	288487.3	143776.7	79998.2
-7.5°	535686.5	635008.0	668786.4	675608.6	668786.4	635008.0	535686.5	373585.4	203422.6	111760.0	73321.5
-10°	373585.4	489959.1	557411.8	580496.7	557411.8	489959.1	373585.4	235091.2	138159.4	81760.2	64858.1
-12.5°	203422.6	288487.3	349151.1	371482.8	349151.1	288487.3	203422.6	138159.4	84686.3	69712.5	61342.0
-15°	111760.0	143776.7	163935.3	170831.4	163935.3	143776.7	111760.0	81760.2	69712.5	62147.3	57868.1
-17.5°	73321.5	79998.2	84152.0	85563.3	84152.0	79998.2	73321.5	64858.1	61342.0	57868.1	55738.8
-20°	61570.9	63485.2	64666.5	65066.1	64666.5	63485.2	61570.9	58994.1	57157.3	55403.7	54128.9

REPORT NUMBER: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	56891.7	57706.6	58206.6	58375.2	58206.6	57706.6	56891.7	55786.3	54715.2	53751.6	52649.5
-25°	54365.8	54805.8	55074.7	55165.1	55074.7	54805.8	54365.8	53765.4	53011.4	52103.6	50586.9
-27.5°	52485.5	52894.7	53143.8	53227.5	53143.8	52894.7	52485.5	51924.8	51211.5	47718.6	43736.5
-30°	48404.9	49963.1	50909.5	51227.0	50909.5	49963.1	48404.9	46262.4	43570.2	38045.9	30890.5
-32.5°	37812.4	40575.6	42250.7	42812.1	42250.7	40575.6	37812.4	34002.5	29198.9	23493.9	16962.5
-35°	21887.4	24382.3	25892.5	26398.2	25892.5	24382.3	21887.4	18439.7	14080.9	9574.3	6883.1
-37.5°	8309.6	9328.3	9944.1	10150.2	9944.1	9328.3	8309.6	6899.4	5112.5	2966.6	2378.1
-40°	2534.2	2734.1	2854.8	2895.2	2854.8	2734.1	2534.2	2257.0	1905.1	1481.6	1266.8
-42.5°	1271.0	1309.7	1333.0	1340.8	1333.0	1309.7	1271.0	1217.3	1149.1	1066.7	1006.6
-45°	1003.2	1008.6	1011.8	1012.9	1011.8	1008.6	1003.2	995.7	986.2	974.7	958.9
-47.5°	942.9	954.2	960.9	963.2	960.9	954.2	942.9	927.2	907.3	883.2	855.0
-50°	817.4	835.4	846.2	849.8	846.2	835.4	817.4	792.3	760.4	721.8	676.6
-52.5°	616.7	636.3	648.1	652.1	648.1	636.3	616.7	589.3	554.4	512.0	462.4
-55°	396.8	407.4	413.9	416.0	413.9	407.4	396.8	381.9	362.9	339.8	312.8
-57.5°	265.3	271.0	274.4	275.5	274.4	271.0	265.3	257.5	247.4	235.2	220.9
-60°	190.0	192.2	193.6	194.0	193.6	192.2	190.0	186.8	182.8	178.0	172.3
-62.5°	155.5	157.1	158.0	158.3	158.0	157.1	155.5	153.4	150.7	147.3	143.4
-65°	129.3	130.4	131.0	131.2	131.0	130.4	129.3	127.9	126.0	123.7	121.1
-67.5°	109.2	110.0	110.4	110.6	110.4	110.0	109.2	108.0	106.6	104.9	102.8
-70°	91.7	92.3	92.7	92.8	92.7	92.3	91.7	90.8	89.6	88.3	86.6
-72.5°	75.5	76.2	76.7	76.8	76.7	76.2	75.5	74.5	73.3	71.7	69.9
-75°	55.5	55.9	56.1	56.2	56.1	55.9	55.5	54.9	54.2	53.3	52.2
-77.5°	41.7	42.0	42.1	42.2	42.1	42.0	41.7	41.3	40.7	40.1	39.3
-80°	29.6	29.8	30.0	30.0	30.0	29.8	29.6	29.4	29.0	28.6	28.1
-82.5°	19.5	19.6	19.7	19.7	19.7	19.6	19.5	19.3	19.1	18.8	18.5
-85°	11.1	11.2	11.2	11.2	11.2	11.2	11.1	11.0	10.9	10.8	10.7
-87.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3
-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: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

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°	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0
85°	10.5	10.3	10.1	9.9	9.7	9.4	9.2	8.9	8.6	8.3	7.9
82.5°	18.2	17.7	17.3	16.8	16.3	15.7	15.1	14.4	13.7	13.0	12.2
80°	27.5	26.8	26.1	25.3	24.4	23.5	22.5	21.4	20.3	19.2	18.2
77.5°	38.5	37.5	36.4	35.2	33.9	32.5	31.0	29.5	28.1	26.6	25.1
75°	51.0	49.7	48.2	46.5	44.7	42.8	40.9	39.0	37.0	34.9	32.7
72.5°	67.8	65.5	62.9	60.1	57.0	54.5	52.1	49.5	46.8	43.9	41.1
70°	84.8	82.7	80.4	77.8	74.6	70.7	66.7	62.3	57.8	54.0	50.6
67.5°	100.5	97.8	94.9	91.8	88.7	85.3	81.7	77.9	73.1	67.6	62.0
65°	118.0	114.6	110.8	107.2	103.3	99.1	94.6	90.2	85.7	81.0	75.9
62.5°	139.0	133.9	129.0	124.4	119.4	114.1	108.6	103.4	97.9	92.2	86.8
60°	165.8	158.5	152.3	145.6	138.3	130.7	124.4	117.8	110.8	104.4	97.8
57.5°	204.6	190.6	181.7	172.1	161.6	152.3	143.3	133.7	125.5	117.5	109.4
55°	281.9	259.2	237.1	213.0	190.9	178.7	165.8	153.6	142.7	131.4	122.4
52.5°	410.0	372.4	330.9	285.7	253.2	223.1	192.7	178.0	162.5	149.3	136.6
50°	619.9	551.2	475.6	402.6	350.0	293.9	251.8	215.5	186.8	169.6	153.2
47.5°	803.0	740.7	672.3	587.6	492.4	401.1	337.4	272.6	232.0	192.2	173.1
45°	924.2	885.6	838.4	758.4	672.8	568.1	453.4	366.8	292.2	240.3	194.0
42.5°	990.1	971.8	937.3	888.0	824.5	727.1	619.3	491.3	381.6	299.5	240.3
40°	1149.5	1019.6	992.4	969.2	920.6	861.0	760.2	645.2	504.0	381.6	292.2
37.5°	1777.8	1293.0	1140.6	1007.4	981.1	940.4	873.9	771.2	645.2	491.3	366.8
35°	3857.3	2387.0	1612.3	1223.0	1037.4	987.0	947.1	873.9	760.2	619.3	453.4
32.5°	9925.2	6338.9	2802.7	1916.4	1264.7	1057.7	987.0	940.4	861.0	727.1	568.1
30°	22944.9	14309.4	7857.9	3447.1	2018.8	1264.7	1037.4	981.1	920.6	824.5	672.8
27.5°	35995.7	26620.7	16679.4	8369.4	3447.1	1916.4	1223.0	1007.4	969.2	888.0	758.4
25°	45813.4	38597.7	27872.6	16679.4	7857.9	2802.7	1612.3	1140.6	992.4	937.3	838.4
22.5°	51423.7	46515.6	38597.7	26620.7	14309.4	6338.9	2387.0	1293.0	1019.6	971.8	885.6
20°	52834.7	51423.7	45813.4	35995.7	22944.9	9925.2	3857.3	1777.8	1149.5	990.1	924.2
17.5°	54128.9	52649.5	50586.9	43736.5	30890.5	16962.5	6883.1	2378.1	1266.8	1006.6	958.9
15°	55403.7	53751.6	52103.6	47718.6	38045.9	23493.9	9574.3	2966.6	1481.6	1066.7	974.7
12.5°	57157.3	54715.2	53011.4	51211.5	43570.2	29198.9	14080.9	5112.5	1905.1	1149.1	986.2
10°	58994.1	55786.3	53765.4	51924.8	46262.4	34002.5	18439.7	6899.4	2257.0	1217.3	995.7
7.5°	61570.9	56891.7	54365.8	52485.5	48404.9	37812.4	21887.4	8309.6	2534.2	1271.0	1003.2
5°	63485.2	57706.6	54805.8	52894.7	49963.1	40575.6	24382.3	9328.3	2734.1	1309.7	1008.6
2.5°	64666.5	58206.6	55074.7	53143.8	50909.5	42250.7	25892.5	9944.1	2854.8	1333.0	1011.8
0°	65066.1	58375.2	55165.1	53227.5	51227.0	42812.1	26398.2	10150.2	2895.2	1340.8	1012.9
-2.5°	64666.5	58206.6	55074.7	53143.8	50909.5	42250.7	25892.5	9944.1	2854.8	1333.0	1011.8
-5°	63485.2	57706.6	54805.8	52894.7	49963.1	40575.6	24382.3	9328.3	2734.1	1309.7	1008.6
-7.5°	61570.9	56891.7	54365.8	52485.5	48404.9	37812.4	21887.4	8309.6	2534.2	1271.0	1003.2
-10°	58994.1	55786.3	53765.4	51924.8	46262.4	34002.5	18439.7	6899.4	2257.0	1217.3	995.7
-12.5°	57157.3	54715.2	53011.4	51211.5	43570.2	29198.9	14080.9	5112.5	1905.1	1149.1	986.2
-15°	55403.7	53751.6	52103.6	47718.6	38045.9	23493.9	9574.3	2966.6	1481.6	1066.7	974.7
-17.5°	54128.9	52649.5	50586.9	43736.5	30890.5	16962.5	6883.1	2378.1	1266.8	1006.6	958.9
-20°	52834.7	51423.7	45813.4	35995.7	22944.9	9925.2	3857.3	1777.8	1149.5	990.1	924.2

REPORT NUMBER: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	51423.7	46515.6	38597.7	26620.7	14309.4	6338.9	2387.0	1293.0	1019.6	971.8	885.6
-25°	45813.4	38597.7	27872.6	16679.4	7857.9	2802.7	1612.3	1140.6	992.4	937.3	838.4
-27.5°	35995.7	26620.7	16679.4	8369.4	3447.1	1916.4	1223.0	1007.4	969.2	888.0	758.4
-30°	22944.9	14309.4	7857.9	3447.1	2018.8	1264.7	1037.4	981.1	920.6	824.5	672.8
-32.5°	9925.2	6338.9	2802.7	1916.4	1264.7	1057.7	987.0	940.4	861.0	727.1	568.1
-35°	3857.3	2387.0	1612.3	1223.0	1037.4	987.0	947.1	873.9	760.2	619.3	453.4
-37.5°	1777.8	1293.0	1140.6	1007.4	981.1	940.4	873.9	771.2	645.2	491.3	366.8
-40°	1149.5	1019.6	992.4	969.2	920.6	861.0	760.2	645.2	504.0	381.6	292.2
-42.5°	990.1	971.8	937.3	888.0	824.5	727.1	619.3	491.3	381.6	299.5	240.3
-45°	924.2	885.6	838.4	758.4	672.8	568.1	453.4	366.8	292.2	240.3	194.0
-47.5°	803.0	740.7	672.3	587.6	492.4	401.1	337.4	272.6	232.0	192.2	173.1
-50°	619.9	551.2	475.6	402.6	350.0	293.9	251.8	215.5	186.8	169.6	153.2
-52.5°	410.0	372.4	330.9	285.7	253.2	223.1	192.7	178.0	162.5	149.3	136.6
-55°	281.9	259.2	237.1	213.0	190.9	178.7	165.8	153.6	142.7	131.4	122.4
-57.5°	204.6	190.6	181.7	172.1	161.6	152.3	143.3	133.7	125.5	117.5	109.4
-60°	165.8	158.5	152.3	145.6	138.3	130.7	124.4	117.8	110.8	104.4	97.8
-62.5°	139.0	133.9	129.0	124.4	119.4	114.1	108.6	103.4	97.9	92.2	86.8
-65°	118.0	114.6	110.8	107.2	103.3	99.1	94.6	90.2	85.7	81.0	75.9
-67.5°	100.5	97.8	94.9	91.8	88.7	85.3	81.7	77.9	73.1	67.6	62.0
-70°	84.8	82.7	80.4	77.8	74.6	70.7	66.7	62.3	57.8	54.0	50.6
-72.5°	67.8	65.5	62.9	60.1	57.0	54.5	52.1	49.5	46.8	43.9	41.1
-75°	51.0	49.7	48.2	46.5	44.7	42.8	40.9	39.0	37.0	34.9	32.7
-77.5°	38.5	37.5	36.4	35.2	33.9	32.5	31.0	29.5	28.1	26.6	25.1
-80°	27.5	26.8	26.1	25.3	24.4	23.5	22.5	21.4	20.3	19.2	18.2
-82.5°	18.2	17.7	17.3	16.8	16.3	15.7	15.1	14.4	13.7	13.0	12.2
-85°	10.5	10.3	10.1	9.9	9.7	9.4	9.2	8.9	8.6	8.3	7.9
-87.5°	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0
-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: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

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°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
85°	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.7	4.3	3.8	3.4
82.5°	11.4	10.8	10.2	9.6	9.0	8.4	7.7	7.1	6.4	5.7	5.0
80°	17.1	16.0	14.8	13.6	12.4	11.2	10.3	9.4	8.5	7.6	6.7
77.5°	23.4	21.7	20.0	18.4	16.9	15.3	13.7	12.0	10.6	9.5	8.4
75°	30.3	28.3	26.1	24.0	21.7	19.5	17.5	15.6	13.5	11.5	10.0
72.5°	38.4	35.6	32.7	29.7	27.1	24.4	21.7	19.0	16.7	14.3	11.8
70°	47.0	43.3	39.8	36.4	32.9	29.4	26.2	23.0	19.8	17.0	14.3
67.5°	56.1	51.9	47.6	43.2	39.1	35.0	30.9	27.1	23.5	19.8	16.7
65°	69.3	62.5	55.7	50.8	45.7	40.7	36.1	31.4	27.1	23.0	19.0
62.5°	81.1	74.9	67.1	59.1	52.6	47.0	41.3	36.1	30.9	26.2	21.7
60°	91.2	84.8	78.2	69.9	61.0	53.3	47.0	40.7	35.0	29.4	24.4
57.5°	101.9	94.3	87.0	79.7	70.9	61.0	52.6	45.7	39.1	32.9	27.1
55°	113.1	104.4	95.9	87.7	79.7	69.9	59.1	50.8	43.2	36.4	29.7
52.5°	125.3	115.0	105.3	95.9	87.0	78.2	67.1	55.7	47.6	39.8	32.7
50°	139.2	126.3	115.0	104.4	94.3	84.8	74.9	62.5	51.9	43.3	35.6
47.5°	154.6	139.2	125.3	113.1	101.9	91.2	81.1	69.3	56.1	47.0	38.4
45°	173.1	153.2	136.6	122.4	109.4	97.8	86.8	75.9	62.0	50.6	41.1
42.5°	192.2	169.6	149.3	131.4	117.5	104.4	92.2	81.0	67.6	54.0	43.9
40°	232.0	186.8	162.5	142.7	125.5	110.8	97.9	85.7	73.1	57.8	46.8
37.5°	272.6	215.5	178.0	153.6	133.7	117.8	103.4	90.2	77.9	62.3	49.5
35°	337.4	251.8	192.7	165.8	143.3	124.4	108.6	94.6	81.7	66.7	52.1
32.5°	401.1	293.9	223.1	178.7	152.3	130.7	114.1	99.1	85.3	70.7	54.5
30°	492.4	350.0	253.2	190.9	161.6	138.3	119.4	103.3	88.7	74.6	57.0
27.5°	587.6	402.6	285.7	213.0	172.1	145.6	124.4	107.2	91.8	77.8	60.1
25°	672.3	475.6	330.9	237.1	181.7	152.3	129.0	110.8	94.9	80.4	62.9
22.5°	740.7	551.2	372.4	259.2	190.6	158.5	133.9	114.6	97.8	82.7	65.5
20°	803.0	619.9	410.0	281.9	204.6	165.8	139.0	118.0	100.5	84.8	67.8
17.5°	855.0	676.6	462.4	312.8	220.9	172.3	143.4	121.1	102.8	86.6	69.9
15°	883.2	721.8	512.0	339.8	235.2	178.0	147.3	123.7	104.9	88.3	71.7
12.5°	907.3	760.4	554.4	362.9	247.4	182.8	150.7	126.0	106.6	89.6	73.3
10°	927.2	792.3	589.3	381.9	257.5	186.8	153.4	127.9	108.0	90.8	74.5
7.5°	942.9	817.4	616.7	396.8	265.3	190.0	155.5	129.3	109.2	91.7	75.5
5°	954.2	835.4	636.3	407.4	271.0	192.2	157.1	130.4	110.0	92.3	76.2
2.5°	960.9	846.2	648.1	413.9	274.4	193.6	158.0	131.0	110.4	92.7	76.7
0°	963.2	849.8	652.1	416.0	275.5	194.0	158.3	131.2	110.6	92.8	76.8
-2.5°	960.9	846.2	648.1	413.9	274.4	193.6	158.0	131.0	110.4	92.7	76.7
-5°	954.2	835.4	636.3	407.4	271.0	192.2	157.1	130.4	110.0	92.3	76.2
-7.5°	942.9	817.4	616.7	396.8	265.3	190.0	155.5	129.3	109.2	91.7	75.5
-10°	927.2	792.3	589.3	381.9	257.5	186.8	153.4	127.9	108.0	90.8	74.5
-12.5°	907.3	760.4	554.4	362.9	247.4	182.8	150.7	126.0	106.6	89.6	73.3
-15°	883.2	721.8	512.0	339.8	235.2	178.0	147.3	123.7	104.9	88.3	71.7
-17.5°	855.0	676.6	462.4	312.8	220.9	172.3	143.4	121.1	102.8	86.6	69.9
-20°	803.0	619.9	410.0	281.9	204.6	165.8	139.0	118.0	100.5	84.8	67.8

REPORT NUMBER: P699879 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-5R-S

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	740.7	551.2	372.4	259.2	190.6	158.5	133.9	114.6	97.8	82.7	65.5
-25°	672.3	475.6	330.9	237.1	181.7	152.3	129.0	110.8	94.9	80.4	62.9
-27.5°	587.6	402.6	285.7	213.0	172.1	145.6	124.4	107.2	91.8	77.8	60.1
-30°	492.4	350.0	253.2	190.9	161.6	138.3	119.4	103.3	88.7	74.6	57.0
-32.5°	401.1	293.9	223.1	178.7	152.3	130.7	114.1	99.1	85.3	70.7	54.5
-35°	337.4	251.8	192.7	165.8	143.3	124.4	108.6	94.6	81.7	66.7	52.1
-37.5°	272.6	215.5	178.0	153.6	133.7	117.8	103.4	90.2	77.9	62.3	49.5
-40°	232.0	186.8	162.5	142.7	125.5	110.8	97.9	85.7	73.1	57.8	46.8
-42.5°	192.2	169.6	149.3	131.4	117.5	104.4	92.2	81.0	67.6	54.0	43.9
-45°	173.1	153.2	136.6	122.4	109.4	97.8	86.8	75.9	62.0	50.6	41.1
-47.5°	154.6	139.2	125.3	113.1	101.9	91.2	81.1	69.3	56.1	47.0	38.4
-50°	139.2	126.3	115.0	104.4	94.3	84.8	74.9	62.5	51.9	43.3	35.6
-52.5°	125.3	115.0	105.3	95.9	87.0	78.2	67.1	55.7	47.6	39.8	32.7
-55°	113.1	104.4	95.9	87.7	79.7	69.9	59.1	50.8	43.2	36.4	29.7
-57.5°	101.9	94.3	87.0	79.7	70.9	61.0	52.6	45.7	39.1	32.9	27.1
-60°	91.2	84.8	78.2	69.9	61.0	53.3	47.0	40.7	35.0	29.4	24.4
-62.5°	81.1	74.9	67.1	59.1	52.6	47.0	41.3	36.1	30.9	26.2	21.7
-65°	69.3	62.5	55.7	50.8	45.7	40.7	36.1	31.4	27.1	23.0	19.0
-67.5°	56.1	51.9	47.6	43.2	39.1	35.0	30.9	27.1	23.5	19.8	16.7
-70°	47.0	43.3	39.8	36.4	32.9	29.4	26.2	23.0	19.8	17.0	14.3
-72.5°	38.4	35.6	32.7	29.7	27.1	24.4	21.7	19.0	16.7	14.3	11.8
-75°	30.3	28.3	26.1	24.0	21.7	19.5	17.5	15.6	13.5	11.5	10.0
-77.5°	23.4	21.7	20.0	18.4	16.9	15.3	13.7	12.0	10.6	9.5	8.4
-80°	17.1	16.0	14.8	13.6	12.4	11.2	10.3	9.4	8.5	7.6	6.7
-82.5°	11.4	10.8	10.2	9.6	9.0	8.4	7.7	7.1	6.4	5.7	5.0
-85°	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.7	4.3	3.8	3.4
-87.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
-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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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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
80°	5.8	4.8	3.9	2.9	1.9	1.0	0.0
77.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0
75°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
72.5°	10.0	8.4	6.7	5.0	3.4	1.7	0.0
70°	11.5	9.5	7.6	5.7	3.8	1.9	0.0
67.5°	13.5	10.6	8.5	6.4	4.3	2.1	0.0
65°	15.6	12.0	9.4	7.1	4.7	2.4	0.0
62.5°	17.5	13.7	10.3	7.7	5.2	2.6	0.0
60°	19.5	15.3	11.2	8.4	5.6	2.8	0.0
57.5°	21.7	16.9	12.4	9.0	6.0	3.0	0.0
55°	24.0	18.4	13.6	9.6	6.4	3.2	0.0
52.5°	26.1	20.0	14.8	10.2	6.8	3.4	0.0
50°	28.3	21.7	16.0	10.8	7.2	3.6	0.0
47.5°	30.3	23.4	17.1	11.4	7.6	3.8	0.0
45°	32.7	25.1	18.2	12.2	7.9	4.0	0.0
42.5°	34.9	26.6	19.2	13.0	8.3	4.1	0.0
40°	37.0	28.1	20.3	13.7	8.6	4.3	0.0
37.5°	39.0	29.5	21.4	14.4	8.9	4.4	0.0
35°	40.9	31.0	22.5	15.1	9.2	4.6	0.0
32.5°	42.8	32.5	23.5	15.7	9.4	4.7	0.0
30°	44.7	33.9	24.4	16.3	9.7	4.8	0.0
27.5°	46.5	35.2	25.3	16.8	9.9	5.0	0.0
25°	48.2	36.4	26.1	17.3	10.1	5.1	0.0
22.5°	49.7	37.5	26.8	17.7	10.3	5.2	0.0
20°	51.0	38.5	27.5	18.2	10.5	5.3	0.0
17.5°	52.2	39.3	28.1	18.5	10.7	5.3	0.0
15°	53.3	40.1	28.6	18.8	10.8	5.4	0.0
12.5°	54.2	40.7	29.0	19.1	10.9	5.5	0.0
10°	54.9	41.3	29.4	19.3	11.0	5.5	0.0
7.5°	55.5	41.7	29.6	19.5	11.1	5.6	0.0
5°	55.9	42.0	29.8	19.6	11.2	5.6	0.0
2.5°	56.1	42.1	30.0	19.7	11.2	5.6	0.0
0°	56.2	42.2	30.0	19.7	11.2	5.6	0.0
-2.5°	56.1	42.1	30.0	19.7	11.2	5.6	0.0
-5°	55.9	42.0	29.8	19.6	11.2	5.6	0.0
-7.5°	55.5	41.7	29.6	19.5	11.1	5.6	0.0
-10°	54.9	41.3	29.4	19.3	11.0	5.5	0.0
-12.5°	54.2	40.7	29.0	19.1	10.9	5.5	0.0
-15°	53.3	40.1	28.6	18.8	10.8	5.4	0.0
-17.5°	52.2	39.3	28.1	18.5	10.7	5.3	0.0
-20°	51.0	38.5	27.5	18.2	10.5	5.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	49.7	37.5	26.8	17.7	10.3	5.2	0.0
-25°	48.2	36.4	26.1	17.3	10.1	5.1	0.0
-27.5°	46.5	35.2	25.3	16.8	9.9	5.0	0.0
-30°	44.7	33.9	24.4	16.3	9.7	4.8	0.0
-32.5°	42.8	32.5	23.5	15.7	9.4	4.7	0.0
-35°	40.9	31.0	22.5	15.1	9.2	4.6	0.0
-37.5°	39.0	29.5	21.4	14.4	8.9	4.4	0.0
-40°	37.0	28.1	20.3	13.7	8.6	4.3	0.0
-42.5°	34.9	26.6	19.2	13.0	8.3	4.1	0.0
-45°	32.7	25.1	18.2	12.2	7.9	4.0	0.0
-47.5°	30.3	23.4	17.1	11.4	7.6	3.8	0.0
-50°	28.3	21.7	16.0	10.8	7.2	3.6	0.0
-52.5°	26.1	20.0	14.8	10.2	6.8	3.4	0.0
-55°	24.0	18.4	13.6	9.6	6.4	3.2	0.0
-57.5°	21.7	16.9	12.4	9.0	6.0	3.0	0.0
-60°	19.5	15.3	11.2	8.4	5.6	2.8	0.0
-62.5°	17.5	13.7	10.3	7.7	5.2	2.6	0.0
-65°	15.6	12.0	9.4	7.1	4.7	2.4	0.0
-67.5°	13.5	10.6	8.5	6.4	4.3	2.1	0.0
-70°	11.5	9.5	7.6	5.7	3.8	1.9	0.0
-72.5°	10.0	8.4	6.7	5.0	3.4	1.7	0.0
-75°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
-77.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0
-80°	5.8	4.8	3.9	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)