

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: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200R-40-70-2S-A**

Issue Date: 2/3/2026

Test Information

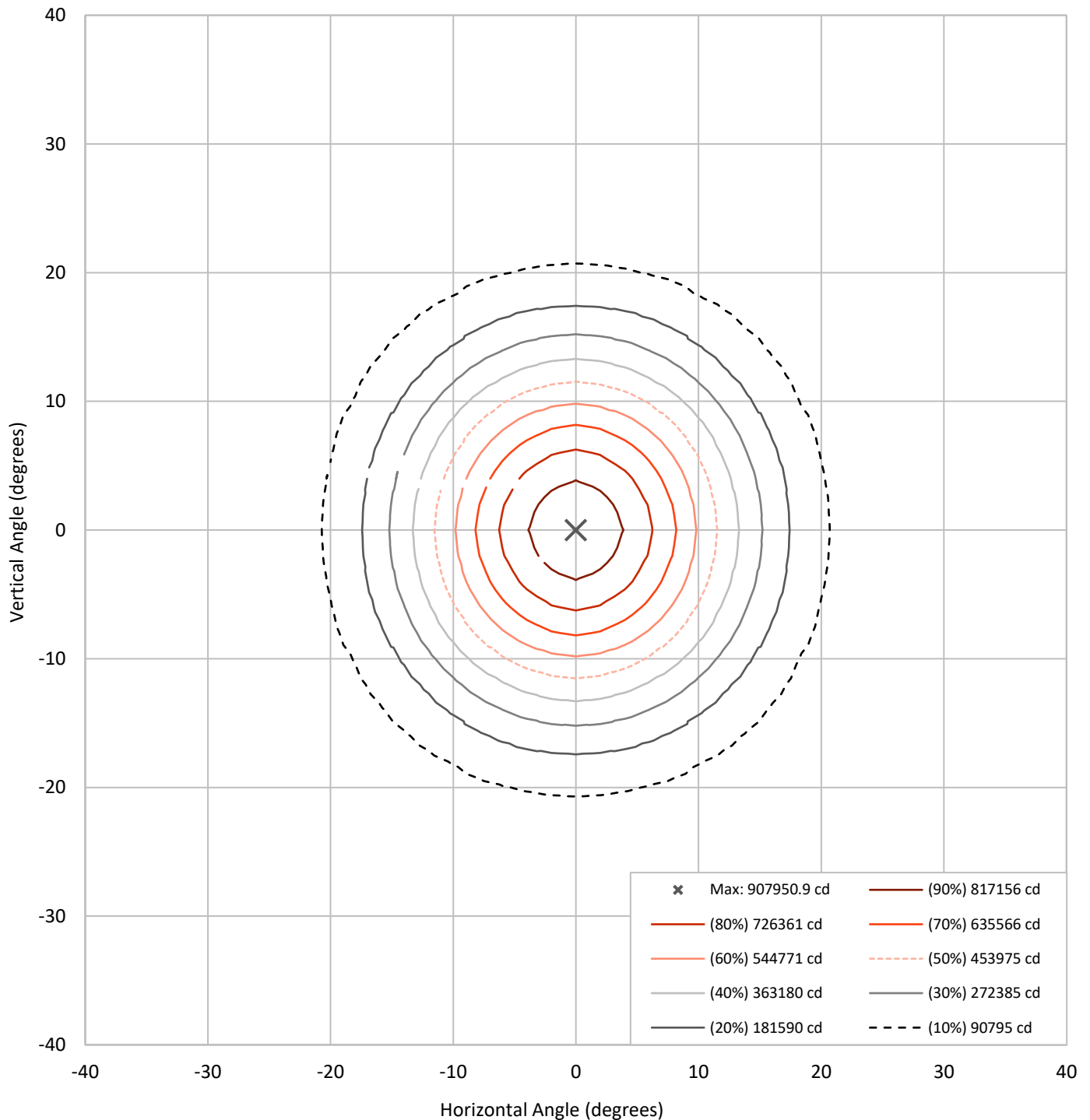
Test Method: LM-79-08
Report Number: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-10)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS16-1200R-40-70-2S-A
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 4000K, 70 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:	182312.1 lumens	Max Intensity:	907950.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.0 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	41.4°H x 41.4°V
Beam Lumens:	82132.7 lumens	Field Lumens:	144898.1 lumens
Beam Efficiency:	45.1%	Field Efficiency:	79.5%
Input Watts (W):	1266		
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: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

Iso-Candela Plot





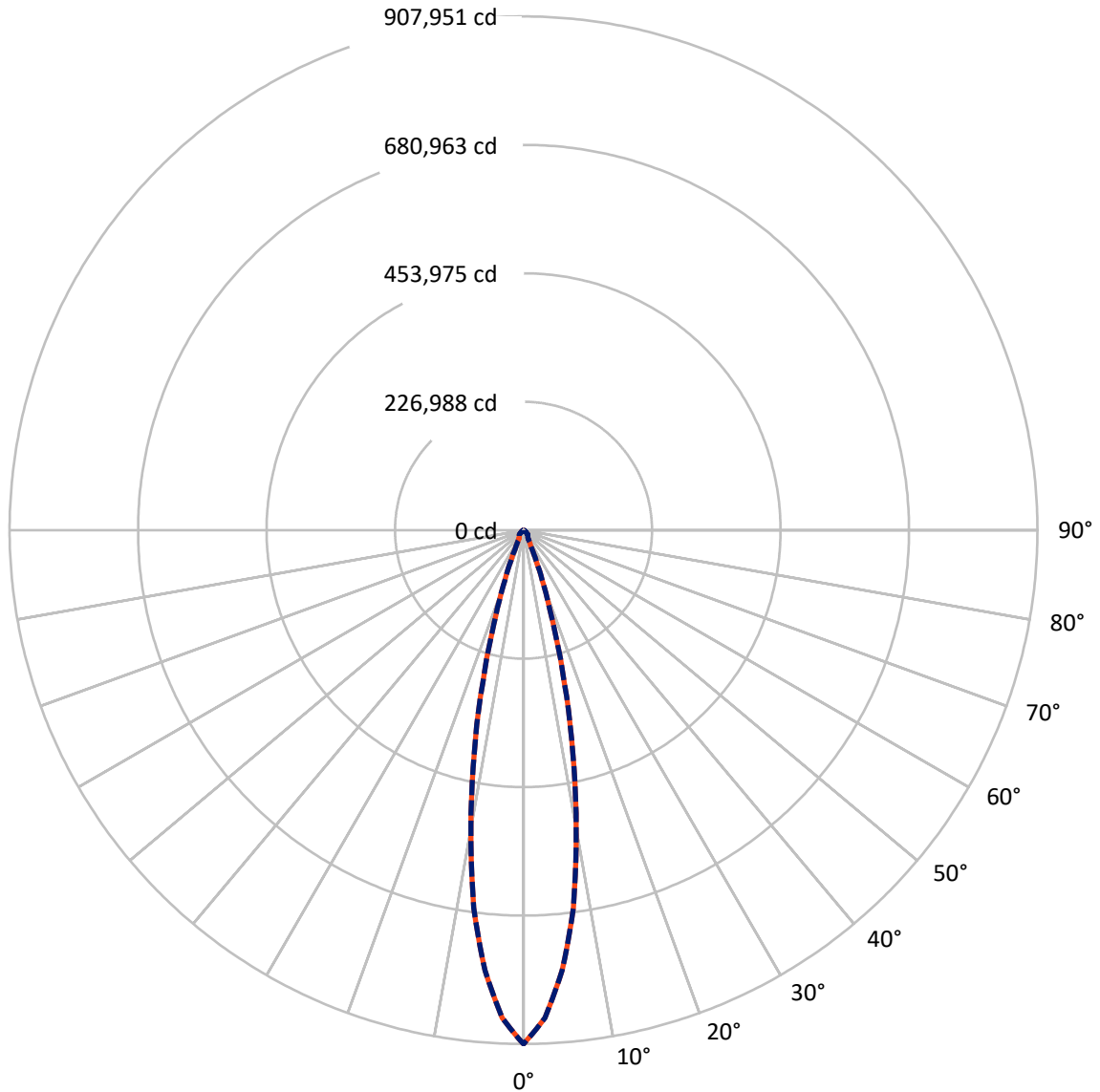
REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

Lumen Table

90																
80	0.3	2.2		7.9		19.1		24.8		19.1		7.9		2.2		0.3
70																
60	1.0	1.2	4.7	13.1	25.1	38.0	48.8	54.8	54.8	48.8	38.0	25.1	13.1	4.7	1.2	1.0
50		3.6	14.9	35.0	60.8	86.7	106.1	116.5	116.5	106.1	86.7	60.8	35.0	14.9	3.6	
40	2.6	8.1	28.6	61.8	99.7	160.0	235.6	278.8	278.8	235.6	160.0	99.7	61.8	28.6	8.1	2.6
30		13.4	43.0	86.2	183.4	305.6	372.0	408.2	408.2	372.0	305.6	183.4	86.2	43.0	13.4	
20	5.5	18.3	55.4	126.0	276.7	377.8	593.3	1118.2	1118.2	593.3	377.8	276.7	126.0	55.4	18.3	5.5
10		22.0	63.6	174.6	316.1	558.8	792.7	7556.7	7556.7	792.7	558.8	316.1	174.6	63.6	22.0	
0	6.8	24.0	67.7	200.0	336.5	1029.0	7362.5	19560.0	19560.0	7362.5	1029.0	336.5	200.0	67.7	24.0	6.8
-10		24.0	67.7	200.0	336.5	1029.0	7362.5	19560.0	19560.0	7362.5	1029.0	336.5	200.0	67.7	24.0	
-20	5.5	22.0	63.6	174.6	316.1	558.8	792.7	7556.7	7556.7	792.7	558.8	316.1	174.6	63.6	22.0	5.5
-30		18.3	55.4	126.0	276.7	377.8	593.3	1118.2	1118.2	593.3	377.8	276.7	126.0	55.4	18.3	
-40	2.6	13.4	43.0	86.2	183.4	305.6	372.0	408.2	408.2	372.0	305.6	183.4	86.2	43.0	13.4	2.6
-50		8.1	28.6	61.8	99.7	160.0	235.6	278.8	278.8	235.6	160.0	99.7	61.8	28.6	8.1	
-60	1.0	3.6	14.9	35.0	60.8	86.7	106.1	116.5	116.5	106.1	86.7	60.8	35.0	14.9	3.6	1.0
-70		1.2	4.7	13.1	25.1	38.0	48.8	54.8	54.8	48.8	38.0	25.1	13.1	4.7	1.2	
-80																
-90	0.3	2.2		7.9		19.1		24.8		19.1		7.9		2.2		0.3

REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

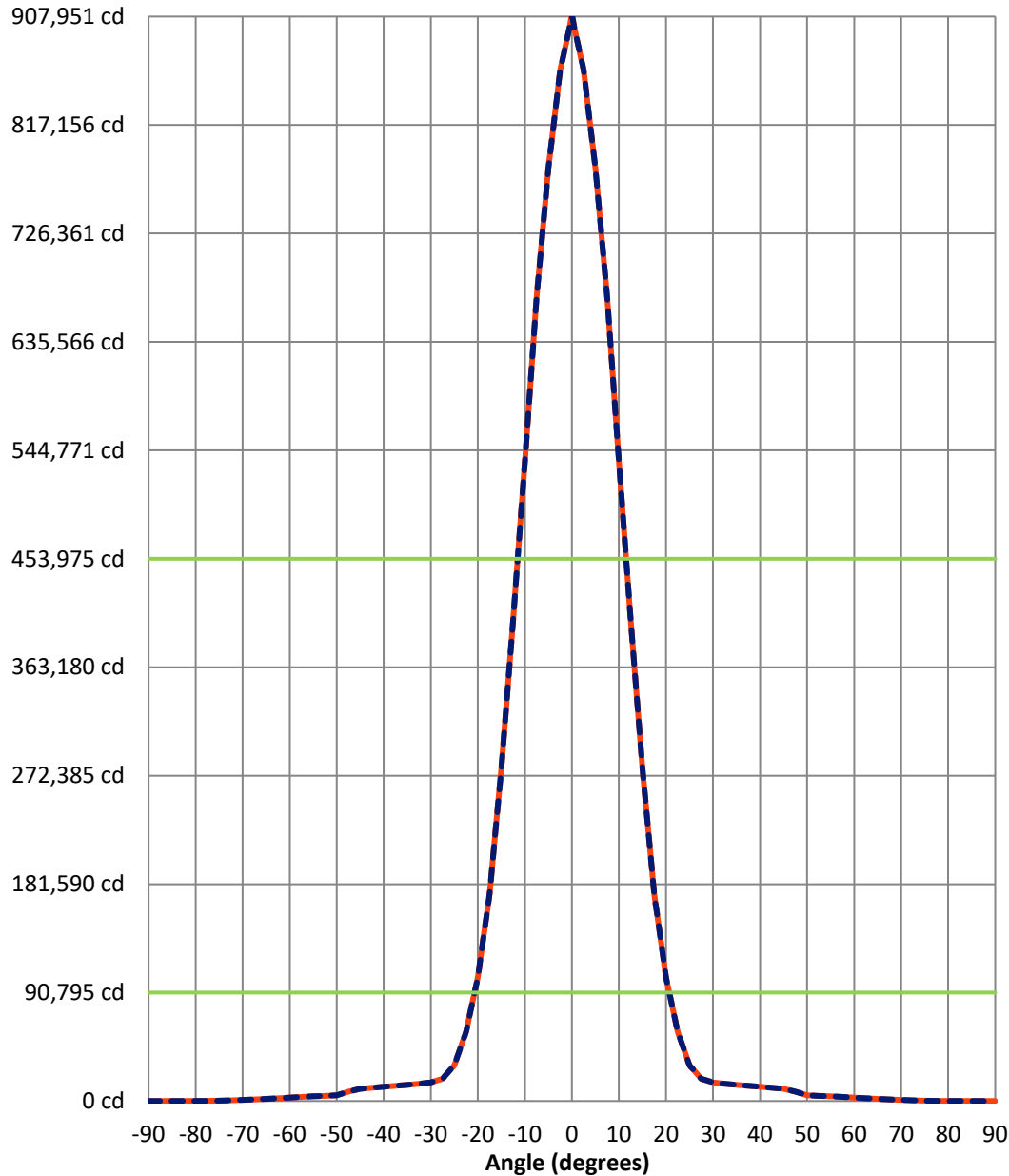
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

Luminous Intensity Plot



Beam:
 H Angle: 23.1°
 V Angle: 23.1°
 Lumens: 82132.7
 Efficiency: 45.1%

Field:
 H Angle: 41.4°
 V Angle: 41.4°
 Lumens: 144898.1
 Efficiency: 79.5%

Spill:
 Lumens: 37414
 Efficiency: 20.5%

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



REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

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	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.3	7.1	7.8
85°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.1	12.6	14.1	15.6
82.5°	0.0	2.4	4.8	7.2	9.6	12.0	14.3	16.6	18.8	20.5	22.1
80°	0.0	3.2	6.4	9.6	12.8	15.9	18.9	21.2	23.4	25.6	27.8
77.5°	0.0	4.0	8.0	12.0	15.9	19.5	22.4	25.2	28.0	30.7	33.8
75°	0.0	4.8	9.6	14.3	18.9	22.4	25.8	29.2	32.6	36.9	41.1
72.5°	0.0	5.6	11.1	16.6	21.2	25.2	29.2	33.4	38.4	43.4	48.2
70°	0.0	6.3	12.6	18.8	23.4	28.0	32.6	38.4	44.1	49.8	56.9
67.5°	0.0	7.1	14.1	20.5	25.6	30.7	36.9	43.4	49.8	57.9	65.8
65°	0.0	7.8	15.6	22.1	27.8	33.8	41.1	48.2	56.9	65.8	79.1
62.5°	0.0	8.5	17.1	23.7	29.9	37.3	45.1	53.9	63.8	76.4	102.8
60°	0.0	9.2	18.5	25.3	32.0	40.6	49.1	59.9	70.6	97.3	126.0
57.5°	0.0	9.9	19.5	26.8	34.6	43.8	54.0	65.7	86.5	117.8	176.0
55°	0.0	10.6	20.5	28.3	37.1	47.0	58.9	71.4	104.3	145.6	237.5
52.5°	0.0	11.3	21.4	29.7	39.6	50.2	63.6	85.5	121.5	199.6	297.5
50°	0.0	11.9	22.4	31.1	42.0	54.1	68.2	100.1	147.0	251.9	389.9
47.5°	0.0	12.5	23.3	32.5	44.3	57.7	73.7	114.3	192.0	302.6	483.3
45°	0.0	13.1	24.1	34.2	46.5	61.3	85.4	127.9	235.3	382.8	573.4
42.5°	0.0	13.6	24.9	35.8	48.6	64.7	96.6	154.5	276.8	460.5	677.9
40°	0.0	14.2	25.7	37.3	50.9	67.9	107.3	189.1	325.0	534.9	780.9
37.5°	0.0	14.7	26.5	38.7	53.3	71.0	117.4	222.1	387.8	610.5	879.0
35°	0.0	15.2	27.2	40.1	55.7	77.2	127.0	253.3	447.2	693.9	977.6
32.5°	0.0	15.6	27.8	41.3	57.9	84.7	140.8	282.7	503.1	772.4	1078.9
30°	0.0	16.0	28.4	42.5	59.9	91.7	164.2	314.4	555.5	846.0	1173.9
27.5°	0.0	16.4	29.0	43.6	61.8	98.2	186.0	356.8	608.6	914.5	1262.3
25°	0.0	16.8	29.5	44.7	63.5	104.2	206.0	395.8	664.3	983.9	1344.4
22.5°	0.0	17.1	30.0	45.6	65.1	109.7	224.3	431.3	715.1	1050.4	1429.9
20°	0.0	17.4	30.5	46.4	66.5	114.6	240.8	463.4	760.9	1110.4	1507.1
17.5°	0.0	17.6	30.8	47.2	67.8	119.0	255.4	491.9	801.6	1163.7	1575.8
15°	0.0	17.9	31.2	47.8	68.9	122.8	268.1	516.7	837.1	1210.2	1635.8
12.5°	0.0	18.1	31.5	48.3	69.9	126.0	278.9	537.8	867.3	1249.8	1686.8
10°	0.0	18.2	31.7	48.8	70.6	128.7	287.8	555.1	892.1	1282.3	1728.8
7.5°	0.0	18.3	31.9	49.1	71.2	130.7	294.8	568.6	911.5	1307.7	1761.6
5°	0.0	18.4	32.0	49.4	71.7	132.2	299.7	578.3	925.4	1325.9	1785.1
2.5°	0.0	18.5	32.1	49.5	71.9	133.1	302.7	584.2	933.7	1336.9	1799.2
0°	0.0	18.5	32.1	49.6	72.0	133.4	303.7	586.1	936.5	1340.5	1803.9
-2.5°	0.0	18.5	32.1	49.5	71.9	133.1	302.7	584.2	933.7	1336.9	1799.2
-5°	0.0	18.4	32.0	49.4	71.7	132.2	299.7	578.3	925.4	1325.9	1785.1
-7.5°	0.0	18.3	31.9	49.1	71.2	130.7	294.8	568.6	911.5	1307.7	1761.6
-10°	0.0	18.2	31.7	48.8	70.6	128.7	287.8	555.1	892.1	1282.3	1728.8
-12.5°	0.0	18.1	31.5	48.3	69.9	126.0	278.9	537.8	867.3	1249.8	1686.8
-15°	0.0	17.9	31.2	47.8	68.9	122.8	268.1	516.7	837.1	1210.2	1635.8
-17.5°	0.0	17.6	30.8	47.2	67.8	119.0	255.4	491.9	801.6	1163.7	1575.8
-20°	0.0	17.4	30.5	46.4	66.5	114.6	240.8	463.4	760.9	1110.4	1507.1



REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.1	30.0	45.6	65.1	109.7	224.3	431.3	715.1	1050.4	1429.9
-25°	0.0	16.8	29.5	44.7	63.5	104.2	206.0	395.8	664.3	983.9	1344.4
-27.5°	0.0	16.4	29.0	43.6	61.8	98.2	186.0	356.8	608.6	914.5	1262.3
-30°	0.0	16.0	28.4	42.5	59.9	91.7	164.2	314.4	555.5	846.0	1173.9
-32.5°	0.0	15.6	27.8	41.3	57.9	84.7	140.8	282.7	503.1	772.4	1078.9
-35°	0.0	15.2	27.2	40.1	55.7	77.2	127.0	253.3	447.2	693.9	977.6
-37.5°	0.0	14.7	26.5	38.7	53.3	71.0	117.4	222.1	387.8	610.5	879.0
-40°	0.0	14.2	25.7	37.3	50.9	67.9	107.3	189.1	325.0	534.9	780.9
-42.5°	0.0	13.6	24.9	35.8	48.6	64.7	96.6	154.5	276.8	460.5	677.9
-45°	0.0	13.1	24.1	34.2	46.5	61.3	85.4	127.9	235.3	382.8	573.4
-47.5°	0.0	12.5	23.3	32.5	44.3	57.7	73.7	114.3	192.0	302.6	483.3
-50°	0.0	11.9	22.4	31.1	42.0	54.1	68.2	100.1	147.0	251.9	389.9
-52.5°	0.0	11.3	21.4	29.7	39.6	50.2	63.6	85.5	121.5	199.6	297.5
-55°	0.0	10.6	20.5	28.3	37.1	47.0	58.9	71.4	104.3	145.6	237.5
-57.5°	0.0	9.9	19.5	26.8	34.6	43.8	54.0	65.7	86.5	117.8	176.0
-60°	0.0	9.2	18.5	25.3	32.0	40.6	49.1	59.9	70.6	97.3	126.0
-62.5°	0.0	8.5	17.1	23.7	29.9	37.3	45.1	53.9	63.8	76.4	102.8
-65°	0.0	7.8	15.6	22.1	27.8	33.8	41.1	48.2	56.9	65.8	79.1
-67.5°	0.0	7.1	14.1	20.5	25.6	30.7	36.9	43.4	49.8	57.9	65.8
-70°	0.0	6.3	12.6	18.8	23.4	28.0	32.6	38.4	44.1	49.8	56.9
-72.5°	0.0	5.6	11.1	16.6	21.2	25.2	29.2	33.4	38.4	43.4	48.2
-75°	0.0	4.8	9.6	14.3	18.9	22.4	25.8	29.2	32.6	36.9	41.1
-77.5°	0.0	4.0	8.0	12.0	15.9	19.5	22.4	25.2	28.0	30.7	33.8
-80°	0.0	3.2	6.4	9.6	12.8	15.9	18.9	21.2	23.4	25.6	27.8
-82.5°	0.0	2.4	4.8	7.2	9.6	12.0	14.3	16.6	18.8	20.5	22.1
-85°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.1	12.6	14.1	15.6
-87.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.3	7.1	7.8
-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: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-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°	8.5	9.2	9.9	10.6	11.3	11.9	12.5	13.1	13.6	14.2	14.7
85°	17.1	18.5	19.5	20.5	21.4	22.4	23.3	24.1	24.9	25.7	26.5
82.5°	23.7	25.3	26.8	28.3	29.7	31.1	32.5	34.2	35.8	37.3	38.7
80°	29.9	32.0	34.6	37.1	39.6	42.0	44.3	46.5	48.6	50.9	53.3
77.5°	37.3	40.6	43.8	47.0	50.2	54.1	57.7	61.3	64.7	67.9	71.0
75°	45.1	49.1	54.0	58.9	63.6	68.2	73.7	85.4	96.6	107.3	117.4
72.5°	53.9	59.9	65.7	71.4	85.5	100.1	114.3	127.9	154.5	189.1	222.1
70°	63.8	70.6	86.5	104.3	121.5	147.0	192.0	235.3	276.8	325.0	387.8
67.5°	76.4	97.3	117.8	145.6	199.6	251.9	302.6	382.8	460.5	534.9	610.5
65°	102.8	126.0	176.0	237.5	297.5	389.9	483.3	573.4	677.9	780.9	879.0
62.5°	128.7	191.2	260.4	344.1	453.4	559.7	681.0	804.3	923.0	1052.0	1177.2
60°	191.2	268.1	369.7	491.9	617.1	760.9	900.4	1050.4	1200.2	1344.4	1501.9
57.5°	260.4	369.7	504.7	649.1	809.2	969.5	1144.0	1312.9	1495.6	1675.1	1849.9
55°	344.1	491.9	649.1	825.4	1007.1	1200.7	1396.0	1605.1	1807.3	2015.8	2215.4
52.5°	453.4	617.1	809.2	1007.1	1219.6	1439.8	1671.3	1902.7	2135.9	2366.9	2605.9
50°	559.7	760.9	969.5	1200.7	1439.8	1693.5	1950.8	2208.7	2475.5	2742.7	3011.7
47.5°	681.0	900.4	1144.0	1396.0	1671.3	1950.8	2233.0	2530.2	2825.6	3132.8	3430.7
45°	804.3	1050.4	1312.9	1605.1	1902.7	2208.7	2530.2	2853.4	3193.9	3513.9	3789.1
42.5°	923.0	1200.2	1495.6	1807.3	2135.9	2475.5	2825.6	3193.9	3540.8	3843.8	4068.4
40°	1052.0	1344.4	1675.1	2015.8	2366.9	2742.7	3132.8	3513.9	3843.8	4084.9	4267.6
37.5°	1177.2	1501.9	1849.9	2215.4	2605.9	3011.7	3430.7	3789.1	4068.4	4267.6	4609.3
35°	1296.0	1651.6	2025.2	2417.2	2834.0	3277.8	3680.7	4019.4	4234.1	4578.3	5474.7
32.5°	1418.2	1793.1	2191.2	2617.3	3067.1	3520.2	3916.0	4167.8	4486.1	5127.6	7254.0
30°	1539.0	1935.0	2352.3	2805.7	3288.5	3727.2	4069.8	4334.3	4758.0	6723.0	8709.7
27.5°	1651.6	2068.1	2514.0	2992.7	3489.9	3921.4	4193.0	4573.5	5850.4	8149.4	9961.3
25°	1755.5	2191.2	2663.7	3169.8	3656.6	4048.1	4333.0	4796.7	7169.1	9248.1	10575.2
22.5°	1854.0	2304.1	2800.9	3332.3	3809.8	4145.9	4524.1	5786.8	8272.2	10238.4	10999.1
20°	1946.3	2417.2	2931.1	3475.9	3948.7	4234.8	4698.0	6820.6	9138.8	10600.0	11366.3
17.5°	2028.4	2517.9	3051.2	3589.8	4031.0	4344.9	4968.0	7748.9	9918.8	10926.3	11688.2
15°	2100.1	2605.9	3156.3	3689.5	4095.2	4471.1	5721.5	8409.3	10369.7	11207.6	11973.1
12.5°	2161.2	2680.9	3245.9	3774.7	4150.0	4579.0	6367.1	8954.2	10598.7	11434.6	12203.7
10°	2211.4	2742.7	3319.7	3844.9	4195.3	4668.2	6900.9	9405.4	10788.6	11623.3	12395.8
7.5°	2250.7	2791.0	3377.4	3899.8	4230.7	4738.1	7319.8	9759.7	10937.9	11771.9	12547.4
5°	2278.8	2825.6	3418.9	3939.2	4256.2	4788.3	7620.9	10014.7	11045.5	11879.0	12656.9
2.5°	2295.8	2846.4	3443.8	3963.0	4271.5	4818.5	7802.4	10168.5	11110.4	11943.8	12723.1
0°	2301.4	2853.4	3452.1	3970.9	4276.6	4828.6	7863.0	10219.9	11132.1	11965.4	12745.2
-2.5°	2295.8	2846.4	3443.8	3963.0	4271.5	4818.5	7802.4	10168.5	11110.4	11943.8	12723.1
-5°	2278.8	2825.6	3418.9	3939.2	4256.2	4788.3	7620.9	10014.7	11045.5	11879.0	12656.9
-7.5°	2250.7	2791.0	3377.4	3899.8	4230.7	4738.1	7319.8	9759.7	10937.9	11771.9	12547.4
-10°	2211.4	2742.7	3319.7	3844.9	4195.3	4668.2	6900.9	9405.4	10788.6	11623.3	12395.8
-12.5°	2161.2	2680.9	3245.9	3774.7	4150.0	4579.0	6367.1	8954.2	10598.7	11434.6	12203.7
-15°	2100.1	2605.9	3156.3	3689.5	4095.2	4471.1	5721.5	8409.3	10369.7	11207.6	11973.1
-17.5°	2028.4	2517.9	3051.2	3589.8	4031.0	4344.9	4968.0	7748.9	9918.8	10926.3	11688.2
-20°	1946.3	2417.2	2931.1	3475.9	3948.7	4234.8	4698.0	6820.6	9138.8	10600.0	11366.3



REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1854.0	2304.1	2800.9	3332.3	3809.8	4145.9	4524.1	5786.8	8272.2	10238.4	10999.1
-25°	1755.5	2191.2	2663.7	3169.8	3656.6	4048.1	4333.0	4796.7	7169.1	9248.1	10575.2
-27.5°	1651.6	2068.1	2514.0	2992.7	3489.9	3921.4	4193.0	4573.5	5850.4	8149.4	9961.3
-30°	1539.0	1935.0	2352.3	2805.7	3288.5	3727.2	4069.8	4334.3	4758.0	6723.0	8709.7
-32.5°	1418.2	1793.1	2191.2	2617.3	3067.1	3520.2	3916.0	4167.8	4486.1	5127.6	7254.0
-35°	1296.0	1651.6	2025.2	2417.2	2834.0	3277.8	3680.7	4019.4	4234.1	4578.3	5474.7
-37.5°	1177.2	1501.9	1849.9	2215.4	2605.9	3011.7	3430.7	3789.1	4068.4	4267.6	4609.3
-40°	1052.0	1344.4	1675.1	2015.8	2366.9	2742.7	3132.8	3513.9	3843.8	4084.9	4267.6
-42.5°	923.0	1200.2	1495.6	1807.3	2135.9	2475.5	2825.6	3193.9	3540.8	3843.8	4068.4
-45°	804.3	1050.4	1312.9	1605.1	1902.7	2208.7	2530.2	2853.4	3193.9	3513.9	3789.1
-47.5°	681.0	900.4	1144.0	1396.0	1671.3	1950.8	2233.0	2530.2	2825.6	3132.8	3430.7
-50°	559.7	760.9	969.5	1200.7	1439.8	1693.5	1950.8	2208.7	2475.5	2742.7	3011.7
-52.5°	453.4	617.1	809.2	1007.1	1219.6	1439.8	1671.3	1902.7	2135.9	2366.9	2605.9
-55°	344.1	491.9	649.1	825.4	1007.1	1200.7	1396.0	1605.1	1807.3	2015.8	2215.4
-57.5°	260.4	369.7	504.7	649.1	809.2	969.5	1144.0	1312.9	1495.6	1675.1	1849.9
-60°	191.2	268.1	369.7	491.9	617.1	760.9	900.4	1050.4	1200.2	1344.4	1501.9
-62.5°	128.7	191.2	260.4	344.1	453.4	559.7	681.0	804.3	923.0	1052.0	1177.2
-65°	102.8	126.0	176.0	237.5	297.5	389.9	483.3	573.4	677.9	780.9	879.0
-67.5°	76.4	97.3	117.8	145.6	199.6	251.9	302.6	382.8	460.5	534.9	610.5
-70°	63.8	70.6	86.5	104.3	121.5	147.0	192.0	235.3	276.8	325.0	387.8
-72.5°	53.9	59.9	65.7	71.4	85.5	100.1	114.3	127.9	154.5	189.1	222.1
-75°	45.1	49.1	54.0	58.9	63.6	68.2	73.7	85.4	96.6	107.3	117.4
-77.5°	37.3	40.6	43.8	47.0	50.2	54.1	57.7	61.3	64.7	67.9	71.0
-80°	29.9	32.0	34.6	37.1	39.6	42.0	44.3	46.5	48.6	50.9	53.3
-82.5°	23.7	25.3	26.8	28.3	29.7	31.1	32.5	34.2	35.8	37.3	38.7
-85°	17.1	18.5	19.5	20.5	21.4	22.4	23.3	24.1	24.9	25.7	26.5
-87.5°	8.5	9.2	9.9	10.6	11.3	11.9	12.5	13.1	13.6	14.2	14.7
-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: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-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°	15.2	15.6	16.0	16.4	16.8	17.1	17.4	17.6	17.9	18.1	18.2
85°	27.2	27.8	28.4	29.0	29.5	30.0	30.5	30.8	31.2	31.5	31.7
82.5°	40.1	41.3	42.5	43.6	44.7	45.6	46.4	47.2	47.8	48.3	48.8
80°	55.7	57.9	59.9	61.8	63.5	65.1	66.5	67.8	68.9	69.9	70.6
77.5°	77.2	84.7	91.7	98.2	104.2	109.7	114.6	119.0	122.8	126.0	128.7
75°	127.0	140.8	164.2	186.0	206.0	224.3	240.8	255.4	268.1	278.9	287.8
72.5°	253.3	282.7	314.4	356.8	395.8	431.3	463.4	491.9	516.7	537.8	555.1
70°	447.2	503.1	555.5	608.6	664.3	715.1	760.9	801.6	837.1	867.3	892.1
67.5°	693.9	772.4	846.0	914.5	983.9	1050.4	1110.4	1163.7	1210.2	1249.8	1282.3
65°	977.6	1078.9	1173.9	1262.3	1344.4	1429.9	1507.1	1575.8	1635.8	1686.8	1728.8
62.5°	1296.0	1418.2	1539.0	1651.6	1755.5	1854.0	1946.3	2028.4	2100.1	2161.2	2211.4
60°	1651.6	1793.1	1935.0	2068.1	2191.2	2304.1	2417.2	2517.9	2605.9	2680.9	2742.7
57.5°	2025.2	2191.2	2352.3	2514.0	2663.7	2800.9	2931.1	3051.2	3156.3	3245.9	3319.7
55°	2417.2	2617.3	2805.7	2992.7	3169.8	3332.3	3475.9	3589.8	3689.5	3774.7	3844.9
52.5°	2834.0	3067.1	3288.5	3489.9	3656.6	3809.8	3948.7	4031.0	4095.2	4150.0	4195.3
50°	3277.8	3520.2	3727.2	3921.4	4048.1	4145.9	4234.8	4344.9	4471.1	4579.0	4668.2
47.5°	3680.7	3916.0	4069.8	4193.0	4333.0	4524.1	4698.0	4968.0	5721.5	6367.1	6900.9
45°	4019.4	4167.8	4334.3	4573.5	4796.7	5786.8	6820.6	7748.9	8409.3	8954.2	9405.4
42.5°	4234.1	4486.1	4758.0	5850.4	7169.1	8272.2	9138.8	9918.8	10369.7	10598.7	10788.6
40°	4578.3	5127.6	6723.0	8149.4	9248.1	10238.4	10600.0	10926.3	11207.6	11434.6	11623.3
37.5°	5474.7	7254.0	8709.7	9961.3	10575.2	10999.1	11366.3	11688.2	11973.1	12203.7	12395.8
35°	7432.2	8993.1	10288.0	10804.4	11277.6	11693.0	12068.8	12394.0	12683.3	12933.1	13141.5
32.5°	8993.1	10344.5	10920.4	11440.7	11915.8	12335.5	12721.0	13070.9	13383.1	13677.2	13943.3
30°	10288.0	10920.4	11495.5	12024.7	12498.8	12944.0	13356.9	13770.9	14167.3	14535.0	14903.1
27.5°	10804.4	11440.7	12024.7	12553.8	13057.4	13534.3	14053.7	14557.7	15102.2	15579.9	16660.5
25°	11277.6	11915.8	12498.8	13057.4	13603.7	14197.8	14841.7	15494.5	16936.8	18339.8	21817.0
22.5°	11693.0	12335.5	12944.0	13534.3	14197.8	14937.7	15886.0	17780.5	21736.5	27367.0	35412.4
20°	12068.8	12721.0	13356.9	14053.7	14841.7	15886.0	18066.7	23941.1	32075.9	47367.8	62226.0
17.5°	12394.0	13070.9	13770.9	14557.7	15494.5	17780.5	23941.1	34998.8	53566.0	78302.8	102379.0
15°	12683.3	13383.1	14167.3	15102.2	16936.8	21736.5	32075.9	53566.0	83817.1	119603.9	160573.4
12.5°	12933.1	13677.2	14535.0	15579.9	18339.8	27367.0	47367.8	78302.8	119603.9	170524.0	238289.8
10°	13141.5	13943.3	14903.1	16660.5	21817.0	35412.4	62226.0	102379.0	160573.4	238289.8	319775.4
7.5°	13306.3	14154.3	15196.1	17527.1	25325.0	45051.7	79870.0	131876.8	205773.2	299449.9	403904.6
5°	13425.6	14307.4	15409.2	18159.4	27896.4	52158.2	92978.5	154581.7	245208.7	352983.6	473767.4
2.5°	13497.8	14400.2	15538.6	18544.5	29467.2	56517.9	101067.2	168707.0	270038.3	389666.9	519204.0
0°	13522.0	14431.3	15582.0	18673.8	29995.7	57988.0	103803.2	173506.4	278532.3	402679.4	535159.7
-2.5°	13497.8	14400.2	15538.6	18544.5	29467.2	56517.9	101067.2	168707.0	270038.3	389666.9	519204.0
-5°	13425.6	14307.4	15409.2	18159.4	27896.4	52158.2	92978.5	154581.7	245208.7	352983.6	473767.4
-7.5°	13306.3	14154.3	15196.1	17527.1	25325.0	45051.7	79870.0	131876.8	205773.2	299449.9	403904.6
-10°	13141.5	13943.3	14903.1	16660.5	21817.0	35412.4	62226.0	102379.0	160573.4	238289.8	319775.4
-12.5°	12933.1	13677.2	14535.0	15579.9	18339.8	27367.0	47367.8	78302.8	119603.9	170524.0	238289.8
-15°	12683.3	13383.1	14167.3	15102.2	16936.8	21736.5	32075.9	53566.0	83817.1	119603.9	160573.4
-17.5°	12394.0	13070.9	13770.9	14557.7	15494.5	17780.5	23941.1	34998.8	53566.0	78302.8	102379.0
-20°	12068.8	12721.0	13356.9	14053.7	14841.7	15886.0	18066.7	23941.1	32075.9	47367.8	62226.0



REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11693.0	12335.5	12944.0	13534.3	14197.8	14937.7	15886.0	17780.5	21736.5	27367.0	35412.4
-25°	11277.6	11915.8	12498.8	13057.4	13603.7	14197.8	14841.7	15494.5	16936.8	18339.8	21817.0
-27.5°	10804.4	11440.7	12024.7	12553.8	13057.4	13534.3	14053.7	14557.7	15102.2	15579.9	16660.5
-30°	10288.0	10920.4	11495.5	12024.7	12498.8	12944.0	13356.9	13770.9	14167.3	14535.0	14903.1
-32.5°	8993.1	10344.5	10920.4	11440.7	11915.8	12335.5	12721.0	13070.9	13383.1	13677.2	13943.3
-35°	7432.2	8993.1	10288.0	10804.4	11277.6	11693.0	12068.8	12394.0	12683.3	12933.1	13141.5
-37.5°	5474.7	7254.0	8709.7	9961.3	10575.2	10999.1	11366.3	11688.2	11973.1	12203.7	12395.8
-40°	4578.3	5127.6	6723.0	8149.4	9248.1	10238.4	10600.0	10926.3	11207.6	11434.6	11623.3
-42.5°	4234.1	4486.1	4758.0	5850.4	7169.1	8272.2	9138.8	9918.8	10369.7	10598.7	10788.6
-45°	4019.4	4167.8	4334.3	4573.5	4796.7	5786.8	6820.6	7748.9	8409.3	8954.2	9405.4
-47.5°	3680.7	3916.0	4069.8	4193.0	4333.0	4524.1	4698.0	4968.0	5721.5	6367.1	6900.9
-50°	3277.8	3520.2	3727.2	3921.4	4048.1	4145.9	4234.8	4344.9	4471.1	4579.0	4668.2
-52.5°	2834.0	3067.1	3288.5	3489.9	3656.6	3809.8	3948.7	4031.0	4095.2	4150.0	4195.3
-55°	2417.2	2617.3	2805.7	2992.7	3169.8	3332.3	3475.9	3589.8	3689.5	3774.7	3844.9
-57.5°	2025.2	2191.2	2352.3	2514.0	2663.7	2800.9	2931.1	3051.2	3156.3	3245.9	3319.7
-60°	1651.6	1793.1	1935.0	2068.1	2191.2	2304.1	2417.2	2517.9	2605.9	2680.9	2742.7
-62.5°	1296.0	1418.2	1539.0	1651.6	1755.5	1854.0	1946.3	2028.4	2100.1	2161.2	2211.4
-65°	977.6	1078.9	1173.9	1262.3	1344.4	1429.9	1507.1	1575.8	1635.8	1686.8	1728.8
-67.5°	693.9	772.4	846.0	914.5	983.9	1050.4	1110.4	1163.7	1210.2	1249.8	1282.3
-70°	447.2	503.1	555.5	608.6	664.3	715.1	760.9	801.6	837.1	867.3	892.1
-72.5°	253.3	282.7	314.4	356.8	395.8	431.3	463.4	491.9	516.7	537.8	555.1
-75°	127.0	140.8	164.2	186.0	206.0	224.3	240.8	255.4	268.1	278.9	287.8
-77.5°	77.2	84.7	91.7	98.2	104.2	109.7	114.6	119.0	122.8	126.0	128.7
-80°	55.7	57.9	59.9	61.8	63.5	65.1	66.5	67.8	68.9	69.9	70.6
-82.5°	40.1	41.3	42.5	43.6	44.7	45.6	46.4	47.2	47.8	48.3	48.8
-85°	27.2	27.8	28.4	29.0	29.5	30.0	30.5	30.8	31.2	31.5	31.7
-87.5°	15.2	15.6	16.0	16.4	16.8	17.1	17.4	17.6	17.9	18.1	18.2
-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: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-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°	18.3	18.4	18.5	18.5	18.5	18.4	18.3	18.2	18.1	17.9	17.6
85°	31.9	32.0	32.1	32.1	32.1	32.0	31.9	31.7	31.5	31.2	30.8
82.5°	49.1	49.4	49.5	49.6	49.5	49.4	49.1	48.8	48.3	47.8	47.2
80°	71.2	71.7	71.9	72.0	71.9	71.7	71.2	70.6	69.9	68.9	67.8
77.5°	130.7	132.2	133.1	133.4	133.1	132.2	130.7	128.7	126.0	122.8	119.0
75°	294.8	299.7	302.7	303.7	302.7	299.7	294.8	287.8	278.9	268.1	255.4
72.5°	568.6	578.3	584.2	586.1	584.2	578.3	568.6	555.1	537.8	516.7	491.9
70°	911.5	925.4	933.7	936.5	933.7	925.4	911.5	892.1	867.3	837.1	801.6
67.5°	1307.7	1325.9	1336.9	1340.5	1336.9	1325.9	1307.7	1282.3	1249.8	1210.2	1163.7
65°	1761.6	1785.1	1799.2	1803.9	1799.2	1785.1	1761.6	1728.8	1686.8	1635.8	1575.8
62.5°	2250.7	2278.8	2295.8	2301.4	2295.8	2278.8	2250.7	2211.4	2161.2	2100.1	2028.4
60°	2791.0	2825.6	2846.4	2853.4	2846.4	2825.6	2791.0	2742.7	2680.9	2605.9	2517.9
57.5°	3377.4	3418.9	3443.8	3452.1	3443.8	3418.9	3377.4	3319.7	3245.9	3156.3	3051.2
55°	3899.8	3939.2	3963.0	3970.9	3963.0	3939.2	3899.8	3844.9	3774.7	3689.5	3589.8
52.5°	4230.7	4256.2	4271.5	4276.6	4271.5	4256.2	4230.7	4195.3	4150.0	4095.2	4031.0
50°	4738.1	4788.3	4818.5	4828.6	4818.5	4788.3	4738.1	4668.2	4579.0	4471.1	4344.9
47.5°	7319.8	7620.9	7802.4	7863.0	7802.4	7620.9	7319.8	6900.9	6367.1	5721.5	4968.0
45°	9759.7	10014.7	10168.5	10219.9	10168.5	10014.7	9759.7	9405.4	8954.2	8409.3	7748.9
42.5°	10937.9	11045.5	11110.4	11132.1	11110.4	11045.5	10937.9	10788.6	10598.7	10369.7	9918.8
40°	11771.9	11879.0	11943.8	11965.4	11943.8	11879.0	11771.9	11623.3	11434.6	11207.6	10926.3
37.5°	12547.4	12656.9	12723.1	12745.2	12723.1	12656.9	12547.4	12395.8	12203.7	11973.1	11688.2
35°	13306.3	13425.6	13497.8	13522.0	13497.8	13425.6	13306.3	13141.5	12933.1	12683.3	12394.0
32.5°	14154.3	14307.4	14400.2	14431.3	14400.2	14307.4	14154.3	13943.3	13677.2	13383.1	13070.9
30°	15196.1	15409.2	15538.6	15582.0	15538.6	15409.2	15196.1	14903.1	14535.0	14167.3	13770.9
27.5°	17527.1	18159.4	18544.5	18673.8	18544.5	18159.4	17527.1	16660.5	15579.9	15102.2	14557.7
25°	25325.0	27896.4	29467.2	29995.7	29467.2	27896.4	25325.0	21817.0	18339.8	16936.8	15494.5
22.5°	45051.7	52158.2	56517.9	57988.0	56517.9	52158.2	45051.7	35412.4	27367.0	21736.5	17780.5
20°	79870.0	92978.5	101067.2	103803.2	101067.2	92978.5	79870.0	62226.0	47367.8	32075.9	23941.1
17.5°	131876.8	154581.7	168707.0	173506.4	168707.0	154581.7	131876.8	102379.0	78302.8	53566.0	34998.8
15°	205773.2	245208.7	270038.3	278532.3	270038.3	245208.7	205773.2	160573.4	119603.9	83817.1	53566.0
12.5°	299449.9	352983.6	389666.9	402679.4	389666.9	352983.6	299449.9	238289.8	170524.0	119603.9	78302.8
10°	403904.6	473767.4	519204.0	535159.7	519204.0	473767.4	403904.6	319775.4	238289.8	160573.4	102379.0
7.5°	504188.1	590337.4	652016.3	673025.5	652016.3	590337.4	504188.1	403904.6	299449.9	205773.2	131876.8
5°	590337.4	695596.5	758710.5	780834.2	758710.5	695596.5	590337.4	473767.4	352983.6	245208.7	154581.7
2.5°	652016.3	758710.5	830160.0	862740.8	830160.0	758710.5	652016.3	519204.0	389666.9	270038.3	168707.0
0°	673025.5	780834.2	862740.8	907950.9	862740.8	780834.2	673025.5	535159.7	402679.4	278532.3	173506.4
-2.5°	652016.3	758710.5	830160.0	862740.8	830160.0	758710.5	652016.3	519204.0	389666.9	270038.3	168707.0
-5°	590337.4	695596.5	758710.5	780834.2	758710.5	695596.5	590337.4	473767.4	352983.6	245208.7	154581.7
-7.5°	504188.1	590337.4	652016.3	673025.5	652016.3	590337.4	504188.1	403904.6	299449.9	205773.2	131876.8
-10°	403904.6	473767.4	519204.0	535159.7	519204.0	473767.4	403904.6	319775.4	238289.8	160573.4	102379.0
-12.5°	299449.9	352983.6	389666.9	402679.4	389666.9	352983.6	299449.9	238289.8	170524.0	119603.9	78302.8
-15°	205773.2	245208.7	270038.3	278532.3	270038.3	245208.7	205773.2	160573.4	119603.9	83817.1	53566.0
-17.5°	131876.8	154581.7	168707.0	173506.4	168707.0	154581.7	131876.8	102379.0	78302.8	53566.0	34998.8
-20°	79870.0	92978.5	101067.2	103803.2	101067.2	92978.5	79870.0	62226.0	47367.8	32075.9	23941.1



REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	45051.7	52158.2	56517.9	57988.0	56517.9	52158.2	45051.7	35412.4	27367.0	21736.5	17780.5
-25°	25325.0	27896.4	29467.2	29995.7	29467.2	27896.4	25325.0	21817.0	18339.8	16936.8	15494.5
-27.5°	17527.1	18159.4	18544.5	18673.8	18544.5	18159.4	17527.1	16660.5	15579.9	15102.2	14557.7
-30°	15196.1	15409.2	15538.6	15582.0	15538.6	15409.2	15196.1	14903.1	14535.0	14167.3	13770.9
-32.5°	14154.3	14307.4	14400.2	14431.3	14400.2	14307.4	14154.3	13943.3	13677.2	13383.1	13070.9
-35°	13306.3	13425.6	13497.8	13522.0	13497.8	13425.6	13306.3	13141.5	12933.1	12683.3	12394.0
-37.5°	12547.4	12656.9	12723.1	12745.2	12723.1	12656.9	12547.4	12395.8	12203.7	11973.1	11688.2
-40°	11771.9	11879.0	11943.8	11965.4	11943.8	11879.0	11771.9	11623.3	11434.6	11207.6	10926.3
-42.5°	10937.9	11045.5	11110.4	11132.1	11110.4	11045.5	10937.9	10788.6	10598.7	10369.7	9918.8
-45°	9759.7	10014.7	10168.5	10219.9	10168.5	10014.7	9759.7	9405.4	8954.2	8409.3	7748.9
-47.5°	7319.8	7620.9	7802.4	7863.0	7802.4	7620.9	7319.8	6900.9	6367.1	5721.5	4968.0
-50°	4738.1	4788.3	4818.5	4828.6	4818.5	4788.3	4738.1	4668.2	4579.0	4471.1	4344.9
-52.5°	4230.7	4256.2	4271.5	4276.6	4271.5	4256.2	4230.7	4195.3	4150.0	4095.2	4031.0
-55°	3899.8	3939.2	3963.0	3970.9	3963.0	3939.2	3899.8	3844.9	3774.7	3689.5	3589.8
-57.5°	3377.4	3418.9	3443.8	3452.1	3443.8	3418.9	3377.4	3319.7	3245.9	3156.3	3051.2
-60°	2791.0	2825.6	2846.4	2853.4	2846.4	2825.6	2791.0	2742.7	2680.9	2605.9	2517.9
-62.5°	2250.7	2278.8	2295.8	2301.4	2295.8	2278.8	2250.7	2211.4	2161.2	2100.1	2028.4
-65°	1761.6	1785.1	1799.2	1803.9	1799.2	1785.1	1761.6	1728.8	1686.8	1635.8	1575.8
-67.5°	1307.7	1325.9	1336.9	1340.5	1336.9	1325.9	1307.7	1282.3	1249.8	1210.2	1163.7
-70°	911.5	925.4	933.7	936.5	933.7	925.4	911.5	892.1	867.3	837.1	801.6
-72.5°	568.6	578.3	584.2	586.1	584.2	578.3	568.6	555.1	537.8	516.7	491.9
-75°	294.8	299.7	302.7	303.7	302.7	299.7	294.8	287.8	278.9	268.1	255.4
-77.5°	130.7	132.2	133.1	133.4	133.1	132.2	130.7	128.7	126.0	122.8	119.0
-80°	71.2	71.7	71.9	72.0	71.9	71.7	71.2	70.6	69.9	68.9	67.8
-82.5°	49.1	49.4	49.5	49.6	49.5	49.4	49.1	48.8	48.3	47.8	47.2
-85°	31.9	32.0	32.1	32.1	32.1	32.0	31.9	31.7	31.5	31.2	30.8
-87.5°	18.3	18.4	18.5	18.5	18.5	18.4	18.3	18.2	18.1	17.9	17.6
-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: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-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°	17.4	17.1	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.6	13.1
85°	30.5	30.0	29.5	29.0	28.4	27.8	27.2	26.5	25.7	24.9	24.1
82.5°	46.4	45.6	44.7	43.6	42.5	41.3	40.1	38.7	37.3	35.8	34.2
80°	66.5	65.1	63.5	61.8	59.9	57.9	55.7	53.3	50.9	48.6	46.5
77.5°	114.6	109.7	104.2	98.2	91.7	84.7	77.2	71.0	67.9	64.7	61.3
75°	240.8	224.3	206.0	186.0	164.2	140.8	127.0	117.4	107.3	96.6	85.4
72.5°	463.4	431.3	395.8	356.8	314.4	282.7	253.3	222.1	189.1	154.5	127.9
70°	760.9	715.1	664.3	608.6	555.5	503.1	447.2	387.8	325.0	276.8	235.3
67.5°	1110.4	1050.4	983.9	914.5	846.0	772.4	693.9	610.5	534.9	460.5	382.8
65°	1507.1	1429.9	1344.4	1262.3	1173.9	1078.9	977.6	879.0	780.9	677.9	573.4
62.5°	1946.3	1854.0	1755.5	1651.6	1539.0	1418.2	1296.0	1177.2	1052.0	923.0	804.3
60°	2417.2	2304.1	2191.2	2068.1	1935.0	1793.1	1651.6	1501.9	1344.4	1200.2	1050.4
57.5°	2931.1	2800.9	2663.7	2514.0	2352.3	2191.2	2025.2	1849.9	1675.1	1495.6	1312.9
55°	3475.9	3332.3	3169.8	2992.7	2805.7	2617.3	2417.2	2215.4	2015.8	1807.3	1605.1
52.5°	3948.7	3809.8	3656.6	3489.9	3288.5	3067.1	2834.0	2605.9	2366.9	2135.9	1902.7
50°	4234.8	4145.9	4048.1	3921.4	3727.2	3520.2	3277.8	3011.7	2742.7	2475.5	2208.7
47.5°	4698.0	4524.1	4333.0	4193.0	4069.8	3916.0	3680.7	3430.7	3132.8	2825.6	2530.2
45°	6820.6	5786.8	4796.7	4573.5	4334.3	4167.8	4019.4	3789.1	3513.9	3193.9	2853.4
42.5°	9138.8	8272.2	7169.1	5850.4	4758.0	4486.1	4234.1	4068.4	3843.8	3540.8	3193.9
40°	10600.0	10238.4	9248.1	8149.4	6723.0	5127.6	4578.3	4267.6	4084.9	3843.8	3513.9
37.5°	11366.3	10999.1	10575.2	9961.3	8709.7	7254.0	5474.7	4609.3	4267.6	4068.4	3789.1
35°	12068.8	11693.0	11277.6	10804.4	10288.0	8993.1	7432.2	5474.7	4578.3	4234.1	4019.4
32.5°	12721.0	12335.5	11915.8	11440.7	10920.4	10344.5	8993.1	7254.0	5127.6	4486.1	4167.8
30°	13356.9	12944.0	12498.8	12024.7	11495.5	10920.4	10288.0	8709.7	6723.0	4758.0	4334.3
27.5°	14053.7	13534.3	13057.4	12553.8	12024.7	11440.7	10804.4	9961.3	8149.4	5850.4	4573.5
25°	14841.7	14197.8	13603.7	13057.4	12498.8	11915.8	11277.6	10575.2	9248.1	7169.1	4796.7
22.5°	15886.0	14937.7	14197.8	13534.3	12944.0	12335.5	11693.0	10999.1	10238.4	8272.2	5786.8
20°	18066.7	15886.0	14841.7	14053.7	13356.9	12721.0	12068.8	11366.3	10600.0	9138.8	6820.6
17.5°	23941.1	17780.5	15494.5	14557.7	13770.9	13070.9	12394.0	11688.2	10926.3	9918.8	7748.9
15°	32075.9	21736.5	16936.8	15102.2	14167.3	13383.1	12683.3	11973.1	11207.6	10369.7	8409.3
12.5°	47367.8	27367.0	18339.8	15579.9	14535.0	13677.2	12933.1	12203.7	11434.6	10598.7	8954.2
10°	62226.0	35412.4	21817.0	16660.5	14903.1	13943.3	13141.5	12395.8	11623.3	10788.6	9405.4
7.5°	79870.0	45051.7	25325.0	17527.1	15196.1	14154.3	13306.3	12547.4	11771.9	10937.9	9759.7
5°	92978.5	52158.2	27896.4	18159.4	15409.2	14307.4	13425.6	12656.9	11879.0	11045.5	10014.7
2.5°	101067.2	56517.9	29467.2	18544.5	15538.6	14400.2	13497.8	12723.1	11943.8	11110.4	10168.5
0°	103803.2	57988.0	29995.7	18673.8	15582.0	14431.3	13522.0	12745.2	11965.4	11132.1	10219.9
-2.5°	101067.2	56517.9	29467.2	18544.5	15538.6	14400.2	13497.8	12723.1	11943.8	11110.4	10168.5
-5°	92978.5	52158.2	27896.4	18159.4	15409.2	14307.4	13425.6	12656.9	11879.0	11045.5	10014.7
-7.5°	79870.0	45051.7	25325.0	17527.1	15196.1	14154.3	13306.3	12547.4	11771.9	10937.9	9759.7
-10°	62226.0	35412.4	21817.0	16660.5	14903.1	13943.3	13141.5	12395.8	11623.3	10788.6	9405.4
-12.5°	47367.8	27367.0	18339.8	15579.9	14535.0	13677.2	12933.1	12203.7	11434.6	10598.7	8954.2
-15°	32075.9	21736.5	16936.8	15102.2	14167.3	13383.1	12683.3	11973.1	11207.6	10369.7	8409.3
-17.5°	23941.1	17780.5	15494.5	14557.7	13770.9	13070.9	12394.0	11688.2	10926.3	9918.8	7748.9
-20°	18066.7	15886.0	14841.7	14053.7	13356.9	12721.0	12068.8	11366.3	10600.0	9138.8	6820.6



REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15886.0	14937.7	14197.8	13534.3	12944.0	12335.5	11693.0	10999.1	10238.4	8272.2	5786.8
-25°	14841.7	14197.8	13603.7	13057.4	12498.8	11915.8	11277.6	10575.2	9248.1	7169.1	4796.7
-27.5°	14053.7	13534.3	13057.4	12553.8	12024.7	11440.7	10804.4	9961.3	8149.4	5850.4	4573.5
-30°	13356.9	12944.0	12498.8	12024.7	11495.5	10920.4	10288.0	8709.7	6723.0	4758.0	4334.3
-32.5°	12721.0	12335.5	11915.8	11440.7	10920.4	10344.5	8993.1	7254.0	5127.6	4486.1	4167.8
-35°	12068.8	11693.0	11277.6	10804.4	10288.0	8993.1	7432.2	5474.7	4578.3	4234.1	4019.4
-37.5°	11366.3	10999.1	10575.2	9961.3	8709.7	7254.0	5474.7	4609.3	4267.6	4068.4	3789.1
-40°	10600.0	10238.4	9248.1	8149.4	6723.0	5127.6	4578.3	4267.6	4084.9	3843.8	3513.9
-42.5°	9138.8	8272.2	7169.1	5850.4	4758.0	4486.1	4234.1	4068.4	3843.8	3540.8	3193.9
-45°	6820.6	5786.8	4796.7	4573.5	4334.3	4167.8	4019.4	3789.1	3513.9	3193.9	2853.4
-47.5°	4698.0	4524.1	4333.0	4193.0	4069.8	3916.0	3680.7	3430.7	3132.8	2825.6	2530.2
-50°	4234.8	4145.9	4048.1	3921.4	3727.2	3520.2	3277.8	3011.7	2742.7	2475.5	2208.7
-52.5°	3948.7	3809.8	3656.6	3489.9	3288.5	3067.1	2834.0	2605.9	2366.9	2135.9	1902.7
-55°	3475.9	3332.3	3169.8	2992.7	2805.7	2617.3	2417.2	2215.4	2015.8	1807.3	1605.1
-57.5°	2931.1	2800.9	2663.7	2514.0	2352.3	2191.2	2025.2	1849.9	1675.1	1495.6	1312.9
-60°	2417.2	2304.1	2191.2	2068.1	1935.0	1793.1	1651.6	1501.9	1344.4	1200.2	1050.4
-62.5°	1946.3	1854.0	1755.5	1651.6	1539.0	1418.2	1296.0	1177.2	1052.0	923.0	804.3
-65°	1507.1	1429.9	1344.4	1262.3	1173.9	1078.9	977.6	879.0	780.9	677.9	573.4
-67.5°	1110.4	1050.4	983.9	914.5	846.0	772.4	693.9	610.5	534.9	460.5	382.8
-70°	760.9	715.1	664.3	608.6	555.5	503.1	447.2	387.8	325.0	276.8	235.3
-72.5°	463.4	431.3	395.8	356.8	314.4	282.7	253.3	222.1	189.1	154.5	127.9
-75°	240.8	224.3	206.0	186.0	164.2	140.8	127.0	117.4	107.3	96.6	85.4
-77.5°	114.6	109.7	104.2	98.2	91.7	84.7	77.2	71.0	67.9	64.7	61.3
-80°	66.5	65.1	63.5	61.8	59.9	57.9	55.7	53.3	50.9	48.6	46.5
-82.5°	46.4	45.6	44.7	43.6	42.5	41.3	40.1	38.7	37.3	35.8	34.2
-85°	30.5	30.0	29.5	29.0	28.4	27.8	27.2	26.5	25.7	24.9	24.1
-87.5°	17.4	17.1	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.6	13.1
-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: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-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°	12.5	11.9	11.3	10.6	9.9	9.2	8.5	7.8	7.1	6.3	5.6
85°	23.3	22.4	21.4	20.5	19.5	18.5	17.1	15.6	14.1	12.6	11.1
82.5°	32.5	31.1	29.7	28.3	26.8	25.3	23.7	22.1	20.5	18.8	16.6
80°	44.3	42.0	39.6	37.1	34.6	32.0	29.9	27.8	25.6	23.4	21.2
77.5°	57.7	54.1	50.2	47.0	43.8	40.6	37.3	33.8	30.7	28.0	25.2
75°	73.7	68.2	63.6	58.9	54.0	49.1	45.1	41.1	36.9	32.6	29.2
72.5°	114.3	100.1	85.5	71.4	65.7	59.9	53.9	48.2	43.4	38.4	33.4
70°	192.0	147.0	121.5	104.3	86.5	70.6	63.8	56.9	49.8	44.1	38.4
67.5°	302.6	251.9	199.6	145.6	117.8	97.3	76.4	65.8	57.9	49.8	43.4
65°	483.3	389.9	297.5	237.5	176.0	126.0	102.8	79.1	65.8	56.9	48.2
62.5°	681.0	559.7	453.4	344.1	260.4	191.2	128.7	102.8	76.4	63.8	53.9
60°	900.4	760.9	617.1	491.9	369.7	268.1	191.2	126.0	97.3	70.6	59.9
57.5°	1144.0	969.5	809.2	649.1	504.7	369.7	260.4	176.0	117.8	86.5	65.7
55°	1396.0	1200.7	1007.1	825.4	649.1	491.9	344.1	237.5	145.6	104.3	71.4
52.5°	1671.3	1439.8	1219.6	1007.1	809.2	617.1	453.4	297.5	199.6	121.5	85.5
50°	1950.8	1693.5	1439.8	1200.7	969.5	760.9	559.7	389.9	251.9	147.0	100.1
47.5°	2233.0	1950.8	1671.3	1396.0	1144.0	900.4	681.0	483.3	302.6	192.0	114.3
45°	2530.2	2208.7	1902.7	1605.1	1312.9	1050.4	804.3	573.4	382.8	235.3	127.9
42.5°	2825.6	2475.5	2135.9	1807.3	1495.6	1200.2	923.0	677.9	460.5	276.8	154.5
40°	3132.8	2742.7	2366.9	2015.8	1675.1	1344.4	1052.0	780.9	534.9	325.0	189.1
37.5°	3430.7	3011.7	2605.9	2215.4	1849.9	1501.9	1177.2	879.0	610.5	387.8	222.1
35°	3680.7	3277.8	2834.0	2417.2	2025.2	1651.6	1296.0	977.6	693.9	447.2	253.3
32.5°	3916.0	3520.2	3067.1	2617.3	2191.2	1793.1	1418.2	1078.9	772.4	503.1	282.7
30°	4069.8	3727.2	3288.5	2805.7	2352.3	1935.0	1539.0	1173.9	846.0	555.5	314.4
27.5°	4193.0	3921.4	3489.9	2992.7	2514.0	2068.1	1651.6	1262.3	914.5	608.6	356.8
25°	4333.0	4048.1	3656.6	3169.8	2663.7	2191.2	1755.5	1344.4	983.9	664.3	395.8
22.5°	4524.1	4145.9	3809.8	3332.3	2800.9	2304.1	1854.0	1429.9	1050.4	715.1	431.3
20°	4698.0	4234.8	3948.7	3475.9	2931.1	2417.2	1946.3	1507.1	1110.4	760.9	463.4
17.5°	4968.0	4344.9	4031.0	3589.8	3051.2	2517.9	2028.4	1575.8	1163.7	801.6	491.9
15°	5721.5	4471.1	4095.2	3689.5	3156.3	2605.9	2100.1	1635.8	1210.2	837.1	516.7
12.5°	6367.1	4579.0	4150.0	3774.7	3245.9	2680.9	2161.2	1686.8	1249.8	867.3	537.8
10°	6900.9	4668.2	4195.3	3844.9	3319.7	2742.7	2211.4	1728.8	1282.3	892.1	555.1
7.5°	7319.8	4738.1	4230.7	3899.8	3377.4	2791.0	2250.7	1761.6	1307.7	911.5	568.6
5°	7620.9	4788.3	4256.2	3939.2	3418.9	2825.6	2278.8	1785.1	1325.9	925.4	578.3
2.5°	7802.4	4818.5	4271.5	3963.0	3443.8	2846.4	2295.8	1799.2	1336.9	933.7	584.2
0°	7863.0	4828.6	4276.6	3970.9	3452.1	2853.4	2301.4	1803.9	1340.5	936.5	586.1
-2.5°	7802.4	4818.5	4271.5	3963.0	3443.8	2846.4	2295.8	1799.2	1336.9	933.7	584.2
-5°	7620.9	4788.3	4256.2	3939.2	3418.9	2825.6	2278.8	1785.1	1325.9	925.4	578.3
-7.5°	7319.8	4738.1	4230.7	3899.8	3377.4	2791.0	2250.7	1761.6	1307.7	911.5	568.6
-10°	6900.9	4668.2	4195.3	3844.9	3319.7	2742.7	2211.4	1728.8	1282.3	892.1	555.1
-12.5°	6367.1	4579.0	4150.0	3774.7	3245.9	2680.9	2161.2	1686.8	1249.8	867.3	537.8
-15°	5721.5	4471.1	4095.2	3689.5	3156.3	2605.9	2100.1	1635.8	1210.2	837.1	516.7
-17.5°	4968.0	4344.9	4031.0	3589.8	3051.2	2517.9	2028.4	1575.8	1163.7	801.6	491.9
-20°	4698.0	4234.8	3948.7	3475.9	2931.1	2417.2	1946.3	1507.1	1110.4	760.9	463.4



REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4524.1	4145.9	3809.8	3332.3	2800.9	2304.1	1854.0	1429.9	1050.4	715.1	431.3
-25°	4333.0	4048.1	3656.6	3169.8	2663.7	2191.2	1755.5	1344.4	983.9	664.3	395.8
-27.5°	4193.0	3921.4	3489.9	2992.7	2514.0	2068.1	1651.6	1262.3	914.5	608.6	356.8
-30°	4069.8	3727.2	3288.5	2805.7	2352.3	1935.0	1539.0	1173.9	846.0	555.5	314.4
-32.5°	3916.0	3520.2	3067.1	2617.3	2191.2	1793.1	1418.2	1078.9	772.4	503.1	282.7
-35°	3680.7	3277.8	2834.0	2417.2	2025.2	1651.6	1296.0	977.6	693.9	447.2	253.3
-37.5°	3430.7	3011.7	2605.9	2215.4	1849.9	1501.9	1177.2	879.0	610.5	387.8	222.1
-40°	3132.8	2742.7	2366.9	2015.8	1675.1	1344.4	1052.0	780.9	534.9	325.0	189.1
-42.5°	2825.6	2475.5	2135.9	1807.3	1495.6	1200.2	923.0	677.9	460.5	276.8	154.5
-45°	2530.2	2208.7	1902.7	1605.1	1312.9	1050.4	804.3	573.4	382.8	235.3	127.9
-47.5°	2233.0	1950.8	1671.3	1396.0	1144.0	900.4	681.0	483.3	302.6	192.0	114.3
-50°	1950.8	1693.5	1439.8	1200.7	969.5	760.9	559.7	389.9	251.9	147.0	100.1
-52.5°	1671.3	1439.8	1219.6	1007.1	809.2	617.1	453.4	297.5	199.6	121.5	85.5
-55°	1396.0	1200.7	1007.1	825.4	649.1	491.9	344.1	237.5	145.6	104.3	71.4
-57.5°	1144.0	969.5	809.2	649.1	504.7	369.7	260.4	176.0	117.8	86.5	65.7
-60°	900.4	760.9	617.1	491.9	369.7	268.1	191.2	126.0	97.3	70.6	59.9
-62.5°	681.0	559.7	453.4	344.1	260.4	191.2	128.7	102.8	76.4	63.8	53.9
-65°	483.3	389.9	297.5	237.5	176.0	126.0	102.8	79.1	65.8	56.9	48.2
-67.5°	302.6	251.9	199.6	145.6	117.8	97.3	76.4	65.8	57.9	49.8	43.4
-70°	192.0	147.0	121.5	104.3	86.5	70.6	63.8	56.9	49.8	44.1	38.4
-72.5°	114.3	100.1	85.5	71.4	65.7	59.9	53.9	48.2	43.4	38.4	33.4
-75°	73.7	68.2	63.6	58.9	54.0	49.1	45.1	41.1	36.9	32.6	29.2
-77.5°	57.7	54.1	50.2	47.0	43.8	40.6	37.3	33.8	30.7	28.0	25.2
-80°	44.3	42.0	39.6	37.1	34.6	32.0	29.9	27.8	25.6	23.4	21.2
-82.5°	32.5	31.1	29.7	28.3	26.8	25.3	23.7	22.1	20.5	18.8	16.6
-85°	23.3	22.4	21.4	20.5	19.5	18.5	17.1	15.6	14.1	12.6	11.1
-87.5°	12.5	11.9	11.3	10.6	9.9	9.2	8.5	7.8	7.1	6.3	5.6
-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: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-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°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
85°	9.6	8.0	6.4	4.8	3.2	1.6	0.0
82.5°	14.3	12.0	9.6	7.2	4.8	2.4	0.0
80°	18.9	15.9	12.8	9.6	6.4	3.2	0.0
77.5°	22.4	19.5	15.9	12.0	8.0	4.0	0.0
75°	25.8	22.4	18.9	14.3	9.6	4.8	0.0
72.5°	29.2	25.2	21.2	16.6	11.1	5.6	0.0
70°	32.6	28.0	23.4	18.8	12.6	6.3	0.0
67.5°	36.9	30.7	25.6	20.5	14.1	7.1	0.0
65°	41.1	33.8	27.8	22.1	15.6	7.8	0.0
62.5°	45.1	37.3	29.9	23.7	17.1	8.5	0.0
60°	49.1	40.6	32.0	25.3	18.5	9.2	0.0
57.5°	54.0	43.8	34.6	26.8	19.5	9.9	0.0
55°	58.9	47.0	37.1	28.3	20.5	10.6	0.0
52.5°	63.6	50.2	39.6	29.7	21.4	11.3	0.0
50°	68.2	54.1	42.0	31.1	22.4	11.9	0.0
47.5°	73.7	57.7	44.3	32.5	23.3	12.5	0.0
45°	85.4	61.3	46.5	34.2	24.1	13.1	0.0
42.5°	96.6	64.7	48.6	35.8	24.9	13.6	0.0
40°	107.3	67.9	50.9	37.3	25.7	14.2	0.0
37.5°	117.4	71.0	53.3	38.7	26.5	14.7	0.0
35°	127.0	77.2	55.7	40.1	27.2	15.2	0.0
32.5°	140.8	84.7	57.9	41.3	27.8	15.6	0.0
30°	164.2	91.7	59.9	42.5	28.4	16.0	0.0
27.5°	186.0	98.2	61.8	43.6	29.0	16.4	0.0
25°	206.0	104.2	63.5	44.7	29.5	16.8	0.0
22.5°	224.3	109.7	65.1	45.6	30.0	17.1	0.0
20°	240.8	114.6	66.5	46.4	30.5	17.4	0.0
17.5°	255.4	119.0	67.8	47.2	30.8	17.6	0.0
15°	268.1	122.8	68.9	47.8	31.2	17.9	0.0
12.5°	278.9	126.0	69.9	48.3	31.5	18.1	0.0
10°	287.8	128.7	70.6	48.8	31.7	18.2	0.0
7.5°	294.8	130.7	71.2	49.1	31.9	18.3	0.0
5°	299.7	132.2	71.7	49.4	32.0	18.4	0.0
2.5°	302.7	133.1	71.9	49.5	32.1	18.5	0.0
0°	303.7	133.4	72.0	49.6	32.1	18.5	0.0
-2.5°	302.7	133.1	71.9	49.5	32.1	18.5	0.0
-5°	299.7	132.2	71.7	49.4	32.0	18.4	0.0
-7.5°	294.8	130.7	71.2	49.1	31.9	18.3	0.0
-10°	287.8	128.7	70.6	48.8	31.7	18.2	0.0
-12.5°	278.9	126.0	69.9	48.3	31.5	18.1	0.0
-15°	268.1	122.8	68.9	47.8	31.2	17.9	0.0
-17.5°	255.4	119.0	67.8	47.2	30.8	17.6	0.0
-20°	240.8	114.6	66.5	46.4	30.5	17.4	0.0



REPORT NUMBER: P1306503 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-40-70-2S-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	224.3	109.7	65.1	45.6	30.0	17.1	0.0
-25°	206.0	104.2	63.5	44.7	29.5	16.8	0.0
-27.5°	186.0	98.2	61.8	43.6	29.0	16.4	0.0
-30°	164.2	91.7	59.9	42.5	28.4	16.0	0.0
-32.5°	140.8	84.7	57.9	41.3	27.8	15.6	0.0
-35°	127.0	77.2	55.7	40.1	27.2	15.2	0.0
-37.5°	117.4	71.0	53.3	38.7	26.5	14.7	0.0
-40°	107.3	67.9	50.9	37.3	25.7	14.2	0.0
-42.5°	96.6	64.7	48.6	35.8	24.9	13.6	0.0
-45°	85.4	61.3	46.5	34.2	24.1	13.1	0.0
-47.5°	73.7	57.7	44.3	32.5	23.3	12.5	0.0
-50°	68.2	54.1	42.0	31.1	22.4	11.9	0.0
-52.5°	63.6	50.2	39.6	29.7	21.4	11.3	0.0
-55°	58.9	47.0	37.1	28.3	20.5	10.6	0.0
-57.5°	54.0	43.8	34.6	26.8	19.5	9.9	0.0
-60°	49.1	40.6	32.0	25.3	18.5	9.2	0.0
-62.5°	45.1	37.3	29.9	23.7	17.1	8.5	0.0
-65°	41.1	33.8	27.8	22.1	15.6	7.8	0.0
-67.5°	36.9	30.7	25.6	20.5	14.1	7.1	0.0
-70°	32.6	28.0	23.4	18.8	12.6	6.3	0.0
-72.5°	29.2	25.2	21.2	16.6	11.1	5.6	0.0
-75°	25.8	22.4	18.9	14.3	9.6	4.8	0.0
-77.5°	22.4	19.5	15.9	12.0	8.0	4.0	0.0
-80°	18.9	15.9	12.8	9.6	6.4	3.2	0.0
-82.5°	14.3	12.0	9.6	7.2	4.8	2.4	0.0
-85°	9.6	8.0	6.4	4.8	3.2	1.6	0.0
-87.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)