

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: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-1200R-57-70-5S-S**

Issue Date: 8/10/2023

Test Information

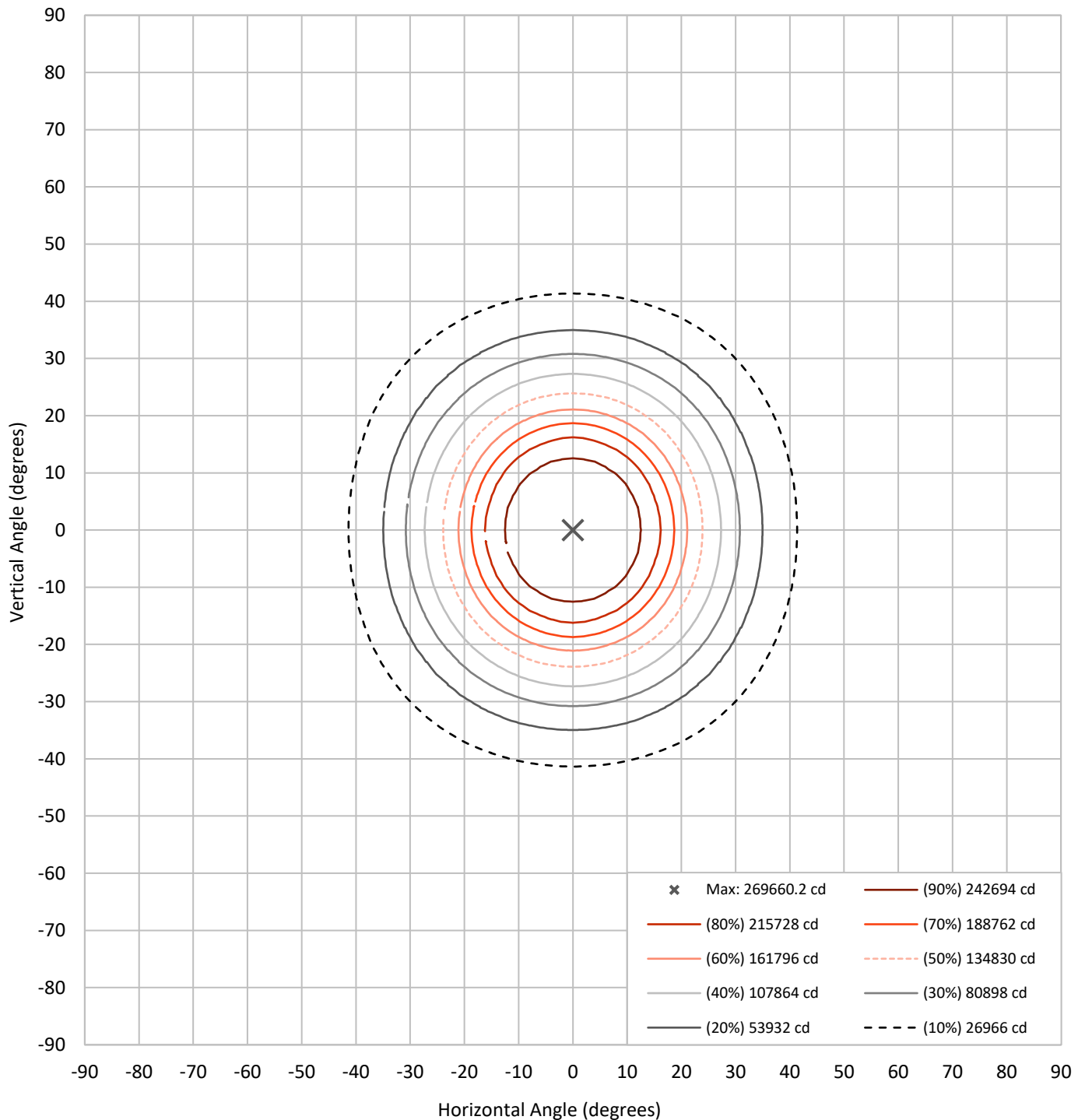
Test Method: LM-79-08
Report Number: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-13)
Test Lab: INNOVATION CENTER
Issue Date: 8/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-16-1200R-57-70-5S-S
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	196776.7 lumens	Max Intensity:	269660.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.1 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	47.8°H x 47.8°V	Field Angle (10%):	82.7°H x 82.7°V
Beam Lumens:	109680.4 lumens	Field Lumens:	181041.1 lumens
Beam Efficiency:	55.7%	Field Efficiency:	92.0%
Input Watts (W):	1244.6		
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: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

Iso-Candela Plot





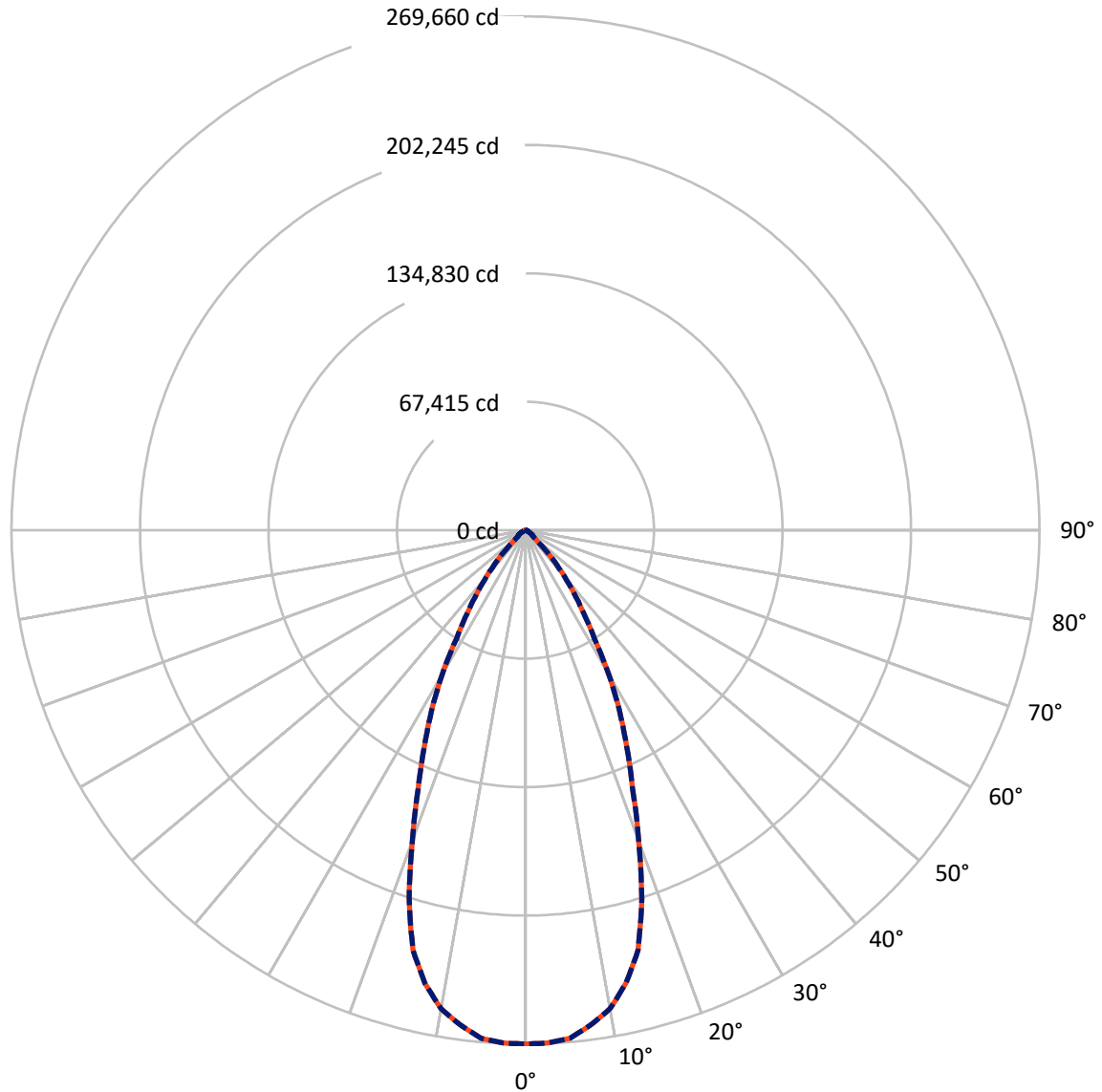
REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

Lumen Table

90																			
80	0.2	1.8		6.9		15.9		20.5		15.9		6.9		1.8		0.2			
70																			
60	0.8	1.1	4.0	10.6	21.0	33.2	44.1	50.3	50.3	44.1	33.2	21.0	10.6	4.0	1.1	0.8			
50		3.0	12.2	31.2	59.3	90.1	114.4	127.9	127.9	114.4	90.1	59.3	31.2	12.2	3.0				
40	2.3	6.6	25.6	62.7	109.8	186.9	341.2	468.1	468.1	341.2	186.9	109.8	62.7	25.6	6.6	2.3			
30		11.2	42.0	95.0	241.4	688.2	1230.7	1617.2	1617.2	1230.7	688.2	241.4	95.0	42.0	11.2				
20	4.6	16.0	57.8	147.3	625.5	1551.6	2788.7	3699.1	3699.1	2788.7	1551.6	625.5	147.3	57.8	16.0	4.6			
10		20.0	68.8	254.9	1051.5	2624.1	4758.8	6457.9	6457.9	4758.8	2624.1	1051.5	254.9	68.8	20.0				
0	5.6	22.1	74.5	339.9	1341.7	3378.8	6269.9	7870.2	7870.2	6269.9	3378.8	1341.7	339.9	74.5	22.1	5.6			
-10		22.1	74.5	339.9	1341.7	3378.8	6269.9	7870.2	7870.2	6269.9	3378.8	1341.7	339.9	74.5	22.1				
-20	4.6	20.0	68.8	254.9	1051.5	2624.1	4758.8	6457.9	6457.9	4758.8	2624.1	1051.5	254.9	68.8	20.0	4.6			
-30		16.0	57.8	147.3	625.5	1551.6	2788.7	3699.1	3699.1	2788.7	1551.6	625.5	147.3	57.8	16.0				
-40	2.3	11.2	42.0	95.0	241.4	688.2	1230.7	1617.2	1617.2	1230.7	688.2	241.4	95.0	42.0	11.2	2.3			
-50		6.6	25.6	62.7	109.8	186.9	341.2	468.1	468.1	341.2	186.9	109.8	62.7	25.6	6.6				
-60	0.8	3.0	12.2	31.2	59.3	90.1	114.4	127.9	127.9	114.4	90.1	59.3	31.2	12.2	3.0	0.8			
-70		1.1	4.0	10.6	21.0	33.2	44.1	50.3	50.3	44.1	33.2	21.0	10.6	4.0	1.1				
-80	0.2	1.8		6.9		15.9		20.5		15.9		6.9		1.8		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

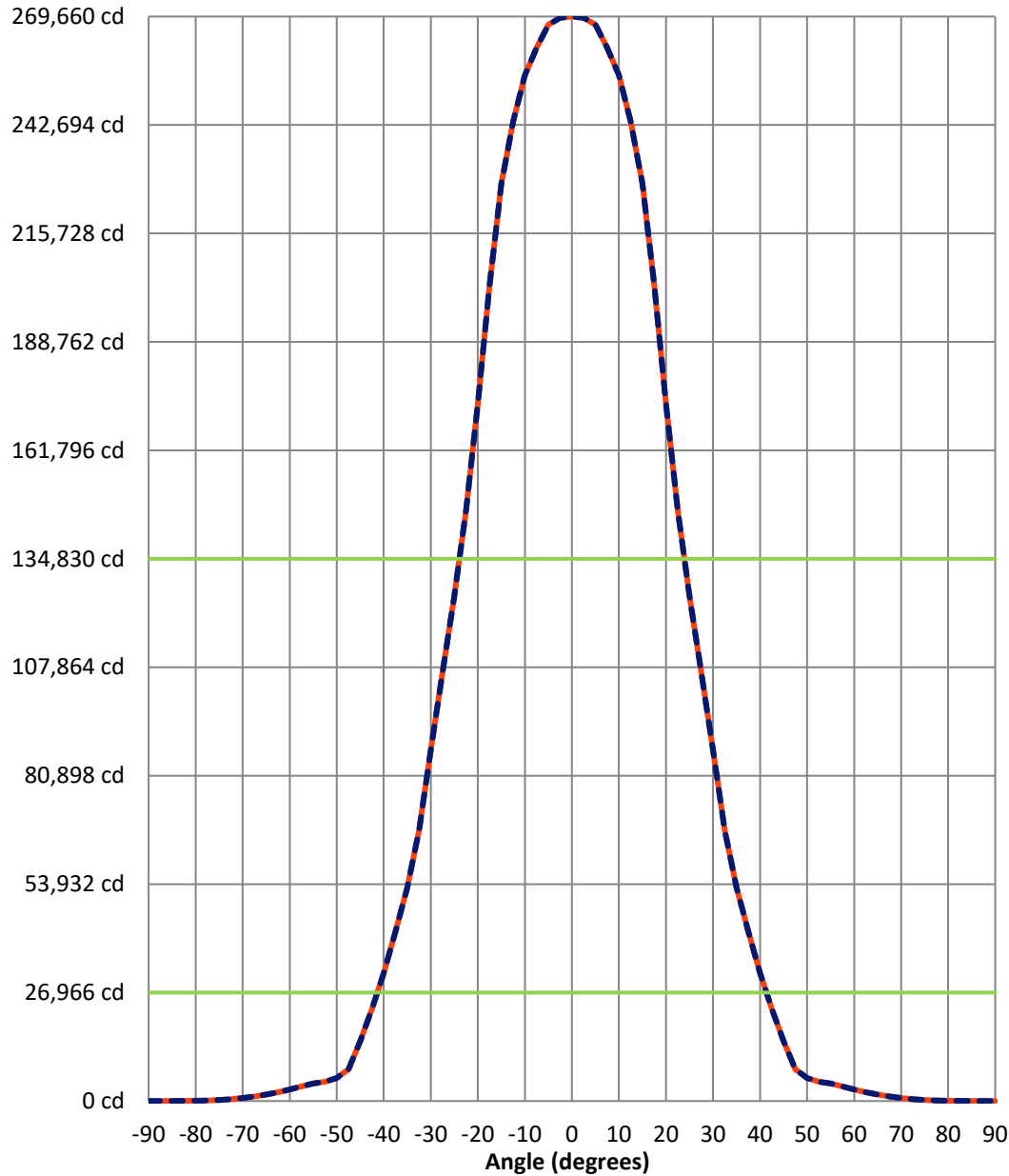
Luminous Intensity Polar Plot



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

REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

Luminous Intensity Plot



Beam:
 H Angle: 47.8°
 V Angle: 47.8°
 Lumens: 109680.4
 Efficiency: 55.7%

Field:
 H Angle: 82.7°
 V Angle: 82.7°
 Lumens: 181041.1
 Efficiency: 92.0%

Spill:
 Lumens: 15735.5
 Efficiency: 8.0%

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

REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

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	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
85°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.1
82.5°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	6.5	7.6	9.6	11.5
80°	0.0	1.2	2.5	3.7	5.0	6.2	7.7	10.4	13.1	15.8	18.4
77.5°	0.0	1.6	3.1	4.7	6.2	8.4	11.9	15.3	18.6	22.0	25.6
75°	0.0	1.9	3.7	5.6	7.7	11.9	16.0	20.1	24.2	29.2	34.1
72.5°	0.0	2.2	4.3	6.5	10.4	15.3	20.1	25.1	31.0	36.8	42.6
70°	0.0	2.5	4.9	7.6	13.1	18.6	24.2	31.0	37.8	44.4	52.2
67.5°	0.0	2.8	5.5	9.6	15.8	22.0	29.2	36.8	44.4	53.3	62.0
65°	0.0	3.0	6.1	11.5	18.4	25.6	34.1	42.6	52.2	62.0	76.3
62.5°	0.0	3.3	6.6	13.5	21.0	29.7	39.0	48.9	59.8	73.4	101.2
60°	0.0	3.6	7.2	15.3	23.5	33.6	43.7	55.5	67.3	95.5	125.7
57.5°	0.0	3.9	8.4	17.2	26.5	37.4	49.1	61.9	84.1	117.1	164.8
55°	0.0	4.1	9.6	19.0	29.5	41.2	54.4	68.1	102.8	142.5	210.2
52.5°	0.0	4.4	10.8	20.7	32.4	44.9	59.6	83.0	121.0	182.2	254.3
50°	0.0	4.6	11.9	22.4	35.2	49.1	64.6	98.4	143.5	220.8	320.0
47.5°	0.0	4.9	12.9	24.1	37.9	53.1	70.6	113.4	176.6	258.1	386.3
45°	0.0	5.1	14.0	26.0	40.5	57.0	82.9	127.7	208.5	315.0	450.2
42.5°	0.0	5.3	15.0	27.9	43.0	60.8	94.7	149.0	239.1	370.1	537.2
40°	0.0	5.5	15.9	29.7	45.6	64.3	106.0	174.5	274.0	422.9	624.8
37.5°	0.0	5.7	16.8	31.4	48.3	67.7	116.7	198.8	318.5	480.0	708.2
35°	0.0	5.9	17.7	33.0	50.9	74.3	126.8	221.8	360.7	550.8	796.0
32.5°	0.0	6.1	18.5	34.5	53.3	82.2	138.9	243.4	400.4	617.6	891.8
30°	0.0	6.2	19.2	35.9	55.5	89.6	156.2	266.5	437.5	680.2	981.6
27.5°	0.0	6.4	19.9	37.2	57.6	96.5	172.2	296.5	478.3	738.4	1065.2
25°	0.0	6.5	20.5	38.4	59.5	102.8	187.0	324.2	525.7	802.0	1143.2
22.5°	0.0	6.7	21.1	39.5	61.2	108.5	200.4	349.4	568.9	864.8	1231.2
20°	0.0	6.8	21.6	40.5	62.8	113.7	212.6	372.2	607.8	921.5	1310.6
17.5°	0.0	6.9	22.1	41.3	64.2	118.3	223.3	392.4	642.4	972.0	1381.3
15°	0.0	7.0	22.5	42.1	65.4	122.3	232.7	410.0	672.6	1016.0	1442.9
12.5°	0.0	7.0	22.8	42.7	66.4	125.7	240.7	424.9	698.3	1053.4	1495.4
10°	0.0	7.1	23.1	43.3	67.3	128.5	247.2	437.2	719.4	1084.2	1538.6
7.5°	0.0	7.1	23.3	43.7	67.9	130.7	252.3	446.8	735.9	1108.2	1572.4
5°	0.0	7.2	23.5	44.0	68.4	132.2	256.0	453.7	747.6	1125.4	1596.5
2.5°	0.0	7.2	23.6	44.1	68.7	133.2	258.2	457.8	754.7	1135.7	1611.1
0°	0.0	7.2	23.6	44.2	68.8	133.5	258.9	459.2	757.1	1139.2	1615.9
-2.5°	0.0	7.2	23.6	44.1	68.7	133.2	258.2	457.8	754.7	1135.7	1611.1
-5°	0.0	7.2	23.5	44.0	68.4	132.2	256.0	453.7	747.6	1125.4	1596.5
-7.5°	0.0	7.1	23.3	43.7	67.9	130.7	252.3	446.8	735.9	1108.2	1572.4
-10°	0.0	7.1	23.1	43.3	67.3	128.5	247.2	437.2	719.4	1084.2	1538.6
-12.5°	0.0	7.0	22.8	42.7	66.4	125.7	240.7	424.9	698.3	1053.4	1495.4
-15°	0.0	7.0	22.5	42.1	65.4	122.3	232.7	410.0	672.6	1016.0	1442.9
-17.5°	0.0	6.9	22.1	41.3	64.2	118.3	223.3	392.4	642.4	972.0	1381.3
-20°	0.0	6.8	21.6	40.5	62.8	113.7	212.6	372.2	607.8	921.5	1310.6



REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.7	21.1	39.5	61.2	108.5	200.4	349.4	568.9	864.8	1231.2
-25°	0.0	6.5	20.5	38.4	59.5	102.8	187.0	324.2	525.7	802.0	1143.2
-27.5°	0.0	6.4	19.9	37.2	57.6	96.5	172.2	296.5	478.3	738.4	1065.2
-30°	0.0	6.2	19.2	35.9	55.5	89.6	156.2	266.5	437.5	680.2	981.6
-32.5°	0.0	6.1	18.5	34.5	53.3	82.2	138.9	243.4	400.4	617.6	891.8
-35°	0.0	5.9	17.7	33.0	50.9	74.3	126.8	221.8	360.7	550.8	796.0
-37.5°	0.0	5.7	16.8	31.4	48.3	67.7	116.7	198.8	318.5	480.0	708.2
-40°	0.0	5.5	15.9	29.7	45.6	64.3	106.0	174.5	274.0	422.9	624.8
-42.5°	0.0	5.3	15.0	27.9	43.0	60.8	94.7	149.0	239.1	370.1	537.2
-45°	0.0	5.1	14.0	26.0	40.5	57.0	82.9	127.7	208.5	315.0	450.2
-47.5°	0.0	4.9	12.9	24.1	37.9	53.1	70.6	113.4	176.6	258.1	386.3
-50°	0.0	4.6	11.9	22.4	35.2	49.1	64.6	98.4	143.5	220.8	320.0
-52.5°	0.0	4.4	10.8	20.7	32.4	44.9	59.6	83.0	121.0	182.2	254.3
-55°	0.0	4.1	9.6	19.0	29.5	41.2	54.4	68.1	102.8	142.5	210.2
-57.5°	0.0	3.9	8.4	17.2	26.5	37.4	49.1	61.9	84.1	117.1	164.8
-60°	0.0	3.6	7.2	15.3	23.5	33.6	43.7	55.5	67.3	95.5	125.7
-62.5°	0.0	3.3	6.6	13.5	21.0	29.7	39.0	48.9	59.8	73.4	101.2
-65°	0.0	3.0	6.1	11.5	18.4	25.6	34.1	42.6	52.2	62.0	76.3
-67.5°	0.0	2.8	5.5	9.6	15.8	22.0	29.2	36.8	44.4	53.3	62.0
-70°	0.0	2.5	4.9	7.6	13.1	18.6	24.2	31.0	37.8	44.4	52.2
-72.5°	0.0	2.2	4.3	6.5	10.4	15.3	20.1	25.1	31.0	36.8	42.6
-75°	0.0	1.9	3.7	5.6	7.7	11.9	16.0	20.1	24.2	29.2	34.1
-77.5°	0.0	1.6	3.1	4.7	6.2	8.4	11.9	15.3	18.6	22.0	25.6
-80°	0.0	1.2	2.5	3.7	5.0	6.2	7.7	10.4	13.1	15.8	18.4
-82.5°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	6.5	7.6	9.6	11.5
-85°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.1
-87.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
-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: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-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°	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.5	5.7
85°	6.6	7.2	8.4	9.6	10.8	11.9	12.9	14.0	15.0	15.9	16.8
82.5°	13.5	15.3	17.2	19.0	20.7	22.4	24.1	26.0	27.9	29.7	31.4
80°	21.0	23.5	26.5	29.5	32.4	35.2	37.9	40.5	43.0	45.6	48.3
77.5°	29.7	33.6	37.4	41.2	44.9	49.1	53.1	57.0	60.8	64.3	67.7
75°	39.0	43.7	49.1	54.4	59.6	64.6	70.6	82.9	94.7	106.0	116.7
72.5°	48.9	55.5	61.9	68.1	83.0	98.4	113.4	127.7	149.0	174.5	198.8
70°	59.8	67.3	84.1	102.8	121.0	143.5	176.6	208.5	239.1	274.0	318.5
67.5°	73.4	95.5	117.1	142.5	182.2	220.8	258.1	315.0	370.1	422.9	480.0
65°	101.2	125.7	164.8	210.2	254.3	320.0	386.3	450.2	537.2	624.8	708.2
62.5°	128.6	176.1	227.0	287.6	365.1	440.4	539.9	644.7	745.6	866.4	984.7
60°	176.1	232.7	305.7	392.4	485.5	607.8	726.4	864.8	1006.5	1143.2	1305.2
57.5°	227.0	305.7	401.5	512.8	648.9	788.3	953.4	1113.1	1298.8	1483.4	1668.6
55°	287.6	392.4	512.8	662.7	823.8	1006.9	1196.3	1411.4	1619.7	1858.7	2087.5
52.5°	365.1	485.5	648.9	823.8	1024.9	1241.3	1479.5	1729.2	1996.4	2267.4	2563.9
50°	440.4	607.8	788.3	1006.9	1241.3	1502.3	1784.3	2079.7	2402.1	2733.7	3075.1
47.5°	539.9	726.4	953.4	1196.3	1479.5	1784.3	2107.7	2470.0	2836.6	3231.2	3615.0
45°	644.7	864.8	1113.1	1411.4	1729.2	2079.7	2470.0	2871.1	3309.9	3729.0	4113.7
42.5°	745.6	1006.5	1298.8	1619.7	1996.4	2402.1	2836.6	3309.9	3766.6	4190.1	4503.1
40°	866.4	1143.2	1483.4	1858.7	2267.4	2733.7	3231.2	3729.0	4190.1	4526.0	4779.6
37.5°	984.7	1305.2	1668.6	2087.5	2563.9	3075.1	3615.0	4113.7	4503.1	4779.6	5362.2
35°	1097.1	1459.2	1869.5	2329.7	2847.0	3417.9	3962.1	4435.1	4733.2	5309.2	6200.4
32.5°	1219.2	1604.8	2059.7	2578.0	3146.4	3737.8	4291.0	4641.1	5151.1	5952.1	7473.0
30°	1343.4	1766.2	2249.2	2811.9	3431.7	4027.2	4505.0	4891.0	5617.1	7093.3	10430.8
27.5°	1459.2	1918.7	2449.9	3050.7	3695.4	4298.6	4676.1	5301.0	6469.1	8761.7	14158.5
25°	1566.1	2059.7	2635.7	3278.9	3928.5	4474.9	4888.8	5683.6	7412.4	12034.4	18048.8
22.5°	1673.4	2189.4	2805.9	3488.2	4142.5	4610.7	5216.3	6423.6	9127.4	15091.5	21770.1
20°	1779.0	2329.7	2971.2	3675.8	4336.8	4734.1	5514.4	7163.0	11708.8	18266.6	25441.9
17.5°	1873.1	2454.7	3126.0	3835.1	4451.3	4909.2	5837.9	7827.1	14032.0	21130.9	28881.9
15°	1955.3	2563.9	3261.4	3974.5	4540.3	5125.4	6376.9	9536.0	16244.2	23745.1	31946.3
12.5°	2025.3	2657.1	3376.9	4093.5	4616.4	5310.4	6838.7	11159.0	18254.6	26171.6	35005.9
10°	2082.9	2733.7	3472.0	4191.6	4679.2	5463.2	7220.5	12502.8	19921.9	28187.8	37553.7
7.5°	2127.9	2793.7	3546.4	4268.4	4728.4	5583.0	7520.1	13558.3	21233.1	29775.9	39564.5
5°	2160.1	2836.6	3599.8	4323.6	4763.7	5669.1	7735.5	14317.8	22177.7	30921.3	41016.9
2.5°	2179.5	2862.5	3631.9	4356.7	4785.0	5720.9	7865.3	14775.8	22747.7	31613.1	41895.0
0°	2186.0	2871.1	3642.6	4367.8	4792.1	5738.2	7908.7	14928.9	22938.3	31844.5	42188.8
-2.5°	2179.5	2862.5	3631.9	4356.7	4785.0	5720.9	7865.3	14775.8	22747.7	31613.1	41895.0
-5°	2160.1	2836.6	3599.8	4323.6	4763.7	5669.1	7735.5	14317.8	22177.7	30921.3	41016.9
-7.5°	2127.9	2793.7	3546.4	4268.4	4728.4	5583.0	7520.1	13558.3	21233.1	29775.9	39564.5
-10°	2082.9	2733.7	3472.0	4191.6	4679.2	5463.2	7220.5	12502.8	19921.9	28187.8	37553.7
-12.5°	2025.3	2657.1	3376.9	4093.5	4616.4	5310.4	6838.7	11159.0	18254.6	26171.6	35005.9
-15°	1955.3	2563.9	3261.4	3974.5	4540.3	5125.4	6376.9	9536.0	16244.2	23745.1	31946.3
-17.5°	1873.1	2454.7	3126.0	3835.1	4451.3	4909.2	5837.9	7827.1	14032.0	21130.9	28881.9
-20°	1779.0	2329.7	2971.2	3675.8	4336.8	4734.1	5514.4	7163.0	11708.8	18266.6	25441.9



REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1673.4	2189.4	2805.9	3488.2	4142.5	4610.7	5216.3	6423.6	9127.4	15091.5	21770.1
-25°	1566.1	2059.7	2635.7	3278.9	3928.5	4474.9	4888.8	5683.6	7412.4	12034.4	18048.8
-27.5°	1459.2	1918.7	2449.9	3050.7	3695.4	4298.6	4676.1	5301.0	6469.1	8761.7	14158.5
-30°	1343.4	1766.2	2249.2	2811.9	3431.7	4027.2	4505.0	4891.0	5617.1	7093.3	10430.8
-32.5°	1219.2	1604.8	2059.7	2578.0	3146.4	3737.8	4291.0	4641.1	5151.1	5952.1	7473.0
-35°	1097.1	1459.2	1869.5	2329.7	2847.0	3417.9	3962.1	4435.1	4733.2	5309.2	6200.4
-37.5°	984.7	1305.2	1668.6	2087.5	2563.9	3075.1	3615.0	4113.7	4503.1	4779.6	5362.2
-40°	866.4	1143.2	1483.4	1858.7	2267.4	2733.7	3231.2	3729.0	4190.1	4526.0	4779.6
-42.5°	745.6	1006.5	1298.8	1619.7	1996.4	2402.1	2836.6	3309.9	3766.6	4190.1	4503.1
-45°	644.7	864.8	1113.1	1411.4	1729.2	2079.7	2470.0	2871.1	3309.9	3729.0	4113.7
-47.5°	539.9	726.4	953.4	1196.3	1479.5	1784.3	2107.7	2470.0	2836.6	3231.2	3615.0
-50°	440.4	607.8	788.3	1006.9	1241.3	1502.3	1784.3	2079.7	2402.1	2733.7	3075.1
-52.5°	365.1	485.5	648.9	823.8	1024.9	1241.3	1479.5	1729.2	1996.4	2267.4	2563.9
-55°	287.6	392.4	512.8	662.7	823.8	1006.9	1196.3	1411.4	1619.7	1858.7	2087.5
-57.5°	227.0	305.7	401.5	512.8	648.9	788.3	953.4	1113.1	1298.8	1483.4	1668.6
-60°	176.1	232.7	305.7	392.4	485.5	607.8	726.4	864.8	1006.5	1143.2	1305.2
-62.5°	128.6	176.1	227.0	287.6	365.1	440.4	539.9	644.7	745.6	866.4	984.7
-65°	101.2	125.7	164.8	210.2	254.3	320.0	386.3	450.2	537.2	624.8	708.2
-67.5°	73.4	95.5	117.1	142.5	182.2	220.8	258.1	315.0	370.1	422.9	480.0
-70°	59.8	67.3	84.1	102.8	121.0	143.5	176.6	208.5	239.1	274.0	318.5
-72.5°	48.9	55.5	61.9	68.1	83.0	98.4	113.4	127.7	149.0	174.5	198.8
-75°	39.0	43.7	49.1	54.4	59.6	64.6	70.6	82.9	94.7	106.0	116.7
-77.5°	29.7	33.6	37.4	41.2	44.9	49.1	53.1	57.0	60.8	64.3	67.7
-80°	21.0	23.5	26.5	29.5	32.4	35.2	37.9	40.5	43.0	45.6	48.3
-82.5°	13.5	15.3	17.2	19.0	20.7	22.4	24.1	26.0	27.9	29.7	31.4
-85°	6.6	7.2	8.4	9.6	10.8	11.9	12.9	14.0	15.0	15.9	16.8
-87.5°	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.5	5.7
-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: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-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°	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0	7.0	7.1
85°	17.7	18.5	19.2	19.9	20.5	21.1	21.6	22.1	22.5	22.8	23.1
82.5°	33.0	34.5	35.9	37.2	38.4	39.5	40.5	41.3	42.1	42.7	43.3
80°	50.9	53.3	55.5	57.6	59.5	61.2	62.8	64.2	65.4	66.4	67.3
77.5°	74.3	82.2	89.6	96.5	102.8	108.5	113.7	118.3	122.3	125.7	128.5
75°	126.8	138.9	156.2	172.2	187.0	200.4	212.6	223.3	232.7	240.7	247.2
72.5°	221.8	243.4	266.5	296.5	324.2	349.4	372.2	392.4	410.0	424.9	437.2
70°	360.7	400.4	437.5	478.3	525.7	568.9	607.8	642.4	672.6	698.3	719.4
67.5°	550.8	617.6	680.2	738.4	802.0	864.8	921.5	972.0	1016.0	1053.4	1084.2
65°	796.0	891.8	981.6	1065.2	1143.2	1231.2	1310.6	1381.3	1442.9	1495.4	1538.6
62.5°	1097.1	1219.2	1343.4	1459.2	1566.1	1673.4	1779.0	1873.1	1955.3	2025.3	2082.9
60°	1459.2	1604.8	1766.2	1918.7	2059.7	2189.4	2329.7	2454.7	2563.9	2657.1	2733.7
57.5°	1869.5	2059.7	2249.2	2449.9	2635.7	2805.9	2971.2	3126.0	3261.4	3376.9	3472.0
55°	2329.7	2578.0	2811.9	3050.7	3278.9	3488.2	3675.8	3835.1	3974.5	4093.5	4191.6
52.5°	2847.0	3146.4	3431.7	3695.4	3928.5	4142.5	4336.8	4451.3	4540.3	4616.4	4679.2
50°	3417.9	3737.8	4027.2	4298.6	4474.9	4610.7	4734.1	4909.2	5125.4	5310.4	5463.2
47.5°	3962.1	4291.0	4505.0	4676.1	4888.8	5216.3	5514.4	5837.9	6376.9	6838.7	7220.5
45°	4435.1	4641.1	4891.0	5301.0	5683.6	6423.6	7163.0	7827.1	9536.0	11159.0	12502.8
42.5°	4733.2	5151.1	5617.1	6469.1	7412.4	9127.4	11708.8	14032.0	16244.2	18254.6	19921.9
40°	5309.2	5952.1	7093.3	8761.7	12034.4	15091.5	18266.6	21130.9	23745.1	26171.6	28187.8
37.5°	6200.4	7473.0	10430.8	14158.5	18048.8	21770.1	25441.9	28881.9	31946.3	35005.9	37553.7
35°	7600.6	11274.7	15526.9	20060.8	24493.7	28932.9	33216.3	37530.5	41367.7	44831.2	47761.4
32.5°	11274.7	16023.1	21079.5	26236.6	31314.3	36754.6	41867.9	46768.4	51159.1	55534.2	59689.4
30°	15526.9	21079.5	26822.7	32631.5	38920.4	44984.8	50790.0	56997.5	63187.1	69110.7	75505.1
27.5°	20060.8	26236.6	32631.5	39649.8	46578.1	53304.0	61413.6	69505.7	78963.9	87260.1	94038.4
25°	24493.7	31314.3	38920.4	46578.1	54386.9	63664.4	74438.7	85776.6	95765.0	104535.0	111890.6
22.5°	28932.9	36754.6	44984.8	53304.0	63664.4	76106.6	89197.4	101039.1	111755.8	121192.9	129733.6
20°	33216.3	41867.9	50790.0	61413.6	74438.7	89197.4	102827.8	115450.9	127186.7	138859.6	149413.6
17.5°	37530.5	46768.4	56997.5	69505.7	85776.6	101039.1	115450.9	129417.8	143590.9	158697.0	172599.6
15°	41367.7	51159.1	63187.1	78963.9	95765.0	111755.8	127186.7	143590.9	161881.2	180113.0	197462.1
12.5°	44831.2	55534.2	69110.7	87260.1	104535.0	121192.9	138859.6	158697.0	180113.0	201675.9	218425.5
10°	47761.4	59689.4	75505.1	94038.4	111890.6	129733.6	149413.6	172599.6	197462.1	218425.5	235022.9
7.5°	50079.1	62985.2	80594.1	99454.7	117770.5	137091.7	159602.0	185310.2	210652.3	231584.3	243609.4
5°	51756.3	65375.3	84294.9	103407.3	122080.2	142516.3	167171.4	194924.9	220079.5	238929.5	250171.3
2.5°	52771.6	66824.4	86542.9	105814.1	124713.1	145844.3	171842.1	200906.4	226015.1	242498.1	253852.3
0°	53111.5	67310.0	87297.0	106622.5	125598.8	146966.4	173422.0	202938.8	228045.6	243513.8	255057.9
-2.5°	52771.6	66824.4	86542.9	105814.1	124713.1	145844.3	171842.1	200906.4	226015.1	242498.1	253852.3
-5°	51756.3	65375.3	84294.9	103407.3	122080.2	142516.3	167171.4	194924.9	220079.5	238929.5	250171.3
-7.5°	50079.1	62985.2	80594.1	99454.7	117770.5	137091.7	159602.0	185310.2	210652.3	231584.3	243609.4
-10°	47761.4	59689.4	75505.1	94038.4	111890.6	129733.6	149413.6	172599.6	197462.1	218425.5	235022.9
-12.5°	44831.2	55534.2	69110.7	87260.1	104535.0	121192.9	138859.6	158697.0	180113.0	201675.9	218425.5
-15°	41367.7	51159.1	63187.1	78963.9	95765.0	111755.8	127186.7	143590.9	161881.2	180113.0	197462.1
-17.5°	37530.5	46768.4	56997.5	69505.7	85776.6	101039.1	115450.9	129417.8	143590.9	158697.0	172599.6
-20°	33216.3	41867.9	50790.0	61413.6	74438.7	89197.4	102827.8	115450.9	127186.7	138859.6	149413.6



REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	28932.9	36754.6	44984.8	53304.0	63664.4	76106.6	89197.4	101039.1	111755.8	121192.9	129733.6
-25°	24493.7	31314.3	38920.4	46578.1	54386.9	63664.4	74438.7	85776.6	95765.0	104535.0	111890.6
-27.5°	20060.8	26236.6	32631.5	39649.8	46578.1	53304.0	61413.6	69505.7	78963.9	87260.1	94038.4
-30°	15526.9	21079.5	26822.7	32631.5	38920.4	44984.8	50790.0	56997.5	63187.1	69110.7	75505.1
-32.5°	11274.7	16023.1	21079.5	26236.6	31314.3	36754.6	41867.9	46768.4	51159.1	55534.2	59689.4
-35°	7600.6	11274.7	15526.9	20060.8	24493.7	28932.9	33216.3	37530.5	41367.7	44831.2	47761.4
-37.5°	6200.4	7473.0	10430.8	14158.5	18048.8	21770.1	25441.9	28881.9	31946.3	35005.9	37553.7
-40°	5309.2	5952.1	7093.3	8761.7	12034.4	15091.5	18266.6	21130.9	23745.1	26171.6	28187.8
-42.5°	4733.2	5151.1	5617.1	6469.1	7412.4	9127.4	11708.8	14032.0	16244.2	18254.6	19921.9
-45°	4435.1	4641.1	4891.0	5301.0	5683.6	6423.6	7163.0	7827.1	9536.0	11159.0	12502.8
-47.5°	3962.1	4291.0	4505.0	4676.1	4888.8	5216.3	5514.4	5837.9	6376.9	6838.7	7220.5
-50°	3417.9	3737.8	4027.2	4298.6	4474.9	4610.7	4734.1	4909.2	5125.4	5310.4	5463.2
-52.5°	2847.0	3146.4	3431.7	3695.4	3928.5	4142.5	4336.8	4451.3	4540.3	4616.4	4679.2
-55°	2329.7	2578.0	2811.9	3050.7	3278.9	3488.2	3675.8	3835.1	3974.5	4093.5	4191.6
-57.5°	1869.5	2059.7	2249.2	2449.9	2635.7	2805.9	2971.2	3126.0	3261.4	3376.9	3472.0
-60°	1459.2	1604.8	1766.2	1918.7	2059.7	2189.4	2329.7	2454.7	2563.9	2657.1	2733.7
-62.5°	1097.1	1219.2	1343.4	1459.2	1566.1	1673.4	1779.0	1873.1	1955.3	2025.3	2082.9
-65°	796.0	891.8	981.6	1065.2	1143.2	1231.2	1310.6	1381.3	1442.9	1495.4	1538.6
-67.5°	550.8	617.6	680.2	738.4	802.0	864.8	921.5	972.0	1016.0	1053.4	1084.2
-70°	360.7	400.4	437.5	478.3	525.7	568.9	607.8	642.4	672.6	698.3	719.4
-72.5°	221.8	243.4	266.5	296.5	324.2	349.4	372.2	392.4	410.0	424.9	437.2
-75°	126.8	138.9	156.2	172.2	187.0	200.4	212.6	223.3	232.7	240.7	247.2
-77.5°	74.3	82.2	89.6	96.5	102.8	108.5	113.7	118.3	122.3	125.7	128.5
-80°	50.9	53.3	55.5	57.6	59.5	61.2	62.8	64.2	65.4	66.4	67.3
-82.5°	33.0	34.5	35.9	37.2	38.4	39.5	40.5	41.3	42.1	42.7	43.3
-85°	17.7	18.5	19.2	19.9	20.5	21.1	21.6	22.1	22.5	22.8	23.1
-87.5°	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0	7.0	7.1
-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: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-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°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9
85°	23.3	23.5	23.6	23.6	23.6	23.5	23.3	23.1	22.8	22.5	22.1
82.5°	43.7	44.0	44.1	44.2	44.1	44.0	43.7	43.3	42.7	42.1	41.3
80°	67.9	68.4	68.7	68.8	68.7	68.4	67.9	67.3	66.4	65.4	64.2
77.5°	130.7	132.2	133.2	133.5	133.2	132.2	130.7	128.5	125.7	122.3	118.3
75°	252.3	256.0	258.2	258.9	258.2	256.0	252.3	247.2	240.7	232.7	223.3
72.5°	446.8	453.7	457.8	459.2	457.8	453.7	446.8	437.2	424.9	410.0	392.4
70°	735.9	747.6	754.7	757.1	754.7	747.6	735.9	719.4	698.3	672.6	642.4
67.5°	1108.2	1125.4	1135.7	1139.2	1135.7	1125.4	1108.2	1084.2	1053.4	1016.0	972.0
65°	1572.4	1596.5	1611.1	1615.9	1611.1	1596.5	1572.4	1538.6	1495.4	1442.9	1381.3
62.5°	2127.9	2160.1	2179.5	2186.0	2179.5	2160.1	2127.9	2082.9	2025.3	1955.3	1873.1
60°	2793.7	2836.6	2862.5	2871.1	2862.5	2836.6	2793.7	2733.7	2657.1	2563.9	2454.7
57.5°	3546.4	3599.8	3631.9	3642.6	3631.9	3599.8	3546.4	3472.0	3376.9	3261.4	3126.0
55°	4268.4	4323.6	4356.7	4367.8	4356.7	4323.6	4268.4	4191.6	4093.5	3974.5	3835.1
52.5°	4728.4	4763.7	4785.0	4792.1	4785.0	4763.7	4728.4	4679.2	4616.4	4540.3	4451.3
50°	5583.0	5669.1	5720.9	5738.2	5720.9	5669.1	5583.0	5463.2	5310.4	5125.4	4909.2
47.5°	7520.1	7735.5	7865.3	7908.7	7865.3	7735.5	7520.1	7220.5	6838.7	6376.9	5837.9
45°	13558.3	14317.8	14775.8	14928.9	14775.8	14317.8	13558.3	12502.8	11159.0	9536.0	7827.1
42.5°	21233.1	22177.7	22747.7	22938.3	22747.7	22177.7	21233.1	19921.9	18254.6	16244.2	14032.0
40°	29775.9	30921.3	31613.1	31844.5	31613.1	30921.3	29775.9	28187.8	26171.6	23745.1	21130.9
37.5°	39564.5	41016.9	41895.0	42188.8	41895.0	41016.9	39564.5	37553.7	35005.9	31946.3	28881.9
35°	50079.1	51756.3	52771.6	53111.5	52771.6	51756.3	50079.1	47761.4	44831.2	41367.7	37530.5
32.5°	62985.2	65375.3	66824.4	67310.0	66824.4	65375.3	62985.2	59689.4	55534.2	51159.1	46768.4
30°	80594.1	84294.9	86542.9	87297.0	86542.9	84294.9	80594.1	75505.1	69110.7	63187.1	56997.5
27.5°	99454.7	103407.3	105814.1	106622.5	105814.1	103407.3	99454.7	94038.4	87260.1	78963.9	69505.7
25°	117770.5	122080.2	124713.1	125598.8	124713.1	122080.2	117770.5	111890.6	104535.0	95765.0	85776.6
22.5°	137091.7	142516.3	145844.3	146966.4	145844.3	142516.3	137091.7	129733.6	121192.9	111755.8	101039.1
20°	159602.0	167171.4	171842.1	173422.0	171842.1	167171.4	159602.0	149413.6	138859.6	127186.7	115450.9
17.5°	185310.2	194924.9	200906.4	202938.8	200906.4	194924.9	185310.2	172599.6	158697.0	143590.9	129417.8
15°	210652.3	220079.5	226015.1	228045.6	226015.1	220079.5	210652.3	197462.1	180113.0	161881.2	143590.9
12.5°	231584.3	238929.5	242498.1	243513.8	242498.1	238929.5	231584.3	218425.5	201675.9	180113.0	158697.0
10°	243609.4	250171.3	253852.3	255057.9	253852.3	250171.3	243609.4	235022.9	218425.5	197462.1	172599.6
7.5°	252717.7	257638.4	260796.2	261882.4	260796.2	257638.4	252717.7	243609.4	231584.3	210652.3	185310.2
5°	257638.4	263049.4	266401.1	267635.5	266401.1	263049.4	257638.4	250171.3	238929.5	220079.5	194924.9
2.5°	260796.2	266401.1	268922.9	269338.7	268922.9	266401.1	260796.2	253852.3	242498.1	226015.1	200906.4
0°	261882.4	267635.5	269338.7	269660.2	269338.7	267635.5	261882.4	255057.9	243513.8	228045.6	202938.8
-2.5°	260796.2	266401.1	268922.9	269338.7	268922.9	266401.1	260796.2	253852.3	242498.1	226015.1	200906.4
-5°	257638.4	263049.4	266401.1	267635.5	266401.1	263049.4	257638.4	250171.3	238929.5	220079.5	194924.9
-7.5°	252717.7	257638.4	260796.2	261882.4	260796.2	257638.4	252717.7	243609.4	231584.3	210652.3	185310.2
-10°	243609.4	250171.3	253852.3	255057.9	253852.3	250171.3	243609.4	235022.9	218425.5	197462.1	172599.6
-12.5°	231584.3	238929.5	242498.1	243513.8	242498.1	238929.5	231584.3	218425.5	201675.9	180113.0	158697.0
-15°	210652.3	220079.5	226015.1	228045.6	226015.1	220079.5	210652.3	197462.1	180113.0	161881.2	143590.9
-17.5°	185310.2	194924.9	200906.4	202938.8	200906.4	194924.9	185310.2	172599.6	158697.0	143590.9	129417.8
-20°	159602.0	167171.4	171842.1	173422.0	171842.1	167171.4	159602.0	149413.6	138859.6	127186.7	115450.9



REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	137091.7	142516.3	145844.3	146966.4	145844.3	142516.3	137091.7	129733.6	121192.9	111755.8	101039.1
-25°	117770.5	122080.2	124713.1	125598.8	124713.1	122080.2	117770.5	111890.6	104535.0	95765.0	85776.6
-27.5°	99454.7	103407.3	105814.1	106622.5	105814.1	103407.3	99454.7	94038.4	87260.1	78963.9	69505.7
-30°	80594.1	84294.9	86542.9	87297.0	86542.9	84294.9	80594.1	75505.1	69110.7	63187.1	56997.5
-32.5°	62985.2	65375.3	66824.4	67310.0	66824.4	65375.3	62985.2	59689.4	55534.2	51159.1	46768.4
-35°	50079.1	51756.3	52771.6	53111.5	52771.6	51756.3	50079.1	47761.4	44831.2	41367.7	37530.5
-37.5°	39564.5	41016.9	41895.0	42188.8	41895.0	41016.9	39564.5	37553.7	35005.9	31946.3	28881.9
-40°	29775.9	30921.3	31613.1	31844.5	31613.1	30921.3	29775.9	28187.8	26171.6	23745.1	21130.9
-42.5°	21233.1	22177.7	22747.7	22938.3	22747.7	22177.7	21233.1	19921.9	18254.6	16244.2	14032.0
-45°	13558.3	14317.8	14775.8	14928.9	14775.8	14317.8	13558.3	12502.8	11159.0	9536.0	7827.1
-47.5°	7520.1	7735.5	7865.3	7908.7	7865.3	7735.5	7520.1	7220.5	6838.7	6376.9	5837.9
-50°	5583.0	5669.1	5720.9	5738.2	5720.9	5669.1	5583.0	5463.2	5310.4	5125.4	4909.2
-52.5°	4728.4	4763.7	4785.0	4792.1	4785.0	4763.7	4728.4	4679.2	4616.4	4540.3	4451.3
-55°	4268.4	4323.6	4356.7	4367.8	4356.7	4323.6	4268.4	4191.6	4093.5	3974.5	3835.1
-57.5°	3546.4	3599.8	3631.9	3642.6	3631.9	3599.8	3546.4	3472.0	3376.9	3261.4	3126.0
-60°	2793.7	2836.6	2862.5	2871.1	2862.5	2836.6	2793.7	2733.7	2657.1	2563.9	2454.7
-62.5°	2127.9	2160.1	2179.5	2186.0	2179.5	2160.1	2127.9	2082.9	2025.3	1955.3	1873.1
-65°	1572.4	1596.5	1611.1	1615.9	1611.1	1596.5	1572.4	1538.6	1495.4	1442.9	1381.3
-67.5°	1108.2	1125.4	1135.7	1139.2	1135.7	1125.4	1108.2	1084.2	1053.4	1016.0	972.0
-70°	735.9	747.6	754.7	757.1	754.7	747.6	735.9	719.4	698.3	672.6	642.4
-72.5°	446.8	453.7	457.8	459.2	457.8	453.7	446.8	437.2	424.9	410.0	392.4
-75°	252.3	256.0	258.2	258.9	258.2	256.0	252.3	247.2	240.7	232.7	223.3
-77.5°	130.7	132.2	133.2	133.5	133.2	132.2	130.7	128.5	125.7	122.3	118.3
-80°	67.9	68.4	68.7	68.8	68.7	68.4	67.9	67.3	66.4	65.4	64.2
-82.5°	43.7	44.0	44.1	44.2	44.1	44.0	43.7	43.3	42.7	42.1	41.3
-85°	23.3	23.5	23.6	23.6	23.6	23.5	23.3	23.1	22.8	22.5	22.1
-87.5°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9
-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: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-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°	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.5	5.3	5.1
85°	21.6	21.1	20.5	19.9	19.2	18.5	17.7	16.8	15.9	15.0	14.0
82.5°	40.5	39.5	38.4	37.2	35.9	34.5	33.0	31.4	29.7	27.9	26.0
80°	62.8	61.2	59.5	57.6	55.5	53.3	50.9	48.3	45.6	43.0	40.5
77.5°	113.7	108.5	102.8	96.5	89.6	82.2	74.3	67.7	64.3	60.8	57.0
75°	212.6	200.4	187.0	172.2	156.2	138.9	126.8	116.7	106.0	94.7	82.9
72.5°	372.2	349.4	324.2	296.5	266.5	243.4	221.8	198.8	174.5	149.0	127.7
70°	607.8	568.9	525.7	478.3	437.5	400.4	360.7	318.5	274.0	239.1	208.5
67.5°	921.5	864.8	802.0	738.4	680.2	617.6	550.8	480.0	422.9	370.1	315.0
65°	1310.6	1231.2	1143.2	1065.2	981.6	891.8	796.0	708.2	624.8	537.2	450.2
62.5°	1779.0	1673.4	1566.1	1459.2	1343.4	1219.2	1097.1	984.7	866.4	745.6	644.7
60°	2329.7	2189.4	2059.7	1918.7	1766.2	1604.8	1459.2	1305.2	1143.2	1006.5	864.8
57.5°	2971.2	2805.9	2635.7	2449.9	2249.2	2059.7	1869.5	1668.6	1483.4	1298.8	1113.1
55°	3675.8	3488.2	3278.9	3050.7	2811.9	2578.0	2329.7	2087.5	1858.7	1619.7	1411.4
52.5°	4336.8	4142.5	3928.5	3695.4	3431.7	3146.4	2847.0	2563.9	2267.4	1996.4	1729.2
50°	4734.1	4610.7	4474.9	4298.6	4027.2	3737.8	3417.9	3075.1	2733.7	2402.1	2079.7
47.5°	5514.4	5216.3	4888.8	4676.1	4505.0	4291.0	3962.1	3615.0	3231.2	2836.6	2470.0
45°	7163.0	6423.6	5683.6	5301.0	4891.0	4641.1	4435.1	4113.7	3729.0	3309.9	2871.1
42.5°	11708.8	9127.4	7412.4	6469.1	5617.1	5151.1	4733.2	4503.1	4190.1	3766.6	3309.9
40°	18266.6	15091.5	12034.4	8761.7	7093.3	5952.1	5309.2	4779.6	4526.0	4190.1	3729.0
37.5°	25441.9	21770.1	18048.8	14158.5	10430.8	7473.0	6200.4	5362.2	4779.6	4503.1	4113.7
35°	33216.3	28932.9	24493.7	20060.8	15526.9	11274.7	7600.6	6200.4	5309.2	4733.2	4435.1
32.5°	41867.9	36754.6	31314.3	26236.6	21079.5	16023.1	11274.7	7473.0	5952.1	5151.1	4641.1
30°	50790.0	44984.8	38920.4	32631.5	26822.7	21079.5	15526.9	10430.8	7093.3	5617.1	4891.0
27.5°	61413.6	53304.0	46578.1	39649.8	32631.5	26236.6	20060.8	14158.5	8761.7	6469.1	5301.0
25°	74438.7	63664.4	54386.9	46578.1	38920.4	31314.3	24493.7	18048.8	12034.4	7412.4	5683.6
22.5°	89197.4	76106.6	63664.4	53304.0	44984.8	36754.6	28932.9	21770.1	15091.5	9127.4	6423.6
20°	102827.8	89197.4	74438.7	61413.6	50790.0	41867.9	33216.3	25441.9	18266.6	11708.8	7163.0
17.5°	115450.9	101039.1	85776.6	69505.7	56997.5	46768.4	37530.5	28881.9	21130.9	14032.0	7827.1
15°	127186.7	111755.8	95765.0	78963.9	63187.1	51159.1	41367.7	31946.3	23745.1	16244.2	9536.0
12.5°	138859.6	121192.9	104535.0	87260.1	69110.7	55534.2	44831.2	35005.9	26171.6	18254.6	11159.0
10°	149413.6	129733.6	111890.6	94038.4	75505.1	59689.4	47761.4	37553.7	28187.8	19921.9	12502.8
7.5°	159602.0	137091.7	117770.5	99454.7	80594.1	62985.2	50079.1	39564.5	29775.9	21233.1	13558.3
5°	167171.4	142516.3	122080.2	103407.3	84294.9	65375.3	51756.3	41016.9	30921.3	22177.7	14317.8
2.5°	171842.1	145844.3	124713.1	105814.1	86542.9	66824.4	52771.6	41895.0	31613.1	22747.7	14775.8
0°	173422.0	146966.4	125598.8	106622.5	87297.0	67310.0	53111.5	42188.8	31844.5	22938.3	14928.9
-2.5°	171842.1	145844.3	124713.1	105814.1	86542.9	66824.4	52771.6	41895.0	31613.1	22747.7	14775.8
-5°	167171.4	142516.3	122080.2	103407.3	84294.9	65375.3	51756.3	41016.9	30921.3	22177.7	14317.8
-7.5°	159602.0	137091.7	117770.5	99454.7	80594.1	62985.2	50079.1	39564.5	29775.9	21233.1	13558.3
-10°	149413.6	129733.6	111890.6	94038.4	75505.1	59689.4	47761.4	37553.7	28187.8	19921.9	12502.8
-12.5°	138859.6	121192.9	104535.0	87260.1	69110.7	55534.2	44831.2	35005.9	26171.6	18254.6	11159.0
-15°	127186.7	111755.8	95765.0	78963.9	63187.1	51159.1	41367.7	31946.3	23745.1	16244.2	9536.0
-17.5°	115450.9	101039.1	85776.6	69505.7	56997.5	46768.4	37530.5	28881.9	21130.9	14032.0	7827.1
-20°	102827.8	89197.4	74438.7	61413.6	50790.0	41867.9	33216.3	25441.9	18266.6	11708.8	7163.0



REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	89197.4	76106.6	63664.4	53304.0	44984.8	36754.6	28932.9	21770.1	15091.5	9127.4	6423.6
-25°	74438.7	63664.4	54386.9	46578.1	38920.4	31314.3	24493.7	18048.8	12034.4	7412.4	5683.6
-27.5°	61413.6	53304.0	46578.1	39649.8	32631.5	26236.6	20060.8	14158.5	8761.7	6469.1	5301.0
-30°	50790.0	44984.8	38920.4	32631.5	26822.7	21079.5	15526.9	10430.8	7093.3	5617.1	4891.0
-32.5°	41867.9	36754.6	31314.3	26236.6	21079.5	16023.1	11274.7	7473.0	5952.1	5151.1	4641.1
-35°	33216.3	28932.9	24493.7	20060.8	15526.9	11274.7	7600.6	6200.4	5309.2	4733.2	4435.1
-37.5°	25441.9	21770.1	18048.8	14158.5	10430.8	7473.0	6200.4	5362.2	4779.6	4503.1	4113.7
-40°	18266.6	15091.5	12034.4	8761.7	7093.3	5952.1	5309.2	4779.6	4526.0	4190.1	3729.0
-42.5°	11708.8	9127.4	7412.4	6469.1	5617.1	5151.1	4733.2	4503.1	4190.1	3766.6	3309.9
-45°	7163.0	6423.6	5683.6	5301.0	4891.0	4641.1	4435.1	4113.7	3729.0	3309.9	2871.1
-47.5°	5514.4	5216.3	4888.8	4676.1	4505.0	4291.0	3962.1	3615.0	3231.2	2836.6	2470.0
-50°	4734.1	4610.7	4474.9	4298.6	4027.2	3737.8	3417.9	3075.1	2733.7	2402.1	2079.7
-52.5°	4336.8	4142.5	3928.5	3695.4	3431.7	3146.4	2847.0	2563.9	2267.4	1996.4	1729.2
-55°	3675.8	3488.2	3278.9	3050.7	2811.9	2578.0	2329.7	2087.5	1858.7	1619.7	1411.4
-57.5°	2971.2	2805.9	2635.7	2449.9	2249.2	2059.7	1869.5	1668.6	1483.4	1298.8	1113.1
-60°	2329.7	2189.4	2059.7	1918.7	1766.2	1604.8	1459.2	1305.2	1143.2	1006.5	864.8
-62.5°	1779.0	1673.4	1566.1	1459.2	1343.4	1219.2	1097.1	984.7	866.4	745.6	644.7
-65°	1310.6	1231.2	1143.2	1065.2	981.6	891.8	796.0	708.2	624.8	537.2	450.2
-67.5°	921.5	864.8	802.0	738.4	680.2	617.6	550.8	480.0	422.9	370.1	315.0
-70°	607.8	568.9	525.7	478.3	437.5	400.4	360.7	318.5	274.0	239.1	208.5
-72.5°	372.2	349.4	324.2	296.5	266.5	243.4	221.8	198.8	174.5	149.0	127.7
-75°	212.6	200.4	187.0	172.2	156.2	138.9	126.8	116.7	106.0	94.7	82.9
-77.5°	113.7	108.5	102.8	96.5	89.6	82.2	74.3	67.7	64.3	60.8	57.0
-80°	62.8	61.2	59.5	57.6	55.5	53.3	50.9	48.3	45.6	43.0	40.5
-82.5°	40.5	39.5	38.4	37.2	35.9	34.5	33.0	31.4	29.7	27.9	26.0
-85°	21.6	21.1	20.5	19.9	19.2	18.5	17.7	16.8	15.9	15.0	14.0
-87.5°	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.5	5.3	5.1
-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: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-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°	4.9	4.6	4.4	4.1	3.9	3.6	3.3	3.0	2.8	2.5	2.2
85°	12.9	11.9	10.8	9.6	8.4	7.2	6.6	6.1	5.5	4.9	4.3
82.5°	24.1	22.4	20.7	19.0	17.2	15.3	13.5	11.5	9.6	7.6	6.5
80°	37.9	35.2	32.4	29.5	26.5	23.5	21.0	18.4	15.8	13.1	10.4
77.5°	53.1	49.1	44.9	41.2	37.4	33.6	29.7	25.6	22.0	18.6	15.3
75°	70.6	64.6	59.6	54.4	49.1	43.7	39.0	34.1	29.2	24.2	20.1
72.5°	113.4	98.4	83.0	68.1	61.9	55.5	48.9	42.6	36.8	31.0	25.1
70°	176.6	143.5	121.0	102.8	84.1	67.3	59.8	52.2	44.4	37.8	31.0
67.5°	258.1	220.8	182.2	142.5	117.1	95.5	73.4	62.0	53.3	44.4	36.8
65°	386.3	320.0	254.3	210.2	164.8	125.7	101.2	76.3	62.0	52.2	42.6
62.5°	539.9	440.4	365.1	287.6	227.0	176.1	128.6	101.2	73.4	59.8	48.9
60°	726.4	607.8	485.5	392.4	305.7	232.7	176.1	125.7	95.5	67.3	55.5
57.5°	953.4	788.3	648.9	512.8	401.5	305.7	227.0	164.8	117.1	84.1	61.9
55°	1196.3	1006.9	823.8	662.7	512.8	392.4	287.6	210.2	142.5	102.8	68.1
52.5°	1479.5	1241.3	1024.9	823.8	648.9	485.5	365.1	254.3	182.2	121.0	83.0
50°	1784.3	1502.3	1241.3	1006.9	788.3	607.8	440.4	320.0	220.8	143.5	98.4
47.5°	2107.7	1784.3	1479.5	1196.3	953.4	726.4	539.9	386.3	258.1	176.6	113.4
45°	2470.0	2079.7	1729.2	1411.4	1113.1	864.8	644.7	450.2	315.0	208.5	127.7
42.5°	2836.6	2402.1	1996.4	1619.7	1298.8	1006.5	745.6	537.2	370.1	239.1	149.0
40°	3231.2	2733.7	2267.4	1858.7	1483.4	1143.2	866.4	624.8	422.9	274.0	174.5
37.5°	3615.0	3075.1	2563.9	2087.5	1668.6	1305.2	984.7	708.2	480.0	318.5	198.8
35°	3962.1	3417.9	2847.0	2329.7	1869.5	1459.2	1097.1	796.0	550.8	360.7	221.8
32.5°	4291.0	3737.8	3146.4	2578.0	2059.7	1604.8	1219.2	891.8	617.6	400.4	243.4
30°	4505.0	4027.2	3431.7	2811.9	2249.2	1766.2	1343.4	981.6	680.2	437.5	266.5
27.5°	4676.1	4298.6	3695.4	3050.7	2449.9	1918.7	1459.2	1065.2	738.4	478.3	296.5
25°	4888.8	4474.9	3928.5	3278.9	2635.7	2059.7	1566.1	1143.2	802.0	525.7	324.2
22.5°	5216.3	4610.7	4142.5	3488.2	2805.9	2189.4	1673.4	1231.2	864.8	568.9	349.4
20°	5514.4	4734.1	4336.8	3675.8	2971.2	2329.7	1779.0	1310.6	921.5	607.8	372.2
17.5°	5837.9	4909.2	4451.3	3835.1	3126.0	2454.7	1873.1	1381.3	972.0	642.4	392.4
15°	6376.9	5125.4	4540.3	3974.5	3261.4	2563.9	1955.3	1442.9	1016.0	672.6	410.0
12.5°	6838.7	5310.4	4616.4	4093.5	3376.9	2657.1	2025.3	1495.4	1053.4	698.3	424.9
10°	7220.5	5463.2	4679.2	4191.6	3472.0	2733.7	2082.9	1538.6	1084.2	719.4	437.2
7.5°	7520.1	5583.0	4728.4	4268.4	3546.4	2793.7	2127.9	1572.4	1108.2	735.9	446.8
5°	7735.5	5669.1	4763.7	4323.6	3599.8	2836.6	2160.1	1596.5	1125.4	747.6	453.7
2.5°	7865.3	5720.9	4785.0	4356.7	3631.9	2862.5	2179.5	1611.1	1135.7	754.7	457.8
0°	7908.7	5738.2	4792.1	4367.8	3642.6	2871.1	2186.0	1615.9	1139.2	757.1	459.2
-2.5°	7865.3	5720.9	4785.0	4356.7	3631.9	2862.5	2179.5	1611.1	1135.7	754.7	457.8
-5°	7735.5	5669.1	4763.7	4323.6	3599.8	2836.6	2160.1	1596.5	1125.4	747.6	453.7
-7.5°	7520.1	5583.0	4728.4	4268.4	3546.4	2793.7	2127.9	1572.4	1108.2	735.9	446.8
-10°	7220.5	5463.2	4679.2	4191.6	3472.0	2733.7	2082.9	1538.6	1084.2	719.4	437.2
-12.5°	6838.7	5310.4	4616.4	4093.5	3376.9	2657.1	2025.3	1495.4	1053.4	698.3	424.9
-15°	6376.9	5125.4	4540.3	3974.5	3261.4	2563.9	1955.3	1442.9	1016.0	672.6	410.0
-17.5°	5837.9	4909.2	4451.3	3835.1	3126.0	2454.7	1873.1	1381.3	972.0	642.4	392.4
-20°	5514.4	4734.1	4336.8	3675.8	2971.2	2329.7	1779.0	1310.6	921.5	607.8	372.2



REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5216.3	4610.7	4142.5	3488.2	2805.9	2189.4	1673.4	1231.2	864.8	568.9	349.4
-25°	4888.8	4474.9	3928.5	3278.9	2635.7	2059.7	1566.1	1143.2	802.0	525.7	324.2
-27.5°	4676.1	4298.6	3695.4	3050.7	2449.9	1918.7	1459.2	1065.2	738.4	478.3	296.5
-30°	4505.0	4027.2	3431.7	2811.9	2249.2	1766.2	1343.4	981.6	680.2	437.5	266.5
-32.5°	4291.0	3737.8	3146.4	2578.0	2059.7	1604.8	1219.2	891.8	617.6	400.4	243.4
-35°	3962.1	3417.9	2847.0	2329.7	1869.5	1459.2	1097.1	796.0	550.8	360.7	221.8
-37.5°	3615.0	3075.1	2563.9	2087.5	1668.6	1305.2	984.7	708.2	480.0	318.5	198.8
-40°	3231.2	2733.7	2267.4	1858.7	1483.4	1143.2	866.4	624.8	422.9	274.0	174.5
-42.5°	2836.6	2402.1	1996.4	1619.7	1298.8	1006.5	745.6	537.2	370.1	239.1	149.0
-45°	2470.0	2079.7	1729.2	1411.4	1113.1	864.8	644.7	450.2	315.0	208.5	127.7
-47.5°	2107.7	1784.3	1479.5	1196.3	953.4	726.4	539.9	386.3	258.1	176.6	113.4
-50°	1784.3	1502.3	1241.3	1006.9	788.3	607.8	440.4	320.0	220.8	143.5	98.4
-52.5°	1479.5	1241.3	1024.9	823.8	648.9	485.5	365.1	254.3	182.2	121.0	83.0
-55°	1196.3	1006.9	823.8	662.7	512.8	392.4	287.6	210.2	142.5	102.8	68.1
-57.5°	953.4	788.3	648.9	512.8	401.5	305.7	227.0	164.8	117.1	84.1	61.9
-60°	726.4	607.8	485.5	392.4	305.7	232.7	176.1	125.7	95.5	67.3	55.5
-62.5°	539.9	440.4	365.1	287.6	227.0	176.1	128.6	101.2	73.4	59.8	48.9
-65°	386.3	320.0	254.3	210.2	164.8	125.7	101.2	76.3	62.0	52.2	42.6
-67.5°	258.1	220.8	182.2	142.5	117.1	95.5	73.4	62.0	53.3	44.4	36.8
-70°	176.6	143.5	121.0	102.8	84.1	67.3	59.8	52.2	44.4	37.8	31.0
-72.5°	113.4	98.4	83.0	68.1	61.9	55.5	48.9	42.6	36.8	31.0	25.1
-75°	70.6	64.6	59.6	54.4	49.1	43.7	39.0	34.1	29.2	24.2	20.1
-77.5°	53.1	49.1	44.9	41.2	37.4	33.6	29.7	25.6	22.0	18.6	15.3
-80°	37.9	35.2	32.4	29.5	26.5	23.5	21.0	18.4	15.8	13.1	10.4
-82.5°	24.1	22.4	20.7	19.0	17.2	15.3	13.5	11.5	9.6	7.6	6.5
-85°	12.9	11.9	10.8	9.6	8.4	7.2	6.6	6.1	5.5	4.9	4.3
-87.5°	4.9	4.6	4.4	4.1	3.9	3.6	3.3	3.0	2.8	2.5	2.2
-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: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

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°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
85°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
82.5°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
80°	7.7	6.2	5.0	3.7	2.5	1.2	0.0
77.5°	11.9	8.4	6.2	4.7	3.1	1.6	0.0
75°	16.0	11.9	7.7	5.6	3.7	1.9	0.0
72.5°	20.1	15.3	10.4	6.5	4.3	2.2	0.0
70°	24.2	18.6	13.1	7.6	4.9	2.5	0.0
67.5°	29.2	22.0	15.8	9.6	5.5	2.8	0.0
65°	34.1	25.6	18.4	11.5	6.1	3.0	0.0
62.5°	39.0	29.7	21.0	13.5	6.6	3.3	0.0
60°	43.7	33.6	23.5	15.3	7.2	3.6	0.0
57.5°	49.1	37.4	26.5	17.2	8.4	3.9	0.0
55°	54.4	41.2	29.5	19.0	9.6	4.1	0.0
52.5°	59.6	44.9	32.4	20.7	10.8	4.4	0.0
50°	64.6	49.1	35.2	22.4	11.9	4.6	0.0
47.5°	70.6	53.1	37.9	24.1	12.9	4.9	0.0
45°	82.9	57.0	40.5	26.0	14.0	5.1	0.0
42.5°	94.7	60.8	43.0	27.9	15.0	5.3	0.0
40°	106.0	64.3	45.6	29.7	15.9	5.5	0.0
37.5°	116.7	67.7	48.3	31.4	16.8	5.7	0.0
35°	126.8	74.3	50.9	33.0	17.7	5.9	0.0
32.5°	138.9	82.2	53.3	34.5	18.5	6.1	0.0
30°	156.2	89.6	55.5	35.9	19.2	6.2	0.0
27.5°	172.2	96.5	57.6	37.2	19.9	6.4	0.0
25°	187.0	102.8	59.5	38.4	20.5	6.5	0.0
22.5°	200.4	108.5	61.2	39.5	21.1	6.7	0.0
20°	212.6	113.7	62.8	40.5	21.6	6.8	0.0
17.5°	223.3	118.3	64.2	41.3	22.1	6.9	0.0
15°	232.7	122.3	65.4	42.1	22.5	7.0	0.0
12.5°	240.7	125.7	66.4	42.7	22.8	7.0	0.0
10°	247.2	128.5	67.3	43.3	23.1	7.1	0.0
7.5°	252.3	130.7	67.9	43.7	23.3	7.1	0.0
5°	256.0	132.2	68.4	44.0	23.5	7.2	0.0
2.5°	258.2	133.2	68.7	44.1	23.6	7.2	0.0
0°	258.9	133.5	68.8	44.2	23.6	7.2	0.0
-2.5°	258.2	133.2	68.7	44.1	23.6	7.2	0.0
-5°	256.0	132.2	68.4	44.0	23.5	7.2	0.0
-7.5°	252.3	130.7	67.9	43.7	23.3	7.1	0.0
-10°	247.2	128.5	67.3	43.3	23.1	7.1	0.0
-12.5°	240.7	125.7	66.4	42.7	22.8	7.0	0.0
-15°	232.7	122.3	65.4	42.1	22.5	7.0	0.0
-17.5°	223.3	118.3	64.2	41.3	22.1	6.9	0.0
-20°	212.6	113.7	62.8	40.5	21.6	6.8	0.0



REPORT NUMBER: P699997 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200R-57-70-5S-S

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	200.4	108.5	61.2	39.5	21.1	6.7	0.0
-25°	187.0	102.8	59.5	38.4	20.5	6.5	0.0
-27.5°	172.2	96.5	57.6	37.2	19.9	6.4	0.0
-30°	156.2	89.6	55.5	35.9	19.2	6.2	0.0
-32.5°	138.9	82.2	53.3	34.5	18.5	6.1	0.0
-35°	126.8	74.3	50.9	33.0	17.7	5.9	0.0
-37.5°	116.7	67.7	48.3	31.4	16.8	5.7	0.0
-40°	106.0	64.3	45.6	29.7	15.9	5.5	0.0
-42.5°	94.7	60.8	43.0	27.9	15.0	5.3	0.0
-45°	82.9	57.0	40.5	26.0	14.0	5.1	0.0
-47.5°	70.6	53.1	37.9	24.1	12.9	4.9	0.0
-50°	64.6	49.1	35.2	22.4	11.9	4.6	0.0
-52.5°	59.6	44.9	32.4	20.7	10.8	4.4	0.0
-55°	54.4	41.2	29.5	19.0	9.6	4.1	0.0
-57.5°	49.1	37.4	26.5	17.2	8.4	3.9	0.0
-60°	43.7	33.6	23.5	15.3	7.2	3.6	0.0
-62.5°	39.0	29.7	21.0	13.5	6.6	3.3	0.0
-65°	34.1	25.6	18.4	11.5	6.1	3.0	0.0
-67.5°	29.2	22.0	15.8	9.6	5.5	2.8	0.0
-70°	24.2	18.6	13.1	7.6	4.9	2.5	0.0
-72.5°	20.1	15.3	10.4	6.5	4.3	2.2	0.0
-75°	16.0	11.9	7.7	5.6	3.7	1.9	0.0
-77.5°	11.9	8.4	6.2	4.7	3.1	1.6	0.0
-80°	7.7	6.2	5.0	3.7	2.5	1.2	0.0
-82.5°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
-85°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)