

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: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200R-57-80-2S-A**

Issue Date: 2/3/2026

**Test Information**

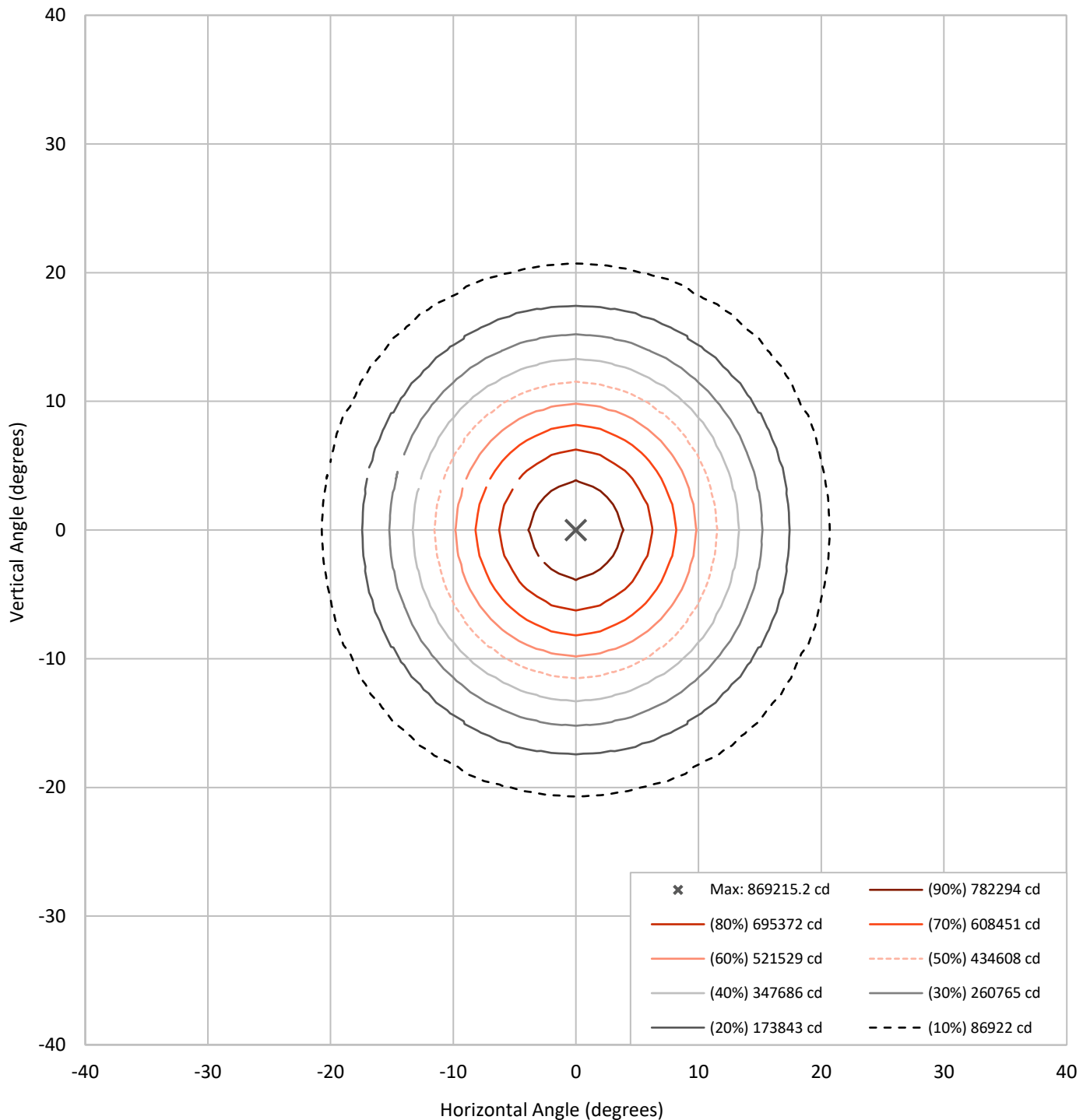
Test Method: LM-79-08  
Report Number: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-LS16-1200R-57-80-2S-A  
Description: EPHEBUS LUMASPORT 16 LUMINAIRE  
(16) 5700K, 80 CRI LEDS AND 2S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	174534.1 lumens	Max Intensity:	869215.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.9 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:	78628.7 lumens	Field Lumens:	138716.3 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		

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### Iso-Candela Plot





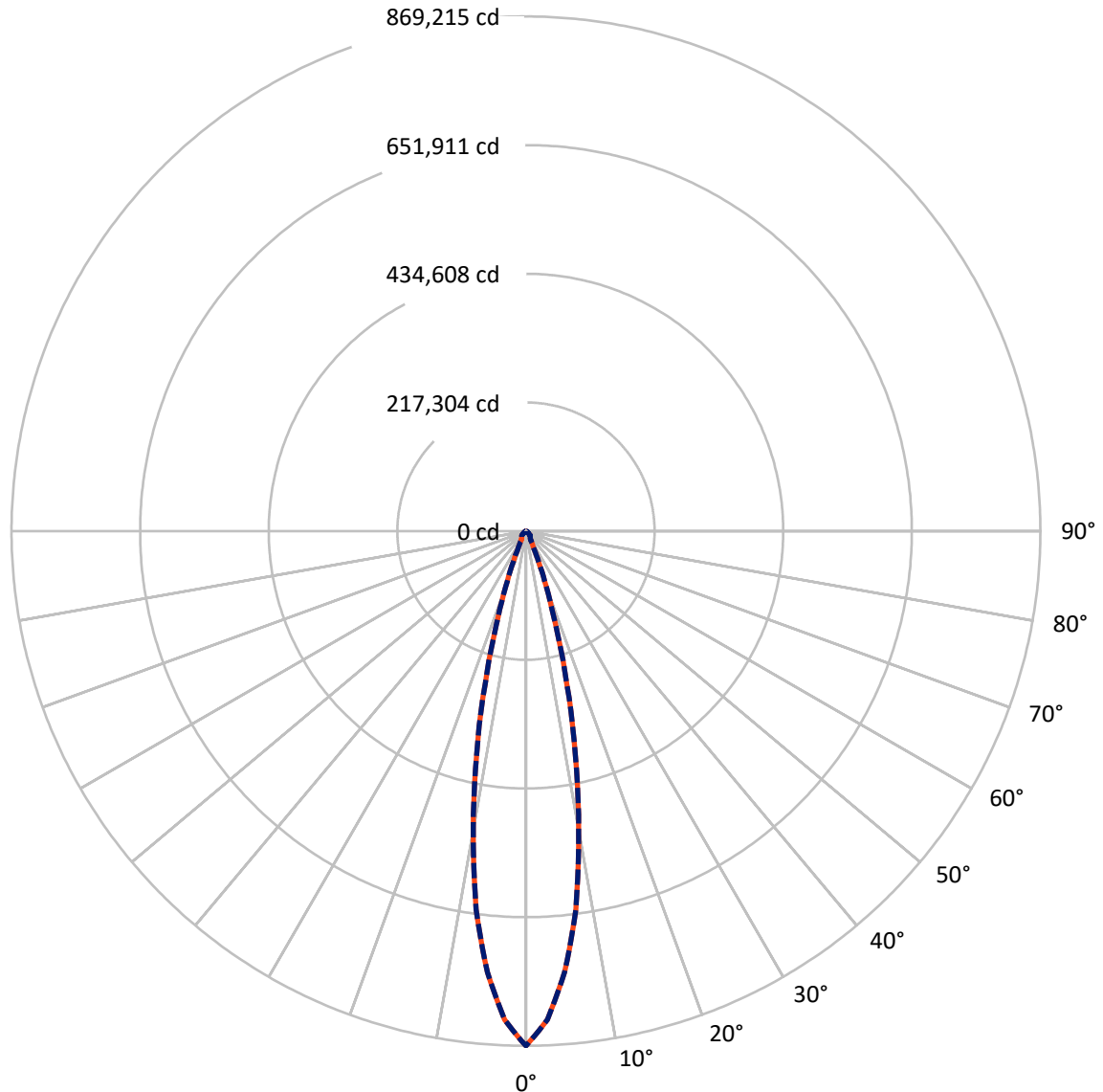
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### Lumen Table

90																
80	0.3	2.1		7.6		18.3		23.8		18.3		7.6		2.1		0.3
70																
60	0.9	1.1	4.5	12.5	24.0	36.4	46.7	52.5	52.5	46.7	36.4	24.0	12.5	4.5	1.1	0.9
50		3.4	14.3	33.5	58.2	83.0	101.6	111.5	111.5	101.6	83.0	58.2	33.5	14.3	3.4	
40	2.5	7.7	27.4	59.1	95.4	153.2	225.6	266.9	266.9	225.6	153.2	95.4	59.1	27.4	7.7	2.5
30		12.8	41.1	82.6	175.6	292.6	356.1	390.8	390.8	356.1	292.6	175.6	82.6	41.1	12.8	
20	5.3	17.5	53.1	120.7	264.9	361.7	568.0	1070.5	1070.5	568.0	361.7	264.9	120.7	53.1	17.5	5.3
10		21.1	60.9	167.2	302.6	534.9	2673.5	7234.3	7234.3	2673.5	534.9	302.6	167.2	60.9	21.1	
0	6.5	23.0	64.8	191.4	322.1	985.1	7048.4	18725.6	18725.6	7048.4	985.1	322.1	191.4	64.8	23.0	6.5
-10		23.0	64.8	191.4	322.1	985.1	7048.4	18725.6	18725.6	7048.4	985.1	322.1	191.4	64.8	23.0	
-20	5.3	21.1	60.9	167.2	302.6	534.9	2673.5	7234.3	7234.3	2673.5	534.9	302.6	167.2	60.9	21.1	5.3
-30		17.5	53.1	120.7	264.9	361.7	568.0	1070.5	1070.5	568.0	361.7	264.9	120.7	53.1	17.5	
-40	2.5	12.8	41.1	82.6	175.6	292.6	356.1	390.8	390.8	356.1	292.6	175.6	82.6	41.1	12.8	2.5
-50		7.7	27.4	59.1	95.4	153.2	225.6	266.9	266.9	225.6	153.2	95.4	59.1	27.4	7.7	
-60	0.9	3.4	14.3	33.5	58.2	83.0	101.6	111.5	111.5	101.6	83.0	58.2	33.5	14.3	3.4	0.9
-70		1.1	4.5	12.5	24.0	36.4	46.7	52.5	52.5	46.7	36.4	24.0	12.5	4.5	1.1	
-80																
-90	0.3	2.1		7.6		18.3		23.8		18.3		7.6		2.1		0.3

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CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-A

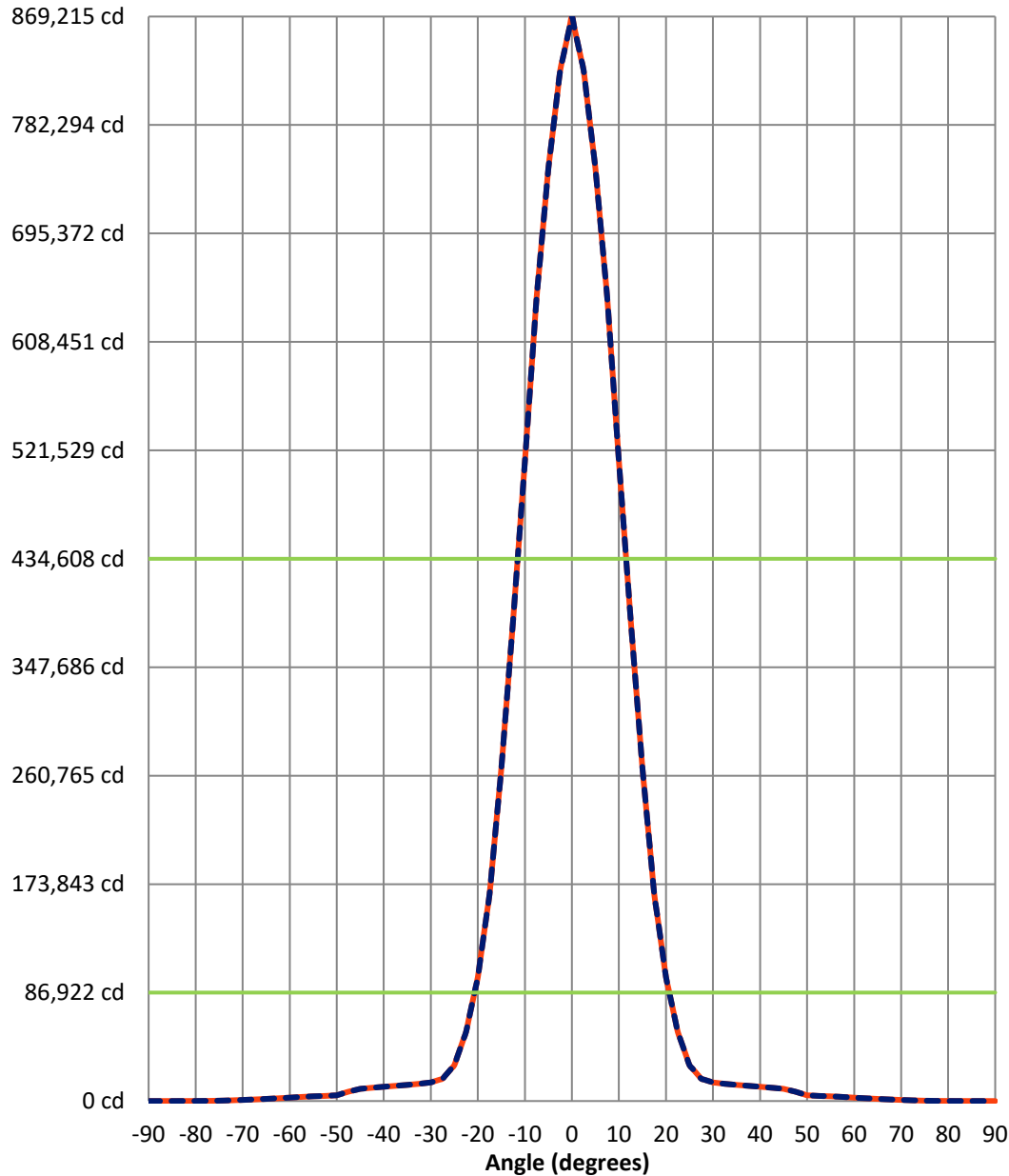
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 23.1°  
V Angle: 23.1°  
Lumens: 78628.7  
Efficiency: 45.1%

**Field:**  
H Angle: 41.4°  
V Angle: 41.4°  
Lumens: 138716.3  
Efficiency: 79.5%

**Spill:**  
Lumens: 35817.8  
Efficiency: 20.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
85°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	10.6	12.1	13.5	14.9
82.5°	0.0	2.3	4.6	6.9	9.2	11.5	13.7	15.9	18.0	19.6	21.2
80°	0.0	3.1	6.1	9.2	12.2	15.2	18.1	20.3	22.4	24.6	26.7
77.5°	0.0	3.8	7.7	11.5	15.2	18.7	21.4	24.2	26.8	29.5	32.5
75°	0.0	4.6	9.2	13.7	18.1	21.4	24.7	28.0	31.3	35.4	39.3
72.5°	0.0	5.3	10.6	15.9	20.3	24.2	28.0	32.1	36.8	41.5	46.2
70°	0.0	6.1	12.1	18.0	22.4	26.8	31.3	36.8	42.3	47.7	54.5
67.5°	0.0	6.8	13.5	19.6	24.6	29.5	35.4	41.5	47.7	55.4	63.0
65°	0.0	7.5	14.9	21.2	26.7	32.5	39.3	46.2	54.5	63.0	75.8
62.5°	0.0	8.2	16.3	22.7	28.7	35.7	43.3	51.6	61.1	73.2	98.4
60°	0.0	8.8	17.7	24.2	30.7	38.9	47.1	57.4	67.7	93.2	120.6
57.5°	0.0	9.5	18.7	25.7	33.2	42.0	51.7	63.0	82.8	112.8	168.5
55°	0.0	10.2	19.6	27.1	35.6	45.0	56.4	68.4	99.8	139.4	227.4
52.5°	0.0	10.8	20.5	28.5	37.9	48.1	61.0	81.9	116.4	191.1	284.8
50°	0.0	11.4	21.4	29.8	40.2	51.8	65.4	95.9	140.7	241.2	373.2
47.5°	0.0	12.0	22.3	31.2	42.4	55.3	70.6	109.4	183.8	289.7	462.6
45°	0.0	12.5	23.1	32.8	44.5	58.7	81.8	122.5	225.3	366.4	548.9
42.5°	0.0	13.0	23.9	34.3	46.5	62.0	92.5	147.9	265.1	440.8	648.9
40°	0.0	13.6	24.7	35.7	48.7	65.1	102.7	181.1	311.2	512.0	747.5
37.5°	0.0	14.0	25.4	37.1	51.1	68.0	112.4	212.6	371.2	584.4	841.5
35°	0.0	14.5	26.1	38.4	53.3	74.0	121.6	242.5	428.1	664.2	935.9
32.5°	0.0	14.9	26.7	39.6	55.4	81.2	134.8	270.7	481.6	739.5	1032.9
30°	0.0	15.3	27.3	40.8	57.4	87.9	157.2	301.1	531.8	810.0	1123.8
27.5°	0.0	15.7	27.8	41.8	59.2	94.1	178.1	341.6	582.5	875.5	1208.4
25°	0.0	16.0	28.3	42.8	60.9	99.8	197.3	378.9	635.9	942.0	1287.0
22.5°	0.0	16.4	28.8	43.7	62.4	105.0	214.8	412.9	684.5	1005.6	1368.9
20°	0.0	16.6	29.2	44.5	63.8	109.7	230.5	443.6	728.4	1063.0	1442.8
17.5°	0.0	16.9	29.6	45.2	65.0	113.9	244.5	470.8	767.4	1114.1	1508.6
15°	0.0	17.1	29.9	45.8	66.0	117.5	256.7	494.6	801.4	1158.6	1566.0
12.5°	0.0	17.3	30.2	46.3	66.9	120.6	267.1	514.8	830.3	1196.5	1614.9
10°	0.0	17.4	30.4	46.7	67.7	123.2	275.6	531.4	854.1	1227.6	1655.1
7.5°	0.0	17.5	30.6	47.1	68.3	125.1	282.2	544.3	872.7	1251.9	1686.5
5°	0.0	17.6	30.7	47.3	68.7	126.6	287.0	553.6	885.9	1269.3	1709.0
2.5°	0.0	17.7	30.8	47.5	68.9	127.4	289.8	559.1	893.9	1279.8	1722.5
0°	0.0	17.7	30.8	47.5	69.0	127.7	290.8	561.0	896.6	1283.3	1727.0
-2.5°	0.0	17.7	30.8	47.5	68.9	127.4	289.8	559.1	893.9	1279.8	1722.5
-5°	0.0	17.6	30.7	47.3	68.7	126.6	287.0	553.6	885.9	1269.3	1709.0
-7.5°	0.0	17.5	30.6	47.1	68.3	125.1	282.2	544.3	872.7	1251.9	1686.5
-10°	0.0	17.4	30.4	46.7	67.7	123.2	275.6	531.4	854.1	1227.6	1655.1
-12.5°	0.0	17.3	30.2	46.3	66.9	120.6	267.1	514.8	830.3	1196.5	1614.9
-15°	0.0	17.1	29.9	45.8	66.0	117.5	256.7	494.6	801.4	1158.6	1566.0
-17.5°	0.0	16.9	29.6	45.2	65.0	113.9	244.5	470.8	767.4	1114.1	1508.6
-20°	0.0	16.6	29.2	44.5	63.8	109.7	230.5	443.6	728.4	1063.0	1442.8



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 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	16.4	28.8	43.7	62.4	105.0	214.8	412.9	684.5	1005.6	1368.9
-25°	0.0	16.0	28.3	42.8	60.9	99.8	197.3	378.9	635.9	942.0	1287.0
-27.5°	0.0	15.7	27.8	41.8	59.2	94.1	178.1	341.6	582.5	875.5	1208.4
-30°	0.0	15.3	27.3	40.8	57.4	87.9	157.2	301.1	531.8	810.0	1123.8
-32.5°	0.0	14.9	26.7	39.6	55.4	81.2	134.8	270.7	481.6	739.5	1032.9
-35°	0.0	14.5	26.1	38.4	53.3	74.0	121.6	242.5	428.1	664.2	935.9
-37.5°	0.0	14.0	25.4	37.1	51.1	68.0	112.4	212.6	371.2	584.4	841.5
-40°	0.0	13.6	24.7	35.7	48.7	65.1	102.7	181.1	311.2	512.0	747.5
-42.5°	0.0	13.0	23.9	34.3	46.5	62.0	92.5	147.9	265.1	440.8	648.9
-45°	0.0	12.5	23.1	32.8	44.5	58.7	81.8	122.5	225.3	366.4	548.9
-47.5°	0.0	12.0	22.3	31.2	42.4	55.3	70.6	109.4	183.8	289.7	462.6
-50°	0.0	11.4	21.4	29.8	40.2	51.8	65.4	95.9	140.7	241.2	373.2
-52.5°	0.0	10.8	20.5	28.5	37.9	48.1	61.0	81.9	116.4	191.1	284.8
-55°	0.0	10.2	19.6	27.1	35.6	45.0	56.4	68.4	99.8	139.4	227.4
-57.5°	0.0	9.5	18.7	25.7	33.2	42.0	51.7	63.0	82.8	112.8	168.5
-60°	0.0	8.8	17.7	24.2	30.7	38.9	47.1	57.4	67.7	93.2	120.6
-62.5°	0.0	8.2	16.3	22.7	28.7	35.7	43.3	51.6	61.1	73.2	98.4
-65°	0.0	7.5	14.9	21.2	26.7	32.5	39.3	46.2	54.5	63.0	75.8
-67.5°	0.0	6.8	13.5	19.6	24.6	29.5	35.4	41.5	47.7	55.4	63.0
-70°	0.0	6.1	12.1	18.0	22.4	26.8	31.3	36.8	42.3	47.7	54.5
-72.5°	0.0	5.3	10.6	15.9	20.3	24.2	28.0	32.1	36.8	41.5	46.2
-75°	0.0	4.6	9.2	13.7	18.1	21.4	24.7	28.0	31.3	35.4	39.3
-77.5°	0.0	3.8	7.7	11.5	15.2	18.7	21.4	24.2	26.8	29.5	32.5
-80°	0.0	3.1	6.1	9.2	12.2	15.2	18.1	20.3	22.4	24.6	26.7
-82.5°	0.0	2.3	4.6	6.9	9.2	11.5	13.7	15.9	18.0	19.6	21.2
-85°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	10.6	12.1	13.5	14.9
-87.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-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°	8.2	8.8	9.5	10.2	10.8	11.4	12.0	12.5	13.0	13.6	14.0
85°	16.3	17.7	18.7	19.6	20.5	21.4	22.3	23.1	23.9	24.7	25.4
82.5°	22.7	24.2	25.7	27.1	28.5	29.8	31.2	32.8	34.3	35.7	37.1
80°	28.7	30.7	33.2	35.6	37.9	40.2	42.4	44.5	46.5	48.7	51.1
77.5°	35.7	38.9	42.0	45.0	48.1	51.8	55.3	58.7	62.0	65.1	68.0
75°	43.3	47.1	51.7	56.4	61.0	65.4	70.6	81.8	92.5	102.7	112.4
72.5°	51.6	57.4	63.0	68.4	81.9	95.9	109.4	122.5	147.9	181.1	212.6
70°	61.1	67.7	82.8	99.8	116.4	140.7	183.8	225.3	265.1	311.2	371.2
67.5°	73.2	93.2	112.8	139.4	191.1	241.2	289.7	366.4	440.8	512.0	584.4
65°	98.4	120.6	168.5	227.4	284.8	373.2	462.6	548.9	648.9	747.5	841.5
62.5°	123.3	183.1	249.4	329.5	434.1	535.7	651.9	770.0	883.6	1007.2	1127.0
60°	183.1	256.7	353.9	470.8	590.7	728.4	862.0	1005.6	1149.0	1287.0	1437.8
57.5°	249.4	353.9	483.1	621.4	774.7	928.2	1095.2	1256.9	1431.9	1603.7	1771.0
55°	329.5	470.8	621.4	790.2	964.1	1149.5	1336.4	1536.6	1730.2	1929.8	2120.9
52.5°	434.1	590.7	774.7	964.1	1167.6	1378.4	1600.1	1821.6	2044.8	2265.9	2494.7
50°	535.7	728.4	928.2	1149.5	1378.4	1621.3	1867.6	2114.4	2369.9	2625.6	2883.2
47.5°	651.9	862.0	1095.2	1336.4	1600.1	1867.6	2137.8	2422.2	2705.0	2999.1	3284.3
45°	770.0	1005.6	1256.9	1536.6	1821.6	2114.4	2422.2	2731.6	3057.6	3364.0	3627.5
42.5°	883.6	1149.0	1431.9	1730.2	2044.8	2369.9	2705.0	3057.6	3389.7	3679.8	3894.9
40°	1007.2	1287.0	1603.7	1929.8	2265.9	2625.6	2999.1	3364.0	3679.8	3910.6	4085.6
37.5°	1127.0	1437.8	1771.0	2120.9	2494.7	2883.2	3284.3	3627.5	3894.9	4085.6	4412.6
35°	1240.7	1581.1	1938.8	2314.0	2713.0	3137.9	3523.6	3847.9	4053.5	4383.0	5241.2
32.5°	1357.7	1716.7	2097.7	2505.6	2936.2	3370.0	3748.9	3990.0	4294.7	4908.9	6944.5
30°	1473.4	1852.5	2251.9	2685.9	3148.1	3568.2	3896.2	4149.4	4555.0	6436.2	8338.2
27.5°	1581.1	1979.9	2406.7	2865.0	3341.0	3754.1	4014.2	4378.4	5600.8	7801.8	9536.3
25°	1680.7	2097.7	2550.0	3034.5	3500.6	3875.4	4148.2	4592.1	6863.3	8853.6	10124.0
22.5°	1775.0	2205.8	2681.3	3190.1	3647.2	3969.1	4331.1	5540.0	7919.3	9801.6	10529.7
20°	1863.3	2314.0	2806.0	3327.6	3780.3	4054.2	4497.6	6529.6	8749.0	10147.8	10881.4
17.5°	1941.9	2410.4	2921.0	3436.6	3859.1	4159.6	4756.1	7418.4	9495.6	10460.1	11189.5
15°	2010.5	2494.7	3021.6	3532.1	3920.5	4280.4	5477.4	8050.6	9927.3	10729.4	11462.2
12.5°	2069.0	2566.5	3107.4	3613.6	3973.0	4383.7	6095.5	8572.2	10146.5	10946.7	11683.0
10°	2117.1	2625.6	3178.0	3680.9	4016.3	4469.0	6606.6	9004.1	10328.2	11127.3	11866.9
7.5°	2154.7	2671.9	3233.3	3733.5	4050.3	4535.9	7007.5	9343.4	10471.2	11269.6	12012.0
5°	2181.6	2705.0	3273.0	3771.2	4074.6	4584.0	7295.8	9587.5	10574.2	11372.2	12116.8
2.5°	2197.8	2724.9	3296.8	3793.9	4089.3	4612.9	7469.6	9734.7	10636.3	11434.2	12180.2
0°	2203.2	2731.6	3304.8	3801.5	4094.2	4622.6	7527.6	9783.9	10657.1	11454.9	12201.4
-2.5°	2197.8	2724.9	3296.8	3793.9	4089.3	4612.9	7469.6	9734.7	10636.3	11434.2	12180.2
-5°	2181.6	2705.0	3273.0	3771.2	4074.6	4584.0	7295.8	9587.5	10574.2	11372.2	12116.8
-7.5°	2154.7	2671.9	3233.3	3733.5	4050.3	4535.9	7007.5	9343.4	10471.2	11269.6	12012.0
-10°	2117.1	2625.6	3178.0	3680.9	4016.3	4469.0	6606.6	9004.1	10328.2	11127.3	11866.9
-12.5°	2069.0	2566.5	3107.4	3613.6	3973.0	4383.7	6095.5	8572.2	10146.5	10946.7	11683.0
-15°	2010.5	2494.7	3021.6	3532.1	3920.5	4280.4	5477.4	8050.6	9927.3	10729.4	11462.2
-17.5°	1941.9	2410.4	2921.0	3436.6	3859.1	4159.6	4756.1	7418.4	9495.6	10460.1	11189.5
-20°	1863.3	2314.0	2806.0	3327.6	3780.3	4054.2	4497.6	6529.6	8749.0	10147.8	10881.4



REPORT NUMBER: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1775.0	2205.8	2681.3	3190.1	3647.2	3969.1	4331.1	5540.0	7919.3	9801.6	10529.7
-25°	1680.7	2097.7	2550.0	3034.5	3500.6	3875.4	4148.2	4592.1	6863.3	8853.6	10124.0
-27.5°	1581.1	1979.9	2406.7	2865.0	3341.0	3754.1	4014.2	4378.4	5600.8	7801.8	9536.3
-30°	1473.4	1852.5	2251.9	2685.9	3148.1	3568.2	3896.2	4149.4	4555.0	6436.2	8338.2
-32.5°	1357.7	1716.7	2097.7	2505.6	2936.2	3370.0	3748.9	3990.0	4294.7	4908.9	6944.5
-35°	1240.7	1581.1	1938.8	2314.0	2713.0	3137.9	3523.6	3847.9	4053.5	4383.0	5241.2
-37.5°	1127.0	1437.8	1771.0	2120.9	2494.7	2883.2	3284.3	3627.5	3894.9	4085.6	4412.6
-40°	1007.2	1287.0	1603.7	1929.8	2265.9	2625.6	2999.1	3364.0	3679.8	3910.6	4085.6
-42.5°	883.6	1149.0	1431.9	1730.2	2044.8	2369.9	2705.0	3057.6	3389.7	3679.8	3894.9
-45°	770.0	1005.6	1256.9	1536.6	1821.6	2114.4	2422.2	2731.6	3057.6	3364.0	3627.5
-47.5°	651.9	862.0	1095.2	1336.4	1600.1	1867.6	2137.8	2422.2	2705.0	2999.1	3284.3
-50°	535.7	728.4	928.2	1149.5	1378.4	1621.3	1867.6	2114.4	2369.9	2625.6	2883.2
-52.5°	434.1	590.7	774.7	964.1	1167.6	1378.4	1600.1	1821.6	2044.8	2265.9	2494.7
-55°	329.5	470.8	621.4	790.2	964.1	1149.5	1336.4	1536.6	1730.2	1929.8	2120.9
-57.5°	249.4	353.9	483.1	621.4	774.7	928.2	1095.2	1256.9	1431.9	1603.7	1771.0
-60°	183.1	256.7	353.9	470.8	590.7	728.4	862.0	1005.6	1149.0	1287.0	1437.8
-62.5°	123.3	183.1	249.4	329.5	434.1	535.7	651.9	770.0	883.6	1007.2	1127.0
-65°	98.4	120.6	168.5	227.4	284.8	373.2	462.6	548.9	648.9	747.5	841.5
-67.5°	73.2	93.2	112.8	139.4	191.1	241.2	289.7	366.4	440.8	512.0	584.4
-70°	61.1	67.7	82.8	99.8	116.4	140.7	183.8	225.3	265.1	311.2	371.2
-72.5°	51.6	57.4	63.0	68.4	81.9	95.9	109.4	122.5	147.9	181.1	212.6
-75°	43.3	47.1	51.7	56.4	61.0	65.4	70.6	81.8	92.5	102.7	112.4
-77.5°	35.7	38.9	42.0	45.0	48.1	51.8	55.3	58.7	62.0	65.1	68.0
-80°	28.7	30.7	33.2	35.6	37.9	40.2	42.4	44.5	46.5	48.7	51.1
-82.5°	22.7	24.2	25.7	27.1	28.5	29.8	31.2	32.8	34.3	35.7	37.1
-85°	16.3	17.7	18.7	19.6	20.5	21.4	22.3	23.1	23.9	24.7	25.4
-87.5°	8.2	8.8	9.5	10.2	10.8	11.4	12.0	12.5	13.0	13.6	14.0
-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: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-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°	14.5	14.9	15.3	15.7	16.0	16.4	16.6	16.9	17.1	17.3	17.4
85°	26.1	26.7	27.3	27.8	28.3	28.8	29.2	29.6	29.9	30.2	30.4
82.5°	38.4	39.6	40.8	41.8	42.8	43.7	44.5	45.2	45.8	46.3	46.7
80°	53.3	55.4	57.4	59.2	60.9	62.4	63.8	65.0	66.0	66.9	67.7
77.5°	74.0	81.2	87.9	94.1	99.8	105.0	109.7	113.9	117.5	120.6	123.2
75°	121.6	134.8	157.2	178.1	197.3	214.8	230.5	244.5	256.7	267.1	275.6
72.5°	242.5	270.7	301.1	341.6	378.9	412.9	443.6	470.8	494.6	514.8	531.4
70°	428.1	481.6	531.8	582.5	635.9	684.5	728.4	767.4	801.4	830.3	854.1
67.5°	664.2	739.5	810.0	875.5	942.0	1005.6	1063.0	1114.1	1158.6	1196.5	1227.6
65°	935.9	1032.9	1123.8	1208.4	1287.0	1368.9	1442.8	1508.6	1566.0	1614.9	1655.1
62.5°	1240.7	1357.7	1473.4	1581.1	1680.7	1775.0	1863.3	1941.9	2010.5	2069.0	2117.1
60°	1581.1	1716.7	1852.5	1979.9	2097.7	2205.8	2314.0	2410.4	2494.7	2566.5	2625.6
57.5°	1938.8	2097.7	2251.9	2406.7	2550.0	2681.3	2806.0	2921.0	3021.6	3107.4	3178.0
55°	2314.0	2505.6	2685.9	2865.0	3034.5	3190.1	3327.6	3436.6	3532.1	3613.6	3680.9
52.5°	2713.0	2936.2	3148.1	3341.0	3500.6	3647.2	3780.3	3859.1	3920.5	3973.0	4016.3
50°	3137.9	3370.0	3568.2	3754.1	3875.4	3969.1	4054.2	4159.6	4280.4	4383.7	4469.0
47.5°	3523.6	3748.9	3896.2	4014.2	4148.2	4331.1	4497.6	4756.1	5477.4	6095.5	6606.6
45°	3847.9	3990.0	4149.4	4378.4	4592.1	5540.0	6529.6	7418.4	8050.6	8572.2	9004.1
42.5°	4053.5	4294.7	4555.0	5600.8	6863.3	7919.3	8749.0	9495.6	9927.3	10146.5	10328.2
40°	4383.0	4908.9	6436.2	7801.8	8853.6	9801.6	10147.8	10460.1	10729.4	10946.7	11127.3
37.5°	5241.2	6944.5	8338.2	9536.3	10124.0	10529.7	10881.4	11189.5	11462.2	11683.0	11866.9
35°	7115.2	8609.4	9849.1	10343.4	10796.4	11194.1	11553.9	11865.2	12142.1	12381.3	12580.8
32.5°	8609.4	9903.2	10454.4	10952.6	11407.4	11809.2	12178.2	12513.2	12812.2	13093.6	13348.4
30°	9849.1	10454.4	11005.1	11511.7	11965.5	12391.8	12787.0	13183.3	13562.8	13914.8	14267.3
27.5°	10343.4	10952.6	11511.7	12018.2	12500.3	12956.9	13454.1	13936.6	14457.9	14915.2	15949.7
25°	10796.4	11407.4	11965.5	12500.3	13023.3	13592.1	14208.5	14833.4	16214.2	17557.5	20886.2
22.5°	11194.1	11809.2	12391.8	12956.9	13592.1	14300.4	15208.3	17022.0	20809.2	26199.4	33901.6
20°	11553.9	12178.2	12787.0	13454.1	14208.5	15208.3	17296.0	22919.8	30707.4	45346.9	59571.2
17.5°	11865.2	12513.2	13183.3	13936.6	14833.4	17022.0	22919.8	33505.6	51280.7	74962.2	98011.2
15°	12142.1	12812.2	13562.8	14457.9	16214.2	20809.2	30707.4	51280.7	80241.2	114501.3	153722.9
12.5°	12381.3	13093.6	13914.8	14915.2	17557.5	26199.4	45346.9	74962.2	114501.3	163249.0	228123.6
10°	12580.8	13348.4	14267.3	15949.7	20886.2	33901.6	59571.2	98011.2	153722.9	228123.6	306132.9
7.5°	12738.6	13550.4	14547.8	16779.3	24244.6	43129.7	76462.5	126250.6	196994.3	286674.5	386672.8
5°	12852.8	13697.0	14751.7	17384.7	26706.3	49932.9	89011.8	147986.8	234747.3	337924.3	453555.2
2.5°	12922.0	13785.8	14875.6	17753.4	28210.1	54106.7	96755.5	161509.5	258517.7	373042.6	497053.3
0°	12945.1	13815.6	14917.2	17877.2	28716.0	55514.0	99374.7	166104.1	266649.3	385500.0	512328.3
-2.5°	12922.0	13785.8	14875.6	17753.4	28210.1	54106.7	96755.5	161509.5	258517.7	373042.6	497053.3
-5°	12852.8	13697.0	14751.7	17384.7	26706.3	49932.9	89011.8	147986.8	234747.3	337924.3	453555.2
-7.5°	12738.6	13550.4	14547.8	16779.3	24244.6	43129.7	76462.5	126250.6	196994.3	286674.5	386672.8
-10°	12580.8	13348.4	14267.3	15949.7	20886.2	33901.6	59571.2	98011.2	153722.9	228123.6	306132.9
-12.5°	12381.3	13093.6	13914.8	14915.2	17557.5	26199.4	45346.9	74962.2	114501.3	163249.0	228123.6
-15°	12142.1	12812.2	13562.8	14457.9	16214.2	20809.2	30707.4	51280.7	80241.2	114501.3	153722.9
-17.5°	11865.2	12513.2	13183.3	13936.6	14833.4	17022.0	22919.8	33505.6	51280.7	74962.2	98011.2
-20°	11553.9	12178.2	12787.0	13454.1	14208.5	15208.3	17296.0	22919.8	30707.4	45346.9	59571.2



REPORT NUMBER: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11194.1	11809.2	12391.8	12956.9	13592.1	14300.4	15208.3	17022.0	20809.2	26199.4	33901.6
-25°	10796.4	11407.4	11965.5	12500.3	13023.3	13592.1	14208.5	14833.4	16214.2	17557.5	20886.2
-27.5°	10343.4	10952.6	11511.7	12018.2	12500.3	12956.9	13454.1	13936.6	14457.9	14915.2	15949.7
-30°	9849.1	10454.4	11005.1	11511.7	11965.5	12391.8	12787.0	13183.3	13562.8	13914.8	14267.3
-32.5°	8609.4	9903.2	10454.4	10952.6	11407.4	11809.2	12178.2	12513.2	12812.2	13093.6	13348.4
-35°	7115.2	8609.4	9849.1	10343.4	10796.4	11194.1	11553.9	11865.2	12142.1	12381.3	12580.8
-37.5°	5241.2	6944.5	8338.2	9536.3	10124.0	10529.7	10881.4	11189.5	11462.2	11683.0	11866.9
-40°	4383.0	4908.9	6436.2	7801.8	8853.6	9801.6	10147.8	10460.1	10729.4	10946.7	11127.3
-42.5°	4053.5	4294.7	4555.0	5600.8	6863.3	7919.3	8749.0	9495.6	9927.3	10146.5	10328.2
-45°	3847.9	3990.0	4149.4	4378.4	4592.1	5540.0	6529.6	7418.4	8050.6	8572.2	9004.1
-47.5°	3523.6	3748.9	3896.2	4014.2	4148.2	4331.1	4497.6	4756.1	5477.4	6095.5	6606.6
-50°	3137.9	3370.0	3568.2	3754.1	3875.4	3969.1	4054.2	4159.6	4280.4	4383.7	4469.0
-52.5°	2713.0	2936.2	3148.1	3341.0	3500.6	3647.2	3780.3	3859.1	3920.5	3973.0	4016.3
-55°	2314.0	2505.6	2685.9	2865.0	3034.5	3190.1	3327.6	3436.6	3532.1	3613.6	3680.9
-57.5°	1938.8	2097.7	2251.9	2406.7	2550.0	2681.3	2806.0	2921.0	3021.6	3107.4	3178.0
-60°	1581.1	1716.7	1852.5	1979.9	2097.7	2205.8	2314.0	2410.4	2494.7	2566.5	2625.6
-62.5°	1240.7	1357.7	1473.4	1581.1	1680.7	1775.0	1863.3	1941.9	2010.5	2069.0	2117.1
-65°	935.9	1032.9	1123.8	1208.4	1287.0	1368.9	1442.8	1508.6	1566.0	1614.9	1655.1
-67.5°	664.2	739.5	810.0	875.5	942.0	1005.6	1063.0	1114.1	1158.6	1196.5	1227.6
-70°	428.1	481.6	531.8	582.5	635.9	684.5	728.4	767.4	801.4	830.3	854.1
-72.5°	242.5	270.7	301.1	341.6	378.9	412.9	443.6	470.8	494.6	514.8	531.4
-75°	121.6	134.8	157.2	178.1	197.3	214.8	230.5	244.5	256.7	267.1	275.6
-77.5°	74.0	81.2	87.9	94.1	99.8	105.0	109.7	113.9	117.5	120.6	123.2
-80°	53.3	55.4	57.4	59.2	60.9	62.4	63.8	65.0	66.0	66.9	67.7
-82.5°	38.4	39.6	40.8	41.8	42.8	43.7	44.5	45.2	45.8	46.3	46.7
-85°	26.1	26.7	27.3	27.8	28.3	28.8	29.2	29.6	29.9	30.2	30.4
-87.5°	14.5	14.9	15.3	15.7	16.0	16.4	16.6	16.9	17.1	17.3	17.4
-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: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-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°	17.5	17.6	17.7	17.7	17.7	17.6	17.5	17.4	17.3	17.1	16.9
85°	30.6	30.7	30.8	30.8	30.8	30.7	30.6	30.4	30.2	29.9	29.6
82.5°	47.1	47.3	47.5	47.5	47.5	47.3	47.1	46.7	46.3	45.8	45.2
80°	68.3	68.7	68.9	69.0	68.9	68.7	68.3	67.7	66.9	66.0	65.0
77.5°	125.1	126.6	127.4	127.7	127.4	126.6	125.1	123.2	120.6	117.5	113.9
75°	282.2	287.0	289.8	290.8	289.8	287.0	282.2	275.6	267.1	256.7	244.5
72.5°	544.3	553.6	559.1	561.0	559.1	553.6	544.3	531.4	514.8	494.6	470.8
70°	872.7	885.9	893.9	896.6	893.9	885.9	872.7	854.1	830.3	801.4	767.4
67.5°	1251.9	1269.3	1279.8	1283.3	1279.8	1269.3	1251.9	1227.6	1196.5	1158.6	1114.1
65°	1686.5	1709.0	1722.5	1727.0	1722.5	1709.0	1686.5	1655.1	1614.9	1566.0	1508.6
62.5°	2154.7	2181.6	2197.8	2203.2	2197.8	2181.6	2154.7	2117.1	2069.0	2010.5	1941.9
60°	2671.9	2705.0	2724.9	2731.6	2724.9	2705.0	2671.9	2625.6	2566.5	2494.7	2410.4
57.5°	3233.3	3273.0	3296.8	3304.8	3296.8	3273.0	3233.3	3178.0	3107.4	3021.6	2921.0
55°	3733.5	3771.2	3793.9	3801.5	3793.9	3771.2	3733.5	3680.9	3613.6	3532.1	3436.6
52.5°	4050.3	4074.6	4089.3	4094.2	4089.3	4074.6	4050.3	4016.3	3973.0	3920.5	3859.1
50°	4535.9	4584.0	4612.9	4622.6	4612.9	4584.0	4535.9	4469.0	4383.7	4280.4	4159.6
47.5°	7007.5	7295.8	7469.6	7527.6	7469.6	7295.8	7007.5	6606.6	6095.5	5477.4	4756.1
45°	9343.4	9587.5	9734.7	9783.9	9734.7	9587.5	9343.4	9004.1	8572.2	8050.6	7418.4
42.5°	10471.2	10574.2	10636.3	10657.1	10636.3	10574.2	10471.2	10328.2	10146.5	9927.3	9495.6
40°	11269.6	11372.2	11434.2	11454.9	11434.2	11372.2	11269.6	11127.3	10946.7	10729.4	10460.1
37.5°	12012.0	12116.8	12180.2	12201.4	12180.2	12116.8	12012.0	11866.9	11683.0	11462.2	11189.5
35°	12738.6	12852.8	12922.0	12945.1	12922.0	12852.8	12738.6	12580.8	12381.3	12142.1	11865.2
32.5°	13550.4	13697.0	13785.8	13815.6	13785.8	13697.0	13550.4	13348.4	13093.6	12812.2	12513.2
30°	14547.8	14751.7	14875.6	14917.2	14875.6	14751.7	14547.8	14267.3	13914.8	13562.8	13183.3
27.5°	16779.3	17384.7	17753.4	17877.2	17753.4	17384.7	16779.3	15949.7	14915.2	14457.9	13936.6
25°	24244.6	26706.3	28210.1	28716.0	28210.1	26706.3	24244.6	20886.2	17557.5	16214.2	14833.4
22.5°	43129.7	49932.9	54106.7	55514.0	54106.7	49932.9	43129.7	33901.6	26199.4	20809.2	17022.0
20°	76462.5	89011.8	96755.5	99374.7	96755.5	89011.8	76462.5	59571.2	45346.9	30707.4	22919.8
17.5°	126250.6	147986.8	161509.5	166104.1	161509.5	147986.8	126250.6	98011.2	74962.2	51280.7	33505.6
15°	196994.3	234747.3	258517.7	266649.3	258517.7	234747.3	196994.3	153722.9	114501.3	80241.2	51280.7
12.5°	286674.5	337924.3	373042.6	385500.0	373042.6	337924.3	286674.5	228123.6	163249.0	114501.3	74962.2
10°	386672.8	453555.2	497053.3	512328.3	497053.3	453555.2	386672.8	306132.9	228123.6	153722.9	98011.2
7.5°	482678.1	565152.0	624199.5	644312.3	624199.5	565152.0	482678.1	386672.8	286674.5	196994.3	126250.6
5°	565152.0	665920.4	726341.7	747521.6	726341.7	665920.4	565152.0	453555.2	337924.3	234747.3	147986.8
2.5°	624199.5	726341.7	794743.0	825933.8	794743.0	726341.7	624199.5	497053.3	373042.6	258517.7	161509.5
0°	644312.3	747521.6	825933.8	869215.2	825933.8	747521.6	644312.3	512328.3	385500.0	266649.3	166104.1
-2.5°	624199.5	726341.7	794743.0	825933.8	794743.0	726341.7	624199.5	497053.3	373042.6	258517.7	161509.5
-5°	565152.0	665920.4	726341.7	747521.6	726341.7	665920.4	565152.0	453555.2	337924.3	234747.3	147986.8
-7.5°	482678.1	565152.0	624199.5	644312.3	624199.5	565152.0	482678.1	386672.8	286674.5	196994.3	126250.6
-10°	386672.8	453555.2	497053.3	512328.3	497053.3	453555.2	386672.8	306132.9	228123.6	153722.9	98011.2
-12.5°	286674.5	337924.3	373042.6	385500.0	373042.6	337924.3	286674.5	228123.6	163249.0	114501.3	74962.2
-15°	196994.3	234747.3	258517.7	266649.3	258517.7	234747.3	196994.3	153722.9	114501.3	80241.2	51280.7
-17.5°	126250.6	147986.8	161509.5	166104.1	161509.5	147986.8	126250.6	98011.2	74962.2	51280.7	33505.6
-20°	76462.5	89011.8	96755.5	99374.7	96755.5	89011.8	76462.5	59571.2	45346.9	30707.4	22919.8



REPORT NUMBER: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	43129.7	49932.9	54106.7	55514.0	54106.7	49932.9	43129.7	33901.6	26199.4	20809.2	17022.0
-25°	24244.6	26706.3	28210.1	28716.0	28210.1	26706.3	24244.6	20886.2	17557.5	16214.2	14833.4
-27.5°	16779.3	17384.7	17753.4	17877.2	17753.4	17384.7	16779.3	15949.7	14915.2	14457.9	13936.6
-30°	14547.8	14751.7	14875.6	14917.2	14875.6	14751.7	14547.8	14267.3	13914.8	13562.8	13183.3
-32.5°	13550.4	13697.0	13785.8	13815.6	13785.8	13697.0	13550.4	13348.4	13093.6	12812.2	12513.2
-35°	12738.6	12852.8	12922.0	12945.1	12922.0	12852.8	12738.6	12580.8	12381.3	12142.1	11865.2
-37.5°	12012.0	12116.8	12180.2	12201.4	12180.2	12116.8	12012.0	11866.9	11683.0	11462.2	11189.5
-40°	11269.6	11372.2	11434.2	11454.9	11434.2	11372.2	11269.6	11127.3	10946.7	10729.4	10460.1
-42.5°	10471.2	10574.2	10636.3	10657.1	10636.3	10574.2	10471.2	10328.2	10146.5	9927.3	9495.6
-45°	9343.4	9587.5	9734.7	9783.9	9734.7	9587.5	9343.4	9004.1	8572.2	8050.6	7418.4
-47.5°	7007.5	7295.8	7469.6	7527.6	7469.6	7295.8	7007.5	6606.6	6095.5	5477.4	4756.1
-50°	4535.9	4584.0	4612.9	4622.6	4612.9	4584.0	4535.9	4469.0	4383.7	4280.4	4159.6
-52.5°	4050.3	4074.6	4089.3	4094.2	4089.3	4074.6	4050.3	4016.3	3973.0	3920.5	3859.1
-55°	3733.5	3771.2	3793.9	3801.5	3793.9	3771.2	3733.5	3680.9	3613.6	3532.1	3436.6
-57.5°	3233.3	3273.0	3296.8	3304.8	3296.8	3273.0	3233.3	3178.0	3107.4	3021.6	2921.0
-60°	2671.9	2705.0	2724.9	2731.6	2724.9	2705.0	2671.9	2625.6	2566.5	2494.7	2410.4
-62.5°	2154.7	2181.6	2197.8	2203.2	2197.8	2181.6	2154.7	2117.1	2069.0	2010.5	1941.9
-65°	1686.5	1709.0	1722.5	1727.0	1722.5	1709.0	1686.5	1655.1	1614.9	1566.0	1508.6
-67.5°	1251.9	1269.3	1279.8	1283.3	1279.8	1269.3	1251.9	1227.6	1196.5	1158.6	1114.1
-70°	872.7	885.9	893.9	896.6	893.9	885.9	872.7	854.1	830.3	801.4	767.4
-72.5°	544.3	553.6	559.1	561.0	559.1	553.6	544.3	531.4	514.8	494.6	470.8
-75°	282.2	287.0	289.8	290.8	289.8	287.0	282.2	275.6	267.1	256.7	244.5
-77.5°	125.1	126.6	127.4	127.7	127.4	126.6	125.1	123.2	120.6	117.5	113.9
-80°	68.3	68.7	68.9	69.0	68.9	68.7	68.3	67.7	66.9	66.0	65.0
-82.5°	47.1	47.3	47.5	47.5	47.5	47.3	47.1	46.7	46.3	45.8	45.2
-85°	30.6	30.7	30.8	30.8	30.8	30.7	30.6	30.4	30.2	29.9	29.6
-87.5°	17.5	17.6	17.7	17.7	17.7	17.6	17.5	17.4	17.3	17.1	16.9
-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: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-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°	16.6	16.4	16.0	15.7	15.3	14.9	14.5	14.0	13.6	13.0	12.5
85°	29.2	28.8	28.3	27.8	27.3	26.7	26.1	25.4	24.7	23.9	23.1
82.5°	44.5	43.7	42.8	41.8	40.8	39.6	38.4	37.1	35.7	34.3	32.8
80°	63.8	62.4	60.9	59.2	57.4	55.4	53.3	51.1	48.7	46.5	44.5
77.5°	109.7	105.0	99.8	94.1	87.9	81.2	74.0	68.0	65.1	62.0	58.7
75°	230.5	214.8	197.3	178.1	157.2	134.8	121.6	112.4	102.7	92.5	81.8
72.5°	443.6	412.9	378.9	341.6	301.1	270.7	242.5	212.6	181.1	147.9	122.5
70°	728.4	684.5	635.9	582.5	531.8	481.6	428.1	371.2	311.2	265.1	225.3
67.5°	1063.0	1005.6	942.0	875.5	810.0	739.5	664.2	584.4	512.0	440.8	366.4
65°	1442.8	1368.9	1287.0	1208.4	1123.8	1032.9	935.9	841.5	747.5	648.9	548.9
62.5°	1863.3	1775.0	1680.7	1581.1	1473.4	1357.7	1240.7	1127.0	1007.2	883.6	770.0
60°	2314.0	2205.8	2097.7	1979.9	1852.5	1716.7	1581.1	1437.8	1287.0	1149.0	1005.6
57.5°	2806.0	2681.3	2550.0	2406.7	2251.9	2097.7	1938.8	1771.0	1603.7	1431.9	1256.9
55°	3327.6	3190.1	3034.5	2865.0	2685.9	2505.6	2314.0	2120.9	1929.8	1730.2	1536.6
52.5°	3780.3	3647.2	3500.6	3341.0	3148.1	2936.2	2713.0	2494.7	2265.9	2044.8	1821.6
50°	4054.2	3969.1	3875.4	3754.1	3568.2	3370.0	3137.9	2883.2	2625.6	2369.9	2114.4
47.5°	4497.6	4331.1	4148.2	4014.2	3896.2	3748.9	3523.6	3284.3	2999.1	2705.0	2422.2
45°	6529.6	5540.0	4592.1	4378.4	4149.4	3990.0	3847.9	3627.5	3364.0	3057.6	2731.6
42.5°	8749.0	7919.3	6863.3	5600.8	4555.0	4294.7	4053.5	3894.9	3679.8	3389.7	3057.6
40°	10147.8	9801.6	8853.6	7801.8	6436.2	4908.9	4383.0	4085.6	3910.6	3679.8	3364.0
37.5°	10881.4	10529.7	10124.0	9536.3	8338.2	6944.5	5241.2	4412.6	4085.6	3894.9	3627.5
35°	11553.9	11194.1	10796.4	10343.4	9849.1	8609.4	7115.2	5241.2	4383.0	4053.5	3847.9
32.5°	12178.2	11809.2	11407.4	10952.6	10454.4	9903.2	8609.4	6944.5	4908.9	4294.7	3990.0
30°	12787.0	12391.8	11965.5	11511.7	11005.1	10454.4	9849.1	8338.2	6436.2	4555.0	4149.4
27.5°	13454.1	12956.9	12500.3	12018.2	11511.7	10952.6	10343.4	9536.3	7801.8	5600.8	4378.4
25°	14208.5	13592.1	13023.3	12500.3	11965.5	11407.4	10796.4	10124.0	8853.6	6863.3	4592.1
22.5°	15208.3	14300.4	13592.1	12956.9	12391.8	11809.2	11194.1	10529.7	9801.6	7919.3	5540.0
20°	17296.0	15208.3	14208.5	13454.1	12787.0	12178.2	11553.9	10881.4	10147.8	8749.0	6529.6
17.5°	22919.8	17022.0	14833.4	13936.6	13183.3	12513.2	11865.2	11189.5	10460.1	9495.6	7418.4
15°	30707.4	20809.2	16214.2	14457.9	13562.8	12812.2	12142.1	11462.2	10729.4	9927.3	8050.6
12.5°	45346.9	26199.4	17557.5	14915.2	13914.8	13093.6	12381.3	11683.0	10946.7	10146.5	8572.2
10°	59571.2	33901.6	20886.2	15949.7	14267.3	13348.4	12580.8	11866.9	11127.3	10328.2	9004.1
7.5°	76462.5	43129.7	24244.6	16779.3	14547.8	13550.4	12738.6	12012.0	11269.6	10471.2	9343.4
5°	89011.8	49932.9	26706.3	17384.7	14751.7	13697.0	12852.8	12116.8	11372.2	10574.2	9587.5
2.5°	96755.5	54106.7	28210.1	17753.4	14875.6	13785.8	12922.0	12180.2	11434.2	10636.3	9734.7
0°	99374.7	55514.0	28716.0	17877.2	14917.2	13815.6	12945.1	12201.4	11454.9	10657.1	9783.9
-2.5°	96755.5	54106.7	28210.1	17753.4	14875.6	13785.8	12922.0	12180.2	11434.2	10636.3	9734.7
-5°	89011.8	49932.9	26706.3	17384.7	14751.7	13697.0	12852.8	12116.8	11372.2	10574.2	9587.5
-7.5°	76462.5	43129.7	24244.6	16779.3	14547.8	13550.4	12738.6	12012.0	11269.6	10471.2	9343.4
-10°	59571.2	33901.6	20886.2	15949.7	14267.3	13348.4	12580.8	11866.9	11127.3	10328.2	9004.1
-12.5°	45346.9	26199.4	17557.5	14915.2	13914.8	13093.6	12381.3	11683.0	10946.7	10146.5	8572.2
-15°	30707.4	20809.2	16214.2	14457.9	13562.8	12812.2	12142.1	11462.2	10729.4	9927.3	8050.6
-17.5°	22919.8	17022.0	14833.4	13936.6	13183.3	12513.2	11865.2	11189.5	10460.1	9495.6	7418.4
-20°	17296.0	15208.3	14208.5	13454.1	12787.0	12178.2	11553.9	10881.4	10147.8	8749.0	6529.6



REPORT NUMBER: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15208.3	14300.4	13592.1	12956.9	12391.8	11809.2	11194.1	10529.7	9801.6	7919.3	5540.0
-25°	14208.5	13592.1	13023.3	12500.3	11965.5	11407.4	10796.4	10124.0	8853.6	6863.3	4592.1
-27.5°	13454.1	12956.9	12500.3	12018.2	11511.7	10952.6	10343.4	9536.3	7801.8	5600.8	4378.4
-30°	12787.0	12391.8	11965.5	11511.7	11005.1	10454.4	9849.1	8338.2	6436.2	4555.0	4149.4
-32.5°	12178.2	11809.2	11407.4	10952.6	10454.4	9903.2	8609.4	6944.5	4908.9	4294.7	3990.0
-35°	11553.9	11194.1	10796.4	10343.4	9849.1	8609.4	7115.2	5241.2	4383.0	4053.5	3847.9
-37.5°	10881.4	10529.7	10124.0	9536.3	8338.2	6944.5	5241.2	4412.6	4085.6	3894.9	3627.5
-40°	10147.8	9801.6	8853.6	7801.8	6436.2	4908.9	4383.0	4085.6	3910.6	3679.8	3364.0
-42.5°	8749.0	7919.3	6863.3	5600.8	4555.0	4294.7	4053.5	3894.9	3679.8	3389.7	3057.6
-45°	6529.6	5540.0	4592.1	4378.4	4149.4	3990.0	3847.9	3627.5	3364.0	3057.6	2731.6
-47.5°	4497.6	4331.1	4148.2	4014.2	3896.2	3748.9	3523.6	3284.3	2999.1	2705.0	2422.2
-50°	4054.2	3969.1	3875.4	3754.1	3568.2	3370.0	3137.9	2883.2	2625.6	2369.9	2114.4
-52.5°	3780.3	3647.2	3500.6	3341.0	3148.1	2936.2	2713.0	2494.7	2265.9	2044.8	1821.6
-55°	3327.6	3190.1	3034.5	2865.0	2685.9	2505.6	2314.0	2120.9	1929.8	1730.2	1536.6
-57.5°	2806.0	2681.3	2550.0	2406.7	2251.9	2097.7	1938.8	1771.0	1603.7	1431.9	1256.9
-60°	2314.0	2205.8	2097.7	1979.9	1852.5	1716.7	1581.1	1437.8	1287.0	1149.0	1005.6
-62.5°	1863.3	1775.0	1680.7	1581.1	1473.4	1357.7	1240.7	1127.0	1007.2	883.6	770.0
-65°	1442.8	1368.9	1287.0	1208.4	1123.8	1032.9	935.9	841.5	747.5	648.9	548.9
-67.5°	1063.0	1005.6	942.0	875.5	810.0	739.5	664.2	584.4	512.0	440.8	366.4
-70°	728.4	684.5	635.9	582.5	531.8	481.6	428.1	371.2	311.2	265.1	225.3
-72.5°	443.6	412.9	378.9	341.6	301.1	270.7	242.5	212.6	181.1	147.9	122.5
-75°	230.5	214.8	197.3	178.1	157.2	134.8	121.6	112.4	102.7	92.5	81.8
-77.5°	109.7	105.0	99.8	94.1	87.9	81.2	74.0	68.0	65.1	62.0	58.7
-80°	63.8	62.4	60.9	59.2	57.4	55.4	53.3	51.1	48.7	46.5	44.5
-82.5°	44.5	43.7	42.8	41.8	40.8	39.6	38.4	37.1	35.7	34.3	32.8
-85°	29.2	28.8	28.3	27.8	27.3	26.7	26.1	25.4	24.7	23.9	23.1
-87.5°	16.6	16.4	16.0	15.7	15.3	14.9	14.5	14.0	13.6	13.0	12.5
-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: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-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°	12.0	11.4	10.8	10.2	9.5	8.8	8.2	7.5	6.8	6.1	5.3
85°	22.3	21.4	20.5	19.6	18.7	17.7	16.3	14.9	13.5	12.1	10.6
82.5°	31.2	29.8	28.5	27.1	25.7	24.2	22.7	21.2	19.6	18.0	15.9
80°	42.4	40.2	37.9	35.6	33.2	30.7	28.7	26.7	24.6	22.4	20.3
77.5°	55.3	51.8	48.1	45.0	42.0	38.9	35.7	32.5	29.5	26.8	24.2
75°	70.6	65.4	61.0	56.4	51.7	47.1	43.3	39.3	35.4	31.3	28.0
72.5°	109.4	95.9	81.9	68.4	63.0	57.4	51.6	46.2	41.5	36.8	32.1
70°	183.8	140.7	116.4	99.8	82.8	67.7	61.1	54.5	47.7	42.3	36.8
67.5°	289.7	241.2	191.1	139.4	112.8	93.2	73.2	63.0	55.4	47.7	41.5
65°	462.6	373.2	284.8	227.4	168.5	120.6	98.4	75.8	63.0	54.5	46.2
62.5°	651.9	535.7	434.1	329.5	249.4	183.1	123.3	98.4	73.2	61.1	51.6
60°	862.0	728.4	590.7	470.8	353.9	256.7	183.1	120.6	93.2	67.7	57.4
57.5°	1095.2	928.2	774.7	621.4	483.1	353.9	249.4	168.5	112.8	82.8	63.0
55°	1336.4	1149.5	964.1	790.2	621.4	470.8	329.5	227.4	139.4	99.8	68.4
52.5°	1600.1	1378.4	1167.6	964.1	774.7	590.7	434.1	284.8	191.1	116.4	81.9
50°	1867.6	1621.3	1378.4	1149.5	928.2	728.4	535.7	373.2	241.2	140.7	95.9
47.5°	2137.8	1867.6	1600.1	1336.4	1095.2	862.0	651.9	462.6	289.7	183.8	109.4
45°	2422.2	2114.4	1821.6	1536.6	1256.9	1005.6	770.0	548.9	366.4	225.3	122.5
42.5°	2705.0	2369.9	2044.8	1730.2	1431.9	1149.0	883.6	648.9	440.8	265.1	147.9
40°	2999.1	2625.6	2265.9	1929.8	1603.7	1287.0	1007.2	747.5	512.0	311.2	181.1
37.5°	3284.3	2883.2	2494.7	2120.9	1771.0	1437.8	1127.0	841.5	584.4	371.2	212.6
35°	3523.6	3137.9	2713.0	2314.0	1938.8	1581.1	1240.7	935.9	664.2	428.1	242.5
32.5°	3748.9	3370.0	2936.2	2505.6	2097.7	1716.7	1357.7	1032.9	739.5	481.6	270.7
30°	3896.2	3568.2	3148.1	2685.9	2251.9	1852.5	1473.4	1123.8	810.0	531.8	301.1
27.5°	4014.2	3754.1	3341.0	2865.0	2406.7	1979.9	1581.1	1208.4	875.5	582.5	341.6
25°	4148.2	3875.4	3500.6	3034.5	2550.0	2097.7	1680.7	1287.0	942.0	635.9	378.9
22.5°	4331.1	3969.1	3647.2	3190.1	2681.3	2205.8	1775.0	1368.9	1005.6	684.5	412.9
20°	4497.6	4054.2	3780.3	3327.6	2806.0	2314.0	1863.3	1442.8	1063.0	728.4	443.6
17.5°	4756.1	4159.6	3859.1	3436.6	2921.0	2410.4	1941.9	1508.6	1114.1	767.4	470.8
15°	5477.4	4280.4	3920.5	3532.1	3021.6	2494.7	2010.5	1566.0	1158.6	801.4	494.6
12.5°	6095.5	4383.7	3973.0	3613.6	3107.4	2566.5	2069.0	1614.9	1196.5	830.3	514.8
10°	6606.6	4469.0	4016.3	3680.9	3178.0	2625.6	2117.1	1655.1	1227.6	854.1	531.4
7.5°	7007.5	4535.9	4050.3	3733.5	3233.3	2671.9	2154.7	1686.5	1251.9	872.7	544.3
5°	7295.8	4584.0	4074.6	3771.2	3273.0	2705.0	2181.6	1709.0	1269.3	885.9	553.6
2.5°	7469.6	4612.9	4089.3	3793.9	3296.8	2724.9	2197.8	1722.5	1279.8	893.9	559.1
0°	7527.6	4622.6	4094.2	3801.5	3304.8	2731.6	2203.2	1727.0	1283.3	896.6	561.0
-2.5°	7469.6	4612.9	4089.3	3793.9	3296.8	2724.9	2197.8	1722.5	1279.8	893.9	559.1
-5°	7295.8	4584.0	4074.6	3771.2	3273.0	2705.0	2181.6	1709.0	1269.3	885.9	553.6
-7.5°	7007.5	4535.9	4050.3	3733.5	3233.3	2671.9	2154.7	1686.5	1251.9	872.7	544.3
-10°	6606.6	4469.0	4016.3	3680.9	3178.0	2625.6	2117.1	1655.1	1227.6	854.1	531.4
-12.5°	6095.5	4383.7	3973.0	3613.6	3107.4	2566.5	2069.0	1614.9	1196.5	830.3	514.8
-15°	5477.4	4280.4	3920.5	3532.1	3021.6	2494.7	2010.5	1566.0	1158.6	801.4	494.6
-17.5°	4756.1	4159.6	3859.1	3436.6	2921.0	2410.4	1941.9	1508.6	1114.1	767.4	470.8
-20°	4497.6	4054.2	3780.3	3327.6	2806.0	2314.0	1863.3	1442.8	1063.0	728.4	443.6



REPORT NUMBER: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4331.1	3969.1	3647.2	3190.1	2681.3	2205.8	1775.0	1368.9	1005.6	684.5	412.9
-25°	4148.2	3875.4	3500.6	3034.5	2550.0	2097.7	1680.7	1287.0	942.0	635.9	378.9
-27.5°	4014.2	3754.1	3341.0	2865.0	2406.7	1979.9	1581.1	1208.4	875.5	582.5	341.6
-30°	3896.2	3568.2	3148.1	2685.9	2251.9	1852.5	1473.4	1123.8	810.0	531.8	301.1
-32.5°	3748.9	3370.0	2936.2	2505.6	2097.7	1716.7	1357.7	1032.9	739.5	481.6	270.7
-35°	3523.6	3137.9	2713.0	2314.0	1938.8	1581.1	1240.7	935.9	664.2	428.1	242.5
-37.5°	3284.3	2883.2	2494.7	2120.9	1771.0	1437.8	1127.0	841.5	584.4	371.2	212.6
-40°	2999.1	2625.6	2265.9	1929.8	1603.7	1287.0	1007.2	747.5	512.0	311.2	181.1
-42.5°	2705.0	2369.9	2044.8	1730.2	1431.9	1149.0	883.6	648.9	440.8	265.1	147.9
-45°	2422.2	2114.4	1821.6	1536.6	1256.9	1005.6	770.0	548.9	366.4	225.3	122.5
-47.5°	2137.8	1867.6	1600.1	1336.4	1095.2	862.0	651.9	462.6	289.7	183.8	109.4
-50°	1867.6	1621.3	1378.4	1149.5	928.2	728.4	535.7	373.2	241.2	140.7	95.9
-52.5°	1600.1	1378.4	1167.6	964.1	774.7	590.7	434.1	284.8	191.1	116.4	81.9
-55°	1336.4	1149.5	964.1	790.2	621.4	470.8	329.5	227.4	139.4	99.8	68.4
-57.5°	1095.2	928.2	774.7	621.4	483.1	353.9	249.4	168.5	112.8	82.8	63.0
-60°	862.0	728.4	590.7	470.8	353.9	256.7	183.1	120.6	93.2	67.7	57.4
-62.5°	651.9	535.7	434.1	329.5	249.4	183.1	123.3	98.4	73.2	61.1	51.6
-65°	462.6	373.2	284.8	227.4	168.5	120.6	98.4	75.8	63.0	54.5	46.2
-67.5°	289.7	241.2	191.1	139.4	112.8	93.2	73.2	63.0	55.4	47.7	41.5
-70°	183.8	140.7	116.4	99.8	82.8	67.7	61.1	54.5	47.7	42.3	36.8
-72.5°	109.4	95.9	81.9	68.4	63.0	57.4	51.6	46.2	41.5	36.8	32.1
-75°	70.6	65.4	61.0	56.4	51.7	47.1	43.3	39.3	35.4	31.3	28.0
-77.5°	55.3	51.8	48.1	45.0	42.0	38.9	35.7	32.5	29.5	26.8	24.2
-80°	42.4	40.2	37.9	35.6	33.2	30.7	28.7	26.7	24.6	22.4	20.3
-82.5°	31.2	29.8	28.5	27.1	25.7	24.2	22.7	21.2	19.6	18.0	15.9
-85°	22.3	21.4	20.5	19.6	18.7	17.7	16.3	14.9	13.5	12.1	10.6
-87.5°	12.0	11.4	10.8	10.2	9.5	8.8	8.2	7.5	6.8	6.1	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: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-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°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
85°	9.2	7.7	6.1	4.6	3.1	1.5	0.0
82.5°	13.7	11.5	9.2	6.9	4.6	2.3	0.0
80°	18.1	15.2	12.2	9.2	6.1	3.1	0.0
77.5°	21.4	18.7	15.2	11.5	7.7	3.8	0.0
75°	24.7	21.4	18.1	13.7	9.2	4.6	0.0
72.5°	28.0	24.2	20.3	15.9	10.6	5.3	0.0
70°	31.3	26.8	22.4	18.0	12.1	6.1	0.0
67.5°	35.4	29.5	24.6	19.6	13.5	6.8	0.0
65°	39.3	32.5	26.7	21.2	14.9	7.5	0.0
62.5°	43.3	35.7	28.7	22.7	16.3	8.2	0.0
60°	47.1	38.9	30.7	24.2	17.7	8.8	0.0
57.5°	51.7	42.0	33.2	25.7	18.7	9.5	0.0
55°	56.4	45.0	35.6	27.1	19.6	10.2	0.0
52.5°	61.0	48.1	37.9	28.5	20.5	10.8	0.0
50°	65.4	51.8	40.2	29.8	21.4	11.4	0.0
47.5°	70.6	55.3	42.4	31.2	22.3	12.0	0.0
45°	81.8	58.7	44.5	32.8	23.1	12.5	0.0
42.5°	92.5	62.0	46.5	34.3	23.9	13.0	0.0
40°	102.7	65.1	48.7	35.7	24.7	13.6	0.0
37.5°	112.4	68.0	51.1	37.1	25.4	14.0	0.0
35°	121.6	74.0	53.3	38.4	26.1	14.5	0.0
32.5°	134.8	81.2	55.4	39.6	26.7	14.9	0.0
30°	157.2	87.9	57.4	40.8	27.3	15.3	0.0
27.5°	178.1	94.1	59.2	41.8	27.8	15.7	0.0
25°	197.3	99.8	60.9	42.8	28.3	16.0	0.0
22.5°	214.8	105.0	62.4	43.7	28.8	16.4	0.0
20°	230.5	109.7	63.8	44.5	29.2	16.6	0.0
17.5°	244.5	113.9	65.0	45.2	29.6	16.9	0.0
15°	256.7	117.5	66.0	45.8	29.9	17.1	0.0
12.5°	267.1	120.6	66.9	46.3	30.2	17.3	0.0
10°	275.6	123.2	67.7	46.7	30.4	17.4	0.0
7.5°	282.2	125.1	68.3	47.1	30.6	17.5	0.0
5°	287.0	126.6	68.7	47.3	30.7	17.6	0.0
2.5°	289.8	127.4	68.9	47.5	30.8	17.7	0.0
0°	290.8	127.7	69.0	47.5	30.8	17.7	0.0
-2.5°	289.8	127.4	68.9	47.5	30.8	17.7	0.0
-5°	287.0	126.6	68.7	47.3	30.7	17.6	0.0
-7.5°	282.2	125.1	68.3	47.1	30.6	17.5	0.0
-10°	275.6	123.2	67.7	46.7	30.4	17.4	0.0
-12.5°	267.1	120.6	66.9	46.3	30.2	17.3	0.0
-15°	256.7	117.5	66.0	45.8	29.9	17.1	0.0
-17.5°	244.5	113.9	65.0	45.2	29.6	16.9	0.0
-20°	230.5	109.7	63.8	44.5	29.2	16.6	0.0



REPORT NUMBER: P1306568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-57-80-2S-A

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	214.8	105.0	62.4	43.7	28.8	16.4	0.0
-25°	197.3	99.8	60.9	42.8	28.3	16.0	0.0
-27.5°	178.1	94.1	59.2	41.8	27.8	15.7	0.0
-30°	157.2	87.9	57.4	40.8	27.3	15.3	0.0
-32.5°	134.8	81.2	55.4	39.6	26.7	14.9	0.0
-35°	121.6	74.0	53.3	38.4	26.1	14.5	0.0
-37.5°	112.4	68.0	51.1	37.1	25.4	14.0	0.0
-40°	102.7	65.1	48.7	35.7	24.7	13.6	0.0
-42.5°	92.5	62.0	46.5	34.3	23.9	13.0	0.0
-45°	81.8	58.7	44.5	32.8	23.1	12.5	0.0
-47.5°	70.6	55.3	42.4	31.2	22.3	12.0	0.0
-50°	65.4	51.8	40.2	29.8	21.4	11.4	0.0
-52.5°	61.0	48.1	37.9	28.5	20.5	10.8	0.0
-55°	56.4	45.0	35.6	27.1	19.6	10.2	0.0
-57.5°	51.7	42.0	33.2	25.7	18.7	9.5	0.0
-60°	47.1	38.9	30.7	24.2	17.7	8.8	0.0
-62.5°	43.3	35.7	28.7	22.7	16.3	8.2	0.0
-65°	39.3	32.5	26.7	21.2	14.9	7.5	0.0
-67.5°	35.4	29.5	24.6	19.6	13.5	6.8	0.0
-70°	31.3	26.8	22.4	18.0	12.1	6.1	0.0
-72.5°	28.0	24.2	20.3	15.9	10.6	5.3	0.0
-75°	24.7	21.4	18.1	13.7	9.2	4.6	0.0
-77.5°	21.4	18.7	15.2	11.5	7.7	3.8	0.0
-80°	18.1	15.2	12.2	9.2	6.1	3.1	0.0
-82.5°	13.7	11.5	9.2	6.9	4.6	2.3	0.0
-85°	9.2	7.7	6.1	4.6	3.1	1.5	0.0
-87.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)