

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: EPHEBUS

Report Number: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: EPH-LS16-1200L-40-80-2S

Issue Date: 8/3/2022



**Test Information**

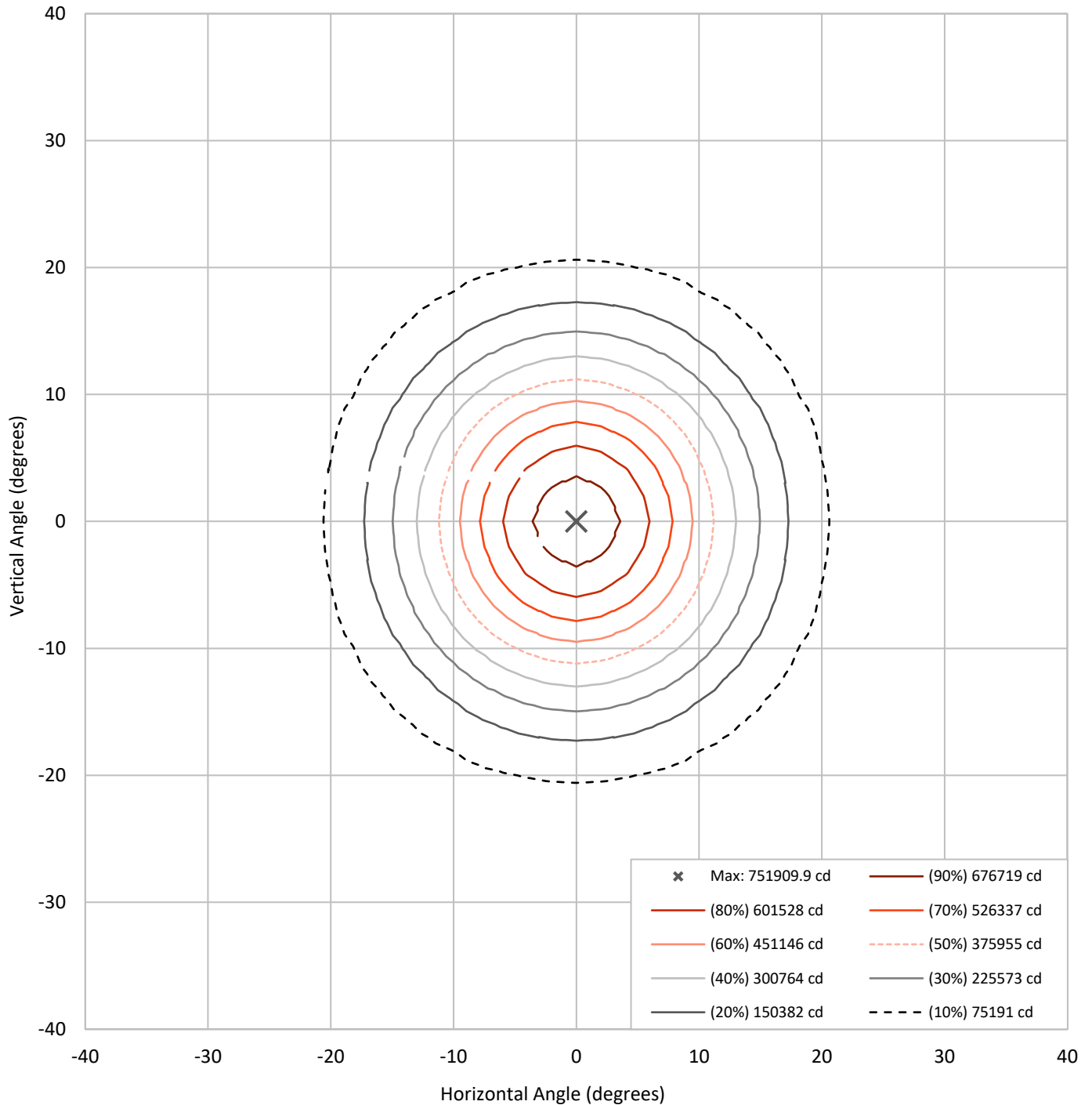
Test Method: LM-79-2019  
Report Number: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2207-700-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 8/3/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: EPHESUS  
Catalog Number: EPH-LS16-1200L-40-80-2S  
Description: EPHESUS LUMASPORT 16 LUMINAIRE  
(16) 4000K, 80 CRI LEDS AND 2S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	147729.2 lumens	Max Intensity:	751909.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.6 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	22.4°H x 22.4°V	Field Angle (10%):	41.2°H x 41.2°V
Beam Lumens:	60831.3 lumens	Field Lumens:	116556.9 lumens
Beam Efficiency:	41.2%	Field Efficiency:	78.9%
Input Watts (W):	1278		
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: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

### Iso-Candela Plot





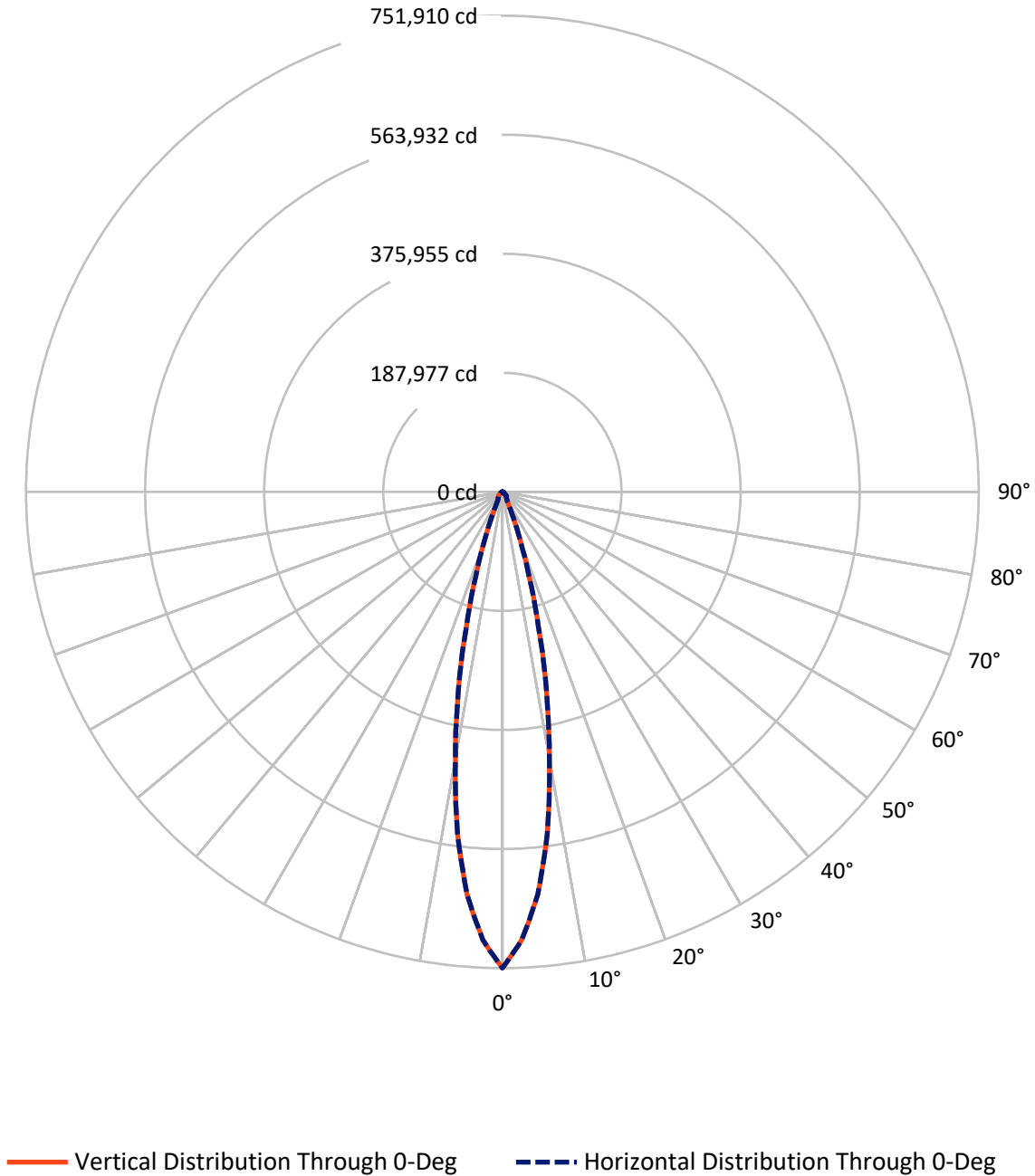
REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

### Lumen Table

90	0.2	1.4	5.5	13.9	18.3	13.9	5.5	1.4	0.2							
80	0.2	1.4	5.5	13.9	18.3	13.9	5.5	1.4	0.2							
70	0.7	0.8	3.4	10.0	19.5	29.9	38.6	43.5	43.5	38.6	29.9	19.5	10.0	3.4	0.8	0.7
60		2.6	11.5	27.7	48.6	70.0	86.1	94.5	94.5	86.1	70.0	48.6	27.7	11.5	2.6	
50	1.8	6.1	22.6	49.7	80.9	129.1	191.3	227.3	227.3	191.3	129.1	80.9	49.7	22.6	6.1	1.8
40		10.4	34.4	70.0	148.4	251.9	311.0	345.6	345.6	311.0	251.9	148.4	70.0	34.4	10.4	
30	4.1	14.4	44.8	101.7	228.0	321.0	517.6	943.5	943.5	517.6	321.0	228.0	101.7	44.8	14.4	4.1
20		17.4	51.6	141.8	264.3	487.5	2269.4	6035.3	6035.3	2269.4	487.5	264.3	141.8	51.6	17.4	
10	5.1	19.0	54.9	163.1	285.0	867.6	5879.9	15819.1	15819.1	5879.9	867.6	285.0	163.1	54.9	19.0	5.1
0		19.0	54.9	163.1	285.0	867.6	5879.9	15819.1	15819.1	5879.9	867.6	285.0	163.1	54.9	19.0	
-10	4.1	17.4	51.6	141.8	264.3	487.5	2269.4	6035.3	6035.3	2269.4	487.5	264.3	141.8	51.6	17.4	4.1
-20		14.4	44.8	101.7	228.0	321.0	517.6	943.5	943.5	517.6	321.0	228.0	101.7	44.8	14.4	
-30	1.8	10.4	34.4	70.0	148.4	251.9	311.0	345.6	345.6	311.0	251.9	148.4	70.0	34.4	10.4	1.8
-40		6.1	22.6	49.7	80.9	129.1	191.3	227.3	227.3	191.3	129.1	80.9	49.7	22.6	6.1	
-50	0.7	2.6	11.5	27.7	48.6	70.0	86.1	94.5	94.5	86.1	70.0	48.6	27.7	11.5	2.6	0.7
-60		0.8	3.4	10.0	19.5	29.9	38.6	43.5	43.5	38.6	29.9	19.5	10.0	3.4	0.8	
-70	0.2	1.4	5.5	13.9	18.3	13.9	5.5	1.4	0.2							
-80		0.2	1.4	5.5	13.9	18.3	13.9	5.5	1.4	0.2						
-90	0.2	1.4	5.5	13.9	18.3	13.9	5.5	1.4	0.2							

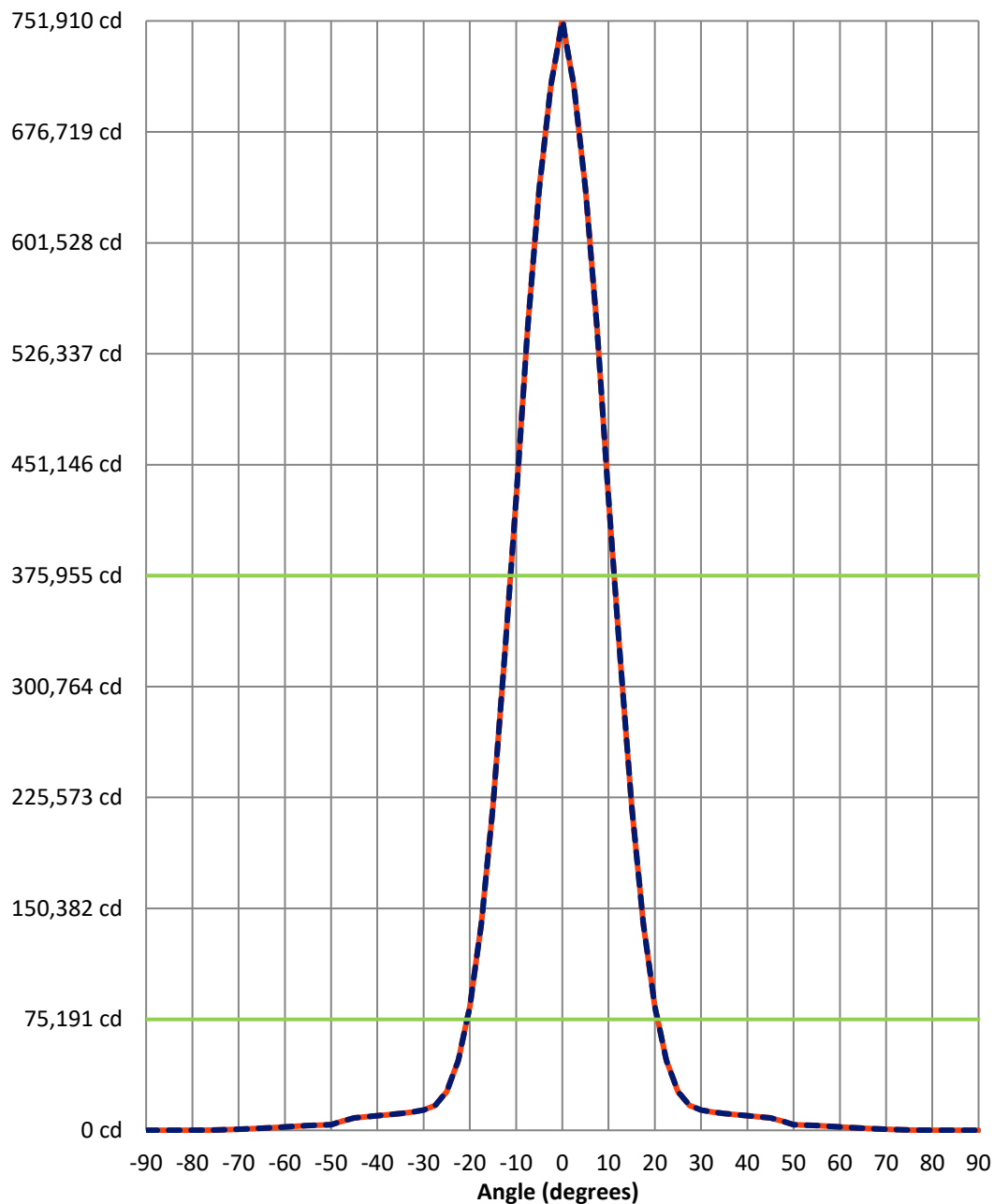
REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

### Luminous Intensity Polar Plot



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

### Luminous Intensity Plot



**Beam:**  
 H Angle: 22.4°  
 V Angle: 22.4°  
 Lumens: 60831.3  
 Efficiency: 41.2%

**Field:**  
 H Angle: 41.2°  
 V Angle: 41.2°  
 Lumens: 116556.9  
 Efficiency: 78.9%

**Spill:**  
 Lumens: 31172.2  
 Efficiency: 21.1%

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

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
85°	0.0	0.8	1.5	2.3	3.1	3.8	4.5	5.3	6.0	6.7	7.4
82.5°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	7.9	9.1	10.5	11.9
80°	0.0	1.5	3.1	4.6	6.1	7.6	9.2	11.1	13.0	14.9	16.8
77.5°	0.0	1.9	3.8	5.7	7.6	9.7	12.1	14.6	17.0	19.3	21.9
75°	0.0	2.3	4.5	6.8	9.2	12.1	15.1	18.0	20.9	24.2	27.5
72.5°	0.0	2.6	5.3	7.9	11.1	14.6	18.0	21.5	25.4	29.3	33.1
70°	0.0	3.0	6.0	9.1	13.0	17.0	20.9	25.4	29.9	34.3	39.3
67.5°	0.0	3.4	6.7	10.5	14.9	19.3	24.2	29.3	34.3	40.0	45.5
65°	0.0	3.7	7.4	11.9	16.8	21.9	27.5	33.1	39.3	45.5	54.5
62.5°	0.0	4.1	8.1	13.3	18.6	24.5	30.7	37.2	44.2	52.8	70.0
60°	0.0	4.4	8.8	14.6	20.4	27.1	33.8	41.4	48.9	66.4	85.2
57.5°	0.0	4.7	9.7	15.9	22.4	29.7	37.3	45.5	59.4	79.8	122.3
55°	0.0	5.0	10.5	17.2	24.4	32.2	40.7	49.5	71.0	99.3	169.0
52.5°	0.0	5.4	11.3	18.4	26.4	34.6	44.0	58.7	82.3	140.2	214.5
50°	0.0	5.7	12.1	19.6	28.2	37.3	47.2	68.3	100.3	179.9	287.8
47.5°	0.0	5.9	12.9	20.8	30.0	39.9	51.0	77.5	134.4	218.3	362.3
45°	0.0	6.2	13.6	22.1	31.8	42.4	58.6	86.4	167.3	282.2	434.1
42.5°	0.0	6.5	14.3	23.4	33.4	44.8	66.0	106.0	198.8	344.1	517.5
40°	0.0	6.7	15.0	24.5	35.1	47.0	72.9	132.3	236.2	403.4	599.8
37.5°	0.0	7.0	15.7	25.7	36.8	49.2	79.6	157.3	286.2	463.7	678.2
35°	0.0	7.2	16.3	26.7	38.5	53.3	85.8	181.0	333.5	530.3	757.5
32.5°	0.0	7.4	16.8	27.7	40.0	58.2	95.6	203.3	378.1	593.0	840.0
30°	0.0	7.6	17.4	28.7	41.4	62.8	113.4	227.7	419.8	651.8	917.2
27.5°	0.0	7.8	17.9	29.5	42.7	67.0	129.9	261.5	462.2	706.5	989.2
25°	0.0	8.0	18.3	30.3	44.0	71.0	145.1	292.5	506.6	762.7	1056.0
22.5°	0.0	8.1	18.7	31.1	45.1	74.5	159.0	320.9	547.2	816.8	1125.9
20°	0.0	8.3	19.1	31.7	46.1	77.7	171.5	346.4	583.8	865.6	1189.0
17.5°	0.0	8.4	19.4	32.3	47.0	80.6	182.5	369.1	616.4	908.9	1245.1
15°	0.0	8.5	19.7	32.8	47.7	83.1	192.2	388.9	644.7	946.8	1294.1
12.5°	0.0	8.6	19.9	33.2	48.4	85.2	200.4	405.7	668.8	979.0	1335.8
10°	0.0	8.7	20.1	33.6	48.9	86.9	207.2	419.5	688.7	1005.5	1370.1
7.5°	0.0	8.7	20.3	33.8	49.4	88.3	212.4	430.3	704.1	1026.1	1396.9
5°	0.0	8.8	20.4	34.0	49.7	89.2	216.2	438.0	715.2	1040.9	1416.1
2.5°	0.0	8.8	20.5	34.2	49.8	89.8	218.4	442.7	721.9	1049.8	1427.6
0°	0.0	8.8	20.5	34.2	49.9	90.0	219.2	444.2	724.1	1052.8	1431.5
-2.5°	0.0	8.8	20.5	34.2	49.8	89.8	218.4	442.7	721.9	1049.8	1427.6
-5°	0.0	8.8	20.4	34.0	49.7	89.2	216.2	438.0	715.2	1040.9	1416.1
-7.5°	0.0	8.7	20.3	33.8	49.4	88.3	212.4	430.3	704.1	1026.1	1396.9
-10°	0.0	8.7	20.1	33.6	48.9	86.9	207.2	419.5	688.7	1005.5	1370.1
-12.5°	0.0	8.6	19.9	33.2	48.4	85.2	200.4	405.7	668.8	979.0	1335.8
-15°	0.0	8.5	19.7	32.8	47.7	83.1	192.2	388.9	644.7	946.8	1294.1
-17.5°	0.0	8.4	19.4	32.3	47.0	80.6	182.5	369.1	616.4	908.9	1245.1
-20°	0.0	8.3	19.1	31.7	46.1	77.7	171.5	346.4	583.8	865.6	1189.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.1	18.7	31.1	45.1	74.5	159.0	320.9	547.2	816.8	1125.9
-25°	0.0	8.0	18.3	30.3	44.0	71.0	145.1	292.5	506.6	762.7	1056.0
-27.5°	0.0	7.8	17.9	29.5	42.7	67.0	129.9	261.5	462.2	706.5	989.2
-30°	0.0	7.6	17.4	28.7	41.4	62.8	113.4	227.7	419.8	651.8	917.2
-32.5°	0.0	7.4	16.8	27.7	40.0	58.2	95.6	203.3	378.1	593.0	840.0
-35°	0.0	7.2	16.3	26.7	38.5	53.3	85.8	181.0	333.5	530.3	757.5
-37.5°	0.0	7.0	15.7	25.7	36.8	49.2	79.6	157.3	286.2	463.7	678.2
-40°	0.0	6.7	15.0	24.5	35.1	47.0	72.9	132.3	236.2	403.4	599.8
-42.5°	0.0	6.5	14.3	23.4	33.4	44.8	66.0	106.0	198.8	344.1	517.5
-45°	0.0	6.2	13.6	22.1	31.8	42.4	58.6	86.4	167.3	282.2	434.1
-47.5°	0.0	5.9	12.9	20.8	30.0	39.9	51.0	77.5	134.4	218.3	362.3
-50°	0.0	5.7	12.1	19.6	28.2	37.3	47.2	68.3	100.3	179.9	287.8
-52.5°	0.0	5.4	11.3	18.4	26.4	34.6	44.0	58.7	82.3	140.2	214.5
-55°	0.0	5.0	10.5	17.2	24.4	32.2	40.7	49.5	71.0	99.3	169.0
-57.5°	0.0	4.7	9.7	15.9	22.4	29.7	37.3	45.5	59.4	79.8	122.3
-60°	0.0	4.4	8.8	14.6	20.4	27.1	33.8	41.4	48.9	66.4	85.2
-62.5°	0.0	4.1	8.1	13.3	18.6	24.5	30.7	37.2	44.2	52.8	70.0
-65°	0.0	3.7	7.4	11.9	16.8	21.9	27.5	33.1	39.3	45.5	54.5
-67.5°	0.0	3.4	6.7	10.5	14.9	19.3	24.2	29.3	34.3	40.0	45.5
-70°	0.0	3.0	6.0	9.1	13.0	17.0	20.9	25.4	29.9	34.3	39.3
-72.5°	0.0	2.6	5.3	7.9	11.1	14.6	18.0	21.5	25.4	29.3	33.1
-75°	0.0	2.3	4.5	6.8	9.2	12.1	15.1	18.0	20.9	24.2	27.5
-77.5°	0.0	1.9	3.8	5.7	7.6	9.7	12.1	14.6	17.0	19.3	21.9
-80°	0.0	1.5	3.1	4.6	6.1	7.6	9.2	11.1	13.0	14.9	16.8
-82.5°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	7.9	9.1	10.5	11.9
-85°	0.0	0.8	1.5	2.3	3.1	3.8	4.5	5.3	6.0	6.7	7.4
-87.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
-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: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**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°	4.1	4.4	4.7	5.0	5.4	5.7	5.9	6.2	6.5	6.7	7.0
85°	8.1	8.8	9.7	10.5	11.3	12.1	12.9	13.6	14.3	15.0	15.7
82.5°	13.3	14.6	15.9	17.2	18.4	19.6	20.8	22.1	23.4	24.5	25.7
80°	18.6	20.4	22.4	24.4	26.4	28.2	30.0	31.8	33.4	35.1	36.8
77.5°	24.5	27.1	29.7	32.2	34.6	37.3	39.9	42.4	44.8	47.0	49.2
75°	30.7	33.8	37.3	40.7	44.0	47.2	51.0	58.6	66.0	72.9	79.6
72.5°	37.2	41.4	45.5	49.5	58.7	68.3	77.5	86.4	106.0	132.3	157.3
70°	44.2	48.9	59.4	71.0	82.3	100.3	134.4	167.3	198.8	236.2	286.2
67.5°	52.8	66.4	79.8	99.3	140.2	179.9	218.3	282.2	344.1	403.4	463.7
65°	70.0	85.2	122.3	169.0	214.5	287.8	362.3	434.1	517.5	599.8	678.2
62.5°	87.0	133.9	186.4	251.4	338.5	423.1	520.0	618.5	713.3	818.1	919.9
60°	133.9	192.2	271.8	369.1	468.9	583.8	695.3	816.8	938.6	1056.0	1184.7
57.5°	186.4	271.8	379.4	494.6	622.4	751.0	892.9	1030.3	1179.6	1326.2	1469.0
55°	251.4	369.1	494.6	635.4	781.5	939.0	1098.1	1269.0	1434.2	1604.4	1767.4
52.5°	338.5	468.9	622.4	781.5	954.5	1133.9	1323.2	1512.2	1702.5	1891.2	2086.4
50°	423.1	583.8	751.0	939.0	1133.9	1341.3	1551.4	1761.9	1979.9	2198.2	2421.4
47.5°	520.0	695.3	892.9	1098.1	1323.2	1551.4	1781.8	2024.6	2266.0	2523.0	2772.6
45°	618.5	816.8	1030.3	1269.0	1512.2	1761.9	2024.6	2288.7	2574.1	2844.3	3083.6
42.5°	713.3	938.6	1179.6	1434.2	1702.5	1979.9	2266.0	2574.1	2867.7	3131.2	3330.0
40°	818.1	1056.0	1326.2	1604.4	1891.2	2198.2	2523.0	2844.3	3131.2	3344.9	3510.5
37.5°	919.9	1184.7	1469.0	1767.4	2086.4	2421.4	2772.6	3083.6	3330.0	3510.5	3699.0
35°	1016.6	1307.0	1612.2	1932.2	2272.8	2644.5	2989.3	3285.6	3480.1	3682.2	4344.9
32.5°	1116.3	1422.7	1747.6	2095.7	2467.8	2849.8	3194.0	3420.0	3632.2	4061.8	5795.9
30°	1215.0	1538.5	1879.2	2249.7	2653.4	3029.8	3331.3	3549.9	3779.7	5362.9	7046.3
27.5°	1307.0	1647.2	2011.4	2405.5	2823.5	3198.6	3442.9	3679.6	4651.3	6547.5	8160.3
25°	1392.0	1747.6	2133.7	2554.0	2968.4	3311.6	3549.2	3800.7	5726.7	7525.5	8685.9
22.5°	1472.4	1839.8	2245.8	2690.2	3101.6	3400.2	3652.8	4599.4	6656.8	8405.9	9038.2
20°	1547.7	1932.2	2353.8	2811.3	3222.4	3480.8	3747.2	5442.5	7428.2	8706.5	9359.2
17.5°	1614.7	2014.5	2454.5	2910.3	3296.2	3555.7	3931.7	6199.6	8122.5	8977.7	9648.3
15°	1673.3	2086.4	2542.6	2997.0	3354.3	3624.1	4546.2	6778.9	8515.0	9216.6	9904.5
12.5°	1723.1	2147.8	2617.7	3071.1	3404.0	3682.6	5072.7	7263.9	8705.4	9420.5	10121.6
10°	1764.1	2198.2	2679.6	3132.1	3444.9	3731.0	5508.0	7665.5	8863.2	9590.0	10302.4
7.5°	1796.2	2237.7	2728.0	3179.9	3477.0	3768.9	5849.6	7980.9	8987.4	9723.4	10445.0
5°	1819.2	2266.0	2762.7	3214.2	3500.1	3796.1	6095.2	8207.9	9076.8	9819.7	10548.1
2.5°	1833.0	2283.0	2783.6	3234.8	3514.0	3812.5	6243.2	8344.8	9130.8	9877.9	10610.4
0°	1837.6	2288.7	2790.6	3241.7	3518.6	3818.0	6292.6	8390.5	9148.8	9897.3	10631.2
-2.5°	1833.0	2283.0	2783.6	3234.8	3514.0	3812.5	6243.2	8344.8	9130.8	9877.9	10610.4
-5°	1819.2	2266.0	2762.7	3214.2	3500.1	3796.1	6095.2	8207.9	9076.8	9819.7	10548.1
-7.5°	1796.2	2237.7	2728.0	3179.9	3477.0	3768.9	5849.6	7980.9	8987.4	9723.4	10445.0
-10°	1764.1	2198.2	2679.6	3132.1	3444.9	3731.0	5508.0	7665.5	8863.2	9590.0	10302.4
-12.5°	1723.1	2147.8	2617.7	3071.1	3404.0	3682.6	5072.7	7263.9	8705.4	9420.5	10121.6
-15°	1673.3	2086.4	2542.6	2997.0	3354.3	3624.1	4546.2	6778.9	8515.0	9216.6	9904.5
-17.5°	1614.7	2014.5	2454.5	2910.3	3296.2	3555.7	3931.7	6199.6	8122.5	8977.7	9648.3
-20°	1547.7	1932.2	2353.8	2811.3	3222.4	3480.8	3747.2	5442.5	7428.2	8706.5	9359.2

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1472.4	1839.8	2245.8	2690.2	3101.6	3400.2	3652.8	4599.4	6656.8	8405.9	9038.2
-25°	1392.0	1747.6	2133.7	2554.0	2968.4	3311.6	3549.2	3800.7	5726.7	7525.5	8685.9
-27.5°	1307.0	1647.2	2011.4	2405.5	2823.5	3198.6	3442.9	3679.6	4651.3	6547.5	8160.3
-30°	1215.0	1538.5	1879.2	2249.7	2653.4	3029.8	3331.3	3549.9	3779.7	5362.9	7046.3
-32.5°	1116.3	1422.7	1747.6	2095.7	2467.8	2849.8	3194.0	3420.0	3632.2	4061.8	5795.9
-35°	1016.6	1307.0	1612.2	1932.2	2272.8	2644.5	2989.3	3285.6	3480.1	3682.2	4344.9
-37.5°	919.9	1184.7	1469.0	1767.4	2086.4	2421.4	2772.6	3083.6	3330.0	3510.5	3699.0
-40°	818.1	1056.0	1326.2	1604.4	1891.2	2198.2	2523.0	2844.3	3131.2	3344.9	3510.5
-42.5°	713.3	938.6	1179.6	1434.2	1702.5	1979.9	2266.0	2574.1	2867.7	3131.2	3330.0
-45°	618.5	816.8	1030.3	1269.0	1512.2	1761.9	2024.6	2288.7	2574.1	2844.3	3083.6
-47.5°	520.0	695.3	892.9	1098.1	1323.2	1551.4	1781.8	2024.6	2266.0	2523.0	2772.6
-50°	423.1	583.8	751.0	939.0	1133.9	1341.3	1551.4	1761.9	1979.9	2198.2	2421.4
-52.5°	338.5	468.9	622.4	781.5	954.5	1133.9	1323.2	1512.2	1702.5	1891.2	2086.4
-55°	251.4	369.1	494.6	635.4	781.5	939.0	1098.1	1269.0	1434.2	1604.4	1767.4
-57.5°	186.4	271.8	379.4	494.6	622.4	751.0	892.9	1030.3	1179.6	1326.2	1469.0
-60°	133.9	192.2	271.8	369.1	468.9	583.8	695.3	816.8	938.6	1056.0	1184.7
-62.5°	87.0	133.9	186.4	251.4	338.5	423.1	520.0	618.5	713.3	818.1	919.9
-65°	70.0	85.2	122.3	169.0	214.5	287.8	362.3	434.1	517.5	599.8	678.2
-67.5°	52.8	66.4	79.8	99.3	140.2	179.9	218.3	282.2	344.1	403.4	463.7
-70°	44.2	48.9	59.4	71.0	82.3	100.3	134.4	167.3	198.8	236.2	286.2
-72.5°	37.2	41.4	45.5	49.5	58.7	68.3	77.5	86.4	106.0	132.3	157.3
-75°	30.7	33.8	37.3	40.7	44.0	47.2	51.0	58.6	66.0	72.9	79.6
-77.5°	24.5	27.1	29.7	32.2	34.6	37.3	39.9	42.4	44.8	47.0	49.2
-80°	18.6	20.4	22.4	24.4	26.4	28.2	30.0	31.8	33.4	35.1	36.8
-82.5°	13.3	14.6	15.9	17.2	18.4	19.6	20.8	22.1	23.4	24.5	25.7
-85°	8.1	8.8	9.7	10.5	11.3	12.1	12.9	13.6	14.3	15.0	15.7
-87.5°	4.1	4.4	4.7	5.0	5.4	5.7	5.9	6.2	6.5	6.7	7.0
-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: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**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°	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.4	8.5	8.6	8.7
85°	16.3	16.8	17.4	17.9	18.3	18.7	19.1	19.4	19.7	19.9	20.1
82.5°	26.7	27.7	28.7	29.5	30.3	31.1	31.7	32.3	32.8	33.2	33.6
80°	38.5	40.0	41.4	42.7	44.0	45.1	46.1	47.0	47.7	48.4	48.9
77.5°	53.3	58.2	62.8	67.0	71.0	74.5	77.7	80.6	83.1	85.2	86.9
75°	85.8	95.6	113.4	129.9	145.1	159.0	171.5	182.5	192.2	200.4	207.2
72.5°	181.0	203.3	227.7	261.5	292.5	320.9	346.4	369.1	388.9	405.7	419.5
70°	333.5	378.1	419.8	462.2	506.6	547.2	583.8	616.4	644.7	668.8	688.7
67.5°	530.3	593.0	651.8	706.5	762.7	816.8	865.6	908.9	946.8	979.0	1005.5
65°	757.5	840.0	917.2	989.2	1056.0	1125.9	1189.0	1245.1	1294.1	1335.8	1370.1
62.5°	1016.6	1116.3	1215.0	1307.0	1392.0	1472.4	1547.7	1614.7	1673.3	1723.1	1764.1
60°	1307.0	1422.7	1538.5	1647.2	1747.6	1839.8	1932.2	2014.5	2086.4	2147.8	2198.2
57.5°	1612.2	1747.6	1879.2	2011.4	2133.7	2245.8	2353.8	2454.5	2542.6	2617.7	2679.6
55°	1932.2	2095.7	2249.7	2405.5	2554.0	2690.2	2811.3	2910.3	2997.0	3071.1	3132.1
52.5°	2272.8	2467.8	2653.4	2823.5	2968.4	3101.6	3222.4	3296.2	3354.3	3404.0	3444.9
50°	2644.5	2849.8	3029.8	3198.6	3311.6	3400.2	3480.8	3555.7	3624.1	3682.6	3731.0
47.5°	2989.3	3194.0	3331.3	3442.9	3549.2	3652.8	3747.2	3931.7	4546.2	5072.7	5508.0
45°	3285.6	3420.0	3549.9	3679.6	3800.7	4599.4	5442.5	6199.6	6778.9	7263.9	7665.5
42.5°	3480.1	3632.2	3779.7	4651.3	5726.7	6656.8	7428.2	8122.5	8515.0	8705.4	8863.2
40°	3682.2	4061.8	5362.9	6547.5	7525.5	8405.9	8706.5	8977.7	9216.6	9420.5	9590.0
37.5°	4344.9	5795.9	7046.3	8160.3	8685.9	9038.2	9359.2	9648.3	9904.5	10121.6	10302.4
35°	5941.3	7298.5	8447.1	8876.4	9279.5	9652.6	9994.6	10300.7	10572.9	10817.7	11024.6
32.5°	7298.5	8494.1	8972.8	9426.0	9852.7	10245.7	10608.4	10954.5	11264.4	11567.5	11851.0
30°	8447.1	8972.8	9475.3	9953.1	10399.3	10828.6	11238.3	11667.3	12089.6	12495.6	12938.2
27.5°	8876.4	9426.0	9953.1	10451.1	10941.0	11415.3	11968.6	12522.9	13177.6	13751.9	14844.0
25°	9279.5	9852.7	10399.3	10941.0	11489.2	12122.2	12864.4	13649.3	15123.1	16540.4	19482.3
22.5°	9652.6	10245.7	10828.6	11415.3	12122.2	12979.8	14061.6	15975.4	19415.7	24081.3	30355.0
20°	9994.6	10608.4	11238.3	11968.6	12864.4	14061.6	16264.5	21242.5	27832.3	39394.2	50810.4
17.5°	10300.7	10954.5	11667.3	12522.9	13649.3	15975.4	21242.5	30042.2	44080.6	63656.6	82894.8
15°	10572.9	11264.4	12089.6	13177.6	15123.1	19415.7	27832.3	44080.6	68062.9	96823.8	129989.3
12.5°	10817.7	11567.5	12495.6	13751.9	16540.4	24081.3	39394.2	63656.6	96823.8	138044.5	189453.8
10°	11024.6	11851.0	12938.2	14844.0	19482.3	30355.0	50810.4	82894.8	129989.3	189453.8	254812.9
7.5°	11188.2	12075.8	13290.5	15719.4	22389.2	37643.1	64908.9	106758.9	164861.9	237601.6	321476.2
5°	11306.5	12238.9	13546.7	16358.2	24520.0	43016.2	75383.3	125138.9	194686.6	281524.1	376645.0
2.5°	11378.2	12337.8	13702.3	16747.2	25821.6	46312.5	81846.6	136573.6	213465.0	310451.2	414274.1
0°	11402.2	12370.9	13754.5	16877.8	26259.5	47424.0	84032.8	140458.8	219888.9	320527.5	427605.5
-2.5°	11378.2	12337.8	13702.3	16747.2	25821.6	46312.5	81846.6	136573.6	213465.0	310451.2	414274.1
-5°	11306.5	12238.9	13546.7	16358.2	24520.0	43016.2	75383.3	125138.9	194686.6	281524.1	376645.0
-7.5°	11188.2	12075.8	13290.5	15719.4	22389.2	37643.1	64908.9	106758.9	164861.9	237601.6	321476.2
-10°	11024.6	11851.0	12938.2	14844.0	19482.3	30355.0	50810.4	82894.8	129989.3	189453.8	254812.9
-12.5°	10817.7	11567.5	12495.6	13751.9	16540.4	24081.3	39394.2	63656.6	96823.8	138044.5	189453.8
-15°	10572.9	11264.4	12089.6	13177.6	15123.1	19415.7	27832.3	44080.6	68062.9	96823.8	129989.3
-17.5°	10300.7	10954.5	11667.3	12522.9	13649.3	15975.4	21242.5	30042.2	44080.6	63656.6	82894.8
-20°	9994.6	10608.4	11238.3	11968.6	12864.4	14061.6	16264.5	21242.5	27832.3	39394.2	50810.4



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9652.6	10245.7	10828.6	11415.3	12122.2	12979.8	14061.6	15975.4	19415.7	24081.3	30355.0
-25°	9279.5	9852.7	10399.3	10941.0	11489.2	12122.2	12864.4	13649.3	15123.1	16540.4	19482.3
-27.5°	8876.4	9426.0	9953.1	10451.1	10941.0	11415.3	11968.6	12522.9	13177.6	13751.9	14844.0
-30°	8447.1	8972.8	9475.3	9953.1	10399.3	10828.6	11238.3	11667.3	12089.6	12495.6	12938.2
-32.5°	7298.5	8494.1	8972.8	9426.0	9852.7	10245.7	10608.4	10954.5	11264.4	11567.5	11851.0
-35°	5941.3	7298.5	8447.1	8876.4	9279.5	9652.6	9994.6	10300.7	10572.9	10817.7	11024.6
-37.5°	4344.9	5795.9	7046.3	8160.3	8685.9	9038.2	9359.2	9648.3	9904.5	10121.6	10302.4
-40°	3682.2	4061.8	5362.9	6547.5	7525.5	8405.9	8706.5	8977.7	9216.6	9420.5	9590.0
-42.5°	3480.1	3632.2	3779.7	4651.3	5726.7	6656.8	7428.2	8122.5	8515.0	8705.4	8863.2
-45°	3285.6	3420.0	3549.9	3679.6	3800.7	4599.4	5442.5	6199.6	6778.9	7263.9	7665.5
-47.5°	2989.3	3194.0	3331.3	3442.9	3549.2	3652.8	3747.2	3931.7	4546.2	5072.7	5508.0
-50°	2644.5	2849.8	3029.8	3198.6	3311.6	3400.2	3480.8	3555.7	3624.1	3682.6	3731.0
-52.5°	2272.8	2467.8	2653.4	2823.5	2968.4	3101.6	3222.4	3296.2	3354.3	3404.0	3444.9
-55°	1932.2	2095.7	2249.7	2405.5	2554.0	2690.2	2811.3	2910.3	2997.0	3071.1	3132.1
-57.5°	1612.2	1747.6	1879.2	2011.4	2133.7	2245.8	2353.8	2454.5	2542.6	2617.7	2679.6
-60°	1307.0	1422.7	1538.5	1647.2	1747.6	1839.8	1932.2	2014.5	2086.4	2147.8	2198.2
-62.5°	1016.6	1116.3	1215.0	1307.0	1392.0	1472.4	1547.7	1614.7	1673.3	1723.1	1764.1
-65°	757.5	840.0	917.2	989.2	1056.0	1125.9	1189.0	1245.1	1294.1	1335.8	1370.1
-67.5°	530.3	593.0	651.8	706.5	762.7	816.8	865.6	908.9	946.8	979.0	1005.5
-70°	333.5	378.1	419.8	462.2	506.6	547.2	583.8	616.4	644.7	668.8	688.7
-72.5°	181.0	203.3	227.7	261.5	292.5	320.9	346.4	369.1	388.9	405.7	419.5
-75°	85.8	95.6	113.4	129.9	145.1	159.0	171.5	182.5	192.2	200.4	207.2
-77.5°	53.3	58.2	62.8	67.0	71.0	74.5	77.7	80.6	83.1	85.2	86.9
-80°	38.5	40.0	41.4	42.7	44.0	45.1	46.1	47.0	47.7	48.4	48.9
-82.5°	26.7	27.7	28.7	29.5	30.3	31.1	31.7	32.3	32.8	33.2	33.6
-85°	16.3	16.8	17.4	17.9	18.3	18.7	19.1	19.4	19.7	19.9	20.1
-87.5°	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.4	8.5	8.6	8.7
-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: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.7	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.4
85°	20.3	20.4	20.5	20.5	20.5	20.4	20.3	20.1	19.9	19.7	19.4
82.5°	33.8	34.0	34.2	34.2	34.2	34.0	33.8	33.6	33.2	32.8	32.3
80°	49.4	49.7	49.8	49.9	49.8	49.7	49.4	48.9	48.4	47.7	47.0
77.5°	88.3	89.2	89.8	90.0	89.8	89.2	88.3	86.9	85.2	83.1	80.6
75°	212.4	216.2	218.4	219.2	218.4	216.2	212.4	207.2	200.4	192.2	182.5
72.5°	430.3	438.0	442.7	444.2	442.7	438.0	430.3	419.5	405.7	388.9	369.1
70°	704.1	715.2	721.9	724.1	721.9	715.2	704.1	688.7	668.8	644.7	616.4
67.5°	1026.1	1040.9	1049.8	1052.8	1049.8	1040.9	1026.1	1005.5	979.0	946.8	908.9
65°	1396.9	1416.1	1427.6	1431.5	1427.6	1416.1	1396.9	1370.1	1335.8	1294.1	1245.1
62.5°	1796.2	1819.2	1833.0	1837.6	1833.0	1819.2	1796.2	1764.1	1723.1	1673.3	1614.7
60°	2237.7	2266.0	2283.0	2288.7	2283.0	2266.0	2237.7	2198.2	2147.8	2086.4	2014.5
57.5°	2728.0	2762.7	2783.6	2790.6	2783.6	2762.7	2728.0	2679.6	2617.7	2542.6	2454.5
55°	3179.9	3214.2	3234.8	3241.7	3234.8	3214.2	3179.9	3132.1	3071.1	2997.0	2910.3
52.5°	3477.0	3500.1	3514.0	3518.6	3514.0	3500.1	3477.0	3444.9	3404.0	3354.3	3296.2
50°	3768.9	3796.1	3812.5	3818.0	3812.5	3796.1	3768.9	3731.0	3682.6	3624.1	3555.7
47.5°	5849.6	6095.2	6243.2	6292.6	6243.2	6095.2	5849.6	5508.0	5072.7	4546.2	3931.7
45°	7980.9	8207.9	8344.8	8390.5	8344.8	8207.9	7980.9	7665.5	7263.9	6778.9	6199.6
42.5°	8987.4	9076.8	9130.8	9148.8	9130.8	9076.8	8987.4	8863.2	8705.4	8515.0	8122.5
40°	9723.4	9819.7	9877.9	9897.3	9877.9	9819.7	9723.4	9590.0	9420.5	9216.6	8977.7
37.5°	10445.0	10548.1	10610.4	10631.2	10610.4	10548.1	10445.0	10302.4	10121.6	9904.5	9648.3
35°	11188.2	11306.5	11378.2	11402.2	11378.2	11306.5	11188.2	11024.6	10817.7	10572.9	10300.7
32.5°	12075.8	12238.9	12337.8	12370.9	12337.8	12238.9	12075.8	11851.0	11567.5	11264.4	10954.5
30°	13290.5	13546.7	13702.3	13754.5	13702.3	13546.7	13290.5	12938.2	12495.6	12089.6	11667.3
27.5°	15719.4	16358.2	16747.2	16877.8	16747.2	16358.2	15719.4	14844.0	13751.9	13177.6	12522.9
25°	22389.2	24520.0	25821.6	26259.5	25821.6	24520.0	22389.2	19482.3	16540.4	15123.1	13649.3
22.5°	37643.1	43016.2	46312.5	47424.0	46312.5	43016.2	37643.1	30355.0	24081.3	19415.7	15975.4
20°	64908.9	75383.3	81846.6	84032.8	81846.6	75383.3	64908.9	50810.4	39394.2	27832.3	21242.5
17.5°	106758.9	125138.9	136573.6	140458.8	136573.6	125138.9	106758.9	82894.8	63656.6	44080.6	30042.2
15°	164861.9	194686.6	213465.0	219888.9	213465.0	194686.6	164861.9	129989.3	96823.8	68062.9	44080.6
12.5°	237601.6	281524.1	310451.2	320527.5	310451.2	281524.1	237601.6	189453.8	138044.5	96823.8	63656.6
10°	321476.2	376645.0	414274.1	427605.5	414274.1	376645.0	321476.2	254812.9	189453.8	129989.3	82894.8
7.5°	401727.9	472885.1	525014.8	543564.2	525014.8	472885.1	401727.9	321476.2	237601.6	164861.9	106758.9
5°	472885.1	563492.5	619333.1	638073.6	619333.1	563492.5	472885.1	376645.0	281524.1	194686.6	125138.9
2.5°	525014.8	619333.1	679153.4	707699.3	679153.4	619333.1	525014.8	414274.1	310451.2	213465.0	136573.6
0°	543564.2	638073.6	707699.3	751909.9	707699.3	638073.6	543564.2	427605.5	320527.5	219888.9	140458.8
-2.5°	525014.8	619333.1	679153.4	707699.3	679153.4	619333.1	525014.8	414274.1	310451.2	213465.0	136573.6
-5°	472885.1	563492.5	619333.1	638073.6	619333.1	563492.5	472885.1	376645.0	281524.1	194686.6	125138.9
-7.5°	401727.9	472885.1	525014.8	543564.2	525014.8	472885.1	401727.9	321476.2	237601.6	164861.9	106758.9
-10°	321476.2	376645.0	414274.1	427605.5	414274.1	376645.0	321476.2	254812.9	189453.8	129989.3	82894.8
-12.5°	237601.6	281524.1	310451.2	320527.5	310451.2	281524.1	237601.6	189453.8	138044.5	96823.8	63656.6
-15°	164861.9	194686.6	213465.0	219888.9	213465.0	194686.6	164861.9	129989.3	96823.8	68062.9	44080.6
-17.5°	106758.9	125138.9	136573.6	140458.8	136573.6	125138.9	106758.9	82894.8	63656.6	44080.6	30042.2
-20°	64908.9	75383.3	81846.6	84032.8	81846.6	75383.3	64908.9	50810.4	39394.2	27832.3	21242.5



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	37643.1	43016.2	46312.5	47424.0	46312.5	43016.2	37643.1	30355.0	24081.3	19415.7	15975.4
-25°	22389.2	24520.0	25821.6	26259.5	25821.6	24520.0	22389.2	19482.3	16540.4	15123.1	13649.3
-27.5°	15719.4	16358.2	16747.2	16877.8	16747.2	16358.2	15719.4	14844.0	13751.9	13177.6	12522.9
-30°	13290.5	13546.7	13702.3	13754.5	13702.3	13546.7	13290.5	12938.2	12495.6	12089.6	11667.3
-32.5°	12075.8	12238.9	12337.8	12370.9	12337.8	12238.9	12075.8	11851.0	11567.5	11264.4	10954.5
-35°	11188.2	11306.5	11378.2	11402.2	11378.2	11306.5	11188.2	11024.6	10817.7	10572.9	10300.7
-37.5°	10445.0	10548.1	10610.4	10631.2	10610.4	10548.1	10445.0	10302.4	10121.6	9904.5	9648.3
-40°	9723.4	9819.7	9877.9	9897.3	9877.9	9819.7	9723.4	9590.0	9420.5	9216.6	8977.7
-42.5°	8987.4	9076.8	9130.8	9148.8	9130.8	9076.8	8987.4	8863.2	8705.4	8515.0	8122.5
-45°	7980.9	8207.9	8344.8	8390.5	8344.8	8207.9	7980.9	7665.5	7263.9	6778.9	6199.6
-47.5°	5849.6	6095.2	6243.2	6292.6	6243.2	6095.2	5849.6	5508.0	5072.7	4546.2	3931.7
-50°	3768.9	3796.1	3812.5	3818.0	3812.5	3796.1	3768.9	3731.0	3682.6	3624.1	3555.7
-52.5°	3477.0	3500.1	3514.0	3518.6	3514.0	3500.1	3477.0	3444.9	3404.0	3354.3	3296.2
-55°	3179.9	3214.2	3234.8	3241.7	3234.8	3214.2	3179.9	3132.1	3071.1	2997.0	2910.3
-57.5°	2728.0	2762.7	2783.6	2790.6	2783.6	2762.7	2728.0	2679.6	2617.7	2542.6	2454.5
-60°	2237.7	2266.0	2283.0	2288.7	2283.0	2266.0	2237.7	2198.2	2147.8	2086.4	2014.5
-62.5°	1796.2	1819.2	1833.0	1837.6	1833.0	1819.2	1796.2	1764.1	1723.1	1673.3	1614.7
-65°	1396.9	1416.1	1427.6	1431.5	1427.6	1416.1	1396.9	1370.1	1335.8	1294.1	1245.1
-67.5°	1026.1	1040.9	1049.8	1052.8	1049.8	1040.9	1026.1	1005.5	979.0	946.8	908.9
-70°	704.1	715.2	721.9	724.1	721.9	715.2	704.1	688.7	668.8	644.7	616.4
-72.5°	430.3	438.0	442.7	444.2	442.7	438.0	430.3	419.5	405.7	388.9	369.1
-75°	212.4	216.2	218.4	219.2	218.4	216.2	212.4	207.2	200.4	192.2	182.5
-77.5°	88.3	89.2	89.8	90.0	89.8	89.2	88.3	86.9	85.2	83.1	80.6
-80°	49.4	49.7	49.8	49.9	49.8	49.7	49.4	48.9	48.4	47.7	47.0
-82.5°	33.8	34.0	34.2	34.2	34.2	34.0	33.8	33.6	33.2	32.8	32.3
-85°	20.3	20.4	20.5	20.5	20.5	20.4	20.3	20.1	19.9	19.7	19.4
-87.5°	8.7	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.4
-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: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**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°	8.3	8.1	8.0	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.2
85°	19.1	18.7	18.3	17.9	17.4	16.8	16.3	15.7	15.0	14.3	13.6
82.5°	31.7	31.1	30.3	29.5	28.7	27.7	26.7	25.7	24.5	23.4	22.1
80°	46.1	45.1	44.0	42.7	41.4	40.0	38.5	36.8	35.1	33.4	31.8
77.5°	77.7	74.5	71.0	67.0	62.8	58.2	53.3	49.2	47.0	44.8	42.4
75°	171.5	159.0	145.1	129.9	113.4	95.6	85.8	79.6	72.9	66.0	58.6
72.5°	346.4	320.9	292.5	261.5	227.7	203.3	181.0	157.3	132.3	106.0	86.4
70°	583.8	547.2	506.6	462.2	419.8	378.1	333.5	286.2	236.2	198.8	167.3
67.5°	865.6	816.8	762.7	706.5	651.8	593.0	530.3	463.7	403.4	344.1	282.2
65°	1189.0	1125.9	1056.0	989.2	917.2	840.0	757.5	678.2	599.8	517.5	434.1
62.5°	1547.7	1472.4	1392.0	1307.0	1215.0	1116.3	1016.6	919.9	818.1	713.3	618.5
60°	1932.2	1839.8	1747.6	1647.2	1538.5	1422.7	1307.0	1184.7	1056.0	938.6	816.8
57.5°	2353.8	2245.8	2133.7	2011.4	1879.2	1747.6	1612.2	1469.0	1326.2	1179.6	1030.3
55°	2811.3	2690.2	2554.0	2405.5	2249.7	2095.7	1932.2	1767.4	1604.4	1434.2	1269.0
52.5°	3222.4	3101.6	2968.4	2823.5	2653.4	2467.8	2272.8	2086.4	1891.2	1702.5	1512.2
50°	3480.8	3400.2	3311.6	3198.6	3029.8	2849.8	2644.5	2421.4	2198.2	1979.9	1761.9
47.5°	3747.2	3652.8	3549.2	3442.9	3331.3	3194.0	2989.3	2772.6	2523.0	2266.0	2024.6
45°	5442.5	4599.4	3800.7	3679.6	3549.9	3420.0	3285.6	3083.6	2844.3	2574.1	2288.7
42.5°	7428.2	6656.8	5726.7	4651.3	3779.7	3632.2	3480.1	3330.0	3131.2	2867.7	2574.1
40°	8706.5	8405.9	7525.5	6547.5	5362.9	4061.8	3682.2	3510.5	3344.9	3131.2	2844.3
37.5°	9359.2	9038.2	8685.9	8160.3	7046.3	5795.9	4344.9	3699.0	3510.5	3330.0	3083.6
35°	9994.6	9652.6	9279.5	8876.4	8447.1	7298.5	5941.3	4344.9	3682.2	3480.1	3285.6
32.5°	10608.4	10245.7	9852.7	9426.0	8972.8	8494.1	7298.5	5795.9	4061.8	3632.2	3420.0
30°	11238.3	10828.6	10399.3	9953.1	9475.3	8972.8	8447.1	7046.3	5362.9	3779.7	3549.9
27.5°	11968.6	11415.3	10941.0	10451.1	9953.1	9426.0	8876.4	8160.3	6547.5	4651.3	3679.6
25°	12864.4	12122.2	11489.2	10941.0	10399.3	9852.7	9279.5	8685.9	7525.5	5726.7	3800.7
22.5°	14061.6	12979.8	12122.2	11415.3	10828.6	10245.7	9652.6	9038.2	8405.9	6656.8	4599.4
20°	16264.5	14061.6	12864.4	11968.6	11238.3	10608.4	9994.6	9359.2	8706.5	7428.2	5442.5
17.5°	21242.5	15975.4	13649.3	12522.9	11667.3	10954.5	10300.7	9648.3	8977.7	8122.5	6199.6
15°	27832.3	19415.7	15123.1	13177.6	12089.6	11264.4	10572.9	9904.5	9216.6	8515.0	6778.9
12.5°	39394.2	24081.3	16540.4	13751.9	12495.6	11567.5	10817.7	10121.6	9420.5	8705.4	7263.9
10°	50810.4	30355.0	19482.3	14844.0	12938.2	11851.0	11024.6	10302.4	9590.0	8863.2	7665.5
7.5°	64908.9	37643.1	22389.2	15719.4	13290.5	12075.8	11188.2	10445.0	9723.4	8987.4	7980.9
5°	75383.3	43016.2	24520.0	16358.2	13546.7	12238.9	11306.5	10548.1	9819.7	9076.8	8207.9
2.5°	81846.6	46312.5	25821.6	16747.2	13702.3	12337.8	11378.2	10610.4	9877.9	9130.8	8344.8
0°	84032.8	47424.0	26259.5	16877.8	13754.5	12370.9	11402.2	10631.2	9897.3	9148.8	8390.5
-2.5°	81846.6	46312.5	25821.6	16747.2	13702.3	12337.8	11378.2	10610.4	9877.9	9130.8	8344.8
-5°	75383.3	43016.2	24520.0	16358.2	13546.7	12238.9	11306.5	10548.1	9819.7	9076.8	8207.9
-7.5°	64908.9	37643.1	22389.2	15719.4	13290.5	12075.8	11188.2	10445.0	9723.4	8987.4	7980.9
-10°	50810.4	30355.0	19482.3	14844.0	12938.2	11851.0	11024.6	10302.4	9590.0	8863.2	7665.5
-12.5°	39394.2	24081.3	16540.4	13751.9	12495.6	11567.5	10817.7	10121.6	9420.5	8705.4	7263.9
-15°	27832.3	19415.7	15123.1	13177.6	12089.6	11264.4	10572.9	9904.5	9216.6	8515.0	6778.9
-17.5°	21242.5	15975.4	13649.3	12522.9	11667.3	10954.5	10300.7	9648.3	8977.7	8122.5	6199.6
-20°	16264.5	14061.6	12864.4	11968.6	11238.3	10608.4	9994.6	9359.2	8706.5	7428.2	5442.5



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14061.6	12979.8	12122.2	11415.3	10828.6	10245.7	9652.6	9038.2	8405.9	6656.8	4599.4
-25°	12864.4	12122.2	11489.2	10941.0	10399.3	9852.7	9279.5	8685.9	7525.5	5726.7	3800.7
-27.5°	11968.6	11415.3	10941.0	10451.1	9953.1	9426.0	8876.4	8160.3	6547.5	4651.3	3679.6
-30°	11238.3	10828.6	10399.3	9953.1	9475.3	8972.8	8447.1	7046.3	5362.9	3779.7	3549.9
-32.5°	10608.4	10245.7	9852.7	9426.0	8972.8	8494.1	7298.5	5795.9	4061.8	3632.2	3420.0
-35°	9994.6	9652.6	9279.5	8876.4	8447.1	7298.5	5941.3	4344.9	3682.2	3480.1	3285.6
-37.5°	9359.2	9038.2	8685.9	8160.3	7046.3	5795.9	4344.9	3699.0	3510.5	3330.0	3083.6
-40°	8706.5	8405.9	7525.5	6547.5	5362.9	4061.8	3682.2	3510.5	3344.9	3131.2	2844.3
-42.5°	7428.2	6656.8	5726.7	4651.3	3779.7	3632.2	3480.1	3330.0	3131.2	2867.7	2574.1
-45°	5442.5	4599.4	3800.7	3679.6	3549.9	3420.0	3285.6	3083.6	2844.3	2574.1	2288.7
-47.5°	3747.2	3652.8	3549.2	3442.9	3331.3	3194.0	2989.3	2772.6	2523.0	2266.0	2024.6
-50°	3480.8	3400.2	3311.6	3198.6	3029.8	2849.8	2644.5	2421.4	2198.2	1979.9	1761.9
-52.5°	3222.4	3101.6	2968.4	2823.5	2653.4	2467.8	2272.8	2086.4	1891.2	1702.5	1512.2
-55°	2811.3	2690.2	2554.0	2405.5	2249.7	2095.7	1932.2	1767.4	1604.4	1434.2	1269.0
-57.5°	2353.8	2245.8	2133.7	2011.4	1879.2	1747.6	1612.2	1469.0	1326.2	1179.6	1030.3
-60°	1932.2	1839.8	1747.6	1647.2	1538.5	1422.7	1307.0	1184.7	1056.0	938.6	816.8
-62.5°	1547.7	1472.4	1392.0	1307.0	1215.0	1116.3	1016.6	919.9	818.1	713.3	618.5
-65°	1189.0	1125.9	1056.0	989.2	917.2	840.0	757.5	678.2	599.8	517.5	434.1
-67.5°	865.6	816.8	762.7	706.5	651.8	593.0	530.3	463.7	403.4	344.1	282.2
-70°	583.8	547.2	506.6	462.2	419.8	378.1	333.5	286.2	236.2	198.8	167.3
-72.5°	346.4	320.9	292.5	261.5	227.7	203.3	181.0	157.3	132.3	106.0	86.4
-75°	171.5	159.0	145.1	129.9	113.4	95.6	85.8	79.6	72.9	66.0	58.6
-77.5°	77.7	74.5	71.0	67.0	62.8	58.2	53.3	49.2	47.0	44.8	42.4
-80°	46.1	45.1	44.0	42.7	41.4	40.0	38.5	36.8	35.1	33.4	31.8
-82.5°	31.7	31.1	30.3	29.5	28.7	27.7	26.7	25.7	24.5	23.4	22.1
-85°	19.1	18.7	18.3	17.9	17.4	16.8	16.3	15.7	15.0	14.3	13.6
-87.5°	8.3	8.1	8.0	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.2
-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: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	5.7	5.4	5.0	4.7	4.4	4.1	3.7	3.4	3.0	2.6
85°	12.9	12.1	11.3	10.5	9.7	8.8	8.1	7.4	6.7	6.0	5.3
82.5°	20.8	19.6	18.4	17.2	15.9	14.6	13.3	11.9	10.5	9.1	7.9
80°	30.0	28.2	26.4	24.4	22.4	20.4	18.6	16.8	14.9	13.0	11.1
77.5°	39.9	37.3	34.6	32.2	29.7	27.1	24.5	21.9	19.3	17.0	14.6
75°	51.0	47.2	44.0	40.7	37.3	33.8	30.7	27.5	24.2	20.9	18.0
72.5°	77.5	68.3	58.7	49.5	45.5	41.4	37.2	33.1	29.3	25.4	21.5
70°	134.4	100.3	82.3	71.0	59.4	48.9	44.2	39.3	34.3	29.9	25.4
67.5°	218.3	179.9	140.2	99.3	79.8	66.4	52.8	45.5	40.0	34.3	29.3
65°	362.3	287.8	214.5	169.0	122.3	85.2	70.0	54.5	45.5	39.3	33.1
62.5°	520.0	423.1	338.5	251.4	186.4	133.9	87.0	70.0	52.8	44.2	37.2
60°	695.3	583.8	468.9	369.1	271.8	192.2	133.9	85.2	66.4	48.9	41.4
57.5°	892.9	751.0	622.4	494.6	379.4	271.8	186.4	122.3	79.8	59.4	45.5
55°	1098.1	939.0	781.5	635.4	494.6	369.1	251.4	169.0	99.3	71.0	49.5
52.5°	1323.2	1133.9	954.5	781.5	622.4	468.9	338.5	214.5	140.2	82.3	58.7
50°	1551.4	1341.3	1133.9	939.0	751.0	583.8	423.1	287.8	179.9	100.3	68.3
47.5°	1781.8	1551.4	1323.2	1098.1	892.9	695.3	520.0	362.3	218.3	134.4	77.5
45°	2024.6	1761.9	1512.2	1269.0	1030.3	816.8	618.5	434.1	282.2	167.3	86.4
42.5°	2266.0	1979.9	1702.5	1434.2	1179.6	938.6	713.3	517.5	344.1	198.8	106.0
40°	2523.0	2198.2	1891.2	1604.4	1326.2	1056.0	818.1	599.8	403.4	236.2	132.3
37.5°	2772.6	2421.4	2086.4	1767.4	1469.0	1184.7	919.9	678.2	463.7	286.2	157.3
35°	2989.3	2644.5	2272.8	1932.2	1612.2	1307.0	1016.6	757.5	530.3	333.5	181.0
32.5°	3194.0	2849.8	2467.8	2095.7	1747.6	1422.7	1116.3	840.0	593.0	378.1	203.3
30°	3331.3	3029.8	2653.4	2249.7	1879.2	1538.5	1215.0	917.2	651.8	419.8	227.7
27.5°	3442.9	3198.6	2823.5	2405.5	2011.4	1647.2	1307.0	989.2	706.5	462.2	261.5
25°	3549.2	3311.6	2968.4	2554.0	2133.7	1747.6	1392.0	1056.0	762.7	506.6	292.5
22.5°	3652.8	3400.2	3101.6	2690.2	2245.8	1839.8	1472.4	1125.9	816.8	547.2	320.9
20°	3747.2	3480.8	3222.4	2811.3	2353.8	1932.2	1547.7	1189.0	865.6	583.8	346.4
17.5°	3931.7	3555.7	3296.2	2910.3	2454.5	2014.5	1614.7	1245.1	908.9	616.4	369.1
15°	4546.2	3624.1	3354.3	2997.0	2542.6	2086.4	1673.3	1294.1	946.8	644.7	388.9
12.5°	5072.7	3682.6	3404.0	3071.1	2617.7	2147.8	1723.1	1335.8	979.0	668.8	405.7
10°	5508.0	3731.0	3444.9	3132.1	2679.6	2198.2	1764.1	1370.1	1005.5	688.7	419.5
7.5°	5849.6	3768.9	3477.0	3179.9	2728.0	2237.7	1796.2	1396.9	1026.1	704.1	430.3
5°	6095.2	3796.1	3500.1	3214.2	2762.7	2266.0	1819.2	1416.1	1040.9	715.2	438.0
2.5°	6243.2	3812.5	3514.0	3234.8	2783.6	2283.0	1833.0	1427.6	1049.8	721.9	442.7
0°	6292.6	3818.0	3518.6	3241.7	2790.6	2288.7	1837.6	1431.5	1052.8	724.1	444.2
-2.5°	6243.2	3812.5	3514.0	3234.8	2783.6	2283.0	1833.0	1427.6	1049.8	721.9	442.7
-5°	6095.2	3796.1	3500.1	3214.2	2762.7	2266.0	1819.2	1416.1	1040.9	715.2	438.0
-7.5°	5849.6	3768.9	3477.0	3179.9	2728.0	2237.7	1796.2	1396.9	1026.1	704.1	430.3
-10°	5508.0	3731.0	3444.9	3132.1	2679.6	2198.2	1764.1	1370.1	1005.5	688.7	419.5
-12.5°	5072.7	3682.6	3404.0	3071.1	2617.7	2147.8	1723.1	1335.8	979.0	668.8	405.7
-15°	4546.2	3624.1	3354.3	2997.0	2542.6	2086.4	1673.3	1294.1	946.8	644.7	388.9
-17.5°	3931.7	3555.7	3296.2	2910.3	2454.5	2014.5	1614.7	1245.1	908.9	616.4	369.1
-20°	3747.2	3480.8	3222.4	2811.3	2353.8	1932.2	1547.7	1189.0	865.6	583.8	346.4

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3652.8	3400.2	3101.6	2690.2	2245.8	1839.8	1472.4	1125.9	816.8	547.2	320.9
-25°	3549.2	3311.6	2968.4	2554.0	2133.7	1747.6	1392.0	1056.0	762.7	506.6	292.5
-27.5°	3442.9	3198.6	2823.5	2405.5	2011.4	1647.2	1307.0	989.2	706.5	462.2	261.5
-30°	3331.3	3029.8	2653.4	2249.7	1879.2	1538.5	1215.0	917.2	651.8	419.8	227.7
-32.5°	3194.0	2849.8	2467.8	2095.7	1747.6	1422.7	1116.3	840.0	593.0	378.1	203.3
-35°	2989.3	2644.5	2272.8	1932.2	1612.2	1307.0	1016.6	757.5	530.3	333.5	181.0
-37.5°	2772.6	2421.4	2086.4	1767.4	1469.0	1184.7	919.9	678.2	463.7	286.2	157.3
-40°	2523.0	2198.2	1891.2	1604.4	1326.2	1056.0	818.1	599.8	403.4	236.2	132.3
-42.5°	2266.0	1979.9	1702.5	1434.2	1179.6	938.6	713.3	517.5	344.1	198.8	106.0
-45°	2024.6	1761.9	1512.2	1269.0	1030.3	816.8	618.5	434.1	282.2	167.3	86.4
-47.5°	1781.8	1551.4	1323.2	1098.1	892.9	695.3	520.0	362.3	218.3	134.4	77.5
-50°	1551.4	1341.3	1133.9	939.0	751.0	583.8	423.1	287.8	179.9	100.3	68.3
-52.5°	1323.2	1133.9	954.5	781.5	622.4	468.9	338.5	214.5	140.2	82.3	58.7
-55°	1098.1	939.0	781.5	635.4	494.6	369.1	251.4	169.0	99.3	71.0	49.5
-57.5°	892.9	751.0	622.4	494.6	379.4	271.8	186.4	122.3	79.8	59.4	45.5
-60°	695.3	583.8	468.9	369.1	271.8	192.2	133.9	85.2	66.4	48.9	41.4
-62.5°	520.0	423.1	338.5	251.4	186.4	133.9	87.0	70.0	52.8	44.2	37.2
-65°	362.3	287.8	214.5	169.0	122.3	85.2	70.0	54.5	45.5	39.3	33.1
-67.5°	218.3	179.9	140.2	99.3	79.8	66.4	52.8	45.5	40.0	34.3	29.3
-70°	134.4	100.3	82.3	71.0	59.4	48.9	44.2	39.3	34.3	29.9	25.4
-72.5°	77.5	68.3	58.7	49.5	45.5	41.4	37.2	33.1	29.3	25.4	21.5
-75°	51.0	47.2	44.0	40.7	37.3	33.8	30.7	27.5	24.2	20.9	18.0
-77.5°	39.9	37.3	34.6	32.2	29.7	27.1	24.5	21.9	19.3	17.0	14.6
-80°	30.0	28.2	26.4	24.4	22.4	20.4	18.6	16.8	14.9	13.0	11.1
-82.5°	20.8	19.6	18.4	17.2	15.9	14.6	13.3	11.9	10.5	9.1	7.9
-85°	12.9	12.1	11.3	10.5	9.7	8.8	8.1	7.4	6.7	6.0	5.3
-87.5°	5.9	5.7	5.4	5.0	4.7	4.4	4.1	3.7	3.4	3.0	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
85°	4.5	3.8	3.1	2.3	1.5	0.8	0.0
82.5°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
80°	9.2	7.6	6.1	4.6	3.1	1.5	0.0
77.5°	12.1	9.7	7.6	5.7	3.8	1.9	0.0
75°	15.1	12.1	9.2	6.8	4.5	2.3	0.0
72.5°	18.0	14.6	11.1	7.9	5.3	2.6	0.0
70°	20.9	17.0	13.0	9.1	6.0	3.0	0.0
67.5°	24.2	19.3	14.9	10.5	6.7	3.4	0.0
65°	27.5	21.9	16.8	11.9	7.4	3.7	0.0
62.5°	30.7	24.5	18.6	13.3	8.1	4.1	0.0
60°	33.8	27.1	20.4	14.6	8.8	4.4	0.0
57.5°	37.3	29.7	22.4	15.9	9.7	4.7	0.0
55°	40.7	32.2	24.4	17.2	10.5	5.0	0.0
52.5°	44.0	34.6	26.4	18.4	11.3	5.4	0.0
50°	47.2	37.3	28.2	19.6	12.1	5.7	0.0
47.5°	51.0	39.9	30.0	20.8	12.9	5.9	0.0
45°	58.6	42.4	31.8	22.1	13.6	6.2	0.0
42.5°	66.0	44.8	33.4	23.4	14.3	6.5	0.0
40°	72.9	47.0	35.1	24.5	15.0	6.7	0.0
37.5°	79.6	49.2	36.8	25.7	15.7	7.0	0.0
35°	85.8	53.3	38.5	26.7	16.3	7.2	0.0
32.5°	95.6	58.2	40.0	27.7	16.8	7.4	0.0
30°	113.4	62.8	41.4	28.7	17.4	7.6	0.0
27.5°	129.9	67.0	42.7	29.5	17.9	7.8	0.0
25°	145.1	71.0	44.0	30.3	18.3	8.0	0.0
22.5°	159.0	74.5	45.1	31.1	18.7	8.1	0.0
20°	171.5	77.7	46.1	31.7	19.1	8.3	0.0
17.5°	182.5	80.6	47.0	32.3	19.4	8.4	0.0
15°	192.2	83.1	47.7	32.8	19.7	8.5	0.0
12.5°	200.4	85.2	48.4	33.2	19.9	8.6	0.0
10°	207.2	86.9	48.9	33.6	20.1	8.7	0.0
7.5°	212.4	88.3	49.4	33.8	20.3	8.7	0.0
5°	216.2	89.2	49.7	34.0	20.4	8.8	0.0
2.5°	218.4	89.8	49.8	34.2	20.5	8.8	0.0
0°	219.2	90.0	49.9	34.2	20.5	8.8	0.0
-2.5°	218.4	89.8	49.8	34.2	20.5	8.8	0.0
-5°	216.2	89.2	49.7	34.0	20.4	8.8	0.0
-7.5°	212.4	88.3	49.4	33.8	20.3	8.7	0.0
-10°	207.2	86.9	48.9	33.6	20.1	8.7	0.0
-12.5°	200.4	85.2	48.4	33.2	19.9	8.6	0.0
-15°	192.2	83.1	47.7	32.8	19.7	8.5	0.0
-17.5°	182.5	80.6	47.0	32.3	19.4	8.4	0.0
-20°	171.5	77.7	46.1	31.7	19.1	8.3	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P601478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS16-1200L-40-80-2S

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	159.0	74.5	45.1	31.1	18.7	8.1	0.0
-25°	145.1	71.0	44.0	30.3	18.3	8.0	0.0
-27.5°	129.9	67.0	42.7	29.5	17.9	7.8	0.0
-30°	113.4	62.8	41.4	28.7	17.4	7.6	0.0
-32.5°	95.6	58.2	40.0	27.7	16.8	7.4	0.0
-35°	85.8	53.3	38.5	26.7	16.3	7.2	0.0
-37.5°	79.6	49.2	36.8	25.7	15.7	7.0	0.0
-40°	72.9	47.0	35.1	24.5	15.0	6.7	0.0
-42.5°	66.0	44.8	33.4	23.4	14.3	6.5	0.0
-45°	58.6	42.4	31.8	22.1	13.6	6.2	0.0
-47.5°	51.0	39.9	30.0	20.8	12.9	5.9	0.0
-50°	47.2	37.3	28.2	19.6	12.1	5.7	0.0
-52.5°	44.0	34.6	26.4	18.4	11.3	5.4	0.0
-55°	40.7	32.2	24.4	17.2	10.5	5.0	0.0
-57.5°	37.3	29.7	22.4	15.9	9.7	4.7	0.0
-60°	33.8	27.1	20.4	14.6	8.8	4.4	0.0
-62.5°	30.7	24.5	18.6	13.3	8.1	4.1	0.0
-65°	27.5	21.9	16.8	11.9	7.4	3.7	0.0
-67.5°	24.2	19.3	14.9	10.5	6.7	3.4	0.0
-70°	20.9	17.0	13.0	9.1	6.0	3.0	0.0
-72.5°	18.0	14.6	11.1	7.9	5.3	2.6	0.0
-75°	15.1	12.1	9.2	6.8	4.5	2.3	0.0
-77.5°	12.1	9.7	7.6	5.7	3.8	1.9	0.0
-80°	9.2	7.6	6.1	4.6	3.1	1.5	0.0
-82.5°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
-85°	4.5	3.8	3.1	2.3	1.5	0.8	0.0
-87.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)