

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: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200R-57-70-5L-A**

Issue Date: 2/3/2026

Test Information

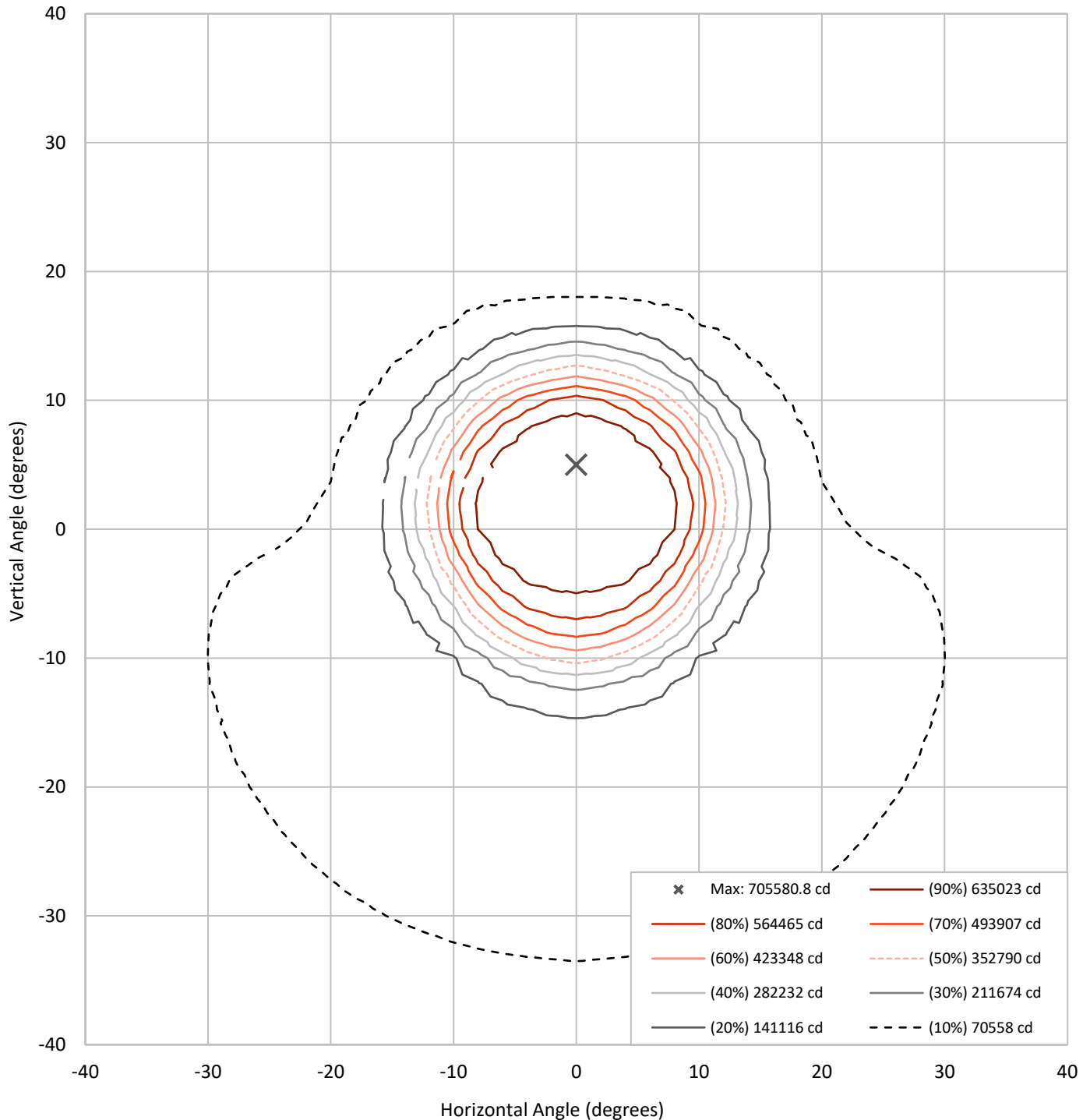
Test Method: LM-79-08
Report Number: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-53)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS16-1200R-57-70-5L-A
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 5700K, 70 CRI LEDS AND 5L BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 4V
Luminaire Lumens:	166776.5 lumens	Max Intensity:	705580.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	129.3 lumens/watt		
Luminous Opening:	Circular (Dia: 1.67' x H: 0')		
Beam Angle (50%):	23.3°H x 23°V	Field Angle (10%):	39.5°H x 51.6°V
Beam Lumens:	74014.1 lumens	Field Lumens:	135804.8 lumens
Beam Efficiency:	44.4%	Field Efficiency:	81.4%
Input Watts (W):	1290		
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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CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-A

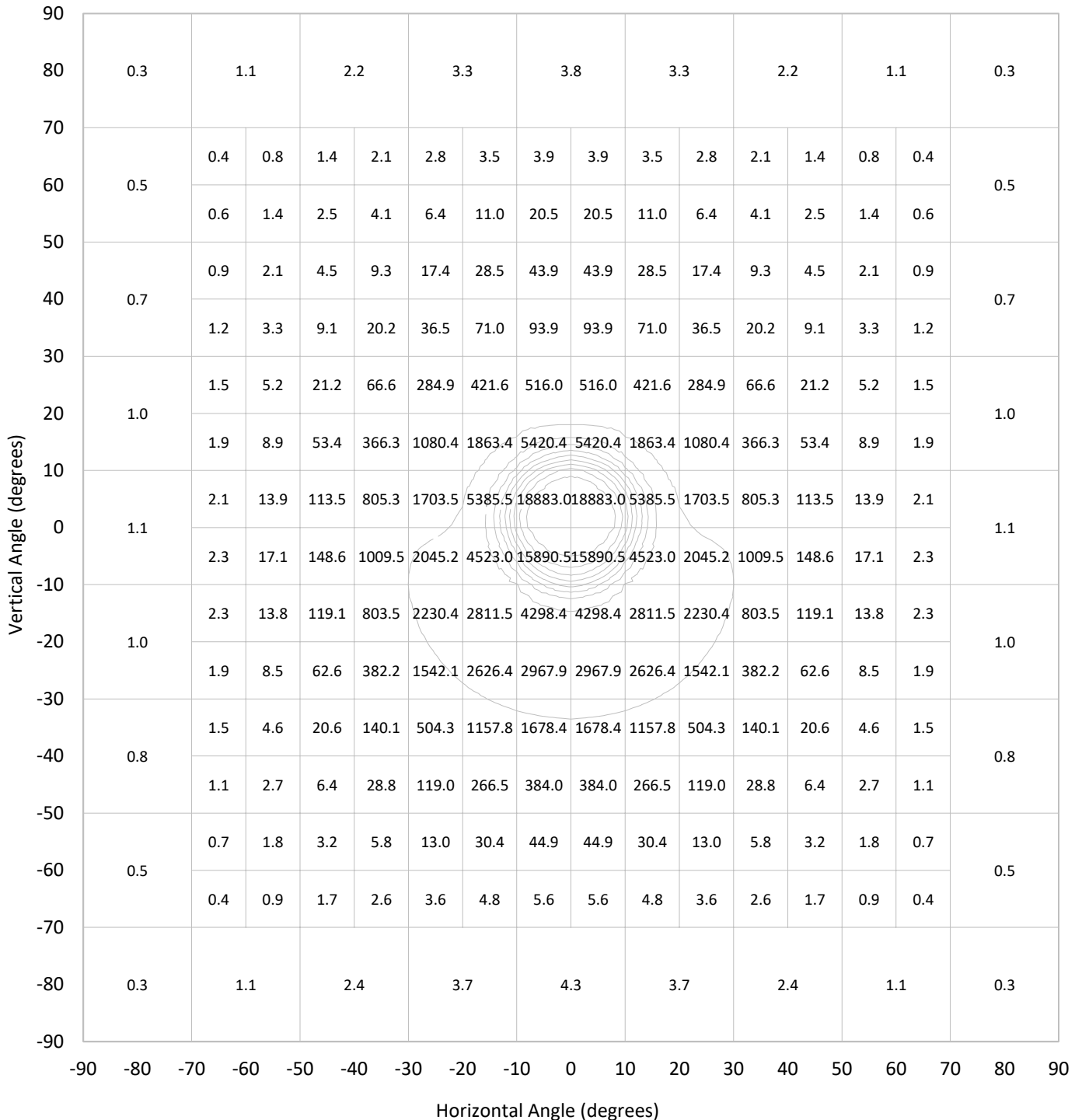
Iso-Candela Plot





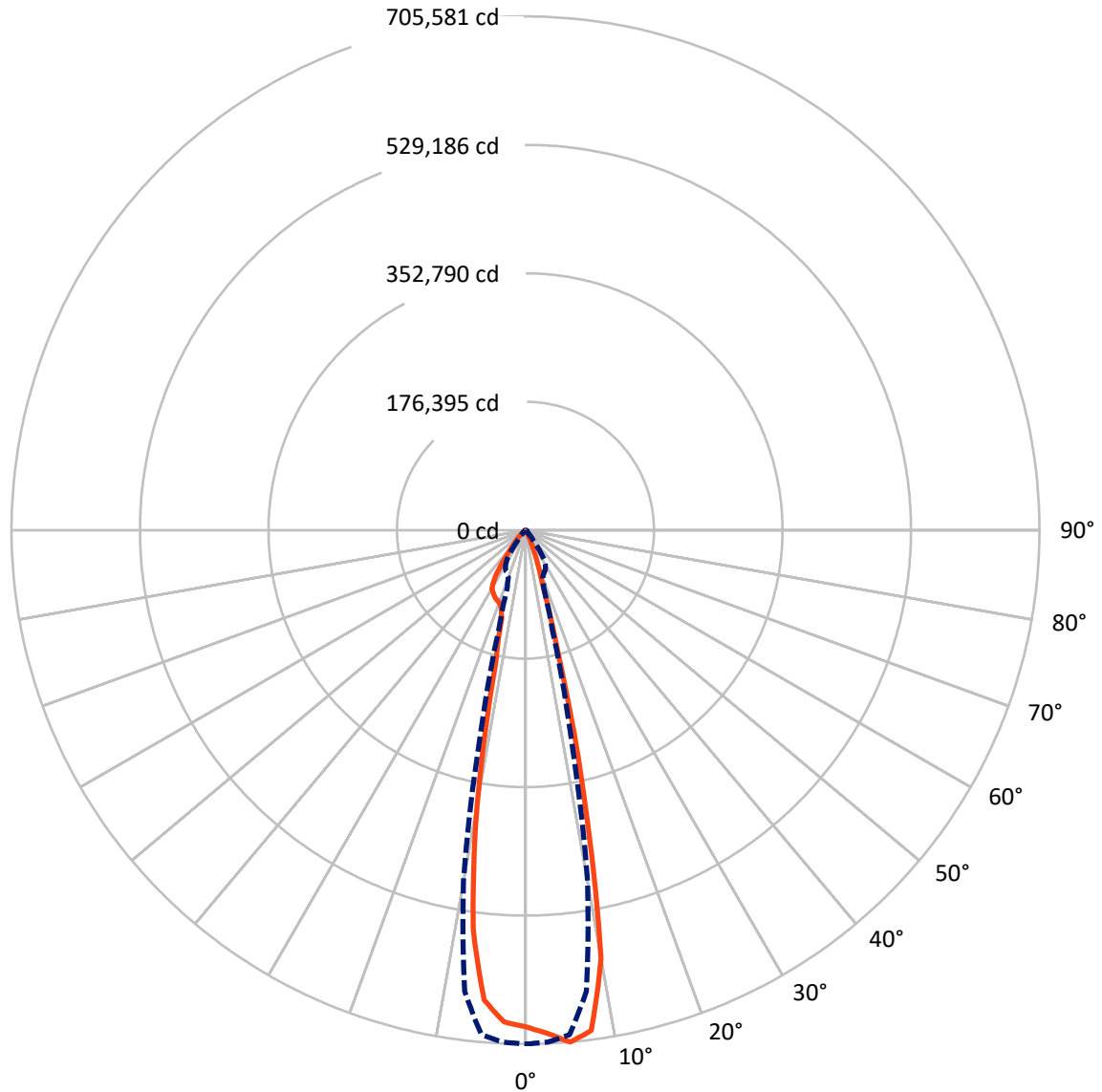
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Lumen Table



REPORT NUMBER: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
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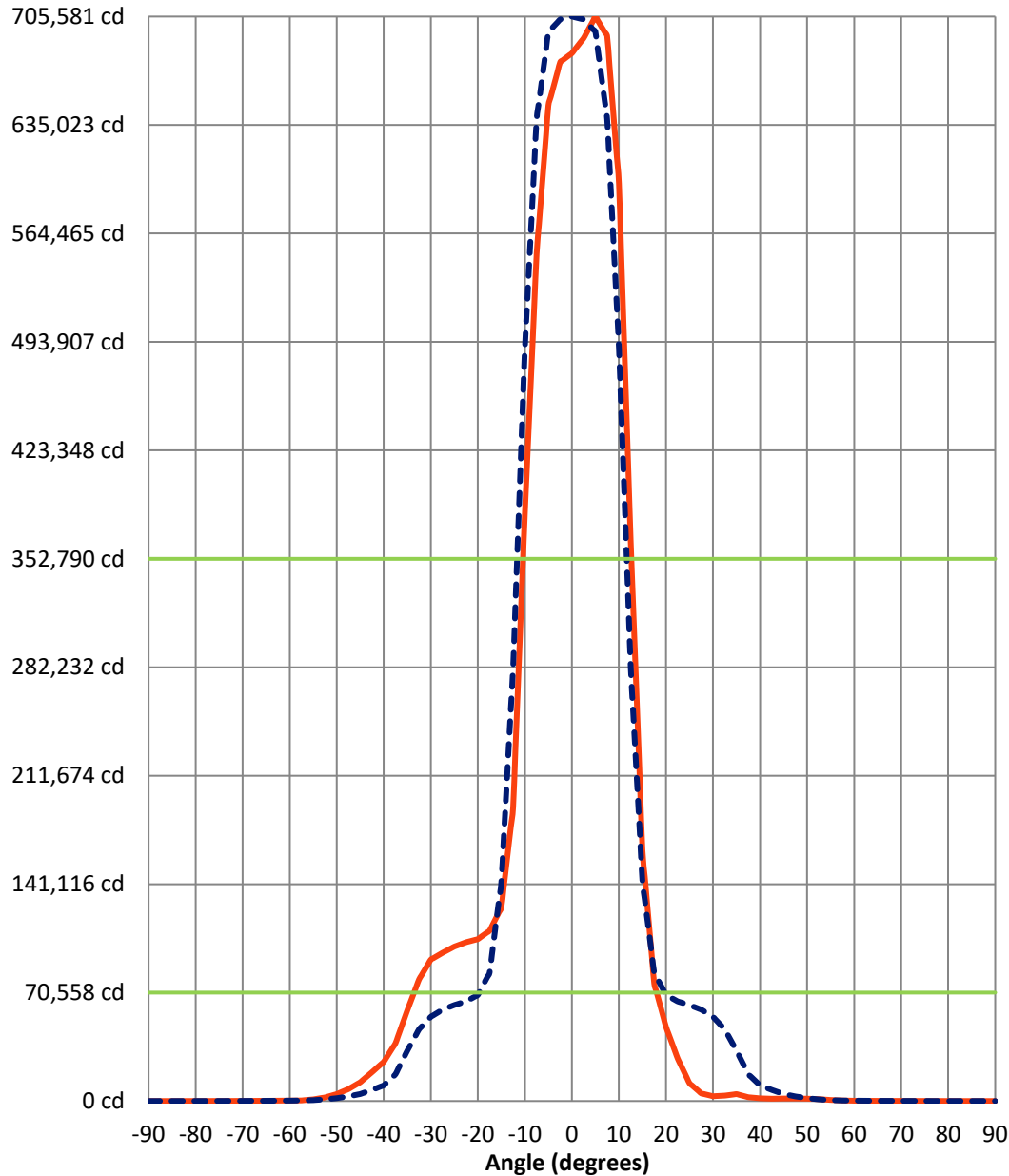
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 23.3°
V Angle: 23°
Lumens: 74014.1
Efficiency: 44.4%

Field:
H Angle: 39.5°
V Angle: 51.6°
Lumens: 135804.8
Efficiency: 81.4%

Spill:
Lumens: 30971.7
Efficiency: 18.6%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 5-Deg



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.5	2.2	3.0	3.7	4.5	5.1	5.7	6.3	6.9
85°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	10.2	11.4	12.6	13.8
82.5°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	15.3	16.9	17.1	17.3
80°	0.0	3.0	6.0	8.9	11.9	14.8	17.3	17.7	18.2	18.5	18.9
77.5°	0.0	3.7	7.4	11.1	14.8	17.5	18.3	18.9	19.4	20.0	20.6
75°	0.0	4.5	8.9	13.3	17.3	18.3	19.2	20.0	20.8	21.7	22.6
72.5°	0.0	5.2	10.3	15.5	17.9	19.1	20.2	21.2	22.4	23.5	24.6
70°	0.0	5.9	11.8	17.3	18.6	19.9	21.2	22.6	23.9	25.3	26.9
67.5°	0.0	6.6	13.2	17.8	19.2	20.6	22.3	24.0	25.5	27.4	29.2
65°	0.0	7.3	14.5	18.2	19.8	21.5	23.5	25.3	27.4	29.5	31.7
62.5°	0.0	7.9	15.9	18.7	20.4	22.4	24.6	26.9	29.2	31.6	34.6
60°	0.0	8.6	17.2	19.1	21.0	23.3	25.7	28.4	31.0	34.1	37.4
57.5°	0.0	9.2	17.5	19.5	21.7	24.2	27.0	30.0	33.0	36.5	41.2
55°	0.0	9.9	17.8	19.9	22.4	25.1	28.3	31.5	35.0	39.2	45.5
52.5°	0.0	10.5	18.0	20.3	23.1	26.0	29.6	33.2	37.0	43.0	49.7
50°	0.0	11.1	18.3	20.7	23.7	27.0	30.9	34.9	39.3	46.7	56.5
47.5°	0.0	11.6	18.5	21.1	24.3	28.1	32.1	36.5	42.6	50.4	63.3
45°	0.0	12.2	18.8	21.6	24.9	29.1	33.5	38.1	45.9	56.2	69.9
42.5°	0.0	12.7	19.0	22.0	25.5	30.1	34.9	40.5	49.2	61.8	76.6
40°	0.0	13.2	19.2	22.4	26.2	31.0	36.2	43.3	52.9	67.2	83.2
37.5°	0.0	13.6	19.4	22.8	26.9	32.0	37.5	46.0	57.7	72.8	89.7
35°	0.0	14.1	19.6	23.2	27.6	32.9	38.7	48.6	62.3	78.6	95.4
32.5°	0.0	14.5	19.8	23.5	28.3	33.9	40.2	51.1	66.6	84.1	100.0
30°	0.0	14.9	20.0	23.9	28.9	34.8	42.2	53.8	70.8	89.4	104.5
27.5°	0.0	15.3	20.1	24.2	29.4	35.7	44.1	57.1	74.8	94.3	108.9
25°	0.0	15.6	20.3	24.4	30.0	36.5	45.9	60.3	78.9	98.2	113.1
22.5°	0.0	15.9	20.4	24.7	30.4	37.2	47.6	63.2	82.6	101.6	118.7
20°	0.0	16.2	20.5	24.9	30.9	37.9	49.1	65.9	86.0	104.9	123.9
17.5°	0.0	16.4	20.6	25.1	31.2	38.6	50.5	68.3	89.1	107.9	128.6
15°	0.0	16.6	20.7	25.3	31.6	39.1	51.7	70.5	91.8	110.7	133.0
12.5°	0.0	16.8	20.8	25.5	31.9	39.6	52.8	72.3	94.5	113.2	136.9
10°	0.0	16.9	20.9	25.6	32.1	40.1	53.6	73.9	97.0	116.3	141.2
7.5°	0.0	17.1	20.9	25.7	32.3	40.4	54.3	75.2	99.3	119.2	146.9
5°	0.0	17.1	21.0	25.7	32.3	40.4	54.3	75.2	99.3	119.2	146.9
2.5°	0.0	17.2	21.0	25.8	32.5	41.0	55.3	77.0	103.0	124.2	157.3
0°	0.0	17.2	21.0	25.8	32.5	41.1	55.5	77.5	104.2	126.2	161.6
-2.5°	0.0	17.2	21.0	25.8	32.5	41.2	55.5	77.6	104.5	127.4	165.0
-5°	0.0	17.1	21.0	25.7	32.4	41.2	55.4	77.5	104.4	128.1	167.6
-7.5°	0.0	17.1	20.9	25.7	32.3	41.0	55.1	77.0	103.8	128.4	169.1
-10°	0.0	16.9	20.9	25.6	32.1	40.8	54.6	76.2	102.8	128.1	169.5
-12.5°	0.0	16.8	20.8	25.5	31.9	40.5	54.0	75.1	101.4	127.1	166.2
-15°	0.0	16.6	20.7	25.3	31.6	40.2	53.2	73.6	99.4	124.9	161.0
-17.5°	0.0	16.4	20.6	25.1	31.2	39.7	52.3	71.8	97.0	122.3	155.2
-20°	0.0	16.2	20.5	24.9	30.9	39.1	51.1	69.7	94.1	119.3	148.7



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 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.9	20.4	24.7	30.4	38.4	49.8	67.2	90.8	116.0	141.8
-25°	0.0	15.6	20.3	24.4	30.0	37.5	48.3	64.4	87.1	112.3	134.4
-27.5°	0.0	15.3	20.1	24.2	29.4	36.6	46.7	61.2	82.9	108.1	129.7
-30°	0.0	14.9	20.0	23.9	28.9	35.5	44.9	57.7	78.8	103.0	124.8
-32.5°	0.0	14.5	19.8	23.5	28.3	34.4	43.0	55.1	74.4	97.4	119.6
-35°	0.0	14.1	19.6	23.2	27.6	33.1	41.4	52.7	69.7	91.4	114.2
-37.5°	0.0	13.6	19.4	22.8	26.9	32.0	39.8	50.1	64.6	84.9	107.3
-40°	0.0	13.2	19.2	22.4	26.2	31.0	38.1	47.4	59.1	78.5	99.4
-42.5°	0.0	12.7	19.0	22.0	25.5	30.1	36.2	44.5	55.0	71.8	91.0
-45°	0.0	12.2	18.8	21.5	24.9	29.1	34.3	41.8	51.6	64.7	82.4
-47.5°	0.0	11.6	18.5	21.1	24.3	28.1	32.2	39.4	48.0	57.3	74.1
-50°	0.0	11.1	18.3	20.6	23.6	27.0	30.9	36.8	44.2	53.0	65.4
-52.5°	0.0	10.5	18.0	20.2	22.9	26.0	29.6	34.1	40.8	48.6	56.9
-55°	0.0	9.9	17.8	19.8	22.2	25.0	28.3	31.5	37.4	44.0	51.8
-57.5°	0.0	9.2	17.5	19.4	21.4	24.1	27.0	30.0	34.0	39.9	46.6
-60°	0.0	8.6	17.2	19.0	20.6	23.1	25.7	28.4	30.7	35.7	41.5
-62.5°	0.0	7.9	15.9	18.5	20.0	22.0	24.4	26.8	28.9	31.4	36.6
-65°	0.0	7.3	14.5	18.0	19.4	21.0	23.1	25.2	27.1	28.9	31.5
-67.5°	0.0	6.6	13.2	17.6	18.8	20.0	21.7	23.6	25.2	26.8	28.4
-70°	0.0	5.9	11.8	17.1	18.2	19.2	20.4	22.0	23.4	24.7	26.0
-72.5°	0.0	5.2	10.3	15.3	17.5	18.4	19.3	20.3	21.6	22.7	23.7
-75°	0.0	4.5	8.9	13.2	16.9	17.6	18.4	19.1	19.8	20.8	21.7
-77.5°	0.0	3.7	7.4	11.0	14.4	16.8	17.4	18.0	18.5	19.0	19.6
-80°	0.0	3.0	6.0	8.8	11.6	14.3	16.4	16.8	17.2	17.6	17.9
-82.5°	0.0	2.2	4.5	6.6	8.7	10.7	12.6	14.5	15.9	16.1	16.3
-85°	0.0	1.5	3.0	4.4	5.8	7.1	8.4	9.6	10.8	11.9	12.9
-87.5°	0.0	0.8	1.5	2.2	2.9	3.6	4.2	4.8	5.4	5.9	6.5
-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: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-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°	7.4	7.9	8.4	8.8	9.2	9.5	9.8	10.1	10.2	10.2	10.2
85°	14.8	15.8	15.8	15.9	15.8	15.8	15.7	15.5	15.2	14.9	14.6
82.5°	17.5	17.7	17.9	18.0	18.0	17.9	17.8	17.7	17.6	17.4	17.3
80°	19.3	19.6	20.1	20.5	20.7	20.7	20.6	20.4	20.4	20.5	20.8
77.5°	21.3	22.0	22.6	23.3	23.5	23.9	24.2	24.7	25.2	25.7	26.1
75°	23.5	24.4	25.4	26.4	27.1	27.8	28.6	30.0	31.4	32.9	34.5
72.5°	25.9	27.1	28.4	29.6	31.3	33.0	34.8	36.6	38.7	40.9	43.0
70°	28.4	29.9	32.0	34.2	36.5	38.9	41.7	44.3	46.9	49.7	53.0
67.5°	31.1	33.6	36.2	39.1	42.7	46.0	49.2	53.9	58.3	62.2	65.7
65°	34.4	37.3	41.1	45.3	49.3	55.0	60.6	65.7	70.8	75.4	79.4
62.5°	37.7	42.2	46.8	52.4	59.5	65.9	72.0	78.0	83.7	87.7	91.4
60°	42.2	47.3	54.4	62.6	69.9	76.8	83.6	89.0	93.8	98.4	105.3
57.5°	46.9	54.6	64.0	72.5	80.2	87.2	92.9	98.4	106.4	114.4	122.7
55°	52.9	63.7	73.5	82.1	89.6	95.6	102.8	112.5	121.6	133.1	144.0
52.5°	61.0	72.5	82.3	90.8	97.3	105.7	116.6	128.7	142.1	155.8	174.1
50°	68.9	80.5	90.6	97.6	106.7	118.7	133.2	148.9	166.9	187.1	208.8
47.5°	76.4	88.6	96.7	105.5	118.8	134.7	152.7	173.4	195.3	221.9	246.1
45°	83.8	95.0	102.9	116.5	132.8	152.9	176.6	198.8	230.5	261.5	299.7
42.5°	91.2	100.7	112.5	127.3	149.6	175.5	202.8	235.0	269.8	312.3	373.7
40°	96.7	106.6	122.6	143.1	168.3	201.4	237.4	274.5	316.6	385.7	467.8
37.5°	102.0	115.6	133.7	159.3	193.1	232.0	273.2	322.6	389.1	472.0	582.9
35°	107.2	124.2	148.6	179.6	218.7	265.6	318.2	384.4	483.1	587.6	697.8
32.5°	113.7	132.5	163.5	202.6	249.0	302.0	364.0	477.9	610.0	732.8	816.7
30°	121.0	145.3	179.9	225.0	279.1	345.4	444.7	585.5	760.4	911.4	1013.3
27.5°	128.0	158.2	199.5	250.3	310.8	389.9	550.9	737.4	941.6	1122.8	1259.0
25°	134.6	170.2	218.2	275.9	350.6	476.6	684.2	931.7	1155.8	1385.5	1589.9
22.5°	142.8	181.3	234.8	300.3	390.4	586.3	866.6	1180.7	1478.2	1715.2	1987.9
20°	152.0	195.0	252.4	324.7	431.5	703.4	1063.4	1467.9	1880.6	2317.9	2838.4
17.5°	160.2	207.4	270.3	361.2	530.4	857.9	1279.0	1783.7	2338.2	3089.9	4227.9
15°	167.6	218.7	286.7	400.2	643.6	1056.2	1585.8	2194.4	2948.5	4109.5	5878.0
12.5°	174.0	228.6	301.4	440.6	758.8	1260.9	1930.4	2746.8	3865.4	5523.0	9152.3
10°	179.5	237.1	314.4	481.0	872.6	1466.2	2292.3	3343.1	4946.4	7146.8	12278.3
7.5°	188.2	245.9	326.6	519.8	981.5	1665.7	2657.9	3960.1	6081.2	8724.6	15060.2
5°	196.8	254.8	343.1	574.2	1097.1	1871.0	3019.0	4572.1	7218.1	10223.4	17469.6
2.5°	204.5	262.1	357.8	627.8	1209.6	2086.4	3379.4	5135.2	8171.7	11599.0	19645.1
0°	211.3	267.8	370.1	675.1	1305.3	2275.9	3696.9	5635.3	8981.2	12827.3	21546.6
-2.5°	217.4	275.3	386.2	708.6	1348.5	2376.5	3870.6	5958.1	9364.0	13460.1	22694.2
-5°	222.3	281.4	398.7	731.0	1369.2	2434.6	3978.0	6175.6	9534.4	13790.7	23125.7
-7.5°	225.6	285.8	406.8	736.7	1341.0	2361.8	3869.0	6032.6	9305.3	13695.4	22732.9
-10°	226.4	286.1	411.2	707.4	1253.1	2195.7	3650.5	5765.4	8890.7	13259.7	21570.0
-12.5°	220.0	281.8	408.2	672.4	1151.1	1993.8	3352.1	5367.9	8285.7	12446.7	19512.6
-15°	212.1	274.8	396.6	633.3	1037.7	1757.8	2970.5	4833.6	7497.9	11253.1	16473.7
-17.5°	202.9	264.8	375.2	591.6	914.9	1489.4	2505.6	4192.2	6670.8	10123.5	14850.7
-20°	192.3	251.8	343.2	548.8	797.4	1258.7	2146.9	3636.9	5848.5	8911.2	12977.3



REPORT NUMBER: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	180.4	235.4	312.4	510.0	712.1	1075.5	1779.2	2988.3	4845.0	7473.8	11076.1
-25°	169.5	221.0	293.1	436.4	619.4	877.9	1369.3	2296.2	3897.9	6271.1	9386.4
-27.5°	160.3	205.2	265.2	364.3	524.9	696.2	1081.7	1816.9	3061.8	4905.0	7554.6
-30°	150.8	187.2	235.8	303.9	441.1	590.4	840.6	1318.3	2237.8	3775.4	5906.9
-32.5°	140.9	169.8	212.4	270.2	364.4	484.8	626.8	993.4	1656.4	2660.9	4301.0
-35°	132.0	158.1	192.3	235.3	295.2	398.3	515.7	704.4	1108.7	1886.6	3101.2
-37.5°	125.4	146.2	172.7	206.0	256.3	325.6	404.6	523.9	770.8	1205.8	2159.5
-40°	118.7	134.1	157.8	185.2	218.2	269.0	333.4	400.0	509.5	848.2	1346.3
-42.5°	111.6	126.5	144.4	165.4	192.9	229.6	271.0	321.8	392.7	548.6	891.9
-45°	101.9	119.0	131.7	150.5	171.2	196.8	231.4	265.0	316.5	388.7	555.7
-47.5°	91.7	110.4	123.5	135.4	152.6	172.8	196.4	228.4	262.8	308.8	354.8
-50°	81.4	98.8	114.9	124.6	136.4	151.5	170.1	194.1	223.1	254.4	291.8
-52.5°	71.5	86.8	102.4	115.1	123.7	134.4	148.4	166.5	188.3	211.7	239.6
-55°	61.2	75.2	89.1	102.7	113.6	121.2	130.6	144.4	158.4	178.1	197.1
-57.5°	53.7	63.6	76.2	88.6	100.3	110.4	117.6	125.3	137.1	149.6	162.8
-60°	47.9	54.4	63.6	74.8	85.7	95.7	104.8	111.9	118.9	126.2	136.8
-62.5°	42.0	47.9	53.7	61.1	71.1	80.3	88.8	96.6	103.7	109.9	116.0
-65°	36.3	41.4	46.6	51.8	56.9	65.1	72.9	80.1	86.7	92.8	98.6
-67.5°	30.5	35.0	39.5	44.0	48.6	52.9	57.3	64.0	70.1	75.5	80.4
-70°	27.4	28.9	32.4	36.3	40.2	43.9	47.6	51.3	54.9	58.8	63.3
-72.5°	24.9	26.2	27.4	28.7	31.9	35.3	38.3	41.1	44.0	47.0	49.7
-75°	22.5	23.4	24.4	25.4	26.5	27.9	29.7	32.3	34.6	36.8	38.8
-77.5°	20.3	21.0	21.7	22.4	22.8	23.5	24.4	25.5	26.7	27.9	29.2
-80°	18.3	18.7	19.1	19.6	19.8	20.0	20.1	20.2	20.3	20.7	21.3
-82.5°	16.5	16.7	16.9	17.1	17.1	17.0	16.9	16.9	17.0	17.1	17.1
-85°	13.9	14.8	14.8	14.9	14.9	14.8	14.7	14.6	14.4	14.2	14.1
-87.5°	6.9	7.4	7.8	8.2	8.6	8.9	9.2	9.5	9.5	9.5	9.5
-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: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-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°	10.2	9.9	9.5	9.1	8.7	8.2	7.7	7.1	6.5	5.6	4.7
85°	14.3	13.7	13.1	12.5	11.9	11.3	10.7	10.1	9.4	9.2	9.0
82.5°	17.1	16.7	16.2	15.7	15.3	15.4	15.7	16.0	16.4	16.6	16.8
80°	21.0	21.2	21.5	21.8	22.2	23.2	24.3	25.3	26.2	26.7	27.1
77.5°	26.9	28.2	29.5	30.7	31.8	33.1	34.4	35.5	36.4	37.0	37.5
75°	36.1	37.8	39.3	40.7	42.2	43.6	45.0	46.2	47.3	48.0	48.6
72.5°	44.8	46.6	48.8	51.3	53.7	55.9	58.1	60.0	61.9	63.2	64.2
70°	55.9	58.7	61.8	64.7	67.4	70.0	72.6	75.1	77.4	79.0	80.1
67.5°	69.1	72.2	75.7	78.8	81.5	84.5	87.9	91.1	94.1	96.2	97.5
65°	82.9	85.7	89.3	93.0	96.6	101.6	106.7	111.4	115.7	118.9	120.9
62.5°	94.9	99.6	105.8	112.1	118.1	124.3	130.7	136.7	142.1	146.5	149.2
60°	111.9	118.3	126.7	135.2	143.0	150.2	159.8	168.5	176.1	182.6	187.8
57.5°	132.5	141.9	152.0	164.4	176.1	187.1	200.1	216.9	235.6	256.0	285.3
55°	157.8	172.4	185.0	200.8	217.9	235.2	256.9	293.8	335.3	379.9	454.8
52.5°	191.2	208.5	224.1	244.4	275.6	306.0	338.1	406.0	482.1	561.7	703.3
50°	229.3	251.7	281.4	312.1	361.5	414.5	465.3	558.5	666.4	775.5	947.1
47.5°	279.6	313.4	365.2	418.7	482.0	553.9	625.2	727.7	843.6	949.6	1094.8
45°	346.6	413.3	478.4	547.8	621.2	707.4	786.8	873.2	978.9	1066.7	1168.6
42.5°	448.0	531.4	612.1	690.3	774.7	858.5	934.2	1014.0	1099.3	1179.3	1264.3
40°	566.9	658.6	742.4	827.2	895.3	973.1	1045.6	1120.0	1215.6	1329.6	1431.7
37.5°	687.1	775.2	852.0	929.0	992.5	1046.9	1168.9	1293.6	1411.8	1690.5	1939.8
35°	806.6	891.8	950.5	1027.6	1119.6	1244.7	1443.4	1779.7	2080.1	2648.9	3216.4
32.5°	930.6	1022.6	1092.2	1208.3	1371.5	1778.7	2067.8	2917.8	3648.6	3930.6	3815.6
30°	1069.1	1190.4	1381.6	1606.1	2208.6	3171.4	3936.6	4284.9	4107.1	3647.2	3672.6
27.5°	1345.5	1516.7	1949.9	3071.5	4591.5	6232.5	6567.7	5681.7	6027.1	4956.2	5699.6
25°	1819.6	2141.6	3931.5	6965.4	9571.2	10630.2	11432.9	10840.6	11607.7	11639.8	12304.8
22.5°	2632.9	4667.4	8179.8	13103.8	16178.8	17823.6	18833.1	19944.0	21153.8	22954.8	24096.3
20°	4193.7	8000.2	15145.1	20384.8	23960.2	26254.0	28103.1	30546.0	33319.4	36706.0	39425.0
17.5°	7679.1	14529.3	22477.5	28135.2	32033.4	35348.4	38260.1	41627.7	45882.6	51218.4	56488.9
15°	11538.6	21653.6	29858.9	35630.6	40069.5	43948.4	47841.1	51906.3	57641.1	66130.5	78519.1
12.5°	17107.2	28498.5	37256.0	42890.1	47731.4	51517.5	55358.1	60661.2	69205.7	82067.2	131456.6
10°	22853.1	35018.7	43614.6	49189.3	53719.0	57426.6	61119.0	66640.8	82610.9	133117.6	231274.0
7.5°	28058.0	41071.7	49423.9	54799.1	58673.7	61566.8	65532.3	75972.1	111653.8	197606.1	370727.8
5°	32755.1	46665.5	54796.5	59464.7	62468.3	64831.5	69027.0	83542.1	142638.4	282527.2	489801.9
2.5°	36368.5	51283.3	59616.1	63436.9	65615.3	67625.7	71946.6	87915.2	156747.7	325987.0	543685.6
0°	38444.7	54173.3	63339.1	66656.4	68441.8	70197.5	74760.8	91377.8	158330.6	305053.7	524038.7
-2.5°	40194.9	56829.2	66624.3	69921.5	71463.1	72838.4	77071.4	92554.0	142030.3	247188.7	448129.5
-5°	40526.4	58038.1	68851.3	72892.0	74402.5	75522.9	78620.8	91006.6	123870.3	182164.6	322644.8
-7.5°	39406.8	57749.5	70264.5	75668.0	77450.2	78542.5	80798.0	88205.4	105963.1	136310.0	216341.3
-10°	36902.7	55871.2	70693.3	78161.1	80757.1	81952.0	83229.4	86120.6	94710.6	112001.0	135546.4
-12.5°	32668.6	51880.8	69891.0	80309.5	83734.4	85276.6	86564.8	88589.3	92046.4	97808.4	111961.5
-15°	27554.1	46153.5	65151.9	78296.2	85104.9	88158.1	90020.4	90977.3	92704.7	96164.8	101641.2
-17.5°	23652.6	38638.9	57379.8	74629.4	85113.3	89531.9	91947.5	93868.4	95100.3	97277.5	99455.4
-20°	18983.8	29801.9	47837.7	65704.1	79777.5	88799.9	92507.1	94904.1	96991.8	98454.4	100103.8



REPORT NUMBER: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	15929.4	24209.4	36830.4	54284.1	70701.0	82372.6	90713.7	93822.8	96447.7	98043.3	99504.5
-25°	13319.8	18475.9	27901.2	41598.9	57724.8	72089.1	82568.8	90408.1	93614.5	95849.6	97233.2
-27.5°	10949.4	15308.1	20857.3	30257.2	43324.3	57147.8	69550.5	80412.3	86478.6	91965.8	93402.8
-30°	8661.8	12322.1	16780.1	21964.3	30434.9	40455.7	52395.7	63155.4	72686.6	80177.6	84262.9
-32.5°	6751.4	9664.1	13286.9	17343.6	21366.7	28227.6	34776.2	44651.8	53476.1	61240.8	67797.5
-35°	4889.0	7326.7	10073.5	13345.2	16672.5	20301.7	24517.6	30148.4	35207.5	41652.1	47729.4
-37.5°	3438.8	5193.9	7382.4	9775.8	12574.4	15307.6	18229.1	21191.0	23959.0	27945.6	31334.2
-40°	2309.3	3463.9	5053.8	6811.5	9005.3	11120.7	13440.1	15580.2	17626.0	19758.3	21603.1
-42.5°	1396.8	2223.1	3161.9	4490.0	5956.7	7580.5	9386.8	11080.9	12556.5	14015.5	15345.6
-45°	833.4	1301.6	1866.7	2725.7	3598.4	4826.4	6048.1	7162.8	8388.6	9454.7	10340.3
-47.5°	515.2	701.8	1076.2	1510.9	2062.7	2841.8	3602.2	4330.2	5190.4	5958.2	6593.3
-50°	335.2	417.9	591.0	779.3	1131.2	1537.1	1941.0	2409.9	2940.0	3408.8	3783.4
-52.5°	265.9	304.2	344.6	411.8	582.1	766.3	958.2	1237.6	1519.5	1777.1	1975.9
-55°	219.0	242.0	263.4	296.7	333.1	368.4	426.0	570.5	704.8	827.0	921.1
-57.5°	179.5	196.1	213.4	233.0	252.5	271.5	298.1	329.5	359.7	386.8	394.6
-60°	147.1	157.1	171.4	185.5	198.6	210.6	229.3	247.6	264.5	278.7	286.6
-62.5°	121.8	129.3	138.6	147.8	156.8	166.5	178.8	191.1	203.3	214.6	224.0
-65°	103.7	108.5	113.7	119.0	124.4	131.7	139.6	147.2	154.2	160.7	166.6
-67.5°	85.2	89.5	93.5	97.3	101.1	105.2	109.8	114.2	118.5	122.3	125.5
-70°	67.4	71.1	74.0	76.7	79.4	82.4	85.5	88.3	90.7	92.6	94.1
-72.5°	52.3	54.6	57.1	59.9	62.1	64.3	66.3	68.1	69.6	70.7	71.4
-75°	40.8	42.9	45.0	46.9	48.7	50.2	51.7	53.1	54.4	55.1	55.6
-77.5°	30.7	32.2	33.7	35.2	36.6	37.9	39.0	40.0	40.8	41.3	41.6
-80°	22.0	23.0	23.9	24.8	25.6	26.5	27.4	28.2	29.0	29.3	29.4
-82.5°	17.1	17.1	17.2	17.3	17.5	17.6	17.8	18.0	18.2	18.5	18.7
-85°	13.9	13.7	13.3	13.0	12.7	12.1	11.5	10.9	10.3	10.3	10.3
-87.5°	9.4	9.3	9.1	8.9	8.7	8.2	7.7	7.1	6.5	5.8	5.2
-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: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-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°	3.8	2.9	2.9	2.9	2.9	2.9	3.8	4.7	5.6	6.5	7.1
85°	8.8	8.6	8.6	8.6	8.6	8.6	8.8	9.0	9.2	9.4	10.1
82.5°	17.0	17.1	17.2	17.2	17.2	17.1	17.0	16.8	16.6	16.4	16.0
80°	27.3	27.5	27.7	27.7	27.7	27.5	27.3	27.1	26.7	26.2	25.3
77.5°	37.8	38.1	37.8	37.3	37.8	38.1	37.8	37.5	37.0	36.4	35.5
75°	49.1	49.4	50.1	50.7	50.1	49.4	49.1	48.6	48.0	47.3	46.2
72.5°	65.0	65.6	66.3	66.9	66.3	65.6	65.0	64.2	63.2	61.9	60.0
70°	81.0	81.7	82.1	82.2	82.1	81.7	81.0	80.1	79.0	77.4	75.1
67.5°	98.4	98.9	99.3	99.5	99.3	98.9	98.4	97.5	96.2	94.1	91.1
65°	122.4	123.3	124.0	124.3	124.0	123.3	122.4	120.9	118.9	115.7	111.4
62.5°	151.3	152.7	152.0	150.1	152.0	152.7	151.3	149.2	146.5	142.1	136.7
60°	192.1	195.5	196.5	196.0	196.5	195.5	192.1	187.8	182.6	176.1	168.5
57.5°	316.4	347.4	363.0	368.2	363.0	347.4	316.4	285.3	256.0	235.6	216.9
55°	536.1	618.5	671.1	700.9	671.1	618.5	536.1	454.8	379.9	335.3	293.8
52.5°	870.5	1042.2	1166.6	1247.9	1166.6	1042.2	870.5	703.3	561.7	482.1	406.0
50°	1153.9	1357.7	1491.6	1558.7	1491.6	1357.7	1153.9	947.1	775.5	666.4	558.5
47.5°	1286.2	1470.5	1596.7	1661.0	1596.7	1470.5	1286.2	1094.8	949.6	843.6	727.7
45°	1328.3	1478.2	1584.1	1635.2	1584.1	1478.2	1328.3	1168.6	1066.7	978.9	873.2
42.5°	1375.9	1464.5	1516.9	1525.2	1516.9	1464.5	1375.9	1264.3	1179.3	1099.3	1014.0
40°	1547.5	1658.1	1744.0	1780.6	1744.0	1658.1	1547.5	1431.7	1329.6	1215.6	1120.0
37.5°	2164.6	2349.7	2473.9	2495.9	2473.9	2349.7	2164.6	1939.8	1690.5	1411.8	1293.6
35°	3694.1	4075.3	4347.8	4503.1	4347.8	4075.3	3694.1	3216.4	2648.9	2080.1	1779.7
32.5°	3680.3	3599.0	3551.3	3537.2	3551.3	3599.0	3680.3	3815.6	3930.6	3648.6	2917.8
30°	3368.9	3267.1	3141.8	3137.5	3141.8	3267.1	3368.9	3672.6	3647.2	4107.1	4284.9
27.5°	5524.9	5361.8	4945.1	4977.4	4945.1	5361.8	5524.9	5699.6	4956.2	6027.1	5681.7
25°	12874.4	12932.5	12596.3	11586.1	12596.3	12932.5	12874.4	12304.8	11639.8	11607.7	10840.6
22.5°	25564.4	26289.5	27366.5	27593.0	27366.5	26289.5	25564.4	24096.3	22954.8	21153.8	19944.0
20°	42576.6	44596.2	47361.3	48274.1	47361.3	44596.2	42576.6	39425.0	36706.0	33319.4	30546.0
17.5°	64658.8	71154.0	76629.1	76546.1	76629.1	71154.0	64658.8	56488.9	51218.4	45882.6	41627.7
15°	106651.5	134165.1	155093.4	163235.3	155093.4	134165.1	106651.5	78519.1	66130.5	57641.1	51906.3
12.5°	196048.4	276159.3	329432.3	364324.9	329432.3	276159.3	196048.4	131456.6	82067.2	69205.7	60661.2
10°	374249.3	497664.6	562810.2	596975.0	562810.2	497664.6	374249.3	231274.0	133117.6	82610.9	66640.8
7.5°	546920.3	638510.4	682196.5	692803.2	682196.5	638510.4	546920.3	370727.8	197606.1	111653.8	75972.1
5°	638789.1	695595.5	703678.1	705580.8	703678.1	695595.5	638789.1	489801.9	282527.2	142638.4	83542.1
2.5°	673546.8	697813.1	693721.7	691561.0	693721.7	697813.1	673546.8	543685.6	325987.0	156747.7	87915.2
0°	663433.9	693690.6	684462.7	681721.0	684462.7	693690.6	663433.9	524038.7	305053.7	158330.6	91377.8
-2.5°	610647.7	672417.6	676413.8	675944.7	676413.8	672417.6	610647.7	448129.5	247188.7	142030.3	92554.0
-5°	508633.3	606675.8	639390.0	647728.7	639390.0	606675.8	508633.3	322644.8	182164.6	123870.3	91006.6
-7.5°	355849.2	474249.0	532974.3	551190.5	532974.3	474249.0	355849.2	216341.3	136310.0	105963.1	88205.4
-10°	197626.2	292370.2	357437.3	382603.4	357437.3	292370.2	197626.2	135546.4	112001.0	94710.6	86120.6
-12.5°	128069.7	155556.6	181473.5	191006.7	181473.5	155556.6	128069.7	111961.5	97808.4	92046.4	88589.3
-15°	110562.7	118992.7	124203.3	125910.4	124203.3	118992.7	110562.7	101641.2	96164.8	92704.7	90977.3
-17.5°	103547.3	106633.7	108846.6	110837.8	108846.6	106633.7	103547.3	99455.4	97277.5	95100.3	93868.4
-20°	101791.3	103655.2	104540.2	105374.6	104540.2	103655.2	101791.3	100103.8	98454.4	96991.8	94904.1



REPORT NUMBER: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	100542.9	101650.4	102456.1	103346.4	102456.1	101650.4	100542.9	99504.5	98043.3	96447.7	93822.8
-25°	98193.4	99060.8	99718.3	100493.8	99718.3	99060.8	98193.4	97233.2	95849.6	93614.5	90408.1
-27.5°	94513.6	95354.6	95835.9	96473.7	95835.9	95354.6	94513.6	93402.8	91965.8	86478.6	80412.3
-30°	87343.6	89475.5	90715.6	92014.6	90715.6	89475.5	87343.6	84262.9	80177.6	72686.6	63155.4
-32.5°	72763.3	76071.5	78070.1	79154.8	78070.1	76071.5	72763.3	67797.5	61240.8	53476.1	44651.8
-35°	52363.3	55367.9	57228.9	58971.9	57228.9	55367.9	52363.3	47729.4	41652.1	35207.5	30148.4
-37.5°	33941.3	35722.5	36849.6	37639.5	36849.6	35722.5	33941.3	31334.2	27945.6	23959.0	21191.0
-40°	23243.7	24533.8	25353.6	25547.6	25353.6	24533.8	23243.7	21603.1	19758.3	17626.0	15580.2
-42.5°	16674.5	17797.9	18546.3	18767.6	18546.3	17797.9	16674.5	15345.6	14015.5	12556.5	11080.9
-45°	11133.5	11786.6	12179.0	12240.2	12179.0	11786.6	11133.5	10340.3	9454.7	8388.6	7162.8
-47.5°	7076.8	7437.0	7674.3	7785.9	7674.3	7437.0	7076.8	6593.3	5958.2	5190.4	4330.2
-50°	4074.0	4293.7	4448.4	4534.6	4448.4	4293.7	4074.0	3783.4	3408.8	2940.0	2409.9
-52.5°	2128.0	2239.5	2314.1	2351.5	2314.1	2239.5	2128.0	1975.9	1777.1	1519.5	1237.6
-55°	1001.0	1065.0	1097.4	1100.7	1097.4	1065.0	1001.0	921.1	827.0	704.8	570.5
-57.5°	397.0	394.5	393.2	391.1	393.2	394.5	397.0	394.6	386.8	359.7	329.5
-60°	292.2	295.7	299.3	302.2	299.3	295.7	292.2	286.6	278.7	264.5	247.6
-62.5°	232.2	239.2	242.6	243.8	242.6	239.2	232.2	224.0	214.6	203.3	191.1
-65°	171.9	176.5	178.3	178.8	178.3	176.5	171.9	166.6	160.7	154.2	147.2
-67.5°	128.3	130.6	131.7	132.0	131.7	130.6	128.3	125.5	122.3	118.5	114.2
-70°	95.2	95.9	96.4	96.6	96.4	95.9	95.2	94.1	92.6	90.7	88.3
-72.5°	72.0	72.3	72.6	72.7	72.6	72.3	72.0	71.4	70.7	69.6	68.1
-75°	55.9	56.1	56.3	56.4	56.3	56.1	55.9	55.6	55.1	54.4	53.1
-77.5°	41.8	41.9	42.0	42.1	42.0	41.9	41.8	41.6	41.3	40.8	40.0
-80°	29.5	29.4	29.6	29.6	29.6	29.4	29.5	29.4	29.3	29.0	28.2
-82.5°	18.9	19.0	19.1	19.1	19.1	19.0	18.9	18.7	18.5	18.2	18.0
-85°	10.4	10.4	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.9
-87.5°	4.5	3.8	3.8	3.8	3.8	3.8	4.5	5.2	5.8	6.5	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: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-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°	7.7	8.2	8.7	9.1	9.5	9.9	10.2	10.2	10.2	10.2	10.1
85°	10.7	11.3	11.9	12.5	13.1	13.7	14.3	14.6	14.9	15.2	15.5
82.5°	15.7	15.4	15.3	15.7	16.2	16.7	17.1	17.3	17.4	17.6	17.7
80°	24.3	23.2	22.2	21.8	21.5	21.2	21.0	20.8	20.5	20.4	20.4
77.5°	34.4	33.1	31.8	30.7	29.5	28.2	26.9	26.1	25.7	25.2	24.7
75°	45.0	43.6	42.2	40.7	39.3	37.8	36.1	34.5	32.9	31.4	30.0
72.5°	58.1	55.9	53.7	51.3	48.8	46.6	44.8	43.0	40.9	38.7	36.6
70°	72.6	70.0	67.4	64.7	61.8	58.7	55.9	53.0	49.7	46.9	44.3
67.5°	87.9	84.5	81.5	78.8	75.7	72.2	69.1	65.7	62.2	58.3	53.9
65°	106.7	101.6	96.6	93.0	89.3	85.7	82.9	79.4	75.4	70.8	65.7
62.5°	130.7	124.3	118.1	112.1	105.8	99.6	94.9	91.4	87.7	83.7	78.0
60°	159.8	150.2	143.0	135.2	126.7	118.3	111.9	105.3	98.4	93.8	89.0
57.5°	200.1	187.1	176.1	164.4	152.0	141.9	132.5	122.7	114.4	106.4	98.4
55°	256.9	235.2	217.9	200.8	185.0	172.4	157.8	144.0	133.1	121.6	112.5
52.5°	338.1	306.0	275.6	244.4	224.1	208.5	191.2	174.1	155.8	142.1	128.7
50°	465.3	414.5	361.5	312.1	281.4	251.7	229.3	208.8	187.1	166.9	148.9
47.5°	625.2	553.9	482.0	418.7	365.2	313.4	279.6	246.1	221.9	195.3	173.4
45°	786.8	707.4	621.2	547.8	478.4	413.3	346.6	299.7	261.5	230.5	198.8
42.5°	934.2	858.5	774.7	690.3	612.1	531.4	448.0	373.7	312.3	269.8	235.0
40°	1045.6	973.1	895.3	827.2	742.4	658.6	566.9	467.8	385.7	316.6	274.5
37.5°	1168.9	1046.9	992.5	929.0	852.0	775.2	687.1	582.9	472.0	389.1	322.6
35°	1443.4	1244.7	1119.6	1027.6	950.5	891.8	806.6	697.8	587.6	483.1	384.4
32.5°	2067.8	1778.7	1371.5	1208.3	1092.2	1022.6	930.6	816.7	732.8	610.0	477.9
30°	3936.6	3171.4	2208.6	1606.1	1381.6	1190.4	1069.1	1013.3	911.4	760.4	585.5
27.5°	6567.7	6232.5	4591.5	3071.5	1949.9	1516.7	1345.5	1259.0	1122.8	941.6	737.4
25°	11432.9	10630.2	9571.2	6965.4	3931.5	2141.6	1819.6	1589.9	1385.5	1155.8	931.7
22.5°	18833.1	17823.6	16178.8	13103.8	8179.8	4667.4	2632.9	1987.9	1715.2	1478.2	1180.7
20°	28103.1	26254.0	23960.2	20384.8	15145.1	8000.2	4193.7	2838.4	2317.9	1880.6	1467.9
17.5°	38260.1	35348.4	32033.4	28135.2	22477.5	14529.3	7679.1	4227.9	3089.9	2338.2	1783.7
15°	47841.1	43948.4	40069.5	35630.6	29858.9	21653.6	11538.6	5878.0	4109.5	2948.5	2194.4
12.5°	55358.1	51517.5	47731.4	42890.1	37256.0	28498.5	17107.2	9152.3	5523.0	3865.4	2746.8
10°	61119.0	57426.6	53719.0	49189.3	43614.6	35018.7	22853.1	12278.3	7146.8	4946.4	3343.1
7.5°	65532.3	61566.8	58673.7	54799.1	49423.9	41071.7	28058.0	15060.2	8724.6	6081.2	3960.1
5°	69027.0	64831.5	62468.3	59464.7	54796.5	46665.5	32755.1	17469.6	10223.4	7218.1	4572.1
2.5°	71946.6	67625.7	65615.3	63436.9	59616.1	51283.3	36368.5	19645.1	11599.0	8171.7	5135.2
0°	74760.8	70197.5	68441.8	66656.4	63339.1	54173.3	38444.7	21546.6	12827.3	8981.2	5635.3
-2.5°	77071.4	72838.4	71463.1	69921.5	66624.3	56829.2	40194.9	22694.2	13460.1	9364.0	5958.1
-5°	78620.8	75522.9	74402.5	72892.0	68851.3	58038.1	40526.4	23125.7	13790.7	9534.4	6175.6
-7.5°	80798.0	78542.5	77450.2	75668.0	70264.5	57749.5	39406.8	22732.9	13695.4	9305.3	6032.6
-10°	83229.4	81952.0	80757.1	78161.1	70693.3	55871.2	36902.7	21570.0	13259.7	8890.7	5765.4
-12.5°	86564.8	85276.6	83734.4	80309.5	69891.0	51880.8	32668.6	19512.6	12446.7	8285.7	5367.9
-15°	90020.4	88158.1	85104.9	78296.2	65151.9	46153.5	27554.1	16473.7	11253.1	7497.9	4833.6
-17.5°	91947.5	89531.9	85113.3	74629.4	57379.8	38638.9	23652.6	14850.7	10123.5	6670.8	4192.2
-20°	92507.1	88799.9	79777.5	65704.1	47837.7	29801.9	18983.8	12977.3	8911.2	5848.5	3636.9



REPORT NUMBER: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	90713.7	82372.6	70701.0	54284.1	36830.4	24209.4	15929.4	11076.1	7473.8	4845.0	2988.3
-25°	82568.8	72089.1	57724.8	41598.9	27901.2	18475.9	13319.8	9386.4	6271.1	3897.9	2296.2
-27.5°	69550.5	57147.8	43324.3	30257.2	20857.3	15308.1	10949.4	7554.6	4905.0	3061.8	1816.9
-30°	52395.7	40455.7	30434.9	21964.3	16780.1	12322.1	8661.8	5906.9	3775.4	2237.8	1318.3
-32.5°	34776.2	28227.6	21366.7	17343.6	13286.9	9664.1	6751.4	4301.0	2660.9	1656.4	993.4
-35°	24517.6	20301.7	16672.5	13345.2	10073.5	7326.7	4889.0	3101.2	1886.6	1108.7	704.4
-37.5°	18229.1	15307.6	12574.4	9775.8	7382.4	5193.9	3438.8	2159.5	1205.8	770.8	523.9
-40°	13440.1	11120.7	9005.3	6811.5	5053.8	3463.9	2309.3	1346.3	848.2	509.5	400.0
-42.5°	9386.8	7580.5	5956.7	4490.0	3161.9	2223.1	1396.8	891.9	548.6	392.7	321.8
-45°	6048.1	4826.4	3598.4	2725.7	1866.7	1301.6	833.4	555.7	388.7	316.5	265.0
-47.5°	3602.2	2841.8	2062.7	1510.9	1076.2	701.8	515.2	354.8	308.8	262.8	228.4
-50°	1941.0	1537.1	1131.2	779.3	591.0	417.9	335.2	291.8	254.4	223.1	194.1
-52.5°	958.2	766.3	582.1	411.8	344.6	304.2	265.9	239.6	211.7	188.3	166.5
-55°	426.0	368.4	333.1	296.7	263.4	242.0	219.0	197.1	178.1	158.4	144.4
-57.5°	298.1	271.5	252.5	233.0	213.4	196.1	179.5	162.8	149.6	137.1	125.3
-60°	229.3	210.6	198.6	185.5	171.4	157.1	147.1	136.8	126.2	118.9	111.9
-62.5°	178.8	166.5	156.8	147.8	138.6	129.3	121.8	116.0	109.9	103.7	96.6
-65°	139.6	131.7	124.4	119.0	113.7	108.5	103.7	98.6	92.8	86.7	80.1
-67.5°	109.8	105.2	101.1	97.3	93.5	89.5	85.2	80.4	75.5	70.1	64.0
-70°	85.5	82.4	79.4	76.7	74.0	71.1	67.4	63.3	58.8	54.9	51.3
-72.5°	66.3	64.3	62.1	59.9	57.1	54.6	52.3	49.7	47.0	44.0	41.1
-75°	51.7	50.2	48.7	46.9	45.0	42.9	40.8	38.8	36.8	34.6	32.3
-77.5°	39.0	37.9	36.6	35.2	33.7	32.2	30.7	29.2	27.9	26.7	25.5
-80°	27.4	26.5	25.6	24.8	23.9	23.0	22.0	21.3	20.7	20.3	20.2
-82.5°	17.8	17.6	17.5	17.3	17.2	17.1	17.1	17.1	17.1	17.0	16.9
-85°	11.5	12.1	12.7	13.0	13.3	13.7	13.9	14.1	14.2	14.4	14.6
-87.5°	7.7	8.2	8.7	8.9	9.1	9.3	9.4	9.5	9.5	9.5	9.5
-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: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-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°	9.8	9.5	9.2	8.8	8.4	7.9	7.4	6.9	6.3	5.7	5.1
85°	15.7	15.8	15.8	15.9	15.8	15.8	14.8	13.8	12.6	11.4	10.2
82.5°	17.8	17.9	18.0	18.0	17.9	17.7	17.5	17.3	17.1	16.9	15.3
80°	20.6	20.7	20.7	20.5	20.1	19.6	19.3	18.9	18.5	18.2	17.7
77.5°	24.2	23.9	23.5	23.3	22.6	22.0	21.3	20.6	20.0	19.4	18.9
75°	28.6	27.8	27.1	26.4	25.4	24.4	23.5	22.6	21.7	20.8	20.0
72.5°	34.8	33.0	31.3	29.6	28.4	27.1	25.9	24.6	23.5	22.4	21.2
70°	41.7	38.9	36.5	34.2	32.0	29.9	28.4	26.9	25.3	23.9	22.6
67.5°	49.2	46.0	42.7	39.1	36.2	33.6	31.1	29.2	27.4	25.5	24.0
65°	60.6	55.0	49.3	45.3	41.1	37.3	34.4	31.7	29.5	27.4	25.3
62.5°	72.0	65.9	59.5	52.4	46.8	42.2	37.7	34.6	31.6	29.2	26.9
60°	83.6	76.8	69.9	62.6	54.4	47.3	42.2	37.4	34.1	31.0	28.4
57.5°	92.9	87.2	80.2	72.5	64.0	54.6	46.9	41.2	36.5	33.0	30.0
55°	102.8	95.6	89.6	82.1	73.5	63.7	52.9	45.5	39.2	35.0	31.5
52.5°	116.6	105.7	97.3	90.8	82.3	72.5	61.0	49.7	43.0	37.0	33.2
50°	133.2	118.7	106.7	97.6	90.6	80.5	68.9	56.5	46.7	39.3	34.9
47.5°	152.7	134.7	118.8	105.5	96.7	88.6	76.4	63.3	50.4	42.6	36.5
45°	176.6	152.9	132.8	116.5	102.9	95.0	83.8	69.9	56.2	45.9	38.1
42.5°	202.8	175.5	149.6	127.3	112.5	100.7	91.2	76.6	61.8	49.2	40.5
40°	237.4	201.4	168.3	143.1	122.6	106.6	96.7	83.2	67.2	52.9	43.3
37.5°	273.2	232.0	193.1	159.3	133.7	115.6	102.0	89.7	72.8	57.7	46.0
35°	318.2	265.6	218.7	179.6	148.6	124.2	107.2	95.4	78.6	62.3	48.6
32.5°	364.0	302.0	249.0	202.6	163.5	132.5	113.7	100.0	84.1	66.6	51.1
30°	444.7	345.4	279.1	225.0	179.9	145.3	121.0	104.5	89.4	70.8	53.8
27.5°	550.9	389.9	310.8	250.3	199.5	158.2	128.0	108.9	94.3	74.8	57.1
25°	684.2	476.6	350.6	275.9	218.2	170.2	134.6	113.1	98.2	78.9	60.3
22.5°	866.6	586.3	390.4	300.3	234.8	181.3	142.8	118.7	101.6	82.6	63.2
20°	1063.4	703.4	431.5	324.7	252.4	195.0	152.0	123.9	104.9	86.0	65.9
17.5°	1279.0	857.9	530.4	361.2	270.3	207.4	160.2	128.6	107.9	89.1	68.3
15°	1585.8	1056.2	643.6	400.2	286.7	218.7	167.6	133.0	110.7	91.8	70.5
12.5°	1930.4	1260.9	758.8	440.6	301.4	228.6	174.0	136.9	113.2	94.5	72.3
10°	2292.3	1466.2	872.6	481.0	314.4	237.1	179.5	141.2	116.3	97.0	73.9
7.5°	2657.9	1665.7	981.5	519.8	326.6	245.9	188.2	146.9	119.2	99.3	75.2
5°	3019.0	1871.0	1097.1	574.2	343.1	254.8	196.8	152.3	121.9	101.3	76.3
2.5°	3379.4	2086.4	1209.6	627.8	357.8	262.1	204.5	157.3	124.2	103.0	77.0
0°	3696.9	2275.9	1305.3	675.1	370.1	267.8	211.3	161.6	126.2	104.2	77.5
-2.5°	3870.6	2376.5	1348.5	708.6	386.2	275.3	217.4	165.0	127.4	104.5	77.6
-5°	3978.0	2434.6	1369.2	731.0	398.7	281.4	222.3	167.6	128.1	104.4	77.5
-7.5°	3869.0	2361.8	1341.0	736.7	406.8	285.8	225.6	169.1	128.4	103.8	77.0
-10°	3650.5	2195.7	1253.1	707.4	411.2	286.1	226.4	169.5	128.1	102.8	76.2
-12.5°	3352.1	1993.8	1151.1	672.4	408.2	281.8	220.0	166.2	127.1	101.4	75.1
-15°	2970.5	1757.8	1037.7	633.3	396.6	274.8	212.1	161.0	124.9	99.4	73.6
-17.5°	2505.6	1489.4	914.9	591.6	375.2	264.8	202.9	155.2	122.3	97.0	71.8
-20°	2146.9	1258.7	797.4	548.8	343.2	251.8	192.3	148.7	119.3	94.1	69.7



REPORT NUMBER: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1779.2	1075.5	712.1	510.0	312.4	235.4	180.4	141.8	116.0	90.8	67.2
-25°	1369.3	877.9	619.4	436.4	293.1	221.0	169.5	134.4	112.3	87.1	64.4
-27.5°	1081.7	696.2	524.9	364.3	265.2	205.2	160.3	129.7	108.1	82.9	61.2
-30°	840.6	590.4	441.1	303.9	235.8	187.2	150.8	124.8	103.0	78.8	57.7
-32.5°	626.8	484.8	364.4	270.2	212.4	169.8	140.9	119.6	97.4	74.4	55.1
-35°	515.7	398.3	295.2	235.3	192.3	158.1	132.0	114.2	91.4	69.7	52.7
-37.5°	404.6	325.6	256.3	206.0	172.7	146.2	125.4	107.3	84.9	64.6	50.1
-40°	333.4	269.0	218.2	185.2	157.8	134.1	118.7	99.4	78.5	59.1	47.4
-42.5°	271.0	229.6	192.9	165.4	144.4	126.5	111.6	91.0	71.8	55.0	44.5
-45°	231.4	196.8	171.2	150.5	131.7	119.0	101.9	82.4	64.7	51.6	41.8
-47.5°	196.4	172.8	152.6	135.4	123.5	110.4	91.7	74.1	57.3	48.0	39.4
-50°	170.1	151.5	136.4	124.6	114.9	98.8	81.4	65.4	53.0	44.2	36.8
-52.5°	148.4	134.4	123.7	115.1	102.4	86.8	71.5	56.9	48.6	40.8	34.1
-55°	130.6	121.2	113.6	102.7	89.1	75.2	61.2	51.8	44.0	37.4	31.5
-57.5°	117.6	110.4	100.3	88.6	76.2	63.6	53.7	46.6	39.9	34.0	30.0
-60°	104.8	95.7	85.7	74.8	63.6	54.4	47.9	41.5	35.7	30.7	28.4
-62.5°	88.8	80.3	71.1	61.1	53.7	47.9	42.0	36.6	31.4	28.9	26.8
-65°	72.9	65.1	56.9	51.8	46.6	41.4	36.3	31.5	28.9	27.1	25.2
-67.5°	57.3	52.9	48.6	44.0	39.5	35.0	30.5	28.4	26.8	25.2	23.6
-70°	47.6	43.9	40.2	36.3	32.4	28.9	27.4	26.0	24.7	23.4	22.0
-72.5°	38.3	35.3	31.9	28.7	27.4	26.2	24.9	23.7	22.7	21.6	20.3
-75°	29.7	27.9	26.5	25.4	24.4	23.4	22.5	21.7	20.8	19.8	19.1
-77.5°	24.4	23.5	22.8	22.4	21.7	21.0	20.3	19.6	19.0	18.5	18.0
-80°	20.1	20.0	19.8	19.6	19.1	18.7	18.3	17.9	17.6	17.2	16.8
-82.5°	16.9	17.0	17.1	17.1	16.9	16.7	16.5	16.3	16.1	15.9	14.5
-85°	14.7	14.8	14.9	14.9	14.8	14.8	13.9	12.9	11.9	10.8	9.6
-87.5°	9.2	8.9	8.6	8.2	7.8	7.4	6.9	6.5	5.9	5.4	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-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°	4.5	3.7	3.0	2.2	1.5	0.8	0.0
85°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
82.5°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
80°	17.3	14.8	11.9	8.9	6.0	3.0	0.0
77.5°	18.3	17.5	14.8	11.1	7.4	3.7	0.0
75°	19.2	18.3	17.3	13.3	8.9	4.5	0.0
72.5°	20.2	19.1	17.9	15.5	10.3	5.2	0.0
70°	21.2	19.9	18.6	17.3	11.8	5.9	0.0
67.5°	22.3	20.6	19.2	17.8	13.2	6.6	0.0
65°	23.5	21.5	19.8	18.2	14.5	7.3	0.0
62.5°	24.6	22.4	20.4	18.7	15.9	7.9	0.0
60°	25.7	23.3	21.0	19.1	17.2	8.6	0.0
57.5°	27.0	24.2	21.7	19.5	17.5	9.2	0.0
55°	28.3	25.1	22.4	19.9	17.8	9.9	0.0
52.5°	29.6	26.0	23.1	20.3	18.0	10.5	0.0
50°	30.9	27.0	23.7	20.7	18.3	11.1	0.0
47.5°	32.1	28.1	24.3	21.1	18.5	11.6	0.0
45°	33.5	29.1	24.9	21.6	18.8	12.2	0.0
42.5°	34.9	30.1	25.5	22.0	19.0	12.7	0.0
40°	36.2	31.0	26.2	22.4	19.2	13.2	0.0
37.5°	37.5	32.0	26.9	22.8	19.4	13.6	0.0
35°	38.7	32.9	27.6	23.2	19.6	14.1	0.0
32.5°	40.2	33.9	28.3	23.5	19.8	14.5	0.0
30°	42.2	34.8	28.9	23.9	20.0	14.9	0.0
27.5°	44.1	35.7	29.4	24.2	20.1	15.3	0.0
25°	45.9	36.5	30.0	24.4	20.3	15.6	0.0
22.5°	47.6	37.2	30.4	24.7	20.4	15.9	0.0
20°	49.1	37.9	30.9	24.9	20.5	16.2	0.0
17.5°	50.5	38.6	31.2	25.1	20.6	16.4	0.0
15°	51.7	39.1	31.6	25.3	20.7	16.6	0.0
12.5°	52.8	39.6	31.9	25.5	20.8	16.8	0.0
10°	53.6	40.1	32.1	25.6	20.9	16.9	0.0
7.5°	54.3	40.4	32.3	25.7	20.9	17.1	0.0
5°	54.9	40.7	32.4	25.7	21.0	17.1	0.0
2.5°	55.3	41.0	32.5	25.8	21.0	17.2	0.0
0°	55.5	41.1	32.5	25.8	21.0	17.2	0.0
-2.5°	55.5	41.2	32.5	25.8	21.0	17.2	0.0
-5°	55.4	41.2	32.4	25.7	21.0	17.1	0.0
-7.5°	55.1	41.0	32.3	25.7	20.9	17.1	0.0
-10°	54.6	40.8	32.1	25.6	20.9	16.9	0.0
-12.5°	54.0	40.5	31.9	25.5	20.8	16.8	0.0
-15°	53.2	40.2	31.6	25.3	20.7	16.6	0.0
-17.5°	52.3	39.7	31.2	25.1	20.6	16.4	0.0
-20°	51.1	39.1	30.9	24.9	20.5	16.2	0.0



REPORT NUMBER: P1306561 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200R-57-70-5L-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	49.8	38.4	30.4	24.7	20.4	15.9	0.0
-25°	48.3	37.5	30.0	24.4	20.3	15.6	0.0
-27.5°	46.7	36.6	29.4	24.2	20.1	15.3	0.0
-30°	44.9	35.5	28.9	23.9	20.0	14.9	0.0
-32.5°	43.0	34.4	28.3	23.5	19.8	14.5	0.0
-35°	41.4	33.1	27.6	23.2	19.6	14.1	0.0
-37.5°	39.8	32.0	26.9	22.8	19.4	13.6	0.0
-40°	38.1	31.0	26.2	22.4	19.2	13.2	0.0
-42.5°	36.2	30.1	25.5	22.0	19.0	12.7	0.0
-45°	34.3	29.1	24.9	21.5	18.8	12.2	0.0
-47.5°	32.2	28.1	24.3	21.1	18.5	11.6	0.0
-50°	30.9	27.0	23.6	20.6	18.3	11.1	0.0
-52.5°	29.6	26.0	22.9	20.2	18.0	10.5	0.0
-55°	28.3	25.0	22.2	19.8	17.8	9.9	0.0
-57.5°	27.0	24.1	21.4	19.4	17.5	9.2	0.0
-60°	25.7	23.1	20.6	19.0	17.2	8.6	0.0
-62.5°	24.4	22.0	20.0	18.5	15.9	7.9	0.0
-65°	23.1	21.0	19.4	18.0	14.5	7.3	0.0
-67.5°	21.7	20.0	18.8	17.6	13.2	6.6	0.0
-70°	20.4	19.2	18.2	17.1	11.8	5.9	0.0
-72.5°	19.3	18.4	17.5	15.3	10.3	5.2	0.0
-75°	18.4	17.6	16.9	13.2	8.9	4.5	0.0
-77.5°	17.4	16.8	14.4	11.0	7.4	3.7	0.0
-80°	16.4	14.3	11.6	8.8	6.0	3.0	0.0
-82.5°	12.6	10.7	8.7	6.6	4.5	2.2	0.0
-85°	8.4	7.1	5.8	4.4	3.0	1.5	0.0
-87.5°	4.2	3.6	2.9	2.2	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)