

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: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-70-7F-HEG-A**

Issue Date: 2/3/2026

Test Information

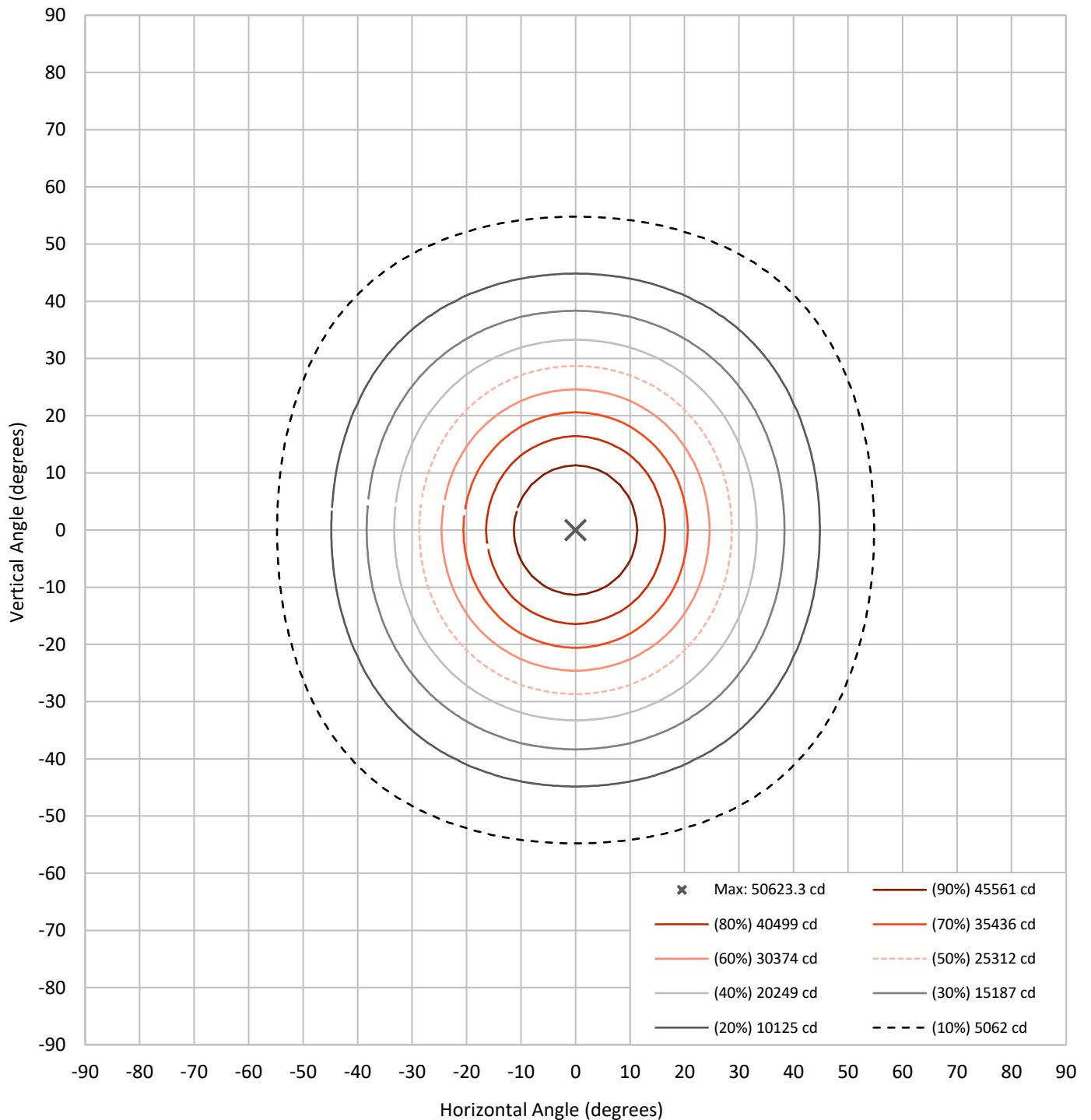
Test Method: LM-79-08
Report Number: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-7)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-57-70-7F-HEG-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 7F BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	57118.5 lumens	Max Intensity:	50623.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	171.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.4°H x 57.4°V	Field Angle (10%):	109.4°H x 109.4°V
Beam Lumens:	28130.8 lumens	Field Lumens:	51818.8 lumens
Beam Efficiency:	49.2%	Field Efficiency:	90.7%
Input Watts (W):	334		
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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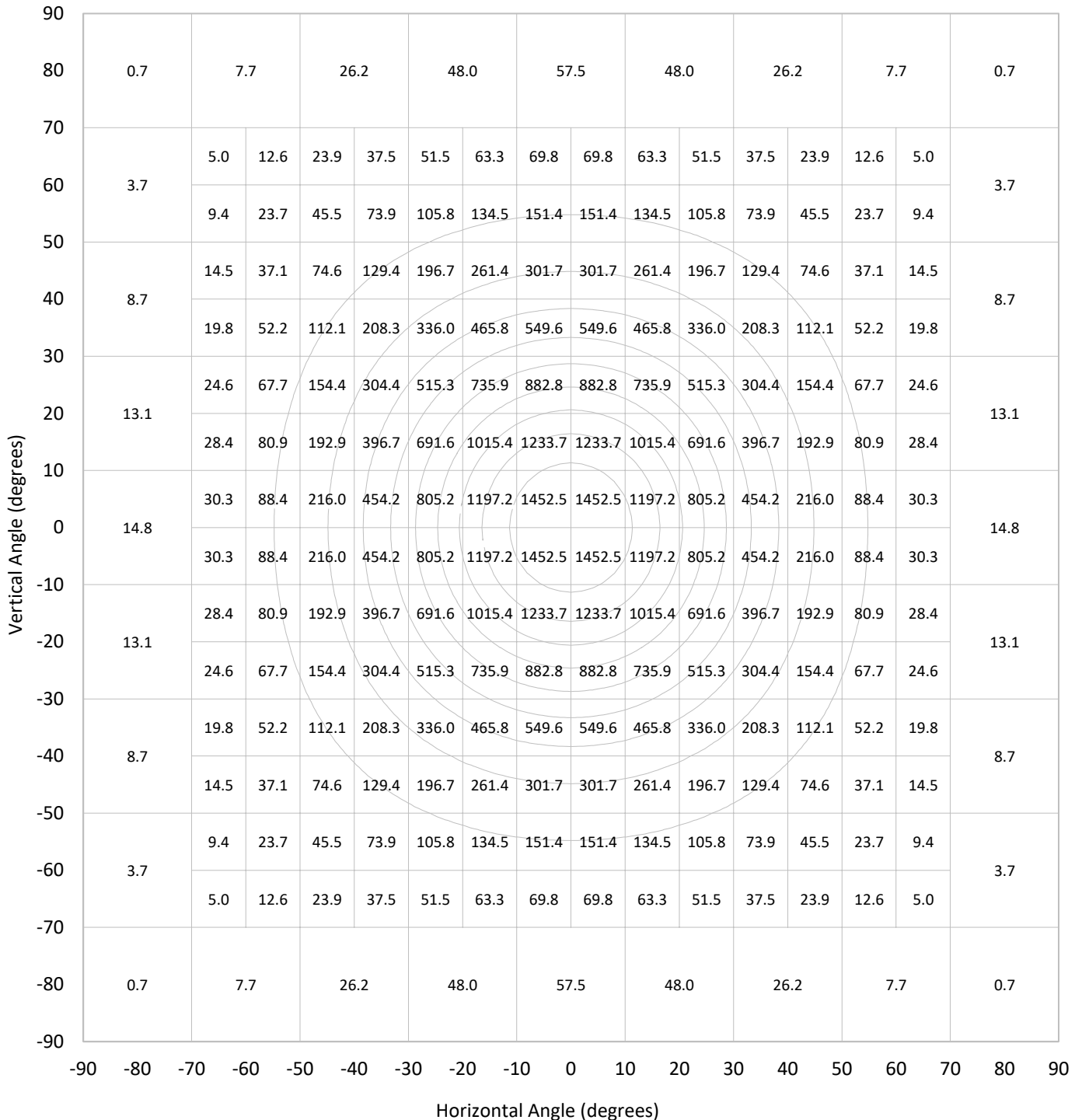
Iso-Candela Plot





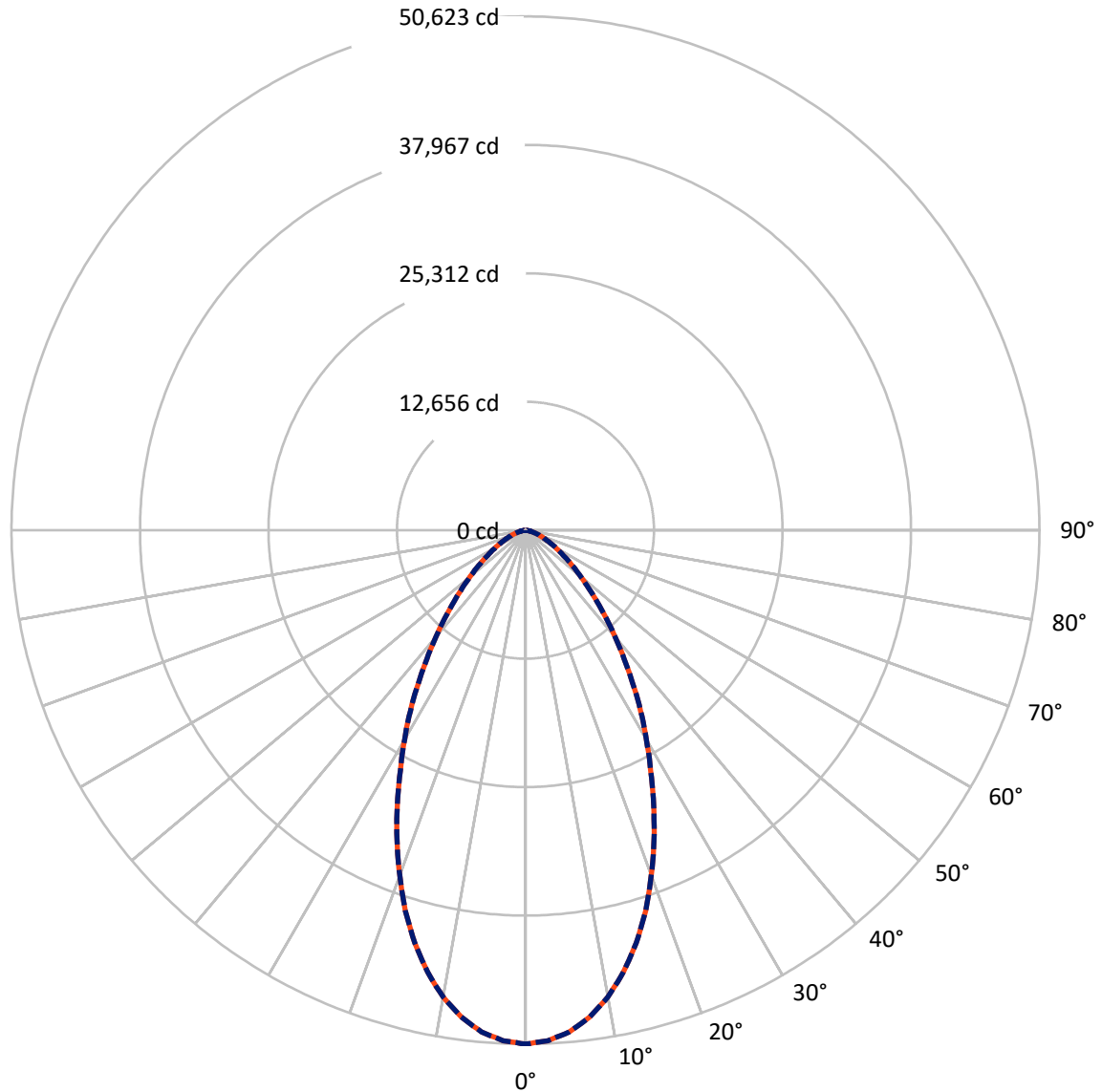
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Lumen Table



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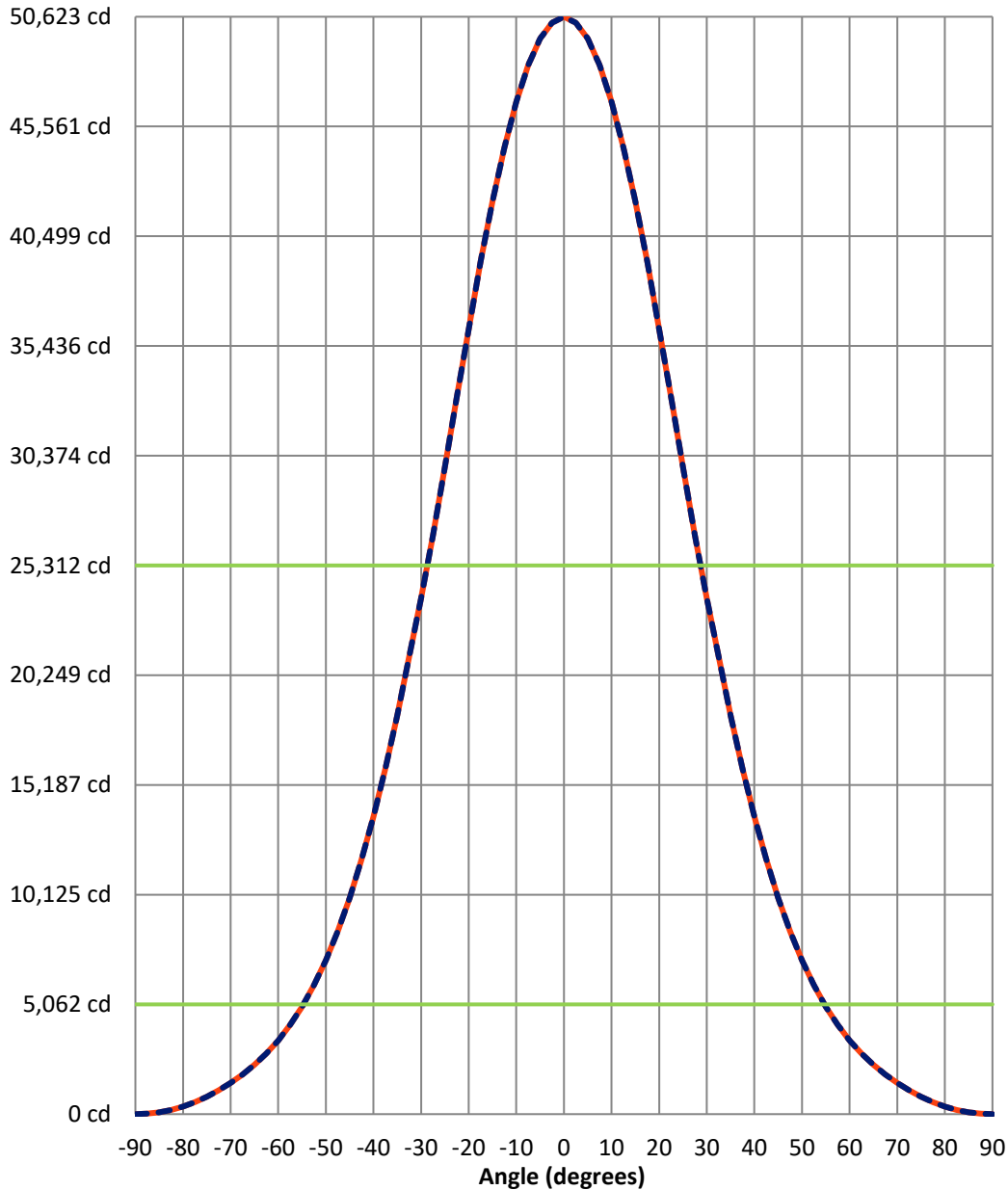
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 57.4°
 V Angle: 57.4°
 Lumens: 28130.8
 Efficiency: 49.2%

Field:
 H Angle: 109.4°
 V Angle: 109.4°
 Lumens: 51818.8
 Efficiency: 90.7%

Spill:
 Lumens: 5299.7
 Efficiency: 9.3%

— 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	1.1	2.2	3.4	4.5	5.6	6.6	7.7	8.8	9.8	10.9
85°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	15.4	17.6	19.6	21.7
82.5°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	23.1	27.1	34.2	41.2
80°	0.0	4.5	8.9	13.4	17.8	22.1	27.5	37.3	46.9	56.5	65.8
77.5°	0.0	5.6	11.1	16.6	22.1	30.0	42.4	54.6	66.7	78.6	95.0
75°	0.0	6.6	13.3	19.9	27.5	42.4	57.2	71.8	87.8	113.7	139.2
72.5°	0.0	7.7	15.4	23.1	37.3	54.6	71.8	92.5	123.1	153.3	183.0
70°	0.0	8.8	17.6	27.1	46.9	66.7	87.8	123.1	158.0	192.8	242.9
67.5°	0.0	9.8	19.6	34.2	56.5	78.6	113.7	153.3	192.8	249.9	306.1
65°	0.0	10.9	21.7	41.2	65.8	95.0	139.2	183.0	242.9	306.1	373.5
62.5°	0.0	11.9	23.7	48.1	75.0	115.9	164.2	222.0	292.1	364.5	452.2
60°	0.0	12.8	25.7	54.9	84.0	136.4	188.7	264.2	340.3	434.1	529.4
57.5°	0.0	13.8	30.0	61.4	99.5	156.3	222.8	305.5	398.1	502.2	616.2
55°	0.0	14.7	34.3	67.8	115.1	175.7	257.3	345.7	457.1	571.8	706.2
52.5°	0.0	15.6	38.4	74.0	130.2	196.0	290.7	394.7	514.5	650.7	793.9
50°	0.0	16.5	42.4	80.0	144.7	223.0	323.2	443.4	573.8	727.3	894.1
47.5°	0.0	17.4	46.3	86.9	158.8	249.1	355.7	490.4	639.6	801.3	992.9
45°	0.0	18.2	50.0	97.1	172.4	274.1	394.5	535.7	702.9	886.6	1088.2
42.5°	0.0	18.9	53.5	106.8	185.3	298.2	431.6	584.7	763.7	968.8	1190.6
40°	0.0	19.7	56.9	116.0	200.6	321.1	467.1	635.4	825.6	1047.5	1290.5
37.5°	0.0	20.4	60.1	124.8	218.0	342.9	500.8	683.6	891.9	1125.3	1385.7
35°	0.0	21.1	63.1	133.1	234.5	367.3	532.7	729.3	954.7	1206.1	1480.7
32.5°	0.0	21.7	66.0	141.0	249.9	392.2	564.7	772.3	1013.9	1282.3	1577.5
30°	0.0	22.3	68.6	148.3	264.4	415.5	599.0	814.3	1069.3	1353.7	1668.2
27.5°	0.0	22.8	71.1	155.0	277.8	437.2	630.8	859.1	1123.4	1420.1	1752.7
25°	0.0	23.3	73.4	161.2	290.1	457.1	660.1	900.3	1177.4	1486.7	1831.2
22.5°	0.0	23.7	75.4	166.9	301.3	475.2	686.9	938.0	1226.7	1550.2	1914.2
20°	0.0	24.1	77.3	172.0	311.4	491.5	710.9	971.9	1271.1	1607.5	1989.2
17.5°	0.0	24.5	79.0	176.5	320.4	506.0	732.3	1002.0	1310.6	1658.5	2055.9
15°	0.0	24.8	80.4	180.5	328.2	518.6	750.9	1028.2	1345.0	1702.9	2114.1
12.5°	0.0	25.1	81.6	183.8	334.8	529.4	766.8	1050.5	1374.3	1740.7	2163.6
10°	0.0	25.3	82.6	186.6	340.3	538.2	779.8	1068.8	1398.4	1771.8	2204.4
7.5°	0.0	25.5	83.4	188.7	344.5	545.0	789.9	1083.1	1417.2	1796.1	2236.2
5°	0.0	25.6	84.0	190.3	347.6	550.0	797.2	1093.4	1430.6	1813.5	2259.0
2.5°	0.0	25.7	84.3	191.2	349.4	552.9	801.5	1099.5	1438.7	1823.9	2272.7
0°	0.0	25.7	84.4	191.5	350.0	553.9	803.0	1101.6	1441.4	1827.4	2277.3
-2.5°	0.0	25.7	84.3	191.2	349.4	552.9	801.5	1099.5	1438.7	1823.9	2272.7
-5°	0.0	25.6	84.0	190.3	347.6	550.0	797.2	1093.4	1430.6	1813.5	2259.0
-7.5°	0.0	25.5	83.4	188.7	344.5	545.0	789.9	1083.1	1417.2	1796.1	2236.2
-10°	0.0	25.3	82.6	186.6	340.3	538.2	779.8	1068.8	1398.4	1771.8	2204.4
-12.5°	0.0	25.1	81.6	183.8	334.8	529.4	766.8	1050.5	1374.3	1740.7	2163.6
-15°	0.0	24.8	80.4	180.5	328.2	518.6	750.9	1028.2	1345.0	1702.9	2114.1
-17.5°	0.0	24.5	79.0	176.5	320.4	506.0	732.3	1002.0	1310.6	1658.5	2055.9
-20°	0.0	24.1	77.3	172.0	311.4	491.5	710.9	971.9	1271.1	1607.5	1989.2



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 CATALOG NUMBER: EPH-08-320L-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.7	75.4	166.9	301.3	475.2	686.9	938.0	1226.7	1550.2	1914.2
-25°	0.0	23.3	73.4	161.2	290.1	457.1	660.1	900.3	1177.4	1486.7	1831.2
-27.5°	0.0	22.8	71.1	155.0	277.8	437.2	630.8	859.1	1123.4	1420.1	1752.7
-30°	0.0	22.3	68.6	148.3	264.4	415.5	599.0	814.3	1069.3	1353.7	1668.2
-32.5°	0.0	21.7	66.0	141.0	249.9	392.2	564.7	772.3	1013.9	1282.3	1577.5
-35°	0.0	21.1	63.1	133.1	234.5	367.3	532.7	729.3	954.7	1206.1	1480.7
-37.5°	0.0	20.4	60.1	124.8	218.0	342.9	500.8	683.6	891.9	1125.3	1385.7
-40°	0.0	19.7	56.9	116.0	200.6	321.1	467.1	635.4	825.6	1047.5	1290.5
-42.5°	0.0	18.9	53.5	106.8	185.3	298.2	431.6	584.7	763.7	968.8	1190.6
-45°	0.0	18.2	50.0	97.1	172.4	274.1	394.5	535.7	702.9	886.6	1088.2
-47.5°	0.0	17.4	46.3	86.9	158.8	249.1	355.7	490.4	639.6	801.3	992.9
-50°	0.0	16.5	42.4	80.0	144.7	223.0	323.2	443.4	573.8	727.3	894.1
-52.5°	0.0	15.6	38.4	74.0	130.2	196.0	290.7	394.7	514.5	650.7	793.9
-55°	0.0	14.7	34.3	67.8	115.1	175.7	257.3	345.7	457.1	571.8	706.2
-57.5°	0.0	13.8	30.0	61.4	99.5	156.3	222.8	305.5	398.1	502.2	616.2
-60°	0.0	12.8	25.7	54.9	84.0	136.4	188.7	264.2	340.3	434.1	529.4
-62.5°	0.0	11.9	23.7	48.1	75.0	115.9	164.2	222.0	292.1	364.5	452.2
-65°	0.0	10.9	21.7	41.2	65.8	95.0	139.2	183.0	242.9	306.1	373.5
-67.5°	0.0	9.8	19.6	34.2	56.5	78.6	113.7	153.3	192.8	249.9	306.1
-70°	0.0	8.8	17.6	27.1	46.9	66.7	87.8	123.1	158.0	192.8	242.9
-72.5°	0.0	7.7	15.4	23.1	37.3	54.6	71.8	92.5	123.1	153.3	183.0
-75°	0.0	6.6	13.3	19.9	27.5	42.4	57.2	71.8	87.8	113.7	139.2
-77.5°	0.0	5.6	11.1	16.6	22.1	30.0	42.4	54.6	66.7	78.6	95.0
-80°	0.0	4.5	8.9	13.4	17.8	22.1	27.5	37.3	46.9	56.5	65.8
-82.5°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	23.1	27.1	34.2	41.2
-85°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	15.4	17.6	19.6	21.7
-87.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.6	7.7	8.8	9.8	10.9
-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: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-70-7F-HEG-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°	11.9	12.8	13.8	14.7	15.6	16.5	17.4	18.2	18.9	19.7	20.4
85°	23.7	25.7	30.0	34.3	38.4	42.4	46.3	50.0	53.5	56.9	60.1
82.5°	48.1	54.9	61.4	67.8	74.0	80.0	86.9	97.1	106.8	116.0	124.8
80°	75.0	84.0	99.5	115.1	130.2	144.7	158.8	172.4	185.3	200.6	218.0
77.5°	115.9	136.4	156.3	175.7	196.0	223.0	249.1	274.1	298.2	321.1	342.9
75°	164.2	188.7	222.8	257.3	290.7	323.2	355.7	394.5	431.6	467.1	500.8
72.5°	222.0	264.2	305.5	345.7	394.7	443.4	490.4	535.7	584.7	635.4	683.6
70°	292.1	340.3	398.1	457.1	514.5	573.8	639.6	702.9	763.7	825.6	891.9
67.5°	364.5	434.1	502.2	571.8	650.7	727.3	801.3	886.6	968.8	1047.5	1125.3
65°	452.2	529.4	616.2	706.2	793.9	894.1	992.9	1088.2	1190.6	1290.5	1385.7
62.5°	538.5	638.4	739.7	845.8	961.3	1073.6	1193.6	1313.2	1428.3	1551.8	1671.4
60°	638.4	750.9	872.7	1002.0	1131.6	1271.1	1406.4	1550.2	1693.3	1831.2	1984.1
57.5°	739.7	872.7	1015.6	1162.7	1318.0	1473.0	1639.7	1801.0	1978.0	2152.2	2325.3
55°	845.8	1002.0	1162.7	1333.7	1508.8	1693.8	1881.2	2084.3	2280.8	2498.7	2707.4
52.5°	961.3	1131.6	1318.0	1508.8	1711.9	1923.8	2148.6	2380.6	2624.3	2868.2	3127.2
50°	1073.6	1271.1	1473.0	1693.8	1923.8	2170.1	2430.8	2700.3	2985.9	3275.4	3587.6
47.5°	1193.6	1406.4	1639.7	1881.2	2148.6	2430.8	2725.8	3045.1	3365.3	3734.7	4096.3
45°	1313.2	1550.2	1801.0	2084.3	2380.6	2700.3	3045.1	3395.4	3808.8	4221.1	4661.3
42.5°	1428.3	1693.3	1978.0	2280.8	2624.3	2985.9	3365.3	3808.8	4264.2	4748.8	5271.3
40°	1551.8	1831.2	2152.2	2498.7	2868.2	3275.4	3734.7	4221.1	4748.8	5325.1	5923.4
37.5°	1671.4	1984.1	2325.3	2707.4	3127.2	3587.6	4096.3	4661.3	5271.3	5923.4	6642.1
35°	1784.9	2129.4	2508.6	2922.7	3374.3	3910.6	4487.9	5110.7	5813.8	6578.0	7382.0
32.5°	1902.9	2266.8	2682.0	3139.5	3654.8	4231.2	4864.3	5596.6	6386.8	7228.7	8168.0
30°	2020.1	2414.3	2852.4	3343.7	3923.6	4562.4	5275.7	6072.3	6950.3	7933.4	8987.8
27.5°	2129.4	2553.4	3027.6	3564.6	4182.8	4872.9	5679.3	6568.0	7548.0	8623.3	9801.8
25°	2230.3	2682.0	3189.8	3779.6	4449.4	5204.7	6069.7	7030.6	8130.5	9337.9	10664.2
22.5°	2329.7	2800.2	3338.5	3976.8	4694.4	5525.0	6465.6	7519.9	8703.1	10006.2	11492.3
20°	2426.1	2922.7	3489.7	4160.3	4916.7	5816.1	6826.0	7976.5	9266.8	10712.7	12306.1
17.5°	2511.9	3031.8	3635.6	4342.5	5148.9	6094.4	7158.2	8386.6	9774.1	11350.0	13067.2
15°	2586.8	3127.2	3763.1	4502.0	5359.0	6355.8	7491.0	8792.4	10262.7	11930.7	13744.6
12.5°	2650.6	3208.5	3871.9	4638.3	5538.5	6579.5	7776.2	9146.8	10710.0	12467.6	14401.7
10°	2703.2	3275.4	3961.6	4750.5	5686.6	6764.2	8012.0	9440.2	11081.0	12913.6	14948.9
7.5°	2744.2	3327.8	4031.7	4838.4	5802.6	6909.0	8197.0	9670.7	11372.8	13265.0	15380.8
5°	2773.6	3365.3	4081.9	4901.5	5885.9	7013.0	8330.1	9836.6	11583.0	13518.4	15692.7
2.5°	2791.3	3387.9	4112.2	4939.4	5936.1	7075.7	8410.2	9936.6	11709.8	13671.5	15881.3
0°	2797.2	3395.4	4122.3	4952.1	5952.8	7096.6	8437.0	9970.0	11752.2	13722.7	15944.4
-2.5°	2791.3	3387.9	4112.2	4939.4	5936.1	7075.7	8410.2	9936.6	11709.8	13671.5	15881.3
-5°	2773.6	3365.3	4081.9	4901.5	5885.9	7013.0	8330.1	9836.6	11583.0	13518.4	15692.7
-7.5°	2744.2	3327.8	4031.7	4838.4	5802.6	6909.0	8197.0	9670.7	11372.8	13265.0	15380.8
-10°	2703.2	3275.4	3961.6	4750.5	5686.6	6764.2	8012.0	9440.2	11081.0	12913.6	14948.9
-12.5°	2650.6	3208.5	3871.9	4638.3	5538.5	6579.5	7776.2	9146.8	10710.0	12467.6	14401.7
-15°	2586.8	3127.2	3763.1	4502.0	5359.0	6355.8	7491.0	8792.4	10262.7	11930.7	13744.6
-17.5°	2511.9	3031.8	3635.6	4342.5	5148.9	6094.4	7158.2	8386.6	9774.1	11350.0	13067.2
-20°	2426.1	2922.7	3489.7	4160.3	4916.7	5816.1	6826.0	7976.5	9266.8	10712.7	12306.1



REPORT NUMBER: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2329.7	2800.2	3338.5	3976.8	4694.4	5525.0	6465.6	7519.9	8703.1	10006.2	11492.3
-25°	2230.3	2682.0	3189.8	3779.6	4449.4	5204.7	6069.7	7030.6	8130.5	9337.9	10664.2
-27.5°	2129.4	2553.4	3027.6	3564.6	4182.8	4872.9	5679.3	6568.0	7548.0	8623.3	9801.8
-30°	2020.1	2414.3	2852.4	3343.7	3923.6	4562.4	5275.7	6072.3	6950.3	7933.4	8987.8
-32.5°	1902.9	2266.8	2682.0	3139.5	3654.8	4231.2	4864.3	5596.6	6386.8	7228.7	8168.0
-35°	1784.9	2129.4	2508.6	2922.7	3374.3	3910.6	4487.9	5110.7	5813.8	6578.0	7382.0
-37.5°	1671.4	1984.1	2325.3	2707.4	3127.2	3587.6	4096.3	4661.3	5271.3	5923.4	6642.1
-40°	1551.8	1831.2	2152.2	2498.7	2868.2	3275.4	3734.7	4221.1	4748.8	5325.1	5923.4
-42.5°	1428.3	1693.3	1978.0	2280.8	2624.3	2985.9	3365.3	3808.8	4264.2	4748.8	5271.3
-45°	1313.2	1550.2	1801.0	2084.3	2380.6	2700.3	3045.1	3395.4	3808.8	4221.1	4661.3
-47.5°	1193.6	1406.4	1639.7	1881.2	2148.6	2430.8	2725.8	3045.1	3365.3	3734.7	4096.3
-50°	1073.6	1271.1	1473.0	1693.8	1923.8	2170.1	2430.8	2700.3	2985.9	3275.4	3587.6
-52.5°	961.3	1131.6	1318.0	1508.8	1711.9	1923.8	2148.6	2380.6	2624.3	2868.2	3127.2
-55°	845.8	1002.0	1162.7	1333.7	1508.8	1693.8	1881.2	2084.3	2280.8	2498.7	2707.4
-57.5°	739.7	872.7	1015.6	1162.7	1318.0	1473.0	1639.7	1801.0	1978.0	2152.2	2325.3
-60°	638.4	750.9	872.7	1002.0	1131.6	1271.1	1406.4	1550.2	1693.3	1831.2	1984.1
-62.5°	538.5	638.4	739.7	845.8	961.3	1073.6	1193.6	1313.2	1428.3	1551.8	1671.4
-65°	452.2	529.4	616.2	706.2	793.9	894.1	992.9	1088.2	1190.6	1290.5	1385.7
-67.5°	364.5	434.1	502.2	571.8	650.7	727.3	801.3	886.6	968.8	1047.5	1125.3
-70°	292.1	340.3	398.1	457.1	514.5	573.8	639.6	702.9	763.7	825.6	891.9
-72.5°	222.0	264.2	305.5	345.7	394.7	443.4	490.4	535.7	584.7	635.4	683.6
-75°	164.2	188.7	222.8	257.3	290.7	323.2	355.7	394.5	431.6	467.1	500.8
-77.5°	115.9	136.4	156.3	175.7	196.0	223.0	249.1	274.1	298.2	321.1	342.9
-80°	75.0	84.0	99.5	115.1	130.2	144.7	158.8	172.4	185.3	200.6	218.0
-82.5°	48.1	54.9	61.4	67.8	74.0	80.0	86.9	97.1	106.8	116.0	124.8
-85°	23.7	25.7	30.0	34.3	38.4	42.4	46.3	50.0	53.5	56.9	60.1
-87.5°	11.9	12.8	13.8	14.7	15.6	16.5	17.4	18.2	18.9	19.7	20.4
-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: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	21.1	21.7	22.3	22.8	23.3	23.7	24.1	24.5	24.8	25.1	25.3
85°	63.1	66.0	68.6	71.1	73.4	75.4	77.3	79.0	80.4	81.6	82.6
82.5°	133.1	141.0	148.3	155.0	161.2	166.9	172.0	176.5	180.5	183.8	186.6
80°	234.5	249.9	264.4	277.8	290.1	301.3	311.4	320.4	328.2	334.8	340.3
77.5°	367.3	392.2	415.5	437.2	457.1	475.2	491.5	506.0	518.6	529.4	538.2
75°	532.7	564.7	599.0	630.8	660.1	686.9	710.9	732.3	750.9	766.8	779.8
72.5°	729.3	772.3	814.3	859.1	900.3	938.0	971.9	1002.0	1028.2	1050.5	1068.8
70°	954.7	1013.9	1069.3	1123.4	1177.4	1226.7	1271.1	1310.6	1345.0	1374.3	1398.4
67.5°	1206.1	1282.3	1353.7	1420.1	1486.7	1550.2	1607.5	1658.5	1702.9	1740.7	1771.8
65°	1480.7	1577.5	1668.2	1752.7	1831.2	1914.2	1989.2	2055.9	2114.1	2163.6	2204.4
62.5°	1784.9	1902.9	2020.1	2129.4	2230.3	2329.7	2426.1	2511.9	2586.8	2650.6	2703.2
60°	2129.4	2266.8	2414.3	2553.4	2682.0	2800.2	2922.7	3031.8	3127.2	3208.5	3275.4
57.5°	2508.6	2682.0	2852.4	3027.6	3189.8	3338.5	3489.7	3635.6	3763.1	3871.9	3961.6
55°	2922.7	3139.5	3343.7	3564.6	3779.6	3976.8	4160.3	4342.5	4502.0	4638.3	4750.5
52.5°	3374.3	3654.8	3923.6	4182.8	4449.4	4694.4	4916.7	5148.9	5359.0	5538.5	5686.6
50°	3910.6	4231.2	4562.4	4872.9	5204.7	5525.0	5816.1	6094.4	6355.8	6579.5	6764.2
47.5°	4487.9	4864.3	5275.7	5679.3	6069.7	6465.6	6826.0	7158.2	7491.0	7776.2	8012.0
45°	5110.7	5596.6	6072.3	6568.0	7030.6	7519.9	7976.5	8386.6	8792.4	9146.8	9440.2
42.5°	5813.8	6386.8	6950.3	7548.0	8130.5	8703.1	9266.8	9774.1	10262.7	10710.0	11081.0
40°	6578.0	7228.7	7933.4	8623.3	9337.9	10006.2	10712.7	11350.0	11930.7	12467.6	12913.6
37.5°	7382.0	8168.0	8987.8	9801.8	10664.2	11492.3	12306.1	13067.2	13744.6	14401.7	14948.9
35°	8246.7	9172.0	10103.1	11111.9	12096.3	13078.5	14017.3	14943.9	15768.0	16537.4	17195.0
32.5°	9172.0	10213.5	11338.6	12481.9	13605.4	14777.3	15875.5	16972.2	17957.5	18857.7	19650.1
30°	10103.1	11338.6	12611.6	13891.7	15242.4	16571.9	17874.7	19136.8	20317.1	21346.3	22209.0
27.5°	11111.9	12481.9	13891.7	15399.1	16929.5	18432.4	19978.9	21399.6	22675.6	23794.8	24812.6
25°	12096.3	13605.4	15242.4	16929.5	18638.9	20408.2	22065.1	23594.7	25072.0	26389.5	27578.0
22.5°	13078.5	14777.3	16571.9	18432.4	20408.2	22290.1	24085.3	25864.3	27555.6	29122.8	30478.1
20°	14017.3	15875.5	17874.7	19978.9	22065.1	24085.3	26133.0	28169.2	30094.0	31854.3	33365.8
17.5°	14943.9	16972.2	19136.8	21399.6	23594.7	25864.3	28169.2	30430.4	32567.9	34461.9	36103.4
15°	15768.0	17957.5	20317.1	22675.6	25072.0	27555.6	30094.0	32567.9	34837.9	36910.2	38750.5
12.5°	16537.4	18857.7	21346.3	23794.8	26389.5	29122.8	31854.3	34461.9	36910.2	39197.4	41042.2
10°	17195.0	19650.1	22209.0	24812.6	27578.0	30478.1	33365.8	36103.4	38750.5	41042.2	43053.8
7.5°	17715.2	20278.6	22895.5	25626.3	28554.4	31587.7	34568.8	37461.5	40183.5	42586.2	44604.7
5°	18091.6	20734.5	23394.8	26220.1	29270.2	32405.8	35462.5	38481.3	41224.9	43700.5	45764.7
2.5°	18319.4	21010.8	23698.1	26581.7	29707.4	32907.7	36014.0	39115.8	41880.6	44364.8	46458.7
0°	18395.7	21103.4	23799.8	26703.1	29854.5	33076.9	36200.5	39331.4	42104.9	44584.1	46697.7
-2.5°	18319.4	21010.8	23698.1	26581.7	29707.4	32907.7	36014.0	39115.8	41880.6	44364.8	46458.7
-5°	18091.6	20734.5	23394.8	26220.1	29270.2	32405.8	35462.5	38481.3	41224.9	43700.5	45764.7
-7.5°	17715.2	20278.6	22895.5	25626.3	28554.4	31587.7	34568.8	37461.5	40183.5	42586.2	44604.7
-10°	17195.0	19650.1	22209.0	24812.6	27578.0	30478.1	33365.8	36103.4	38750.5	41042.2	43053.8
-12.5°	16537.4	18857.7	21346.3	23794.8	26389.5	29122.8	31854.3	34461.9	36910.2	39197.4	41042.2
-15°	15768.0	17957.5	20317.1	22675.6	25072.0	27555.6	30094.0	32567.9	34837.9	36910.2	38750.5
-17.5°	14943.9	16972.2	19136.8	21399.6	23594.7	25864.3	28169.2	30430.4	32567.9	34461.9	36103.4
-20°	14017.3	15875.5	17874.7	19978.9	22065.1	24085.3	26133.0	28169.2	30094.0	31854.3	33365.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13078.5	14777.3	16571.9	18432.4	20408.2	22290.1	24085.3	25864.3	27555.6	29122.8	30478.1
-25°	12096.3	13605.4	15242.4	16929.5	18638.9	20408.2	22065.1	23594.7	25072.0	26389.5	27578.0
-27.5°	11111.9	12481.9	13891.7	15399.1	16929.5	18432.4	19978.9	21399.6	22675.6	23794.8	24812.6
-30°	10103.1	11338.6	12611.6	13891.7	15242.4	16571.9	17874.7	19136.8	20317.1	21346.3	22209.0
-32.5°	9172.0	10213.5	11338.6	12481.9	13605.4	14777.3	15875.5	16972.2	17957.5	18857.7	19650.1
-35°	8246.7	9172.0	10103.1	11111.9	12096.3	13078.5	14017.3	14943.9	15768.0	16537.4	17195.0
-37.5°	7382.0	8168.0	8987.8	9801.8	10664.2	11492.3	12306.1	13067.2	13744.6	14401.7	14948.9
-40°	6578.0	7228.7	7933.4	8623.3	9337.9	10006.2	10712.7	11350.0	11930.7	12467.6	12913.6
-42.5°	5813.8	6386.8	6950.3	7548.0	8130.5	8703.1	9266.8	9774.1	10262.7	10710.0	11081.0
-45°	5110.7	5596.6	6072.3	6568.0	7030.6	7519.9	7976.5	8386.6	8792.4	9146.8	9440.2
-47.5°	4487.9	4864.3	5275.7	5679.3	6069.7	6465.6	6826.0	7158.2	7491.0	7776.2	8012.0
-50°	3910.6	4231.2	4562.4	4872.9	5204.7	5525.0	5816.1	6094.4	6355.8	6579.5	6764.2
-52.5°	3374.3	3654.8	3923.6	4182.8	4449.4	4694.4	4916.7	5148.9	5359.0	5538.5	5686.6
-55°	2922.7	3139.5	3343.7	3564.6	3779.6	3976.8	4160.3	4342.5	4502.0	4638.3	4750.5
-57.5°	2508.6	2682.0	2852.4	3027.6	3189.8	3338.5	3489.7	3635.6	3763.1	3871.9	3961.6
-60°	2129.4	2266.8	2414.3	2553.4	2682.0	2800.2	2922.7	3031.8	3127.2	3208.5	3275.4
-62.5°	1784.9	1902.9	2020.1	2129.4	2230.3	2329.7	2426.1	2511.9	2586.8	2650.6	2703.2
-65°	1480.7	1577.5	1668.2	1752.7	1831.2	1914.2	1989.2	2055.9	2114.1	2163.6	2204.4
-67.5°	1206.1	1282.3	1353.7	1420.1	1486.7	1550.2	1607.5	1658.5	1702.9	1740.7	1771.8
-70°	954.7	1013.9	1069.3	1123.4	1177.4	1226.7	1271.1	1310.6	1345.0	1374.3	1398.4
-72.5°	729.3	772.3	814.3	859.1	900.3	938.0	971.9	1002.0	1028.2	1050.5	1068.8
-75°	532.7	564.7	599.0	630.8	660.1	686.9	710.9	732.3	750.9	766.8	779.8
-77.5°	367.3	392.2	415.5	437.2	457.1	475.2	491.5	506.0	518.6	529.4	538.2
-80°	234.5	249.9	264.4	277.8	290.1	301.3	311.4	320.4	328.2	334.8	340.3
-82.5°	133.1	141.0	148.3	155.0	161.2	166.9	172.0	176.5	180.5	183.8	186.6
-85°	63.1	66.0	68.6	71.1	73.4	75.4	77.3	79.0	80.4	81.6	82.6
-87.5°	21.1	21.7	22.3	22.8	23.3	23.7	24.1	24.5	24.8	25.1	25.3
-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: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-70-7F-HEG-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°	25.5	25.6	25.7	25.7	25.7	25.6	25.5	25.3	25.1	24.8	24.5
85°	83.4	84.0	84.3	84.4	84.3	84.0	83.4	82.6	81.6	80.4	79.0
82.5°	188.7	190.3	191.2	191.5	191.2	190.3	188.7	186.6	183.8	180.5	176.5
80°	344.5	347.6	349.4	350.0	349.4	347.6	344.5	340.3	334.8	328.2	320.4
77.5°	545.0	550.0	552.9	553.9	552.9	550.0	545.0	538.2	529.4	518.6	506.0
75°	789.9	797.2	801.5	803.0	801.5	797.2	789.9	779.8	766.8	750.9	732.3
72.5°	1083.1	1093.4	1099.5	1101.6	1099.5	1093.4	1083.1	1068.8	1050.5	1028.2	1002.0
70°	1417.2	1430.6	1438.7	1441.4	1438.7	1430.6	1417.2	1398.4	1374.3	1345.0	1310.6
67.5°	1796.1	1813.5	1823.9	1827.4	1823.9	1813.5	1796.1	1771.8	1740.7	1702.9	1658.5
65°	2236.2	2259.0	2272.7	2277.3	2272.7	2259.0	2236.2	2204.4	2163.6	2114.1	2055.9
62.5°	2744.2	2773.6	2791.3	2797.2	2791.3	2773.6	2744.2	2703.2	2650.6	2586.8	2511.9
60°	3327.8	3365.3	3387.9	3395.4	3387.9	3365.3	3327.8	3275.4	3208.5	3127.2	3031.8
57.5°	4031.7	4081.9	4112.2	4122.3	4112.2	4081.9	4031.7	3961.6	3871.9	3763.1	3635.6
55°	4838.4	4901.5	4939.4	4952.1	4939.4	4901.5	4838.4	4750.5	4638.3	4502.0	4342.5
52.5°	5802.6	5885.9	5936.1	5952.8	5936.1	5885.9	5802.6	5686.6	5538.5	5359.0	5148.9
50°	6909.0	7013.0	7075.7	7096.6	7075.7	7013.0	6909.0	6764.2	6579.5	6355.8	6094.4
47.5°	8197.0	8330.1	8410.2	8437.0	8410.2	8330.1	8197.0	8012.0	7776.2	7491.0	7158.2
45°	9670.7	9836.6	9936.6	9970.0	9936.6	9836.6	9670.7	9440.2	9146.8	8792.4	8386.6
42.5°	11372.8	11583.0	11709.8	11752.2	11709.8	11583.0	11372.8	11081.0	10710.0	10262.7	9774.1
40°	13265.0	13518.4	13671.5	13722.7	13671.5	13518.4	13265.0	12913.6	12467.6	11930.7	11350.0
37.5°	15380.8	15692.7	15881.3	15944.4	15881.3	15692.7	15380.8	14948.9	14401.7	13744.6	13067.2
35°	17715.2	18091.6	18319.4	18395.7	18319.4	18091.6	17715.2	17195.0	16537.4	15768.0	14943.9
32.5°	20278.6	20734.5	21010.8	21103.4	21010.8	20734.5	20278.6	19650.1	18857.7	17957.5	16972.2
30°	22895.5	23394.8	23698.1	23799.8	23698.1	23394.8	22895.5	22209.0	21346.3	20317.1	19136.8
27.5°	25626.3	26220.1	26581.7	26703.1	26581.7	26220.1	25626.3	24812.6	23794.8	22675.6	21399.6
25°	28554.4	29270.2	29707.4	29854.5	29707.4	29270.2	28554.4	27578.0	26389.5	25072.0	23594.7
22.5°	31587.7	32405.8	32907.7	33076.9	32907.7	32405.8	31587.7	30478.1	29122.8	27555.6	25864.3
20°	34568.8	35462.5	36014.0	36200.5	36014.0	35462.5	34568.8	33365.8	31854.3	30094.0	28169.2
17.5°	37461.5	38481.3	39115.8	39331.4	39115.8	38481.3	37461.5	36103.4	34461.9	32567.9	30430.4
15°	40183.5	41224.9	41880.6	42104.9	41880.6	41224.9	40183.5	38750.5	36910.2	34837.9	32567.9
12.5°	42586.2	43700.5	44364.8	44584.1	44364.8	43700.5	42586.2	41042.2	39197.4	36910.2	34461.9
10°	44604.7	45764.7	46458.7	46697.7	46458.7	45764.7	44604.7	43053.8	41042.2	38750.5	36103.4
7.5°	46233.7	47415.1	48149.3	48385.6	48149.3	47415.1	46233.7	44604.7	42586.2	40183.5	37461.5
5°	47415.1	48639.5	49350.2	49613.3	49350.2	48639.5	47415.1	45764.7	43700.5	41224.9	38481.3
2.5°	48149.3	49350.2	50090.5	50341.7	50090.5	49350.2	48149.3	46458.7	44364.8	41880.6	39115.8
0°	48385.6	49613.3	50341.7	50623.3	50341.7	49613.3	48385.6	46697.7	44584.1	42104.9	39331.4
-2.5°	48149.3	49350.2	50090.5	50341.7	50090.5	49350.2	48149.3	46458.7	44364.8	41880.6	39115.8
-5°	47415.1	48639.5	49350.2	49613.3	49350.2	48639.5	47415.1	45764.7	43700.5	41224.9	38481.3
-7.5°	46233.7	47415.1	48149.3	48385.6	48149.3	47415.1	46233.7	44604.7	42586.2	40183.5	37461.5
-10°	44604.7	45764.7	46458.7	46697.7	46458.7	45764.7	44604.7	43053.8	41042.2	38750.5	36103.4
-12.5°	42586.2	43700.5	44364.8	44584.1	44364.8	43700.5	42586.2	41042.2	39197.4	36910.2	34461.9
-15°	40183.5	41224.9	41880.6	42104.9	41880.6	41224.9	40183.5	38750.5	36910.2	34837.9	32567.9
-17.5°	37461.5	38481.3	39115.8	39331.4	39115.8	38481.3	37461.5	36103.4	34461.9	32567.9	30430.4
-20°	34568.8	35462.5	36014.0	36200.5	36014.0	35462.5	34568.8	33365.8	31854.3	30094.0	28169.2



REPORT NUMBER: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	31587.7	32405.8	32907.7	33076.9	32907.7	32405.8	31587.7	30478.1	29122.8	27555.6	25864.3
-25°	28554.4	29270.2	29707.4	29854.5	29707.4	29270.2	28554.4	27578.0	26389.5	25072.0	23594.7
-27.5°	25626.3	26220.1	26581.7	26703.1	26581.7	26220.1	25626.3	24812.6	23794.8	22675.6	21399.6
-30°	22895.5	23394.8	23698.1	23799.8	23698.1	23394.8	22895.5	22209.0	21346.3	20317.1	19136.8
-32.5°	20278.6	20734.5	21010.8	21103.4	21010.8	20734.5	20278.6	19650.1	18857.7	17957.5	16972.2
-35°	17715.2	18091.6	18319.4	18395.7	18319.4	18091.6	17715.2	17195.0	16537.4	15768.0	14943.9
-37.5°	15380.8	15692.7	15881.3	15944.4	15881.3	15692.7	15380.8	14948.9	14401.7	13744.6	13067.2
-40°	13265.0	13518.4	13671.5	13722.7	13671.5	13518.4	13265.0	12913.6	12467.6	11930.7	11350.0
-42.5°	11372.8	11583.0	11709.8	11752.2	11709.8	11583.0	11372.8	11081.0	10710.0	10262.7	9774.1
-45°	9670.7	9836.6	9936.6	9970.0	9936.6	9836.6	9670.7	9440.2	9146.8	8792.4	8386.6
-47.5°	8197.0	8330.1	8410.2	8437.0	8410.2	8330.1	8197.0	8012.0	7776.2	7491.0	7158.2
-50°	6909.0	7013.0	7075.7	7096.6	7075.7	7013.0	6909.0	6764.2	6579.5	6355.8	6094.4
-52.5°	5802.6	5885.9	5936.1	5952.8	5936.1	5885.9	5802.6	5686.6	5538.5	5359.0	5148.9
-55°	4838.4	4901.5	4939.4	4952.1	4939.4	4901.5	4838.4	4750.5	4638.3	4502.0	4342.5
-57.5°	4031.7	4081.9	4112.2	4122.3	4112.2	4081.9	4031.7	3961.6	3871.9	3763.1	3635.6
-60°	3327.8	3365.3	3387.9	3395.4	3387.9	3365.3	3327.8	3275.4	3208.5	3127.2	3031.8
-62.5°	2744.2	2773.6	2791.3	2797.2	2791.3	2773.6	2744.2	2703.2	2650.6	2586.8	2511.9
-65°	2236.2	2259.0	2272.7	2277.3	2272.7	2259.0	2236.2	2204.4	2163.6	2114.1	2055.9
-67.5°	1796.1	1813.5	1823.9	1827.4	1823.9	1813.5	1796.1	1771.8	1740.7	1702.9	1658.5
-70°	1417.2	1430.6	1438.7	1441.4	1438.7	1430.6	1417.2	1398.4	1374.3	1345.0	1310.6
-72.5°	1083.1	1093.4	1099.5	1101.6	1099.5	1093.4	1083.1	1068.8	1050.5	1028.2	1002.0
-75°	789.9	797.2	801.5	803.0	801.5	797.2	789.9	779.8	766.8	750.9	732.3
-77.5°	545.0	550.0	552.9	553.9	552.9	550.0	545.0	538.2	529.4	518.6	506.0
-80°	344.5	347.6	349.4	350.0	349.4	347.6	344.5	340.3	334.8	328.2	320.4
-82.5°	188.7	190.3	191.2	191.5	191.2	190.3	188.7	186.6	183.8	180.5	176.5
-85°	83.4	84.0	84.3	84.4	84.3	84.0	83.4	82.6	81.6	80.4	79.0
-87.5°	25.5	25.6	25.7	25.7	25.7	25.6	25.5	25.3	25.1	24.8	24.5
-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: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	24.1	23.7	23.3	22.8	22.3	21.7	21.1	20.4	19.7	18.9	18.2
85°	77.3	75.4	73.4	71.1	68.6	66.0	63.1	60.1	56.9	53.5	50.0
82.5°	172.0	166.9	161.2	155.0	148.3	141.0	133.1	124.8	116.0	106.8	97.1
80°	311.4	301.3	290.1	277.8	264.4	249.9	234.5	218.0	200.6	185.3	172.4
77.5°	491.5	475.2	457.1	437.2	415.5	392.2	367.3	342.9	321.1	298.2	274.1
75°	710.9	686.9	660.1	630.8	599.0	564.7	532.7	500.8	467.1	431.6	394.5
72.5°	971.9	938.0	900.3	859.1	814.3	772.3	729.3	683.6	635.4	584.7	535.7
70°	1271.1	1226.7	1177.4	1123.4	1069.3	1013.9	954.7	891.9	825.6	763.7	702.9
67.5°	1607.5	1550.2	1486.7	1420.1	1353.7	1282.3	1206.1	1125.3	1047.5	968.8	886.6
65°	1989.2	1914.2	1831.2	1752.7	1668.2	1577.5	1480.7	1385.7	1290.5	1190.6	1088.2
62.5°	2426.1	2329.7	2230.3	2129.4	2020.1	1902.9	1784.9	1671.4	1551.8	1428.3	1313.2
60°	2922.7	2800.2	2682.0	2553.4	2414.3	2266.8	2129.4	1984.1	1831.2	1693.3	1550.2
57.5°	3489.7	3338.5	3189.8	3027.6	2852.4	2682.0	2508.6	2325.3	2152.2	1978.0	1801.0
55°	4160.3	3976.8	3779.6	3564.6	3343.7	3139.5	2922.7	2707.4	2498.7	2280.8	2084.3
52.5°	4916.7	4694.4	4449.4	4182.8	3923.6	3654.8	3374.3	3127.2	2868.2	2624.3	2380.6
50°	5816.1	5525.0	5204.7	4872.9	4562.4	4231.2	3910.6	3587.6	3275.4	2985.9	2700.3
47.5°	6826.0	6465.6	6069.7	5679.3	5275.7	4864.3	4487.9	4096.3	3734.7	3365.3	3045.1
45°	7976.5	7519.9	7030.6	6568.0	6072.3	5596.6	5110.7	4661.3	4221.1	3808.8	3395.4
42.5°	9266.8	8703.1	8130.5	7548.0	6950.3	6386.8	5813.8	5271.3	4748.8	4264.2	3808.8
40°	10712.7	10006.2	9337.9	8623.3	7933.4	7228.7	6578.0	5923.4	5325.1	4748.8	4221.1
37.5°	12306.1	11492.3	10664.2	9801.8	8987.8	8168.0	7382.0	6642.1	5923.4	5271.3	4661.3
35°	14017.3	13078.5	12096.3	11111.9	10103.1	9172.0	8246.7	7382.0	6578.0	5813.8	5110.7
32.5°	15875.5	14777.3	13605.4	12481.9	11338.6	10213.5	9172.0	8168.0	7228.7	6386.8	5596.6
30°	17874.7	16571.9	15242.4	13891.7	12611.6	11338.6	10103.1	8987.8	7933.4	6950.3	6072.3
27.5°	19978.9	18432.4	16929.5	15399.1	13891.7	12481.9	11111.9	9801.8	8623.3	7548.0	6568.0
25°	22065.1	20408.2	18638.9	16929.5	15242.4	13605.4	12096.3	10664.2	9337.9	8130.5	7030.6
22.5°	24085.3	22290.1	20408.2	18432.4	16571.9	14777.3	13078.5	11492.3	10006.2	8703.1	7519.9
20°	26133.0	24085.3	22065.1	19978.9	17874.7	15875.5	14017.3	12306.1	10712.7	9266.8	7976.5
17.5°	28169.2	25864.3	23594.7	21399.6	19136.8	16972.2	14943.9	13067.2	11350.0	9774.1	8386.6
15°	30094.0	27555.6	25072.0	22675.6	20317.1	17957.5	15768.0	13744.6	11930.7	10262.7	8792.4
12.5°	31854.3	29122.8	26389.5	23794.8	21346.3	18857.7	16537.4	14401.7	12467.6	10710.0	9146.8
10°	33365.8	30478.1	27578.0	24812.6	22209.0	19650.1	17195.0	14948.9	12913.6	11081.0	9440.2
7.5°	34568.8	31587.7	28554.4	25626.3	22895.5	20278.6	17715.2	15380.8	13265.0	11372.8	9670.7
5°	35462.5	32405.8	29270.2	26220.1	23394.8	20734.5	18091.6	15692.7	13518.4	11583.0	9836.6
2.5°	36014.0	32907.7	29707.4	26581.7	23698.1	21010.8	18319.4	15881.3	13671.5	11709.8	9936.6
0°	36200.5	33076.9	29854.5	26703.1	23799.8	21103.4	18395.7	15944.4	13722.7	11752.2	9970.0
-2.5°	36014.0	32907.7	29707.4	26581.7	23698.1	21010.8	18319.4	15881.3	13671.5	11709.8	9936.6
-5°	35462.5	32405.8	29270.2	26220.1	23394.8	20734.5	18091.6	15692.7	13518.4	11583.0	9836.6
-7.5°	34568.8	31587.7	28554.4	25626.3	22895.5	20278.6	17715.2	15380.8	13265.0	11372.8	9670.7
-10°	33365.8	30478.1	27578.0	24812.6	22209.0	19650.1	17195.0	14948.9	12913.6	11081.0	9440.2
-12.5°	31854.3	29122.8	26389.5	23794.8	21346.3	18857.7	16537.4	14401.7	12467.6	10710.0	9146.8
-15°	30094.0	27555.6	25072.0	22675.6	20317.1	17957.5	15768.0	13744.6	11930.7	10262.7	8792.4
-17.5°	28169.2	25864.3	23594.7	21399.6	19136.8	16972.2	14943.9	13067.2	11350.0	9774.1	8386.6
-20°	26133.0	24085.3	22065.1	19978.9	17874.7	15875.5	14017.3	12306.1	10712.7	9266.8	7976.5



REPORT NUMBER: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-70-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	24085.3	22290.1	20408.2	18432.4	16571.9	14777.3	13078.5	11492.3	10006.2	8703.1	7519.9
-25°	22065.1	20408.2	18638.9	16929.5	15242.4	13605.4	12096.3	10664.2	9337.9	8130.5	7030.6
-27.5°	19978.9	18432.4	16929.5	15399.1	13891.7	12481.9	11111.9	9801.8	8623.3	7548.0	6568.0
-30°	17874.7	16571.9	15242.4	13891.7	12611.6	11338.6	10103.1	8987.8	7933.4	6950.3	6072.3
-32.5°	15875.5	14777.3	13605.4	12481.9	11338.6	10213.5	9172.0	8168.0	7228.7	6386.8	5596.6
-35°	14017.3	13078.5	12096.3	11111.9	10103.1	9172.0	8246.7	7382.0	6578.0	5813.8	5110.7
-37.5°	12306.1	11492.3	10664.2	9801.8	8987.8	8168.0	7382.0	6642.1	5923.4	5271.3	4661.3
-40°	10712.7	10006.2	9337.9	8623.3	7933.4	7228.7	6578.0	5923.4	5325.1	4748.8	4221.1
-42.5°	9266.8	8703.1	8130.5	7548.0	6950.3	6386.8	5813.8	5271.3	4748.8	4264.2	3808.8
-45°	7976.5	7519.9	7030.6	6568.0	6072.3	5596.6	5110.7	4661.3	4221.1	3808.8	3395.4
-47.5°	6826.0	6465.6	6069.7	5679.3	5275.7	4864.3	4487.9	4096.3	3734.7	3365.3	3045.1
-50°	5816.1	5525.0	5204.7	4872.9	4562.4	4231.2	3910.6	3587.6	3275.4	2985.9	2700.3
-52.5°	4916.7	4694.4	4449.4	4182.8	3923.6	3654.8	3374.3	3127.2	2868.2	2624.3	2380.6
-55°	4160.3	3976.8	3779.6	3564.6	3343.7	3139.5	2922.7	2707.4	2498.7	2280.8	2084.3
-57.5°	3489.7	3338.5	3189.8	3027.6	2852.4	2682.0	2508.6	2325.3	2152.2	1978.0	1801.0
-60°	2922.7	2800.2	2682.0	2553.4	2414.3	2266.8	2129.4	1984.1	1831.2	1693.3	1550.2
-62.5°	2426.1	2329.7	2230.3	2129.4	2020.1	1902.9	1784.9	1671.4	1551.8	1428.3	1313.2
-65°	1989.2	1914.2	1831.2	1752.7	1668.2	1577.5	1480.7	1385.7	1290.5	1190.6	1088.2
-67.5°	1607.5	1550.2	1486.7	1420.1	1353.7	1282.3	1206.1	1125.3	1047.5	968.8	886.6
-70°	1271.1	1226.7	1177.4	1123.4	1069.3	1013.9	954.7	891.9	825.6	763.7	702.9
-72.5°	971.9	938.0	900.3	859.1	814.3	772.3	729.3	683.6	635.4	584.7	535.7
-75°	710.9	686.9	660.1	630.8	599.0	564.7	532.7	500.8	467.1	431.6	394.5
-77.5°	491.5	475.2	457.1	437.2	415.5	392.2	367.3	342.9	321.1	298.2	274.1
-80°	311.4	301.3	290.1	277.8	264.4	249.9	234.5	218.0	200.6	185.3	172.4
-82.5°	172.0	166.9	161.2	155.0	148.3	141.0	133.1	124.8	116.0	106.8	97.1
-85°	77.3	75.4	73.4	71.1	68.6	66.0	63.1	60.1	56.9	53.5	50.0
-87.5°	24.1	23.7	23.3	22.8	22.3	21.7	21.1	20.4	19.7	18.9	18.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305370 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-70-7F-HEG-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°	17.4	16.5	15.6	14.7	13.8	12.8	11.9	10.9	9.8	8.8	7.7
85°	46.3	42.4	38.4	34.3	30.0	25.7	23.7	21.7	19.6	17.6	15.4
82.5°	86.9	80.0	74.0	67.8	61.4	54.9	48.1	41.2	34.2	27.1	23.1
80°	158.8	144.7	130.2	115.1	99.5	84.0	75.0	65.8	56.5	46.9	37.3
77.5°	249.1	223.0	196.0	175.7	156.3	136.4	115.9	95.0	78.6	66.7	54.6
75°	355.7	323.2	290.7	257.3	222.8	188.7	164.2	139.2	113.7	87.8	71.8
72.5°	490.4	443.4	394.7	345.7	305.5	264.2	222.0	183.0	153.3	123.1	92.5
70°	639.6	573.8	514.5	457.1	398.1	340.3	292.1	242.9	192.8	158.0	123.1
67.5°	801.3	727.3	650.7	571.8	502.2	434.1	364.5	306.1	249.9	192.8	153.3
65°	992.9	894.1	793.9	706.2	616.2	529.4	452.2	373.5	306.1	242.9	183.0
62.5°	1193.6	1073.6	961.3	845.8	739.7	638.4	538.5	452.2	364.5	292.1	222.0
60°	1406.4	1271.1	1131.6	1002.0	872.7	750.9	638.4	529.4	434.1	340.3	264.2
57.5°	1639.7	1473.0	1318.0	1162.7	1015.6	872.7	739.7	616.2	502.2	398.1	305.5
55°	1881.2	1693.8	1508.8	1333.7	1162.7	1002.0	845.8	706.2	571.8	457.1	345.7
52.5°	2148.6	1923.8	1711.9	1508.8	1318.0	1131.6	961.3	793.9	650.7	514.5	394.7
50°	2430.8	2170.1	1923.8	1693.8	1473.0	1271.1	1073.6	894.1	727.3	573.8	443.4
47.5°	2725.8	2430.8	2148.6	1881.2	1639.7	1406.4	1193.6	992.9	801.3	639.6	490.4
45°	3045.1	2700.3	2380.6	2084.3	1801.0	1550.2	1313.2	1088.2	886.6	702.9	535.7
42.5°	3365.3	2985.9	2624.3	2280.8	1978.0	1693.3	1428.3	1190.6	968.8	763.7	584.7
40°	3734.7	3275.4	2868.2	2498.7	2152.2	1831.2	1551.8	1290.5	1047.5	825.6	635.4
37.5°	4096.3	3587.6	3127.2	2707.4	2325.3	1984.1	1671.4	1385.7	1125.3	891.9	683.6
35°	4487.9	3910.6	3374.3	2922.7	2508.6	2129.4	1784.9	1480.7	1206.1	954.7	729.3
32.5°	4864.3	4231.2	3654.8	3139.5	2682.0	2266.8	1902.9	1577.5	1282.3	1013.9	772.3
30°	5275.7	4562.4	3923.6	3343.7	2852.4	2414.3	2020.1	1668.2	1353.7	1069.3	814.3
27.5°	5679.3	4872.9	4182.8	3564.6	3027.6	2553.4	2129.4	1752.7	1420.1	1123.4	859.1
25°	6069.7	5204.7	4449.4	3779.6	3189.8	2682.0	2230.3	1831.2	1486.7	1177.4	900.3
22.5°	6465.6	5525.0	4694.4	3976.8	3338.5	2800.2	2329.7	1914.2	1550.2	1226.7	938.0
20°	6826.0	5816.1	4916.7	4160.3	3489.7	2922.7	2426.1	1989.2	1607.5	1271.1	971.9
17.5°	7158.2	6094.4	5148.9	4342.5	3635.6	3031.8	2511.9	2055.9	1658.5	1310.6	1002.0
15°	7491.0	6355.8	5359.0	4502.0	3763.1	3127.2	2586.8	2114.1	1702.9	1345.0	1028.2
12.5°	7776.2	6579.5	5538.5	4638.3	3871.9	3208.5	2650.6	2163.6	1740.7	1374.3	1050.5
10°	8012.0	6764.2	5686.6	4750.5	3961.6	3275.4	2703.2	2204.4	1771.8	1398.4	1068.8
7.5°	8197.0	6909.0	5802.6	4838.4	4031.7	3327.8	2744.2	2236.2	1796.1	1417.2	1083.1
5°	8330.1	7013.0	5885.9	4901.5	4081.9	3365.3	2773.6	2259.0	1813.5	1430.6	1093.4
2.5°	8410.2	7075.7	5936.1	4939.4	4112.2	3387.9	2791.3	2272.7	1823.9	1438.7	1099.5
0°	8437.0	7096.6	5952.8	4952.1	4122.3	3395.4	2797.2	2277.3	1827.4	1441.4	1101.6
-2.5°	8410.2	7075.7	5936.1	4939.4	4112.2	3387.9	2791.3	2272.7	1823.9	1438.7	1099.5
-5°	8330.1	7013.0	5885.9	4901.5	4081.9	3365.3	2773.6	2259.0	1813.5	1430.6	1093.4
-7.5°	8197.0	6909.0	5802.6	4838.4	4031.7	3327.8	2744.2	2236.2	1796.1	1417.2	1083.1
-10°	8012.0	6764.2	5686.6	4750.5	3961.6	3275.4	2703.2	2204.4	1771.8	1398.4	1068.8
-12.5°	7776.2	6579.5	5538.5	4638.3	3871.9	3208.5	2650.6	2163.6	1740.7	1374.3	1050.5
-15°	7491.0	6355.8	5359.0	4502.0	3763.1	3127.2	2586.8	2114.1	1702.9	1345.0	1028.2
-17.5°	7158.2	6094.4	5148.9	4342.5	3635.6	3031.8	2511.9	2055.9	1658.5	1310.6	1002.0
-20°	6826.0	5816.1	4916.7	4160.3	3489.7	2922.7	2426.1	1989.2	1607.5	1271.1	971.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6465.6	5525.0	4694.4	3976.8	3338.5	2800.2	2329.7	1914.2	1550.2	1226.7	938.0
-25°	6069.7	5204.7	4449.4	3779.6	3189.8	2682.0	2230.3	1831.2	1486.7	1177.4	900.3
-27.5°	5679.3	4872.9	4182.8	3564.6	3027.6	2553.4	2129.4	1752.7	1420.1	1123.4	859.1
-30°	5275.7	4562.4	3923.6	3343.7	2852.4	2414.3	2020.1	1668.2	1353.7	1069.3	814.3
-32.5°	4864.3	4231.2	3654.8	3139.5	2682.0	2266.8	1902.9	1577.5	1282.3	1013.9	772.3
-35°	4487.9	3910.6	3374.3	2922.7	2508.6	2129.4	1784.9	1480.7	1206.1	954.7	729.3
-37.5°	4096.3	3587.6	3127.2	2707.4	2325.3	1984.1	1671.4	1385.7	1125.3	891.9	683.6
-40°	3734.7	3275.4	2868.2	2498.7	2152.2	1831.2	1551.8	1290.5	1047.5	825.6	635.4
-42.5°	3365.3	2985.9	2624.3	2280.8	1978.0	1693.3	1428.3	1190.6	968.8	763.7	584.7
-45°	3045.1	2700.3	2380.6	2084.3	1801.0	1550.2	1313.2	1088.2	886.6	702.9	535.7
-47.5°	2725.8	2430.8	2148.6	1881.2	1639.7	1406.4	1193.6	992.9	801.3	639.6	490.4
-50°	2430.8	2170.1	1923.8	1693.8	1473.0	1271.1	1073.6	894.1	727.3	573.8	443.4
-52.5°	2148.6	1923.8	1711.9	1508.8	1318.0	1131.6	961.3	793.9	650.7	514.5	394.7
-55°	1881.2	1693.8	1508.8	1333.7	1162.7	1002.0	845.8	706.2	571.8	457.1	345.7
-57.5°	1639.7	1473.0	1318.0	1162.7	1015.6	872.7	739.7	616.2	502.2	398.1	305.5
-60°	1406.4	1271.1	1131.6	1002.0	872.7	750.9	638.4	529.4	434.1	340.3	264.2
-62.5°	1193.6	1073.6	961.3	845.8	739.7	638.4	538.5	452.2	364.5	292.1	222.0
-65°	992.9	894.1	793.9	706.2	616.2	529.4	452.2	373.5	306.1	242.9	183.0
-67.5°	801.3	727.3	650.7	571.8	502.2	434.1	364.5	306.1	249.9	192.8	153.3
-70°	639.6	573.8	514.5	457.1	398.1	340.3	292.1	242.9	192.8	158.0	123.1
-72.5°	490.4	443.4	394.7	345.7	305.5	264.2	222.0	183.0	153.3	123.1	92.5
-75°	355.7	323.2	290.7	257.3	222.8	188.7	164.2	139.2	113.7	87.8	71.8
-77.5°	249.1	223.0	196.0	175.7	156.3	136.4	115.9	95.0	78.6	66.7	54.6
-80°	158.8	144.7	130.2	115.1	99.5	84.0	75.0	65.8	56.5	46.9	37.3
-82.5°	86.9	80.0	74.0	67.8	61.4	54.9	48.1	41.2	34.2	27.1	23.1
-85°	46.3	42.4	38.4	34.3	30.0	25.7	23.7	21.7	19.6	17.6	15.4
-87.5°	17.4	16.5	15.6	14.7	13.8	12.8	11.9	10.9	9.8	8.8	7.7
-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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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°	6.6	5.6	4.5	3.4	2.2	1.1	0.0
85°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
82.5°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
80°	27.5	22.1	17.8	13.4	8.9	4.5	0.0
77.5°	42.4	30.0	22.1	16.6	11.1	5.6	0.0
75°	57.2	42.4	27.5	19.9	13.3	6.6	0.0
72.5°	71.8	54.6	37.3	23.1	15.4	7.7	0.0
70°	87.8	66.7	46.9	27.1	17.6	8.8	0.0
67.5°	113.7	78.6	56.5	34.2	19.6	9.8	0.0
65°	139.2	95.0	65.8	41.2	21.7	10.9	0.0
62.5°	164.2	115.9	75.0	48.1	23.7	11.9	0.0
60°	188.7	136.4	84.0	54.9	25.7	12.8	0.0
57.5°	222.8	156.3	99.5	61.4	30.0	13.8	0.0
55°	257.3	175.7	115.1	67.8	34.3	14.7	0.0
52.5°	290.7	196.0	130.2	74.0	38.4	15.6	0.0
50°	323.2	223.0	144.7	80.0	42.4	16.5	0.0
47.5°	355.7	249.1	158.8	86.9	46.3	17.4	0.0
45°	394.5	274.1	172.4	97.1	50.0	18.2	0.0
42.5°	431.6	298.2	185.3	106.8	53.5	18.9	0.0
40°	467.1	321.1	200.6	116.0	56.9	19.7	0.0
37.5°	500.8	342.9	218.0	124.8	60.1	20.4	0.0
35°	532.7	367.3	234.5	133.1	63.1	21.1	0.0
32.5°	564.7	392.2	249.9	141.0	66.0	21.7	0.0
30°	599.0	415.5	264.4	148.3	68.6	22.3	0.0
27.5°	630.8	437.2	277.8	155.0	71.1	22.8	0.0
25°	660.1	457.1	290.1	161.2	73.4	23.3	0.0
22.5°	686.9	475.2	301.3	166.9	75.4	23.7	0.0
20°	710.9	491.5	311.4	172.0	77.3	24.1	0.0
17.5°	732.3	506.0	320.4	176.5	79.0	24.5	0.0
15°	750.9	518.6	328.2	180.5	80.4	24.8	0.0
12.5°	766.8	529.4	334.8	183.8	81.6	25.1	0.0
10°	779.8	538.2	340.3	186.6	82.6	25.3	0.0
7.5°	789.9	545.0	344.5	188.7	83.4	25.5	0.0
5°	797.2	550.0	347.6	190.3	84.0	25.6	0.0
2.5°	801.5	552.9	349.4	191.2	84.3	25.7	0.0
0°	803.0	553.9	350.0	191.5	84.4	25.7	0.0
-2.5°	801.5	552.9	349.4	191.2	84.3	25.7	0.0
-5°	797.2	550.0	347.6	190.3	84.0	25.6	0.0
-7.5°	789.9	545.0	344.5	188.7	83.4	25.5	0.0
-10°	779.8	538.2	340.3	186.6	82.6	25.3	0.0
-12.5°	766.8	529.4	334.8	183.8	81.6	25.1	0.0
-15°	750.9	518.6	328.2	180.5	80.4	24.8	0.0
-17.5°	732.3	506.0	320.4	176.5	79.0	24.5	0.0
-20°	710.9	491.5	311.4	172.0	77.3	24.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	686.9	475.2	301.3	166.9	75.4	23.7	0.0
-25°	660.1	457.1	290.1	161.2	73.4	23.3	0.0
-27.5°	630.8	437.2	277.8	155.0	71.1	22.8	0.0
-30°	599.0	415.5	264.4	148.3	68.6	22.3	0.0
-32.5°	564.7	392.2	249.9	141.0	66.0	21.7	0.0
-35°	532.7	367.3	234.5	133.1	63.1	21.1	0.0
-37.5°	500.8	342.9	218.0	124.8	60.1	20.4	0.0
-40°	467.1	321.1	200.6	116.0	56.9	19.7	0.0
-42.5°	431.6	298.2	185.3	106.8	53.5	18.9	0.0
-45°	394.5	274.1	172.4	97.1	50.0	18.2	0.0
-47.5°	355.7	249.1	158.8	86.9	46.3	17.4	0.0
-50°	323.2	223.0	144.7	80.0	42.4	16.5	0.0
-52.5°	290.7	196.0	130.2	74.0	38.4	15.6	0.0
-55°	257.3	175.7	115.1	67.8	34.3	14.7	0.0
-57.5°	222.8	156.3	99.5	61.4	30.0	13.8	0.0
-60°	188.7	136.4	84.0	54.9	25.7	12.8	0.0
-62.5°	164.2	115.9	75.0	48.1	23.7	11.9	0.0
-65°	139.2	95.0	65.8	41.2	21.7	10.9	0.0
-67.5°	113.7	78.6	56.5	34.2	19.6	9.8	0.0
-70°	87.8	66.7	46.9	27.1	17.6	8.8	0.0
-72.5°	71.8	54.6	37.3	23.1	15.4	7.7	0.0
-75°	57.2	42.4	27.5	19.9	13.3	6.6	0.0
-77.5°	42.4	30.0	22.1	16.6	11.1	5.6	0.0
-80°	27.5	22.1	17.8	13.4	8.9	4.5	0.0
-82.5°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
-85°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
-87.5°	6.6	5.6	4.5	3.4	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)