

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: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-A55-NWB**

Issue Date: 11/13/2024

Test Information

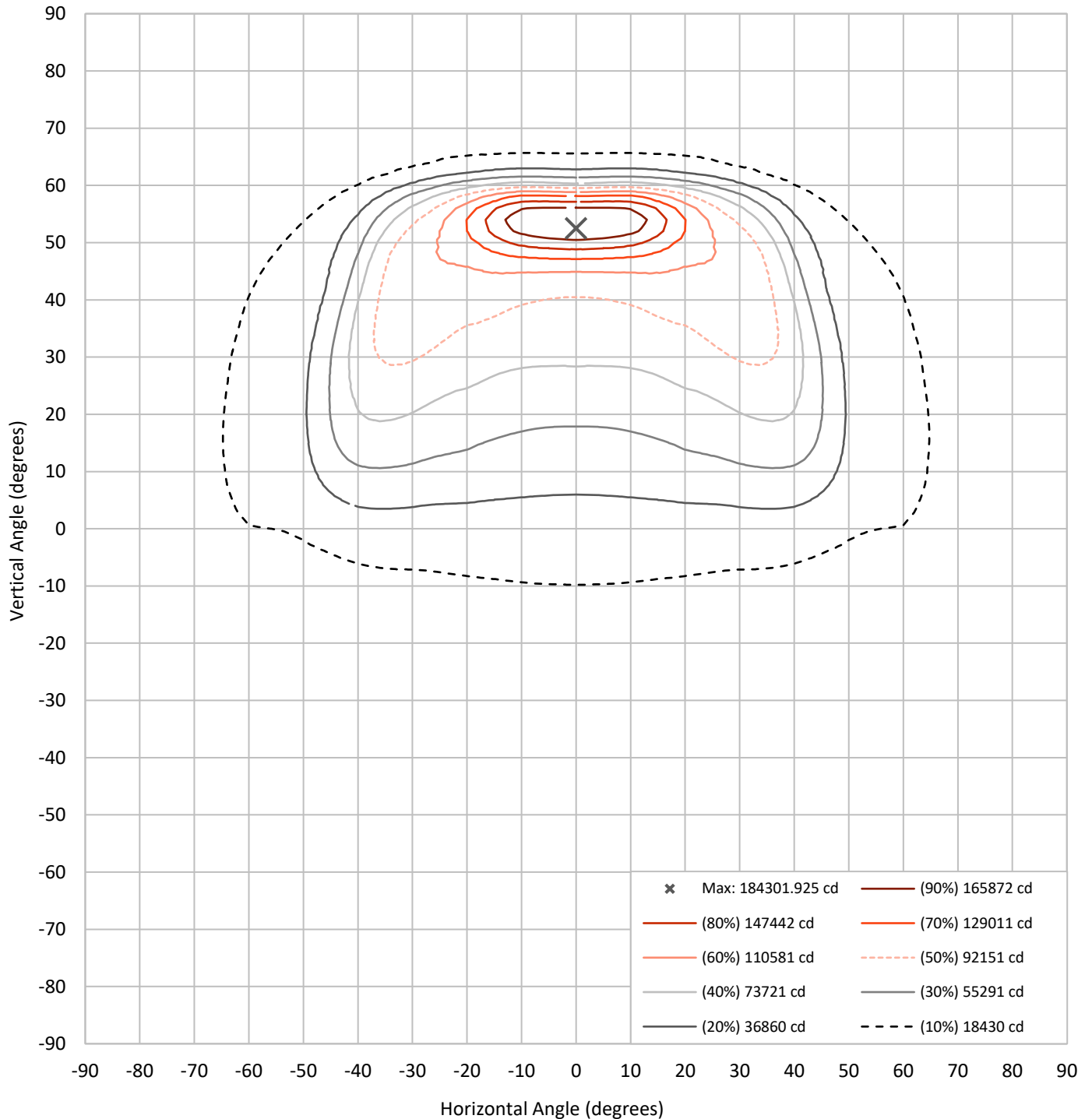
Test Method: LM-79-08
Report Number: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVA2J11038)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A55-NWB
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A55-NWB OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	158185.3 lumens	Max Intensity:	184301.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 52.5°V
Efficacy:	111.9 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		
Beam Angle (50%):	61.6°H x 19°V	Field Angle (10%):	102.5°H x 75.1°V
Beam Lumens:	52888.4 lumens	Field Lumens:	132964.9 lumens
Beam Efficiency:	33.4%	Field Efficiency:	84.1%
Input Watts (W):	1413		
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		

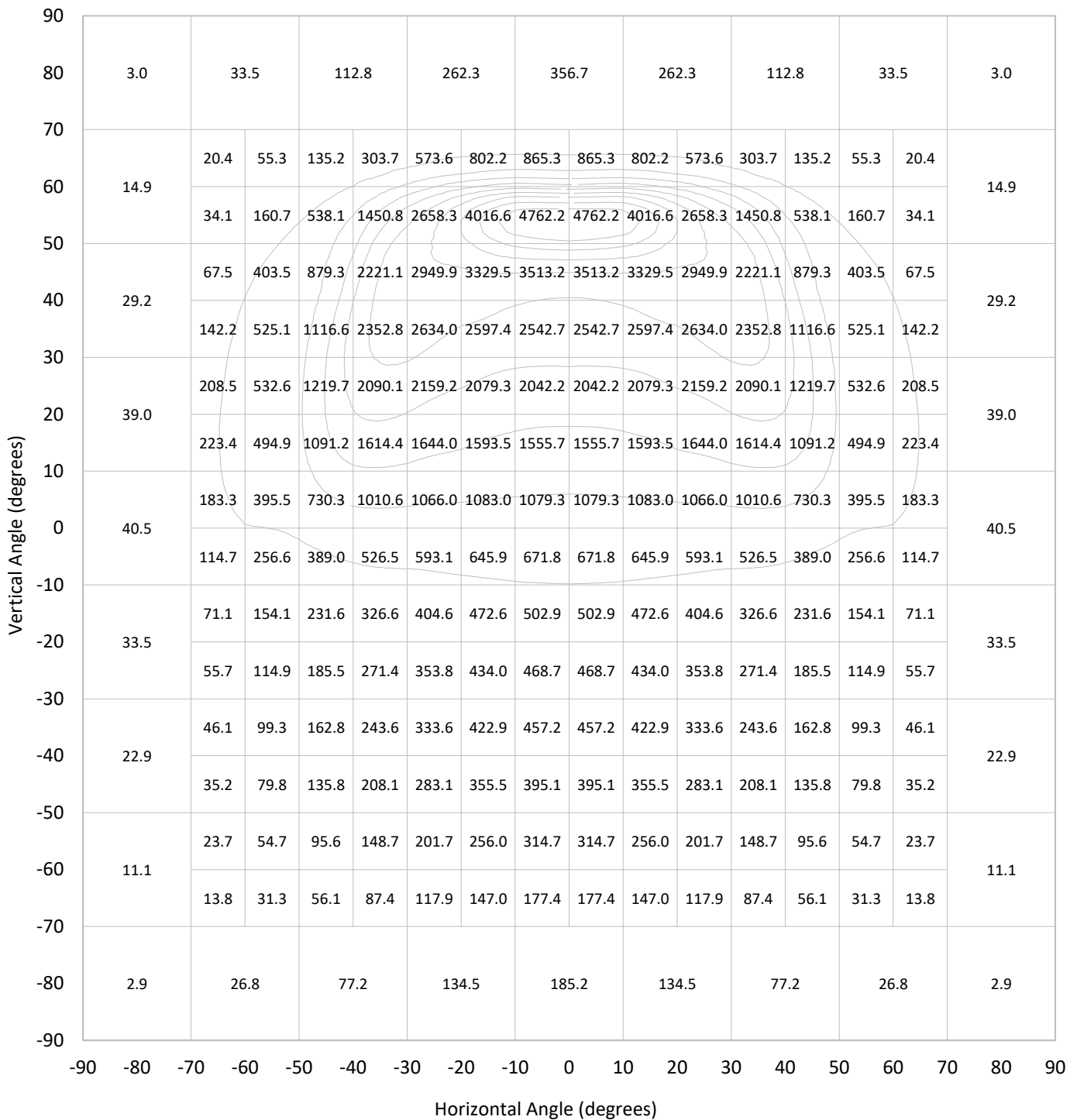
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CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

Iso-Candela Plot



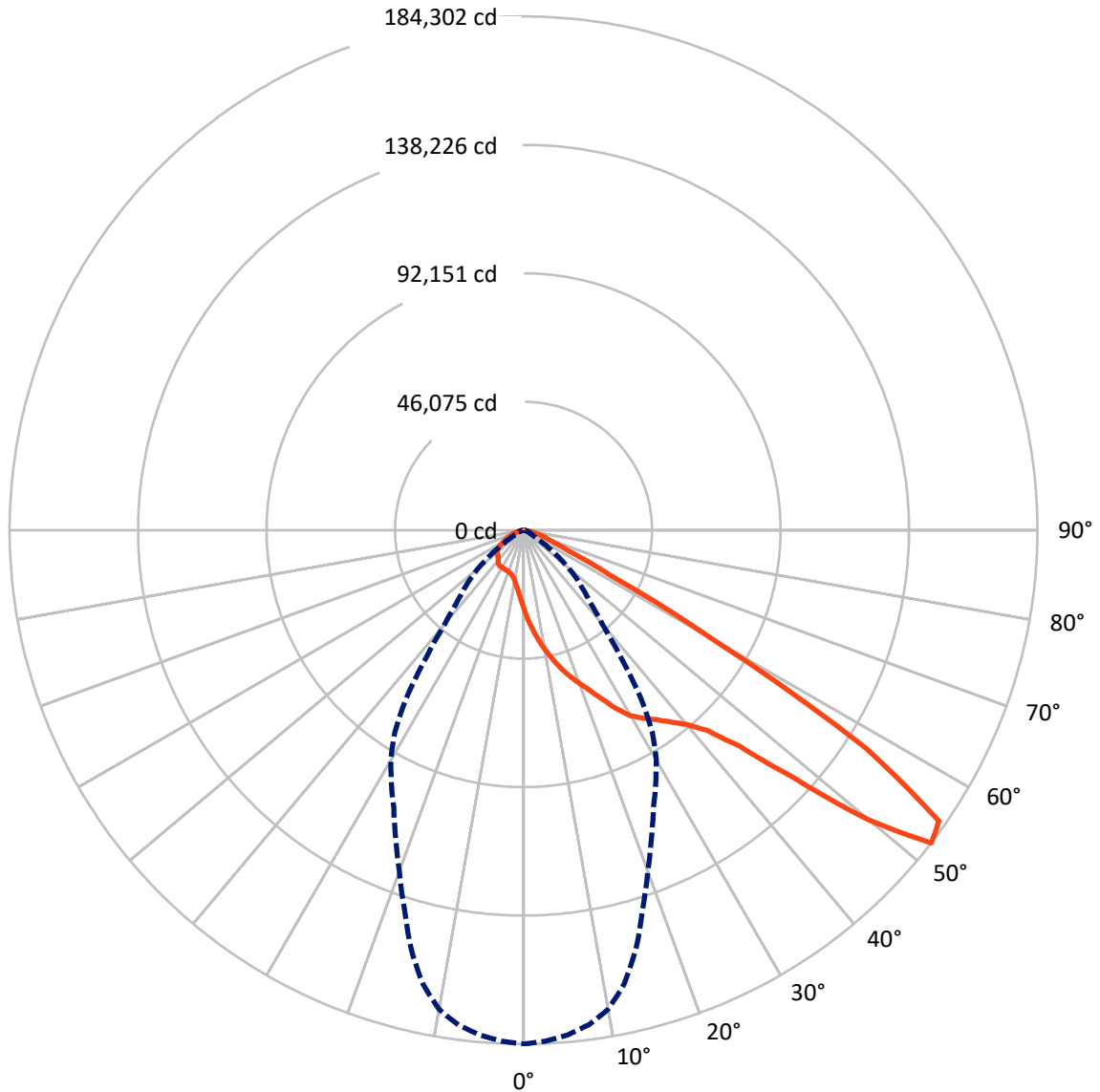
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Lumen Table



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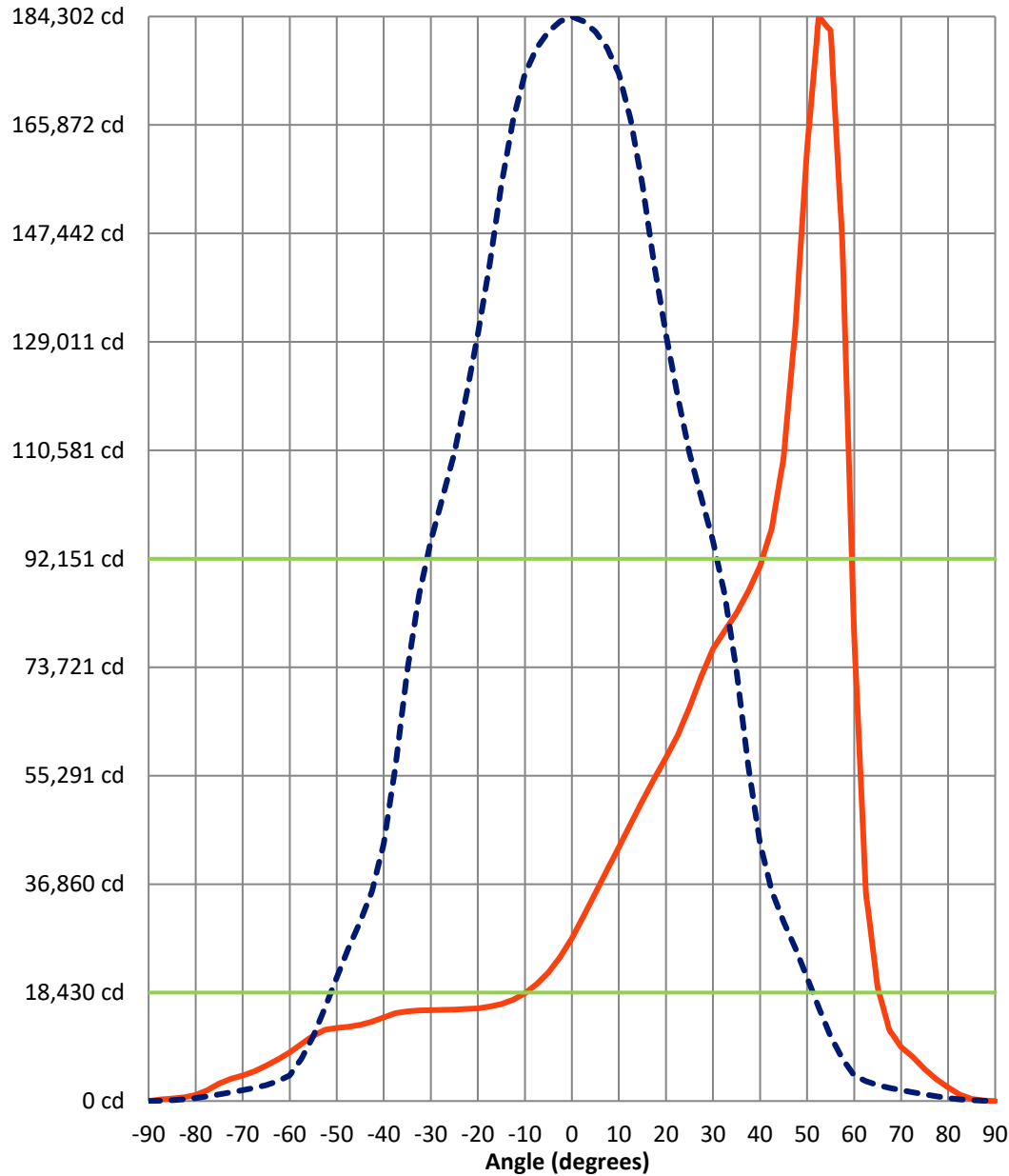
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 52.5-Deg

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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

Luminous Intensity Plot



Beam:
 H Angle: 61.6°
 V Angle: 19°
 Lumens: 52888.4
 Efficiency: 33.4%

Field:
 H Angle: 102.5°
 V Angle: 75.1°
 Lumens: 132964.9
 Efficiency: 84.1%

Spill:
 Lumens: 25220.4
 Efficiency: 15.9%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 52.5-Deg



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

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	4.6	9.1	13.7	18.2	22.2	26.5	30.1	32.7	35.7	38.5
85°	0.0	9.1	18.2	27.3	36.3	44.3	52.9	60.2	65.4	71.3	82.1
82.5°	0.0	13.7	27.3	40.9	54.4	66.4	79.3	102.1	125.9	149.6	169.9
80°	0.0	18.2	36.3	54.4	72.3	95.1	132.2	167.6	200.5	231.9	273.4
77.5°	0.0	22.6	45.2	67.8	95.9	139.9	187.6	232.7	292.6	369.4	439.4
75°	0.0	27.1	54.1	81.0	129.2	184.1	242.2	328.4	426.8	520.0	621.4
72.5°	0.0	31.5	62.9	101.4	161.8	227.5	324.8	440.3	558.9	696.4	844.8
70°	0.0	35.8	71.5	123.1	193.6	284.9	415.6	549.9	714.0	882.6	1069.6
67.5°	0.0	40.0	80.0	144.2	224.4	357.0	504.5	679.1	869.3	1072.9	1302.9
65°	0.0	44.2	90.5	164.5	266.6	427.4	601.5	808.6	1028.5	1268.0	1529.6
62.5°	0.0	48.3	102.3	184.1	318.2	495.8	707.4	934.4	1194.8	1457.8	1751.6
60°	0.0	52.3	113.8	202.9	367.8	570.2	810.1	1075.2	1356.4	1648.5	1972.3
57.5°	0.0	56.2	124.8	221.9	415.2	652.0	909.4	1212.8	1522.1	1836.2	2203.3
55°	0.0	60.0	135.4	253.5	460.3	731.2	1022.6	1345.9	1685.9	2038.2	2425.3
52.5°	0.0	63.7	145.4	283.4	505.7	807.2	1131.2	1483.2	1845.9	2239.1	2707.8
50°	0.0	67.2	155.0	311.5	559.8	876.0	1234.8	1616.3	2019.6	2449.9	2979.9
47.5°	0.0	70.7	164.0	337.8	610.4	951.9	1334.2	1743.9	2187.1	2683.7	3304.5
45°	0.0	74.0	172.4	362.1	656.4	1022.7	1434.2	1872.5	2342.9	2907.4	3606.6
42.5°	0.0	77.1	180.3	384.5	698.7	1088.3	1528.1	1996.2	2524.4	3140.6	4007.0
40°	0.0	80.1	187.5	405.0	737.3	1148.5	1611.8	2111.2	2694.9	3370.0	4879.4
37.5°	0.0	83.0	194.2	423.6	772.0	1203.3	1684.2	2217.9	2853.7	3578.4	5528.3
35°	0.0	86.2	204.5	445.9	808.3	1255.9	1756.9	2328.8	3002.2	3899.1	6683.2
32.5°	0.0	89.4	215.4	468.0	843.3	1305.1	1827.5	2434.8	3146.6	4278.0	8686.0
30°	0.0	92.3	225.1	487.7	874.5	1349.5	1891.6	2528.9	3274.6	4565.8	10242.9
27.5°	0.0	95.0	234.5	504.9	902.6	1388.9	1949.8	2613.5	3387.5	4775.7	11438.3
25°	0.0	97.5	242.8	519.5	926.9	1423.3	2001.3	2688.5	3499.7	5494.8	13680.2
22.5°	0.0	99.7	250.2	531.6	947.5	1453.1	2045.6	2759.5	3660.3	6329.9	15532.5
20°	0.0	101.7	256.5	541.3	964.3	1478.7	2086.3	2826.0	3789.2	6913.9	17008.9
17.5°	0.0	103.4	261.8	550.3	977.3	1499.3	2127.0	2880.6	3892.2	7294.4	18041.6
15°	0.0	104.9	266.1	557.6	986.5	1517.0	2159.2	2923.0	3966.8	7519.3	18405.7
12.5°	0.0	106.2	269.4	562.6	994.3	1531.6	2182.3	2953.0	4018.5	7570.4	17992.2
10°	0.0	107.2	271.8	565.4	999.2	1541.4	2196.4	2971.4	4049.4	7821.6	17276.2
7.5°	0.0	107.9	273.2	566.0	1000.5	1546.0	2202.6	2978.4	4057.9	7905.5	16173.6
5°	0.0	108.4	273.7	564.5	998.0	1544.6	2200.4	2974.9	4043.3	7708.9	14862.5
2.5°	0.0	108.7	273.2	561.0	992.0	1537.1	2189.5	2959.9	4007.8	7282.6	13234.7
0°	0.0	108.7	272.0	555.6	982.4	1523.6	2170.2	2933.8	3953.7	6696.0	11477.0
-2.5°	0.0	108.7	271.5	553.5	976.2	1510.8	2148.1	2898.1	3885.1	6149.1	9934.8
-5°	0.0	108.4	270.1	549.6	966.7	1492.1	2118.2	2851.8	3801.1	5566.3	8347.1
-7.5°	0.0	107.8	268.0	543.8	953.9	1467.9	2080.8	2795.3	3704.1	5113.9	7265.3
-10°	0.0	107.1	265.0	536.3	937.8	1438.1	2037.6	2729.6	3597.0	4768.0	6297.2
-12.5°	0.0	106.1	261.2	527.1	918.6	1405.9	1991.6	2655.4	3478.2	4480.1	5693.2
-15°	0.0	104.9	256.7	516.1	897.6	1372.0	1939.6	2573.3	3354.1	4287.4	5278.0
-17.5°	0.0	103.4	251.3	503.5	876.7	1336.3	1882.1	2489.0	3227.7	4089.1	4964.1
-20°	0.0	101.8	245.1	489.8	852.8	1299.1	1820.0	2401.4	3093.7	3905.1	4723.2



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	99.9	238.2	476.0	825.9	1258.0	1757.1	2307.0	2962.8	3729.8	4488.8
-25°	0.0	97.7	230.6	460.5	796.1	1214.9	1691.9	2215.0	2834.6	3552.3	4285.9
-27.5°	0.0	95.4	222.2	443.5	763.5	1168.6	1623.2	2131.7	2717.4	3393.4	4084.6
-30°	0.0	92.9	213.2	425.0	728.2	1118.7	1552.4	2041.5	2599.7	3238.3	3896.6
-32.5°	0.0	90.1	204.1	404.9	691.1	1065.2	1480.8	1944.7	2479.9	3077.4	3708.6
-35°	0.0	87.2	194.4	383.5	651.3	1008.3	1404.4	1842.9	2352.6	2911.8	3513.1
-37.5°	0.0	84.1	185.2	362.7	612.8	950.3	1326.6	1742.2	2224.1	2748.1	3315.0
-40°	0.0	81.3	179.0	345.9	580.7	893.3	1249.4	1643.1	2090.3	2583.6	3106.4
-42.5°	0.0	78.3	172.4	328.3	546.9	833.3	1168.0	1537.9	1948.2	2404.6	2885.1
-45°	0.0	75.2	165.4	309.9	511.4	770.2	1082.4	1426.2	1798.1	2221.9	2664.8
-47.5°	0.0	71.9	157.9	290.6	474.3	704.3	992.6	1312.6	1660.1	2038.6	2440.1
-50°	0.0	68.4	150.1	270.3	435.4	635.7	908.5	1201.1	1513.4	1847.6	2213.0
-52.5°	0.0	64.8	141.9	249.1	395.2	585.8	823.0	1086.0	1362.5	1669.2	1996.1
-55°	0.0	61.1	133.3	227.2	363.4	534.5	734.8	969.5	1227.3	1496.8	1777.5
-57.5°	0.0	57.3	124.4	204.4	332.9	481.8	644.5	865.5	1089.9	1325.3	1586.2
-60°	0.0	53.3	115.1	189.3	301.3	427.7	580.7	760.0	954.6	1169.3	1392.1
-62.5°	0.0	49.3	105.6	174.2	268.8	380.5	515.7	654.1	835.6	1010.7	1212.2
-65°	0.0	45.1	95.7	158.5	235.4	338.7	449.5	577.9	715.1	872.5	1033.8
-67.5°	0.0	40.9	86.2	142.2	206.7	296.1	390.8	500.1	612.9	738.4	877.4
-70°	0.0	36.5	77.2	125.5	183.4	252.6	338.5	423.3	522.3	621.2	729.6
-72.5°	0.0	32.1	68.0	108.3	159.6	215.3	285.2	360.9	432.8	518.9	606.3
-75°	0.0	27.7	58.6	91.3	135.2	183.6	234.5	297.5	360.8	423.6	493.4
-77.5°	0.0	23.1	49.0	76.4	110.4	151.2	193.8	238.6	288.2	342.6	397.0
-80°	0.0	18.6	39.4	61.4	87.7	118.3	152.3	188.2	225.3	263.5	306.2
-82.5°	0.0	14.0	29.6	46.2	66.0	88.1	110.8	137.1	166.2	194.3	223.9
-85°	0.0	9.3	19.8	30.8	44.1	58.9	74.1	90.1	108.6	125.2	143.1
-87.5°	0.0	4.7	9.9	15.4	22.1	29.5	37.1	45.1	54.4	62.7	71.1
-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: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

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°	39.9	42.1	44.0	45.7	47.1	48.3	50.7	51.5	53.6	54.0	55.9
85°	94.3	106.7	117.7	128.3	137.1	144.1	150.4	156.4	160.0	163.8	167.1
82.5°	188.0	205.0	221.5	256.5	287.2	314.6	337.6	357.9	372.0	383.7	395.9
80°	327.1	378.4	425.0	468.1	511.7	570.4	621.8	670.1	709.3	743.6	777.5
77.5°	506.7	585.8	678.0	766.2	843.3	908.3	1007.0	1100.2	1183.4	1268.9	1375.5
75°	744.2	862.5	976.4	1130.6	1269.3	1391.3	1506.8	1645.0	1783.3	1933.8	2112.4
72.5°	996.7	1177.8	1376.3	1566.3	1752.2	1933.6	2104.5	2287.3	2496.8	2722.1	2980.7
70°	1282.6	1517.7	1770.8	2018.1	2263.0	2528.5	2773.6	3016.6	3347.6	3682.7	4085.5
67.5°	1559.3	1850.7	2156.1	2498.9	2849.3	3207.8	3644.6	4009.5	4468.4	5032.3	5651.7
65°	1833.1	2176.1	2573.1	3004.8	3552.5	4126.7	4757.0	5415.2	6151.1	7158.1	8120.3
62.5°	2098.9	2504.5	2990.4	3591.1	4323.7	5161.7	6171.6	7646.0	8863.8	11248.3	13054.8
60°	2366.4	2853.2	3445.1	4272.6	5223.9	7045.7	8865.0	11871.9	15136.6	18806.8	23377.1
57.5°	2656.4	3241.5	4070.1	5057.2	7583.8	10185.4	14179.0	18299.1	23092.8	28567.2	34959.5
55°	2992.4	3773.6	4772.1	7658.4	11035.1	15456.3	20206.9	25272.5	30256.9	36685.6	46556.8
52.5°	3379.5	4371.2	7209.7	11012.7	15860.0	20989.8	25995.3	30501.3	35690.6	43795.8	56969.3
50°	3850.1	6143.7	10066.8	15631.0	20950.4	25951.3	30075.8	33485.4	39041.4	49876.5	66308.1
47.5°	4494.5	8204.3	14584.9	20328.7	25582.2	29477.2	31772.2	35341.9	42418.1	56688.6	74980.7
45°	5991.8	11714.7	18952.2	24953.4	28595.3	30530.5	32361.6	36287.5	46530.4	62599.8	81142.2
42.5°	7206.2	15594.0	23125.1	27724.3	29982.5	30727.9	32315.6	38612.3	51080.3	68253.9	84824.7
40°	10169.1	19384.9	26729.2	30172.6	30464.9	30656.3	33318.5	41388.2	55537.4	73209.3	87897.6
37.5°	13096.2	23193.1	29024.4	30772.6	30594.1	31073.2	34860.0	44794.6	60639.1	77364.1	90031.1
35°	15888.4	26663.1	31063.2	31291.7	30508.3	31493.5	37103.9	48578.1	64923.0	80293.7	91417.5
32.5°	19187.0	28431.9	31290.6	30909.7	30421.8	32417.3	39355.8	51918.7	67943.3	81944.9	91845.1
30°	22350.9	29955.7	31436.3	30307.9	30022.8	32760.6	40882.8	54469.4	69561.7	81804.3	90153.1
27.5°	24612.7	30679.4	31041.5	29864.2	30075.1	33703.6	42499.1	55890.4	69804.2	80663.2	87554.3
25°	25463.1	30345.7	30454.5	29442.3	30030.2	34091.5	43367.7	56852.9	69603.6	79034.8	84228.0
22.5°	25998.1	30139.9	29747.3	28963.0	29937.0	34488.6	43972.4	56646.1	68011.7	75832.8	79927.3
20°	26403.5	29690.7	29111.9	28599.1	29889.5	34713.2	44273.8	56131.5	66306.3	72736.9	75838.4
17.5°	26163.9	28736.8	28259.8	28017.9	29395.6	34219.6	43878.1	54752.2	63382.5	68723.2	71171.3
15°	25323.3	27584.5	27306.1	27227.1	28524.8	33589.9	42647.2	52366.1	59733.0	64306.0	66261.5
12.5°	24228.7	26415.7	26222.7	26193.3	27699.7	32443.3	40509.8	49070.2	55242.0	58883.7	60267.5
10°	23049.1	25046.0	24918.6	25073.8	26436.1	30642.8	37559.4	44706.8	49591.5	52681.1	53814.6
7.5°	21490.2	23546.9	23556.4	23707.0	24810.1	28347.5	33983.2	39560.0	43593.2	46195.0	47149.4
5°	19810.0	21889.4	21954.6	22100.9	22983.4	25761.2	30064.7	34291.1	37521.1	39718.5	40535.3
2.5°	17728.3	19974.7	20187.6	20359.7	21035.5	23074.7	26151.9	29203.4	31734.7	33571.2	34350.4
0°	15532.0	17944.3	18296.6	18491.2	19020.7	20367.7	22408.8	24523.5	26384.6	27947.0	28765.8
-2.5°	13366.2	15724.9	16221.0	16468.6	16914.6	17927.3	19302.2	20771.0	22262.5	23583.8	24265.9
-5°	11183.9	13535.4	14224.2	14526.9	14882.2	15589.1	16530.8	17548.1	18706.6	19794.1	20458.2
-7.5°	9539.1	11558.3	12329.4	12685.6	13006.2	13523.7	14203.4	14920.1	15837.0	16675.7	17259.4
-10°	7990.8	9855.1	10765.0	11126.7	11352.7	11788.2	12328.9	12865.9	13619.4	14345.3	14934.7
-12.5°	7071.2	8455.0	9327.1	9815.0	10084.3	10400.4	10921.4	11447.5	12097.9	12732.4	13350.4
-15°	6268.3	7445.1	8227.5	8674.3	9075.3	9411.4	9922.2	10473.9	11071.7	11675.7	12303.1
-17.5°	5809.6	6644.2	7374.9	7877.3	8274.7	8711.9	9195.3	9782.3	10368.9	10980.8	11626.7
-20°	5433.2	6156.9	6713.8	7256.3	7687.3	8179.0	8691.7	9281.6	9872.3	10498.3	11121.7



REPORT NUMBER: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	5179.1	5769.9	6312.3	6765.9	7286.7	7765.5	8301.9	8880.8	9479.7	10092.0	10663.8
-25°	4929.4	5526.9	6003.5	6498.1	6979.0	7477.1	7981.9	8537.1	9116.1	9715.5	10221.5
-27.5°	4730.1	5300.1	5814.3	6255.0	6730.1	7239.7	7728.8	8232.8	8801.0	9360.0	9879.4
-30°	4526.1	5108.7	5624.5	6054.5	6519.7	7025.1	7506.4	7972.0	8511.8	9067.2	9613.5
-32.5°	4327.6	4909.3	5431.1	5872.4	6327.6	6814.2	7289.5	7754.5	8243.2	8795.8	9383.8
-35°	4126.8	4713.7	5239.3	5673.3	6125.9	6595.3	7061.7	7526.6	8023.1	8568.5	9144.5
-37.5°	3906.8	4489.1	5009.5	5455.3	5906.4	6362.6	6827.8	7291.2	7793.9	8319.3	8878.8
-40°	3667.1	4238.1	4765.4	5212.3	5650.5	6100.8	6561.2	7024.4	7511.7	8036.8	8581.7
-42.5°	3411.0	3955.3	4462.5	4908.0	5344.7	5789.2	6239.6	6704.1	7194.5	7699.6	8236.3
-45°	3144.1	3648.0	4132.4	4578.3	4995.8	5419.1	5853.2	6311.7	6804.0	7299.5	7814.2
-47.5°	2862.7	3329.5	3786.5	4210.6	4605.3	5009.4	5423.2	5861.3	6324.5	6808.4	7299.0
-50°	2601.6	3014.7	3432.6	3833.9	4207.9	4584.6	4964.2	5370.8	5814.7	6286.6	6749.5
-52.5°	2341.3	2707.0	3094.9	3464.5	3816.5	4166.5	4517.7	4879.3	5288.8	5742.5	6180.6
-55°	2096.0	2424.4	2764.7	3113.2	3436.2	3750.1	4070.0	4399.4	4764.8	5158.9	5578.9
-57.5°	1854.1	2146.8	2459.3	2767.6	3058.9	3341.7	3624.1	3920.6	4249.2	4604.5	4966.8
-60°	1628.4	1875.0	2151.3	2425.5	2677.2	2927.2	3183.2	3453.0	3745.8	4062.3	4382.0
-62.5°	1411.2	1620.3	1838.7	2081.4	2300.5	2521.5	2747.5	2999.2	3256.1	3536.8	3817.0
-65°	1210.3	1379.7	1564.1	1740.5	1947.1	2138.3	2348.1	2571.0	2803.6	3041.0	3279.3
-67.5°	1016.3	1168.2	1312.2	1470.1	1628.2	1794.7	1978.7	2166.5	2366.2	2566.6	2765.3
-70°	851.1	966.4	1092.7	1218.8	1343.9	1488.6	1635.9	1783.8	1946.4	2105.2	2262.8
-72.5°	691.2	795.6	894.1	987.9	1099.2	1210.9	1322.3	1442.9	1566.0	1678.6	1784.6
-75°	569.6	643.2	714.4	800.0	883.8	964.9	1047.3	1143.5	1233.7	1314.1	1386.1
-77.5°	452.4	512.0	574.1	634.0	694.1	753.9	819.6	884.7	945.1	997.2	1044.6
-80°	351.3	396.7	438.7	481.5	524.8	562.8	598.6	637.4	675.6	704.9	725.6
-82.5°	253.6	285.1	307.6	329.5	353.9	375.6	393.8	411.1	422.2	427.0	438.4
-85°	159.8	177.8	194.2	209.2	220.9	229.1	236.1	246.6	258.8	272.5	286.7
-87.5°	77.7	84.2	91.6	101.7	110.7	119.9	130.6	141.5	152.6	165.5	175.1
-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: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

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°	57.3	60.4	63.4	62.7	66.7	68.6	70.5	70.4	73.6	75.0	78.0
85°	176.5	186.8	198.3	206.6	216.0	222.9	229.8	236.4	242.7	250.6	261.6
82.5°	419.8	454.3	491.5	522.0	549.0	568.2	581.0	608.8	638.1	668.7	707.5
80°	854.2	968.7	1065.5	1137.9	1192.1	1230.4	1253.2	1308.5	1390.5	1481.4	1598.9
77.5°	1555.3	1758.9	1925.3	2057.3	2130.9	2161.0	2201.3	2273.2	2413.2	2625.5	2890.1
75°	2349.8	2636.8	2916.1	3153.1	3363.9	3481.5	3592.1	3793.0	4113.6	4476.9	4781.0
72.5°	3344.0	3808.4	4319.3	4846.1	5327.9	5709.4	6037.5	6366.8	6708.0	6946.3	7063.4
70°	4668.7	5390.9	6169.7	6939.7	7628.6	8269.2	8766.4	9128.7	9350.5	9359.6	9137.6
67.5°	6496.8	7509.6	8517.3	9464.8	10490.9	11434.3	12070.2	12415.4	12624.4	12725.9	12764.6
65°	9367.2	10725.7	11956.9	13270.4	15324.6	16753.1	17625.2	18075.4	18517.2	19079.9	19417.2
62.5°	15036.4	18367.7	20651.8	23324.8	27463.5	30174.5	31468.4	32820.5	35422.0	36827.2	37460.1
60°	28127.9	34202.1	40427.7	46800.0	54271.7	61234.2	66697.8	72808.8	78040.8	82032.4	84352.0
57.5°	43612.8	54869.3	65549.1	74944.3	84684.9	95680.5	106537.0	117962.7	129234.1	139700.7	147259.5
55°	60417.7	73428.9	84467.0	93618.8	103723.3	116790.8	128721.4	142465.2	156778.9	170203.4	176808.8
52.5°	73098.2	85979.8	95146.5	102568.8	110126.7	119735.2	130304.3	142115.6	155683.9	166722.0	174540.5
50°	83715.8	94428.8	100891.1	106154.4	111585.9	117275.4	123735.8	130605.0	138982.4	147045.6	152525.3
47.5°	90321.4	99364.4	104504.3	107927.9	111174.5	113516.4	116022.7	119521.1	123779.9	126934.4	128361.8
45°	93957.8	101260.9	104967.6	106759.8	107734.3	107695.8	107870.1	109426.9	111330.6	111163.1	110074.7
42.5°	95515.3	101253.5	103564.3	104281.4	104090.0	102921.5	101885.4	102518.8	103048.7	101562.6	100147.0
40°	96761.9	101168.0	102625.4	102580.8	101622.4	99591.9	98087.5	98118.0	97572.4	95500.2	93822.7
37.5°	97768.3	101458.4	102019.9	101184.5	99446.6	96758.2	94903.6	94441.2	93032.6	90663.8	89187.1
35°	98295.4	100872.1	100526.8	98939.2	96489.8	93452.1	91407.7	90509.1	88512.2	86405.9	85035.6
32.5°	97218.3	98573.3	97573.4	95507.8	92651.7	89517.2	87614.5	86465.0	84027.2	82245.5	81247.9
30°	94127.2	94775.7	93545.6	91120.3	87964.7	85088.3	83439.5	82138.3	79578.2	78029.4	77207.9
27.5°	90304.2	90311.5	88760.6	86041.3	82991.6	80387.8	79117.2	77426.7	74999.3	73569.3	72697.8
25°	85963.1	85382.5	83440.7	80724.5	77908.9	75602.8	74531.2	72532.6	70172.5	68785.0	67920.6
22.5°	81025.2	80158.1	78161.4	75521.2	72958.3	70978.0	69873.4	67679.6	65537.1	64257.3	63377.4
20°	76228.8	75072.1	73184.5	70670.1	68353.8	66597.3	65620.0	63326.3	61466.4	60259.9	59419.5
17.5°	71239.6	70084.8	68369.1	66099.0	64035.0	62601.0	61515.4	59322.3	57840.7	56824.8	56004.7
15°	66053.8	64896.1	63285.8	61289.8	59591.8	58484.2	57416.5	55562.8	54225.9	53287.2	52469.3
12.5°	60105.4	59260.4	57946.5	56109.6	54719.2	53893.6	52970.8	51228.6	50158.4	49318.9	48505.8
10°	53706.0	53127.0	52033.8	50541.4	49451.5	48912.8	48174.0	46602.1	45748.7	45068.2	44482.1
7.5°	47104.8	46665.9	45851.1	44709.7	43907.2	43582.3	43165.9	42106.6	41286.6	40699.8	40290.3
5°	40576.3	40287.2	39670.4	38790.2	38304.4	38107.1	37837.2	37222.7	36772.1	36353.1	36020.8
2.5°	34497.0	34295.0	33846.3	33216.6	32893.6	32839.2	32766.5	32360.5	32140.4	32034.4	31944.4
0°	29013.0	28921.8	28632.3	28178.4	28043.5	28090.7	28209.2	28029.9	27946.5	27852.8	27766.8
-2.5°	24566.4	24539.2	24357.1	24112.5	24133.4	24277.2	24489.6	24433.7	24374.0	24337.4	24319.4
-5°	20776.9	20820.1	20760.2	20705.1	20922.8	21182.3	21384.8	21447.7	21480.8	21490.0	21545.1
-7.5°	17681.6	17858.5	17933.0	18107.7	18464.2	18753.2	18968.2	19137.5	19269.8	19382.2	19523.1
-10°	15446.2	15730.9	15921.9	16187.4	16537.8	16907.1	17217.0	17426.6	17675.8	17877.9	18050.6
-12.5°	13858.7	14302.8	14598.5	14864.4	15211.6	15594.2	15977.1	16343.2	16658.7	16846.6	16985.2
-15°	12848.1	13402.0	13844.2	14126.3	14382.2	14768.6	15246.4	15670.5	16002.9	16155.4	16249.2
-17.5°	12234.3	12833.8	13337.4	13612.6	13825.9	14258.3	14773.5	15235.0	15564.6	15727.9	15803.1
-20°	11700.2	12324.8	12864.6	13143.8	13400.5	13834.8	14407.1	14857.1	15216.1	15417.7	15504.4



REPORT NUMBER: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11223.5	11852.7	12386.9	12677.5	12960.6	13466.6	14050.1	14515.1	14943.1	15223.1	15365.0
-25°	10750.0	11404.2	11972.1	12285.6	12599.7	13173.0	13787.3	14337.0	14795.1	15142.7	15323.1
-27.5°	10416.7	11057.5	11662.1	12040.1	12405.2	12986.9	13636.4	14215.2	14729.9	15126.8	15304.6
-30°	10159.1	10815.6	11456.9	11911.8	12300.8	12872.8	13564.7	14167.8	14707.5	15143.2	15322.8
-32.5°	9945.4	10617.3	11293.0	11807.4	12229.1	12804.0	13507.0	14161.0	14709.8	15150.8	15345.2
-35°	9729.8	10411.5	11113.2	11657.4	12093.5	12678.0	13380.8	14043.0	14617.9	15061.0	15290.1
-37.5°	9465.3	10145.2	10840.9	11413.7	11860.9	12397.2	13096.9	13773.8	14364.9	14823.3	15001.8
-40°	9172.3	9807.9	10480.7	11045.5	11486.1	11936.6	12580.9	13252.4	13813.8	14227.9	14436.6
-42.5°	8830.8	9450.0	10039.7	10556.6	10940.3	11309.7	11858.5	12506.5	13035.3	13429.7	13636.1
-45°	8388.0	8989.9	9568.1	9991.0	10306.8	10573.2	11021.8	11609.2	12148.4	12565.5	12848.2
-47.5°	7828.7	8396.5	8919.5	9336.8	9647.2	9880.8	10231.2	10752.4	11301.5	11788.1	12157.3
-50°	7216.1	7722.0	8191.7	8599.0	8951.2	9200.1	9487.7	9941.7	10513.2	11083.1	11546.1
-52.5°	6612.7	7033.9	7437.7	7814.0	8152.2	8410.9	8684.9	9090.1	9662.8	10293.3	10849.2
-55°	5975.7	6347.9	6694.5	7019.6	7317.8	7595.7	7846.3	8177.2	8686.7	9305.6	9862.7
-57.5°	5317.5	5648.9	5944.7	6245.0	6522.5	6761.7	6988.3	7255.2	7651.1	8162.0	8673.3
-60°	4679.3	4963.9	5230.7	5506.1	5774.6	6010.5	6221.1	6406.3	6680.4	7050.2	7445.0
-62.5°	4074.6	4308.2	4524.2	4759.8	5009.2	5227.8	5421.0	5581.6	5772.6	6028.1	6339.1
-65°	3495.5	3680.6	3851.1	4039.1	4253.2	4447.6	4617.8	4768.3	4919.6	5102.8	5353.3
-67.5°	2942.1	3091.2	3222.6	3363.8	3534.2	3708.5	3860.8	3999.3	4144.1	4302.8	4503.6
-70°	2413.2	2543.9	2653.7	2757.8	2869.0	3001.6	3129.8	3260.0	3404.8	3571.1	3767.8
-72.5°	1901.6	2021.4	2126.8	2216.3	2296.2	2377.5	2467.7	2570.1	2692.2	2845.1	3054.4
-75°	1465.8	1552.0	1636.1	1707.2	1768.8	1829.2	1891.4	1963.7	2055.1	2186.3	2382.6
-77.5°	1091.1	1139.3	1190.6	1232.9	1270.8	1311.4	1353.8	1395.1	1447.2	1523.1	1602.7
-80°	742.5	762.2	785.1	808.4	831.2	857.0	883.9	906.3	923.5	937.3	946.5
-82.5°	458.4	479.5	498.5	513.6	528.3	544.5	558.9	572.9	586.5	594.0	599.6
-85°	302.2	317.3	332.6	345.7	356.2	368.0	377.5	386.5	395.2	402.2	409.2
-87.5°	184.7	193.7	200.9	209.7	218.0	224.6	232.5	238.5	244.4	248.4	253.9
-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: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

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°	80.9	83.1	84.8	84.9	84.8	83.1	80.9	78.0	75.0	73.6	70.4
85°	291.3	330.0	356.1	362.3	356.1	330.0	291.3	261.6	250.6	242.7	236.4
82.5°	816.5	947.1	1042.0	1071.1	1042.0	947.1	816.5	707.5	668.7	638.1	608.8
80°	1832.5	2071.5	2235.8	2314.0	2235.8	2071.5	1832.5	1598.9	1481.4	1390.5	1308.5
77.5°	3166.9	3419.6	3600.7	3695.9	3600.7	3419.6	3166.9	2890.1	2625.5	2413.2	2273.2
75°	4956.7	5151.1	5343.8	5429.6	5343.8	5151.1	4956.7	4781.0	4476.9	4113.6	3793.0
72.5°	7065.7	7152.2	7336.0	7472.6	7336.0	7152.2	7065.7	7063.4	6946.3	6708.0	6366.8
70°	8830.8	8779.1	8992.6	9188.9	8992.6	8779.1	8830.8	9137.6	9359.6	9350.5	9128.7
67.5°	12578.0	12319.4	12149.7	12082.1	12149.7	12319.4	12578.0	12764.6	12725.9	12624.4	12415.4
65°	19592.9	19561.1	19424.9	19334.6	19424.9	19561.1	19592.9	19417.2	19079.9	18517.2	18075.4
62.5°	37447.1	36808.1	36028.8	35625.3	36028.8	36808.1	37447.1	37460.1	36827.2	35422.0	32820.5
60°	84330.2	82575.8	80598.1	79535.3	80598.1	82575.8	84330.2	84352.0	82032.4	78040.8	72808.8
57.5°	148365.8	147169.6	146165.7	145814.0	146165.7	147169.6	148365.8	147259.5	139700.7	129234.1	117962.7
55°	179682.6	180674.6	181348.2	181846.6	181348.2	180674.6	179682.6	176808.8	170203.4	156778.9	142465.2
52.5°	178942.1	181724.9	183473.0	184301.9	183473.0	181724.9	178942.1	174540.5	166722.0	155683.9	142115.6
50°	156243.4	158966.0	160546.7	161724.2	160546.7	158966.0	156243.4	152525.3	147045.6	138982.4	130605.0
47.5°	129495.0	130590.1	130974.0	131371.6	130974.0	130590.1	129495.0	128361.8	126934.4	123779.9	119521.1
45°	110145.5	109892.1	109448.9	109298.2	109448.9	109892.1	110145.5	110074.7	111163.1	111330.6	109426.9
42.5°	99382.7	98511.9	97641.2	97360.4	97641.2	98511.9	99382.7	100147.0	101562.6	103048.7	102518.8
40°	92685.5	91710.6	90972.8	90923.9	90972.8	91710.6	92685.5	93822.7	95500.2	97572.4	98118.0
37.5°	88092.4	87284.5	86705.2	86621.8	86705.2	87284.5	88092.4	89187.1	90663.8	93032.6	94441.2
35°	84067.0	83450.1	82983.1	82922.3	82983.1	83450.1	84067.0	85035.6	86405.9	88512.2	90509.1
32.5°	80474.0	80018.6	79771.0	79918.7	79771.0	80018.6	80474.0	81247.9	82245.5	84027.2	86465.0
30°	76605.4	76433.7	76331.9	76837.2	76331.9	76433.7	76605.4	77207.9	78029.4	79578.2	82138.3
27.5°	72185.8	72110.3	71969.4	72153.5	71969.4	72110.3	72185.8	72697.8	73569.3	74999.3	77426.7
25°	67280.3	67089.7	66958.6	66894.2	66958.6	67089.7	67280.3	67920.6	68785.0	70172.5	72532.6
22.5°	62771.7	62440.2	62316.5	62168.7	62316.5	62440.2	62771.7	63377.4	64257.3	65537.1	67679.6
20°	58831.8	58435.4	58312.4	58346.0	58312.4	58435.4	58831.8	59419.5	60259.9	61466.4	63326.3
17.5°	55303.5	54930.7	54790.6	54782.4	54790.6	54930.7	55303.5	56004.7	56824.8	57840.7	59322.3
15°	51752.8	51295.0	51140.3	51022.3	51140.3	51295.0	51752.8	52469.3	53287.2	54225.9	55562.8
12.5°	47945.6	47448.5	47236.4	47110.2	47236.4	47448.5	47945.6	48505.8	49318.9	50158.4	51228.6
10°	43926.7	43569.3	43234.6	43153.8	43234.6	43569.3	43926.7	44482.1	45068.2	45748.7	46602.1
7.5°	39825.6	39536.8	39311.0	39290.1	39311.0	39536.8	39825.6	40290.3	40699.8	41286.6	42106.6
5°	35765.4	35538.2	35387.5	35356.4	35387.5	35538.2	35765.4	36020.8	36353.1	36772.1	37222.7
2.5°	31729.6	31542.9	31464.4	31465.8	31464.4	31542.9	31729.6	31944.4	32034.4	32140.4	32360.5
0°	27637.6	27574.4	27610.5	27664.9	27610.5	27574.4	27637.6	27766.8	27852.8	27946.5	28029.9
-2.5°	24251.7	24262.6	24337.2	24469.7	24337.2	24262.6	24251.7	24319.4	24337.4	24374.0	24433.7
-5°	21614.3	21716.9	21730.9	21848.1	21730.9	21716.9	21614.3	21545.1	21490.0	21480.8	21447.7
-7.5°	19656.5	19766.4	19808.0	19871.7	19808.0	19766.4	19656.5	19523.1	19382.2	19269.8	19137.5
-10°	18178.8	18218.9	18281.3	18303.1	18281.3	18218.9	18178.8	18050.6	17877.9	17675.8	17426.6
-12.5°	17079.6	17145.7	17182.1	17216.4	17182.1	17145.7	17079.6	16985.2	16846.6	16658.7	16343.2
-15°	16334.4	16392.5	16440.9	16476.7	16440.9	16392.5	16334.4	16249.2	16155.4	16002.9	15670.5
-17.5°	15874.0	15938.5	15994.2	16054.4	15994.2	15938.5	15874.0	15803.1	15727.9	15564.6	15235.0
-20°	15589.8	15653.8	15678.9	15740.1	15678.9	15653.8	15589.8	15504.4	15417.7	15216.1	14857.1



REPORT NUMBER: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15476.6	15529.0	15567.4	15650.1	15567.4	15529.0	15476.6	15365.0	15223.1	14943.1	14515.1
-25°	15407.1	15435.6	15482.3	15539.2	15482.3	15435.6	15407.1	15323.1	15142.7	14795.1	14337.0
-27.5°	15373.6	15382.4	15414.5	15495.1	15414.5	15382.4	15373.6	15304.6	15126.8	14729.9	14215.2
-30°	15361.4	15353.2	15379.9	15440.0	15379.9	15353.2	15361.4	15322.8	15143.2	14707.5	14167.8
-32.5°	15362.0	15344.3	15342.3	15398.8	15342.3	15344.3	15362.0	15345.2	15150.8	14709.8	14161.0
-35°	15266.1	15205.9	15187.1	15236.9	15187.1	15205.9	15266.1	15290.1	15061.0	14617.9	14043.0
-37.5°	14951.2	14887.2	14879.0	14937.6	14879.0	14887.2	14951.2	15001.8	14823.3	14364.9	13773.8
-40°	14377.3	14249.3	14198.3	14214.7	14198.3	14249.3	14377.3	14436.6	14227.9	13813.8	13252.4
-42.5°	13643.7	13538.9	13491.9	13491.2	13491.9	13538.9	13643.7	13636.1	13429.7	13035.3	12506.5
-45°	12975.6	12940.9	12921.2	12953.2	12921.2	12940.9	12975.6	12848.2	12565.5	12148.4	11609.2
-47.5°	12406.3	12501.2	12552.3	12617.1	12552.3	12501.2	12406.3	12157.3	11788.1	11301.5	10752.4
-50°	11919.0	12149.3	12309.2	12423.1	12309.2	12149.3	11919.0	11546.1	11083.1	10513.2	9941.7
-52.5°	11310.7	11647.3	11922.9	12100.9	11922.9	11647.3	11310.7	10849.2	10293.3	9662.8	9090.1
-55°	10334.0	10674.8	10945.1	11097.3	10945.1	10674.8	10334.0	9862.7	9305.6	8686.7	8177.2
-57.5°	9100.7	9387.6	9592.6	9704.8	9592.6	9387.6	9100.7	8673.3	8162.0	7651.1	7255.2
-60°	7767.9	7990.7	8172.0	8265.2	8172.0	7990.7	7767.9	7445.0	7050.2	6680.4	6406.3
-62.5°	6615.0	6821.5	7000.6	7080.9	7000.6	6821.5	6615.0	6339.1	6028.1	5772.6	5581.6
-65°	5602.0	5792.7	5931.6	6013.2	5931.6	5792.7	5602.0	5353.3	5102.8	4919.6	4768.3
-67.5°	4720.3	4885.2	4997.8	5053.6	4997.8	4885.2	4720.3	4503.6	4302.8	4144.1	3999.3
-70°	3983.3	4151.3	4272.4	4337.8	4272.4	4151.3	3983.3	3767.8	3571.1	3404.8	3260.0
-72.5°	3312.2	3532.3	3690.1	3778.8	3690.1	3532.3	3312.2	3054.4	2845.1	2692.2	2570.1
-75°	2542.5	2701.3	2868.1	2970.9	2868.1	2701.3	2542.5	2382.6	2186.3	2055.1	1963.7
-77.5°	1631.0	1692.7	1786.2	1847.3	1786.2	1692.7	1631.0	1602.7	1523.1	1447.2	1395.1
-80°	954.5	974.0	1006.2	1029.3	1006.2	974.0	954.5	946.5	937.3	923.5	906.3
-82.5°	605.9	614.1	623.5	627.4	623.5	614.1	605.9	599.6	594.0	586.5	572.9
-85°	413.1	417.4	420.6	422.7	420.6	417.4	413.1	409.2	402.2	395.2	386.5
-87.5°	256.8	259.5	260.4	261.1	260.4	259.5	256.8	253.9	248.4	244.4	238.5
-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: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

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°	70.5	68.6	66.7	62.7	63.4	60.4	57.3	55.9	54.0	53.6	51.5
85°	229.8	222.9	216.0	206.6	198.3	186.8	176.5	167.1	163.8	160.0	156.4
82.5°	581.0	568.2	549.0	522.0	491.5	454.3	419.8	395.9	383.7	372.0	357.9
80°	1253.2	1230.4	1192.1	1137.9	1065.5	968.7	854.2	777.5	743.6	709.3	670.1
77.5°	2201.3	2161.0	2130.9	2057.3	1925.3	1758.9	1555.3	1375.5	1268.9	1183.4	1100.2
75°	3592.1	3481.5	3363.9	3153.1	2916.1	2636.8	2349.8	2112.4	1933.8	1783.3	1645.0
72.5°	6037.5	5709.4	5327.9	4846.1	4319.3	3808.4	3344.0	2980.7	2722.1	2496.8	2287.3
70°	8766.4	8269.2	7628.6	6939.7	6169.7	5390.9	4668.7	4085.5	3682.7	3347.6	3016.6
67.5°	12070.2	11434.3	10490.9	9464.8	8517.3	7509.6	6496.8	5651.7	5032.3	4468.4	4009.5
65°	17625.2	16753.1	15324.6	13270.4	11956.9	10725.7	9367.2	8120.3	7158.1	6151.1	5415.2
62.5°	31468.4	30174.5	27463.5	23324.8	20651.8	18367.7	15036.4	13054.8	11248.3	8863.8	7646.0
60°	66697.8	61234.2	54271.7	46800.0	40427.7	34202.1	28127.9	23377.1	18806.8	15136.6	11871.9
57.5°	106537.0	95680.5	84684.9	74944.3	65549.1	54869.3	43612.8	34959.5	28567.2	23092.8	18299.1
55°	128721.4	116790.8	103723.3	93618.8	84467.0	73428.9	60417.7	46556.8	36685.6	30256.9	25272.5
52.5°	130304.3	119735.2	110126.7	102568.8	95146.5	85979.8	73098.2	56969.3	43795.8	35690.6	30501.3
50°	123735.8	117275.4	111585.9	106154.4	100891.1	94428.8	83715.8	66308.1	49876.5	39041.4	33485.4
47.5°	116022.7	113516.4	111174.5	107927.9	104504.3	99364.4	90321.4	74980.7	56688.6	42418.1	35341.9
45°	107870.1	107695.8	107734.3	106759.8	104967.6	101260.9	93957.8	81142.2	62599.8	46530.4	36287.5
42.5°	101885.4	102921.5	104090.0	104281.4	103564.3	101253.5	95515.3	84824.7	68253.9	51080.3	38612.3
40°	98087.5	99591.9	101622.4	102580.8	102625.4	101168.0	96761.9	87897.6	73209.3	55537.4	41388.2
37.5°	94903.6	96758.2	99446.6	101184.5	102019.9	101458.4	97768.3	90031.1	77364.1	60639.1	44794.6
35°	91407.7	93452.1	96489.8	98939.2	100526.8	100872.1	98295.4	91417.5	80293.7	64923.0	48578.1
32.5°	87614.5	89517.2	92651.7	95507.8	97573.4	98573.3	97218.3	91845.1	81944.9	67943.3	51918.7
30°	83439.5	85088.3	87964.7	91120.3	93545.6	94775.7	94127.2	90153.1	81804.3	69561.7	54469.4
27.5°	79117.2	80387.8	82991.6	86041.3	88760.6	90311.5	90304.2	87554.3	80663.2	69804.2	55890.4
25°	74531.2	75602.8	77908.9	80724.5	83440.7	85382.5	85963.1	84228.0	79034.8	69603.6	56852.9
22.5°	69873.4	70978.0	72958.3	75521.2	78161.4	80158.1	81025.2	79927.3	75832.8	68011.7	56646.1
20°	65620.0	66597.3	68353.8	70670.1	73184.5	75072.1	76228.8	75838.4	72736.9	66306.3	56131.5
17.5°	61515.4	62601.0	64035.0	66099.0	68369.1	70084.8	71239.6	71171.3	68723.2	63382.5	54752.2
15°	57416.5	58484.2	59591.8	61289.8	63285.8	64896.1	66053.8	66261.5	64306.0	59733.0	52366.1
12.5°	52970.8	53893.6	54719.2	56109.6	57946.5	59260.4	60105.4	60267.5	58883.7	55242.0	49070.2
10°	48174.0	48912.8	49451.5	50541.4	52033.8	53127.0	53706.0	53814.6	52681.1	49591.5	44706.8
7.5°	43165.9	43582.3	43907.2	44709.7	45851.1	46665.9	47104.8	47149.4	46195.0	43593.2	39560.0
5°	37837.2	38107.1	38304.4	38790.2	39670.4	40287.2	40576.3	40535.3	39718.5	37521.1	34291.1
2.5°	32766.5	32839.2	32893.6	33216.6	33846.3	34295.0	34497.0	34350.4	33571.2	31734.7	29203.4
0°	28209.2	28090.7	28043.5	28178.4	28632.3	28921.8	29013.0	28765.8	27947.0	26384.6	24523.5
-2.5°	24489.6	24277.2	24133.4	24112.5	24357.1	24539.2	24566.4	24265.9	23583.8	22262.5	20771.0
-5°	21384.8	21182.3	20922.8	20705.1	20760.2	20820.1	20776.9	20458.2	19794.1	18706.6	17548.1
-7.5°	18968.2	18753.2	18464.2	18107.7	17933.0	17858.5	17681.6	17259.4	16675.7	15837.0	14920.1
-10°	17217.0	16907.1	16537.8	16187.4	15921.9	15730.9	15446.2	14934.7	14345.3	13619.4	12865.9
-12.5°	15977.1	15594.2	15211.6	14864.4	14598.5	14302.8	13858.7	13350.4	12732.4	12097.9	11447.5
-15°	15246.4	14768.6	14382.2	14126.3	13844.2	13402.0	12848.1	12303.1	11675.7	11071.7	10473.9
-17.5°	14773.5	14258.3	13825.9	13612.6	13337.4	12833.8	12234.3	11626.7	10980.8	10368.9	9782.3
-20°	14407.1	13834.8	13400.5	13143.8	12864.6	12324.8	11700.2	11121.7	10498.3	9872.3	9281.6



REPORT NUMBER: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14050.1	13466.6	12960.6	12677.5	12386.9	11852.7	11223.5	10663.8	10092.0	9479.7	8880.8
-25°	13787.3	13173.0	12599.7	12285.6	11972.1	11404.2	10750.0	10221.5	9715.5	9116.1	8537.1
-27.5°	13636.4	12986.9	12405.2	12040.1	11662.1	11057.5	10416.7	9879.4	9360.0	8801.0	8232.8
-30°	13564.7	12872.8	12300.8	11911.8	11456.9	10815.6	10159.1	9613.5	9067.2	8511.8	7972.0
-32.5°	13507.0	12804.0	12229.1	11807.4	11293.0	10617.3	9945.4	9383.8	8795.8	8243.2	7754.5
-35°	13380.8	12678.0	12093.5	11657.4	11113.2	10411.5	9729.8	9144.5	8568.5	8023.1	7526.6
-37.5°	13096.9	12397.2	11860.9	11413.7	10840.9	10145.2	9465.3	8878.8	8319.3	7793.9	7291.2
-40°	12580.9	11936.6	11486.1	11045.5	10480.7	9807.9	9172.3	8581.7	8036.8	7511.7	7024.4
-42.5°	11858.5	11309.7	10940.3	10556.6	10039.7	9450.0	8830.8	8236.3	7699.6	7194.5	6704.1
-45°	11021.8	10573.2	10306.8	9991.0	9568.1	8989.9	8388.0	7814.2	7299.5	6804.0	6311.7
-47.5°	10231.2	9880.8	9647.2	9336.8	8919.5	8396.5	7828.7	7299.0	6808.4	6324.5	5861.3
-50°	9487.7	9200.1	8951.2	8599.0	8191.7	7722.0	7216.1	6749.5	6286.6	5814.7	5370.8
-52.5°	8684.9	8410.9	8152.2	7814.0	7437.7	7033.9	6612.7	6180.6	5742.5	5288.8	4879.3
-55°	7846.3	7595.7	7317.8	7019.6	6694.5	6347.9	5975.7	5578.9	5158.9	4764.8	4399.4
-57.5°	6988.3	6761.7	6522.5	6245.0	5944.7	5648.9	5317.5	4966.8	4604.5	4249.2	3920.6
-60°	6221.1	6010.5	5774.6	5506.1	5230.7	4963.9	4679.3	4382.0	4062.3	3745.8	3453.0
-62.5°	5421.0	5227.8	5009.2	4759.8	4524.2	4308.2	4074.6	3817.0	3536.8	3256.1	2999.2
-65°	4617.8	4447.6	4253.2	4039.1	3851.1	3680.6	3495.5	3279.3	3041.0	2803.6	2571.0
-67.5°	3860.8	3708.5	3534.2	3363.8	3222.6	3091.2	2942.1	2765.3	2566.6	2366.2	2166.5
-70°	3129.8	3001.6	2869.0	2757.8	2653.7	2543.9	2413.2	2262.8	2105.2	1946.4	1783.8
-72.5°	2467.7	2377.5	2296.2	2216.3	2126.8	2021.4	1901.6	1784.6	1678.6	1566.0	1442.9
-75°	1891.4	1829.2	1768.8	1707.2	1636.1	1552.0	1465.8	1386.1	1314.1	1233.7	1143.5
-77.5°	1353.8	1311.4	1270.8	1232.9	1190.6	1139.3	1091.1	1044.6	997.2	945.1	884.7
-80°	883.9	857.0	831.2	808.4	785.1	762.2	742.5	725.6	704.9	675.6	637.4
-82.5°	558.9	544.5	528.3	513.6	498.5	479.5	458.4	438.4	427.0	422.2	411.1
-85°	377.5	368.0	356.2	345.7	332.6	317.3	302.2	286.7	272.5	258.8	246.6
-87.5°	232.5	224.6	218.0	209.7	200.9	193.7	184.7	175.1	165.5	152.6	141.5
-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: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

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°	50.7	48.3	47.1	45.7	44.0	42.1	39.9	38.5	35.7	32.7	30.1
85°	150.4	144.1	137.1	128.3	117.7	106.7	94.3	82.1	71.3	65.4	60.2
82.5°	337.6	314.6	287.2	256.5	221.5	205.0	188.0	169.9	149.6	125.9	102.1
80°	621.8	570.4	511.7	468.1	425.0	378.4	327.1	273.4	231.9	200.5	167.6
77.5°	1007.0	908.3	843.3	766.2	678.0	585.8	506.7	439.4	369.4	292.6	232.7
75°	1506.8	1391.3	1269.3	1130.6	976.4	862.5	744.2	621.4	520.0	426.8	328.4
72.5°	2104.5	1933.6	1752.2	1566.3	1376.3	1177.8	996.7	844.8	696.4	558.9	440.3
70°	2773.6	2528.5	2263.0	2018.1	1770.8	1517.7	1282.6	1069.6	882.6	714.0	549.9
67.5°	3644.6	3207.8	2849.3	2498.9	2156.1	1850.7	1559.3	1302.9	1072.9	869.3	679.1
65°	4757.0	4126.7	3552.5	3004.8	2573.1	2176.1	1833.1	1529.6	1268.0	1028.5	808.6
62.5°	6171.6	5161.7	4323.7	3591.1	2990.4	2504.5	2098.9	1751.6	1457.8	1194.8	934.4
60°	8865.0	7045.7	5223.9	4272.6	3445.1	2853.2	2366.4	1972.3	1648.5	1356.4	1075.2
57.5°	14179.0	10185.4	7583.8	5057.2	4070.1	3241.5	2656.4	2203.3	1836.2	1522.1	1212.8
55°	20206.9	15456.3	11035.1	7658.4	4772.1	3773.6	2992.4	2425.3	2038.2	1685.9	1345.9
52.5°	25995.3	20989.8	15860.0	11012.7	7209.7	4371.2	3379.5	2707.8	2239.1	1845.9	1483.2
50°	30075.8	25951.3	20950.4	15631.0	10066.8	6143.7	3850.1	2979.9	2449.9	2019.6	1616.3
47.5°	31772.2	29477.2	25582.2	20328.7	14584.9	8204.3	4494.5	3304.5	2683.7	2187.1	1743.9
45°	32361.6	30530.5	28595.3	24953.4	18952.2	11714.7	5991.8	3606.6	2907.4	2342.9	1872.5
42.5°	32315.6	30727.9	29982.5	27724.3	23125.1	15594.0	7206.2	4007.0	3140.6	2524.4	1996.2
40°	33318.5	30656.3	30464.9	30172.6	26729.2	19384.9	10169.1	4879.4	3370.0	2694.9	2111.2
37.5°	34860.0	31073.2	30594.1	30772.6	29024.4	23193.1	13096.2	5528.3	3578.4	2853.7	2217.9
35°	37103.9	31493.5	30508.3	31291.7	31063.2	26663.1	15888.4	6683.2	3899.1	3002.2	2328.8
32.5°	39355.8	32417.3	30421.8	30909.7	31290.6	28431.9	19187.0	8686.0	4278.0	3146.6	2434.8
30°	40882.8	32760.6	30022.8	30307.9	31436.3	29955.7	22350.9	10242.9	4565.8	3274.6	2528.9
27.5°	42499.1	33703.6	30075.1	29864.2	31041.5	30679.4	24612.7	11438.3	4775.7	3387.5	2613.5
25°	43367.7	34091.5	30030.2	29442.3	30454.5	30345.7	25463.1	13680.2	5494.8	3499.7	2688.5
22.5°	43972.4	34488.6	29937.0	28963.0	29747.3	30139.9	25998.1	15532.5	6329.9	3660.3	2759.5
20°	44273.8	34713.2	29889.5	28599.1	29111.9	29690.7	26403.5	17008.9	6913.9	3789.2	2826.0
17.5°	43878.1	34219.6	29395.6	28017.9	28259.8	28736.8	26163.9	18041.6	7294.4	3892.2	2880.6
15°	42647.2	33589.9	28524.8	27227.1	27306.1	27584.5	25323.3	18405.7	7519.3	3966.8	2923.0
12.5°	40509.8	32443.3	27699.7	26193.3	26222.7	26415.7	24228.7	17992.2	7570.4	4018.5	2953.0
10°	37559.4	30642.8	26436.1	25073.8	24918.6	25046.0	23049.1	17276.2	7821.6	4049.4	2971.4
7.5°	33983.2	28347.5	24810.1	23707.0	23556.4	23546.9	21490.2	16173.6	7905.5	4057.9	2978.4
5°	30064.7	25761.2	22983.4	22100.9	21954.6	21889.4	19810.0	14862.5	7708.9	4043.3	2974.9
2.5°	26151.9	23074.7	21035.5	20359.7	20187.6	19974.7	17728.3	13234.7	7282.6	4007.8	2959.9
0°	22408.8	20367.7	19020.7	18491.2	18296.6	17944.3	15532.0	11477.0	6696.0	3953.7	2933.8
-2.5°	19302.2	17927.3	16914.6	16468.6	16221.0	15724.9	13366.2	9934.8	6149.1	3885.1	2898.1
-5°	16530.8	15589.1	14882.2	14526.9	14224.2	13535.4	11183.9	8347.1	5566.3	3801.1	2851.8
-7.5°	14203.4	13523.7	13006.2	12685.6	12329.4	11558.3	9539.1	7265.3	5113.9	3704.1	2795.3
-10°	12328.9	11788.2	11352.7	11126.7	10765.0	9855.1	7990.8	6297.2	4768.0	3597.0	2729.6
-12.5°	10921.4	10400.4	10084.3	9815.0	9327.1	8455.0	7071.2	5693.2	4480.1	3478.2	2655.4
-15°	9922.2	9411.4	9075.3	8674.3	8227.5	7445.1	6268.3	5278.0	4287.4	3354.1	2573.3
-17.5°	9195.3	8711.9	8274.7	7877.3	7374.9	6644.2	5809.6	4964.1	4089.1	3227.7	2489.0
-20°	8691.7	8179.0	7687.3	7256.3	6713.8	6156.9	5433.2	4723.2	3905.1	3093.7	2401.4



REPORT NUMBER: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	8301.9	7765.5	7286.7	6765.9	6312.3	5769.9	5179.1	4488.8	3729.8	2962.8	2307.0
-25°	7981.9	7477.1	6979.0	6498.1	6003.5	5526.9	4929.4	4285.9	3552.3	2834.6	2215.0
-27.5°	7728.8	7239.7	6730.1	6255.0	5814.3	5300.1	4730.1	4084.6	3393.4	2717.4	2131.7
-30°	7506.4	7025.1	6519.7	6054.5	5624.5	5108.7	4526.1	3896.6	3238.3	2599.7	2041.5
-32.5°	7289.5	6814.2	6327.6	5872.4	5431.1	4909.3	4327.6	3708.6	3077.4	2479.9	1944.7
-35°	7061.7	6595.3	6125.9	5673.3	5239.3	4713.7	4126.8	3513.1	2911.8	2352.6	1842.9
-37.5°	6827.8	6362.6	5906.4	5455.3	5009.5	4489.1	3906.8	3315.0	2748.1	2224.1	1742.2
-40°	6561.2	6100.8	5650.5	5212.3	4765.4	4238.1	3667.1	3106.4	2583.6	2090.3	1643.1
-42.5°	6239.6	5789.2	5344.7	4908.0	4462.5	3955.3	3411.0	2885.1	2404.6	1948.2	1537.9
-45°	5853.2	5419.1	4995.8	4578.3	4132.4	3648.0	3144.1	2664.8	2221.9	1798.1	1426.2
-47.5°	5423.2	5009.4	4605.3	4210.6	3786.5	3329.5	2862.7	2440.1	2038.6	1660.1	1312.6
-50°	4964.2	4584.6	4207.9	3833.9	3432.6	3014.7	2601.6	2213.0	1847.6	1513.4	1201.1
-52.5°	4517.7	4166.5	3816.5	3464.5	3094.9	2707.0	2341.3	1996.1	1669.2	1362.5	1086.0
-55°	4070.0	3750.1	3436.2	3113.2	2764.7	2424.4	2096.0	1777.5	1496.8	1227.3	969.5
-57.5°	3624.1	3341.7	3058.9	2767.6	2459.3	2146.8	1854.1	1586.2	1325.3	1089.9	865.5
-60°	3183.2	2927.2	2677.2	2425.5	2151.3	1875.0	1628.4	1392.1	1169.3	954.6	760.0
-62.5°	2747.5	2521.5	2300.5	2081.4	1838.7	1620.3	1411.2	1212.2	1010.7	835.6	654.1
-65°	2348.1	2138.3	1947.1	1740.5	1564.1	1379.7	1210.3	1033.8	872.5	715.1	577.9
-67.5°	1978.7	1794.7	1628.2	1470.1	1312.2	1168.2	1016.3	877.4	738.4	612.9	500.1
-70°	1635.9	1488.6	1343.9	1218.8	1092.7	966.4	851.1	729.6	621.2	522.3	423.3
-72.5°	1322.3	1210.9	1099.2	987.9	894.1	795.6	691.2	606.3	518.9	432.8	360.9
-75°	1047.3	964.9	883.8	800.0	714.4	643.2	569.6	493.4	423.6	360.8	297.5
-77.5°	819.6	753.9	694.1	634.0	574.1	512.0	452.4	397.0	342.6	288.2	238.6
-80°	598.6	562.8	524.8	481.5	438.7	396.7	351.3	306.2	263.5	225.3	188.2
-82.5°	393.8	375.6	353.9	329.5	307.6	285.1	253.6	223.9	194.3	166.2	137.1
-85°	236.1	229.1	220.9	209.2	194.2	177.8	159.8	143.1	125.2	108.6	90.1
-87.5°	130.6	119.9	110.7	101.7	91.6	84.2	77.7	71.1	62.7	54.4	45.1
-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: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

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°	26.5	22.2	18.2	13.7	9.1	4.6	0.0
85°	52.9	44.3	36.3	27.3	18.2	9.1	0.0
82.5°	79.3	66.4	54.4	40.9	27.3	13.7	0.0
80°	132.2	95.1	72.3	54.4	36.3	18.2	0.0
77.5°	187.6	139.9	95.9	67.8	45.2	22.6	0.0
75°	242.2	184.1	129.2	81.0	54.1	27.1	0.0
72.5°	324.8	227.5	161.8	101.4	62.9	31.5	0.0
70°	415.6	284.9	193.6	123.1	71.5	35.8	0.0
67.5°	504.5	357.0	224.4	144.2	80.0	40.0	0.0
65°	601.5	427.4	266.6	164.5	90.5	44.2	0.0
62.5°	707.4	495.8	318.2	184.1	102.3	48.3	0.0
60°	810.1	570.2	367.8	202.9	113.8	52.3	0.0
57.5°	909.4	652.0	415.2	221.9	124.8	56.2	0.0
55°	1022.6	731.2	460.3	253.5	135.4	60.0	0.0
52.5°	1131.2	807.2	505.7	283.4	145.4	63.7	0.0
50°	1234.8	876.0	559.8	311.5	155.0	67.2	0.0
47.5°	1334.2	951.9	610.4	337.8	164.0	70.7	0.0
45°	1434.2	1022.7	656.4	362.1	172.4	74.0	0.0
42.5°	1528.1	1088.3	698.7	384.5	180.3	77.1	0.0
40°	1611.8	1148.5	737.3	405.0	187.5	80.1	0.0
37.5°	1684.2	1203.3	772.0	423.6	194.2	83.0	0.0
35°	1756.9	1255.9	808.3	445.9	204.5	86.2	0.0
32.5°	1827.5	1305.1	843.3	468.0	215.4	89.4	0.0
30°	1891.6	1349.5	874.5	487.7	225.1	92.3	0.0
27.5°	1949.8	1388.9	902.6	504.9	234.5	95.0	0.0
25°	2001.3	1423.3	926.9	519.5	242.8	97.5	0.0
22.5°	2045.6	1453.1	947.5	531.6	250.2	99.7	0.0
20°	2086.3	1478.7	964.3	541.3	256.5	101.7	0.0
17.5°	2127.0	1499.3	977.3	550.3	261.8	103.4	0.0
15°	2159.2	1517.0	986.5	557.6	266.1	104.9	0.0
12.5°	2182.3	1531.6	994.3	562.6	269.4	106.2	0.0
10°	2196.4	1541.4	999.2	565.4	271.8	107.2	0.0
7.5°	2202.6	1546.0	1000.5	566.0	273.2	107.9	0.0
5°	2200.4	1544.6	998.0	564.5	273.7	108.4	0.0
2.5°	2189.5	1537.1	992.0	561.0	273.2	108.7	0.0
0°	2170.2	1523.6	982.4	555.6	272.0	108.7	0.0
-2.5°	2148.1	1510.8	976.2	553.5	271.5	108.7	0.0
-5°	2118.2	1492.1	966.7	549.6	270.1	108.4	0.0
-7.5°	2080.8	1467.9	953.9	543.8	268.0	107.8	0.0
-10°	2037.6	1438.1	937.8	536.3	265.0	107.1	0.0
-12.5°	1991.6	1405.9	918.6	527.1	261.2	106.1	0.0
-15°	1939.6	1372.0	897.6	516.1	256.7	104.9	0.0
-17.5°	1882.1	1336.3	876.7	503.5	251.3	103.4	0.0
-20°	1820.0	1299.1	852.8	489.8	245.1	101.8	0.0



REPORT NUMBER: P902101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NWB

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1757.1	1258.0	825.9	476.0	238.2	99.9	0.0
-25°	1691.9	1214.9	796.1	460.5	230.6	97.7	0.0
-27.5°	1623.2	1168.6	763.5	443.5	222.2	95.4	0.0
-30°	1552.4	1118.7	728.2	425.0	213.2	92.9	0.0
-32.5°	1480.8	1065.2	691.1	404.9	204.1	90.1	0.0
-35°	1404.4	1008.3	651.3	383.5	194.4	87.2	0.0
-37.5°	1326.6	950.3	612.8	362.7	185.2	84.1	0.0
-40°	1249.4	893.3	580.7	345.9	179.0	81.3	0.0
-42.5°	1168.0	833.3	546.9	328.3	172.4	78.3	0.0
-45°	1082.4	770.2	511.4	309.9	165.4	75.2	0.0
-47.5°	992.6	704.3	474.3	290.6	157.9	71.9	0.0
-50°	908.5	635.7	435.4	270.3	150.1	68.4	0.0
-52.5°	823.0	585.8	395.2	249.1	141.9	64.8	0.0
-55°	734.8	534.5	363.4	227.2	133.3	61.1	0.0
-57.5°	644.5	481.8	332.9	204.4	124.4	57.3	0.0
-60°	580.7	427.7	301.3	189.3	115.1	53.3	0.0
-62.5°	515.7	380.5	268.8	174.2	105.6	49.3	0.0
-65°	449.5	338.7	235.4	158.5	95.7	45.1	0.0
-67.5°	390.8	296.1	206.7	142.2	86.2	40.9	0.0
-70°	338.5	252.6	183.4	125.5	77.2	36.5	0.0
-72.5°	285.2	215.3	159.6	108.3	68.0	32.1	0.0
-75°	234.5	183.6	135.2	91.3	58.6	27.7	0.0
-77.5°	193.8	151.2	110.4	76.4	49.0	23.1	0.0
-80°	152.3	118.3	87.7	61.4	39.4	18.6	0.0
-82.5°	110.8	88.1	66.0	46.2	29.6	14.0	0.0
-85°	74.1	58.9	44.1	30.8	19.8	9.3	0.0
-87.5°	37.1	29.5	22.1	15.4	9.9	4.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)