

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: P902095 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 11/13/2024

Test Information

Test Method: LM-79-08
Report Number: P902095 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM2I482U1)
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-NMB-LO
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A55-NMB-LO OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

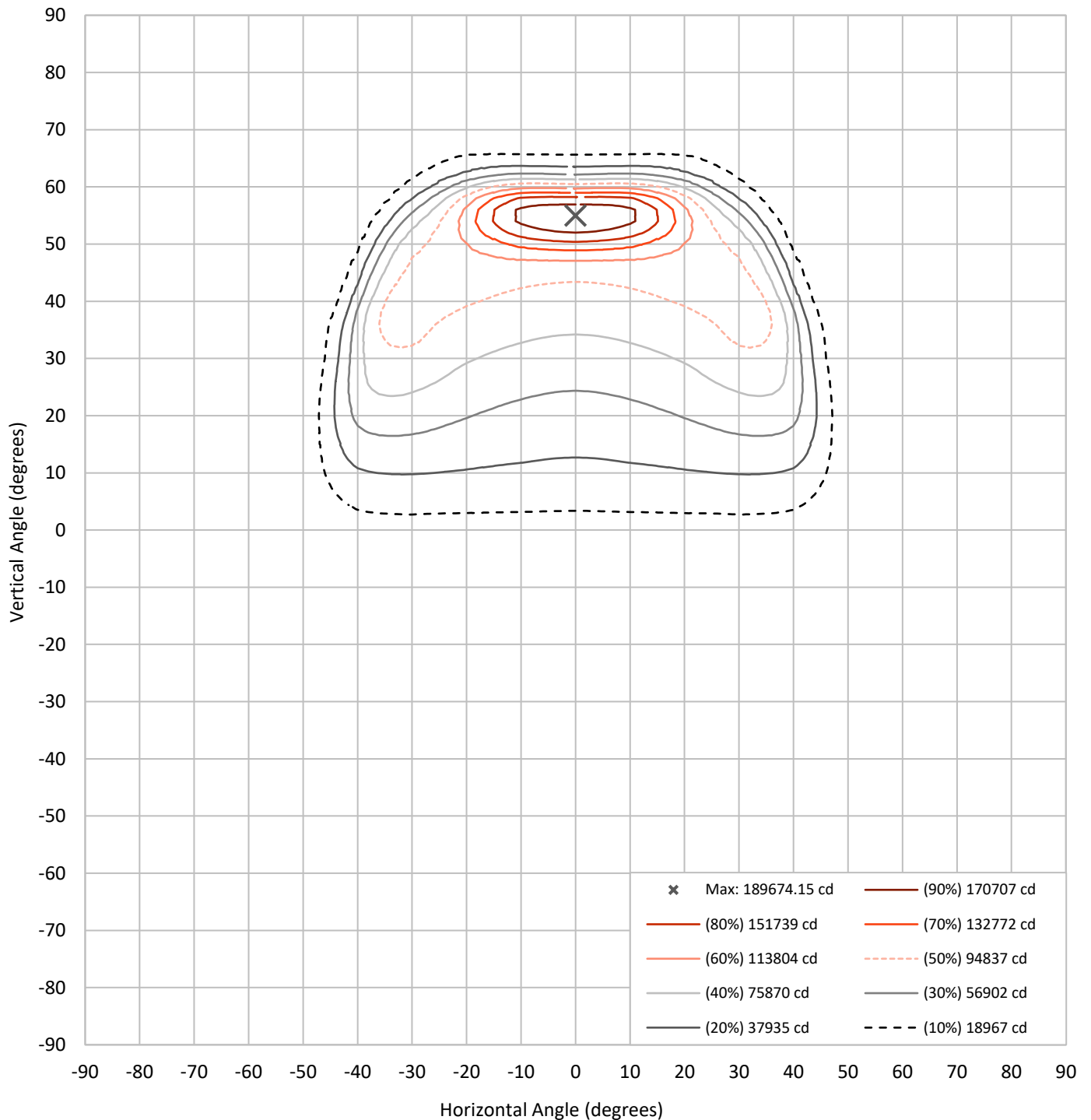
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	110497.1 lumens	Max Intensity:	189674.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 55°V
Efficacy:	78.2 lumens/watt		
Luminous Opening:	Rectangular (W 2m x L: 2m x H: 0m)		

Beam Angle (50%):	48.8°H x 17.1°V	Field Angle (10%):	73.1°H x 62°V
Beam Lumens:	41446.8 lumens	Field Lumens:	103335.2 lumens
Beam Efficiency:	37.5%	Field Efficiency:	93.5%

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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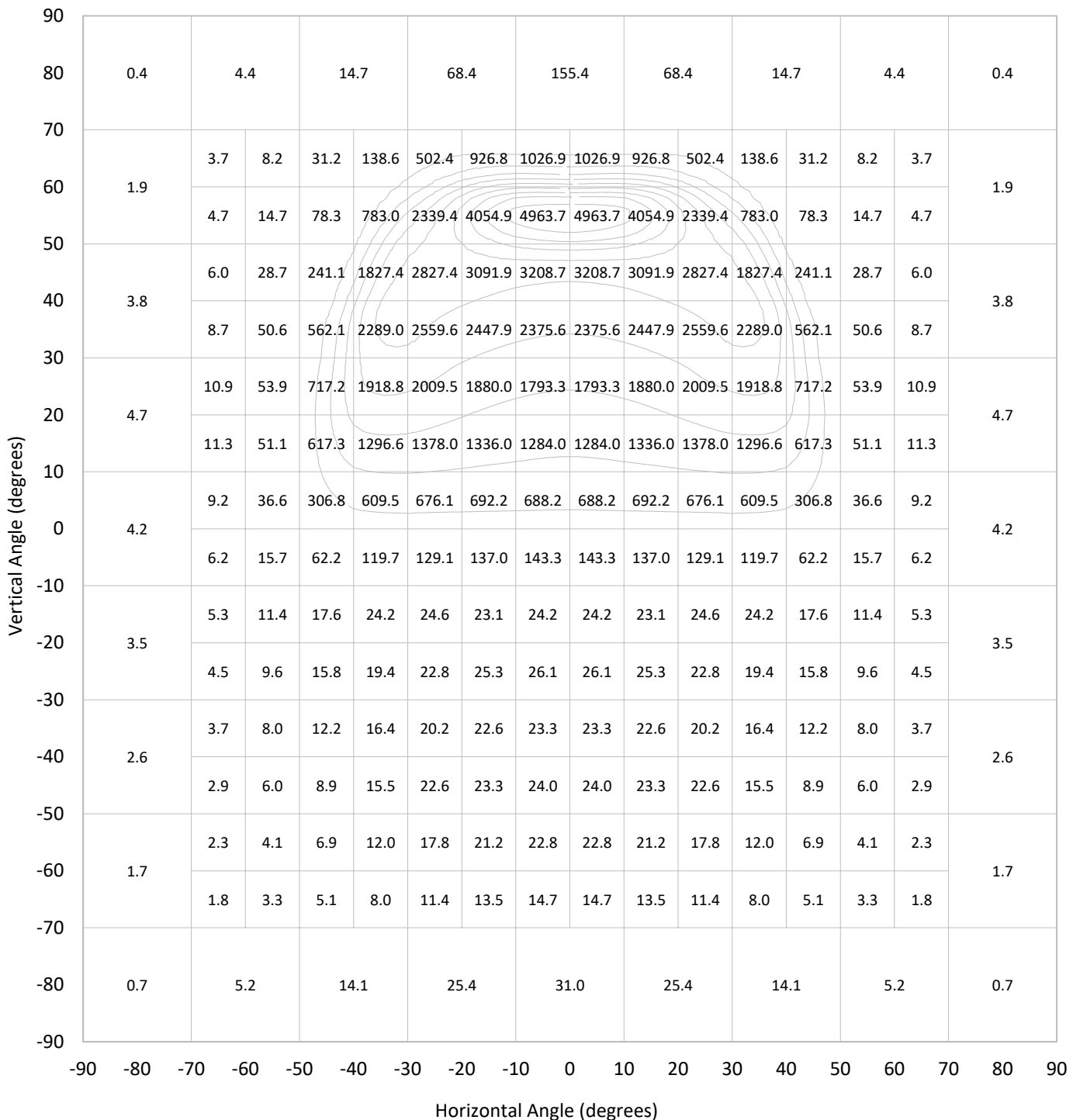
Iso-Candela Plot





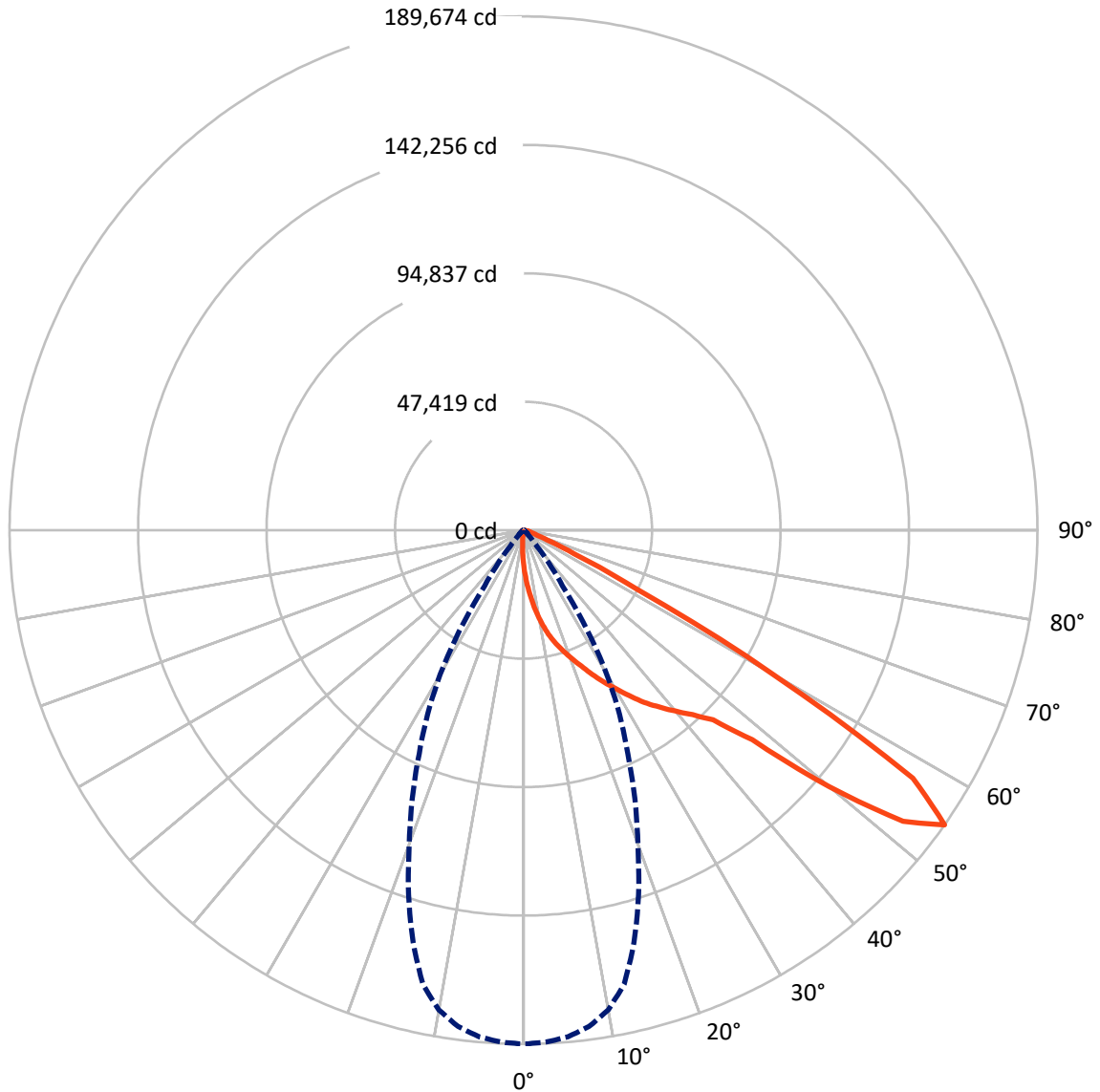
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Lumen Table



REPORT NUMBER: P902095 (CONVERTED FROM TYPE C PHOTOMETRY)
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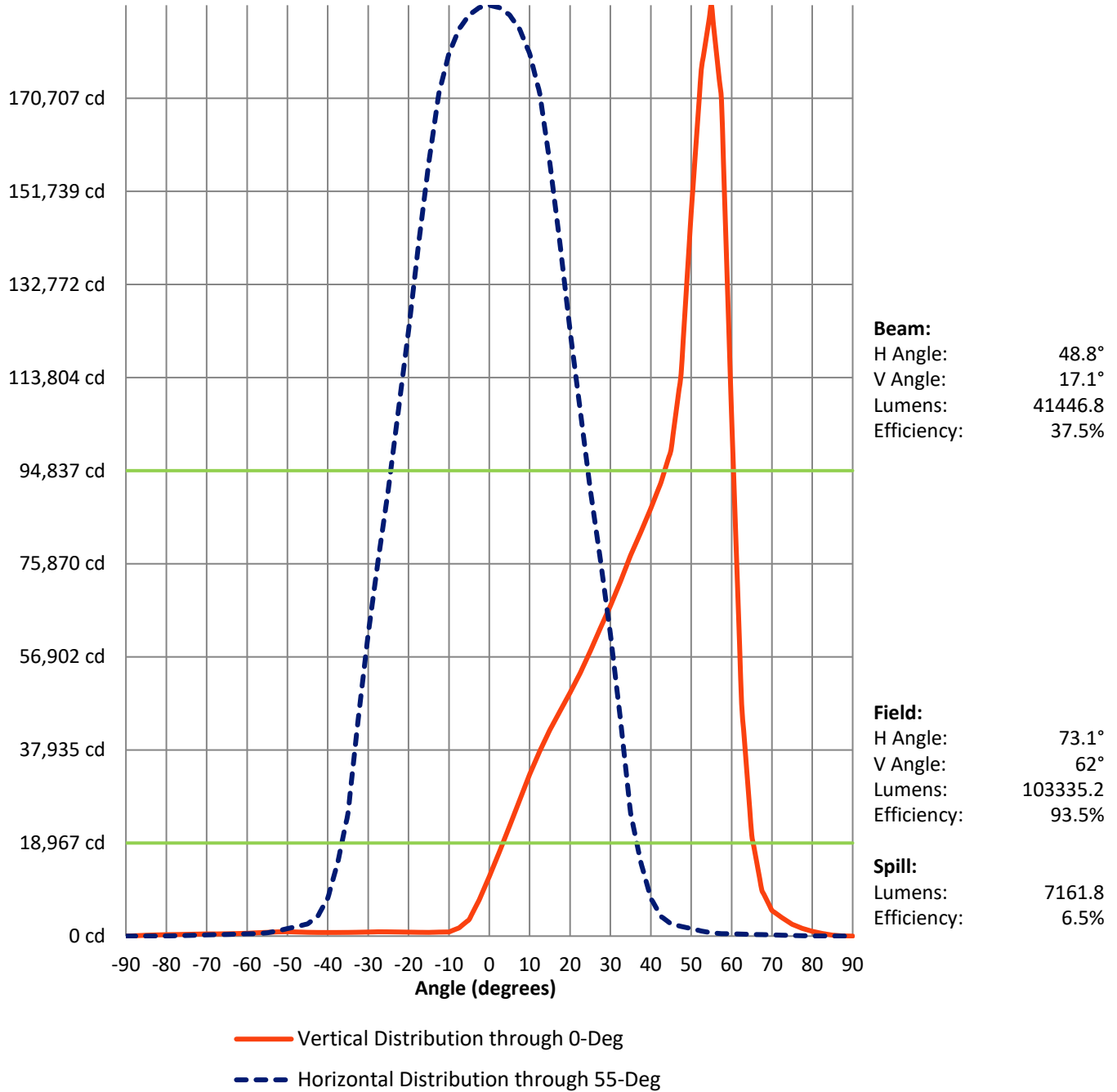
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 55-Deg

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Luminous Intensity Plot





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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	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.7	9.6
85°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	13.7	15.5	17.4	19.2
82.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	20.5	23.3	26.1	28.8
80°	0.0	3.9	7.9	11.8	15.7	19.1	23.3	27.2	31.0	34.7	38.4
77.5°	0.0	4.9	9.8	14.7	19.3	22.1	28.6	34.0	41.3	47.7	48.9
75°	0.0	5.9	11.8	17.6	22.1	25.2	33.6	43.1	57.5	62.8	76.4
72.5°	0.0	6.8	13.7	19.1	24.8	28.4	38.8	53.1	72.7	101.4	145.1
70°	0.0	7.8	15.5	20.1	27.2	31.6	43.6	62.4	103.2	148.6	206.6
67.5°	0.0	8.7	17.4	21.2	29.4	34.8	47.6	86.3	134.8	189.4	258.3
65°	0.0	9.6	18.6	22.2	31.2	38.1	58.7	111.6	163.9	223.6	300.1
62.5°	0.0	10.5	19.2	23.1	32.4	41.5	78.1	135.8	190.0	252.4	317.6
60°	0.0	11.4	19.9	23.9	33.3	50.2	96.7	153.3	214.7	281.3	335.6
57.5°	0.0	12.2	20.7	24.7	33.8	64.7	114.5	169.0	235.5	308.5	341.8
55°	0.0	13.0	21.4	25.5	34.0	77.9	130.8	185.8	255.4	310.7	339.1
52.5°	0.0	13.8	22.2	26.2	36.1	89.8	146.7	206.1	274.6	313.4	350.3
50°	0.0	14.6	23.1	27.0	47.3	102.6	161.4	225.7	287.4	328.3	371.4
47.5°	0.0	15.4	23.9	27.7	59.0	115.7	174.8	244.0	304.2	361.3	406.7
45°	0.0	16.1	24.8	28.4	70.6	127.9	187.6	259.6	320.6	395.9	446.8
42.5°	0.0	16.8	25.8	29.2	81.4	139.2	199.5	271.3	344.2	431.9	488.5
40°	0.0	17.4	26.7	30.4	91.3	149.6	210.8	282.3	364.9	467.3	518.5
37.5°	0.0	18.0	27.7	31.9	100.4	159.0	220.6	292.8	382.4	488.7	550.2
35°	0.0	18.5	28.7	37.2	107.0	166.2	229.1	302.4	392.5	503.4	581.1
32.5°	0.0	18.9	29.7	43.3	112.2	172.2	237.5	310.5	398.5	510.7	582.0
30°	0.0	19.3	30.6	48.6	116.8	178.0	245.8	317.8	399.4	505.1	577.1
27.5°	0.0	19.6	31.8	53.1	120.1	183.6	254.6	323.4	402.8	498.0	569.3
25°	0.0	19.9	33.2	56.8	123.0	189.0	262.3	327.4	408.3	487.4	632.5
22.5°	0.0	20.2	34.7	59.8	125.6	193.2	268.4	331.5	409.0	482.8	681.1
20°	0.0	20.5	36.4	62.1	127.8	194.6	272.4	334.6	405.7	480.2	723.6
17.5°	0.0	20.8	38.2	65.8	129.6	194.9	270.1	335.3	399.8	478.2	752.4
15°	0.0	21.0	40.1	69.6	131.0	194.2	264.7	332.8	392.5	475.0	774.2
12.5°	0.0	21.2	42.0	72.8	132.7	192.4	258.7	328.1	384.9	470.9	793.4
10°	0.0	21.4	43.9	75.5	133.9	190.0	252.1	323.0	376.9	476.2	791.1
7.5°	0.0	21.6	45.8	77.8	134.5	187.6	249.2	317.1	367.8	477.1	753.8
5°	0.0	21.7	47.7	79.7	134.5	184.7	246.7	309.3	349.8	467.9	699.1
2.5°	0.0	21.8	49.4	81.4	134.0	181.4	243.4	300.3	328.2	449.1	610.0
0°	0.0	21.8	51.0	82.8	132.9	177.5	239.4	290.3	305.8	425.5	514.3
-2.5°	0.0	21.9	51.1	81.4	130.1	174.9	237.1	285.1	301.1	413.9	495.5
-5°	0.0	21.9	51.0	79.8	126.9	171.6	234.4	279.3	296.2	401.0	475.4
-7.5°	0.0	21.8	50.7	78.1	123.2	167.5	231.4	273.0	290.2	386.3	455.9
-10°	0.0	21.7	50.3	76.5	119.2	162.5	227.5	265.1	281.2	370.4	435.2
-12.5°	0.0	21.6	49.7	74.9	114.7	157.5	221.3	256.7	272.2	353.6	419.8
-15°	0.0	21.4	49.0	73.4	110.2	153.1	214.6	248.3	264.8	338.3	406.2
-17.5°	0.0	21.2	48.1	72.1	106.5	149.5	207.5	241.7	259.5	320.8	393.6
-20°	0.0	21.0	47.1	71.1	102.5	146.0	201.4	236.7	254.5	302.9	382.5



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	20.7	46.0	70.9	98.4	141.9	196.1	231.8	251.6	283.4	370.3
-25°	0.0	20.3	44.7	70.6	94.1	137.1	189.6	226.5	251.2	260.6	352.1
-27.5°	0.0	20.0	43.3	70.4	89.7	131.6	182.3	220.4	246.7	245.9	330.7
-30°	0.0	19.6	41.8	70.1	85.3	125.4	174.5	214.4	239.6	245.9	305.5
-32.5°	0.0	19.1	40.4	69.8	82.1	118.5	166.0	208.7	230.3	244.5	279.3
-35°	0.0	18.6	39.0	69.4	79.1	110.9	157.0	202.0	220.1	241.6	249.9
-37.5°	0.0	18.0	37.7	68.4	77.4	105.3	148.3	191.4	209.8	234.2	236.1
-40°	0.0	17.4	36.9	65.8	77.4	103.2	141.5	178.6	201.0	223.0	233.1
-42.5°	0.0	16.8	36.0	63.2	76.9	100.3	134.2	166.8	191.7	212.1	229.7
-45°	0.0	16.1	35.0	60.5	75.9	96.6	125.3	156.1	181.8	201.2	221.6
-47.5°	0.0	15.4	33.9	58.0	74.4	92.1	115.3	145.5	170.8	189.3	211.4
-50°	0.0	14.6	32.7	55.4	72.2	86.8	108.9	134.5	160.7	176.8	200.8
-52.5°	0.0	13.8	31.5	52.8	69.7	83.5	104.7	124.0	151.3	168.5	190.0
-55°	0.0	13.0	30.1	50.3	66.6	80.3	102.2	114.5	140.8	160.6	178.8
-57.5°	0.0	12.2	28.6	47.8	63.3	76.4	100.0	110.5	130.9	152.2	168.0
-60°	0.0	11.4	27.1	45.8	59.9	71.6	91.6	105.7	122.0	145.0	157.1
-62.5°	0.0	10.5	25.5	43.8	56.5	66.8	83.3	99.8	114.7	138.1	147.9
-65°	0.0	9.6	23.8	41.7	52.9	62.4	74.9	90.6	106.7	127.0	140.8
-67.5°	0.0	8.7	21.9	39.6	49.6	57.8	68.3	81.1	98.1	114.9	130.2
-70°	0.0	7.8	19.7	37.4	46.5	53.2	63.2	71.9	89.6	104.4	117.1
-72.5°	0.0	6.8	17.4	35.2	43.5	49.0	57.9	65.4	81.5	95.6	108.7
-75°	0.0	5.9	15.1	32.4	40.4	45.2	52.5	58.8	75.3	86.7	103.0
-77.5°	0.0	4.9	12.7	27.4	37.4	41.4	47.1	52.8	68.9	77.1	91.1
-80°	0.0	3.9	10.2	22.1	31.4	37.5	41.6	47.9	59.9	66.6	75.6
-82.5°	0.0	3.0	7.7	16.8	23.6	29.5	35.2	43.2	49.3	53.7	59.7
-85°	0.0	2.0	5.1	11.2	15.8	19.7	23.5	31.4	35.8	40.0	43.6
-87.5°	0.0	1.0	2.6	5.6	7.9	9.8	11.8	15.7	17.9	20.0	22.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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

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°	10.5	11.4	12.2	13.0	13.8	14.6	15.4	16.1	16.8	17.4	18.0
85°	19.9	20.5	24.3	25.3	21.3	21.5	22.0	22.4	22.8	23.2	23.6
82.5°	26.6	26.3	35.8	36.7	26.9	28.6	32.2	29.0	29.2	31.5	27.7
80°	36.1	35.1	46.9	46.6	35.6	43.8	51.7	52.2	63.0	55.5	45.1
77.5°	47.7	53.9	65.3	69.0	79.0	78.1	95.4	107.2	116.8	104.1	117.9
75°	108.2	116.9	97.5	115.4	126.0	150.3	188.5	196.2	204.6	211.0	230.2
72.5°	184.9	191.5	195.2	203.6	207.0	251.7	295.4	311.7	354.5	388.8	418.0
70°	250.7	270.8	291.8	315.1	328.0	364.3	449.6	512.5	633.2	743.0	817.1
67.5°	313.1	347.7	387.4	394.2	410.0	480.0	681.9	892.3	1165.0	1565.2	1929.8
65°	361.2	408.0	425.1	431.4	505.8	657.8	989.7	1457.4	1997.0	2637.9	3507.1
62.5°	388.1	408.1	449.6	487.6	600.9	808.0	1271.8	1802.2	2466.2	3383.8	4859.0
60°	385.8	423.6	486.5	546.1	698.4	953.2	1356.6	1998.5	2667.3	3946.5	6661.4
57.5°	394.5	454.2	505.2	587.7	837.8	1142.3	1649.6	2210.8	3010.4	5071.4	9912.0
55°	412.2	474.7	496.7	675.1	1043.1	1535.9	1978.5	2498.8	4045.7	7761.3	15132.4
52.5°	428.1	498.6	538.9	784.5	1325.8	1793.1	2242.1	3051.4	5784.4	11591.4	21808.0
50°	442.2	521.1	601.2	953.2	1547.9	2052.1	2612.1	4093.6	8100.9	15342.9	30668.2
47.5°	460.3	551.1	736.1	1193.2	1822.4	2423.0	3254.2	5633.9	11261.9	21857.6	43945.3
45°	488.6	616.6	897.9	1506.3	2169.1	2809.2	3884.1	7025.2	14041.2	29341.2	56691.2
42.5°	526.3	684.5	1173.7	1843.7	2502.5	3224.4	4572.0	9077.7	18755.8	39372.3	67516.6
40°	584.9	854.0	1469.9	2219.9	2855.8	3760.6	6145.0	11714.5	24459.9	51600.8	77973.2
37.5°	632.6	1070.7	1861.7	2628.2	3338.0	4474.3	7742.8	15133.8	33907.0	61750.4	85381.7
35°	703.0	1273.2	2238.8	2959.1	3651.1	5018.0	9440.3	19438.7	41088.4	67112.3	87732.4
32.5°	832.9	1504.4	2306.7	2944.0	3661.4	5394.4	10542.7	22338.9	44510.6	68421.9	85939.1
30°	929.7	1652.6	2280.2	2815.6	3467.4	5167.5	10882.0	24281.7	47626.0	68784.8	83656.6
27.5°	1014.7	1685.7	2224.4	2698.8	3417.6	5751.8	12296.7	27644.8	49928.8	68735.6	80998.0
25°	1097.7	1681.7	2188.4	2662.3	3403.6	5973.8	12928.3	30564.4	52116.2	68344.8	77570.6
22.5°	1158.7	1666.0	2159.0	2628.5	3408.3	6229.0	14553.2	32127.1	51143.3	64975.9	71801.5
20°	1186.9	1635.9	2105.1	2581.7	3427.2	6474.8	15227.2	32948.2	49527.3	61230.9	65827.6
17.5°	1195.4	1593.5	2049.2	2504.0	3324.4	6295.5	14993.6	31872.3	45806.3	55071.9	58918.0
15°	1171.5	1553.4	1974.3	2416.9	3169.8	6327.5	15211.7	29603.2	41443.5	49157.4	52055.0
12.5°	1154.1	1501.0	1882.9	2322.3	3136.0	5984.7	14409.4	26851.3	36556.1	42617.0	44829.5
10°	1126.6	1441.2	1783.2	2206.9	2929.0	5429.5	12783.0	23218.9	30740.4	35702.5	37666.2
7.5°	1033.1	1326.3	1672.2	2043.9	2654.5	4694.0	10621.0	18798.4	24865.6	28865.8	30517.8
5°	920.4	1156.8	1541.8	1895.5	2368.9	3894.1	8360.4	14365.8	19153.1	22373.2	23675.2
2.5°	761.0	933.9	1429.2	1703.2	2023.2	3079.0	6184.8	10332.1	13930.2	16496.4	17514.9
0°	593.5	688.1	1326.6	1449.9	1524.1	2111.6	4409.2	6980.9	9492.4	11446.1	12197.9
-2.5°	569.5	652.3	931.2	1002.8	1062.4	1288.0	2752.9	4288.6	5828.3	7121.3	7679.0
-5°	544.7	619.7	692.7	778.9	860.2	974.2	1385.8	2094.0	2869.4	3501.1	3851.6
-7.5°	526.2	599.2	662.1	728.0	795.0	856.3	921.0	1018.4	1208.0	1423.6	1300.8
-10°	506.6	579.1	633.2	696.5	761.6	800.8	836.3	863.0	893.8	944.2	1002.1
-12.5°	491.8	559.4	608.6	676.9	736.1	770.7	805.5	842.2	863.4	899.0	961.6
-15°	476.9	543.2	592.7	660.2	714.0	756.9	788.3	820.7	832.2	874.1	920.8
-17.5°	461.1	530.8	572.3	628.0	691.4	731.9	775.5	799.3	811.7	837.1	886.5
-20°	443.4	512.6	550.1	593.3	666.7	711.1	757.0	783.2	800.8	818.0	859.3



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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	427.9	488.9	510.9	555.2	637.3	690.3	731.4	771.2	791.6	815.3	816.5
-25°	410.6	453.9	466.9	530.9	604.0	663.1	709.4	760.8	783.3	778.2	745.1
-27.5°	387.9	431.8	454.1	509.6	570.6	631.3	688.0	727.1	735.8	702.2	692.5
-30°	365.5	418.0	443.1	485.1	541.9	595.5	664.6	684.1	678.3	652.3	680.7
-32.5°	348.1	397.4	434.5	466.8	516.8	563.1	608.0	626.4	615.1	652.0	662.6
-35°	330.7	377.7	425.3	450.6	495.0	524.5	548.2	552.2	593.6	624.0	638.6
-37.5°	300.8	357.7	404.0	439.5	474.9	497.0	484.3	501.5	548.3	581.0	608.5
-40°	265.5	335.8	380.7	430.6	445.6	459.9	444.5	461.9	507.6	534.1	577.6
-42.5°	232.8	303.0	353.9	402.0	426.6	411.3	407.5	432.9	471.5	505.3	543.1
-45°	231.1	260.2	324.5	364.0	375.8	362.7	366.6	404.5	437.8	484.3	514.4
-47.5°	229.6	228.2	281.4	320.4	313.0	321.6	345.1	379.8	418.5	468.6	516.4
-50°	220.0	226.4	232.2	272.6	276.4	283.4	322.2	360.7	409.9	451.6	501.7
-52.5°	208.1	222.1	223.9	234.9	259.3	272.8	294.1	341.0	390.9	441.1	481.0
-55°	196.0	211.8	223.4	223.9	236.3	264.3	286.3	305.2	349.2	400.5	444.5
-57.5°	183.2	200.3	215.1	222.9	224.8	239.8	271.4	301.0	314.6	342.9	389.6
-60°	171.9	186.6	209.5	216.6	212.3	221.4	240.7	270.7	309.9	334.6	346.2
-62.5°	162.6	174.5	205.7	207.9	194.8	207.5	222.2	244.3	277.4	310.2	328.3
-65°	155.9	163.1	193.4	197.3	180.6	199.7	217.0	227.3	238.0	270.3	298.8
-67.5°	151.7	161.7	170.9	174.5	169.9	186.8	203.2	224.3	243.6	257.0	272.4
-70°	139.8	158.3	160.6	155.1	155.9	174.9	188.7	208.8	230.3	257.6	272.1
-72.5°	126.5	143.6	147.3	138.2	140.9	159.0	177.0	191.2	210.7	234.0	238.6
-75°	115.6	127.3	133.0	130.6	135.4	141.2	157.2	176.1	191.6	205.9	204.4
-77.5°	101.3	108.8	116.5	123.6	135.0	138.3	154.2	169.5	179.3	184.7	176.6
-80°	82.6	88.9	97.0	113.1	135.3	140.7	150.6	163.9	172.6	176.6	172.2
-82.5°	64.4	68.8	73.2	88.0	103.2	114.5	125.6	141.2	151.7	162.1	167.8
-85°	46.6	49.6	52.5	59.8	67.3	74.8	81.8	94.0	103.6	111.9	115.3
-87.5°	24.2	26.2	28.1	30.0	31.9	33.7	35.4	40.2	41.9	43.6	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



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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°	18.3	18.5	18.7	18.8	19.6	19.6	19.8	19.9	20.1	21.0	21.1
85°	24.2	25.6	26.4	26.9	32.8	31.9	29.3	31.4	33.3	38.0	41.8
82.5°	35.3	44.7	44.4	54.5	56.9	52.5	43.9	50.4	59.6	73.3	104.0
80°	59.4	72.8	71.8	101.5	97.5	83.8	76.6	104.5	169.4	275.3	405.9
77.5°	137.9	140.4	141.9	152.6	162.2	164.4	187.9	298.6	485.2	674.9	958.2
75°	248.7	271.0	292.7	296.2	304.6	348.4	552.3	866.6	1148.4	1421.8	1676.3
72.5°	451.6	520.1	641.1	782.3	934.8	1230.4	1675.4	2046.8	2309.8	2514.0	2709.4
70°	928.7	1108.3	1302.9	1585.9	2399.1	3828.4	4552.9	4618.0	4393.3	4138.1	4085.6
67.5°	2223.6	2821.2	3535.7	4815.6	7455.6	9758.7	10631.7	10236.3	9414.1	8670.0	8516.0
65°	4679.2	6288.0	8349.1	11352.4	15223.6	18695.1	20912.6	21869.8	22034.3	22114.6	21797.9
62.5°	7466.4	10823.4	14983.7	19858.5	25565.6	31133.5	36172.8	41572.6	47102.8	49610.3	50148.7
60°	10726.1	16795.1	23980.4	33120.4	45394.6	59397.0	73188.6	86106.3	96582.9	103979.5	108269.3
57.5°	15939.7	27505.3	40717.4	55449.1	72898.1	91537.0	109059.9	126754.5	142877.3	155613.3	165345.1
55°	25047.1	43995.3	61507.8	76765.8	91075.2	107238.3	123389.8	141128.2	157501.6	171663.1	179791.3
52.5°	40207.4	61543.4	77771.0	88616.6	97973.7	108935.7	120858.7	133754.3	146320.1	156748.6	165234.1
50°	55668.0	76427.8	88042.0	95131.0	100962.9	106783.0	113360.0	119524.0	126095.6	132737.8	138128.2
47.5°	68912.1	85997.3	95667.5	99820.6	103076.9	105420.7	107658.5	109886.9	111630.2	113072.1	113648.3
45°	79263.8	92390.6	99361.6	101962.0	102948.9	103170.2	102731.9	102420.9	102400.3	101874.3	101003.0
42.5°	87670.0	98679.8	103530.8	105076.6	104902.5	102164.0	100488.1	98934.4	97740.1	96459.8	95155.4
40°	96069.0	105463.1	107888.4	106461.4	102891.1	98866.3	96579.1	94761.0	93255.5	91640.9	90177.9
37.5°	101041.2	107991.4	107037.6	101877.2	96266.0	93847.4	91537.2	89668.2	87982.2	86466.4	85058.7
35°	99928.4	102797.2	102516.4	96271.1	91422.5	88979.3	86593.1	84756.7	83073.8	81625.3	80339.0
32.5°	94273.1	96335.0	95313.4	92014.2	87247.4	84190.2	81865.6	80193.0	78457.2	76823.3	75477.4
30°	89962.9	91151.1	89919.9	87441.7	83359.2	79614.5	77395.8	75454.0	73458.5	71714.2	70206.9
27.5°	85380.1	85881.5	84465.9	81933.8	78940.0	75296.1	72776.1	70737.2	68606.4	66845.0	65488.2
25°	79946.0	80024.6	78268.0	76069.9	73272.5	70274.5	67840.3	65638.4	63719.5	62095.4	60774.9
22.5°	73594.5	73415.0	71938.0	69899.0	67445.2	64834.4	62621.6	60705.9	58949.6	57421.9	56243.3
20°	66925.4	66665.5	65464.3	63774.5	61631.4	59449.0	57727.1	55929.8	54459.2	53158.6	51981.9
17.5°	59887.7	59806.3	58986.0	57705.3	55925.4	54323.4	52926.2	51454.8	50143.4	49023.7	48049.2
15°	52815.0	52871.6	52393.5	51517.0	50204.3	49032.3	47964.6	46766.0	45691.1	44816.1	43929.9
12.5°	45659.2	45824.8	45710.8	45057.9	44193.6	43319.3	42509.4	41608.5	40784.2	40059.9	39451.0
10°	38443.7	38703.9	38639.3	38304.3	37687.1	37133.8	36536.1	35880.5	35258.6	34800.1	34290.1
7.5°	31198.2	31496.9	31515.6	31316.7	30854.9	30577.6	30236.7	29779.3	29370.2	29060.0	28736.4
5°	24237.9	24486.3	24643.8	24394.0	24199.2	24008.1	23848.3	23570.8	23364.1	23194.2	23045.4
2.5°	17973.6	18143.7	18474.7	18028.8	17915.3	17830.1	17805.0	17685.9	17618.1	17546.8	17497.3
0°	12487.3	12552.9	12456.4	12375.3	12298.9	12290.7	12341.7	12292.5	12239.8	12191.1	12165.1
-2.5°	7798.9	7747.3	7601.0	7453.8	7410.9	7420.1	7433.0	7380.8	7307.9	7308.8	7326.1
-5°	3664.0	3659.3	3537.2	3335.3	3451.0	3520.2	3531.8	3489.4	3443.1	3457.6	3462.9
-7.5°	1138.8	1288.7	1072.9	1178.9	1158.3	1147.3	1311.6	1315.3	1293.2	1184.1	1419.0
-10°	1031.2	1013.7	979.6	978.5	983.0	961.5	923.2	825.4	786.1	805.7	886.5
-12.5°	1015.3	1030.8	1002.2	992.3	970.2	882.8	780.2	779.6	781.4	779.5	773.7
-15°	999.0	1061.1	1058.4	989.6	853.8	783.1	769.0	775.3	770.8	768.2	774.9
-17.5°	970.6	1047.3	1047.4	914.1	811.1	775.3	774.9	779.3	774.0	781.0	783.8
-20°	892.7	927.1	943.7	907.9	819.6	791.1	794.2	795.0	798.4	808.8	815.3



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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°	795.8	823.0	899.9	880.3	828.7	813.4	825.3	827.4	843.5	852.2	856.1
-25°	737.0	783.1	854.4	851.9	824.3	832.9	859.4	872.2	884.9	890.3	889.0
-27.5°	711.0	746.1	790.5	803.4	803.7	825.6	862.3	889.2	898.2	911.5	907.5
-30°	687.9	698.3	724.0	740.2	755.9	793.7	822.9	848.0	859.3	870.2	862.4
-32.5°	663.9	665.4	682.7	698.9	717.3	738.2	760.2	775.8	796.2	802.9	802.8
-35°	652.0	654.0	675.9	694.7	706.4	715.9	727.8	744.7	747.3	759.6	764.6
-37.5°	643.4	686.2	713.9	738.2	733.0	742.2	732.0	736.0	736.4	739.7	740.3
-40°	619.2	702.6	765.0	790.5	783.5	771.5	758.6	738.2	735.5	737.8	740.0
-42.5°	613.3	723.7	803.6	830.5	820.1	797.9	770.9	757.7	745.8	743.8	745.2
-45°	600.4	724.3	807.6	841.8	850.1	844.2	806.3	791.1	787.5	767.5	765.0
-47.5°	586.2	694.6	797.5	835.3	842.6	858.4	837.6	828.6	829.4	834.3	834.2
-50°	560.2	641.9	728.4	780.3	808.5	833.4	845.5	857.8	857.5	868.3	881.8
-52.5°	526.2	585.6	647.7	703.8	741.1	759.4	786.6	797.9	825.0	833.3	847.2
-55°	493.2	531.2	573.9	625.1	654.1	683.4	699.3	713.8	732.0	748.3	756.2
-57.5°	427.7	466.8	502.7	537.4	566.3	585.7	593.9	613.2	632.7	649.8	658.9
-60°	368.8	405.9	443.8	470.0	488.6	506.7	523.1	535.1	545.6	554.6	562.7
-62.5°	339.1	365.1	389.1	413.1	435.7	448.2	464.6	475.0	486.8	498.1	507.9
-65°	308.4	342.5	372.7	386.1	441.7	418.7	434.6	441.8	444.6	452.7	460.7
-67.5°	283.5	315.2	341.6	366.5	392.1	398.1	426.5	447.4	425.2	429.8	438.4
-70°	258.1	282.1	308.1	336.2	353.3	367.2	381.1	395.4	406.9	418.4	429.0
-72.5°	237.4	257.3	275.2	291.8	309.7	327.5	340.2	351.6	366.7	376.5	385.2
-75°	214.6	233.3	246.0	259.3	277.3	291.7	298.0	311.2	326.3	338.6	346.3
-77.5°	188.1	209.1	221.8	232.8	245.2	253.1	267.7	272.2	274.5	291.9	297.6
-80°	179.4	198.6	208.8	212.5	225.3	229.3	244.9	249.9	251.1	261.8	267.2
-82.5°	176.2	194.0	199.0	195.1	209.3	217.6	224.9	226.3	222.2	226.6	235.3
-85°	114.3	126.2	138.5	140.9	159.2	170.0	172.7	173.3	164.7	166.2	173.4
-87.5°	52.4	54.6	57.3	59.3	66.4	69.5	71.4	72.4	75.9	76.9	77.7
-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):

	-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°	30.4	30.3	28.2	41.0	28.2	30.3	30.4	21.1	21.0	20.1	19.9
85°	105.9	103.1	130.6	195.7	130.6	103.1	105.9	41.8	38.0	33.3	31.4
82.5°	259.7	400.3	497.9	534.7	497.9	400.3	259.7	104.0	73.3	59.6	50.4
80°	633.8	801.1	949.9	972.0	949.9	801.1	633.8	405.9	275.3	169.4	104.5
77.5°	1154.8	1357.7	1500.6	1580.1	1500.6	1357.7	1154.8	958.2	674.9	485.2	298.6
75°	1852.1	2041.0	2215.7	2416.5	2215.7	2041.0	1852.1	1676.3	1421.8	1148.4	866.6
72.5°	2929.8	3219.0	3506.9	3748.5	3506.9	3219.0	2929.8	2709.4	2514.0	2309.8	2046.8
70°	4442.8	4849.4	5133.8	5229.7	5133.8	4849.4	4442.8	4085.6	4138.1	4393.3	4618.0
67.5°	8763.7	9092.9	9312.2	9371.0	9312.2	9092.9	8763.7	8516.0	8670.0	9414.1	10236.3
65°	21445.5	21149.4	20814.7	20608.6	20814.7	21149.4	21445.5	21797.9	22114.6	22034.3	21869.8
62.5°	49798.7	48897.2	47838.4	47273.3	47838.4	48897.2	49798.7	50148.7	49610.3	47102.8	41572.6
60°	109730.9	108933.3	107368.2	106287.7	107368.2	108933.3	109730.9	108269.3	103979.5	96582.9	86106.3
57.5°	169103.5	170208.5	170460.3	170377.1	170460.3	170208.5	169103.5	165345.1	155613.3	142877.3	126754.5
55°	184799.1	187697.6	189173.2	189674.2	189173.2	187697.6	184799.1	179791.3	171663.1	157501.6	141128.2
52.5°	170807.9	174158.3	175891.4	176506.0	175891.4	174158.3	170807.9	165234.1	156748.6	146320.1	133754.3
50°	142042.4	144598.8	146419.9	147359.3	146419.9	144598.8	142042.4	138128.2	132737.8	126095.6	119524.0
47.5°	113719.0	114275.1	114459.5	114482.8	114459.5	114275.1	113719.0	113648.3	113072.1	111630.2	109886.9
45°	100447.8	99806.1	99200.3	99007.4	99200.3	99806.1	100447.8	101003.0	101874.3	102400.3	102420.9
42.5°	94050.7	93199.1	92579.3	92384.2	92579.3	93199.1	94050.7	95155.4	96459.8	97740.1	98934.4
40°	88962.5	88006.9	87363.5	87147.2	87363.5	88006.9	88962.5	90177.9	91640.9	93255.5	94761.0
37.5°	83907.8	83006.0	82438.0	82261.0	82438.0	83006.0	83907.8	85058.7	86466.4	87982.2	89668.2
35°	79235.5	78320.6	77775.0	77597.9	77775.0	78320.6	79235.5	80339.0	81625.3	83073.8	84756.7
32.5°	74174.3	73127.5	72517.7	72282.1	72517.7	73127.5	74174.3	75477.4	76823.3	78457.2	80193.0
30°	69009.1	68102.2	67496.6	67311.3	67496.6	68102.2	69009.1	70206.9	71714.2	73458.5	75454.0
27.5°	64395.1	63548.2	62927.3	62740.1	62927.3	63548.2	64395.1	65488.2	66845.0	68606.4	70737.2
25°	59669.7	58821.6	58238.5	58038.7	58238.5	58821.6	59669.7	60774.9	62095.4	63719.5	65638.4
22.5°	55173.4	54308.6	53750.8	53583.0	53750.8	54308.6	55173.4	56243.3	57421.9	58949.6	60705.9
20°	50975.9	50182.9	49707.6	49599.7	49707.6	50182.9	50975.9	51981.9	53158.6	54459.2	55929.8
17.5°	47075.4	46328.9	45904.3	45818.9	45904.3	46328.9	47075.4	48049.2	49023.7	50143.4	51454.8
15°	43121.7	42494.7	42082.1	42008.1	42082.1	42494.7	43121.7	43929.9	44816.1	45691.1	46766.0
12.5°	38740.9	38159.8	37779.4	37696.3	37779.4	38159.8	38740.9	39451.0	40059.9	40784.2	41608.5
10°	33771.7	33319.7	33039.8	32965.8	33039.8	33319.7	33771.7	34290.1	34800.1	35258.6	35880.5
7.5°	28399.6	28040.8	27765.2	27674.1	27765.2	28040.8	28399.6	28736.4	29060.0	29370.2	29779.3
5°	22836.6	22611.2	22435.4	22378.9	22435.4	22611.2	22836.6	23045.4	23194.2	23364.1	23570.8
2.5°	17376.6	17291.4	17203.9	17165.5	17203.9	17291.4	17376.6	17497.3	17546.8	17618.1	17685.9
0°	12118.2	12123.2	12139.1	12145.1	12139.1	12123.2	12118.2	12165.1	12191.1	12239.8	12292.5
-2.5°	7372.7	7403.8	7446.3	7382.3	7446.3	7403.8	7372.7	7326.1	7308.8	7307.9	7380.8
-5°	3572.7	3406.2	3392.8	3365.8	3392.8	3406.2	3572.7	3462.9	3457.6	3443.1	3489.4
-7.5°	1313.6	1621.0	1733.2	1678.4	1733.2	1621.0	1313.6	1419.0	1184.1	1293.2	1315.3
-10°	848.7	986.1	859.5	850.1	859.5	986.1	848.7	886.5	805.7	786.1	825.4
-12.5°	771.8	789.4	812.5	818.7	812.5	789.4	771.8	773.7	779.5	781.4	779.6
-15°	771.6	764.7	761.6	756.4	761.6	764.7	771.6	774.9	768.2	770.8	775.3
-17.5°	784.9	779.3	778.2	775.9	778.2	779.3	784.9	783.8	781.0	774.0	779.3
-20°	814.0	810.6	808.9	811.9	808.9	810.6	814.0	815.3	808.8	798.4	795.0



REPORT NUMBER: P902095 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NMB-LO

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	850.0	848.5	842.0	840.5	842.0	848.5	850.0	856.1	852.2	843.5	827.4
-25°	886.7	877.0	869.9	869.2	869.9	877.0	886.7	889.0	890.3	884.9	872.2
-27.5°	897.7	896.1	883.3	880.1	883.3	896.1	897.7	907.5	911.5	898.2	889.2
-30°	855.1	841.3	835.3	831.9	835.3	841.3	855.1	862.4	870.2	859.3	848.0
-32.5°	798.6	788.9	786.4	787.8	786.4	788.9	798.6	802.8	802.9	796.2	775.8
-35°	752.6	753.4	752.8	753.6	752.8	753.4	752.6	764.6	759.6	747.3	744.7
-37.5°	740.8	741.3	741.3	741.4	741.3	741.3	740.8	740.3	739.7	736.4	736.0
-40°	739.9	739.7	739.2	739.0	739.2	739.7	739.9	740.0	737.8	735.5	738.2
-42.5°	746.6	744.6	746.3	741.8	746.3	744.6	746.6	745.2	743.8	745.8	757.7
-45°	774.9	763.9	765.5	773.6	765.5	763.9	774.9	765.0	767.5	787.5	791.1
-47.5°	827.1	835.7	831.2	838.2	831.2	835.7	827.1	834.2	834.3	829.4	828.6
-50°	882.4	892.9	899.5	904.7	899.5	892.9	882.4	881.8	868.3	857.5	857.8
-52.5°	838.1	854.3	859.3	861.0	859.3	854.3	838.1	847.2	833.3	825.0	797.9
-55°	755.7	762.1	766.0	767.3	766.0	762.1	755.7	756.2	748.3	732.0	713.8
-57.5°	662.0	673.6	667.2	683.0	667.2	673.6	662.0	658.9	649.8	632.7	613.2
-60°	568.8	572.3	574.5	575.2	574.5	572.3	568.8	562.7	554.6	545.6	535.1
-62.5°	515.3	518.0	519.6	521.5	519.6	518.0	515.3	507.9	498.1	486.8	475.0
-65°	467.3	474.4	476.6	479.6	476.6	474.4	467.3	460.7	452.7	444.6	441.8
-67.5°	443.8	446.1	447.1	447.3	447.1	446.1	443.8	438.4	429.8	425.2	447.4
-70°	434.2	441.9	450.6	451.4	450.6	441.9	434.2	429.0	418.4	406.9	395.4
-72.5°	396.3	399.2	404.0	404.6	404.0	399.2	396.3	385.2	376.5	366.7	351.6
-75°	350.3	352.0	360.0	359.6	360.0	352.0	350.3	346.3	338.6	326.3	311.2
-77.5°	303.5	309.0	318.6	318.6	318.6	309.0	303.5	297.6	291.9	274.5	272.2
-80°	271.6	272.4	272.9	287.6	272.9	272.4	271.6	267.2	261.8	251.1	249.9
-82.5°	236.2	236.7	237.0	238.9	237.0	236.7	236.2	235.3	226.6	222.2	226.3
-85°	174.8	175.8	176.4	181.1	176.4	175.8	174.8	173.4	166.2	164.7	173.3
-87.5°	78.4	78.8	79.1	81.0	79.1	78.8	78.4	77.7	76.9	75.9	72.4
-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: P902095 (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°	19.8	19.6	19.6	18.8	18.7	18.5	18.3	18.0	17.4	16.8	16.1
85°	29.3	31.9	32.8	26.9	26.4	25.6	24.2	23.6	23.2	22.8	22.4
82.5°	43.9	52.5	56.9	54.5	44.4	44.7	35.3	27.7	31.5	29.2	29.0
80°	76.6	83.8	97.5	101.5	71.8	72.8	59.4	45.1	55.5	63.0	52.2
77.5°	187.9	164.4	162.2	152.6	141.9	140.4	137.9	117.9	104.1	116.8	107.2
75°	552.3	348.4	304.6	296.2	292.7	271.0	248.7	230.2	211.0	204.6	196.2
72.5°	1675.4	1230.4	934.8	782.3	641.1	520.1	451.6	418.0	388.8	354.5	311.7
70°	4552.9	3828.4	2399.1	1585.9	1302.9	1108.3	928.7	817.1	743.0	633.2	512.5
67.5°	10631.7	9758.7	7455.6	4815.6	3535.7	2821.2	2223.6	1929.8	1565.2	1165.0	892.3
65°	20912.6	18695.1	15223.6	11352.4	8349.1	6288.0	4679.2	3507.1	2637.9	1997.0	1457.4
62.5°	36172.8	31133.5	25565.6	19858.5	14983.7	10823.4	7466.4	4859.0	3383.8	2466.2	1802.2
60°	73188.6	59397.0	45394.6	33120.4	23980.4	16795.1	10726.1	6661.4	3946.5	2667.3	1998.5
57.5°	109059.9	91537.0	72898.1	55449.1	40717.4	27505.3	15939.7	9912.0	5071.4	3010.4	2210.8
55°	123389.8	107238.3	91075.2	76765.8	61507.8	43995.3	25047.1	15132.4	7761.3	4045.7	2498.8
52.5°	120858.7	108935.7	97973.7	88616.6	77771.0	61543.4	40207.4	21808.0	11591.4	5784.4	3051.4
50°	113360.0	106783.0	100962.9	95131.0	88042.0	76427.8	55668.0	30668.2	15342.9	8100.9	4093.6
47.5°	107658.5	105420.7	103076.9	99820.6	95667.5	85997.3	68912.1	43945.3	21857.6	11261.9	5633.9
45°	102731.9	103170.2	102948.9	101962.0	99361.6	92390.6	79263.8	56691.2	29341.2	14041.2	7025.2
42.5°	100488.1	102164.0	104902.5	105076.6	103530.8	98679.8	87670.0	67516.6	39372.3	18755.8	9077.7
40°	96579.1	98866.3	102891.1	106461.4	107888.4	105463.1	96069.0	77973.2	51600.8	24459.9	11714.5
37.5°	91537.2	93847.4	96266.0	101877.2	107037.6	107991.4	101041.2	85381.7	61750.4	33907.0	15133.8
35°	86593.1	88979.3	91422.5	96271.1	102516.4	102797.2	99928.4	87732.4	67112.3	41088.4	19438.7
32.5°	81865.6	84190.2	87247.4	92014.2	95313.4	96335.0	94273.1	85939.1	68421.9	44510.6	22338.9
30°	77395.8	79614.5	83359.2	87441.7	89919.9	91151.1	89962.9	83656.6	68784.8	47626.0	24281.7
27.5°	72776.1	75296.1	78940.0	81933.8	84465.9	85881.5	85380.1	80998.0	68735.6	49928.8	27644.8
25°	67840.3	70274.5	73272.5	76069.9	78268.0	80024.6	79946.0	77570.6	68344.8	52116.2	30564.4
22.5°	62621.6	64834.4	67445.2	69899.0	71938.0	73415.0	73594.5	71801.5	64975.9	51143.3	32127.1
20°	57727.1	59449.0	61631.4	63774.5	65464.3	66665.5	66925.4	65827.6	61230.9	49527.3	32948.2
17.5°	52926.2	54323.4	55925.4	57705.3	58986.0	59806.3	59887.7	58918.0	55071.9	45806.3	31872.3
15°	47964.6	49032.3	50204.3	51517.0	52393.5	52871.6	52815.0	52055.0	49157.4	41443.5	29603.2
12.5°	42509.4	43319.3	44193.6	45057.9	45710.8	45824.8	45659.2	44829.5	42617.0	36556.1	26851.3
10°	36536.1	37133.8	37687.1	38304.3	38639.3	38703.9	38443.7	37666.2	35702.5	30740.4	23218.9
7.5°	30236.7	30577.6	30854.9	31316.7	31515.6	31496.9	31198.2	30517.8	28865.8	24865.6	18798.4
5°	23848.3	24008.1	24199.2	24394.0	24643.8	24486.3	24237.9	23675.2	22373.2	19153.1	14365.8
2.5°	17805.0	17830.1	17915.3	18028.8	18474.7	18143.7	17973.6	17514.9	16496.4	13930.2	10332.1
0°	12341.7	12290.7	12298.9	12375.3	12456.4	12552.9	12487.3	12197.9	11446.1	9492.4	6980.9
-2.5°	7433.0	7420.1	7410.9	7453.8	7601.0	7747.3	7798.9	7679.0	7121.3	5828.3	4288.6
-5°	3531.8	3520.2	3451.0	3335.3	3537.2	3659.3	3664.0	3851.6	3501.1	2869.4	2094.0
-7.5°	1311.6	1147.3	1158.3	1178.9	1072.9	1288.7	1138.8	1300.8	1423.6	1208.0	1018.4
-10°	923.2	961.5	983.0	978.5	979.6	1013.7	1031.2	1002.1	944.2	893.8	863.0
-12.5°	780.2	882.8	970.2	992.3	1002.2	1030.8	1015.3	961.6	899.0	863.4	842.2
-15°	769.0	783.1	853.8	989.6	1058.4	1061.1	999.0	920.8	874.1	832.2	820.7
-17.5°	774.9	775.3	811.1	914.1	1047.4	1047.3	970.6	886.5	837.1	811.7	799.3
-20°	794.2	791.1	819.6	907.9	943.7	927.1	892.7	859.3	818.0	800.8	783.2



REPORT NUMBER: P902095 (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°
-22.5°	825.3	813.4	828.7	880.3	899.9	823.0	795.8	816.5	815.3	791.6	771.2
-25°	859.4	832.9	824.3	851.9	854.4	783.1	737.0	745.1	778.2	783.3	760.8
-27.5°	862.3	825.6	803.7	803.4	790.5	746.1	711.0	692.5	702.2	735.8	727.1
-30°	822.9	793.7	755.9	740.2	724.0	698.3	687.9	680.7	652.3	678.3	684.1
-32.5°	760.2	738.2	717.3	698.9	682.7	665.4	663.9	662.6	652.0	615.1	626.4
-35°	727.8	715.9	706.4	694.7	675.9	654.0	652.0	638.6	624.0	593.6	552.2
-37.5°	732.0	742.2	733.0	738.2	713.9	686.2	643.4	608.5	581.0	548.3	501.5
-40°	758.6	771.5	783.5	790.5	765.0	702.6	619.2	577.6	534.1	507.6	461.9
-42.5°	770.9	797.9	820.1	830.5	803.6	723.7	613.3	543.1	505.3	471.5	432.9
-45°	806.3	844.2	850.1	841.8	807.6	724.3	600.4	514.4	484.3	437.8	404.5
-47.5°	837.6	858.4	842.6	835.3	797.5	694.6	586.2	516.4	468.6	418.5	379.8
-50°	845.5	833.4	808.5	780.3	728.4	641.9	560.2	501.7	451.6	409.9	360.7
-52.5°	786.6	759.4	741.1	703.8	647.7	585.6	526.2	481.0	441.1	390.9	341.0
-55°	699.3	683.4	654.1	625.1	573.9	531.2	493.2	444.5	400.5	349.2	305.2
-57.5°	593.9	585.7	566.3	537.4	502.7	466.8	427.7	389.6	342.9	314.6	301.0
-60°	523.1	506.7	488.6	470.0	443.8	405.9	368.8	346.2	334.6	309.9	270.7
-62.5°	464.6	448.2	435.7	413.1	389.1	365.1	339.1	328.3	310.2	277.4	244.3
-65°	434.6	418.7	441.7	386.1	372.7	342.5	308.4	298.8	270.3	238.0	227.3
-67.5°	426.5	398.1	392.1	366.5	341.6	315.2	283.5	272.4	257.0	243.6	224.3
-70°	381.1	367.2	353.3	336.2	308.1	282.1	258.1	272.1	257.6	230.3	208.8
-72.5°	340.2	327.5	309.7	291.8	275.2	257.3	237.4	238.6	234.0	210.7	191.2
-75°	298.0	291.7	277.3	259.3	246.0	233.3	214.6	204.4	205.9	191.6	176.1
-77.5°	267.7	253.1	245.2	232.8	221.8	209.1	188.1	176.6	184.7	179.3	169.5
-80°	244.9	229.3	225.3	212.5	208.8	198.6	179.4	172.2	176.6	172.6	163.9
-82.5°	224.9	217.6	209.3	195.1	199.0	194.0	176.2	167.8	162.1	151.7	141.2
-85°	172.7	170.0	159.2	140.9	138.5	126.2	114.3	115.3	111.9	103.6	94.0
-87.5°	71.4	69.5	66.4	59.3	57.3	54.6	52.4	45.1	43.6	41.9	40.2
-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: P902095 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NMB-LO

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°	15.4	14.6	13.8	13.0	12.2	11.4	10.5	9.6	8.7	7.8	6.8
85°	22.0	21.5	21.3	25.3	24.3	20.5	19.9	19.2	17.4	15.5	13.7
82.5°	32.2	28.6	26.9	36.7	35.8	26.3	26.6	28.8	26.1	23.3	20.5
80°	51.7	43.8	35.6	46.6	46.9	35.1	36.1	38.4	34.7	31.0	27.2
77.5°	95.4	78.1	79.0	69.0	65.3	53.9	47.7	48.9	47.7	41.3	34.0
75°	188.5	150.3	126.0	115.4	97.5	116.9	108.2	76.4	62.8	57.5	43.1
72.5°	295.4	251.7	207.0	203.6	195.2	191.5	184.9	145.1	101.4	72.7	53.1
70°	449.6	364.3	328.0	315.1	291.8	270.8	250.7	206.6	148.6	103.2	62.4
67.5°	681.9	480.0	410.0	394.2	387.4	347.7	313.1	258.3	189.4	134.8	86.3
65°	989.7	657.8	505.8	431.4	425.1	408.0	361.2	300.1	223.6	163.9	111.6
62.5°	1271.8	808.0	600.9	487.6	449.6	408.1	388.1	317.6	252.4	190.0	135.8
60°	1356.6	953.2	698.4	546.1	486.5	423.6	385.8	335.6	281.3	214.7	153.3
57.5°	1649.6	1142.3	837.8	587.7	505.2	454.2	394.5	341.8	308.5	235.5	169.0
55°	1978.5	1535.9	1043.1	675.1	496.7	474.7	412.2	339.1	310.7	255.4	185.8
52.5°	2242.1	1793.1	1325.8	784.5	538.9	498.6	428.1	350.3	313.4	274.6	206.1
50°	2612.1	2052.1	1547.9	953.2	601.2	521.1	442.2	371.4	328.3	287.4	225.7
47.5°	3254.2	2423.0	1822.4	1193.2	736.1	551.1	460.3	406.7	361.3	304.2	244.0
45°	3884.1	2809.2	2169.1	1506.3	897.9	616.6	488.6	446.8	395.9	320.6	259.6
42.5°	4572.0	3224.4	2502.5	1843.7	1173.7	684.5	526.3	488.5	431.9	344.2	271.3
40°	6145.0	3760.6	2855.8	2219.9	1469.9	854.0	584.9	518.5	467.3	364.9	282.3
37.5°	7742.8	4474.3	3338.0	2628.2	1861.7	1070.7	632.6	550.2	488.7	382.4	292.8
35°	9440.3	5018.0	3651.1	2959.1	2238.8	1273.2	703.0	581.1	503.4	392.5	302.4
32.5°	10542.7	5394.4	3661.4	2944.0	2306.7	1504.4	832.9	582.0	510.7	398.5	310.5
30°	10882.0	5167.5	3467.4	2815.6	2280.2	1652.6	929.7	577.1	505.1	399.4	317.8
27.5°	12296.7	5751.8	3417.6	2698.8	2224.4	1685.7	1014.7	569.3	498.0	402.8	323.4
25°	12928.3	5973.8	3403.6	2662.3	2188.4	1681.7	1097.7	632.5	487.4	408.3	327.4
22.5°	14553.2	6229.0	3408.3	2628.5	2159.0	1666.0	1158.7	681.1	482.8	409.0	331.5
20°	15227.2	6474.8	3427.2	2581.7	2105.1	1635.9	1186.9	723.6	480.2	405.7	334.6
17.5°	14993.6	6295.5	3324.4	2504.0	2049.2	1593.5	1195.4	752.4	478.2	399.8	335.3
15°	15211.7	6327.5	3169.8	2416.9	1974.3	1553.4	1171.5	774.2	475.0	392.5	332.8
12.5°	14409.4	5984.7	3136.0	2322.3	1882.9	1501.0	1154.1	793.4	470.9	384.9	328.1
10°	12783.0	5429.5	2929.0	2206.9	1783.2	1441.2	1126.6	791.1	476.2	376.9	323.0
7.5°	10621.0	4694.0	2654.5	2043.9	1672.2	1326.3	1033.1	753.8	477.1	367.8	317.1
5°	8360.4	3894.1	2368.9	1895.5	1541.8	1156.8	920.4	699.1	467.9	349.8	309.3
2.5°	6184.8	3079.0	2023.2	1703.2	1429.2	933.9	761.0	610.0	449.1	328.2	300.3
0°	4409.2	2111.6	1524.1	1449.9	1326.6	688.1	593.5	514.3	425.5	305.8	290.3
-2.5°	2752.9	1288.0	1062.4	1002.8	931.2	652.3	569.5	495.5	413.9	301.1	285.1
-5°	1385.8	974.2	860.2	778.9	692.7	619.7	544.7	475.4	401.0	296.2	279.3
-7.5°	921.0	856.3	795.0	728.0	662.1	599.2	526.2	455.9	386.3	290.2	273.0
-10°	836.3	800.8	761.6	696.5	633.2	579.1	506.6	435.2	370.4	281.2	265.1
-12.5°	805.5	770.7	736.1	676.9	608.6	559.4	491.8	419.8	353.6	272.2	256.7
-15°	788.3	756.9	714.0	660.2	592.7	543.2	476.9	406.2	338.3	264.8	248.3
-17.5°	775.5	731.9	691.4	628.0	572.3	530.8	461.1	393.6	320.8	259.5	241.7
-20°	757.0	711.1	666.7	593.3	550.1	512.6	443.4	382.5	302.9	254.5	236.7



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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°	731.4	690.3	637.3	555.2	510.9	488.9	427.9	370.3	283.4	251.6	231.8
-25°	709.4	663.1	604.0	530.9	466.9	453.9	410.6	352.1	260.6	251.2	226.5
-27.5°	688.0	631.3	570.6	509.6	454.1	431.8	387.9	330.7	245.9	246.7	220.4
-30°	664.6	595.5	541.9	485.1	443.1	418.0	365.5	305.5	245.9	239.6	214.4
-32.5°	608.0	563.1	516.8	466.8	434.5	397.4	348.1	279.3	244.5	230.3	208.7
-35°	548.2	524.5	495.0	450.6	425.3	377.7	330.7	249.9	241.6	220.1	202.0
-37.5°	484.3	497.0	474.9	439.5	404.0	357.7	300.8	236.1	234.2	209.8	191.4
-40°	444.5	459.9	445.6	430.6	380.7	335.8	265.5	233.1	223.0	201.0	178.6
-42.5°	407.5	411.3	426.6	402.0	353.9	303.0	232.8	229.7	212.1	191.7	166.8
-45°	366.6	362.7	375.8	364.0	324.5	260.2	231.1	221.6	201.2	181.8	156.1
-47.5°	345.1	321.6	313.0	320.4	281.4	228.2	229.6	211.4	189.3	170.8	145.5
-50°	322.2	283.4	276.4	272.6	232.2	226.4	220.0	200.8	176.8	160.7	134.5
-52.5°	294.1	272.8	259.3	234.9	223.9	222.1	208.1	190.0	168.5	151.3	124.0
-55°	286.3	264.3	236.3	223.9	223.4	211.8	196.0	178.8	160.6	140.8	114.5
-57.5°	271.4	239.8	224.8	222.9	215.1	200.3	183.2	168.0	152.2	130.9	110.5
-60°	240.7	221.4	212.3	216.6	209.5	186.6	171.9	157.1	145.0	122.0	105.7
-62.5°	222.2	207.5	194.8	207.9	205.7	174.5	162.6	147.9	138.1	114.7	99.8
-65°	217.0	199.7	180.6	197.3	193.4	163.1	155.9	140.8	127.0	106.7	90.6
-67.5°	203.2	186.8	169.9	174.5	170.9	161.7	151.7	130.2	114.9	98.1	81.1
-70°	188.7	174.9	155.9	155.1	160.6	158.3	139.8	117.1	104.4	89.6	71.9
-72.5°	177.0	159.0	140.9	138.2	147.3	143.6	126.5	108.7	95.6	81.5	65.4
-75°	157.2	141.2	135.4	130.6	133.0	127.3	115.6	103.0	86.7	75.3	58.8
-77.5°	154.2	138.3	135.0	123.6	116.5	108.8	101.3	91.1	77.1	68.9	52.8
-80°	150.6	140.7	135.3	113.1	97.0	88.9	82.6	75.6	66.6	59.9	47.9
-82.5°	125.6	114.5	103.2	88.0	73.2	68.8	64.4	59.7	53.7	49.3	43.2
-85°	81.8	74.8	67.3	59.8	52.5	49.6	46.6	43.6	40.0	35.8	31.4
-87.5°	35.4	33.7	31.9	30.0	28.1	26.2	24.2	22.1	20.0	17.9	15.7
-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°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
85°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
82.5°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
80°	23.3	19.1	15.7	11.8	7.9	3.9	0.0
77.5°	28.6	22.1	19.3	14.7	9.8	4.9	0.0
75°	33.6	25.2	22.1	17.6	11.8	5.9	0.0
72.5°	38.8	28.4	24.8	19.1	13.7	6.8	0.0
70°	43.6	31.6	27.2	20.1	15.5	7.8	0.0
67.5°	47.6	34.8	29.4	21.2	17.4	8.7	0.0
65°	58.7	38.1	31.2	22.2	18.6	9.6	0.0
62.5°	78.1	41.5	32.4	23.1	19.2	10.5	0.0
60°	96.7	50.2	33.3	23.9	19.9	11.4	0.0
57.5°	114.5	64.7	33.8	24.7	20.7	12.2	0.0
55°	130.8	77.9	34.0	25.5	21.4	13.0	0.0
52.5°	146.7	89.8	36.1	26.2	22.2	13.8	0.0
50°	161.4	102.6	47.3	27.0	23.1	14.6	0.0
47.5°	174.8	115.7	59.0	27.7	23.9	15.4	0.0
45°	187.6	127.9	70.6	28.4	24.8	16.1	0.0
42.5°	199.5	139.2	81.4	29.2	25.8	16.8	0.0
40°	210.8	149.6	91.3	30.4	26.7	17.4	0.0
37.5°	220.6	159.0	100.4	31.9	27.7	18.0	0.0
35°	229.1	166.2	107.0	37.2	28.7	18.5	0.0
32.5°	237.5	172.2	112.2	43.3	29.7	18.9	0.0
30°	245.8	178.0	116.8	48.6	30.6	19.3	0.0
27.5°	254.6	183.6	120.1	53.1	31.8	19.6	0.0
25°	262.3	189.0	123.0	56.8	33.2	19.9	0.0
22.5°	268.4	193.2	125.6	59.8	34.7	20.2	0.0
20°	272.4	194.6	127.8	62.1	36.4	20.5	0.0
17.5°	270.1	194.9	129.6	65.8	38.2	20.8	0.0
15°	264.7	194.2	131.0	69.6	40.1	21.0	0.0
12.5°	258.7	192.4	132.7	72.8	42.0	21.2	0.0
10°	252.1	190.0	133.9	75.5	43.9	21.4	0.0
7.5°	249.2	187.6	134.5	77.8	45.8	21.6	0.0
5°	246.7	184.7	134.5	79.7	47.7	21.7	0.0
2.5°	243.4	181.4	134.0	81.4	49.4	21.8	0.0
0°	239.4	177.5	132.9	82.8	51.0	21.8	0.0
-2.5°	237.1	174.9	130.1	81.4	51.1	21.9	0.0
-5°	234.4	171.6	126.9	79.8	51.0	21.9	0.0
-7.5°	231.4	167.5	123.2	78.1	50.7	21.8	0.0
-10°	227.5	162.5	119.2	76.5	50.3	21.7	0.0
-12.5°	221.3	157.5	114.7	74.9	49.7	21.6	0.0
-15°	214.6	153.1	110.2	73.4	49.0	21.4	0.0
-17.5°	207.5	149.5	106.5	72.1	48.1	21.2	0.0
-20°	201.4	146.0	102.5	71.1	47.1	21.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	196.1	141.9	98.4	70.9	46.0	20.7	0.0
-25°	189.6	137.1	94.1	70.6	44.7	20.3	0.0
-27.5°	182.3	131.6	89.7	70.4	43.3	20.0	0.0
-30°	174.5	125.4	85.3	70.1	41.8	19.6	0.0
-32.5°	166.0	118.5	82.1	69.8	40.4	19.1	0.0
-35°	157.0	110.9	79.1	69.4	39.0	18.6	0.0
-37.5°	148.3	105.3	77.4	68.4	37.7	18.0	0.0
-40°	141.5	103.2	77.4	65.8	36.9	17.4	0.0
-42.5°	134.2	100.3	76.9	63.2	36.0	16.8	0.0
-45°	125.3	96.6	75.9	60.5	35.0	16.1	0.0
-47.5°	115.3	92.1	74.4	58.0	33.9	15.4	0.0
-50°	108.9	86.8	72.2	55.4	32.7	14.6	0.0
-52.5°	104.7	83.5	69.7	52.8	31.5	13.8	0.0
-55°	102.2	80.3	66.6	50.3	30.1	13.0	0.0
-57.5°	100.0	76.4	63.3	47.8	28.6	12.2	0.0
-60°	91.6	71.6	59.9	45.8	27.1	11.4	0.0
-62.5°	83.3	66.8	56.5	43.8	25.5	10.5	0.0
-65°	74.9	62.4	52.9	41.7	23.8	9.6	0.0
-67.5°	68.3	57.8	49.6	39.6	21.9	8.7	0.0
-70°	63.2	53.2	46.5	37.4	19.7	7.8	0.0
-72.5°	57.9	49.0	43.5	35.2	17.4	6.8	0.0
-75°	52.5	45.2	40.4	32.4	15.1	5.9	0.0
-77.5°	47.1	41.4	37.4	27.4	12.7	4.9	0.0
-80°	41.6	37.5	31.4	22.1	10.2	3.9	0.0
-82.5°	35.2	29.5	23.6	16.8	7.7	3.0	0.0
-85°	23.5	19.7	15.8	11.2	5.1	2.0	0.0
-87.5°	11.8	9.8	7.9	5.6	2.6	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)