

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: P1306276 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-7F-VHE-A**

Issue Date: 2/3/2026

Test Information

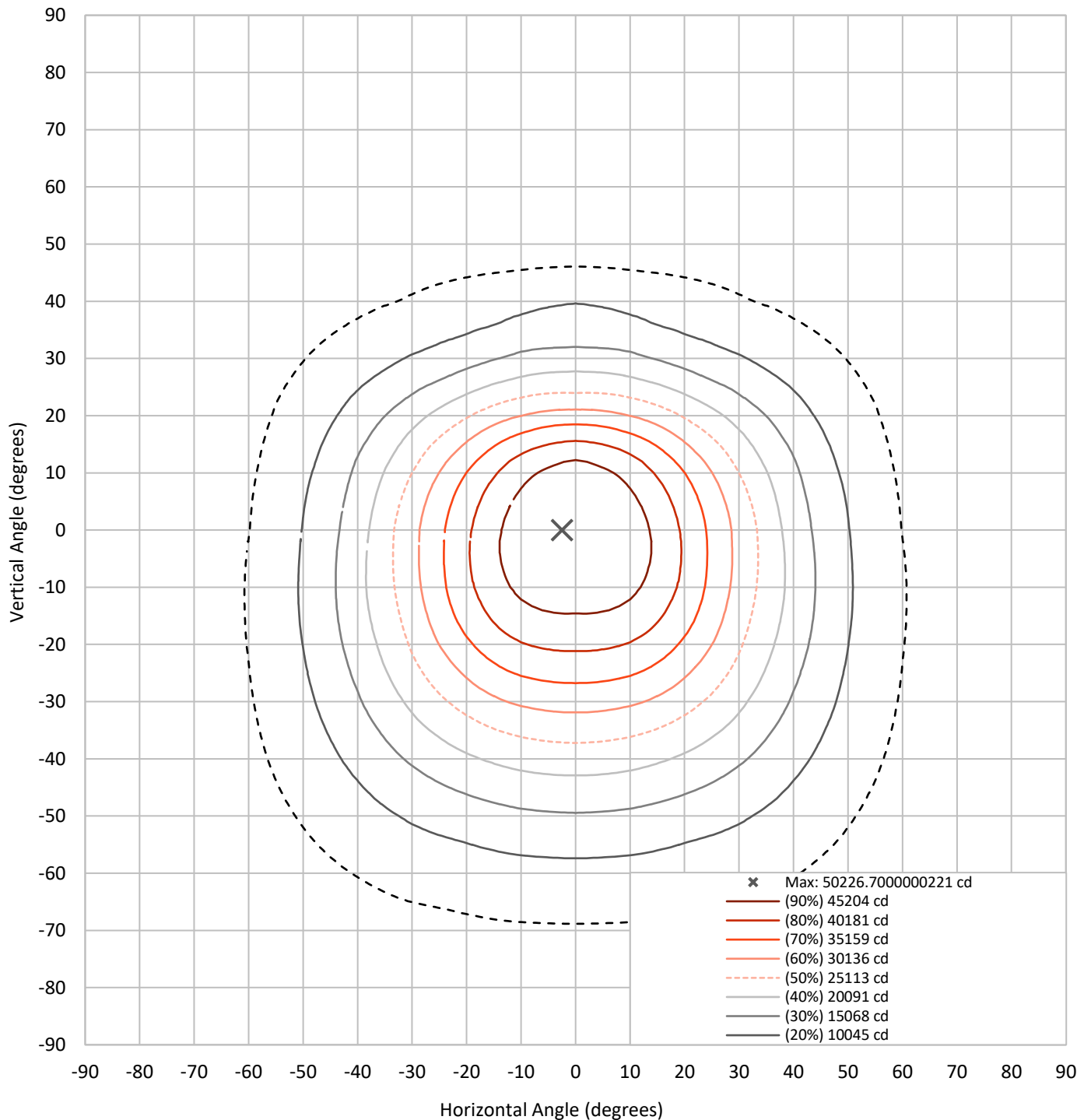
Test Method: LM-79-08
Report Number: P1306276 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-6)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-7F-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	66820 lumens	Max Intensity:	50226.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	120.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	66.6°H x 61.2°V	Field Angle (10%):	119.6°H x 114.9°V
Beam Lumens:	36280 lumens	Field Lumens:	62616.4 lumens
Beam Efficiency:	54.3%	Field Efficiency:	93.7%
Input Watts (W):	554		
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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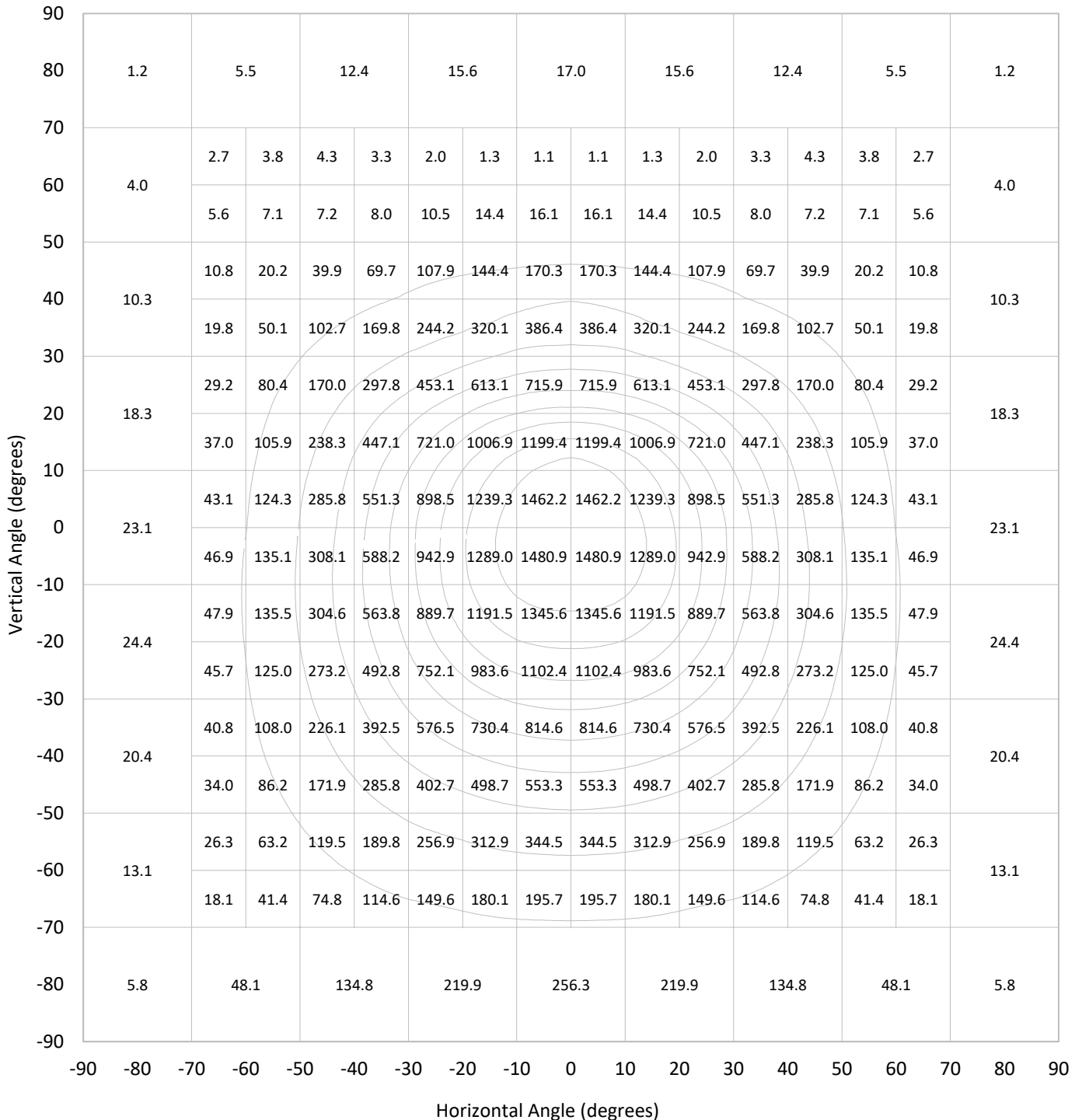
Iso-Candela Plot





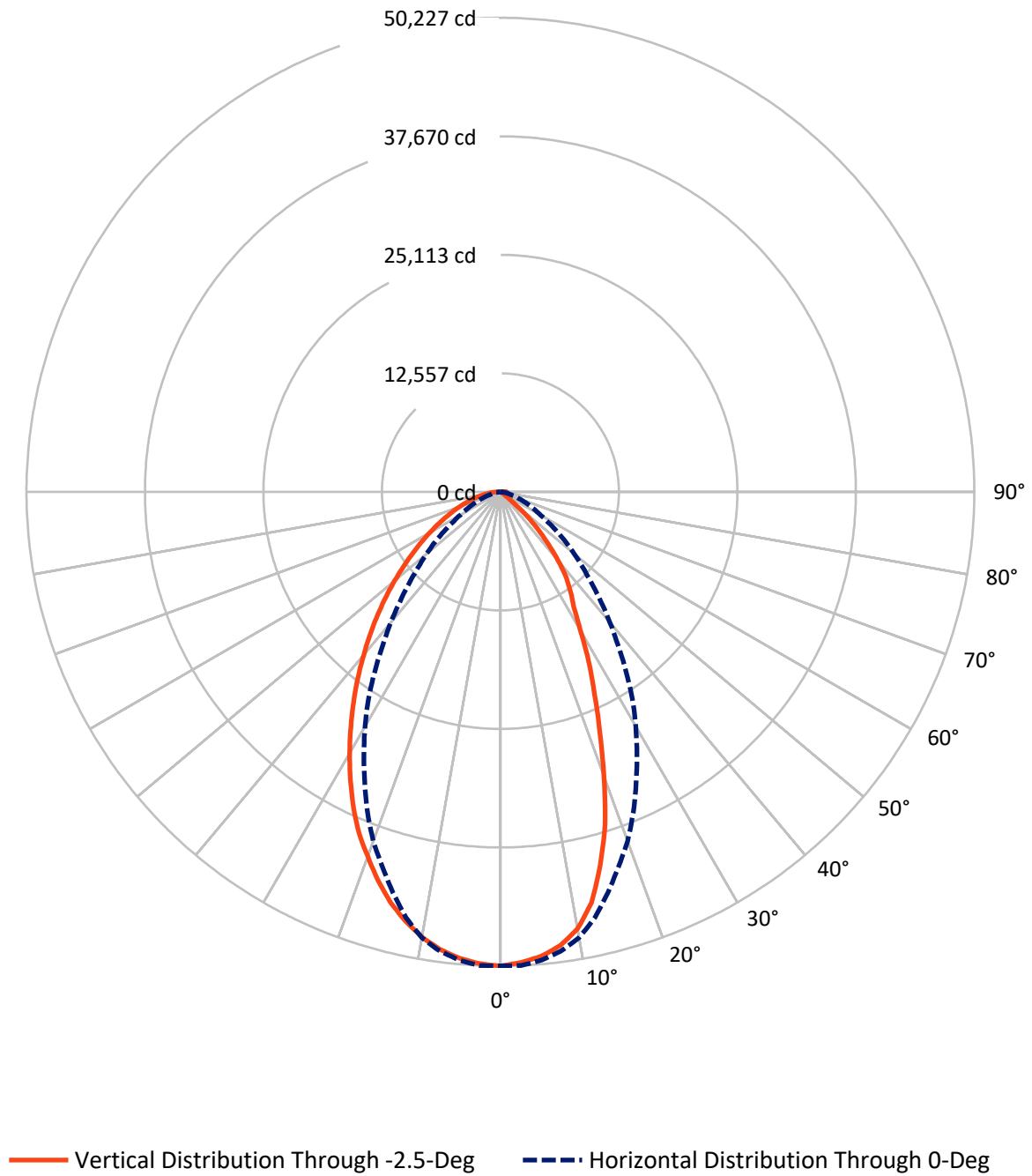
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Lumen Table



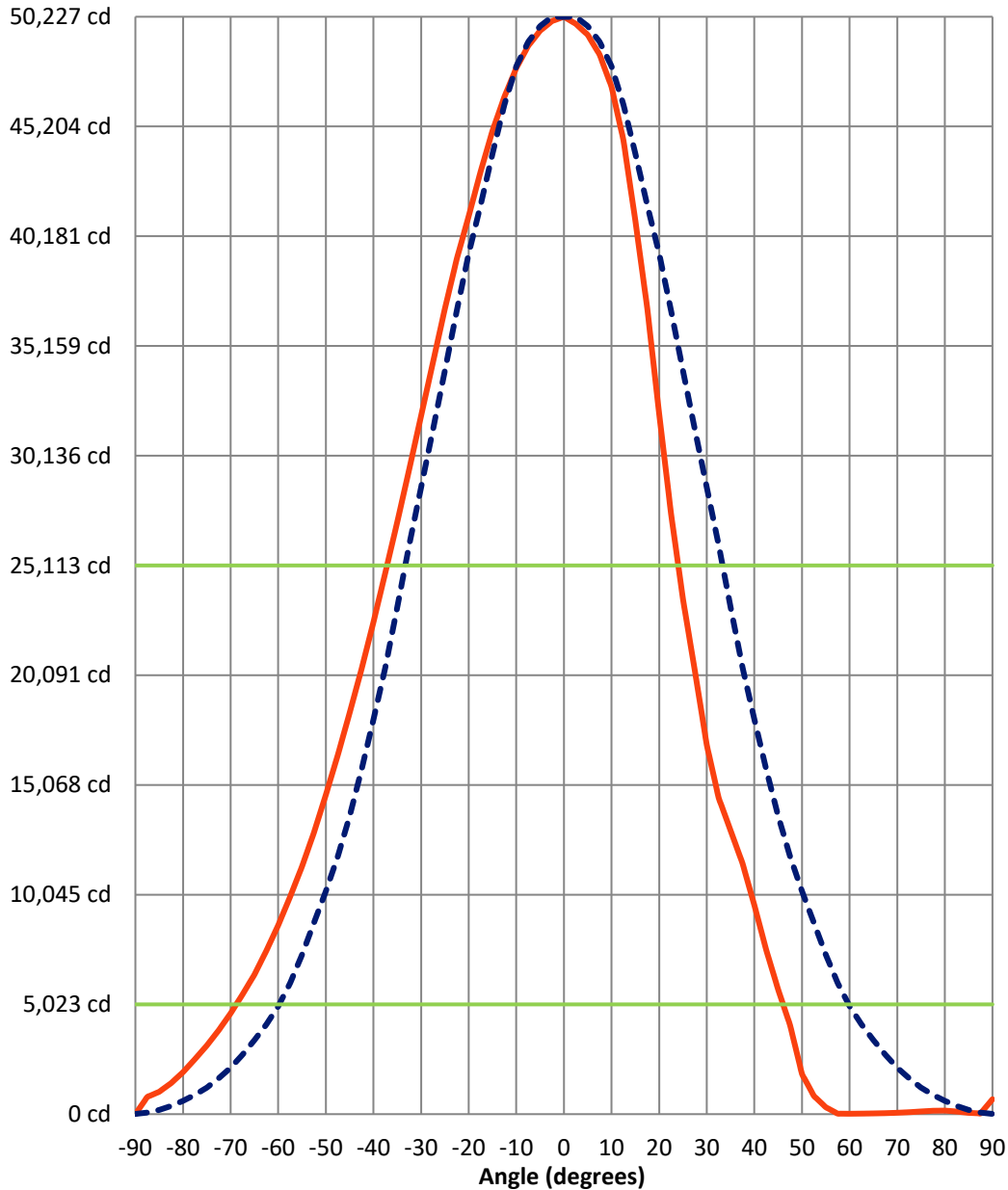
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 66.6°
 V Angle: 61.2°
 Lumens: 36280
 Efficiency: 54.3%

Field:
 H Angle: 119.6°
 V Angle: 114.9°
 Lumens: 62616.4
 Efficiency: 93.7%

Spill:
 Lumens: 4203.6
 Efficiency: 6.3%

— Vertical Distribution through -2.5-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°	10.9	38.3	65.6	101.6	137.5	173.5	209.4	235.6	261.7	287.9	314.0
87.5°	10.9	13.9	15.9	17.2	18.3	19.2	19.8	19.7	19.5	18.9	18.2
85°	10.9	16.1	19.3	22.0	24.2	25.9	27.1	27.4	27.2	26.6	25.5
82.5°	10.9	18.2	22.7	26.7	30.0	32.6	34.4	35.1	35.7	38.3	40.4
80°	10.9	20.4	26.2	31.4	35.8	39.3	42.5	47.9	52.6	56.5	59.7
77.5°	10.9	22.6	29.6	36.2	41.7	48.6	56.6	63.3	69.5	74.7	77.1
75°	10.9	24.7	33.0	40.9	48.9	63.1	70.9	78.7	86.7	92.0	89.5
72.5°	10.9	26.9	36.5	45.5	62.5	77.7	85.7	96.0	107.7	110.0	103.3
70°	10.9	29.0	40.0	51.5	76.1	92.5	102.0	119.3	129.5	129.7	132.7
67.5°	10.9	31.1	43.5	63.0	89.8	107.6	127.0	143.3	152.9	166.2	167.3
65°	10.9	33.2	47.1	74.5	103.6	127.4	152.6	168.1	191.2	204.3	207.1
62.5°	10.9	35.3	50.7	86.0	117.6	151.9	179.0	202.5	230.6	246.5	257.0
60°	10.9	37.3	54.3	97.4	131.6	176.8	206.1	241.3	271.4	299.7	310.0
57.5°	10.9	39.4	62.6	108.8	153.0	202.1	243.5	281.6	322.8	355.5	372.0
55°	10.9	41.4	70.8	120.2	174.8	227.8	282.8	324.7	378.4	416.1	441.3
52.5°	10.9	43.4	78.9	131.4	196.8	255.4	322.8	378.9	435.7	488.1	515.8
50°	10.9	45.3	86.9	142.6	218.7	290.4	363.5	435.6	498.4	563.9	609.5
47.5°	10.9	47.2	94.7	155.1	240.7	325.6	406.2	493.5	571.5	643.7	713.0
45°	10.9	49.1	102.4	171.7	262.6	361.0	457.4	552.6	650.6	746.5	824.8
42.5°	10.9	51.0	109.9	188.0	284.5	396.4	508.9	619.4	732.3	855.6	975.1
40°	10.9	52.7	117.1	204.1	309.3	431.9	560.6	692.1	821.2	969.9	1142.3
37.5°	10.9	54.5	124.2	219.9	336.8	467.2	612.6	765.8	920.6	1092.1	1321.2
35°	10.9	56.2	131.0	235.0	363.9	506.7	664.5	840.2	1019.1	1234.5	1520.9
32.5°	10.9	57.8	137.6	249.7	390.4	548.0	719.1	915.2	1116.5	1371.1	1696.7
30°	10.9	59.4	144.0	263.7	416.3	588.5	779.9	991.9	1212.5	1501.6	1861.5
27.5°	10.9	60.9	150.0	277.2	439.9	628.2	840.0	1071.9	1312.8	1625.9	2015.1
25°	10.9	62.3	155.8	289.9	462.2	666.9	899.1	1149.7	1418.6	1752.8	2158.2
22.5°	10.9	63.7	161.3	302.0	483.4	702.6	956.9	1225.2	1518.6	1875.3	2308.6
20°	10.9	65.0	166.4	313.4	503.3	732.3	1013.2	1298.0	1612.7	1988.1	2450.4
17.5°	10.9	66.2	171.2	323.9	521.8	759.8	1057.3	1367.8	1700.8	2091.4	2583.3
15°	10.9	67.3	175.6	333.7	539.0	784.9	1091.6	1426.5	1782.8	2185.2	2706.4
12.5°	10.9	68.3	179.6	342.6	554.7	807.7	1122.0	1472.3	1855.1	2269.7	2819.4
10°	10.9	69.2	183.3	350.7	568.9	828.1	1148.3	1514.8	1920.0	2368.9	2934.5
7.5°	10.9	70.1	186.5	357.8	581.5	846.0	1170.7	1553.6	1980.1	2467.3	3065.6
5°	10.9	70.8	189.4	364.0	592.5	861.4	1189.0	1588.1	2034.8	2560.0	3185.6
2.5°	10.9	71.4	191.8	369.2	601.8	874.1	1203.5	1617.7	2083.3	2645.3	3293.6
0°	10.9	71.9	193.7	373.4	609.3	884.3	1214.0	1642.0	2124.8	2721.6	3388.8
-2.5°	10.9	73.3	196.7	379.0	619.3	900.8	1243.2	1682.3	2176.6	2775.1	3449.0
-5°	10.9	74.6	199.2	383.6	627.3	914.4	1268.1	1716.4	2220.4	2818.0	3495.4
-7.5°	10.9	75.8	201.2	387.1	633.4	925.1	1288.4	1743.9	2255.7	2850.3	3527.9
-10°	10.9	76.8	202.8	389.5	637.5	932.7	1303.7	1764.5	2282.3	2872.2	3546.3
-12.5°	10.9	77.7	203.8	390.7	639.4	937.1	1313.6	1777.8	2299.8	2884.6	3560.8
-15°	10.9	78.5	204.3	390.7	639.2	938.1	1317.8	1783.7	2305.8	2889.6	3564.3
-17.5°	10.9	79.1	204.4	389.5	636.7	935.7	1316.1	1779.5	2299.1	2882.1	3551.1
-20°	10.9	79.6	203.9	387.1	632.0	929.7	1308.8	1766.4	2282.3	2861.5	3520.8



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	10.9	79.9	202.9	383.5	625.0	920.1	1297.3	1746.3	2255.1	2827.7	3473.1
-25°	10.9	80.1	201.4	378.7	615.7	910.7	1280.7	1719.1	2217.3	2780.5	3407.8
-27.5°	10.9	80.2	199.5	372.6	604.0	899.0	1259.0	1684.9	2168.8	2723.4	3343.8
-30°	10.9	80.1	197.0	365.3	590.4	883.4	1232.3	1643.7	2117.9	2660.4	3264.6
-32.5°	10.9	79.9	194.0	356.7	578.0	863.9	1200.5	1604.4	2063.4	2584.5	3169.6
-35°	10.9	79.5	190.5	346.9	563.1	840.4	1170.9	1561.8	2001.0	2495.8	3058.8
-37.5°	10.9	78.9	186.5	335.9	545.7	815.3	1139.2	1513.4	1930.6	2394.4	2943.8
-40°	10.9	78.3	182.0	323.7	525.8	791.0	1102.4	1459.3	1852.6	2299.4	2822.7
-42.5°	10.9	77.4	177.0	311.0	507.4	763.4	1060.5	1399.5	1778.6	2205.3	2690.1
-45°	10.9	76.5	171.6	298.5	490.7	732.6	1013.6	1338.5	1703.6	2100.0	2549.9
-47.5°	10.9	75.4	165.7	284.7	472.2	698.5	961.8	1277.3	1622.3	1983.6	2417.7
-50°	10.9	74.1	159.4	275.0	451.7	661.2	914.8	1210.1	1531.4	1879.2	2272.3
-52.5°	10.9	72.7	152.7	265.9	429.4	620.9	865.4	1137.1	1439.4	1765.7	2117.2
-55°	10.9	71.2	145.5	255.8	405.2	587.8	812.1	1060.2	1343.5	1643.5	1977.6
-57.5°	10.9	69.5	137.9	244.8	379.3	554.1	755.1	991.6	1241.2	1522.4	1828.2
-60°	10.9	67.8	130.0	232.9	352.3	518.1	696.4	916.6	1136.8	1396.7	1674.4
-62.5°	10.9	65.9	125.9	220.0	333.6	480.0	648.5	836.7	1042.1	1264.2	1522.3
-65°	10.9	63.8	121.5	206.3	313.5	439.7	597.8	758.7	942.7	1143.6	1363.0
-67.5°	10.9	61.7	116.9	191.9	292.2	404.1	544.6	691.7	839.0	1022.4	1215.6
-70°	10.9	59.5	112.0	176.6	269.8	373.4	489.1	622.2	755.8	896.5	1070.4
-72.5°	10.9	57.1	106.8	167.2	246.3	341.1	445.0	550.3	670.5	796.3	927.4
-75°	10.9	54.7	101.5	158.8	221.9	307.5	401.0	489.7	582.6	693.8	809.5
-77.5°	10.9	52.1	95.9	150.1	207.0	272.7	355.4	432.2	511.4	594.9	688.6
-80°	10.9	49.5	90.2	141.0	193.9	248.8	308.4	373.2	440.5	511.1	584.9
-82.5°	10.9	46.8	84.2	131.5	180.4	230.7	282.4	323.9	368.1	425.6	485.5
-85°	10.9	44.0	78.2	121.8	166.5	212.1	258.6	294.9	331.4	368.2	405.4
-87.5°	10.9	41.2	71.9	111.8	152.1	193.0	234.2	265.4	296.8	328.3	360.0
-90°	10.9	11.7	12.5	12.5	12.5	12.5	12.5	12.1	11.7	11.3	10.9



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	337.1	360.1	383.2	406.2	428.9	451.5	474.2	496.8	517.9	539.0	560.1
87.5°	18.7	19.1	19.5	19.9	19.1	18.2	17.2	16.0	17.3	18.7	20.3
85°	26.4	27.3	29.6	31.4	32.6	34.3	36.3	38.8	43.4	47.9	52.4
82.5°	44.0	46.9	49.0	50.4	54.7	60.1	65.9	71.2	76.4	81.3	86.0
80°	63.6	66.6	67.2	68.0	73.7	80.8	88.3	96.1	102.3	108.1	113.5
77.5°	77.9	79.6	81.7	84.0	91.4	101.7	112.0	122.3	130.0	136.1	141.6
75°	89.1	92.3	99.8	104.4	112.7	124.7	136.7	148.4	156.0	160.2	163.0
72.5°	107.4	118.2	124.8	127.3	135.3	149.5	162.2	173.5	179.4	178.5	174.8
70°	135.5	145.5	154.2	157.3	160.8	174.6	185.0	193.1	196.6	189.5	175.5
67.5°	165.8	181.2	189.1	189.5	184.6	196.6	205.9	204.7	198.5	183.0	164.6
65°	204.8	219.5	226.5	223.6	210.4	213.1	212.5	206.9	192.7	171.4	149.3
62.5°	248.5	261.6	267.2	259.8	235.5	225.1	219.1	204.9	183.1	162.3	141.4
60°	304.0	306.9	310.5	297.2	266.7	237.9	226.6	212.4	189.1	160.5	143.3
57.5°	366.3	356.2	357.9	343.0	307.9	256.5	251.4	233.3	213.6	176.0	158.3
55°	438.0	410.6	415.0	401.4	369.2	311.7	292.2	289.6	262.0	232.4	199.8
52.5°	524.2	486.9	486.1	483.9	466.5	416.9	372.2	403.3	420.7	387.7	408.7
50°	621.0	602.4	574.5	607.0	617.3	591.1	551.8	638.6	743.2	791.0	789.8
47.5°	749.6	738.6	714.4	773.4	847.0	914.5	930.7	1087.5	1245.8	1420.9	1441.6
45°	901.0	928.9	915.1	1040.2	1197.9	1379.5	1514.3	1666.4	2026.8	2235.8	2545.5
42.5°	1069.1	1150.3	1224.2	1342.5	1714.5	1945.6	2149.0	2530.6	2889.1	3192.3	3512.2
40°	1285.3	1392.2	1553.8	1875.4	2276.5	2543.9	2894.0	3329.0	3692.0	4034.3	4361.9
37.5°	1519.9	1698.3	1917.2	2378.1	2834.6	3169.6	3598.3	4029.7	4442.5	4826.4	5284.5
35°	1767.8	2005.5	2350.1	2831.8	3310.8	3777.4	4249.2	4729.7	5200.8	5727.0	6242.0
32.5°	2037.6	2313.0	2748.0	3259.5	3795.7	4337.8	4885.9	5446.9	6045.6	6659.1	7205.6
30°	2281.1	2655.6	3118.6	3673.3	4278.4	4901.1	5540.7	6186.3	6921.4	7647.6	8303.2
27.5°	2467.1	2969.4	3486.5	4099.6	4762.6	5456.9	6198.0	6998.0	7853.8	8686.3	9464.5
25°	2645.5	3210.8	3839.2	4525.7	5262.2	6042.9	6871.9	7767.5	8817.7	9793.1	10763.8
22.5°	2832.4	3454.1	4132.2	4941.0	5748.6	6637.1	7556.9	8587.6	9748.2	10901.3	12080.9
20°	3031.3	3705.9	4421.4	5274.3	6203.7	7222.5	8201.6	9401.2	10692.3	12032.3	13471.2
17.5°	3225.1	3937.3	4701.6	5600.6	6607.9	7749.0	8823.2	10188.8	11619.4	13152.1	14779.7
15°	3411.9	4148.1	4957.3	5900.7	6999.0	8210.4	9466.6	10963.0	12562.9	14255.0	15964.2
12.5°	3589.5	4338.5	5187.8	6173.1	7364.1	8658.6	10042.5	11616.2	13368.7	15239.0	17102.0
10°	3755.5	4508.5	5392.5	6416.4	7699.0	9086.1	10555.1	12200.2	14022.3	15949.3	18027.2
7.5°	3881.3	4649.6	5573.1	6629.5	7999.2	9484.4	11003.7	12711.9	14574.8	16581.7	18815.5
5°	3977.7	4764.3	5740.1	6875.4	8287.6	9814.0	11372.7	13148.2	15027.5	17125.8	19496.0
2.5°	4050.9	4861.1	5883.2	7103.9	8545.9	10038.6	11613.4	13434.5	15434.9	17634.0	20049.1
0°	4104.3	4938.6	5999.5	7299.3	8755.5	10203.8	11791.1	13642.5	15765.8	18064.0	20457.5
-2.5°	4195.1	5075.9	6162.1	7454.2	8886.3	10365.6	12020.0	13932.1	16079.6	18335.3	20809.7
-5°	4267.7	5188.9	6293.5	7570.6	8971.4	10471.5	12177.8	14133.5	16285.1	18518.0	20991.5
-7.5°	4320.3	5274.4	6392.2	7647.9	9028.3	10557.0	12288.0	14233.7	16362.0	18627.0	21019.9
-10°	4351.4	5314.8	6423.3	7670.8	9059.0	10603.1	12330.3	14248.4	16339.0	18601.3	20942.0
-12.5°	4363.1	5313.9	6413.7	7652.2	9035.4	10581.1	12296.8	14178.8	16218.5	18436.0	20743.5
-15°	4355.4	5286.7	6369.1	7591.4	8955.9	10488.4	12186.7	14026.8	15994.9	18099.3	20341.8
-17.5°	4328.1	5233.0	6288.9	7488.3	8819.1	10323.0	11990.6	13745.6	15673.7	17710.5	19831.5
-20°	4281.3	5152.8	6172.9	7342.7	8632.3	10105.8	11713.5	13412.4	15264.5	17246.6	19259.7



REPORT NUMBER: P1306276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4215.1	5046.3	6037.3	7178.7	8453.1	9859.0	11382.6	13011.5	14743.1	16692.9	18611.5
-25°	4139.1	4952.2	5895.5	7000.0	8226.6	9569.8	10995.3	12552.7	14187.0	16011.9	17869.0
-27.5°	4052.3	4837.9	5744.4	6785.8	7948.7	9248.5	10611.3	12073.3	13620.8	15261.6	17042.3
-30°	3945.1	4708.0	5563.4	6551.3	7667.1	8898.6	10209.1	11530.7	12996.6	14543.6	16175.7
-32.5°	3817.9	4551.0	5382.9	6323.7	7360.7	8493.8	9739.7	10996.5	12348.9	13780.7	15293.3
-35°	3681.8	4391.7	5181.7	6064.4	7024.5	8086.4	9224.3	10419.7	11663.6	13009.0	14339.5
-37.5°	3544.9	4209.5	4946.7	5789.9	6709.5	7652.9	8676.4	9813.6	10979.2	12168.8	13390.7
-40°	3390.8	4004.8	4712.9	5499.1	6331.8	7207.1	8166.1	9181.3	10264.9	11338.0	12433.3
-42.5°	3222.9	3816.0	4465.2	5166.7	5946.0	6760.5	7621.0	8570.9	9515.5	10490.1	11501.4
-45°	3063.6	3609.8	4201.5	4853.5	5542.3	6295.6	7098.7	7929.0	8779.3	9640.6	10561.2
-47.5°	2892.4	3395.6	3953.0	4518.1	5151.0	5832.8	6554.9	7302.1	8038.6	8828.3	9615.2
-50°	2714.1	3194.6	3674.8	4200.0	4762.2	5374.0	6029.1	6673.3	7346.8	8030.6	8739.9
-52.5°	2535.3	2981.6	3416.6	3876.4	4384.8	4928.1	5498.9	6074.5	6673.0	7275.0	7882.9
-55°	2342.3	2756.3	3151.0	3566.4	4012.2	4499.0	4982.2	5500.1	6018.8	6569.7	7069.2
-57.5°	2159.6	2512.7	2878.1	3257.6	3656.6	4071.0	4500.1	4933.3	5405.4	5880.4	6308.4
-60°	1979.6	2278.3	2597.4	2944.4	3301.5	3668.5	4024.2	4410.9	4810.3	5199.2	5590.9
-62.5°	1792.9	2057.4	2330.2	2624.6	2949.6	3265.8	3586.8	3912.6	4238.0	4583.1	4914.2
-65°	1608.7	1834.3	2076.2	2331.3	2592.5	2878.2	3160.4	3435.6	3726.3	4008.7	4283.0
-67.5°	1416.3	1622.9	1830.0	2042.5	2276.2	2509.4	2744.1	2997.0	3242.4	3473.2	3705.8
-70°	1244.3	1410.6	1594.0	1781.5	1967.4	2158.8	2367.2	2576.2	2781.3	2978.0	3179.2
-72.5°	1073.4	1222.6	1372.4	1522.6	1684.3	1845.4	2008.1	2172.1	2343.6	2515.2	2682.0
-75°	921.0	1032.9	1163.1	1295.7	1421.9	1545.0	1671.0	1810.3	1947.5	2082.1	2215.5
-77.5°	782.2	876.6	974.2	1074.8	1170.8	1274.1	1377.8	1481.6	1583.9	1684.0	1782.1
-80°	651.6	717.9	796.5	878.0	954.2	1029.4	1104.6	1179.7	1255.4	1334.7	1416.5
-82.5°	539.4	593.4	648.1	703.2	753.9	803.4	854.6	913.2	973.1	1032.7	1091.5
-85°	436.8	467.7	509.7	552.1	592.6	632.5	671.9	710.7	750.5	789.8	828.5
-87.5°	387.2	414.2	441.0	467.8	493.5	519.0	544.3	569.5	595.1	620.7	646.3
-90°	10.9	10.9	10.9	10.9	10.5	10.2	9.8	9.4	9.0	8.6	8.2



REPORT NUMBER: P1306276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	581.2	587.9	594.5	601.2	607.8	623.4	639.1	654.7	670.3	673.8	677.3
87.5°	21.9	21.9	21.9	21.9	21.8	25.3	28.9	32.6	36.4	36.0	35.5
85°	56.8	57.6	58.0	58.0	57.7	62.6	67.4	72.2	76.7	73.6	70.1
82.5°	90.5	92.2	93.7	95.3	97.1	102.1	107.0	111.6	116.0	117.5	118.8
80°	118.5	121.6	123.9	125.7	127.0	131.3	135.8	140.1	144.3	148.7	153.1
77.5°	145.5	146.5	146.0	144.6	142.3	142.9	143.9	144.4	144.5	146.8	149.4
75°	164.4	162.2	155.8	148.3	140.0	134.9	131.2	127.3	123.2	122.5	122.8
72.5°	168.5	159.9	149.3	136.2	123.3	114.4	108.3	102.4	96.8	94.1	92.5
70°	159.5	143.1	128.9	114.9	101.2	91.0	84.9	79.4	74.4	71.1	68.8
67.5°	143.7	123.4	108.5	94.0	80.6	70.1	64.8	59.9	55.4	52.2	49.8
65°	127.6	106.0	91.6	77.7	64.1	53.7	49.7	45.7	41.7	38.8	37.2
62.5°	118.6	96.0	81.1	68.9	56.6	44.6	40.4	36.3	32.2	29.1	27.7
60°	121.8	96.1	78.0	66.7	54.0	40.1	34.9	31.1	27.0	23.2	21.8
57.5°	140.9	112.9	85.8	81.3	68.5	48.0	49.9	58.1	52.0	35.8	34.0
55°	215.5	208.5	136.5	176.7	205.5	193.6	180.8	239.3	267.8	269.3	295.8
52.5°	428.3	478.8	460.0	481.9	600.7	648.9	642.5	747.1	801.4	794.0	822.3
50°	901.7	1005.2	1132.6	1153.1	1352.4	1490.6	1524.0	1645.1	1779.7	1831.2	1889.2
47.5°	1759.9	2002.4	2125.3	2264.0	2493.4	2744.8	2939.5	3113.9	3303.0	3432.2	3588.2
45°	2866.7	3038.0	3252.1	3574.3	3924.5	4252.5	4560.6	4841.3	5026.6	5191.7	5367.0
42.5°	3777.3	4050.9	4410.0	4890.6	5388.8	5725.5	5978.9	6249.5	6538.9	6813.9	7067.4
40°	4709.7	5026.8	5596.5	6141.1	6512.8	6837.8	7184.7	7551.9	7930.2	8291.0	8649.7
37.5°	5709.0	6177.6	6676.5	7152.5	7545.8	7853.2	8328.7	8735.5	9114.5	9651.8	10144.5
35°	6772.3	7281.6	7710.2	8254.7	8694.4	9073.6	9571.2	10083.5	10411.4	11148.5	11786.5
32.5°	7830.1	8423.7	8995.2	9512.3	10058.0	10642.7	11126.9	11829.6	12364.2	13069.2	13762.2
30°	8932.4	9746.2	10459.5	11026.9	11770.3	12526.2	13205.5	14033.1	14821.2	15477.2	16211.7
27.5°	10323.3	11228.1	12098.1	12972.5	13766.6	14710.5	15791.9	16667.3	17676.2	18391.5	19159.7
25°	11799.0	12876.9	14034.0	15161.1	16202.9	17423.9	18650.0	19719.5	20765.2	21589.4	22410.3
22.5°	13403.7	14707.2	16084.3	17503.2	18911.6	20249.2	21565.3	22888.9	24094.2	25227.1	26016.3
20°	15033.4	16480.8	18153.2	19862.7	21484.5	22994.3	24575.9	26249.6	27781.1	29094.0	30066.3
17.5°	16503.5	18319.1	20158.5	22034.2	23863.1	25729.1	27691.3	29659.8	31473.2	33010.8	34301.6
15°	17827.9	19885.0	22014.4	24130.6	26233.8	28382.3	30675.1	32796.0	34828.6	36592.0	38101.0
12.5°	19133.8	21331.0	23613.6	25986.4	28479.8	30806.0	33140.4	35427.4	37557.5	39607.3	41119.1
10°	20289.7	22662.1	25105.9	27648.5	30231.0	32754.6	35215.3	37599.3	39692.1	41627.6	43456.6
7.5°	21231.5	23775.8	26384.1	29058.3	31716.3	34271.7	36777.7	39160.2	41284.4	43267.9	45138.2
5°	22043.8	24742.3	27434.2	30099.3	32773.6	35424.2	37954.3	40303.5	42516.1	44577.2	46451.6
2.5°	22706.7	25520.5	28248.0	30872.8	33536.4	36249.5	38843.5	41113.0	43425.8	45522.2	47367.2
0°	23204.1	26044.5	28684.9	31333.1	34029.7	36773.2	39382.4	41605.6	43960.1	46200.5	47955.0
-2.5°	23476.2	26149.8	28777.9	31434.9	34212.7	37034.9	39640.4	42036.7	44377.7	46477.8	48109.0
-5°	23570.8	26200.8	28819.5	31524.4	34278.1	37055.9	39652.5	42055.2	44303.2	46267.6	47755.3
-7.5°	23507.3	26111.5	28703.9	31382.2	34118.6	36863.2	39418.1	41716.3	43881.2	45741.8	47161.4
-10°	23315.8	25837.7	28431.1	31065.3	33807.5	36517.1	39020.9	41094.3	43161.3	44906.9	46249.3
-12.5°	22999.4	25414.0	27971.6	30547.4	33237.9	35842.5	38175.7	40240.2	42087.1	43855.2	45030.1
-15°	22550.3	24878.3	27323.6	29845.9	32394.9	34914.6	37189.5	39184.9	40896.0	42290.8	43528.1
-17.5°	21987.2	24233.4	26576.5	28993.6	31360.5	33757.8	35866.1	37865.7	39511.6	40753.2	41713.4
-20°	21294.0	23473.9	25714.6	28022.3	30221.5	32260.3	34292.7	36152.1	37779.0	38993.0	39915.8



REPORT NUMBER: P1306276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	20562.3	22618.9	24741.8	26822.6	28825.3	30741.9	32582.6	34289.1	35836.1	36984.0	37867.1
-25°	19729.8	21653.2	23616.0	25495.2	27324.2	29108.7	30777.1	32358.4	33708.8	34825.5	35645.4
-27.5°	18818.0	20608.9	22380.5	24128.2	25825.3	27367.8	28903.0	30330.4	31518.0	32545.0	33271.1
-30°	17821.7	19459.5	21119.8	22758.1	24226.2	25615.8	26979.7	28218.8	29307.3	30209.1	30860.3
-32.5°	16770.9	18267.2	19807.3	21288.6	22575.9	23829.7	25019.0	26105.2	27103.4	27900.1	28487.4
-35°	15684.5	17070.8	18453.8	19734.6	20934.5	22049.7	23074.5	24037.3	24864.2	25590.5	26166.3
-37.5°	14615.9	15864.6	17064.8	18183.2	19291.8	20314.6	21209.8	22054.5	22806.2	23412.0	23916.8
-40°	13567.9	14673.1	15695.0	16690.5	17681.1	18546.9	19359.8	20088.3	20753.6	21332.3	21780.8
-42.5°	12526.2	13477.9	14359.9	15255.8	16112.3	16863.1	17570.9	18202.0	18779.4	19298.0	19732.8
-45°	11480.6	12294.6	13079.6	13867.2	14578.4	15247.1	15862.3	16416.9	16932.7	17369.4	17725.9
-47.5°	10412.7	11134.8	11847.9	12530.3	13120.4	13698.2	14227.8	14725.9	15190.8	15583.5	15898.5
-50°	9393.0	10031.2	10669.8	11234.0	11730.0	12211.2	12659.4	13140.4	13570.6	13928.4	14188.7
-52.5°	8435.7	9012.9	9561.7	10023.7	10443.1	10818.8	11163.1	11609.9	12014.8	12366.2	12597.0
-55°	7563.9	8057.8	8528.4	8910.1	9260.3	9573.7	9886.1	10245.2	10572.1	10864.5	11057.4
-57.5°	6743.3	7162.0	7553.4	7874.8	8166.9	8428.9	8719.1	9019.2	9287.3	9518.1	9673.4
-60°	5965.2	6321.6	6646.3	6910.7	7153.4	7374.0	7650.1	7912.1	8143.9	8332.1	8448.0
-62.5°	5231.3	5550.9	5803.4	6016.0	6209.9	6395.7	6637.0	6863.4	7072.4	7239.3	7336.4
-65°	4559.4	4839.2	5026.9	5195.1	5348.0	5515.3	5720.5	5904.6	6067.9	6191.9	6276.3
-67.5°	3946.8	4168.2	4316.1	4449.8	4580.7	4724.0	4898.2	5058.9	5205.8	5308.0	5371.1
-70°	3376.1	3546.8	3666.8	3780.5	3889.8	4012.6	4155.2	4288.1	4410.7	4490.0	4540.4
-72.5°	2843.8	2973.9	3073.0	3170.8	3259.0	3364.3	3480.6	3589.6	3690.8	3750.4	3788.7
-75°	2347.1	2446.9	2528.0	2603.1	2672.0	2760.6	2854.8	2943.3	3025.6	3071.1	3100.5
-77.5°	1886.5	1962.9	2024.0	2080.0	2130.7	2201.0	2273.5	2341.6	2405.1	2445.6	2478.1
-80°	1496.5	1542.6	1580.2	1615.2	1647.5	1700.0	1753.2	1803.3	1850.3	1876.7	1897.7
-82.5°	1149.5	1177.5	1199.9	1219.5	1236.4	1272.9	1309.4	1344.0	1376.5	1393.6	1408.1
-85°	866.5	881.6	894.2	905.5	915.5	940.9	966.1	990.4	1013.7	1018.7	1022.2
-87.5°	671.8	680.0	687.8	695.3	702.6	721.4	740.2	758.8	777.3	780.5	783.5
-90°	7.8	7.4	7.0	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.9



REPORT NUMBER: P1306276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-7F-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	680.8	684.3	682.0	679.6	682.0	684.3	680.8	677.3	673.8	670.3	654.7
87.5°	34.9	34.3	34.4	34.4	34.4	34.3	34.9	35.5	36.0	36.4	32.6
85°	66.3	62.3	59.3	56.2	59.3	62.3	66.3	70.1	73.6	76.7	72.2
82.5°	120.1	121.2	120.9	120.3	120.9	121.2	120.1	118.8	117.5	116.0	111.6
80°	157.5	161.8	163.1	164.0	163.1	161.8	157.5	153.1	148.7	144.3	140.1
77.5°	152.1	154.7	155.5	156.2	155.5	154.7	152.1	149.4	146.8	144.5	144.4
75°	123.3	124.0	123.6	123.4	123.6	124.0	123.3	122.8	122.5	123.2	127.3
72.5°	91.1	90.0	89.3	89.1	89.3	90.0	91.1	92.5	94.1	96.8	102.4
70°	66.7	65.0	63.6	62.5	63.6	65.0	66.7	68.8	71.1	74.4	79.4
67.5°	47.8	46.1	44.7	43.7	44.7	46.1	47.8	49.8	52.2	55.4	59.9
65°	35.9	34.9	33.8	32.8	33.8	34.9	35.9	37.2	38.8	41.7	45.7
62.5°	26.5	25.5	25.1	25.0	25.1	25.5	26.5	27.7	29.1	32.2	36.3
60°	20.5	19.3	18.8	18.7	18.8	19.3	20.5	21.8	23.2	27.0	31.1
57.5°	30.7	26.3	23.7	21.9	23.7	26.3	30.7	34.0	35.8	52.0	58.1
55°	309.8	310.8	317.0	323.4	317.0	310.8	309.8	295.8	269.3	267.8	239.3
52.5°	844.0	841.2	833.6	818.7	833.6	841.2	844.0	822.3	794.0	801.4	747.1
50°	1924.0	1896.8	1837.9	1754.5	1837.9	1896.8	1924.0	1889.2	1831.2	1779.7	1645.1
47.5°	3798.2	3955.3	4064.0	4112.1	4064.0	3955.3	3798.2	3588.2	3432.2	3303.0	3113.9
45°	5549.4	5642.6	5697.0	5740.1	5697.0	5642.6	5549.4	5367.0	5191.7	5026.6	4841.3
42.5°	7283.3	7431.0	7503.8	7491.5	7503.8	7431.0	7283.3	7067.4	6813.9	6538.9	6249.5
40°	8994.5	9303.7	9557.5	9739.7	9557.5	9303.7	8994.5	8649.7	8291.0	7930.2	7551.9
37.5°	10631.9	11092.3	11481.3	11763.0	11481.3	11092.3	10631.9	10144.5	9651.8	9114.5	8735.5
35°	12308.5	12714.6	12981.0	13097.2	12981.0	12714.6	12308.5	11786.5	11148.5	10411.4	10083.5
32.5°	14204.1	14429.7	14477.5	14598.7	14477.5	14429.7	14204.1	13762.2	13069.2	12364.2	11829.6
30°	16659.0	16893.5	16899.2	17051.6	16899.2	16893.5	16659.0	16211.7	15477.2	14821.2	14033.1
27.5°	19765.2	20160.1	20288.4	20423.1	20288.4	20160.1	19765.2	19159.7	18391.5	17676.2	16667.3
25°	23091.4	23459.5	23577.4	23532.2	23577.4	23459.5	23091.4	22410.3	21589.4	20765.2	19719.5
22.5°	26824.8	27302.0	27475.7	27388.1	27475.7	27302.0	26824.8	26016.3	25227.1	24094.2	22888.9
20°	31003.3	31692.1	32056.2	32220.5	32056.2	31692.1	31003.3	30066.3	29094.0	27781.1	26249.6
17.5°	35401.4	36416.5	36882.7	37020.1	36882.7	36416.5	35401.4	34301.6	33010.8	31473.2	29659.8
15°	39402.6	40288.9	40893.4	41204.1	40893.4	40288.9	39402.6	38101.0	36592.0	34828.6	32796.0
12.5°	42496.3	43626.0	44567.6	45072.5	44567.6	43626.0	42496.3	41119.1	39607.3	37557.5	35427.4
10°	45018.2	46158.8	47015.0	47430.1	47015.0	46158.8	45018.2	43456.6	41627.6	39692.1	37599.3
7.5°	46763.0	47823.1	48487.7	48759.6	48487.7	47823.1	46763.0	45138.2	43267.9	41284.4	39160.2
5°	47890.8	48904.3	49395.7	49572.1	49395.7	48904.3	47890.8	46451.6	44577.2	42516.1	40303.5
2.5°	48702.8	49504.8	49898.2	49923.6	49898.2	49504.8	48702.8	47367.2	45522.2	43425.8	41113.0
0°	49073.7	49795.5	50226.7	50218.9	50226.7	49795.5	49073.7	47955.0	46200.5	43960.1	41605.6
-2.5°	49091.6	49719.7	50026.1	49853.3	50026.1	49719.7	49091.6	48109.0	46477.8	44377.7	42036.7
-5°	48741.5	49356.1	49585.8	49533.0	49585.8	49356.1	48741.5	47755.3	46267.6	44303.2	42055.2
-7.5°	48112.9	48658.3	48892.7	48900.3	48892.7	48658.3	48112.9	47161.4	45741.8	43881.2	41716.3
-10°	47154.3	47610.0	47878.5	47801.9	47878.5	47610.0	47154.3	46249.3	44906.9	43161.3	41094.3
-12.5°	45886.2	46336.0	46563.7	46517.7	46563.7	46336.0	45886.2	45030.1	43855.2	42087.1	40240.2
-15°	44369.4	44796.8	45010.2	44989.7	45010.2	44796.8	44369.4	43528.1	42290.8	40896.0	39184.9
-17.5°	42491.3	42919.9	43138.3	43168.0	43138.3	42919.9	42491.3	41713.4	40753.2	39511.6	37865.7
-20°	40523.2	40901.1	41101.2	41104.1	41101.2	40901.1	40523.2	39915.8	38993.0	37779.0	36152.1



REPORT NUMBER: P1306276 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	38483.1	38907.4	39144.9	39109.0	39144.9	38907.4	38483.1	37867.1	36984.0	35836.1	34289.1
-25°	36209.1	36634.4	36865.2	36856.0	36865.2	36634.4	36209.1	35645.4	34825.5	33708.8	32358.4
-27.5°	33781.5	34190.2	34413.0	34440.6	34413.0	34190.2	33781.5	33271.1	32545.0	31518.0	30330.4
-30°	31336.2	31739.1	31957.3	31975.2	31957.3	31739.1	31336.2	30860.3	30209.1	29307.3	28218.8
-32.5°	28940.0	29303.9	29505.5	29527.0	29505.5	29303.9	28940.0	28487.4	27900.1	27103.4	26105.2
-35°	26602.4	26922.0	27102.9	27161.6	27102.9	26922.0	26602.4	26166.3	25590.5	24864.2	24037.3
-37.5°	24327.1	24616.2	24790.8	24897.7	24790.8	24616.2	24327.1	23916.8	23412.0	22806.2	22054.5
-40°	22129.5	22382.8	22522.0	22524.5	22522.0	22382.8	22129.5	21780.8	21332.3	20753.6	20088.3
-42.5°	20054.9	20268.1	20374.6	20376.3	20374.6	20268.1	20054.9	19732.8	19298.0	18779.4	18202.0
-45°	18013.0	18221.5	18369.1	18462.4	18369.1	18221.5	18013.0	17725.9	17369.4	16932.7	16416.9
-47.5°	16138.8	16309.7	16426.9	16490.7	16426.9	16309.7	16138.8	15898.5	15583.5	15190.8	14725.9
-50°	14379.4	14516.1	14616.0	14675.2	14616.0	14516.1	14379.4	14188.7	13928.4	13570.6	13140.4
-52.5°	12753.6	12853.4	12889.2	12866.0	12889.2	12853.4	12753.6	12597.0	12366.2	12014.8	11609.9
-55°	11201.9	11301.4	11341.1	11327.1	11341.1	11301.4	11201.9	11057.4	10864.5	10572.1	10245.2
-57.5°	9795.6	9883.7	9954.3	9997.5	9954.3	9883.7	9795.6	9673.4	9518.1	9287.3	9019.2
-60°	8539.4	8604.6	8648.9	8666.4	8648.9	8604.6	8539.4	8448.0	8332.1	8143.9	7912.1
-62.5°	7404.6	7445.2	7476.7	7489.9	7476.7	7445.2	7404.6	7336.4	7239.3	7072.4	6863.4
-65°	6343.7	6393.2	6387.2	6352.5	6387.2	6393.2	6343.7	6276.3	6191.9	6067.9	5904.6
-67.5°	5418.8	5451.0	5478.7	5493.3	5478.7	5451.0	5418.8	5371.1	5308.0	5205.8	5058.9
-70°	4578.8	4605.3	4615.1	4612.1	4615.1	4605.3	4578.8	4540.4	4490.0	4410.7	4288.1
-72.5°	3817.6	3836.9	3840.7	3834.0	3840.7	3836.9	3817.6	3788.7	3750.4	3690.8	3589.6
-75°	3121.5	3134.3	3140.7	3140.3	3140.7	3134.3	3121.5	3100.5	3071.1	3025.6	2943.3
-77.5°	2505.2	2526.8	2517.6	2501.3	2517.6	2526.8	2505.2	2478.1	2445.6	2405.1	2341.6
-80°	1914.8	1928.0	1920.8	1909.2	1920.8	1928.0	1914.8	1897.7	1876.7	1850.3	1803.3
-82.5°	1420.6	1431.0	1419.2	1404.6	1419.2	1431.0	1420.6	1408.1	1393.6	1376.5	1344.0
-85°	1024.7	1026.2	1025.2	1023.3	1025.2	1026.2	1024.7	1022.2	1018.7	1013.7	990.4
-87.5°	786.1	788.6	786.6	784.3	786.6	788.6	786.1	783.5	780.5	777.3	758.8
-90°	3.5	3.1	3.9	4.7	3.9	3.1	3.5	3.9	4.3	4.7	5.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	639.1	623.4	607.8	601.2	594.5	587.9	581.2	560.1	539.0	517.9	496.8
87.5°	28.9	25.3	21.8	21.9	21.9	21.9	21.9	20.3	18.7	17.3	16.0
85°	67.4	62.6	57.7	58.0	58.0	57.6	56.8	52.4	47.9	43.4	38.8
82.5°	107.0	102.1	97.1	95.3	93.7	92.2	90.5	86.0	81.3	76.4	71.2
80°	135.8	131.3	127.0	125.7	123.9	121.6	118.5	113.5	108.1	102.3	96.1
77.5°	143.9	142.9	142.3	144.6	146.0	146.5	145.5	141.6	136.1	130.0	122.3
75°	131.2	134.9	140.0	148.3	155.8	162.2	164.4	163.0	160.2	156.0	148.4
72.5°	108.3	114.4	123.3	136.2	149.3	159.9	168.5	174.8	178.5	179.4	173.5
70°	84.9	91.0	101.2	114.9	128.9	143.1	159.5	175.5	189.5	196.6	193.1
67.5°	64.8	70.1	80.6	94.0	108.5	123.4	143.7	164.6	183.0	198.5	204.7
65°	49.7	53.7	64.1	77.7	91.6	106.0	127.6	149.3	171.4	192.7	206.9
62.5°	40.4	44.6	56.6	68.9	81.1	96.0	118.6	141.4	162.3	183.1	204.9
60°	34.9	40.1	54.0	66.7	78.0	96.1	121.8	143.3	160.5	189.1	212.4
57.5°	49.9	48.0	68.5	81.3	85.8	112.9	140.9	158.3	176.0	213.6	233.3
55°	180.8	193.6	205.5	176.7	136.5	208.5	215.5	199.8	232.4	262.0	289.6
52.5°	642.5	648.9	600.7	481.9	460.0	478.8	428.3	408.7	387.7	420.7	403.3
50°	1524.0	1490.6	1352.4	1153.1	1132.6	1005.2	901.7	789.8	791.0	743.2	638.6
47.5°	2939.5	2744.8	2493.4	2264.0	2125.3	2002.4	1759.9	1441.6	1420.9	1245.8	1087.5
45°	4560.6	4252.5	3924.5	3574.3	3252.1	3038.0	2866.7	2545.5	2235.8	2026.8	1666.4
42.5°	5978.9	5725.5	5388.8	4890.6	4410.0	4050.9	3777.3	3512.2	3192.3	2889.1	2530.6
40°	7184.7	6837.8	6512.8	6141.1	5596.5	5026.8	4709.7	4361.9	4034.3	3692.0	3329.0
37.5°	8328.7	7853.2	7545.8	7152.5	6676.5	6177.6	5709.0	5284.5	4826.4	4442.5	4029.7
35°	9571.2	9073.6	8694.4	8254.7	7710.2	7281.6	6772.3	6242.0	5727.0	5200.8	4729.7
32.5°	11126.9	10642.7	10058.0	9512.3	8995.2	8423.7	7830.1	7205.6	6659.1	6045.6	5446.9
30°	13205.5	12526.2	11770.3	11026.9	10459.5	9746.2	8932.4	8303.2	7647.6	6921.4	6186.3
27.5°	15791.9	14710.5	13766.6	12972.5	12098.1	11228.1	10323.3	9464.5	8686.3	7853.8	6998.0
25°	18650.0	17423.9	16202.9	15161.1	14034.0	12876.9	11799.0	10763.8	9793.1	8817.7	7767.5
22.5°	21565.3	20249.2	18911.6	17503.2	16084.3	14707.2	13403.7	12080.9	10901.3	9748.2	8587.6
20°	24575.9	22994.3	21484.5	19862.7	18153.2	16480.8	15033.4	13471.2	12032.3	10692.3	9401.2
17.5°	27691.3	25729.1	23863.1	22034.2	20158.5	18319.1	16503.5	14779.7	13152.1	11619.4	10188.8
15°	30675.1	28382.3	26233.8	24130.6	22014.4	19885.0	17827.9	15964.2	14255.0	12562.9	10963.0
12.5°	33140.4	30806.0	28479.8	25986.4	23613.6	21331.0	19133.8	17102.0	15239.0	13368.7	11616.2
10°	35215.3	32754.6	30231.0	27648.5	25105.9	22662.1	20289.7	18027.2	15949.3	14022.3	12200.2
7.5°	36777.7	34271.7	31716.3	29058.3	26384.1	23775.8	21231.5	18815.5	16581.7	14574.8	12711.9
5°	37954.3	35424.2	32773.6	30099.3	27434.2	24742.3	22043.8	19496.0	17125.8	15027.5	13148.2
2.5°	38843.5	36249.5	33536.4	30872.8	28248.0	25520.5	22706.7	20049.1	17634.0	15434.9	13434.5
0°	39382.4	36773.2	34029.7	31333.1	28684.9	26044.5	23204.1	20457.5	18064.0	15765.8	13642.5
-2.5°	39640.4	37034.9	34212.7	31434.9	28777.9	26149.8	23476.2	20809.7	18335.3	16079.6	13932.1
-5°	39652.5	37055.9	34278.1	31524.4	28819.5	26200.8	23570.8	20991.5	18518.0	16285.1	14133.5
-7.5°	39418.1	36863.2	34118.6	31382.2	28703.9	26111.5	23507.3	21019.9	18627.0	16362.0	14233.7
-10°	39020.9	36517.1	33807.5	31065.3	28431.1	25837.7	23315.8	20942.0	18601.3	16339.0	14248.4
-12.5°	38175.7	35842.5	33237.9	30547.4	27971.6	25414.0	22999.4	20743.5	18436.0	16218.5	14178.8
-15°	37189.5	34914.6	32394.9	29845.9	27323.6	24878.3	22550.3	20341.8	18099.3	15994.9	14026.8
-17.5°	35866.1	33757.8	31360.5	28993.6	26576.5	24233.4	21987.2	19831.5	17710.5	15673.7	13745.6
-20°	34292.7	32260.3	30221.5	28022.3	25714.6	23473.9	21294.0	19259.7	17246.6	15264.5	13412.4



REPORT NUMBER: P1306276 (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°	32582.6	30741.9	28825.3	26822.6	24741.8	22618.9	20562.3	18611.5	16692.9	14743.1	13011.5
-25°	30777.1	29108.7	27324.2	25495.2	23616.0	21653.2	19729.8	17869.0	16011.9	14187.0	12552.7
-27.5°	28903.0	27367.8	25825.3	24128.2	22380.5	20608.9	18818.0	17042.3	15261.6	13620.8	12073.3
-30°	26979.7	25615.8	24226.2	22758.1	21119.8	19459.5	17821.7	16175.7	14543.6	12996.6	11530.7
-32.5°	25019.0	23829.7	22575.9	21288.6	19807.3	18267.2	16770.9	15293.3	13780.7	12348.9	10996.5
-35°	23074.5	22049.7	20934.5	19734.6	18453.8	17070.8	15684.5	14339.5	13009.0	11663.6	10419.7
-37.5°	21209.8	20314.6	19291.8	18183.2	17064.8	15864.6	14615.9	13390.7	12168.8	10979.2	9813.6
-40°	19359.8	18546.9	17681.1	16690.5	15695.0	14673.1	13567.9	12433.3	11338.0	10264.9	9181.3
-42.5°	17570.9	16863.1	16112.3	15255.8	14359.9	13477.9	12526.2	11501.4	10490.1	9515.5	8570.9
-45°	15862.3	15247.1	14578.4	13867.2	13079.6	12294.6	11480.6	10561.2	9640.6	8779.3	7929.0
-47.5°	14227.8	13698.2	13120.4	12530.3	11847.9	11134.8	10412.7	9615.2	8828.3	8038.6	7302.1
-50°	12659.4	12211.2	11730.0	11234.0	10669.8	10031.2	9393.0	8739.9	8030.6	7346.8	6673.3
-52.5°	11163.1	10818.8	10443.1	10023.7	9561.7	9012.9	8435.7	7882.9	7275.0	6673.0	6074.5
-55°	9886.1	9573.7	9260.3	8910.1	8528.4	8057.8	7563.9	7069.2	6569.7	6018.8	5500.1
-57.5°	8719.1	8428.9	8166.9	7874.8	7553.4	7162.0	6743.3	6308.4	5880.4	5405.4	4933.3
-60°	7650.1	7374.0	7153.4	6910.7	6646.3	6321.6	5965.2	5590.9	5199.2	4810.3	4410.9
-62.5°	6637.0	6395.7	6209.9	6016.0	5803.4	5550.9	5231.3	4914.2	4583.1	4238.0	3912.6
-65°	5720.5	5515.3	5348.0	5195.1	5026.9	4839.2	4559.4	4283.0	4008.7	3726.3	3435.6
-67.5°	4898.2	4724.0	4580.7	4449.8	4316.1	4168.2	3946.8	3705.8	3473.2	3242.4	2997.0
-70°	4155.2	4012.6	3889.8	3780.5	3666.8	3546.8	3376.1	3179.2	2978.0	2781.3	2576.2
-72.5°	3480.6	3364.3	3259.0	3170.8	3073.0	2973.9	2843.8	2682.0	2515.2	2343.6	2172.1
-75°	2854.8	2760.6	2672.0	2603.1	2528.0	2446.9	2347.1	2215.5	2082.1	1947.5	1810.3
-77.5°	2273.5	2201.0	2130.7	2080.0	2024.0	1962.9	1886.5	1782.1	1684.0	1583.9	1481.6
-80°	1753.2	1700.0	1647.5	1615.2	1580.2	1542.6	1496.5	1416.5	1334.7	1255.4	1179.7
-82.5°	1309.4	1272.9	1236.4	1219.5	1199.9	1177.5	1149.5	1091.5	1032.7	973.1	913.2
-85°	966.1	940.9	915.5	905.5	894.2	881.6	866.5	828.5	789.8	750.5	710.7
-87.5°	740.2	721.4	702.6	695.3	687.8	680.0	671.8	646.3	620.7	595.1	569.5
-90°	5.5	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	474.2	451.5	428.9	406.2	383.2	360.1	337.1	314.0	287.9	261.7	235.6
87.5°	17.2	18.2	19.1	19.9	19.5	19.1	18.7	18.2	18.9	19.5	19.7
85°	36.3	34.3	32.6	31.4	29.6	27.3	26.4	25.5	26.6	27.2	27.4
82.5°	65.9	60.1	54.7	50.4	49.0	46.9	44.0	40.4	38.3	35.7	35.1
80°	88.3	80.8	73.7	68.0	67.2	66.6	63.6	59.7	56.5	52.6	47.9
77.5°	112.0	101.7	91.4	84.0	81.7	79.6	77.9	77.1	74.7	69.5	63.3
75°	136.7	124.7	112.7	104.4	99.8	92.3	89.1	89.5	92.0	86.7	78.7
72.5°	162.2	149.5	135.3	127.3	124.8	118.2	107.4	103.3	110.0	107.7	96.0
70°	185.0	174.6	160.8	157.3	154.2	145.5	135.5	132.7	129.7	129.5	119.3
67.5°	205.9	196.6	184.6	189.5	189.1	181.2	165.8	167.3	166.2	152.9	143.3
65°	212.5	213.1	210.4	223.6	226.5	219.5	204.8	207.1	204.3	191.2	168.1
62.5°	219.1	225.1	235.5	259.8	267.2	261.6	248.5	257.0	246.5	230.6	202.5
60°	226.6	237.9	266.7	297.2	310.5	306.9	304.0	310.0	299.7	271.4	241.3
57.5°	251.4	256.5	307.9	343.0	357.9	356.2	366.3	372.0	355.5	322.8	281.6
55°	292.2	311.7	369.2	401.4	415.0	410.6	438.0	441.3	416.1	378.4	324.7
52.5°	372.2	416.9	466.5	483.9	486.1	486.9	524.2	515.8	488.1	435.7	378.9
50°	551.8	591.1	617.3	607.0	574.5	602.4	621.0	609.5	563.9	498.4	435.6
47.5°	930.7	914.5	847.0	773.4	714.4	738.6	749.6	713.0	643.7	571.5	493.5
45°	1514.3	1379.5	1197.9	1040.2	915.1	928.9	901.0	824.8	746.5	650.6	552.6
42.5°	2149.0	1945.6	1714.5	1342.5	1224.2	1150.3	1069.1	975.1	855.6	732.3	619.4
40°	2894.0	2543.9	2276.5	1875.4	1553.8	1392.2	1285.3	1142.3	969.9	821.2	692.1
37.5°	3598.3	3169.6	2834.6	2378.1	1917.2	1698.3	1519.9	1321.2	1092.1	920.6	765.8
35°	4249.2	3777.4	3310.8	2831.8	2350.1	2005.5	1767.8	1520.9	1234.5	1019.1	840.2
32.5°	4885.9	4337.8	3795.7	3259.5	2748.0	2313.0	2037.6	1696.7	1371.1	1116.5	915.2
30°	5540.7	4901.1	4278.4	3673.3	3118.6	2655.6	2281.1	1861.5	1501.6	1212.5	991.9
27.5°	6198.0	5456.9	4762.6	4099.6	3486.5	2969.4	2467.1	2015.1	1625.9	1312.8	1071.9
25°	6871.9	6042.9	5262.2	4525.7	3839.2	3210.8	2645.5	2158.2	1752.8	1418.6	1149.7
22.5°	7556.9	6637.1	5748.6	4941.0	4132.2	3454.1	2832.4	2308.6	1875.3	1518.6	1225.2
20°	8201.6	7222.5	6203.7	5274.3	4421.4	3705.9	3031.3	2450.4	1988.1	1612.7	1298.0
17.5°	8823.2	7749.0	6607.9	5600.6	4701.6	3937.3	3225.1	2583.3	2091.4	1700.8	1367.8
15°	9466.6	8210.4	6999.0	5900.7	4957.3	4148.1	3411.9	2706.4	2185.2	1782.8	1426.5
12.5°	10042.5	8658.6	7364.1	6173.1	5187.8	4338.5	3589.5	2819.4	2269.7	1855.1	1472.3
10°	10555.1	9086.1	7699.0	6416.4	5392.5	4508.5	3755.5	2934.5	2368.9	1920.0	1514.8
7.5°	11003.7	9484.4	7999.2	6629.5	5573.1	4649.6	3881.3	3065.6	2467.3	1980.1	1553.6
5°	11372.7	9814.0	8287.6	6875.4	5740.1	4764.3	3977.7	3185.6	2560.0	2034.8	1588.1
2.5°	11613.4	10038.6	8545.9	7103.9	5883.2	4861.1	4050.9	3293.6	2645.3	2083.3	1617.7
0°	11791.1	10203.8	8755.5	7299.3	5999.5	4938.6	4104.3	3388.8	2721.6	2124.8	1642.0
-2.5°	12020.0	10365.6	8886.3	7454.2	6162.1	5075.9	4195.1	3449.0	2775.1	2176.6	1682.3
-5°	12177.8	10471.5	8971.4	7570.6	6293.5	5188.9	4267.7	3495.4	2818.0	2220.4	1716.4
-7.5°	12288.0	10557.0	9028.3	7647.9	6392.2	5274.4	4320.3	3527.9	2850.3	2255.7	1743.9
-10°	12330.3	10603.1	9059.0	7670.8	6423.3	5314.8	4351.4	3546.3	2872.2	2282.3	1764.5
-12.5°	12296.8	10581.1	9035.4	7652.2	6413.7	5313.9	4363.1	3560.8	2884.6	2299.8	1777.8
-15°	12186.7	10488.4	8955.9	7591.4	6369.1	5286.7	4355.4	3564.3	2889.6	2305.8	1783.7
-17.5°	11990.6	10323.0	8819.1	7488.3	6288.9	5233.0	4328.1	3551.1	2882.1	2299.1	1779.5
-20°	11713.5	10105.8	8632.3	7342.7	6172.9	5152.8	4281.3	3520.8	2861.5	2282.3	1766.4



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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°	11382.6	9859.0	8453.1	7178.7	6037.3	5046.3	4215.1	3473.1	2827.7	2255.1	1746.3
-25°	10995.3	9569.8	8226.6	7000.0	5895.5	4952.2	4139.1	3407.8	2780.5	2217.3	1719.1
-27.5°	10611.3	9248.5	7948.7	6785.8	5744.4	4837.9	4052.3	3343.8	2723.4	2168.8	1684.9
-30°	10209.1	8898.6	7667.1	6551.3	5563.4	4708.0	3945.1	3264.6	2660.4	2117.9	1643.7
-32.5°	9739.7	8493.8	7360.7	6323.7	5382.9	4551.0	3817.9	3169.6	2584.5	2063.4	1604.4
-35°	9224.3	8086.4	7024.5	6064.4	5181.7	4391.7	3681.8	3058.8	2495.8	2001.0	1561.8
-37.5°	8676.4	7652.9	6709.5	5789.9	4946.7	4209.5	3544.9	2943.8	2394.4	1930.6	1513.4
-40°	8166.1	7207.1	6331.8	5499.1	4712.9	4004.8	3390.8	2822.7	2299.4	1852.6	1459.3
-42.5°	7621.0	6760.5	5946.0	5166.7	4465.2	3816.0	3222.9	2690.1	2205.3	1778.6	1399.5
-45°	7098.7	6295.6	5542.3	4853.5	4201.5	3609.8	3063.6	2549.9	2100.0	1703.6	1338.5
-47.5°	6554.9	5832.8	5151.0	4518.1	3953.0	3395.6	2892.4	2417.7	1983.6	1622.3	1277.3
-50°	6029.1	5374.0	4762.2	4200.0	3674.8	3194.6	2714.1	2272.3	1879.2	1531.4	1210.1
-52.5°	5498.9	4928.1	4384.8	3876.4	3416.6	2981.6	2535.3	2117.2	1765.7	1439.4	1137.1
-55°	4982.2	4499.0	4012.2	3566.4	3151.0	2756.3	2342.3	1977.6	1643.5	1343.5	1060.2
-57.5°	4500.1	4071.0	3656.6	3257.6	2878.1	2512.7	2159.6	1828.2	1522.4	1241.2	991.6
-60°	4024.2	3668.5	3301.5	2944.4	2597.4	2278.3	1979.6	1674.4	1396.7	1136.8	916.6
-62.5°	3586.8	3265.8	2949.6	2624.6	2330.2	2057.4	1792.9	1522.3	1264.2	1042.1	836.7
-65°	3160.4	2878.2	2592.5	2331.3	2076.2	1834.3	1608.7	1363.0	1143.6	942.7	758.7
-67.5°	2744.1	2509.4	2276.2	2042.5	1830.0	1622.9	1416.3	1215.6	1022.4	839.0	691.7
-70°	2367.2	2158.8	1967.4	1781.5	1594.0	1410.6	1244.3	1070.4	896.5	755.8	622.2
-72.5°	2008.1	1845.4	1684.3	1522.6	1372.4	1222.6	1073.4	927.4	796.3	670.5	550.3
-75°	1671.0	1545.0	1421.9	1295.7	1163.1	1032.9	921.0	809.5	693.8	582.6	489.7
-77.5°	1377.8	1274.1	1170.8	1074.8	974.2	876.6	782.2	688.6	594.9	511.4	432.2
-80°	1104.6	1029.4	954.2	878.0	796.5	717.9	651.6	584.9	511.1	440.5	373.2
-82.5°	854.6	803.4	753.9	703.2	648.1	593.4	539.4	485.5	425.6	368.1	323.9
-85°	671.9	632.5	592.6	552.1	509.7	467.7	436.8	405.4	368.2	331.4	294.9
-87.5°	544.3	519.0	493.5	467.8	441.0	414.2	387.2	360.0	328.3	296.8	265.4
-90°	9.8	10.2	10.5	10.9	10.9	10.9	10.9	10.9	11.3	11.7	12.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	209.4	173.5	137.5	101.6	65.6	38.3	10.9
87.5°	19.8	19.2	18.3	17.2	15.9	13.9	10.9
85°	27.1	25.9	24.2	22.0	19.3	16.1	10.9
82.5°	34.4	32.6	30.0	26.7	22.7	18.2	10.9
80°	42.5	39.3	35.8	31.4	26.2	20.4	10.9
77.5°	56.6	48.6	41.7	36.2	29.6	22.6	10.9
75°	70.9	63.1	48.9	40.9	33.0	24.7	10.9
72.5°	85.7	77.7	62.5	45.5	36.5	26.9	10.9
70°	102.0	92.5	76.1	51.5	40.0	29.0	10.9
67.5°	127.0	107.6	89.8	63.0	43.5	31.1	10.9
65°	152.6	127.4	103.6	74.5	47.1	33.2	10.9
62.5°	179.0	151.9	117.6	86.0	50.7	35.3	10.9
60°	206.1	176.8	131.6	97.4	54.3	37.3	10.9
57.5°	243.5	202.1	153.0	108.8	62.6	39.4	10.9
55°	282.8	227.8	174.8	120.2	70.8	41.4	10.9
52.5°	322.8	255.4	196.8	131.4	78.9	43.4	10.9
50°	363.5	290.4	218.7	142.6	86.9	45.3	10.9
47.5°	406.2	325.6	240.7	155.1	94.7	47.2	10.9
45°	457.4	361.0	262.6	171.7	102.4	49.1	10.9
42.5°	508.9	396.4	284.5	188.0	109.9	51.0	10.9
40°	560.6	431.9	309.3	204.1	117.1	52.7	10.9
37.5°	612.6	467.2	336.8	219.9	124.2	54.5	10.9
35°	664.5	506.7	363.9	235.0	131.0	56.2	10.9
32.5°	719.1	548.0	390.4	249.7	137.6	57.8	10.9
30°	779.9	588.5	416.3	263.7	144.0	59.4	10.9
27.5°	840.0	628.2	439.9	277.2	150.0	60.9	10.9
25°	899.1	666.9	462.2	289.9	155.8	62.3	10.9
22.5°	956.9	702.6	483.4	302.0	161.3	63.7	10.9
20°	1013.2	732.3	503.3	313.4	166.4	65.0	10.9
17.5°	1057.3	759.8	521.8	323.9	171.2	66.2	10.9
15°	1091.6	784.9	539.0	333.7	175.6	67.3	10.9
12.5°	1122.0	807.7	554.7	342.6	179.6	68.3	10.9
10°	1148.3	828.1	568.9	350.7	183.3	69.2	10.9
7.5°	1170.7	846.0	581.5	357.8	186.5	70.1	10.9
5°	1189.0	861.4	592.5	364.0	189.4	70.8	10.9
2.5°	1203.5	874.1	601.8	369.2	191.8	71.4	10.9
0°	1214.0	884.3	609.3	373.4	193.7	71.9	10.9
-2.5°	1243.2	900.8	619.3	379.0	196.7	73.3	10.9
-5°	1268.1	914.4	627.3	383.6	199.2	74.6	10.9
-7.5°	1288.4	925.1	633.4	387.1	201.2	75.8	10.9
-10°	1303.7	932.7	637.5	389.5	202.8	76.8	10.9
-12.5°	1313.6	937.1	639.4	390.7	203.8	77.7	10.9
-15°	1317.8	938.1	639.2	390.7	204.3	78.5	10.9
-17.5°	1316.1	935.7	636.7	389.5	204.4	79.1	10.9
-20°	1308.8	929.7	632.0	387.1	203.9	79.6	10.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1297.3	920.1	625.0	383.5	202.9	79.9	10.9
-25°	1280.7	910.7	615.7	378.7	201.4	80.1	10.9
-27.5°	1259.0	899.0	604.0	372.6	199.5	80.2	10.9
-30°	1232.3	883.4	590.4	365.3	197.0	80.1	10.9
-32.5°	1200.5	863.9	578.0	356.7	194.0	79.9	10.9
-35°	1170.9	840.4	563.1	346.9	190.5	79.5	10.9
-37.5°	1139.2	815.3	545.7	335.9	186.5	78.9	10.9
-40°	1102.4	791.0	525.8	323.7	182.0	78.3	10.9
-42.5°	1060.5	763.4	507.4	311.0	177.0	77.4	10.9
-45°	1013.6	732.6	490.7	298.5	171.6	76.5	10.9
-47.5°	961.8	698.5	472.2	284.7	165.7	75.4	10.9
-50°	914.8	661.2	451.7	275.0	159.4	74.1	10.9
-52.5°	865.4	620.9	429.4	265.9	152.7	72.7	10.9
-55°	812.1	587.8	405.2	255.8	145.5	71.2	10.9
-57.5°	755.1	554.1	379.3	244.8	137.9	69.5	10.9
-60°	696.4	518.1	352.3	232.9	130.0	67.8	10.9
-62.5°	648.5	480.0	333.6	220.0	125.9	65.9	10.9
-65°	597.8	439.7	313.5	206.3	121.5	63.8	10.9
-67.5°	544.6	404.1	292.2	191.9	116.9	61.7	10.9
-70°	489.1	373.4	269.8	176.6	112.0	59.5	10.9
-72.5°	445.0	341.1	246.3	167.2	106.8	57.1	10.9
-75°	401.0	307.5	221.9	158.8	101.5	54.7	10.9
-77.5°	355.4	272.7	207.0	150.1	95.9	52.1	10.9
-80°	308.4	248.8	193.9	141.0	90.2	49.5	10.9
-82.5°	282.4	230.7	180.4	131.5	84.2	46.8	10.9
-85°	258.6	212.1	166.5	121.8	78.2	44.0	10.9
-87.5°	234.2	193.0	152.1	111.8	71.9	41.2	10.9
-90°	12.5	12.5	12.5	12.5	12.5	11.7	10.9

(END OF REPORT)