

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQUARE, LAMBERTIAN WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

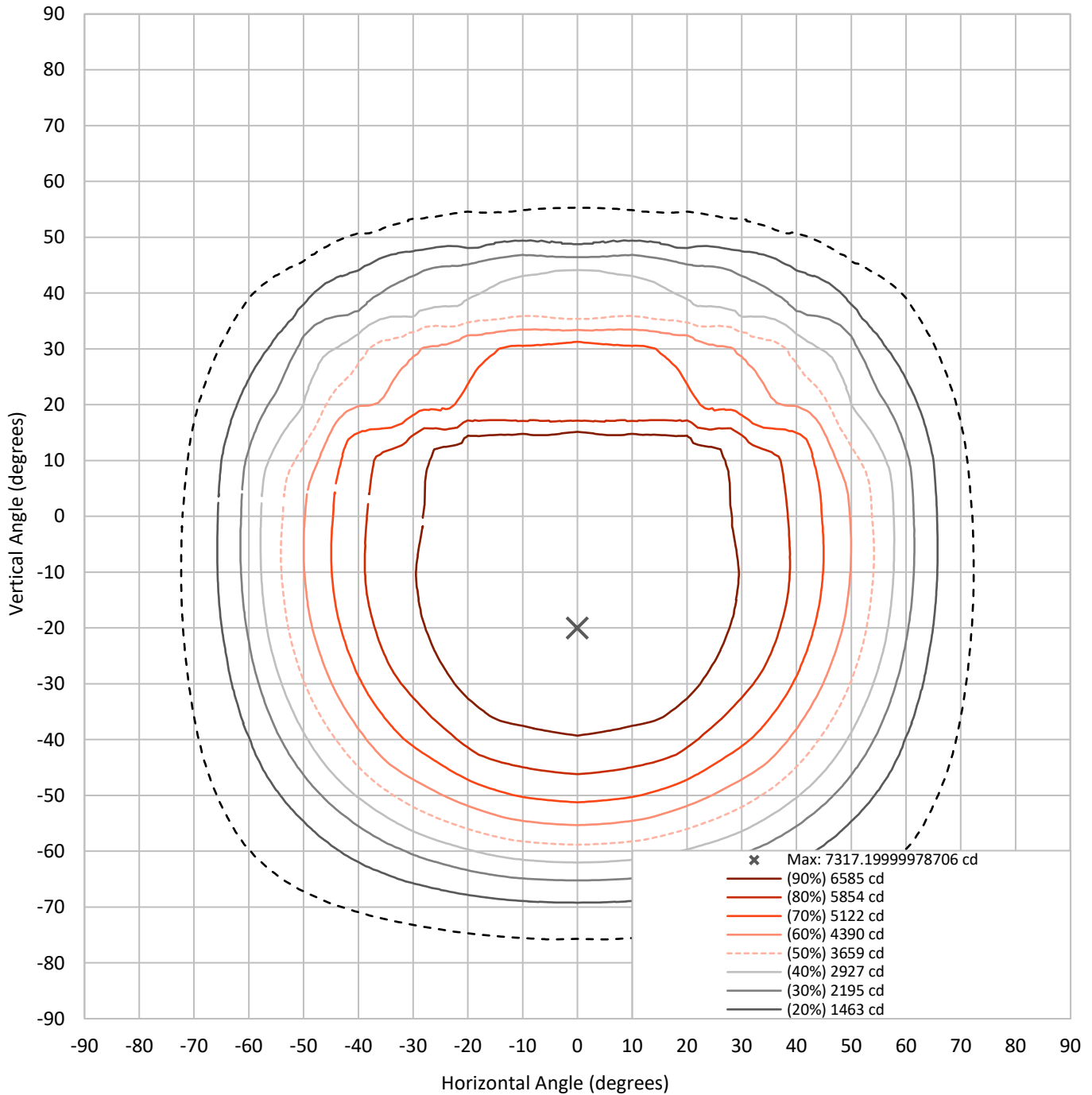
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	17157.4 lumens	Max Intensity:	7317.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	107.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	13412.6 lumens	Field Lumens:	16816.7 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	160.2		
Input Voltage (V):	120		
Input Current (A _{in}):	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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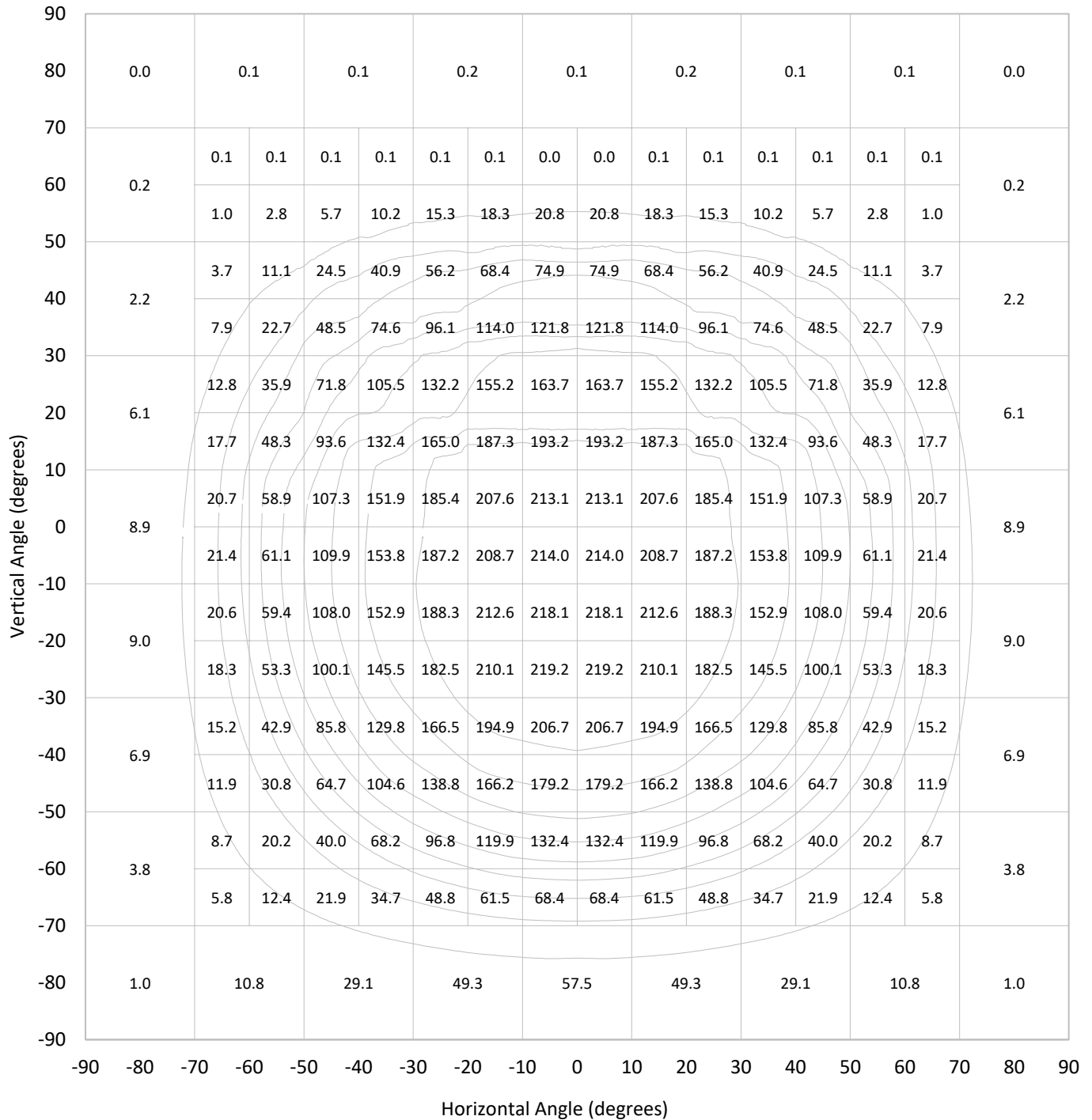
Iso-Candela Plot





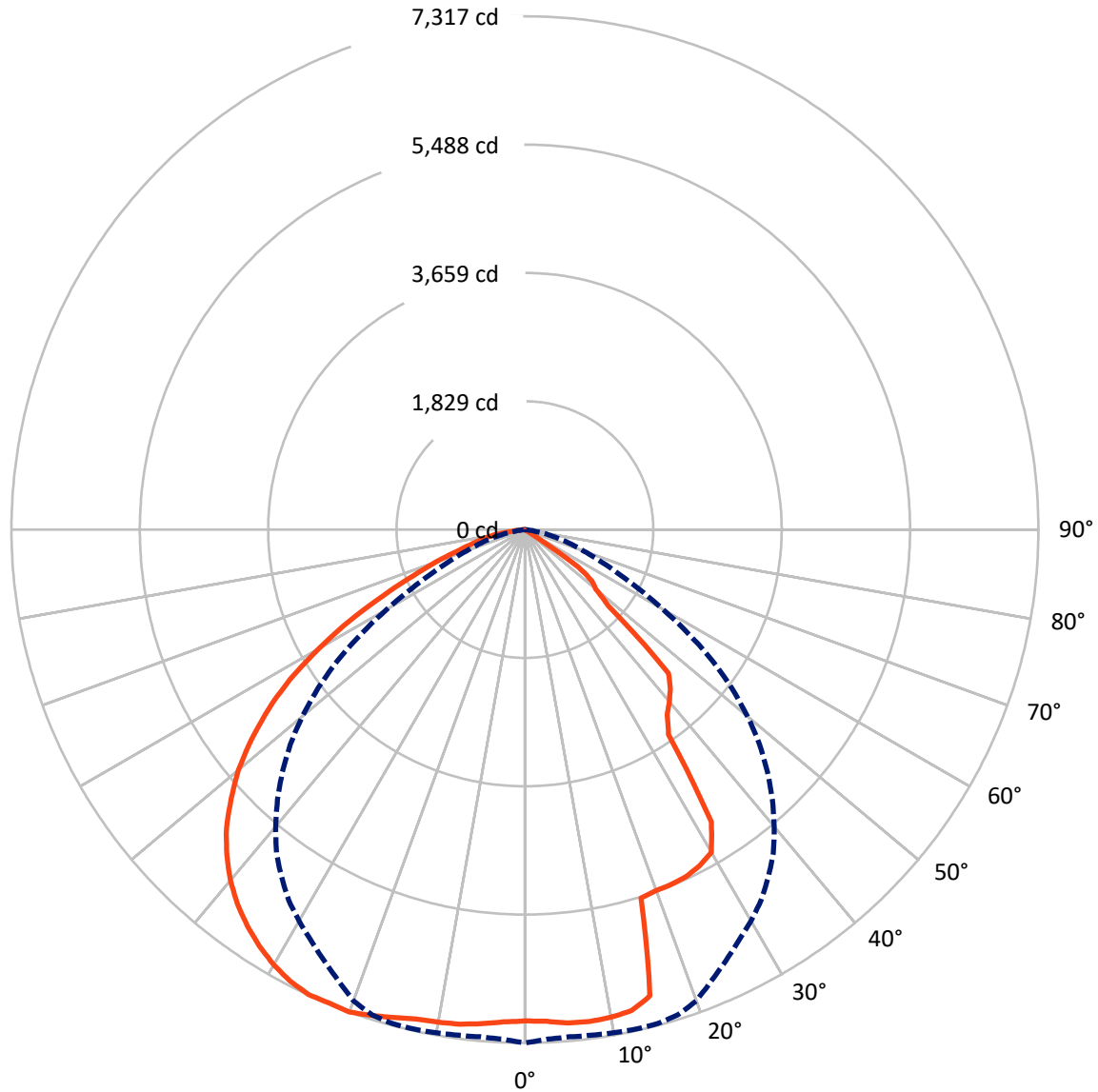
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Lumen Table



REPORT NUMBER: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

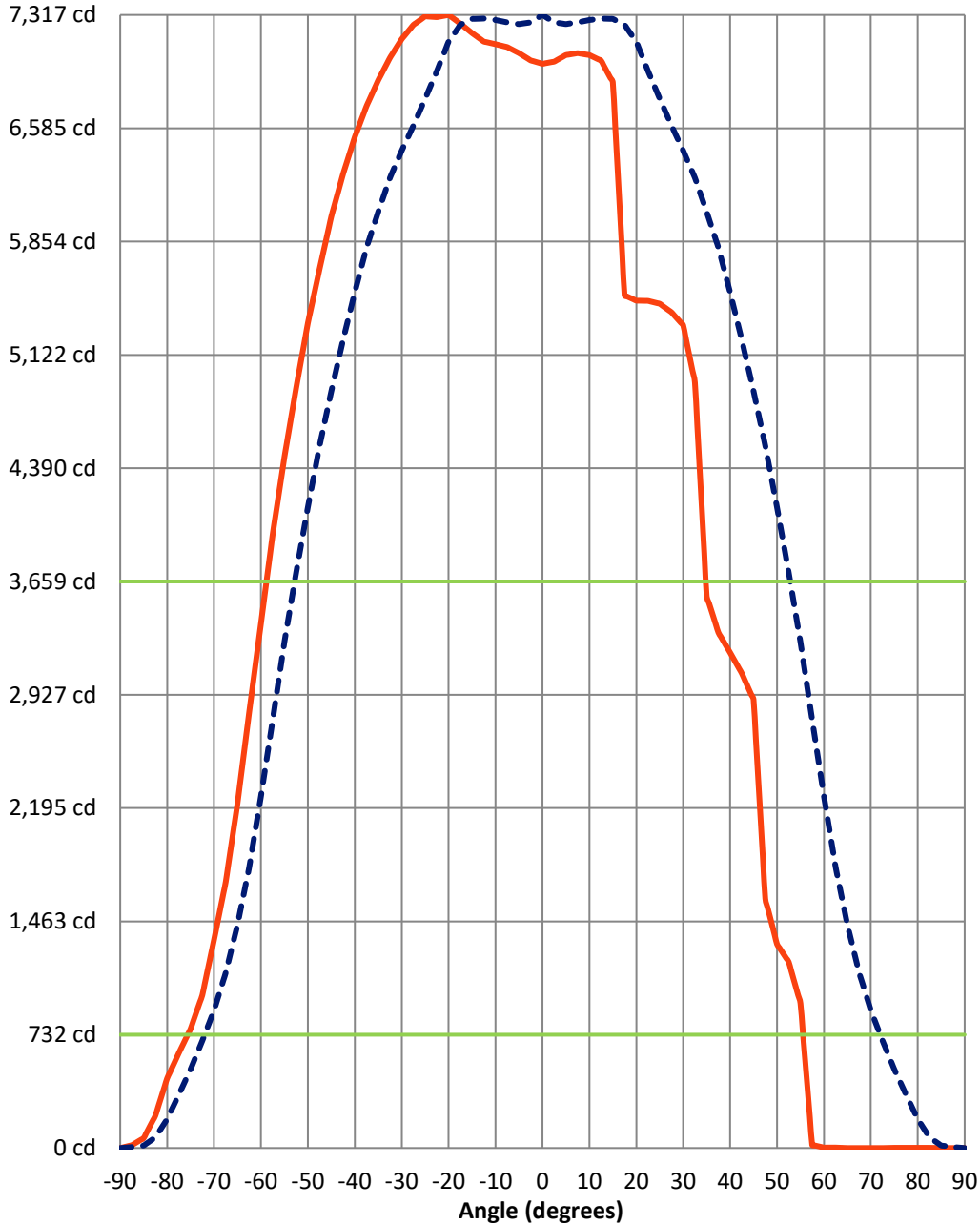


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 13412.6
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 16816.7
 Efficiency: 98.0%

Spill:
 Lumens: 340.7
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.7
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.6	1.6	1.5	1.4
82.5°	0.0	0.5	0.8	1.2	1.6	2.0	2.4	2.5	2.4	2.0	1.6
80°	0.0	0.7	1.1	1.6	2.1	2.7	3.1	2.8	2.4	2.0	1.7
77.5°	0.0	0.8	1.4	2.0	2.7	3.1	3.1	2.8	2.4	2.0	1.7
75°	0.0	1.0	1.6	2.4	3.1	3.2	3.1	2.8	2.4	2.1	1.7
72.5°	0.0	1.2	1.9	2.8	3.3	3.3	3.2	2.8	2.5	2.1	1.8
70°	0.0	1.3	2.2	3.1	3.4	3.5	3.3	2.9	2.5	2.2	2.5
67.5°	0.0	1.5	2.5	3.3	3.6	3.6	3.7	2.9	2.6	3.5	3.5
65°	0.0	1.7	2.7	3.4	3.7	4.1	4.2	3.0	4.1	4.9	6.1
62.5°	0.0	1.8	3.0	3.6	3.9	5.1	4.9	4.2	5.8	8.6	13.6
60°	0.0	2.0	3.3	3.8	4.1	6.3	5.8	5.9	7.5	21.7	23.6
57.5°	0.0	2.2	3.5	3.9	5.3	7.5	10.7	8.3	21.2	36.8	42.8
55°	0.0	2.3	3.7	4.1	6.6	8.9	17.0	13.5	39.4	56.9	69.3
52.5°	0.0	2.5	3.8	4.3	8.0	11.4	24.5	34.2	59.2	89.3	100.6
50°	0.0	2.6	4.0	4.5	9.4	19.4	33.0	57.8	84.6	125.3	157.1
47.5°	0.0	2.8	4.2	4.9	10.9	28.0	44.3	82.6	121.9	165.0	214.8
45°	0.0	2.9	4.4	6.1	12.5	37.3	66.9	108.4	163.6	215.0	270.8
42.5°	0.0	3.1	4.6	7.3	14.1	47.1	89.9	141.3	206.1	263.7	335.4
40°	0.0	3.2	4.8	8.8	19.0	57.5	113.5	178.6	249.8	311.5	404.6
37.5°	0.0	3.3	5.0	10.7	27.1	68.5	137.6	216.0	295.7	368.9	476.9
35°	0.0	3.5	5.2	12.8	35.4	85.1	162.0	253.4	342.3	439.4	562.3
32.5°	0.0	3.6	5.4	15.0	43.7	104.3	188.5	290.7	389.5	510.4	666.2
30°	0.0	3.7	5.6	17.5	52.2	123.4	218.8	328.3	437.0	581.5	765.8
27.5°	0.0	3.8	5.8	20.2	62.6	142.3	248.4	367.5	489.4	652.5	861.1
25°	0.0	4.0	6.0	22.9	73.3	160.9	277.4	406.3	548.4	730.1	951.9
22.5°	0.0	4.1	6.2	25.8	84.0	179.8	305.6	444.4	606.2	807.6	1043.8
20°	0.0	4.2	6.4	28.8	94.5	200.2	332.7	481.8	662.6	880.8	1133.5
17.5°	0.0	4.3	6.6	31.9	104.9	219.8	359.6	518.0	717.1	949.4	1220.4
15°	0.0	4.3	6.8	34.9	115.0	238.7	385.5	551.8	769.5	1013.4	1303.8
12.5°	0.0	4.4	7.0	38.0	124.8	256.8	409.6	581.8	811.3	1072.7	1383.2
10°	0.0	4.5	7.2	41.0	134.2	273.8	432.1	609.5	842.5	1108.3	1447.9
7.5°	0.0	4.6	7.3	43.9	143.0	289.7	452.7	634.7	869.0	1135.8	1485.6
5°	0.0	4.6	7.5	46.6	151.3	304.4	471.4	657.5	891.2	1158.0	1516.3
2.5°	0.0	4.7	7.7	49.2	158.8	317.7	488.2	677.6	909.1	1175.1	1539.8
0°	0.0	4.7	7.8	51.6	165.6	329.6	503.0	695.2	923.2	1187.2	1555.9
-2.5°	0.0	5.0	9.0	55.0	171.9	337.1	510.4	705.4	928.3	1202.5	1566.4
-5°	0.0	5.2	10.2	58.0	177.3	343.0	515.7	712.9	930.0	1212.5	1569.7
-7.5°	0.0	5.5	11.4	60.8	181.6	347.4	519.2	717.6	928.7	1216.6	1566.2
-10°	0.0	5.7	12.5	63.2	184.9	350.1	520.8	719.4	924.7	1214.2	1556.3
-12.5°	0.0	5.9	13.6	65.2	187.1	351.2	520.5	718.2	918.4	1204.4	1539.2
-15°	0.0	6.1	14.6	66.8	188.2	350.7	518.4	713.9	911.1	1185.3	1514.5
-17.5°	0.0	6.3	15.5	68.0	188.1	348.6	514.6	705.3	902.2	1161.4	1482.2
-20°	0.0	6.4	16.4	68.7	186.7	344.9	508.8	693.0	889.6	1133.0	1442.5

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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°	0.0	6.6	17.2	68.9	184.1	339.6	500.3	678.3	873.2	1100.2	1395.2
-25°	0.0	6.7	17.9	68.6	180.2	331.4	489.8	661.1	852.9	1063.3	1340.5
-27.5°	0.0	6.7	18.5	67.7	174.9	321.3	477.3	641.7	828.7	1027.5	1292.1
-30°	0.0	6.8	18.9	66.3	168.4	309.7	462.9	620.0	802.3	997.3	1240.3
-32.5°	0.0	6.8	19.3	64.4	160.7	296.7	446.6	599.9	774.2	962.4	1185.0
-35°	0.0	6.8	19.6	61.8	152.2	282.4	429.0	578.8	743.9	922.8	1126.3
-37.5°	0.0	6.7	19.7	58.7	142.8	268.0	410.0	555.4	711.4	878.5	1068.3
-40°	0.0	6.7	19.7	55.1	132.6	255.0	389.5	529.8	676.8	836.7	1011.1
-42.5°	0.0	6.6	19.6	51.1	124.9	241.1	367.7	502.2	643.5	792.6	949.4
-45°	0.0	6.4	19.4	47.1	119.6	226.3	344.4	473.5	609.3	745.5	885.6
-47.5°	0.0	6.3	19.0	42.5	113.3	210.6	319.9	444.8	572.7	696.1	830.3
-50°	0.0	6.1	18.6	41.0	106.2	194.0	299.3	414.7	532.2	650.8	772.4
-52.5°	0.0	5.9	18.0	40.2	98.1	176.7	278.8	383.3	493.5	604.1	713.0
-55°	0.0	5.6	17.3	38.9	89.1	163.6	257.4	351.5	454.7	556.2	660.4
-57.5°	0.0	5.4	16.4	37.3	79.3	150.3	235.3	326.2	414.5	510.2	606.5
-60°	0.0	5.1	15.5	35.2	68.9	135.8	212.8	298.2	374.3	463.8	552.7
-62.5°	0.0	4.7	14.6	32.7	64.0	120.1	192.2	267.8	337.1	416.1	500.1
-65°	0.0	4.4	13.5	29.8	58.5	103.3	170.2	236.3	297.6	368.2	446.1
-67.5°	0.0	4.0	12.4	26.6	52.3	89.3	146.8	205.0	256.1	318.2	387.9
-70°	0.0	3.6	11.2	23.1	45.5	78.2	122.1	172.9	219.0	265.9	325.8
-72.5°	0.0	3.2	10.0	20.3	38.1	66.2	103.3	140.2	181.1	222.6	264.7
-75°	0.0	2.8	8.7	17.7	30.4	53.5	84.5	113.0	142.6	178.8	215.4
-77.5°	0.0	2.3	7.3	14.9	25.1	40.1	64.7	87.3	110.9	136.4	165.4
-80°	0.0	1.9	5.9	12.0	20.3	30.6	44.2	61.2	79.4	99.1	120.3
-82.5°	0.0	1.4	4.5	9.1	15.3	23.1	32.4	39.3	47.4	61.3	76.3
-85°	0.0	1.0	3.0	6.1	10.3	15.5	21.7	26.3	30.9	35.8	40.8
-87.5°	0.0	0.5	1.5	3.1	5.2	7.8	10.9	13.1	15.5	17.9	20.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA3D-740-U-LAM-VSR-XX

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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.8	2.0	2.0	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	2.5	2.5	2.2	1.8	1.6	1.7	1.8	1.8	1.6	1.6	1.6
67.5°	3.0	2.6	2.3	2.2	2.2	2.4	2.3	1.9	1.6	1.6	1.6
65°	3.1	2.7	3.9	4.4	3.2	2.8	2.4	2.0	2.2	2.2	2.3
62.5°	4.6	5.8	7.5	13.2	9.8	2.9	5.1	6.1	4.4	3.7	3.9
60°	15.2	10.4	30.8	44.1	27.5	10.0	12.2	40.8	35.3	6.5	22.1
57.5°	32.1	44.0	81.1	82.5	57.1	39.3	114.5	132.3	100.2	58.5	89.4
55°	70.7	108.5	134.4	124.4	135.9	205.8	244.6	219.7	185.0	284.5	363.5
52.5°	138.0	176.6	185.4	212.9	304.7	350.1	335.5	358.8	465.3	577.9	602.3
50°	203.7	235.3	260.0	375.9	447.8	452.3	485.7	591.2	733.2	802.2	785.5
47.5°	267.2	300.0	414.8	526.2	558.5	602.7	686.1	889.8	1040.3	1043.2	1026.2
45°	334.3	421.9	568.5	641.1	693.5	779.0	980.5	1261.5	1276.0	1316.8	1567.9
42.5°	406.2	559.5	687.5	763.0	847.6	1007.2	1276.2	1460.5	1523.8	1702.5	1904.4
40°	522.5	692.5	804.3	900.9	1009.6	1242.5	1537.1	1709.8	1761.3	1916.0	2067.7
37.5°	640.6	803.6	928.8	1045.3	1196.1	1510.5	1851.2	1993.6	2019.7	2048.0	2384.3
35°	754.3	917.5	1067.4	1219.8	1404.8	1857.3	2155.1	2289.0	2284.9	2475.8	2828.0
32.5°	860.6	1033.9	1210.8	1414.7	1719.9	2183.5	2481.5	2561.6	2683.2	2961.0	3441.7
30°	966.8	1163.8	1366.9	1609.8	1996.4	2398.2	2738.4	2867.3	3075.7	3392.8	3742.7
27.5°	1076.1	1297.0	1542.6	1827.2	2214.6	2584.0	2874.5	3182.7	3385.2	3669.4	3918.2
25°	1185.0	1437.9	1716.0	2017.3	2370.6	2714.9	3015.4	3371.3	3588.7	3817.8	4050.0
22.5°	1299.2	1580.8	1894.9	2167.9	2502.1	2826.2	3183.9	3570.0	3852.6	3998.2	4154.1
20°	1418.5	1735.4	2070.4	2372.9	2632.0	2929.6	3353.1	3822.1	4187.0	4350.8	4372.2
17.5°	1536.1	1885.3	2245.4	2572.9	2852.3	3117.2	3530.7	4124.3	4578.0	4730.3	4798.0
15°	1650.9	2029.4	2419.5	2767.5	3074.3	3398.2	3839.7	4443.4	4962.0	5130.6	5237.1
12.5°	1761.6	2166.8	2590.8	2955.7	3296.4	3659.7	4120.4	4672.9	5146.4	5472.4	5667.9
10°	1867.1	2296.5	2757.0	3136.4	3516.0	3902.2	4352.6	4843.9	5229.4	5543.8	5821.3
7.5°	1920.4	2381.4	2899.8	3308.3	3730.0	4126.4	4542.7	4964.5	5289.1	5597.5	5865.9
5°	1956.6	2416.2	2944.4	3368.2	3843.8	4276.0	4680.1	5043.7	5328.1	5633.8	5895.9
2.5°	1982.4	2438.8	2974.6	3400.9	3886.5	4321.9	4719.7	5070.2	5360.3	5659.7	5928.2
0°	1998.0	2449.5	2990.0	3421.1	3913.2	4352.2	4742.7	5080.2	5381.7	5672.2	5961.2
-2.5°	2006.8	2482.3	3000.3	3473.0	3939.0	4378.3	4774.9	5104.3	5419.4	5695.8	5985.6
-5°	2005.7	2501.8	2997.6	3507.8	3951.4	4388.4	4791.0	5115.3	5439.8	5713.6	5995.5
-7.5°	1994.8	2506.3	2984.0	3518.8	3951.9	4385.0	4783.9	5120.5	5439.5	5729.8	5996.4
-10°	1975.4	2488.6	2971.5	3490.5	3936.8	4367.2	4762.4	5109.0	5426.8	5726.5	5991.2
-12.5°	1952.5	2452.1	2945.5	3449.9	3906.0	4334.0	4729.6	5079.7	5403.0	5702.0	5979.3
-15°	1918.1	2403.5	2902.7	3398.3	3859.1	4285.7	4687.0	5032.0	5366.4	5659.2	5943.8
-17.5°	1872.0	2343.3	2842.5	3337.0	3795.9	4222.7	4632.4	4969.0	5301.7	5604.3	5879.0
-20°	1813.8	2272.0	2764.3	3267.3	3715.7	4138.0	4534.9	4887.4	5218.0	5525.7	5814.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1743.5	2190.0	2670.0	3173.3	3615.7	4033.1	4425.4	4783.4	5126.1	5423.7	5731.3
-25°	1673.0	2103.3	2565.9	3043.3	3499.5	3915.1	4308.5	4657.4	5007.5	5317.1	5609.4
-27.5°	1605.5	2002.8	2445.1	2900.0	3367.8	3781.4	4171.3	4520.4	4860.3	5198.8	5480.2
-30°	1529.7	1886.4	2312.6	2747.2	3203.1	3624.3	4017.1	4379.3	4702.8	5037.0	5339.1
-32.5°	1446.2	1763.0	2172.7	2590.7	3020.7	3451.2	3840.2	4200.1	4536.6	4852.8	5169.8
-35°	1364.4	1663.4	2024.4	2422.7	2827.3	3249.7	3639.1	3995.4	4344.7	4657.9	4960.9
-37.5°	1290.9	1555.5	1866.8	2247.3	2633.9	3033.4	3429.5	3774.4	4106.8	4451.1	4746.6
-40°	1211.4	1439.6	1730.3	2066.6	2431.0	2810.9	3190.1	3547.0	3859.5	4199.7	4524.7
-42.5°	1128.1	1345.2	1595.6	1875.4	2219.4	2577.5	2943.6	3292.7	3617.1	3938.1	4260.2
-45°	1055.1	1245.3	1458.6	1714.2	1994.3	2331.1	2677.7	3025.7	3337.1	3643.0	3961.0
-47.5°	977.5	1144.9	1342.1	1546.3	1789.8	2071.4	2397.3	2718.3	3037.0	3328.1	3609.5
-50°	900.3	1054.5	1216.6	1400.4	1601.3	1829.6	2100.3	2398.7	2689.8	2988.6	3267.4
-52.5°	833.6	959.5	1105.9	1259.3	1431.3	1620.2	1837.1	2082.1	2346.9	2600.5	2878.6
-55°	764.5	878.0	996.1	1131.2	1274.3	1433.7	1611.5	1817.5	2019.6	2254.1	2481.2
-57.5°	701.5	797.1	897.9	1009.5	1133.8	1261.4	1416.7	1577.0	1760.4	1942.6	2122.4
-60°	642.1	720.2	805.7	900.2	1000.1	1113.7	1229.6	1367.2	1514.9	1660.4	1813.0
-62.5°	582.2	647.9	717.6	796.0	883.2	969.0	1068.0	1174.0	1282.7	1406.0	1526.3
-65°	520.6	573.8	632.9	697.9	767.4	840.5	916.6	995.1	1087.5	1177.8	1265.3
-67.5°	455.2	500.7	548.5	599.7	658.0	715.4	772.7	839.0	907.0	973.9	1043.2
-70°	382.7	425.6	465.5	507.0	550.3	595.3	644.2	692.9	740.8	790.9	846.5
-72.5°	309.0	348.4	383.5	414.2	449.8	487.1	522.9	557.0	593.2	631.3	668.9
-75°	246.4	272.5	303.8	332.4	360.7	387.0	410.6	439.6	469.8	497.4	520.2
-77.5°	192.4	216.0	237.5	256.6	279.1	305.5	328.5	348.3	367.4	388.4	410.5
-80°	140.0	159.6	179.1	196.9	209.8	224.7	242.4	262.5	280.0	294.2	307.2
-82.5°	90.3	104.6	119.1	133.9	139.9	144.0	147.8	154.8	165.6	176.3	186.5
-85°	45.0	49.1	58.0	67.1	70.2	72.4	73.9	74.7	78.4	81.8	84.7
-87.5°	22.5	24.6	26.6	28.7	27.6	26.1	24.3	22.1	21.6	20.9	20.1
-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: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-LAM-VSR-XX

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°	1.3	1.3	1.4	1.4	1.5	1.1	0.8	0.4	0.0	0.0	0.0
85°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.2	0.8
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
67.5°	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0
65°	2.2	2.2	2.3	2.2	1.9	1.9	2.0	1.9	1.7	1.4	1.0
62.5°	3.9	4.4	3.5	3.5	3.4	3.3	3.1	3.0	2.8	2.6	2.7
60°	24.5	14.5	8.5	9.9	8.9	5.9	7.5	8.8	8.9	8.1	7.2
57.5°	135.8	101.4	75.1	179.3	179.8	85.9	103.4	162.5	133.9	44.0	40.8
55°	377.7	451.8	594.6	564.8	574.0	660.2	720.9	638.2	625.6	666.7	770.1
52.5°	678.6	749.2	797.2	842.2	896.9	955.7	1016.3	1054.8	1090.8	1129.2	1152.0
50°	866.6	966.1	1034.4	1009.3	1150.8	1208.7	1150.0	1202.5	1266.6	1284.2	1292.5
47.5°	1279.6	1425.5	1454.5	1548.5	1632.9	1631.1	1559.4	1563.5	1754.4	1922.8	2005.5
45°	1839.0	1844.0	1935.7	2101.7	2220.3	2183.0	2283.1	2510.7	2586.5	2659.8	2719.8
42.5°	2056.9	2147.2	2293.6	2440.4	2528.9	2605.6	2679.7	2763.4	2861.8	2941.5	3005.3
40°	2267.9	2340.7	2490.6	2608.8	2682.1	2753.7	2840.1	2932.8	3022.8	3092.9	3140.7
37.5°	2592.7	2649.1	2685.7	2795.4	2933.9	2870.0	3033.9	3151.4	3205.0	3276.2	3282.7
35°	3084.1	3046.6	2998.0	3434.7	3460.9	3313.4	3466.6	3648.8	3552.7	3752.7	3860.2
32.5°	3519.7	3514.1	3895.3	4124.9	3992.8	4100.7	4454.0	4438.3	4673.8	4783.1	4751.9
30°	3930.1	4070.1	4290.6	4461.6	4484.5	4654.5	4811.4	4948.8	5091.0	5218.4	5227.2
27.5°	4138.4	4321.1	4470.8	4569.7	4680.1	4823.2	4965.6	5120.4	5241.3	5321.3	5340.8
25°	4264.4	4451.1	4564.4	4670.9	4792.8	4916.3	5075.7	5244.3	5341.4	5390.7	5406.4
22.5°	4375.5	4543.2	4665.1	4751.5	4882.7	5015.5	5164.1	5306.9	5412.4	5433.9	5441.8
20°	4482.4	4643.7	4847.1	4974.3	4968.0	5117.6	5260.8	5374.4	5462.3	5461.8	5463.9
17.5°	4791.9	4849.4	5218.6	5498.9	5360.2	5286.9	5680.9	5688.3	5711.7	5665.2	5564.4
15°	5250.0	5354.7	5808.3	6112.2	6016.5	6011.5	6580.5	6439.3	6560.7	6529.0	6665.7
12.5°	5735.2	5859.2	6198.2	6496.6	6638.8	6673.7	6863.7	7041.8	7078.4	7064.0	7037.1
10°	6065.7	6242.4	6378.6	6559.7	6703.1	6849.4	6959.5	7087.4	7129.2	7105.0	7070.8
7.5°	6108.8	6283.4	6443.2	6602.1	6738.7	6856.7	6970.9	7075.0	7117.6	7103.5	7079.9
5°	6136.1	6294.3	6449.3	6610.5	6741.1	6850.4	6964.2	7069.6	7094.8	7077.9	7054.9
2.5°	6153.0	6299.5	6448.8	6609.4	6728.0	6832.0	6947.2	7059.7	7059.5	7052.1	7038.7
0°	6161.2	6308.0	6481.4	6626.7	6759.5	6857.9	6972.0	7081.3	7073.5	7053.2	7029.8
-2.5°	6178.7	6327.5	6504.5	6624.8	6774.6	6864.8	6982.6	7077.3	7073.7	7063.7	7052.1
-5°	6194.4	6361.7	6527.3	6653.9	6804.0	6921.8	7038.9	7113.0	7117.0	7103.1	7083.6
-7.5°	6203.9	6389.5	6547.4	6674.6	6820.1	6957.1	7076.0	7153.7	7155.4	7136.9	7113.6
-10°	6200.8	6396.6	6559.2	6690.6	6839.6	6975.0	7099.3	7197.8	7194.5	7176.9	7157.0
-12.5°	6189.1	6384.7	6551.6	6683.5	6852.7	6992.0	7131.8	7229.8	7235.0	7221.8	7200.2
-15°	6163.3	6365.3	6527.7	6671.6	6837.5	7000.4	7144.0	7252.1	7271.4	7260.6	7243.6
-17.5°	6112.4	6325.5	6497.8	6652.9	6812.1	6985.7	7149.0	7267.3	7293.6	7289.3	7275.2
-20°	6045.6	6265.5	6440.4	6602.9	6776.2	6955.0	7145.1	7253.1	7291.4	7293.8	7284.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5970.6	6185.9	6371.3	6531.2	6719.0	6900.1	7072.2	7198.7	7263.0	7274.9	7275.7
-25°	5880.6	6101.8	6286.1	6456.3	6631.1	6818.0	6991.9	7133.2	7198.4	7229.5	7239.1
-27.5°	5753.5	5982.2	6163.5	6343.3	6521.1	6714.3	6897.0	7050.7	7103.7	7146.5	7163.6
-30°	5604.5	5830.7	6015.6	6180.0	6383.4	6580.3	6768.9	6902.9	6982.9	7031.9	7058.6
-32.5°	5433.3	5661.6	5855.7	6027.4	6220.7	6417.6	6595.1	6736.4	6846.6	6903.1	6931.7
-35°	5247.6	5480.7	5683.9	5864.7	6046.7	6234.4	6418.3	6566.2	6691.8	6740.3	6776.1
-37.5°	5023.7	5280.7	5489.1	5675.6	5848.5	6025.0	6216.5	6385.5	6507.5	6554.6	6592.3
-40°	4794.0	5042.5	5252.6	5451.5	5622.5	5815.1	5999.6	6176.8	6282.6	6337.5	6380.3
-42.5°	4551.6	4776.0	4975.8	5169.1	5359.5	5557.8	5742.1	5926.2	6017.8	6084.0	6136.4
-45°	4271.7	4480.6	4674.7	4855.6	5051.8	5246.8	5431.2	5594.0	5702.9	5789.0	5856.1
-47.5°	3898.5	4153.0	4347.9	4520.0	4714.5	4902.6	5081.4	5234.4	5353.8	5454.6	5532.5
-50°	3519.5	3763.7	3983.6	4176.9	4357.4	4531.4	4701.5	4851.2	4977.6	5086.8	5165.7
-52.5°	3146.4	3375.2	3593.3	3792.9	3966.3	4130.5	4286.2	4436.8	4570.1	4686.9	4763.2
-55°	2724.7	2961.7	3177.5	3363.5	3536.9	3699.2	3852.9	3995.7	4126.9	4245.9	4319.0
-57.5°	2329.1	2537.0	2737.8	2909.5	3073.2	3227.8	3373.5	3510.2	3636.5	3748.4	3818.9
-60°	1965.4	2117.0	2289.8	2448.4	2593.4	2725.0	2861.0	2988.4	3104.5	3202.9	3268.6
-62.5°	1644.0	1769.6	1894.4	2015.0	2132.6	2250.9	2364.7	2470.4	2567.3	2647.9	2705.5
-65°	1357.6	1458.5	1548.7	1634.3	1715.8	1809.0	1895.6	1976.9	2052.3	2114.1	2157.9
-67.5°	1117.8	1188.8	1251.2	1309.8	1374.1	1440.0	1501.8	1555.6	1601.6	1638.2	1667.1
-70°	901.4	953.6	1000.7	1047.5	1094.4	1137.2	1178.1	1217.7	1255.3	1286.0	1308.9
-72.5°	706.0	741.6	773.7	809.7	843.5	876.0	904.3	927.1	944.8	962.1	977.1
-75°	538.2	565.0	601.2	631.7	656.9	679.2	699.7	717.9	733.9	748.0	760.5
-77.5°	432.9	455.6	478.6	501.0	522.5	538.5	553.4	568.2	582.8	595.4	606.5
-80°	320.9	337.8	355.6	373.4	391.3	400.1	407.2	413.7	419.5	427.0	433.9
-82.5°	196.2	205.8	215.7	225.7	235.7	238.2	239.0	238.8	237.5	234.8	230.7
-85°	87.3	87.8	87.5	86.6	84.9	81.4	77.2	72.3	66.8	66.0	65.0
-87.5°	19.2	18.8	18.2	17.6	17.0	16.9	16.9	16.8	16.6	17.2	17.7
-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: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-LAM-VSR-XX

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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
85°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.5	1.5
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	0.8	0.0	0.8	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	0.9	0.0	0.9	1.6	1.6	1.6	1.6	1.6	1.6
67.5°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.0	1.4	1.6	1.6
65°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	1.0	1.4	1.7	1.9
62.5°	2.8	3.0	3.1	3.1	3.1	3.0	2.8	2.7	2.6	2.8	3.0
60°	5.6	3.7	3.1	3.1	3.1	3.7	5.6	7.2	8.1	8.9	8.8
57.5°	34.5	25.7	21.9	20.3	21.9	25.7	34.5	40.8	44.0	133.9	162.5
55°	844.2	887.2	919.3	934.2	919.3	887.2	844.2	770.1	666.7	625.6	638.2
52.5°	1172.2	1190.9	1201.6	1201.3	1201.6	1190.9	1172.2	1152.0	1129.2	1090.8	1054.8
50°	1306.6	1315.7	1318.9	1316.9	1318.9	1315.7	1306.6	1292.5	1284.2	1266.6	1202.5
47.5°	1929.9	1762.9	1640.1	1610.6	1640.1	1762.9	1929.9	2005.5	1922.8	1754.4	1563.5
45°	2748.6	2812.0	2875.1	2894.7	2875.1	2812.0	2748.6	2719.8	2659.8	2586.5	2510.7
42.5°	3032.2	3052.8	3064.5	3065.0	3064.5	3052.8	3032.2	3005.3	2941.5	2861.8	2763.4
40°	3167.5	3186.9	3198.3	3199.3	3198.3	3186.9	3167.5	3140.7	3092.9	3022.8	2932.8
37.5°	3290.4	3307.0	3317.9	3329.0	3317.9	3307.0	3290.4	3282.7	3276.2	3205.0	3151.4
35°	3845.7	3720.0	3539.0	3566.4	3539.0	3720.0	3845.7	3860.2	3752.7	3552.7	3648.8
32.5°	4800.6	4853.5	4886.5	4942.7	4886.5	4853.5	4800.6	4751.9	4783.1	4673.8	4438.3
30°	5241.2	5258.7	5285.1	5312.9	5285.1	5258.7	5241.2	5227.2	5218.4	5091.0	4948.8
27.5°	5351.1	5369.2	5385.3	5397.3	5385.3	5369.2	5351.1	5340.8	5321.3	5241.3	5120.4
25°	5408.6	5419.9	5436.9	5452.0	5436.9	5419.9	5408.6	5406.4	5390.7	5341.4	5244.3
22.5°	5437.2	5438.4	5451.8	5470.7	5451.8	5438.4	5437.2	5441.8	5433.9	5412.4	5306.9
20°	5456.8	5446.2	5460.0	5472.3	5460.0	5446.2	5456.8	5463.9	5461.8	5462.3	5374.4
17.5°	5706.6	5564.1	5505.6	5506.6	5505.6	5564.1	5706.6	5564.4	5665.2	5711.7	5688.3
15°	6512.3	6565.7	6770.6	6881.4	6770.6	6565.7	6512.3	6665.7	6529.0	6560.7	6439.3
12.5°	7032.1	7013.1	6988.8	7021.9	6988.8	7013.1	7032.1	7037.1	7064.0	7078.4	7041.8
10°	7056.2	7054.0	7010.7	7057.9	7010.7	7054.0	7056.2	7070.8	7105.0	7129.2	7087.4
7.5°	7041.4	7042.8	7024.3	7070.4	7024.3	7042.8	7041.4	7079.9	7103.5	7117.6	7075.0
5°	7051.2	7019.4	7031.5	7057.9	7031.5	7019.4	7051.2	7054.9	7077.9	7094.8	7069.6
2.5°	7023.9	7020.7	6997.2	7015.7	6997.2	7020.7	7023.9	7038.7	7052.1	7059.5	7059.7
0°	7003.2	6986.0	6986.0	7001.6	6986.0	6986.0	7003.2	7029.8	7053.2	7073.5	7081.3
-2.5°	7040.2	7036.5	7034.3	7023.5	7034.3	7036.5	7040.2	7052.1	7063.7	7073.7	7077.3
-5°	7070.5	7061.2	7035.7	7070.4	7035.7	7061.2	7070.5	7083.6	7103.1	7117.0	7113.0
-7.5°	7103.2	7079.5	7055.1	7109.4	7055.1	7079.5	7103.2	7113.6	7136.9	7155.4	7153.7
-10°	7133.0	7098.7	7075.1	7128.2	7075.1	7098.7	7133.0	7157.0	7176.9	7194.5	7197.8
-12.5°	7172.4	7132.4	7116.6	7145.4	7116.6	7132.4	7172.4	7200.2	7221.8	7235.0	7229.8
-15°	7214.5	7186.8	7183.1	7200.0	7183.1	7186.8	7214.5	7243.6	7260.6	7271.4	7252.1
-17.5°	7251.5	7232.0	7241.6	7261.0	7241.6	7232.0	7251.5	7275.2	7289.3	7293.6	7267.3
-20°	7269.1	7258.2	7269.1	7317.2	7269.1	7258.2	7269.1	7284.2	7293.8	7291.4	7253.1



REPORT NUMBER: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7267.6	7268.3	7287.4	7303.1	7287.4	7268.3	7267.6	7275.7	7274.9	7263.0	7198.7
-25°	7239.9	7254.5	7276.4	7307.8	7276.4	7254.5	7239.9	7239.1	7229.5	7198.4	7133.2
-27.5°	7173.0	7197.2	7220.1	7253.1	7220.1	7197.2	7173.0	7163.6	7146.5	7103.7	7050.7
-30°	7076.3	7105.1	7125.6	7161.0	7125.6	7105.1	7076.3	7058.6	7031.9	6982.9	6902.9
-32.5°	6958.6	6991.3	7015.4	7040.7	7015.4	6991.3	6958.6	6931.7	6903.1	6846.6	6736.4
-35°	6811.5	6846.7	6872.4	6895.4	6872.4	6846.7	6811.5	6776.1	6740.3	6691.8	6566.2
-37.5°	6634.8	6672.7	6702.0	6728.3	6702.0	6672.7	6634.8	6592.3	6554.6	6507.5	6385.5
-40°	6428.9	6467.8	6499.0	6528.3	6499.0	6467.8	6428.9	6380.3	6337.5	6282.6	6176.8
-42.5°	6188.1	6227.3	6259.6	6289.3	6259.6	6227.3	6188.1	6136.4	6084.0	6017.8	5926.2
-45°	5910.1	5950.5	5984.6	6015.9	5984.6	5950.5	5910.1	5856.1	5789.0	5702.9	5594.0
-47.5°	5589.9	5633.1	5662.3	5676.9	5662.3	5633.1	5589.9	5532.5	5454.6	5353.8	5234.4
-50°	5222.9	5266.1	5301.1	5327.0	5301.1	5266.1	5222.9	5165.7	5086.8	4977.6	4851.2
-52.5°	4818.9	4860.0	4890.1	4908.3	4890.1	4860.0	4818.9	4763.2	4686.9	4570.1	4436.8
-55°	4376.5	4419.6	4448.2	4461.6	4448.2	4419.6	4376.5	4319.0	4245.9	4126.9	3995.7
-57.5°	3874.8	3915.7	3946.1	3963.2	3946.1	3915.7	3874.8	3818.9	3748.4	3636.5	3510.2
-60°	3319.7	3356.3	3379.3	3388.3	3379.3	3356.3	3319.7	3268.6	3202.9	3104.5	2988.4
-62.5°	2751.9	2786.6	2808.2	2816.6	2808.2	2786.6	2751.9	2705.5	2647.9	2567.3	2470.4
-65°	2190.6	2212.3	2224.3	2226.1	2224.3	2212.3	2190.6	2157.9	2114.1	2052.3	1976.9
-67.5°	1690.0	1706.5	1716.5	1719.9	1716.5	1706.5	1690.0	1667.1	1638.2	1601.6	1555.6
-70°	1326.1	1337.5	1343.9	1345.0	1343.9	1337.5	1326.1	1308.9	1286.0	1255.3	1217.7
-72.5°	988.7	996.8	994.0	987.3	994.0	996.8	988.7	977.1	962.1	944.8	927.1
-75°	771.3	780.2	776.5	770.1	776.5	780.2	771.3	760.5	748.0	733.9	717.9
-77.5°	616.2	624.3	620.3	613.9	620.3	624.3	616.2	606.5	595.4	582.8	568.2
-80°	440.0	444.8	448.2	449.9	448.2	444.8	440.0	433.9	427.0	419.5	413.7
-82.5°	225.2	218.6	214.4	209.3	214.4	218.6	225.2	230.7	234.8	237.5	238.8
-85°	63.7	62.2	63.2	64.0	63.2	62.2	63.7	65.0	66.0	66.8	72.3
-87.5°	18.2	18.6	18.7	18.7	18.7	18.6	18.2	17.7	17.2	16.6	16.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-LAM-VSR-XX

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°	0.8	1.1	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
85°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8
67.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.9
65°	2.0	1.9	1.9	2.2	2.3	2.2	2.2	2.3	2.2	2.2	2.0
62.5°	3.1	3.3	3.4	3.5	3.5	4.4	3.9	3.9	3.7	4.4	6.1
60°	7.5	5.9	8.9	9.9	8.5	14.5	24.5	22.1	6.5	35.3	40.8
57.5°	103.4	85.9	179.8	179.3	75.1	101.4	135.8	89.4	58.5	100.2	132.3
55°	720.9	660.2	574.0	564.8	594.6	451.8	377.7	363.5	284.5	185.0	219.7
52.5°	1016.3	955.7	896.9	842.2	797.2	749.2	678.6	602.3	577.9	465.3	358.8
50°	1150.0	1208.7	1150.8	1009.3	1034.4	966.1	866.6	785.5	802.2	733.2	591.2
47.5°	1559.4	1631.1	1632.9	1548.5	1454.5	1425.5	1279.6	1026.2	1043.2	1040.3	889.8
45°	2283.1	2183.0	2220.3	2101.7	1935.7	1844.0	1839.0	1567.9	1316.8	1276.0	1261.5
42.5°	2679.7	2605.6	2528.9	2440.4	2293.6	2147.2	2056.9	1904.4	1702.5	1523.8	1460.5
40°	2840.1	2753.7	2682.1	2608.8	2490.6	2340.7	2267.9	2067.7	1916.0	1761.3	1709.8
37.5°	3033.9	2870.0	2933.9	2795.4	2685.7	2649.1	2592.7	2384.3	2048.0	2019.7	1993.6
35°	3466.6	3313.4	3460.9	3434.7	2998.0	3046.6	3084.1	2828.0	2475.8	2284.9	2289.0
32.5°	4454.0	4100.7	3992.8	4124.9	3895.3	3514.1	3519.7	3441.7	2961.0	2683.2	2561.6
30°	4811.4	4654.5	4484.5	4461.6	4290.6	4070.1	3930.1	3742.7	3392.8	3075.7	2867.3
27.5°	4965.6	4823.2	4680.1	4569.7	4470.8	4321.1	4138.4	3918.2	3669.4	3385.2	3182.7
25°	5075.7	4916.3	4792.8	4670.9	4564.4	4451.1	4264.4	4050.0	3817.8	3588.7	3371.3
22.5°	5164.1	5015.5	4882.7	4751.5	4665.1	4543.2	4375.5	4154.1	3998.2	3852.6	3570.0
20°	5260.8	5117.6	4968.0	4974.3	4847.1	4643.7	4482.4	4372.2	4350.8	4187.0	3822.1
17.5°	5680.9	5286.9	5360.2	5498.9	5218.6	4849.4	4791.9	4798.0	4730.3	4578.0	4124.3
15°	6580.5	6011.5	6016.5	6112.2	5808.3	5354.7	5250.0	5237.1	5130.6	4962.0	4443.4
12.5°	6863.7	6673.7	6638.8	6496.6	6198.2	5859.2	5735.2	5667.9	5472.4	5146.4	4672.9
10°	6959.5	6849.4	6703.1	6559.7	6378.6	6242.4	6065.7	5821.3	5543.8	5229.4	4843.9
7.5°	6970.9	6856.7	6738.7	6602.1	6443.2	6283.4	6108.8	5865.9	5597.5	5289.1	4964.5
5°	6964.2	6850.4	6741.1	6610.5	6449.3	6294.3	6136.1	5895.9	5633.8	5328.1	5043.7
2.5°	6947.2	6832.0	6728.0	6609.4	6448.8	6299.5	6153.0	5928.2	5659.7	5360.3	5070.2
0°	6972.0	6857.9	6759.5	6626.7	6481.4	6308.0	6161.2	5961.2	5672.2	5381.7	5080.2
-2.5°	6982.6	6864.8	6774.6	6624.8	6504.5	6327.5	6178.7	5985.6	5695.8	5419.4	5104.3
-5°	7038.9	6921.8	6804.0	6653.9	6527.3	6361.7	6194.4	5995.5	5713.6	5439.8	5115.3
-7.5°	7076.0	6957.1	6820.1	6674.6	6547.4	6389.5	6203.9	5996.4	5729.8	5439.5	5120.5
-10°	7099.3	6975.0	6839.6	6690.6	6559.2	6396.6	6200.8	5991.2	5726.5	5426.8	5109.0
-12.5°	7131.8	6992.0	6852.7	6683.5	6551.6	6384.7	6189.1	5979.3	5702.0	5403.0	5079.7
-15°	7144.0	7000.4	6837.5	6671.6	6527.7	6365.3	6163.3	5943.8	5659.2	5366.4	5032.0
-17.5°	7149.0	6985.7	6812.1	6652.9	6497.8	6325.5	6112.4	5879.0	5604.3	5301.7	4969.0
-20°	7145.1	6955.0	6776.2	6602.9	6440.4	6265.5	6045.6	5814.4	5525.7	5218.0	4887.4

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7072.2	6900.1	6719.0	6531.2	6371.3	6185.9	5970.6	5731.3	5423.7	5126.1	4783.4
-25°	6991.9	6818.0	6631.1	6456.3	6286.1	6101.8	5880.6	5609.4	5317.1	5007.5	4657.4
-27.5°	6897.0	6714.3	6521.1	6343.3	6163.5	5982.2	5753.5	5480.2	5198.8	4860.3	4520.4
-30°	6768.9	6580.3	6383.4	6180.0	6015.6	5830.7	5604.5	5339.1	5037.0	4702.8	4379.3
-32.5°	6595.1	6417.6	6220.7	6027.4	5855.7	5661.6	5433.3	5169.8	4852.8	4536.6	4200.1
-35°	6418.3	6234.4	6046.7	5864.7	5683.9	5480.7	5247.6	4960.9	4657.9	4344.7	3995.4
-37.5°	6216.5	6025.0	5848.5	5675.6	5489.1	5280.7	5023.7	4746.6	4451.1	4106.8	3774.4
-40°	5999.6	5815.1	5622.5	5451.5	5252.6	5042.5	4794.0	4524.7	4199.7	3859.5	3547.0
-42.5°	5742.1	5557.8	5359.5	5169.1	4975.8	4776.0	4551.6	4260.2	3938.1	3617.1	3292.7
-45°	5431.2	5246.8	5051.8	4855.6	4674.7	4480.6	4271.7	3961.0	3643.0	3337.1	3025.7
-47.5°	5081.4	4902.6	4714.5	4520.0	4347.9	4153.0	3898.5	3609.5	3328.1	3037.0	2718.3
-50°	4701.5	4531.4	4357.4	4176.9	3983.6	3763.7	3519.5	3267.4	2988.6	2689.8	2398.7
-52.5°	4286.2	4130.5	3966.3	3792.9	3593.3	3375.2	3146.4	2878.6	2600.5	2346.9	2082.1
-55°	3852.9	3699.2	3536.9	3363.5	3177.5	2961.7	2724.7	2481.2	2254.1	2019.6	1817.5
-57.5°	3373.5	3227.8	3073.2	2909.5	2737.8	2537.0	2329.1	2122.4	1942.6	1760.4	1577.0
-60°	2861.0	2725.0	2593.4	2448.4	2289.8	2117.0	1965.4	1813.0	1660.4	1514.9	1367.2
-62.5°	2364.7	2250.9	2132.6	2015.0	1894.4	1769.6	1644.0	1526.3	1406.0	1282.7	1174.0
-65°	1895.6	1809.0	1715.8	1634.3	1548.7	1458.5	1357.6	1265.3	1177.8	1087.5	995.1
-67.5°	1501.8	1440.0	1374.1	1309.8	1251.2	1188.8	1117.8	1043.2	973.9	907.0	839.0
-70°	1178.1	1137.2	1094.4	1047.5	1000.7	953.6	901.4	846.5	790.9	740.8	692.9
-72.5°	904.3	876.0	843.5	809.7	773.7	741.6	706.0	668.9	631.3	593.2	557.0
-75°	699.7	679.2	656.9	631.7	601.2	565.0	538.2	520.2	497.4	469.8	439.6
-77.5°	553.4	538.5	522.5	501.0	478.6	455.6	432.9	410.5	388.4	367.4	348.3
-80°	407.2	400.1	391.3	373.4	355.6	337.8	320.9	307.2	294.2	280.0	262.5
-82.5°	239.0	238.2	235.7	225.7	215.7	205.8	196.2	186.5	176.3	165.6	154.8
-85°	77.2	81.4	84.9	86.6	87.5	87.8	87.3	84.7	81.8	78.4	74.7
-87.5°	16.9	16.9	17.0	17.6	18.2	18.8	19.2	20.1	20.9	21.6	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



REPORT NUMBER: P645435 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-LAM-VSR-XX

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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.8	0.8	0.8
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.5	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.5
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	2.0	2.4	2.8
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	2.0	2.4	2.8
75°	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.7	2.1	2.4	2.8
72.5°	1.6	1.6	1.6	1.8	2.0	2.0	1.8	1.8	2.1	2.5	2.8
70°	1.8	1.7	1.6	1.8	2.2	2.5	2.5	2.5	2.2	2.5	2.9
67.5°	2.3	2.4	2.2	2.2	2.3	2.6	3.0	3.5	3.5	2.6	2.9
65°	2.4	2.8	3.2	4.4	3.9	2.7	3.1	6.1	4.9	4.1	3.0
62.5°	5.1	2.9	9.8	13.2	7.5	5.8	4.6	13.6	8.6	5.8	4.2
60°	12.2	10.0	27.5	44.1	30.8	10.4	15.2	23.6	21.7	7.5	5.9
57.5°	114.5	39.3	57.1	82.5	81.1	44.0	32.1	42.8	36.8	21.2	8.3
55°	244.6	205.8	135.9	124.4	134.4	108.5	70.7	69.3	56.9	39.4	13.5
52.5°	335.5	350.1	304.7	212.9	185.4	176.6	138.0	100.6	89.3	59.2	34.2
50°	485.7	452.3	447.8	375.9	260.0	235.3	203.7	157.1	125.3	84.6	57.8
47.5°	686.1	602.7	558.5	526.2	414.8	300.0	267.2	214.8	165.0	121.9	82.6
45°	980.5	779.0	693.5	641.1	568.5	421.9	334.3	270.8	215.0	163.6	108.4
42.5°	1276.2	1007.2	847.6	763.0	687.5	559.5	406.2	335.4	263.7	206.1	141.3
40°	1537.1	1242.5	1009.6	900.9	804.3	692.5	522.5	404.6	311.5	249.8	178.6
37.5°	1851.2	1510.5	1196.1	1045.3	928.8	803.6	640.6	476.9	368.9	295.7	216.0
35°	2155.1	1857.3	1404.8	1219.8	1067.4	917.5	754.3	562.3	439.4	342.3	253.4
32.5°	2481.5	2183.5	1719.9	1414.7	1210.8	1033.9	860.6	666.2	510.4	389.5	290.7
30°	2738.4	2398.2	1996.4	1609.8	1366.9	1163.8	966.8	765.8	581.5	437.0	328.3
27.5°	2874.5	2584.0	2214.6	1827.2	1542.6	1297.0	1076.1	861.1	652.5	489.4	367.5
25°	3015.4	2714.9	2370.6	2017.3	1716.0	1437.9	1185.0	951.9	730.1	548.4	406.3
22.5°	3183.9	2826.2	2502.1	2167.9	1894.9	1580.8	1299.2	1043.8	807.6	606.2	444.4
20°	3353.1	2929.6	2632.0	2372.9	2070.4	1735.4	1418.5	1133.5	880.8	662.6	481.8
17.5°	3530.7	3117.2	2852.3	2572.9	2245.4	1885.3	1536.1	1220.4	949.4	717.1	518.0
15°	3839.7	3398.2	3074.3	2767.5	2419.5	2029.4	1650.9	1303.8	1013.4	769.5	551.8
12.5°	4120.4	3659.7	3296.4	2955.7	2590.8	2166.8	1761.6	1383.2	1072.7	811.3	581.8
10°	4352.6	3902.2	3516.0	3136.4	2757.0	2296.5	1867.1	1447.9	1108.3	842.5	609.5
7.5°	4542.7	4126.4	3730.0	3308.3	2899.8	2381.4	1920.4	1485.6	1135.8	869.0	634.7
5°	4680.1	4276.0	3843.8	3368.2	2944.4	2416.2	1956.6	1516.3	1158.0	891.2	657.5
2.5°	4719.7	4321.9	3886.5	3400.9	2974.6	2438.8	1982.4	1539.8	1175.1	909.1	677.6
0°	4742.7	4352.2	3913.2	3421.1	2990.0	2449.5	1998.0	1555.9	1187.2	923.2	695.2
-2.5°	4774.9	4378.3	3939.0	3473.0	3000.3	2482.3	2006.8	1566.4	1202.5	928.3	705.4
-5°	4791.0	4388.4	3951.4	3507.8	2997.6	2501.8	2005.7	1569.7	1212.5	930.0	712.9
-7.5°	4783.9	4385.0	3951.9	3518.8	2984.0	2506.3	1994.8	1566.2	1216.6	928.7	717.6
-10°	4762.4	4367.2	3936.8	3490.5	2971.5	2488.6	1975.4	1556.3	1214.2	924.7	719.4
-12.5°	4729.6	4334.0	3906.0	3449.9	2945.5	2452.1	1952.5	1539.2	1204.4	918.4	718.2
-15°	4687.0	4285.7	3859.1	3398.3	2902.7	2403.5	1918.1	1514.5	1185.3	911.1	713.9
-17.5°	4632.4	4222.7	3795.9	3337.0	2842.5	2343.3	1872.0	1482.2	1161.4	902.2	705.3
-20°	4534.9	4138.0	3715.7	3267.3	2764.3	2272.0	1813.8	1442.5	1133.0	889.6	693.0



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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°	4425.4	4033.1	3615.7	3173.3	2670.0	2190.0	1743.5	1395.2	1100.2	873.2	678.3
-25°	4308.5	3915.1	3499.5	3043.3	2565.9	2103.3	1673.0	1340.5	1063.3	852.9	661.1
-27.5°	4171.3	3781.4	3367.8	2900.0	2445.1	2002.8	1605.5	1292.1	1027.5	828.7	641.7
-30°	4017.1	3624.3	3203.1	2747.2	2312.6	1886.4	1529.7	1240.3	997.3	802.3	620.0
-32.5°	3840.2	3451.2	3020.7	2590.7	2172.7	1763.0	1446.2	1185.0	962.4	774.2	599.9
-35°	3639.1	3249.7	2827.3	2422.7	2024.4	1663.4	1364.4	1126.3	922.8	743.9	578.8
-37.5°	3429.5	3033.4	2633.9	2247.3	1866.8	1555.5	1290.9	1068.3	878.5	711.4	555.4
-40°	3190.1	2810.9	2431.0	2066.6	1730.3	1439.6	1211.4	1011.1	836.7	676.8	529.8
-42.5°	2943.6	2577.5	2219.4	1875.4	1595.6	1345.2	1128.1	949.4	792.6	643.5	502.2
-45°	2677.7	2331.1	1994.3	1714.2	1458.6	1245.3	1055.1	885.6	745.5	609.3	473.5
-47.5°	2397.3	2071.4	1789.8	1546.3	1342.1	1144.9	977.5	830.3	696.1	572.7	444.8
-50°	2100.3	1829.6	1601.3	1400.4	1216.6	1054.5	900.3	772.4	650.8	532.2	414.7
-52.5°	1837.1	1620.2	1431.3	1259.3	1105.9	959.5	833.6	713.0	604.1	493.5	383.3
-55°	1611.5	1433.7	1274.3	1131.2	996.1	878.0	764.5	660.4	556.2	454.7	351.5
-57.5°	1416.7	1261.4	1133.8	1009.5	897.9	797.1	701.5	606.5	510.2	414.5	326.2
-60°	1229.6	1113.7	1000.1	900.2	805.7	720.2	642.1	552.7	463.8	374.3	298.2
-62.5°	1068.0	969.0	883.2	796.0	717.6	647.9	582.2	500.1	416.1	337.1	267.8
-65°	916.6	840.5	767.4	697.9	632.9	573.8	520.6	446.1	368.2	297.6	236.3
-67.5°	772.7	715.4	658.0	599.7	548.5	500.7	455.2	387.9	318.2	256.1	205.0
-70°	644.2	595.3	550.3	507.0	465.5	425.6	382.7	325.8	265.9	219.0	172.9
-72.5°	522.9	487.1	449.8	414.2	383.5	348.4	309.0	264.7	222.6	181.1	140.2
-75°	410.6	387.0	360.7	332.4	303.8	272.5	246.4	215.4	178.8	142.6	113.0
-77.5°	328.5	305.5	279.1	256.6	237.5	216.0	192.4	165.4	136.4	110.9	87.3
-80°	242.4	224.7	209.8	196.9	179.1	159.6	140.0	120.3	99.1	79.4	61.2
-82.5°	147.8	144.0	139.9	133.9	119.1	104.6	90.3	76.3	61.3	47.4	39.3
-85°	73.9	72.4	70.2	67.1	58.0	49.1	45.0	40.8	35.8	30.9	26.3
-87.5°	24.3	26.1	27.6	28.7	26.6	24.6	22.5	20.4	17.9	15.5	13.1
-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):

	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°	0.8	0.7	0.5	0.4	0.3	0.2	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.5	0.0
80°	3.1	2.7	2.1	1.6	1.1	0.7	0.0
77.5°	3.1	3.1	2.7	2.0	1.4	0.8	0.0
75°	3.1	3.2	3.1	2.4	1.6	1.0	0.0
72.5°	3.2	3.3	3.3	2.8	1.9	1.2	0.0
70°	3.3	3.5	3.4	3.1	2.2	1.3	0.0
67.5°	3.7	3.6	3.6	3.3	2.5	1.5	0.0
65°	4.2	4.1	3.7	3.4	2.7	1.7	0.0
62.5°	4.9	5.1	3.9	3.6	3.0	1.8	0.0
60°	5.8	6.3	4.1	3.8	3.3	2.0	0.0
57.5°	10.7	7.5	5.3	3.9	3.5	2.2	0.0
55°	17.0	8.9	6.6	4.1	3.7	2.3	0.0
52.5°	24.5	11.4	8.0	4.3	3.8	2.5	0.0
50°	33.0	19.4	9.4	4.5	4.0	2.6	0.0
47.5°	44.3	28.0	10.9	4.9	4.2	2.8	0.0
45°	66.9	37.3	12.5	6.1	4.4	2.9	0.0
42.5°	89.9	47.1	14.1	7.3	4.6	3.1	0.0
40°	113.5	57.5	19.0	8.8	4.8	3.2	0.0
37.5°	137.6	68.5	27.1	10.7	5.0	3.3	0.0
35°	162.0	85.1	35.4	12.8	5.2	3.5	0.0
32.5°	188.5	104.3	43.7	15.0	5.4	3.6	0.0
30°	218.8	123.4	52.2	17.5	5.6	3.7	0.0
27.5°	248.4	142.3	62.6	20.2	5.8	3.8	0.0
25°	277.4	160.9	73.3	22.9	6.0	4.0	0.0
22.5°	305.6	179.8	84.0	25.8	6.2	4.1	0.0
20°	332.7	200.2	94.5	28.8	6.4	4.2	0.0
17.5°	359.6	219.8	104.9	31.9	6.6	4.3	0.0
15°	385.5	238.7	115.0	34.9	6.8	4.3	0.0
12.5°	409.6	256.8	124.8	38.0	7.0	4.4	0.0
10°	432.1	273.8	134.2	41.0	7.2	4.5	0.0
7.5°	452.7	289.7	143.0	43.9	7.3	4.6	0.0
5°	471.4	304.4	151.3	46.6	7.5	4.6	0.0
2.5°	488.2	317.7	158.8	49.2	7.7	4.7	0.0
0°	503.0	329.6	165.6	51.6	7.8	4.7	0.0
-2.5°	510.4	337.1	171.9	55.0	9.0	5.0	0.0
-5°	515.7	343.0	177.3	58.0	10.2	5.2	0.0
-7.5°	519.2	347.4	181.6	60.8	11.4	5.5	0.0
-10°	520.8	350.1	184.9	63.2	12.5	5.7	0.0
-12.5°	520.5	351.2	187.1	65.2	13.6	5.9	0.0
-15°	518.4	350.7	188.2	66.8	14.6	6.1	0.0
-17.5°	514.6	348.6	188.1	68.0	15.5	6.3	0.0
-20°	508.8	344.9	186.7	68.7	16.4	6.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	500.3	339.6	184.1	68.9	17.2	6.6	0.0
-25°	489.8	331.4	180.2	68.6	17.9	6.7	0.0
-27.5°	477.3	321.3	174.9	67.7	18.5	6.7	0.0
-30°	462.9	309.7	168.4	66.3	18.9	6.8	0.0
-32.5°	446.6	296.7	160.7	64.4	19.3	6.8	0.0
-35°	429.0	282.4	152.2	61.8	19.6	6.8	0.0
-37.5°	410.0	268.0	142.8	58.7	19.7	6.7	0.0
-40°	389.5	255.0	132.6	55.1	19.7	6.7	0.0
-42.5°	367.7	241.1	124.9	51.1	19.6	6.6	0.0
-45°	344.4	226.3	119.6	47.1	19.4	6.4	0.0
-47.5°	319.9	210.6	113.3	42.5	19.0	6.3	0.0
-50°	299.3	194.0	106.2	41.0	18.6	6.1	0.0
-52.5°	278.8	176.7	98.1	40.2	18.0	5.9	0.0
-55°	257.4	163.6	89.1	38.9	17.3	5.6	0.0
-57.5°	235.3	150.3	79.3	37.3	16.4	5.4	0.0
-60°	212.8	135.8	68.9	35.2	15.5	5.1	0.0
-62.5°	192.2	120.1	64.0	32.7	14.6	4.7	0.0
-65°	170.2	103.3	58.5	29.8	13.5	4.4	0.0
-67.5°	146.8	89.3	52.3	26.6	12.4	4.0	0.0
-70°	122.1	78.2	45.5	23.1	11.2	3.6	0.0
-72.5°	103.3	66.2	38.1	20.3	10.0	3.2	0.0
-75°	84.5	53.5	30.4	17.7	8.7	2.8	0.0
-77.5°	64.7	40.1	25.1	14.9	7.3	2.3	0.0
-80°	44.2	30.6	20.3	12.0	5.9	1.9	0.0
-82.5°	32.4	23.1	15.3	9.1	4.5	1.4	0.0
-85°	21.7	15.5	10.3	6.1	3.0	1.0	0.0
-87.5°	10.9	7.8	5.2	3.1	1.5	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)