

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



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: McGRAW-EDISON

Report Number: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-750-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25360.1 lumens
Efficiency: N/A
Efficacy: 123.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 28745.8 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 12209.7 lumens
Beam Efficiency: 48.1%

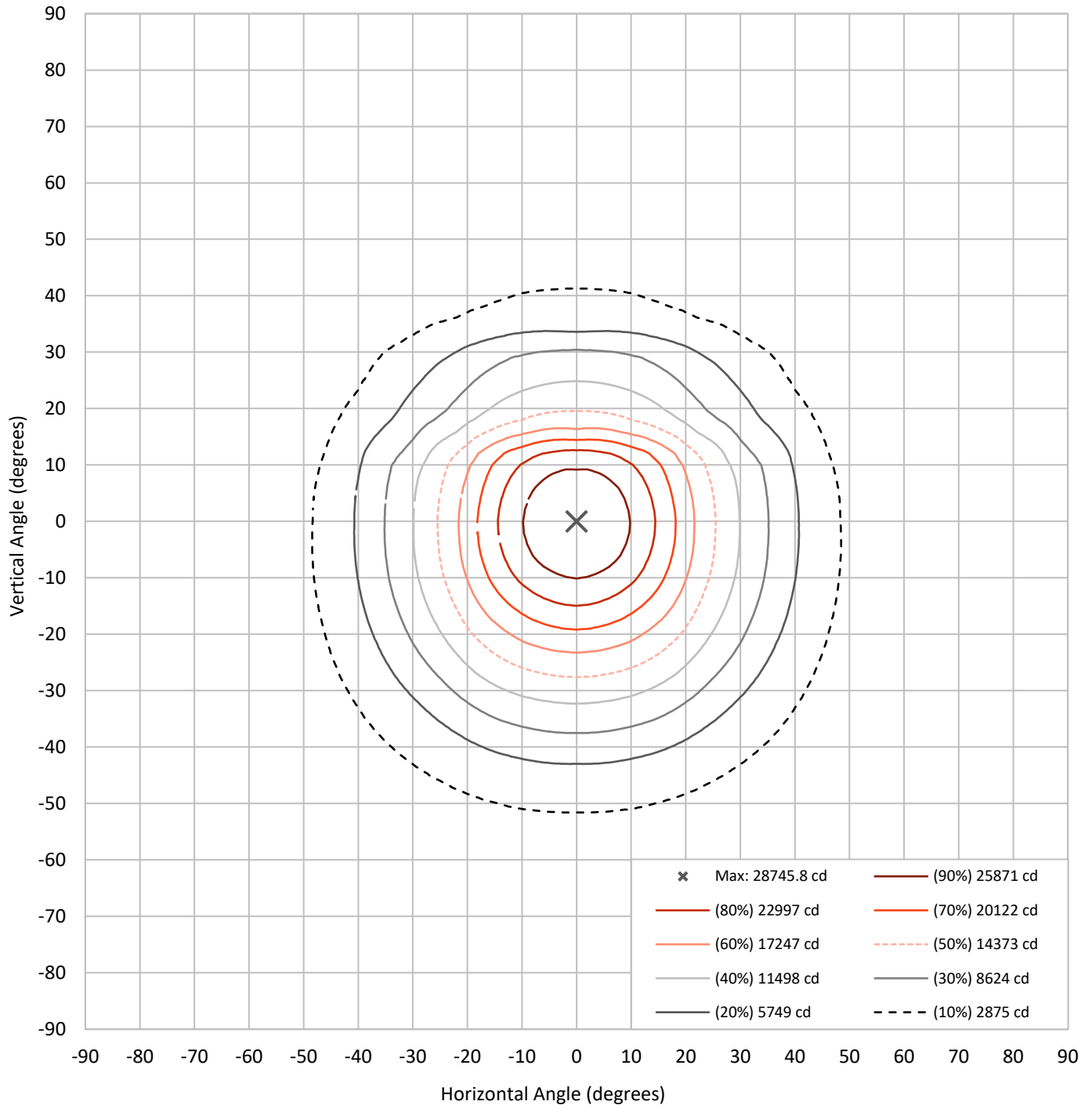
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 22705.9 lumens
Field Efficiency: 89.5%

Input Watts (W): 206.1
Input Voltage (V): 120
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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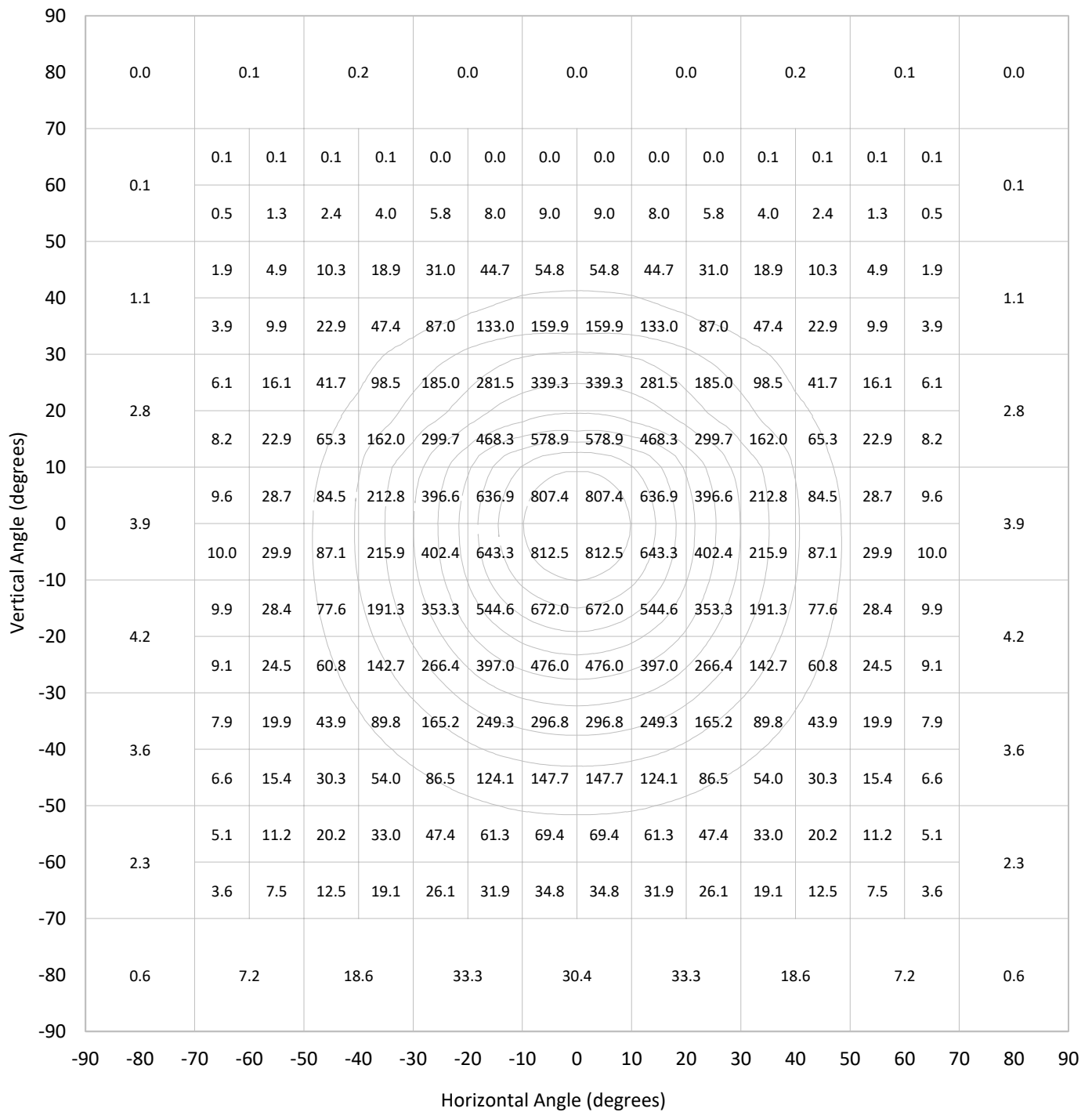
Iso-Candela Plot





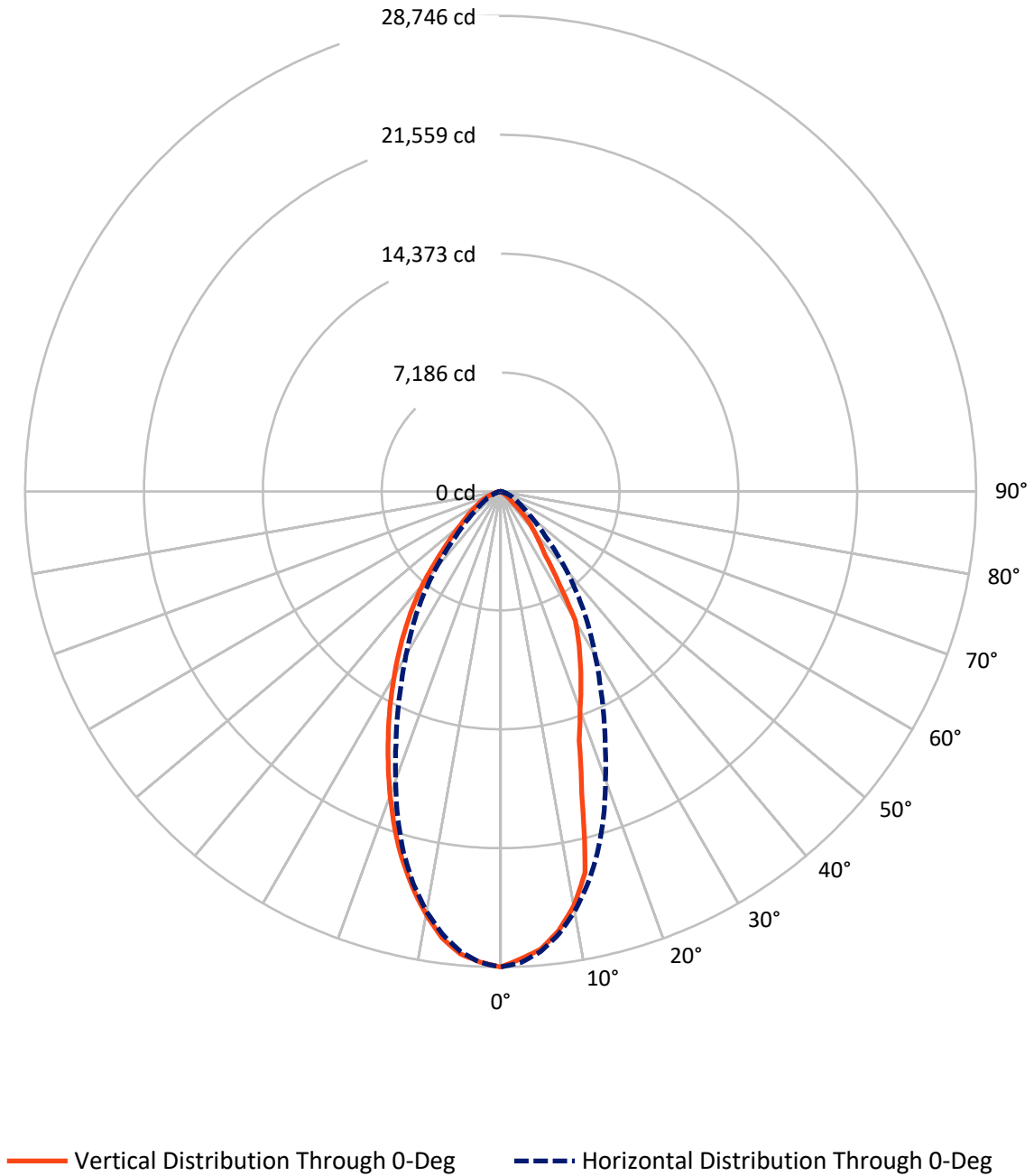
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Lumen Table



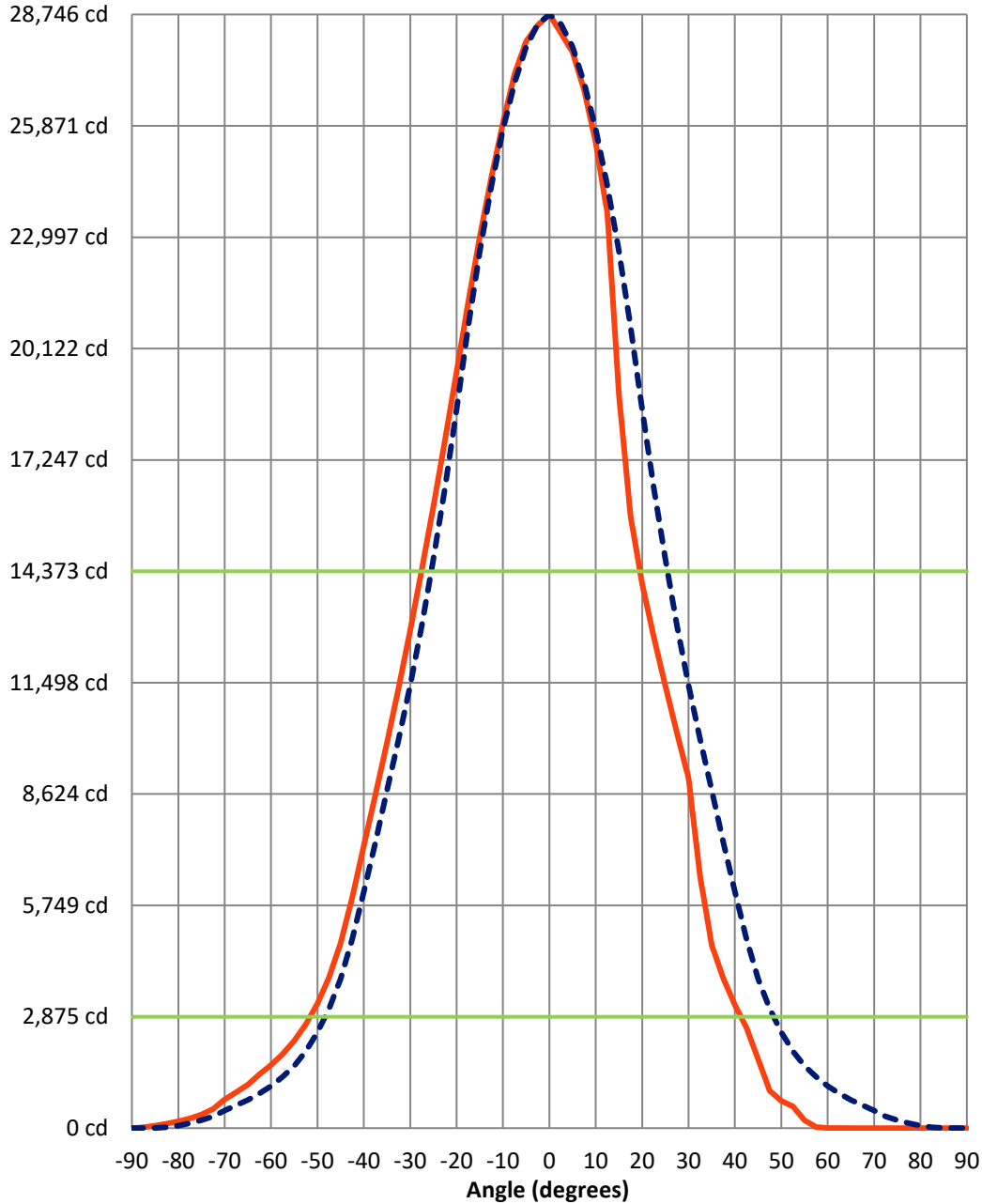
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 12209.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 22705.9
 Efficiency: 89.5%

Spill:
 Lumens: 2654.2
 Efficiency: 10.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.1	2.1	2.1
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	2.1
77.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.1	2.1	2.1	2.1	2.1
75°	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	0.0	0.6	1.3	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	0.0	0.7	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3
67.5°	0.0	0.8	1.6	2.1	2.1	2.1	2.3	2.1	2.1	2.7	2.6
65°	0.0	0.9	1.8	2.1	2.1	2.3	2.5	2.1	3.0	3.4	4.0
62.5°	0.0	1.0	1.9	2.1	2.1	2.8	2.8	2.8	3.9	5.6	8.6
60°	0.0	1.0	2.1	2.1	2.1	3.3	3.3	3.9	5.0	13.6	14.7
57.5°	0.0	1.1	2.1	2.1	2.7	3.9	5.6	5.3	13.4	22.9	25.2
55°	0.0	1.2	2.2	2.1	3.3	4.5	8.5	7.9	24.6	34.6	39.0
52.5°	0.0	1.3	2.2	2.1	3.9	5.7	11.9	19.3	36.7	51.3	55.3
50°	0.0	1.3	2.2	2.1	4.6	9.3	15.7	32.0	51.2	69.8	84.4
47.5°	0.0	1.4	2.3	2.2	5.3	13.1	20.9	44.7	70.3	90.2	114.5
45°	0.0	1.5	2.3	2.8	6.1	17.1	32.0	57.6	89.5	116.8	144.2
42.5°	0.0	1.5	2.4	3.4	6.8	21.4	43.1	72.7	108.7	143.2	177.2
40°	0.0	1.6	2.5	4.1	9.0	25.9	54.1	89.3	128.6	168.8	211.7
37.5°	0.0	1.7	2.6	5.0	12.5	30.6	65.1	105.7	150.1	195.3	246.9
35°	0.0	1.7	2.6	5.9	16.0	38.0	75.9	121.8	171.8	226.8	285.2
32.5°	0.0	1.8	2.7	7.0	19.6	46.6	87.3	137.7	193.5	259.2	328.3
30°	0.0	1.8	2.8	8.1	23.2	54.9	100.2	153.9	215.1	292.3	371.7
27.5°	0.0	1.9	2.9	9.2	27.4	63.0	112.6	171.5	238.9	325.9	415.3
25°	0.0	1.9	3.0	10.4	31.5	70.8	124.6	188.8	266.3	361.7	458.9
22.5°	0.0	1.9	3.1	11.7	35.6	78.4	136.1	205.6	293.4	397.9	503.1
20°	0.0	2.0	3.3	13.0	39.5	85.8	147.1	221.8	320.1	433.3	545.2
17.5°	0.0	2.0	3.4	14.3	43.2	92.7	157.2	237.4	346.0	467.7	585.1
15°	0.0	2.0	3.5	15.6	46.8	99.2	166.6	251.3	371.1	500.9	622.7
12.5°	0.0	2.1	3.6	16.9	50.2	105.2	175.1	262.9	391.9	532.5	657.9
10°	0.0	2.1	3.7	18.1	53.4	110.8	182.8	273.2	408.6	551.3	685.6
7.5°	0.0	2.1	3.8	19.4	56.4	115.7	189.7	282.3	423.2	565.5	700.0
5°	0.0	2.1	3.9	20.5	59.1	120.2	195.8	290.1	435.6	576.8	711.8
2.5°	0.0	2.1	4.0	21.6	61.6	124.0	201.0	296.6	445.9	585.4	720.7
0°	0.0	2.1	4.1	22.6	63.7	127.3	205.3	301.8	453.8	591.3	726.9
-2.5°	0.0	2.2	4.7	24.0	66.6	131.3	210.9	310.5	462.7	599.9	736.5
-5°	0.0	2.4	5.3	25.3	69.2	134.7	215.5	317.8	469.2	606.0	743.4
-7.5°	0.0	2.5	5.9	26.5	71.4	137.4	219.2	323.5	473.3	609.8	747.4
-10°	0.0	2.6	6.5	27.6	73.2	139.4	221.8	327.6	475.0	611.4	748.6
-12.5°	0.0	2.7	7.0	28.5	74.5	140.8	223.4	329.9	474.4	610.4	745.1
-15°	0.0	2.8	7.6	29.2	75.4	141.4	223.8	330.4	471.0	605.1	737.9
-17.5°	0.0	2.9	8.0	29.7	75.8	141.4	223.2	329.7	464.9	597.9	727.9
-20°	0.0	3.0	8.5	30.1	75.7	140.6	222.5	328.2	457.3	588.9	715.1

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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	3.0	8.8	30.3	75.1	139.0	222.7	325.2	448.3	578.1	699.6
-25°	0.0	3.1	9.2	30.3	73.9	138.5	221.7	320.9	438.0	565.8	681.4
-27.5°	0.0	3.1	9.4	30.1	72.2	137.9	219.5	315.2	426.6	551.6	664.5
-30°	0.0	3.1	9.7	29.7	70.2	136.5	216.3	308.2	416.5	535.6	646.4
-32.5°	0.0	3.2	9.8	29.0	69.3	134.1	212.0	302.4	406.6	518.8	627.0
-35°	0.0	3.2	9.9	28.2	67.8	130.9	207.8	296.1	395.3	501.5	606.5
-37.5°	0.0	3.1	10.0	27.1	65.8	127.4	203.1	288.5	382.7	483.8	582.3
-40°	0.0	3.1	9.9	25.8	63.2	124.3	197.3	279.6	368.9	467.2	556.4
-42.5°	0.0	3.1	9.8	24.6	61.3	120.4	190.3	269.4	356.1	445.7	528.9
-45°	0.0	3.0	9.7	23.7	60.1	115.7	182.2	258.7	342.9	422.7	500.3
-47.5°	0.0	2.9	9.4	22.4	58.2	110.2	173.0	247.8	328.2	398.9	473.8
-50°	0.0	2.9	9.2	22.0	55.8	104.0	164.9	235.6	308.9	377.1	446.5
-52.5°	0.0	2.8	8.8	21.7	52.7	97.0	156.3	222.1	289.7	354.5	418.8
-55°	0.0	2.6	8.4	21.1	49.1	91.3	146.6	207.7	269.9	330.8	392.7
-57.5°	0.0	2.5	7.9	20.3	44.9	85.1	136.1	194.8	249.2	307.0	365.6
-60°	0.0	2.4	7.4	19.2	40.2	78.1	124.8	179.3	227.8	282.4	337.7
-62.5°	0.0	2.2	6.9	17.8	37.4	70.2	113.8	162.0	206.7	256.7	308.9
-65°	0.0	2.1	6.4	16.2	34.2	61.6	101.8	144.0	184.2	229.6	279.1
-67.5°	0.0	1.9	5.9	14.4	30.6	53.9	88.8	125.8	160.5	201.0	246.0
-70°	0.0	1.7	5.4	12.4	26.6	47.3	74.9	107.0	138.0	171.0	210.3
-72.5°	0.0	1.5	4.8	11.0	22.3	40.1	63.6	87.6	114.9	143.8	174.4
-75°	0.0	1.3	4.1	9.6	17.7	32.5	52.2	71.4	91.1	116.0	142.3
-77.5°	0.0	1.1	3.5	8.1	14.7	24.5	40.3	56.1	72.4	89.5	109.5
-80°	0.0	0.9	2.8	6.6	11.9	18.7	27.8	40.5	53.8	67.8	82.5
-82.5°	0.0	0.7	2.1	5.0	9.0	14.2	20.5	27.1	35.0	45.8	57.1
-85°	0.0	0.4	1.4	3.3	6.0	9.5	13.8	18.1	23.1	28.6	34.6
-87.5°	0.0	0.2	0.7	1.7	3.0	4.8	6.9	9.1	11.6	14.3	17.4
-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: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-WR-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°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
85°	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.7
67.5°	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	1.6	1.1
65°	2.1	2.1	2.9	3.1	2.2	2.1	2.1	2.1	2.2	1.9	1.9
62.5°	3.0	3.7	4.6	7.2	5.4	2.1	4.1	4.7	3.2	2.6	2.8
60°	9.0	6.2	15.8	21.9	14.4	7.6	9.3	18.7	15.4	4.2	10.9
57.5°	18.1	22.3	39.8	41.8	32.1	21.7	47.6	52.7	43.7	27.5	39.6
55°	37.8	53.1	67.1	66.4	66.8	83.9	98.6	96.8	85.4	117.7	148.2
52.5°	71.5	87.4	96.7	105.4	129.3	145.3	149.8	158.9	192.4	232.4	239.7
50°	104.9	121.3	133.6	164.8	189.4	202.0	213.7	244.3	294.9	322.4	326.8
47.5°	138.8	157.1	189.4	223.5	247.3	266.3	286.6	356.2	412.7	436.1	444.5
45°	174.1	205.8	246.0	281.1	308.7	334.4	400.4	495.5	535.2	571.1	662.4
42.5°	210.8	258.4	303.8	340.6	371.6	425.4	517.3	609.5	666.4	742.6	852.9
40°	257.5	310.9	363.5	400.9	439.6	521.3	635.1	732.5	792.7	895.1	1020.8
37.5°	305.0	367.5	424.3	463.7	518.1	628.5	762.2	879.0	953.6	1037.0	1238.9
35°	351.9	425.1	483.3	536.2	603.5	755.7	920.5	1050.4	1142.7	1285.5	1540.9
32.5°	402.0	483.8	543.3	615.3	725.8	896.0	1098.4	1242.7	1395.8	1601.1	2010.4
30°	455.3	538.8	607.2	693.8	841.9	1040.5	1275.4	1456.7	1664.5	1998.0	2439.2
27.5°	508.4	593.5	677.8	787.9	950.6	1165.2	1410.5	1696.4	1964.8	2337.8	2820.1
25°	559.5	649.3	747.1	880.1	1056.1	1280.7	1548.5	1878.2	2228.6	2655.3	3221.5
22.5°	608.2	706.0	820.4	963.4	1145.0	1390.4	1709.7	2097.0	2518.0	2959.9	3610.7
20°	656.0	769.2	900.6	1060.6	1226.9	1491.5	1867.4	2336.4	2864.0	3469.4	4107.1
17.5°	703.2	831.8	983.4	1161.2	1362.7	1633.5	2029.0	2587.4	3229.5	4017.5	4802.7
15°	749.5	893.0	1063.4	1260.6	1499.8	1823.4	2272.6	2886.3	3662.2	4605.7	5535.8
12.5°	794.3	952.5	1140.3	1357.7	1632.6	2002.1	2502.2	3164.2	4053.3	5180.5	6323.1
10°	837.3	1009.5	1213.2	1451.4	1759.9	2168.4	2705.1	3404.7	4348.3	5510.1	6780.8
7.5°	859.2	1048.1	1275.4	1540.5	1880.0	2321.1	2881.7	3607.9	4578.8	5775.0	7049.2
5°	874.9	1065.8	1298.8	1576.1	1946.0	2424.9	3016.8	3774.0	4748.8	5974.4	7231.0
2.5°	886.9	1078.4	1315.9	1596.2	1972.1	2459.5	3061.4	3831.9	4839.9	6078.4	7336.9
0°	895.2	1086.2	1326.4	1607.7	1985.5	2476.2	3082.0	3856.0	4878.6	6102.3	7375.4
-2.5°	904.0	1096.8	1337.5	1625.6	2004.4	2499.0	3104.6	3873.1	4907.6	6109.0	7396.2
-5°	909.1	1102.5	1341.8	1634.2	2010.4	2503.3	3103.0	3856.9	4884.5	6061.0	7351.0
-7.5°	910.5	1103.2	1339.4	1632.5	2002.7	2483.9	3070.2	3808.7	4804.8	5964.0	7240.0
-10°	908.3	1098.3	1330.6	1617.7	1980.1	2443.6	3011.5	3725.3	4673.9	5803.8	7052.4
-12.5°	901.6	1088.0	1314.8	1593.6	1943.9	2386.2	2928.9	3606.4	4492.2	5581.1	6788.0
-15°	891.0	1072.7	1291.9	1560.1	1893.8	2312.4	2822.7	3452.0	4258.1	5298.0	6458.7
-17.5°	876.3	1052.4	1261.9	1517.3	1829.8	2222.8	2694.3	3271.3	4005.8	4982.1	6092.7
-20°	857.6	1027.2	1224.9	1465.5	1756.0	2128.4	2575.2	3111.3	3769.6	4620.3	5660.8

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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°	834.8	997.0	1185.7	1415.9	1690.5	2030.4	2442.0	2929.9	3504.6	4202.2	5189.2
-25°	811.5	968.2	1147.6	1360.6	1615.7	1919.3	2289.6	2734.1	3254.6	3893.1	4709.2
-27.5°	788.4	935.0	1103.6	1296.9	1531.9	1804.7	2146.3	2551.6	3015.4	3558.3	4222.9
-30°	762.4	897.9	1055.0	1230.2	1451.6	1704.9	2000.1	2347.4	2759.8	3250.4	3828.1
-32.5°	734.1	858.1	1007.9	1172.4	1365.6	1596.1	1851.5	2165.6	2524.4	2929.1	3428.5
-35°	705.8	824.1	959.7	1110.1	1273.3	1489.1	1723.8	1984.4	2289.6	2648.0	3047.3
-37.5°	678.6	787.1	908.1	1048.3	1201.4	1380.6	1587.9	1823.1	2085.9	2371.0	2716.0
-40°	648.4	747.1	861.5	988.5	1123.9	1279.3	1466.2	1665.9	1892.0	2142.9	2409.4
-42.5°	615.5	710.4	814.7	924.2	1048.4	1187.2	1342.3	1524.9	1712.8	1923.0	2155.6
-45°	583.3	670.4	765.9	865.8	970.3	1092.9	1233.8	1385.7	1552.3	1723.8	1919.2
-47.5°	549.3	628.9	717.8	804.9	897.5	1002.1	1121.5	1259.4	1398.4	1551.1	1702.5
-50°	515.4	590.0	664.8	746.0	829.0	916.0	1017.0	1135.9	1262.4	1389.1	1522.5
-52.5°	484.9	549.5	617.1	686.8	762.3	839.8	923.9	1022.0	1132.6	1244.2	1359.1
-55°	453.9	513.4	569.2	631.6	697.0	766.7	841.7	924.2	1007.7	1109.4	1208.3
-57.5°	423.5	476.3	524.8	578.1	636.2	695.4	763.0	833.1	908.9	985.7	1066.7
-60°	393.0	437.9	481.9	528.0	576.7	629.4	683.8	745.4	810.4	877.1	947.3
-62.5°	361.5	397.9	436.7	478.9	521.8	562.3	607.9	658.3	711.9	769.2	828.6
-65°	326.3	356.5	388.8	425.5	465.9	498.6	533.5	571.3	615.6	662.8	709.5
-67.5°	288.7	315.4	341.8	369.0	401.7	431.0	459.7	489.8	522.9	561.5	599.0
-70°	246.8	273.4	296.7	319.3	340.0	360.9	385.3	409.1	435.7	470.4	504.4
-72.5°	204.2	229.2	251.2	270.3	285.0	297.4	312.4	329.7	355.2	387.4	417.4
-75°	165.1	185.3	205.9	224.3	233.8	237.5	240.6	249.7	275.6	308.5	337.7
-77.5°	128.6	146.2	163.0	179.0	185.7	188.3	189.5	189.5	208.6	236.6	266.2
-80°	94.7	106.9	121.2	134.9	139.0	140.2	140.4	139.5	155.1	175.3	197.0
-82.5°	65.8	74.6	83.7	93.0	94.2	93.6	92.2	90.9	103.5	118.1	133.1
-85°	38.4	42.0	47.6	53.3	53.9	53.6	52.7	51.0	58.0	66.0	74.4
-87.5°	19.2	21.0	22.9	24.7	24.1	23.1	21.8	20.3	22.3	24.3	26.4
-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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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°	1.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.1	1.6	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.1	1.6	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.1	1.7	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.1	1.7	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.1	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.1	1.8	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.2	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.0	1.1	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.2	2.1	1.6	1.0	0.5	0.4	0.5	0.4	0.2	0.0	0.0
62.5°	2.7	2.6	1.9	1.8	1.9	2.1	1.7	1.5	1.4	1.5	1.7
60°	11.6	6.7	6.8	8.6	7.4	3.4	6.7	8.5	7.9	6.0	5.3
57.5°	59.0	49.4	34.5	57.8	59.5	41.4	45.0	58.7	56.9	44.0	43.8
55°	148.5	150.7	161.8	176.4	187.2	192.2	196.6	218.7	242.3	265.3	276.9
52.5°	245.3	274.0	309.7	333.3	349.8	383.6	430.9	452.6	473.8	497.8	515.1
50°	361.2	411.1	446.9	452.1	508.4	545.0	553.6	594.3	638.7	666.4	686.2
47.5°	537.4	600.5	631.7	651.6	720.1	795.2	795.3	818.7	929.9	988.1	1016.1
45°	774.1	826.7	881.9	1025.3	1157.2	1199.0	1288.6	1409.9	1488.8	1597.3	1716.6
42.5°	975.6	1074.3	1212.6	1370.6	1502.8	1612.8	1745.9	1891.8	2066.9	2231.7	2373.8
40°	1175.0	1297.2	1468.5	1640.3	1806.8	1959.3	2173.8	2361.4	2568.0	2794.7	2983.5
37.5°	1435.2	1591.7	1768.7	1985.4	2244.5	2413.8	2708.8	2978.3	3211.1	3484.8	3653.4
35°	1834.9	2038.9	2195.5	2633.5	2948.7	3146.7	3496.0	3938.9	4109.0	4453.7	4617.2
32.5°	2337.4	2608.4	3020.9	3600.8	4021.8	4386.3	4908.4	5357.8	5740.9	6087.1	6447.1
30°	2902.0	3320.3	3928.2	4698.8	5126.4	5637.0	6343.0	6875.9	7476.7	8136.1	8367.1
27.5°	3414.5	4040.8	4746.7	5370.9	5985.0	6620.9	7314.7	7999.3	8649.5	9198.2	9566.5
25°	3889.4	4647.9	5333.9	6001.0	6666.4	7382.6	8167.2	8943.6	9659.1	10223.8	10653.1
22.5°	4379.2	5180.6	5914.5	6591.4	7365.4	8176.9	9011.3	9901.8	10716.1	11301.9	11769.6
20°	4839.7	5731.1	6568.2	7338.9	8070.5	9007.3	9968.2	10912.8	11799.6	12497.3	13036.6
17.5°	5570.8	6344.5	7367.6	8368.8	9193.0	10053.6	11337.6	12312.6	13296.6	14132.3	14703.9
15°	6468.5	7319.3	8375.8	9750.7	10880.1	11866.1	13192.5	14778.6	15939.3	17006.1	17737.9
12.5°	7367.0	8329.3	9472.1	11019.4	12627.3	13788.7	15397.9	17407.7	18759.7	20411.3	21225.6
10°	8055.6	9264.1	10440.9	11852.9	13397.1	15051.0	16785.8	18666.1	20472.5	21890.7	23158.5
7.5°	8332.9	9620.1	10982.4	12423.1	13967.2	15674.1	17523.0	19479.6	21338.7	22922.7	24316.0
5°	8540.1	9859.0	11230.4	12703.5	14354.1	16136.6	18013.1	20067.2	21965.8	23663.6	25089.1
2.5°	8671.8	10003.1	11368.6	12866.2	14602.3	16437.7	18374.5	20483.0	22410.1	24157.9	25578.8
0°	8722.3	10034.4	11432.6	12974.6	14693.2	16533.0	18553.4	20686.7	22629.1	24319.0	25780.9
-2.5°	8729.2	10005.3	11436.8	12971.3	14615.7	16472.7	18517.5	20633.1	22536.0	24219.0	25694.0
-5°	8660.7	9936.3	11369.1	12880.3	14527.0	16370.0	18327.0	20371.4	22186.2	23824.2	25244.3
-7.5°	8521.8	9793.8	11195.0	12671.6	14273.9	16061.5	17941.2	19841.8	21622.2	23193.2	24548.5
-10°	8315.7	9561.0	10913.6	12352.3	13868.5	15568.8	17361.1	19177.0	20846.6	22299.5	23552.7
-12.5°	8036.6	9253.1	10544.8	11918.3	13329.6	14950.7	16643.0	18348.3	19870.1	21196.4	22320.9
-15°	7674.1	8862.2	10113.0	11411.9	12780.5	14246.5	15765.3	17329.5	18733.0	19909.2	20936.4
-17.5°	7247.1	8399.4	9587.2	10791.4	12089.9	13465.4	14875.2	16279.3	17476.4	18521.3	19460.6
-20°	6771.0	7881.4	9009.6	10132.1	11310.3	12582.4	13884.5	15117.8	16163.9	17113.3	17972.9



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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°	6237.3	7300.1	8381.5	9432.0	10494.4	11646.2	12809.1	13924.5	14902.9	15715.1	16462.0
-25°	5666.0	6648.0	7669.1	8654.0	9631.9	10664.1	11720.3	12746.5	13607.7	14312.9	14930.1
-27.5°	5090.2	5987.5	6887.3	7814.5	8718.4	9670.9	10627.1	11513.5	12286.6	12935.9	13454.5
-30°	4485.1	5287.3	6108.9	6947.9	7810.9	8682.5	9546.6	10322.7	10997.6	11568.6	12016.9
-32.5°	3982.2	4591.6	5317.0	6078.6	6887.6	7681.7	8433.3	9140.8	9776.8	10275.3	10655.5
-35°	3500.1	4016.2	4559.5	5233.6	5928.6	6659.4	7350.8	7982.2	8549.2	8984.8	9342.4
-37.5°	3085.7	3493.9	3953.3	4434.6	5017.3	5621.5	6245.5	6839.2	7344.7	7724.8	8044.2
-40°	2727.0	3049.3	3416.4	3797.9	4226.7	4660.7	5204.1	5705.2	6117.8	6473.0	6762.4
-42.5°	2402.8	2674.7	2945.8	3258.8	3582.3	3931.1	4312.5	4683.1	4999.8	5297.1	5542.9
-45°	2122.8	2340.1	2556.2	2797.9	3035.5	3319.2	3591.5	3834.6	4091.1	4313.8	4489.0
-47.5°	1878.1	2047.5	2232.7	2413.6	2604.3	2818.0	3020.7	3205.7	3393.6	3556.5	3687.1
-50°	1660.6	1801.0	1952.2	2094.3	2248.6	2404.9	2554.8	2701.9	2844.7	2968.6	3064.9
-52.5°	1470.2	1592.9	1710.7	1823.9	1946.5	2062.2	2170.7	2292.1	2403.8	2501.4	2567.4
-55°	1308.0	1408.2	1504.8	1599.3	1692.1	1779.7	1866.2	1960.5	2046.7	2124.2	2173.4
-57.5°	1155.8	1241.1	1322.8	1400.0	1473.7	1543.4	1616.2	1688.7	1755.1	1813.6	1851.6
-60°	1017.3	1087.0	1157.7	1220.7	1280.1	1335.8	1397.1	1455.1	1508.7	1553.8	1580.0
-62.5°	890.4	952.9	1005.1	1055.0	1105.5	1155.7	1199.2	1242.0	1283.4	1318.3	1341.2
-65°	757.8	810.7	855.1	895.2	931.3	970.2	1007.4	1041.0	1070.8	1093.5	1108.0
-67.5°	639.1	678.0	713.7	745.5	777.7	808.9	837.5	863.0	885.4	901.2	911.6
-70°	536.0	565.7	594.8	623.8	652.5	676.8	697.5	716.6	733.9	741.1	744.3
-72.5°	445.4	471.8	497.4	522.9	546.8	565.7	581.0	595.0	607.6	596.7	577.8
-75°	363.2	386.4	410.4	432.9	454.0	468.5	479.8	490.2	499.7	476.2	443.9
-77.5°	296.0	316.4	334.1	351.7	369.1	378.4	385.5	392.6	399.3	373.1	340.0
-80°	219.6	236.1	251.1	265.9	280.4	285.9	289.1	291.2	292.4	270.0	244.0
-82.5°	148.4	156.9	165.2	173.7	182.6	187.2	190.6	193.3	195.3	179.3	161.4
-85°	83.1	85.7	87.7	89.4	90.9	93.8	96.6	99.1	101.5	93.9	85.6
-87.5°	28.6	28.6	28.5	28.2	27.9	28.0	28.0	27.9	27.7	26.5	25.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627662 (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°
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	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
62.5°	1.9	2.0	2.1	2.1	2.1	2.0	1.9	1.7	1.5	1.4	1.5
60°	4.1	2.5	2.1	2.1	2.1	2.5	4.1	5.3	6.0	7.9	8.5
57.5°	40.9	35.6	32.0	28.7	32.0	35.6	40.9	43.8	44.0	56.9	58.7
55°	272.0	253.2	230.3	203.3	230.3	253.2	272.0	276.9	265.3	242.3	218.7
52.5°	533.4	551.2	561.4	560.5	561.4	551.2	533.4	515.1	497.8	473.8	452.6
50°	702.2	711.8	712.3	704.3	712.3	711.8	702.2	686.2	666.4	638.7	594.3
47.5°	1028.8	1015.3	992.1	967.1	992.1	1015.3	1028.8	1016.1	988.1	929.9	818.7
45°	1795.1	1838.4	1835.5	1780.2	1835.5	1838.4	1795.1	1716.6	1597.3	1488.8	1409.9
42.5°	2453.2	2518.0	2563.8	2587.1	2563.8	2518.0	2453.2	2373.8	2231.7	2066.9	1891.8
40°	3089.9	3152.5	3180.1	3178.5	3180.1	3152.5	3089.9	2983.5	2794.7	2568.0	2361.4
37.5°	3762.7	3843.7	3883.0	3864.3	3883.0	3843.7	3762.7	3653.4	3484.8	3211.1	2978.3
35°	4688.0	4763.8	4765.1	4726.6	4765.1	4763.8	4688.0	4617.2	4453.7	4109.0	3938.9
32.5°	6733.0	6758.3	6563.6	6494.5	6563.6	6758.3	6733.0	6447.1	6087.1	5740.9	5357.8
30°	8597.0	8776.7	8943.9	9028.2	8943.9	8776.7	8597.0	8367.1	8136.1	7476.7	6875.9
27.5°	9844.1	10060.2	10194.2	10202.7	10194.2	10060.2	9844.1	9566.5	9198.2	8649.5	7999.3
25°	10978.3	11220.1	11366.2	11416.2	11366.2	11220.1	10978.3	10653.1	10223.8	9659.1	8943.6
22.5°	12166.6	12451.6	12640.4	12679.0	12640.4	12451.6	12166.6	11769.6	11301.9	10716.1	9901.8
20°	13545.3	13877.0	14058.0	14050.6	14058.0	13877.0	13545.3	13036.6	12497.3	11799.6	10912.8
17.5°	15360.4	15716.0	15872.4	15804.1	15872.4	15716.0	15360.4	14703.9	14132.3	13296.6	12312.6
15°	18489.1	19233.2	19230.2	18933.2	19230.2	19233.2	18489.1	17737.9	17006.1	15939.3	14778.6
12.5°	22348.4	22903.0	23471.9	23594.2	23471.9	22903.0	22348.4	21225.6	20411.3	18759.7	17407.7
10°	24226.3	24962.7	25448.7	25436.0	25448.7	24962.7	24226.3	23158.5	21890.7	20472.5	18666.1
7.5°	25401.2	26214.8	26803.8	26791.1	26803.8	26214.8	25401.2	24316.0	22922.7	21338.7	19479.6
5°	26307.9	27210.3	27731.9	27770.5	27731.9	27210.3	26307.9	25089.1	23663.6	21965.8	20067.2
2.5°	26778.9	27720.8	28347.9	28265.4	28347.9	27720.8	26778.9	25578.8	24157.9	22410.1	20483.0
0°	26975.9	27908.1	28493.3	28745.8	28493.3	27908.1	26975.9	25780.9	24319.0	22629.1	20686.7
-2.5°	26889.9	27797.0	28443.7	28468.6	28443.7	27797.0	26889.9	25694.0	24219.0	22536.0	20633.1
-5°	26429.1	27386.4	27819.6	28049.8	27819.6	27386.4	26429.1	25244.3	23824.2	22186.2	20371.4
-7.5°	25686.2	26403.4	26953.8	27207.9	26953.8	26403.4	25686.2	24548.5	23193.2	21622.2	19841.8
-10°	24529.8	25272.3	25737.5	25947.2	25737.5	25272.3	24529.8	23552.7	22299.5	20846.6	19177.0
-12.5°	23248.7	23923.6	24365.8	24542.8	24365.8	23923.6	23248.7	22320.9	21196.4	19870.1	18348.3
-15°	21819.5	22432.2	22839.2	23009.0	22839.2	22432.2	21819.5	20936.4	19909.2	18733.0	17329.5
-17.5°	20246.1	20783.1	21188.6	21310.9	21188.6	20783.1	20246.1	19460.6	18521.3	17476.4	16279.3
-20°	18628.3	19113.7	19447.7	19520.5	19447.7	19113.7	18628.3	17972.9	17113.3	16163.9	15117.8



REPORT NUMBER: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16998.2	17398.1	17669.4	17760.8	17669.4	17398.1	16998.2	16462.0	15715.1	14902.9	13924.5
-25°	15405.2	15750.3	15968.7	16050.4	15968.7	15750.3	15405.2	14930.1	14312.9	13607.7	12746.5
-27.5°	13873.0	14194.8	14395.4	14422.2	14395.4	14194.8	13873.0	13454.5	12935.9	12286.6	11513.5
-30°	12365.5	12631.3	12785.9	12851.4	12785.9	12631.3	12365.5	12016.9	11568.6	10997.6	10322.7
-32.5°	10956.6	11188.8	11327.7	11364.9	11327.7	11188.8	10956.6	10655.5	10275.3	9776.8	9140.8
-35°	9626.7	9841.0	9964.2	9954.3	9964.2	9841.0	9626.7	9342.4	8984.8	8549.2	7982.2
-37.5°	8308.3	8506.1	8617.8	8607.3	8617.8	8506.1	8308.3	8044.2	7724.8	7344.7	6839.2
-40°	7000.4	7171.0	7269.4	7293.2	7269.4	7171.0	7000.4	6762.4	6473.0	6117.8	5705.2
-42.5°	5747.2	5904.8	5983.5	5952.4	5983.5	5904.8	5747.2	5542.9	5297.1	4999.8	4683.1
-45°	4611.6	4693.1	4746.6	4780.0	4746.6	4693.1	4611.6	4489.0	4313.8	4091.1	3834.6
-47.5°	3782.7	3850.2	3886.7	3893.0	3886.7	3850.2	3782.7	3687.1	3556.5	3393.6	3205.7
-50°	3139.9	3197.3	3222.7	3215.4	3222.7	3197.3	3139.9	3064.9	2968.6	2844.7	2701.9
-52.5°	2614.9	2648.1	2670.6	2681.6	2670.6	2648.1	2614.9	2567.4	2501.4	2403.8	2292.1
-55°	2210.3	2236.2	2251.4	2256.5	2251.4	2236.2	2210.3	2173.4	2124.2	2046.7	1960.5
-57.5°	1883.2	1907.9	1916.9	1913.7	1916.9	1907.9	1883.2	1851.6	1813.6	1755.1	1688.7
-60°	1600.2	1614.3	1624.9	1630.3	1624.9	1614.3	1600.2	1580.0	1553.8	1508.7	1455.1
-62.5°	1359.4	1372.6	1383.7	1390.1	1383.7	1372.6	1359.4	1341.2	1318.3	1283.4	1242.0
-65°	1118.2	1124.0	1125.7	1123.1	1125.7	1124.0	1118.2	1108.0	1093.5	1070.8	1041.0
-67.5°	919.3	924.2	927.6	928.1	927.6	924.2	919.3	911.6	901.2	885.4	863.0
-70°	747.4	749.4	747.0	741.2	747.0	749.4	747.4	744.3	741.1	733.9	716.6
-72.5°	558.3	537.8	517.4	494.8	517.4	537.8	558.3	577.8	596.7	607.6	595.0
-75°	410.4	375.8	363.2	351.1	363.2	375.8	410.4	443.9	476.2	499.7	490.2
-77.5°	305.3	269.3	259.6	250.5	259.6	269.3	305.3	340.0	373.1	399.3	392.6
-80°	216.9	188.8	182.6	176.6	182.6	188.8	216.9	244.0	270.0	292.4	291.2
-82.5°	142.5	122.9	119.0	115.0	119.0	122.9	142.5	161.4	179.3	195.3	193.3
-85°	76.7	67.5	65.7	63.7	65.7	67.5	76.7	85.6	93.9	101.5	99.1
-87.5°	23.9	22.5	22.6	22.6	22.6	22.5	23.9	25.3	26.5	27.7	27.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-WR-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°	0.0	0.0	0.0	0.5	0.9	1.3	1.7	1.7	1.6	1.5	1.5
85°	0.0	0.0	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.1
82.5°	0.0	0.0	0.0	0.6	1.1	1.6	2.1	2.1	2.1	2.1	2.1
80°	0.0	0.0	0.1	0.6	1.1	1.7	2.1	2.1	2.1	2.1	2.1
77.5°	0.0	0.0	0.1	0.6	1.2	1.7	2.1	2.1	2.1	2.1	2.1
75°	0.0	0.0	0.2	0.7	1.2	1.8	2.1	2.1	2.1	2.1	2.1
72.5°	0.0	0.0	0.1	0.6	1.3	1.8	2.1	2.1	2.1	2.1	2.1
70°	0.0	0.0	0.1	0.1	0.1	0.6	1.2	1.7	2.0	2.1	2.1
67.5°	0.0	0.0	0.4	0.9	1.1	1.1	1.0	1.1	1.6	2.1	2.1
65°	0.5	0.4	0.5	1.0	1.6	2.1	2.2	1.9	1.9	2.2	2.1
62.5°	1.7	2.1	1.9	1.8	1.9	2.6	2.7	2.8	2.6	3.2	4.7
60°	6.7	3.4	7.4	8.6	6.8	6.7	11.6	10.9	4.2	15.4	18.7
57.5°	45.0	41.4	59.5	57.8	34.5	49.4	59.0	39.6	27.5	43.7	52.7
55°	196.6	192.2	187.2	176.4	161.8	150.7	148.5	148.2	117.7	85.4	96.8
52.5°	430.9	383.6	349.8	333.3	309.7	274.0	245.3	239.7	232.4	192.4	158.9
50°	553.6	545.0	508.4	452.1	446.9	411.1	361.2	326.8	322.4	294.9	244.3
47.5°	795.3	795.2	720.1	651.6	631.7	600.5	537.4	444.5	436.1	412.7	356.2
45°	1288.6	1199.0	1157.2	1025.3	881.9	826.7	774.1	662.4	571.1	535.2	495.5
42.5°	1745.9	1612.8	1502.8	1370.6	1212.6	1074.3	975.6	852.9	742.6	666.4	609.5
40°	2173.8	1959.3	1806.8	1640.3	1468.5	1297.2	1175.0	1020.8	895.1	792.7	732.5
37.5°	2708.8	2413.8	2244.5	1985.4	1768.7	1591.7	1435.2	1238.9	1037.0	953.6	879.0
35°	3496.0	3146.7	2948.7	2633.5	2195.5	2038.9	1834.9	1540.9	1285.5	1142.7	1050.4
32.5°	4908.4	4386.3	4021.8	3600.8	3020.9	2608.4	2337.4	2010.4	1601.1	1395.8	1242.7
30°	6343.0	5637.0	5126.4	4698.8	3928.2	3320.3	2902.0	2439.2	1998.0	1664.5	1456.7
27.5°	7314.7	6620.9	5985.0	5370.9	4746.7	4040.8	3414.5	2820.1	2337.8	1964.8	1696.4
25°	8167.2	7382.6	6666.4	6001.0	5333.9	4647.9	3889.4	3221.5	2655.3	2228.6	1878.2
22.5°	9011.3	8176.9	7365.4	6591.4	5914.5	5180.6	4379.2	3610.7	2959.9	2518.0	2097.0
20°	9968.2	9007.3	8070.5	7338.9	6568.2	5731.1	4839.7	4107.1	3469.4	2864.0	2336.4
17.5°	11337.6	10053.6	9193.0	8368.8	7367.6	6344.5	5570.8	4802.7	4017.5	3229.5	2587.4
15°	13192.5	11866.1	10880.1	9750.7	8375.8	7319.3	6468.5	5535.8	4605.7	3662.2	2886.3
12.5°	15397.9	13788.7	12627.3	11019.4	9472.1	8329.3	7367.0	6323.1	5180.5	4053.3	3164.2
10°	16785.8	15051.0	13397.1	11852.9	10440.9	9264.1	8055.6	6780.8	5510.1	4348.3	3404.7
7.5°	17523.0	15674.1	13967.2	12423.1	10982.4	9620.1	8332.9	7049.2	5775.0	4578.8	3607.9
5°	18013.1	16136.6	14354.1	12703.5	11230.4	9859.0	8540.1	7231.0	5974.4	4748.8	3774.0
2.5°	18374.5	16437.7	14602.3	12866.2	11368.6	10003.1	8671.8	7336.9	6078.4	4839.9	3831.9
0°	18553.4	16533.0	14693.2	12974.6	11432.6	10034.4	8722.3	7375.4	6102.3	4878.6	3856.0
-2.5°	18517.5	16472.7	14615.7	12971.3	11436.8	10005.3	8729.2	7396.2	6109.0	4907.6	3873.1
-5°	18327.0	16370.0	14527.0	12880.3	11369.1	9936.3	8660.7	7351.0	6061.0	4884.5	3856.9
-7.5°	17941.2	16061.5	14273.9	12671.6	11195.0	9793.8	8521.8	7240.0	5964.0	4804.8	3808.7
-10°	17361.1	15568.8	13868.5	12352.3	10913.6	9561.0	8315.7	7052.4	5803.8	4673.9	3725.3
-12.5°	16643.0	14950.7	13329.6	11918.3	10544.8	9253.1	8036.6	6788.0	5581.1	4492.2	3606.4
-15°	15765.3	14246.5	12780.5	11411.9	10113.0	8862.2	7674.1	6458.7	5298.0	4258.1	3452.0
-17.5°	14875.2	13465.4	12089.9	10791.4	9587.2	8399.4	7247.1	6092.7	4982.1	4005.8	3271.3
-20°	13884.5	12582.4	11310.3	10132.1	9009.6	7881.4	6771.0	5660.8	4620.3	3769.6	3111.3



REPORT NUMBER: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12809.1	11646.2	10494.4	9432.0	8381.5	7300.1	6237.3	5189.2	4202.2	3504.6	2929.9
-25°	11720.3	10664.1	9631.9	8654.0	7669.1	6648.0	5666.0	4709.2	3893.1	3254.6	2734.1
-27.5°	10627.1	9670.9	8718.4	7814.5	6887.3	5987.5	5090.2	4222.9	3558.3	3015.4	2551.6
-30°	9546.6	8682.5	7810.9	6947.9	6108.9	5287.3	4485.1	3828.1	3250.4	2759.8	2347.4
-32.5°	8433.3	7681.7	6887.6	6078.6	5317.0	4591.6	3982.2	3428.5	2929.1	2524.4	2165.6
-35°	7350.8	6659.4	5928.6	5233.6	4559.5	4016.2	3500.1	3047.3	2648.0	2289.6	1984.4
-37.5°	6245.5	5621.5	5017.3	4434.6	3953.3	3493.9	3085.7	2716.0	2371.0	2085.9	1823.1
-40°	5204.1	4660.7	4226.7	3797.9	3416.4	3049.3	2727.0	2409.4	2142.9	1892.0	1665.9
-42.5°	4312.5	3931.1	3582.3	3258.8	2945.8	2674.7	2402.8	2155.6	1923.0	1712.8	1524.9
-45°	3591.5	3319.2	3035.5	2797.9	2556.2	2340.1	2122.8	1919.2	1723.8	1552.3	1385.7
-47.5°	3020.7	2818.0	2604.3	2413.6	2232.7	2047.5	1878.1	1702.5	1551.1	1398.4	1259.4
-50°	2554.8	2404.9	2248.6	2094.3	1952.2	1801.0	1660.6	1522.5	1389.1	1262.4	1135.9
-52.5°	2170.7	2062.2	1946.5	1823.9	1710.7	1592.9	1470.2	1359.1	1244.2	1132.6	1022.0
-55°	1866.2	1779.7	1692.1	1599.3	1504.8	1408.2	1308.0	1208.3	1109.4	1007.7	924.2
-57.5°	1616.2	1543.4	1473.7	1400.0	1322.8	1241.1	1155.8	1066.7	985.7	908.9	833.1
-60°	1397.1	1335.8	1280.1	1220.7	1157.7	1087.0	1017.3	947.3	877.1	810.4	745.4
-62.5°	1199.2	1155.7	1105.5	1055.0	1005.1	952.9	890.4	828.6	769.2	711.9	658.3
-65°	1007.4	970.2	931.3	895.2	855.1	810.7	757.8	709.5	662.8	615.6	571.3
-67.5°	837.5	808.9	777.7	745.5	713.7	678.0	639.1	599.0	561.5	522.9	489.8
-70°	697.5	676.8	652.5	623.8	594.8	565.7	536.0	504.4	470.4	435.7	409.1
-72.5°	581.0	565.7	546.8	522.9	497.4	471.8	445.4	417.4	387.4	355.2	329.7
-75°	479.8	468.5	454.0	432.9	410.4	386.4	363.2	337.7	308.5	275.6	249.7
-77.5°	385.5	378.4	369.1	351.7	334.1	316.4	296.0	266.2	236.6	208.6	189.5
-80°	289.1	285.9	280.4	265.9	251.1	236.1	219.6	197.0	175.3	155.1	139.5
-82.5°	190.6	187.2	182.6	173.7	165.2	156.9	148.4	133.1	118.1	103.5	90.9
-85°	96.6	93.8	90.9	89.4	87.7	85.7	83.1	74.4	66.0	58.0	51.0
-87.5°	28.0	28.0	27.9	28.2	28.5	28.6	28.6	26.4	24.3	22.3	20.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-WR-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°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
85°	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.8	1.6	1.4	1.3
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.1	2.1	2.1
67.5°	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.6	2.7	2.1	2.1
65°	2.1	2.1	2.2	3.1	2.9	2.1	2.1	4.0	3.4	3.0	2.1
62.5°	4.1	2.1	5.4	7.2	4.6	3.7	3.0	8.6	5.6	3.9	2.8
60°	9.3	7.6	14.4	21.9	15.8	6.2	9.0	14.7	13.6	5.0	3.9
57.5°	47.6	21.7	32.1	41.8	39.8	22.3	18.1	25.2	22.9	13.4	5.3
55°	98.6	83.9	66.8	66.4	67.1	53.1	37.8	39.0	34.6	24.6	7.9
52.5°	149.8	145.3	129.3	105.4	96.7	87.4	71.5	55.3	51.3	36.7	19.3
50°	213.7	202.0	189.4	164.8	133.6	121.3	104.9	84.4	69.8	51.2	32.0
47.5°	286.6	266.3	247.3	223.5	189.4	157.1	138.8	114.5	90.2	70.3	44.7
45°	400.4	334.4	308.7	281.1	246.0	205.8	174.1	144.2	116.8	89.5	57.6
42.5°	517.3	425.4	371.6	340.6	303.8	258.4	210.8	177.2	143.2	108.7	72.7
40°	635.1	521.3	439.6	400.9	363.5	310.9	257.5	211.7	168.8	128.6	89.3
37.5°	762.2	628.5	518.1	463.7	424.3	367.5	305.0	246.9	195.3	150.1	105.7
35°	920.5	755.7	603.5	536.2	483.3	425.1	351.9	285.2	226.8	171.8	121.8
32.5°	1098.4	896.0	725.8	615.3	543.3	483.8	402.0	328.3	259.2	193.5	137.7
30°	1275.4	1040.5	841.9	693.8	607.2	538.8	455.3	371.7	292.3	215.1	153.9
27.5°	1410.5	1165.2	950.6	787.9	677.8	593.5	508.4	415.3	325.9	238.9	171.5
25°	1548.5	1280.7	1056.1	880.1	747.1	649.3	559.5	458.9	361.7	266.3	188.8
22.5°	1709.7	1390.4	1145.0	963.4	820.4	706.0	608.2	503.1	397.9	293.4	205.6
20°	1867.4	1491.5	1226.9	1060.6	900.6	769.2	656.0	545.2	433.3	320.1	221.8
17.5°	2029.0	1633.5	1362.7	1161.2	983.4	831.8	703.2	585.1	467.7	346.0	237.4
15°	2272.6	1823.4	1499.8	1260.6	1063.4	893.0	749.5	622.7	500.9	371.1	251.3
12.5°	2502.2	2002.1	1632.6	1357.7	1140.3	952.5	794.3	657.9	532.5	391.9	262.9
10°	2705.1	2168.4	1759.9	1451.4	1213.2	1009.5	837.3	685.6	551.3	408.6	273.2
7.5°	2881.7	2321.1	1880.0	1540.5	1275.4	1048.1	859.2	700.0	565.5	423.2	282.3
5°	3016.8	2424.9	1946.0	1576.1	1298.8	1065.8	874.9	711.8	576.8	435.6	290.1
2.5°	3061.4	2459.5	1972.1	1596.2	1315.9	1078.4	886.9	720.7	585.4	445.9	296.6
0°	3082.0	2476.2	1985.5	1607.7	1326.4	1086.2	895.2	726.9	591.3	453.8	301.8
-2.5°	3104.6	2499.0	2004.4	1625.6	1337.5	1096.8	904.0	736.5	599.9	462.7	310.5
-5°	3103.0	2503.3	2010.4	1634.2	1341.8	1102.5	909.1	743.4	606.0	469.2	317.8
-7.5°	3070.2	2483.9	2002.7	1632.5	1339.4	1103.2	910.5	747.4	609.8	473.3	323.5
-10°	3011.5	2443.6	1980.1	1617.7	1330.6	1098.3	908.3	748.6	611.4	475.0	327.6
-12.5°	2928.9	2386.2	1943.9	1593.6	1314.8	1088.0	901.6	745.1	610.4	474.4	329.9
-15°	2822.7	2312.4	1893.8	1560.1	1291.9	1072.7	891.0	737.9	605.1	471.0	330.4
-17.5°	2694.3	2222.8	1829.8	1517.3	1261.9	1052.4	876.3	727.9	597.9	464.9	329.7
-20°	2575.2	2128.4	1756.0	1465.5	1224.9	1027.2	857.6	715.1	588.9	457.3	328.2

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2442.0	2030.4	1690.5	1415.9	1185.7	997.0	834.8	699.6	578.1	448.3	325.2
-25°	2289.6	1919.3	1615.7	1360.6	1147.6	968.2	811.5	681.4	565.8	438.0	320.9
-27.5°	2146.3	1804.7	1531.9	1296.9	1103.6	935.0	788.4	664.5	551.6	426.6	315.2
-30°	2000.1	1704.9	1451.6	1230.2	1055.0	897.9	762.4	646.4	535.6	416.5	308.2
-32.5°	1851.5	1596.1	1365.6	1172.4	1007.9	858.1	734.1	627.0	518.8	406.6	302.4
-35°	1723.8	1489.1	1273.3	1110.1	959.7	824.1	705.8	606.5	501.5	395.3	296.1
-37.5°	1587.9	1380.6	1201.4	1048.3	908.1	787.1	678.6	582.3	483.8	382.7	288.5
-40°	1466.2	1279.3	1123.9	988.5	861.5	747.1	648.4	556.4	467.2	368.9	279.6
-42.5°	1342.3	1187.2	1048.4	924.2	814.7	710.4	615.5	528.9	445.7	356.1	269.4
-45°	1233.8	1092.9	970.3	865.8	765.9	670.4	583.3	500.3	422.7	342.9	258.7
-47.5°	1121.5	1002.1	897.5	804.9	717.8	628.9	549.3	473.8	398.9	328.2	247.8
-50°	1017.0	916.0	829.0	746.0	664.8	590.0	515.4	446.5	377.1	308.9	235.6
-52.5°	923.9	839.8	762.3	686.8	617.1	549.5	484.9	418.8	354.5	289.7	222.1
-55°	841.7	766.7	697.0	631.6	569.2	513.4	453.9	392.7	330.8	269.9	207.7
-57.5°	763.0	695.4	636.2	578.1	524.8	476.3	423.5	365.6	307.0	249.2	194.8
-60°	683.8	629.4	576.7	528.0	481.9	437.9	393.0	337.7	282.4	227.8	179.3
-62.5°	607.9	562.3	521.8	478.9	436.7	397.9	361.5	308.9	256.7	206.7	162.0
-65°	533.5	498.6	465.9	425.5	388.8	356.5	326.3	279.1	229.6	184.2	144.0
-67.5°	459.7	431.0	401.7	369.0	341.8	315.4	288.7	246.0	201.0	160.5	125.8
-70°	385.3	360.9	340.0	319.3	296.7	273.4	246.8	210.3	171.0	138.0	107.0
-72.5°	312.4	297.4	285.0	270.3	251.2	229.2	204.2	174.4	143.8	114.9	87.6
-75°	240.6	237.5	233.8	224.3	205.9	185.3	165.1	142.3	116.0	91.1	71.4
-77.5°	189.5	188.3	185.7	179.0	163.0	146.2	128.6	109.5	89.5	72.4	56.1
-80°	140.4	140.2	139.0	134.9	121.2	106.9	94.7	82.5	67.8	53.8	40.5
-82.5°	92.2	93.6	94.2	93.0	83.7	74.6	65.8	57.1	45.8	35.0	27.1
-85°	52.7	53.6	53.9	53.3	47.6	42.0	38.4	34.6	28.6	23.1	18.1
-87.5°	21.8	23.1	24.1	24.7	22.9	21.0	19.2	17.4	14.3	11.6	9.1
-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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REPORT NUMBER: P627662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-WR-VSR-XX

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°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
80°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
77.5°	2.1	2.1	1.8	1.4	0.9	0.5	0.0
75°	2.1	2.1	2.1	1.6	1.1	0.5	0.0
72.5°	2.1	2.1	2.1	1.9	1.3	0.6	0.0
70°	2.1	2.1	2.1	2.1	1.4	0.7	0.0
67.5°	2.3	2.1	2.1	2.1	1.6	0.8	0.0
65°	2.5	2.3	2.1	2.1	1.8	0.9	0.0
62.5°	2.8	2.8	2.1	2.1	1.9	1.0	0.0
60°	3.3	3.3	2.1	2.1	2.1	1.0	0.0
57.5°	5.6	3.9	2.7	2.1	2.1	1.1	0.0
55°	8.5	4.5	3.3	2.1	2.2	1.2	0.0
52.5°	11.9	5.7	3.9	2.1	2.2	1.3	0.0
50°	15.7	9.3	4.6	2.1	2.2	1.3	0.0
47.5°	20.9	13.1	5.3	2.2	2.3	1.4	0.0
45°	32.0	17.1	6.1	2.8	2.3	1.5	0.0
42.5°	43.1	21.4	6.8	3.4	2.4	1.5	0.0
40°	54.1	25.9	9.0	4.1	2.5	1.6	0.0
37.5°	65.1	30.6	12.5	5.0	2.6	1.7	0.0
35°	75.9	38.0	16.0	5.9	2.6	1.7	0.0
32.5°	87.3	46.6	19.6	7.0	2.7	1.8	0.0
30°	100.2	54.9	23.2	8.1	2.8	1.8	0.0
27.5°	112.6	63.0	27.4	9.2	2.9	1.9	0.0
25°	124.6	70.8	31.5	10.4	3.0	1.9	0.0
22.5°	136.1	78.4	35.6	11.7	3.1	1.9	0.0
20°	147.1	85.8	39.5	13.0	3.3	2.0	0.0
17.5°	157.2	92.7	43.2	14.3	3.4	2.0	0.0
15°	166.6	99.2	46.8	15.6	3.5	2.0	0.0
12.5°	175.1	105.2	50.2	16.9	3.6	2.1	0.0
10°	182.8	110.8	53.4	18.1	3.7	2.1	0.0
7.5°	189.7	115.7	56.4	19.4	3.8	2.1	0.0
5°	195.8	120.2	59.1	20.5	3.9	2.1	0.0
2.5°	201.0	124.0	61.6	21.6	4.0	2.1	0.0
0°	205.3	127.3	63.7	22.6	4.1	2.1	0.0
-2.5°	210.9	131.3	66.6	24.0	4.7	2.2	0.0
-5°	215.5	134.7	69.2	25.3	5.3	2.4	0.0
-7.5°	219.2	137.4	71.4	26.5	5.9	2.5	0.0
-10°	221.8	139.4	73.2	27.6	6.5	2.6	0.0
-12.5°	223.4	140.8	74.5	28.5	7.0	2.7	0.0
-15°	223.8	141.4	75.4	29.2	7.6	2.8	0.0
-17.5°	223.2	141.4	75.8	29.7	8.0	2.9	0.0
-20°	222.5	140.6	75.7	30.1	8.5	3.0	0.0

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CATALOG NUMBER: GFLD-SA5C-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	222.7	139.0	75.1	30.3	8.8	3.0	0.0
-25°	221.7	138.5	73.9	30.3	9.2	3.1	0.0
-27.5°	219.5	137.9	72.2	30.1	9.4	3.1	0.0
-30°	216.3	136.5	70.2	29.7	9.7	3.1	0.0
-32.5°	212.0	134.1	69.3	29.0	9.8	3.2	0.0
-35°	207.8	130.9	67.8	28.2	9.9	3.2	0.0
-37.5°	203.1	127.4	65.8	27.1	10.0	3.1	0.0
-40°	197.3	124.3	63.2	25.8	9.9	3.1	0.0
-42.5°	190.3	120.4	61.3	24.6	9.8	3.1	0.0
-45°	182.2	115.7	60.1	23.7	9.7	3.0	0.0
-47.5°	173.0	110.2	58.2	22.4	9.4	2.9	0.0
-50°	164.9	104.0	55.8	22.0	9.2	2.9	0.0
-52.5°	156.3	97.0	52.7	21.7	8.8	2.8	0.0
-55°	146.6	91.3	49.1	21.1	8.4	2.6	0.0
-57.5°	136.1	85.1	44.9	20.3	7.9	2.5	0.0
-60°	124.8	78.1	40.2	19.2	7.4	2.4	0.0
-62.5°	113.8	70.2	37.4	17.8	6.9	2.2	0.0
-65°	101.8	61.6	34.2	16.2	6.4	2.1	0.0
-67.5°	88.8	53.9	30.6	14.4	5.9	1.9	0.0
-70°	74.9	47.3	26.6	12.4	5.4	1.7	0.0
-72.5°	63.6	40.1	22.3	11.0	4.8	1.5	0.0
-75°	52.2	32.5	17.7	9.6	4.1	1.3	0.0
-77.5°	40.3	24.5	14.7	8.1	3.5	1.1	0.0
-80°	27.8	18.7	11.9	6.6	2.8	0.9	0.0
-82.5°	20.5	14.2	9.0	5.0	2.1	0.7	0.0
-85°	13.8	9.5	6.0	3.3	1.4	0.4	0.0
-87.5°	6.9	4.8	3.0	1.7	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)