

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: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-750-U-LAM-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22339.3 lumens
Efficiency: N/A
Efficacy: 139.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

Beam Angle (50%): 117.8°H x 112°V
Beam Lumens: 18591.2 lumens
Beam Efficiency: 83.2%

Input Watts (W): 160.2
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

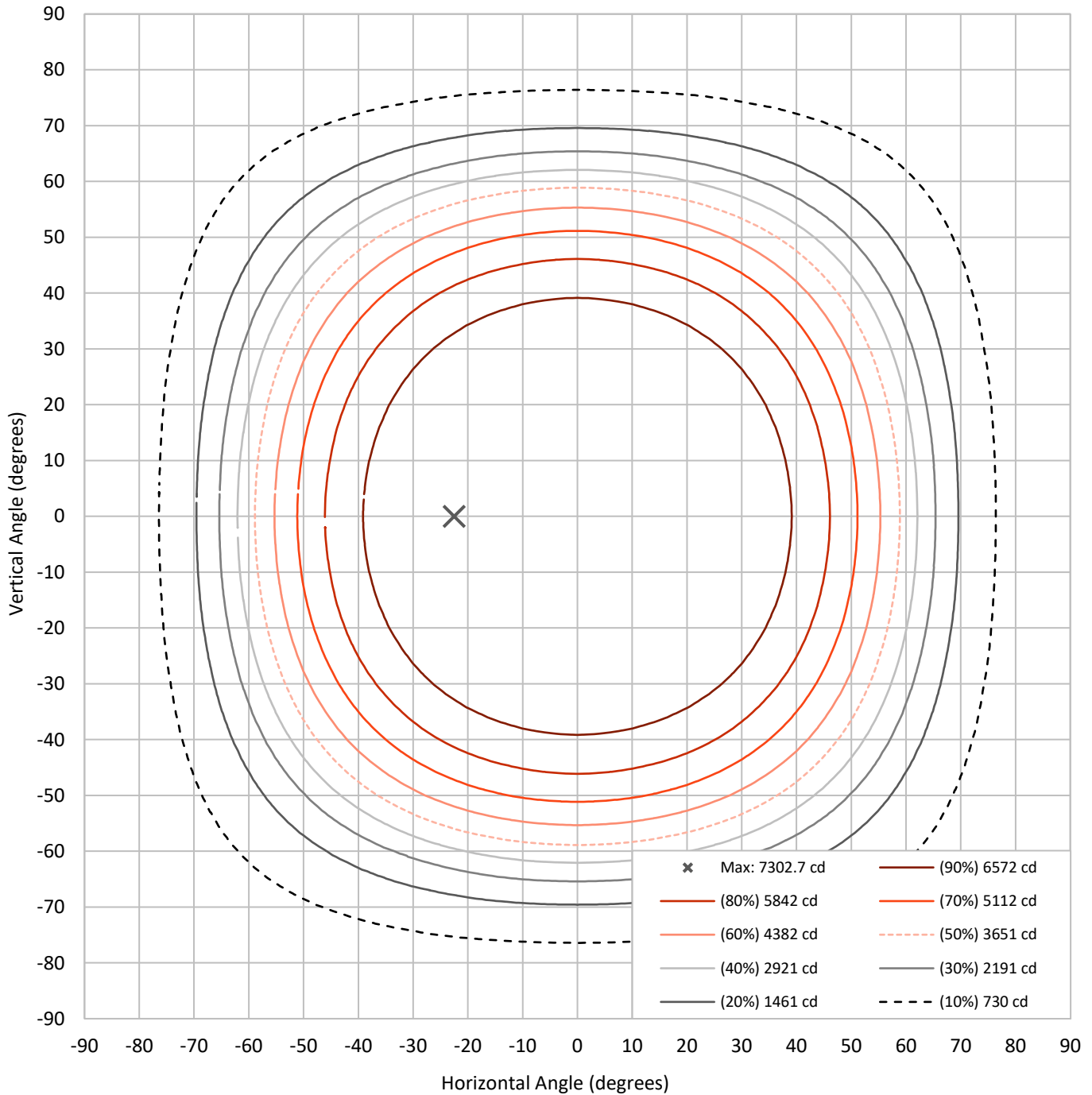
NEMA Type: 7H x 7V
Max Intensity: 7302.7 candela
Max Intensity Angle: -22.5°H x 0°V

Field Angle (10%): 152.8°H x 150.5°V
Field Lumens: 21900 lumens
Field Efficiency: 98.0%



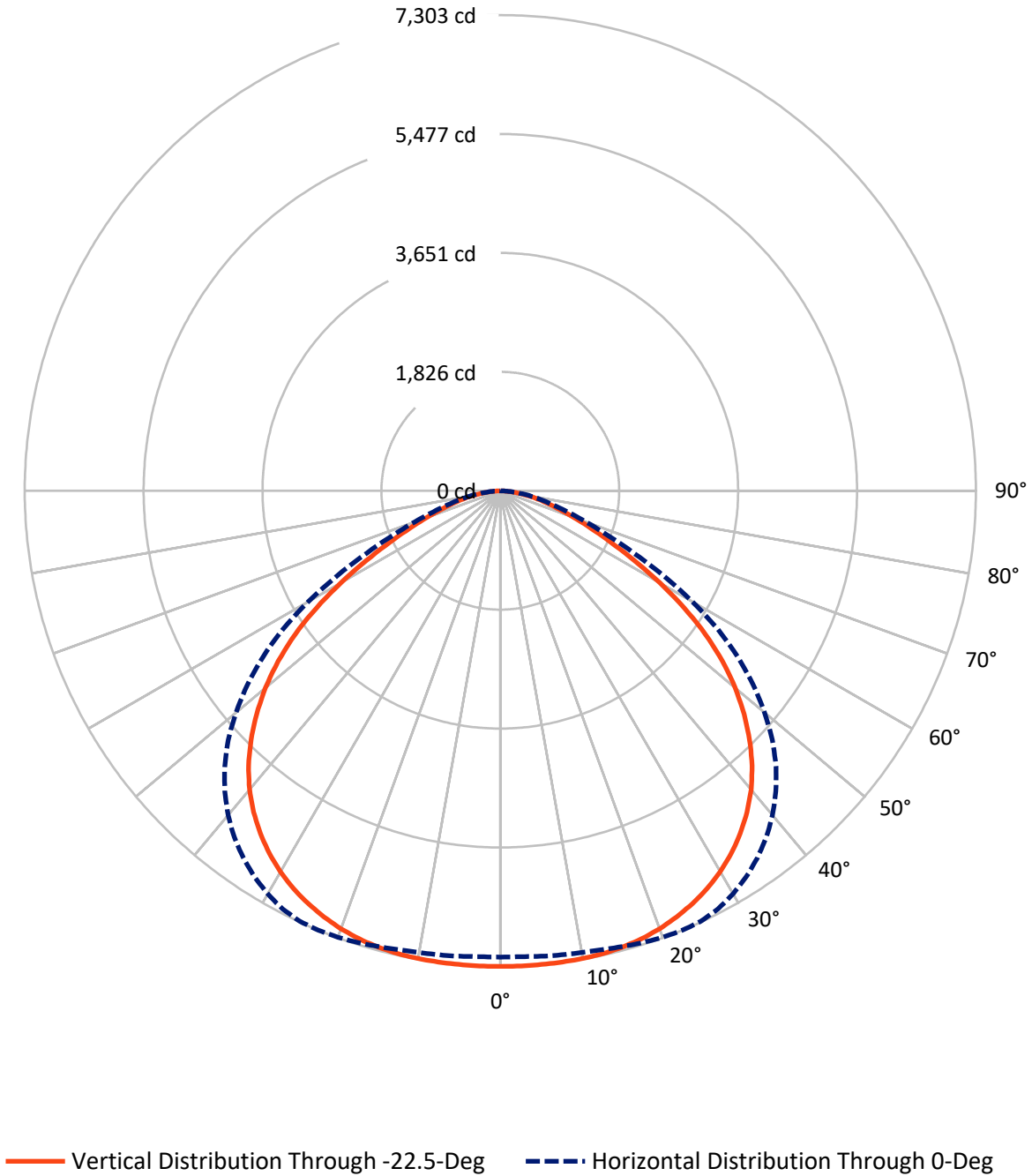
REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

Iso-Candela Plot



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

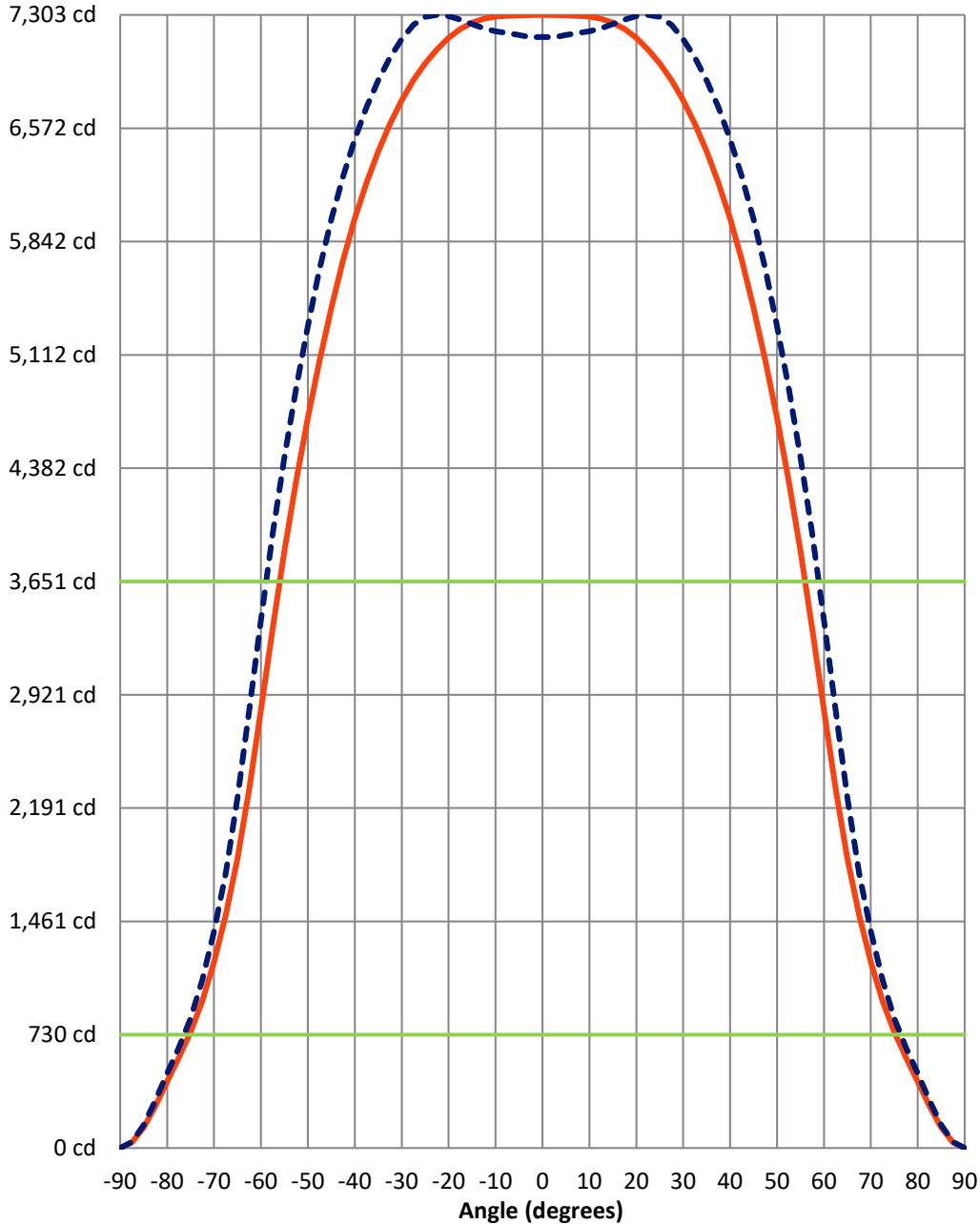
Luminous Intensity Polar Plot





REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 18591.2
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 21900
 Efficiency: 98.0%

Spill:
 Lumens: 439.3
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.0	13.6	15.3	16.9
85°	0.0	3.5	6.9	10.4	13.8	17.3	20.6	24.0	27.3	30.5	33.7
82.5°	0.0	5.2	10.4	15.6	20.7	25.8	30.9	35.9	42.5	55.7	68.7
80°	0.0	6.9	13.8	20.7	27.6	34.4	43.2	61.3	79.2	96.9	114.2
77.5°	0.0	8.6	17.3	25.8	34.4	47.9	70.8	93.5	115.8	137.8	164.3
75°	0.0	10.3	20.6	30.9	43.2	70.8	98.2	125.3	153.6	191.9	229.6
72.5°	0.0	12.0	24.0	35.9	61.3	93.5	125.3	160.5	205.8	250.4	294.2
70°	0.0	13.6	27.3	42.5	79.2	115.8	153.6	205.8	257.3	308.2	363.3
67.5°	0.0	15.3	30.5	55.7	96.9	137.8	191.9	250.4	308.2	371.0	432.7
65°	0.0	16.9	33.7	68.7	114.2	164.3	229.6	294.2	363.3	432.7	500.2
62.5°	0.0	18.4	36.8	81.4	131.2	195.2	266.5	340.3	417.4	492.8	564.3
60°	0.0	19.9	39.9	93.9	147.8	225.3	302.7	386.7	470.3	549.5	627.2
57.5°	0.0	21.4	47.9	106.1	171.0	254.8	341.2	432.1	520.2	605.0	694.3
55°	0.0	22.9	55.8	117.9	193.9	283.5	379.1	476.3	568.3	660.7	762.4
52.5°	0.0	24.3	63.4	129.4	216.2	311.8	415.9	517.4	615.1	720.5	828.8
50°	0.0	25.6	70.8	140.5	237.7	341.4	451.5	557.1	662.3	778.4	911.3
47.5°	0.0	27.0	78.0	152.3	258.5	370.1	485.7	595.4	712.0	834.4	993.2
45°	0.0	28.2	84.8	167.3	278.5	397.6	517.3	632.3	760.0	905.0	1072.3
42.5°	0.0	29.4	91.4	181.7	297.7	424.0	547.5	670.5	806.0	973.2	1165.4
40°	0.0	30.6	97.7	195.3	316.9	449.2	576.4	708.9	854.4	1038.5	1257.5
37.5°	0.0	31.7	103.6	208.3	336.0	473.2	603.9	745.4	909.4	1105.2	1345.2
35°	0.0	32.7	109.2	220.6	354.0	495.1	629.9	779.9	961.5	1179.7	1434.8
32.5°	0.0	33.6	114.5	232.1	371.0	515.4	655.4	812.4	1010.6	1250.0	1529.0
30°	0.0	34.6	119.4	242.9	386.9	534.4	681.3	845.1	1056.6	1315.7	1617.2
27.5°	0.0	35.4	124.0	252.9	401.6	552.0	705.4	882.2	1103.5	1376.9	1699.4
25°	0.0	36.2	128.2	262.1	415.1	568.3	727.6	916.4	1153.3	1440.7	1776.2
22.5°	0.0	36.9	132.0	270.5	427.5	583.0	747.8	947.7	1198.7	1502.5	1865.8
20°	0.0	37.5	135.5	278.0	438.6	596.3	766.0	975.8	1239.7	1558.2	1946.8
17.5°	0.0	38.1	138.5	284.7	448.4	608.2	782.2	1000.7	1276.0	1607.8	2018.8
15°	0.0	38.5	141.2	290.5	457.0	618.5	796.3	1022.5	1307.8	1651.0	2081.6
12.5°	0.0	39.0	143.4	295.5	464.3	627.2	808.3	1041.0	1334.8	1687.8	2135.1
10°	0.0	39.3	145.3	299.5	470.3	634.4	818.1	1056.2	1356.9	1718.0	2179.2
7.5°	0.0	39.6	146.7	302.7	475.0	640.0	825.8	1068.1	1374.3	1741.6	2213.5
5°	0.0	39.7	147.8	305.0	478.3	644.0	831.3	1076.6	1386.7	1758.5	2238.2
2.5°	0.0	39.9	148.4	306.3	480.3	646.4	834.6	1081.7	1394.1	1768.7	2253.0
0°	0.0	39.9	148.6	306.8	481.0	647.2	835.7	1083.4	1396.6	1772.1	2257.9
-2.5°	0.0	39.9	148.4	306.3	480.3	646.4	834.6	1081.7	1394.1	1768.7	2253.0
-5°	0.0	39.7	147.8	305.0	478.3	644.0	831.3	1076.6	1386.7	1758.5	2238.2
-7.5°	0.0	39.6	146.7	302.7	475.0	640.0	825.8	1068.1	1374.3	1741.6	2213.5
-10°	0.0	39.3	145.3	299.5	470.3	634.4	818.1	1056.2	1356.9	1718.0	2179.2
-12.5°	0.0	39.0	143.4	295.5	464.3	627.2	808.3	1041.0	1334.8	1687.8	2135.1
-15°	0.0	38.5	141.2	290.5	457.0	618.5	796.3	1022.5	1307.8	1651.0	2081.6
-17.5°	0.0	38.1	138.5	284.7	448.4	608.2	782.2	1000.7	1276.0	1607.8	2018.8
-20°	0.0	37.5	135.5	278.0	438.6	596.3	766.0	975.8	1239.7	1558.2	1946.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	36.9	132.0	270.5	427.5	583.0	747.8	947.7	1198.7	1502.5	1865.8
-25°	0.0	36.2	128.2	262.1	415.1	568.3	727.6	916.4	1153.3	1440.7	1776.2
-27.5°	0.0	35.4	124.0	252.9	401.6	552.0	705.4	882.2	1103.5	1376.9	1699.4
-30°	0.0	34.6	119.4	242.9	386.9	534.4	681.3	845.1	1056.6	1315.7	1617.2
-32.5°	0.0	33.6	114.5	232.1	371.0	515.4	655.4	812.4	1010.6	1250.0	1529.0
-35°	0.0	32.7	109.2	220.6	354.0	495.1	629.9	779.9	961.5	1179.7	1434.8
-37.5°	0.0	31.7	103.6	208.3	336.0	473.2	603.9	745.4	909.4	1105.2	1345.2
-40°	0.0	30.6	97.7	195.3	316.9	449.2	576.4	708.9	854.4	1038.5	1257.5
-42.5°	0.0	29.4	91.4	181.7	297.7	424.0	547.5	670.5	806.0	973.2	1165.4
-45°	0.0	28.2	84.8	167.3	278.5	397.6	517.3	632.3	760.0	905.0	1072.3
-47.5°	0.0	27.0	78.0	152.3	258.5	370.1	485.7	595.4	712.0	834.4	993.2
-50°	0.0	25.6	70.8	140.5	237.7	341.4	451.5	557.1	662.3	778.4	911.3
-52.5°	0.0	24.3	63.4	129.4	216.2	311.8	415.9	517.4	615.1	720.5	828.8
-55°	0.0	22.9	55.8	117.9	193.9	283.5	379.1	476.3	568.3	660.7	762.4
-57.5°	0.0	21.4	47.9	106.1	171.0	254.8	341.2	432.1	520.2	605.0	694.3
-60°	0.0	19.9	39.9	93.9	147.8	225.3	302.7	386.7	470.3	549.5	627.2
-62.5°	0.0	18.4	36.8	81.4	131.2	195.2	266.5	340.3	417.4	492.8	564.3
-65°	0.0	16.9	33.7	68.7	114.2	164.3	229.6	294.2	363.3	432.7	500.2
-67.5°	0.0	15.3	30.5	55.7	96.9	137.8	191.9	250.4	308.2	371.0	432.7
-70°	0.0	13.6	27.3	42.5	79.2	115.8	153.6	205.8	257.3	308.2	363.3
-72.5°	0.0	12.0	24.0	35.9	61.3	93.5	125.3	160.5	205.8	250.4	294.2
-75°	0.0	10.3	20.6	30.9	43.2	70.8	98.2	125.3	153.6	191.9	229.6
-77.5°	0.0	8.6	17.3	25.8	34.4	47.9	70.8	93.5	115.8	137.8	164.3
-80°	0.0	6.9	13.8	20.7	27.6	34.4	43.2	61.3	79.2	96.9	114.2
-82.5°	0.0	5.2	10.4	15.6	20.7	25.8	30.9	35.9	42.5	55.7	68.7
-85°	0.0	3.5	6.9	10.4	13.8	17.3	20.6	24.0	27.3	30.5	33.7
-87.5°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.0	13.6	15.3	16.9
-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: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-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°	18.4	19.9	21.4	22.9	24.3	25.6	27.0	28.2	29.4	30.6	31.7
85°	36.8	39.9	47.9	55.8	63.4	70.8	78.0	84.8	91.4	97.7	103.6
82.5°	81.4	93.9	106.1	117.9	129.4	140.5	152.3	167.3	181.7	195.3	208.3
80°	131.2	147.8	171.0	193.9	216.2	237.7	258.5	278.5	297.7	316.9	336.0
77.5°	195.2	225.3	254.8	283.5	311.8	341.4	370.1	397.6	424.0	449.2	473.2
75°	266.5	302.7	341.2	379.1	415.9	451.5	485.7	517.3	547.5	576.4	603.9
72.5°	340.3	386.7	432.1	476.3	517.4	557.1	595.4	632.3	670.5	708.9	745.4
70°	417.4	470.3	520.2	568.3	615.1	662.3	712.0	760.0	806.0	854.4	909.4
67.5°	492.8	549.5	605.0	660.7	720.5	778.4	834.4	905.0	973.2	1038.5	1105.2
65°	564.3	627.2	694.3	762.4	828.8	911.3	993.2	1072.3	1165.4	1257.5	1345.2
62.5°	634.6	711.2	787.8	871.2	967.0	1060.2	1168.2	1278.4	1384.5	1504.0	1620.3
60°	711.2	796.3	893.6	1000.7	1111.1	1239.7	1364.4	1502.5	1641.7	1776.2	1941.3
57.5°	787.8	893.6	1012.0	1139.7	1282.9	1427.3	1589.5	1746.5	1934.7	2122.9	2310.0
55°	871.2	1000.7	1139.7	1297.3	1462.2	1642.1	1830.2	2049.5	2261.7	2498.1	2724.5
52.5°	967.0	1111.1	1282.9	1462.2	1659.8	1876.2	2118.9	2370.0	2634.4	2891.1	3142.9
50°	1060.2	1239.7	1427.3	1642.1	1876.2	2142.2	2424.5	2716.9	3005.5	3287.1	3550.7
47.5°	1168.2	1364.4	1589.5	1830.2	2118.9	2424.5	2744.5	3063.1	3374.4	3663.2	3939.8
45°	1278.4	1502.5	1746.5	2049.5	2370.0	2716.9	3063.1	3403.7	3719.9	4018.3	4279.4
42.5°	1384.5	1641.7	1934.7	2261.7	2634.4	3005.5	3374.4	3719.9	4043.9	4331.3	4593.6
40°	1504.0	1776.2	2122.9	2498.1	2891.1	3287.1	3663.2	4018.3	4331.3	4617.5	4883.1
37.5°	1620.3	1941.3	2310.0	2724.5	3142.9	3550.7	3939.8	4279.4	4593.6	4883.1	5137.9
35°	1730.8	2098.2	2508.9	2944.0	3383.2	3797.8	4176.5	4522.3	4834.5	5115.4	5375.8
32.5°	1853.6	2246.6	2697.0	3154.9	3602.1	4024.3	4399.8	4738.1	5048.4	5333.6	5592.3
30°	1980.2	2406.6	2875.7	3353.4	3807.7	4220.7	4595.6	4938.1	5245.9	5527.7	5781.2
27.5°	2098.2	2557.5	3046.1	3533.1	3995.6	4404.9	4774.7	5111.9	5421.5	5705.2	5950.9
25°	2207.2	2697.0	3203.8	3697.6	4153.7	4564.0	4937.2	5274.1	5582.0	5854.2	6093.0
22.5°	2314.8	2824.9	3348.3	3848.4	4299.0	4706.3	5076.0	5413.8	5721.9	5991.6	6220.7
20°	2419.3	2944.0	3475.9	3982.3	4430.9	4835.5	5202.3	5539.6	5839.4	6100.5	6328.6
17.5°	2512.4	3050.1	3587.4	4090.3	4539.3	4945.8	5314.2	5652.5	5945.2	6198.8	6421.8
15°	2593.7	3142.9	3685.0	4184.9	4632.6	5037.5	5405.8	5740.5	6031.1	6282.7	6504.1
12.5°	2663.0	3222.0	3768.2	4265.7	4712.3	5115.9	5484.4	5814.4	6100.1	6348.4	6565.1
10°	2720.0	3287.1	3836.7	4332.3	4778.0	5180.7	5549.3	5875.6	6157.3	6403.0	6615.9
7.5°	2764.5	3337.9	3890.4	4384.5	4829.5	5231.4	5600.3	5923.6	6202.3	6446.1	6655.9
5°	2796.4	3374.4	3928.8	4421.9	4866.5	5267.9	5636.9	5958.2	6234.7	6477.1	6684.9
2.5°	2815.6	3396.4	3952.0	4444.4	4888.8	5289.9	5659.0	5979.0	6254.3	6495.8	6702.3
0°	2822.0	3403.7	3959.7	4451.9	4896.2	5297.2	5666.4	5986.0	6260.8	6502.1	6708.2
-2.5°	2815.6	3396.4	3952.0	4444.4	4888.8	5289.9	5659.0	5979.0	6254.3	6495.8	6702.3
-5°	2796.4	3374.4	3928.8	4421.9	4866.5	5267.9	5636.9	5958.2	6234.7	6477.1	6684.9
-7.5°	2764.5	3337.9	3890.4	4384.5	4829.5	5231.4	5600.3	5923.6	6202.3	6446.1	6655.9
-10°	2720.0	3287.1	3836.7	4332.3	4778.0	5180.7	5549.3	5875.6	6157.3	6403.0	6615.9
-12.5°	2663.0	3222.0	3768.2	4265.7	4712.3	5115.9	5484.4	5814.4	6100.1	6348.4	6565.1
-15°	2593.7	3142.9	3685.0	4184.9	4632.6	5037.5	5405.8	5740.5	6031.1	6282.7	6504.1
-17.5°	2512.4	3050.1	3587.4	4090.3	4539.3	4945.8	5314.2	5652.5	5945.2	6198.8	6421.8
-20°	2419.3	2944.0	3475.9	3982.3	4430.9	4835.5	5202.3	5539.6	5839.4	6100.5	6328.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2314.8	2824.9	3348.3	3848.4	4299.0	4706.3	5076.0	5413.8	5721.9	5991.6	6220.7
-25°	2207.2	2697.0	3203.8	3697.6	4153.7	4564.0	4937.2	5274.1	5582.0	5854.2	6093.0
-27.5°	2098.2	2557.5	3046.1	3533.1	3995.6	4404.9	4774.7	5111.9	5421.5	5705.2	5950.9
-30°	1980.2	2406.6	2875.7	3353.4	3807.7	4220.7	4595.6	4938.1	5245.9	5527.7	5781.2
-32.5°	1853.6	2246.6	2697.0	3154.9	3602.1	4024.3	4399.8	4738.1	5048.4	5333.6	5592.3
-35°	1730.8	2098.2	2508.9	2944.0	3383.2	3797.8	4176.5	4522.3	4834.5	5115.4	5375.8
-37.5°	1620.3	1941.3	2310.0	2724.5	3142.9	3550.7	3939.8	4279.4	4593.6	4883.1	5137.9
-40°	1504.0	1776.2	2122.9	2498.1	2891.1	3287.1	3663.2	4018.3	4331.3	4617.5	4883.1
-42.5°	1384.5	1641.7	1934.7	2261.7	2634.4	3005.5	3374.4	3719.9	4043.9	4331.3	4593.6
-45°	1278.4	1502.5	1746.5	2049.5	2370.0	2716.9	3063.1	3403.7	3719.9	4018.3	4279.4
-47.5°	1168.2	1364.4	1589.5	1830.2	2118.9	2424.5	2744.5	3063.1	3374.4	3663.2	3939.8
-50°	1060.2	1239.7	1427.3	1642.1	1876.2	2142.2	2424.5	2716.9	3005.5	3287.1	3550.7
-52.5°	967.0	1111.1	1282.9	1462.2	1659.8	1876.2	2118.9	2370.0	2634.4	2891.1	3142.9
-55°	871.2	1000.7	1139.7	1297.3	1462.2	1642.1	1830.2	2049.5	2261.7	2498.1	2724.5
-57.5°	787.8	893.6	1012.0	1139.7	1282.9	1427.3	1589.5	1746.5	1934.7	2122.9	2310.0
-60°	711.2	796.3	893.6	1000.7	1111.1	1239.7	1364.4	1502.5	1641.7	1776.2	1941.3
-62.5°	634.6	711.2	787.8	871.2	967.0	1060.2	1168.2	1278.4	1384.5	1504.0	1620.3
-65°	564.3	627.2	694.3	762.4	828.8	911.3	993.2	1072.3	1165.4	1257.5	1345.2
-67.5°	492.8	549.5	605.0	660.7	720.5	778.4	834.4	905.0	973.2	1038.5	1105.2
-70°	417.4	470.3	520.2	568.3	615.1	662.3	712.0	760.0	806.0	854.4	909.4
-72.5°	340.3	386.7	432.1	476.3	517.4	557.1	595.4	632.3	670.5	708.9	745.4
-75°	266.5	302.7	341.2	379.1	415.9	451.5	485.7	517.3	547.5	576.4	603.9
-77.5°	195.2	225.3	254.8	283.5	311.8	341.4	370.1	397.6	424.0	449.2	473.2
-80°	131.2	147.8	171.0	193.9	216.2	237.7	258.5	278.5	297.7	316.9	336.0
-82.5°	81.4	93.9	106.1	117.9	129.4	140.5	152.3	167.3	181.7	195.3	208.3
-85°	36.8	39.9	47.9	55.8	63.4	70.8	78.0	84.8	91.4	97.7	103.6
-87.5°	18.4	19.9	21.4	22.9	24.3	25.6	27.0	28.2	29.4	30.6	31.7
-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: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-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°	32.7	33.6	34.6	35.4	36.2	36.9	37.5	38.1	38.5	39.0	39.3
85°	109.2	114.5	119.4	124.0	128.2	132.0	135.5	138.5	141.2	143.4	145.3
82.5°	220.6	232.1	242.9	252.9	262.1	270.5	278.0	284.7	290.5	295.5	299.5
80°	354.0	371.0	386.9	401.6	415.1	427.5	438.6	448.4	457.0	464.3	470.3
77.5°	495.1	515.4	534.4	552.0	568.3	583.0	596.3	608.2	618.5	627.2	634.4
75°	629.9	655.4	681.3	705.4	727.6	747.8	766.0	782.2	796.3	808.3	818.1
72.5°	779.9	812.4	845.1	882.2	916.4	947.7	975.8	1000.7	1022.5	1041.0	1056.2
70°	961.5	1010.6	1056.6	1103.5	1153.3	1198.7	1239.7	1276.0	1307.8	1334.8	1356.9
67.5°	1179.7	1250.0	1315.7	1376.9	1440.7	1502.5	1558.2	1607.8	1651.0	1687.8	1718.0
65°	1434.8	1529.0	1617.2	1699.4	1776.2	1865.8	1946.8	2018.8	2081.6	2135.1	2179.2
62.5°	1730.8	1853.6	1980.2	2098.2	2207.2	2314.8	2419.3	2512.4	2593.7	2663.0	2720.0
60°	2098.2	2246.6	2406.6	2557.5	2697.0	2824.9	2944.0	3050.1	3142.9	3222.0	3287.1
57.5°	2508.9	2697.0	2875.7	3046.1	3203.8	3348.3	3475.9	3587.4	3685.0	3768.2	3836.7
55°	2944.0	3154.9	3353.4	3533.1	3697.6	3848.4	3982.3	4090.3	4184.9	4265.7	4332.3
52.5°	3383.2	3602.1	3807.7	3995.6	4153.7	4299.0	4430.9	4539.3	4632.6	4712.3	4778.0
50°	3797.8	4024.3	4220.7	4404.9	4564.0	4706.3	4835.5	4945.8	5037.5	5115.9	5180.7
47.5°	4176.5	4399.8	4595.6	4774.7	4937.2	5076.0	5202.3	5314.2	5405.8	5484.4	5549.3
45°	4522.3	4738.1	4938.1	5111.9	5274.1	5413.8	5539.6	5652.5	5740.5	5814.4	5875.6
42.5°	4834.5	5048.4	5245.9	5421.5	5582.0	5721.9	5839.4	5945.2	6031.1	6100.1	6157.3
40°	5115.4	5333.6	5527.7	5705.2	5854.2	5991.6	6100.5	6198.8	6282.7	6348.4	6403.0
37.5°	5375.8	5592.3	5781.2	5950.9	6093.0	6220.7	6328.6	6421.8	6504.1	6565.1	6615.9
35°	5614.0	5819.6	6006.5	6162.1	6302.9	6423.2	6529.4	6615.4	6691.8	6750.0	6796.3
32.5°	5819.6	6023.5	6197.0	6350.2	6487.7	6599.9	6701.8	6780.6	6849.9	6905.9	6948.9
30°	6006.5	6197.0	6366.0	6517.8	6643.1	6752.4	6844.1	6921.0	6985.1	7038.5	7076.3
27.5°	6162.1	6350.2	6517.8	6657.6	6777.6	6882.8	6966.8	7040.8	7096.8	7145.9	7178.4
25°	6302.9	6487.7	6643.1	6777.6	6894.0	6990.1	7070.0	7137.1	7186.7	7228.8	7253.0
22.5°	6423.2	6599.9	6752.4	6882.8	6990.1	7079.9	7155.2	7212.0	7252.6	7278.0	7292.4
20°	6529.4	6701.8	6844.1	6966.8	7070.0	7155.2	7220.6	7262.6	7290.9	7297.8	7302.0
17.5°	6615.4	6780.6	6921.0	7040.8	7137.1	7212.0	7262.6	7292.2	7300.7	7299.2	7294.9
15°	6691.8	6849.9	6985.1	7096.8	7186.7	7252.6	7290.9	7300.7	7298.2	7289.6	7276.5
12.5°	6750.0	6905.9	7038.5	7145.9	7228.8	7278.0	7297.8	7299.2	7289.6	7273.3	7254.6
10°	6796.3	6948.9	7076.3	7178.4	7253.0	7292.4	7302.0	7294.9	7276.5	7254.6	7233.9
7.5°	6832.9	6983.0	7106.4	7204.4	7268.8	7296.8	7298.9	7285.7	7263.5	7238.7	7216.2
5°	6859.4	7007.8	7128.3	7223.4	7280.4	7300.0	7296.6	7278.4	7252.7	7226.7	7206.2
2.5°	6875.4	7022.8	7141.6	7234.9	7287.5	7302.0	7295.2	7273.8	7245.9	7219.1	7199.5
0°	6880.8	7027.8	7146.1	7238.8	7289.9	7302.7	7294.7	7272.3	7243.6	7216.4	7197.2
-2.5°	6875.4	7022.8	7141.6	7234.9	7287.5	7302.0	7295.2	7273.8	7245.9	7219.1	7199.5
-5°	6859.4	7007.8	7128.3	7223.4	7280.4	7300.0	7296.6	7278.4	7252.7	7226.7	7206.2
-7.5°	6832.9	6983.0	7106.4	7204.4	7268.8	7296.8	7298.9	7285.7	7263.5	7238.7	7216.2
-10°	6796.3	6948.9	7076.3	7178.4	7253.0	7292.4	7302.0	7294.9	7276.5	7254.6	7233.9
-12.5°	6750.0	6905.9	7038.5	7145.9	7228.8	7278.0	7297.8	7299.2	7289.6	7273.3	7254.6
-15°	6691.8	6849.9	6985.1	7096.8	7186.7	7252.6	7290.9	7300.7	7298.2	7289.6	7276.5
-17.5°	6615.4	6780.6	6921.0	7040.8	7137.1	7212.0	7262.6	7292.2	7300.7	7299.2	7294.9
-20°	6529.4	6701.8	6844.1	6966.8	7070.0	7155.2	7220.6	7262.6	7290.9	7297.8	7302.0



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6423.2	6599.9	6752.4	6882.8	6990.1	7079.9	7155.2	7212.0	7252.6	7278.0	7292.4
-25°	6302.9	6487.7	6643.1	6777.6	6894.0	6990.1	7070.0	7137.1	7186.7	7228.8	7253.0
-27.5°	6162.1	6350.2	6517.8	6657.6	6777.6	6882.8	6966.8	7040.8	7096.8	7145.9	7178.4
-30°	6006.5	6197.0	6366.0	6517.8	6643.1	6752.4	6844.1	6921.0	6985.1	7038.5	7076.3
-32.5°	5819.6	6023.5	6197.0	6350.2	6487.7	6599.9	6701.8	6780.6	6849.9	6905.9	6948.9
-35°	5614.0	5819.6	6006.5	6162.1	6302.9	6423.2	6529.4	6615.4	6691.8	6750.0	6796.3
-37.5°	5375.8	5592.3	5781.2	5950.9	6093.0	6220.7	6328.6	6421.8	6504.1	6565.1	6615.9
-40°	5115.4	5333.6	5527.7	5705.2	5854.2	5991.6	6100.5	6198.8	6282.7	6348.4	6403.0
-42.5°	4834.5	5048.4	5245.9	5421.5	5582.0	5721.9	5839.4	5945.2	6031.1	6100.1	6157.3
-45°	4522.3	4738.1	4938.1	5111.9	5274.1	5413.8	5539.6	5652.5	5740.5	5814.4	5875.6
-47.5°	4176.5	4399.8	4595.6	4774.7	4937.2	5076.0	5202.3	5314.2	5405.8	5484.4	5549.3
-50°	3797.8	4024.3	4220.7	4404.9	4564.0	4706.3	4835.5	4945.8	5037.5	5115.9	5180.7
-52.5°	3383.2	3602.1	3807.7	3995.6	4153.7	4299.0	4430.9	4539.3	4632.6	4712.3	4778.0
-55°	2944.0	3154.9	3353.4	3533.1	3697.6	3848.4	3982.3	4090.3	4184.9	4265.7	4332.3
-57.5°	2508.9	2697.0	2875.7	3046.1	3203.8	3348.3	3475.9	3587.4	3685.0	3768.2	3836.7
-60°	2098.2	2246.6	2406.6	2557.5	2697.0	2824.9	2944.0	3050.1	3142.9	3222.0	3287.1
-62.5°	1730.8	1853.6	1980.2	2098.2	2207.2	2314.8	2419.3	2512.4	2593.7	2663.0	2720.0
-65°	1434.8	1529.0	1617.2	1699.4	1776.2	1865.8	1946.8	2018.8	2081.6	2135.1	2179.2
-67.5°	1179.7	1250.0	1315.7	1376.9	1440.7	1502.5	1558.2	1607.8	1651.0	1687.8	1718.0
-70°	961.5	1010.6	1056.6	1103.5	1153.3	1198.7	1239.7	1276.0	1307.8	1334.8	1356.9
-72.5°	779.9	812.4	845.1	882.2	916.4	947.7	975.8	1000.7	1022.5	1041.0	1056.2
-75°	629.9	655.4	681.3	705.4	727.6	747.8	766.0	782.2	796.3	808.3	818.1
-77.5°	495.1	515.4	534.4	552.0	568.3	583.0	596.3	608.2	618.5	627.2	634.4
-80°	354.0	371.0	386.9	401.6	415.1	427.5	438.6	448.4	457.0	464.3	470.3
-82.5°	220.6	232.1	242.9	252.9	262.1	270.5	278.0	284.7	290.5	295.5	299.5
-85°	109.2	114.5	119.4	124.0	128.2	132.0	135.5	138.5	141.2	143.4	145.3
-87.5°	32.7	33.6	34.6	35.4	36.2	36.9	37.5	38.1	38.5	39.0	39.3
-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: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-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°	39.6	39.7	39.9	39.9	39.9	39.7	39.6	39.3	39.0	38.5	38.1
85°	146.7	147.8	148.4	148.6	148.4	147.8	146.7	145.3	143.4	141.2	138.5
82.5°	302.7	305.0	306.3	306.8	306.3	305.0	302.7	299.5	295.5	290.5	284.7
80°	475.0	478.3	480.3	481.0	480.3	478.3	475.0	470.3	464.3	457.0	448.4
77.5°	640.0	644.0	646.4	647.2	646.4	644.0	640.0	634.4	627.2	618.5	608.2
75°	825.8	831.3	834.6	835.7	834.6	831.3	825.8	818.1	808.3	796.3	782.2
72.5°	1068.1	1076.6	1081.7	1083.4	1081.7	1076.6	1068.1	1056.2	1041.0	1022.5	1000.7
70°	1374.3	1386.7	1394.1	1396.6	1394.1	1386.7	1374.3	1356.9	1334.8	1307.8	1276.0
67.5°	1741.6	1758.5	1768.7	1772.1	1768.7	1758.5	1741.6	1718.0	1687.8	1651.0	1607.8
65°	2213.5	2238.2	2253.0	2257.9	2253.0	2238.2	2213.5	2179.2	2135.1	2081.6	2018.8
62.5°	2764.5	2796.4	2815.6	2822.0	2815.6	2796.4	2764.5	2720.0	2663.0	2593.7	2512.4
60°	3337.9	3374.4	3396.4	3403.7	3396.4	3374.4	3337.9	3287.1	3222.0	3142.9	3050.1
57.5°	3890.4	3928.8	3952.0	3959.7	3952.0	3928.8	3890.4	3836.7	3768.2	3685.0	3587.4
55°	4384.5	4421.9	4444.4	4451.9	4444.4	4421.9	4384.5	4332.3	4265.7	4184.9	4090.3
52.5°	4829.5	4866.5	4888.8	4896.2	4888.8	4866.5	4829.5	4778.0	4712.3	4632.6	4539.3
50°	5231.4	5267.9	5289.9	5297.2	5289.9	5267.9	5231.4	5180.7	5115.9	5037.5	4945.8
47.5°	5600.3	5636.9	5659.0	5666.4	5659.0	5636.9	5600.3	5549.3	5484.4	5405.8	5314.2
45°	5923.6	5958.2	5979.0	5986.0	5979.0	5958.2	5923.6	5875.6	5814.4	5740.5	5652.5
42.5°	6202.3	6234.7	6254.3	6260.8	6254.3	6234.7	6202.3	6157.3	6100.1	6031.1	5945.2
40°	6446.1	6477.1	6495.8	6502.1	6495.8	6477.1	6446.1	6403.0	6348.4	6282.7	6198.8
37.5°	6655.9	6684.9	6702.3	6708.2	6702.3	6684.9	6655.9	6615.9	6565.1	6504.1	6421.8
35°	6832.9	6859.4	6875.4	6880.8	6875.4	6859.4	6832.9	6796.3	6750.0	6691.8	6615.4
32.5°	6983.0	7007.8	7022.8	7027.8	7022.8	7007.8	6983.0	6948.9	6905.9	6849.9	6780.6
30°	7106.4	7128.3	7141.6	7146.1	7141.6	7128.3	7106.4	7076.3	7038.5	6985.1	6921.0
27.5°	7204.4	7223.4	7234.9	7238.8	7234.9	7223.4	7204.4	7178.4	7145.9	7096.8	7040.8
25°	7268.8	7280.4	7287.5	7289.9	7287.5	7280.4	7268.8	7253.0	7228.8	7186.7	7137.1
22.5°	7296.8	7300.0	7302.0	7302.7	7302.0	7300.0	7296.8	7292.4	7278.0	7252.6	7212.0
20°	7298.9	7296.6	7295.2	7294.7	7295.2	7296.6	7298.9	7302.0	7297.8	7290.9	7262.6
17.5°	7285.7	7278.4	7273.8	7272.3	7273.8	7278.4	7285.7	7294.9	7299.2	7300.7	7292.2
15°	7263.5	7252.7	7245.9	7243.6	7245.9	7252.7	7263.5	7276.5	7289.6	7298.2	7300.7
12.5°	7238.7	7226.7	7219.1	7216.4	7219.1	7226.7	7238.7	7254.6	7273.3	7289.6	7299.2
10°	7216.2	7206.2	7199.5	7197.2	7199.5	7206.2	7216.2	7233.9	7254.6	7276.5	7294.9
7.5°	7201.7	7192.7	7187.8	7186.0	7187.8	7192.7	7201.7	7216.2	7238.7	7263.5	7285.7
5°	7192.7	7183.8	7176.2	7173.2	7176.2	7183.8	7192.7	7206.2	7226.7	7252.7	7278.4
2.5°	7187.8	7176.2	7164.8	7158.9	7164.8	7176.2	7187.8	7199.5	7219.1	7245.9	7273.8
0°	7186.0	7173.2	7158.9	7160.5	7158.9	7173.2	7186.0	7197.2	7216.4	7243.6	7272.3
-2.5°	7187.8	7176.2	7164.8	7158.9	7164.8	7176.2	7187.8	7199.5	7219.1	7245.9	7273.8
-5°	7192.7	7183.8	7176.2	7173.2	7176.2	7183.8	7192.7	7206.2	7226.7	7252.7	7278.4
-7.5°	7201.7	7192.7	7187.8	7186.0	7187.8	7192.7	7201.7	7216.2	7238.7	7263.5	7285.7
-10°	7216.2	7206.2	7199.5	7197.2	7199.5	7206.2	7216.2	7233.9	7254.6	7276.5	7294.9
-12.5°	7238.7	7226.7	7219.1	7216.4	7219.1	7226.7	7238.7	7254.6	7273.3	7289.6	7299.2
-15°	7263.5	7252.7	7245.9	7243.6	7245.9	7252.7	7263.5	7276.5	7289.6	7298.2	7300.7
-17.5°	7285.7	7278.4	7273.8	7272.3	7273.8	7278.4	7285.7	7294.9	7299.2	7300.7	7292.2
-20°	7298.9	7296.6	7295.2	7294.7	7295.2	7296.6	7298.9	7302.0	7297.8	7290.9	7262.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7296.8	7300.0	7302.0	7302.7	7302.0	7300.0	7296.8	7292.4	7278.0	7252.6	7212.0
-25°	7268.8	7280.4	7287.5	7289.9	7287.5	7280.4	7268.8	7253.0	7228.8	7186.7	7137.1
-27.5°	7204.4	7223.4	7234.9	7238.8	7234.9	7223.4	7204.4	7178.4	7145.9	7096.8	7040.8
-30°	7106.4	7128.3	7141.6	7146.1	7141.6	7128.3	7106.4	7076.3	7038.5	6985.1	6921.0
-32.5°	6983.0	7007.8	7022.8	7027.8	7022.8	7007.8	6983.0	6948.9	6905.9	6849.9	6780.6
-35°	6832.9	6859.4	6875.4	6880.8	6875.4	6859.4	6832.9	6796.3	6750.0	6691.8	6615.4
-37.5°	6655.9	6684.9	6702.3	6708.2	6702.3	6684.9	6655.9	6615.9	6565.1	6504.1	6421.8
-40°	6446.1	6477.1	6495.8	6502.1	6495.8	6477.1	6446.1	6403.0	6348.4	6282.7	6198.8
-42.5°	6202.3	6234.7	6254.3	6260.8	6254.3	6234.7	6202.3	6157.3	6100.1	6031.1	5945.2
-45°	5923.6	5958.2	5979.0	5986.0	5979.0	5958.2	5923.6	5875.6	5814.4	5740.5	5652.5
-47.5°	5600.3	5636.9	5659.0	5666.4	5659.0	5636.9	5600.3	5549.3	5484.4	5405.8	5314.2
-50°	5231.4	5267.9	5289.9	5297.2	5289.9	5267.9	5231.4	5180.7	5115.9	5037.5	4945.8
-52.5°	4829.5	4866.5	4888.8	4896.2	4888.8	4866.5	4829.5	4778.0	4712.3	4632.6	4539.3
-55°	4384.5	4421.9	4444.4	4451.9	4444.4	4421.9	4384.5	4332.3	4265.7	4184.9	4090.3
-57.5°	3890.4	3928.8	3952.0	3959.7	3952.0	3928.8	3890.4	3836.7	3768.2	3685.0	3587.4
-60°	3337.9	3374.4	3396.4	3403.7	3396.4	3374.4	3337.9	3287.1	3222.0	3142.9	3050.1
-62.5°	2764.5	2796.4	2815.6	2822.0	2815.6	2796.4	2764.5	2720.0	2663.0	2593.7	2512.4
-65°	2213.5	2238.2	2253.0	2257.9	2253.0	2238.2	2213.5	2179.2	2135.1	2081.6	2018.8
-67.5°	1741.6	1758.5	1768.7	1772.1	1768.7	1758.5	1741.6	1718.0	1687.8	1651.0	1607.8
-70°	1374.3	1386.7	1394.1	1396.6	1394.1	1386.7	1374.3	1356.9	1334.8	1307.8	1276.0
-72.5°	1068.1	1076.6	1081.7	1083.4	1081.7	1076.6	1068.1	1056.2	1041.0	1022.5	1000.7
-75°	825.8	831.3	834.6	835.7	834.6	831.3	825.8	818.1	808.3	796.3	782.2
-77.5°	640.0	644.0	646.4	647.2	646.4	644.0	640.0	634.4	627.2	618.5	608.2
-80°	475.0	478.3	480.3	481.0	480.3	478.3	475.0	470.3	464.3	457.0	448.4
-82.5°	302.7	305.0	306.3	306.8	306.3	305.0	302.7	299.5	295.5	290.5	284.7
-85°	146.7	147.8	148.4	148.6	148.4	147.8	146.7	145.3	143.4	141.2	138.5
-87.5°	39.6	39.7	39.9	39.9	39.9	39.7	39.6	39.3	39.0	38.5	38.1
-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: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-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°	37.5	36.9	36.2	35.4	34.6	33.6	32.7	31.7	30.6	29.4	28.2
85°	135.5	132.0	128.2	124.0	119.4	114.5	109.2	103.6	97.7	91.4	84.8
82.5°	278.0	270.5	262.1	252.9	242.9	232.1	220.6	208.3	195.3	181.7	167.3
80°	438.6	427.5	415.1	401.6	386.9	371.0	354.0	336.0	316.9	297.7	278.5
77.5°	596.3	583.0	568.3	552.0	534.4	515.4	495.1	473.2	449.2	424.0	397.6
75°	766.0	747.8	727.6	705.4	681.3	655.4	629.9	603.9	576.4	547.5	517.3
72.5°	975.8	947.7	916.4	882.2	845.1	812.4	779.9	745.4	708.9	670.5	632.3
70°	1239.7	1198.7	1153.3	1103.5	1056.6	1010.6	961.5	909.4	854.4	806.0	760.0
67.5°	1558.2	1502.5	1440.7	1376.9	1315.7	1250.0	1179.7	1105.2	1038.5	973.2	905.0
65°	1946.8	1865.8	1776.2	1699.4	1617.2	1529.0	1434.8	1345.2	1257.5	1165.4	1072.3
62.5°	2419.3	2314.8	2207.2	2098.2	1980.2	1853.6	1730.8	1620.3	1504.0	1384.5	1278.4
60°	2944.0	2824.9	2697.0	2557.5	2406.6	2246.6	2098.2	1941.3	1776.2	1641.7	1502.5
57.5°	3475.9	3348.3	3203.8	3046.1	2875.7	2697.0	2508.9	2310.0	2122.9	1934.7	1746.5
55°	3982.3	3848.4	3697.6	3533.1	3353.4	3154.9	2944.0	2724.5	2498.1	2261.7	2049.5
52.5°	4430.9	4299.0	4153.7	3995.6	3807.7	3602.1	3383.2	3142.9	2891.1	2634.4	2370.0
50°	4835.5	4706.3	4564.0	4404.9	4220.7	4024.3	3797.8	3550.7	3287.1	3005.5	2716.9
47.5°	5202.3	5076.0	4937.2	4774.7	4595.6	4399.8	4176.5	3939.8	3663.2	3374.4	3063.1
45°	5539.6	5413.8	5274.1	5111.9	4938.1	4738.1	4522.3	4279.4	4018.3	3719.9	3403.7
42.5°	5839.4	5721.9	5582.0	5421.5	5245.9	5048.4	4834.5	4593.6	4331.3	4043.9	3719.9
40°	6100.5	5991.6	5854.2	5705.2	5527.7	5333.6	5115.4	4883.1	4617.5	4331.3	4018.3
37.5°	6328.6	6220.7	6093.0	5950.9	5781.2	5592.3	5375.8	5137.9	4883.1	4593.6	4279.4
35°	6529.4	6423.2	6302.9	6162.1	6006.5	5819.6	5614.0	5375.8	5115.4	4834.5	4522.3
32.5°	6701.8	6599.9	6487.7	6350.2	6197.0	6023.5	5819.6	5592.3	5333.6	5048.4	4738.1
30°	6844.1	6752.4	6643.1	6517.8	6366.0	6197.0	6006.5	5781.2	5527.7	5245.9	4938.1
27.5°	6966.8	6882.8	6777.6	6657.6	6517.8	6350.2	6162.1	5950.9	5705.2	5421.5	5111.9
25°	7070.0	6990.1	6894.0	6777.6	6643.1	6487.7	6302.9	6093.0	5854.2	5582.0	5274.1
22.5°	7155.2	7079.9	6990.1	6882.8	6752.4	6599.9	6423.2	6220.7	5991.6	5721.9	5413.8
20°	7220.6	7155.2	7070.0	6966.8	6844.1	6701.8	6529.4	6328.6	6100.5	5839.4	5539.6
17.5°	7262.6	7212.0	7137.1	7040.8	6921.0	6780.6	6615.4	6421.8	6198.8	5945.2	5652.5
15°	7290.9	7252.6	7186.7	7096.8	6985.1	6849.9	6691.8	6504.1	6282.7	6031.1	5740.5
12.5°	7297.8	7278.0	7228.8	7145.9	7038.5	6905.9	6750.0	6565.1	6348.4	6100.1	5814.4
10°	7302.0	7292.4	7253.0	7178.4	7076.3	6948.9	6796.3	6615.9	6403.0	6157.3	5875.6
7.5°	7298.9	7296.8	7268.8	7204.4	7106.4	6983.0	6832.9	6655.9	6446.1	6202.3	5923.6
5°	7296.6	7300.0	7280.4	7223.4	7128.3	7007.8	6859.4	6684.9	6477.1	6234.7	5958.2
2.5°	7295.2	7302.0	7287.5	7234.9	7141.6	7022.8	6875.4	6702.3	6495.8	6254.3	5979.0
0°	7294.7	7302.7	7289.9	7238.8	7146.1	7027.8	6880.8	6708.2	6502.1	6260.8	5986.0
-2.5°	7295.2	7302.0	7287.5	7234.9	7141.6	7022.8	6875.4	6702.3	6495.8	6254.3	5979.0
-5°	7296.6	7300.0	7280.4	7223.4	7128.3	7007.8	6859.4	6684.9	6477.1	6234.7	5958.2
-7.5°	7298.9	7296.8	7268.8	7204.4	7106.4	6983.0	6832.9	6655.9	6446.1	6202.3	5923.6
-10°	7302.0	7292.4	7253.0	7178.4	7076.3	6948.9	6796.3	6615.9	6403.0	6157.3	5875.6
-12.5°	7297.8	7278.0	7228.8	7145.9	7038.5	6905.9	6750.0	6565.1	6348.4	6100.1	5814.4
-15°	7290.9	7252.6	7186.7	7096.8	6985.1	6849.9	6691.8	6504.1	6282.7	6031.1	5740.5
-17.5°	7262.6	7212.0	7137.1	7040.8	6921.0	6780.6	6615.4	6421.8	6198.8	5945.2	5652.5
-20°	7220.6	7155.2	7070.0	6966.8	6844.1	6701.8	6529.4	6328.6	6100.5	5839.4	5539.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7155.2	7079.9	6990.1	6882.8	6752.4	6599.9	6423.2	6220.7	5991.6	5721.9	5413.8
-25°	7070.0	6990.1	6894.0	6777.6	6643.1	6487.7	6302.9	6093.0	5854.2	5582.0	5274.1
-27.5°	6966.8	6882.8	6777.6	6657.6	6517.8	6350.2	6162.1	5950.9	5705.2	5421.5	5111.9
-30°	6844.1	6752.4	6643.1	6517.8	6366.0	6197.0	6006.5	5781.2	5527.7	5245.9	4938.1
-32.5°	6701.8	6599.9	6487.7	6350.2	6197.0	6023.5	5819.6	5592.3	5333.6	5048.4	4738.1
-35°	6529.4	6423.2	6302.9	6162.1	6006.5	5819.6	5614.0	5375.8	5115.4	4834.5	4522.3
-37.5°	6328.6	6220.7	6093.0	5950.9	5781.2	5592.3	5375.8	5137.9	4883.1	4593.6	4279.4
-40°	6100.5	5991.6	5854.2	5705.2	5527.7	5333.6	5115.4	4883.1	4617.5	4331.3	4018.3
-42.5°	5839.4	5721.9	5582.0	5421.5	5245.9	5048.4	4834.5	4593.6	4331.3	4043.9	3719.9
-45°	5539.6	5413.8	5274.1	5111.9	4938.1	4738.1	4522.3	4279.4	4018.3	3719.9	3403.7
-47.5°	5202.3	5076.0	4937.2	4774.7	4595.6	4399.8	4176.5	3939.8	3663.2	3374.4	3063.1
-50°	4835.5	4706.3	4564.0	4404.9	4220.7	4024.3	3797.8	3550.7	3287.1	3005.5	2716.9
-52.5°	4430.9	4299.0	4153.7	3995.6	3807.7	3602.1	3383.2	3142.9	2891.1	2634.4	2370.0
-55°	3982.3	3848.4	3697.6	3533.1	3353.4	3154.9	2944.0	2724.5	2498.1	2261.7	2049.5
-57.5°	3475.9	3348.3	3203.8	3046.1	2875.7	2697.0	2508.9	2310.0	2122.9	1934.7	1746.5
-60°	2944.0	2824.9	2697.0	2557.5	2406.6	2246.6	2098.2	1941.3	1776.2	1641.7	1502.5
-62.5°	2419.3	2314.8	2207.2	2098.2	1980.2	1853.6	1730.8	1620.3	1504.0	1384.5	1278.4
-65°	1946.8	1865.8	1776.2	1699.4	1617.2	1529.0	1434.8	1345.2	1257.5	1165.4	1072.3
-67.5°	1558.2	1502.5	1440.7	1376.9	1315.7	1250.0	1179.7	1105.2	1038.5	973.2	905.0
-70°	1239.7	1198.7	1153.3	1103.5	1056.6	1010.6	961.5	909.4	854.4	806.0	760.0
-72.5°	975.8	947.7	916.4	882.2	845.1	812.4	779.9	745.4	708.9	670.5	632.3
-75°	766.0	747.8	727.6	705.4	681.3	655.4	629.9	603.9	576.4	547.5	517.3
-77.5°	596.3	583.0	568.3	552.0	534.4	515.4	495.1	473.2	449.2	424.0	397.6
-80°	438.6	427.5	415.1	401.6	386.9	371.0	354.0	336.0	316.9	297.7	278.5
-82.5°	278.0	270.5	262.1	252.9	242.9	232.1	220.6	208.3	195.3	181.7	167.3
-85°	135.5	132.0	128.2	124.0	119.4	114.5	109.2	103.6	97.7	91.4	84.8
-87.5°	37.5	36.9	36.2	35.4	34.6	33.6	32.7	31.7	30.6	29.4	28.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-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°	27.0	25.6	24.3	22.9	21.4	19.9	18.4	16.9	15.3	13.6	12.0
85°	78.0	70.8	63.4	55.8	47.9	39.9	36.8	33.7	30.5	27.3	24.0
82.5°	152.3	140.5	129.4	117.9	106.1	93.9	81.4	68.7	55.7	42.5	35.9
80°	258.5	237.7	216.2	193.9	171.0	147.8	131.2	114.2	96.9	79.2	61.3
77.5°	370.1	341.4	311.8	283.5	254.8	225.3	195.2	164.3	137.8	115.8	93.5
75°	485.7	451.5	415.9	379.1	341.2	302.7	266.5	229.6	191.9	153.6	125.3
72.5°	595.4	557.1	517.4	476.3	432.1	386.7	340.3	294.2	250.4	205.8	160.5
70°	712.0	662.3	615.1	568.3	520.2	470.3	417.4	363.3	308.2	257.3	205.8
67.5°	834.4	778.4	720.5	660.7	605.0	549.5	492.8	432.7	371.0	308.2	250.4
65°	993.2	911.3	828.8	762.4	694.3	627.2	564.3	500.2	432.7	363.3	294.2
62.5°	1168.2	1060.2	967.0	871.2	787.8	711.2	634.6	564.3	492.8	417.4	340.3
60°	1364.4	1239.7	1111.1	1000.7	893.6	796.3	711.2	627.2	549.5	470.3	386.7
57.5°	1589.5	1427.3	1282.9	1139.7	1012.0	893.6	787.8	694.3	605.0	520.2	432.1
55°	1830.2	1642.1	1462.2	1297.3	1139.7	1000.7	871.2	762.4	660.7	568.3	476.3
52.5°	2118.9	1876.2	1659.8	1462.2	1282.9	1111.1	967.0	828.8	720.5	615.1	517.4
50°	2424.5	2142.2	1876.2	1642.1	1427.3	1239.7	1060.2	911.3	778.4	662.3	557.1
47.5°	2744.5	2424.5	2118.9	1830.2	1589.5	1364.4	1168.2	993.2	834.4	712.0	595.4
45°	3063.1	2716.9	2370.0	2049.5	1746.5	1502.5	1278.4	1072.3	905.0	760.0	632.3
42.5°	3374.4	3005.5	2634.4	2261.7	1934.7	1641.7	1384.5	1165.4	973.2	806.0	670.5
40°	3663.2	3287.1	2891.1	2498.1	2122.9	1776.2	1504.0	1257.5	1038.5	854.4	708.9
37.5°	3939.8	3550.7	3142.9	2724.5	2310.0	1941.3	1620.3	1345.2	1105.2	909.4	745.4
35°	4176.5	3797.8	3383.2	2944.0	2508.9	2098.2	1730.8	1434.8	1179.7	961.5	779.9
32.5°	4399.8	4024.3	3602.1	3154.9	2697.0	2246.6	1853.6	1529.0	1250.0	1010.6	812.4
30°	4595.6	4220.7	3807.7	3353.4	2875.7	2406.6	1980.2	1617.2	1315.7	1056.6	845.1
27.5°	4774.7	4404.9	3995.6	3533.1	3046.1	2557.5	2098.2	1699.4	1376.9	1103.5	882.2
25°	4937.2	4564.0	4153.7	3697.6	3203.8	2697.0	2207.2	1776.2	1440.7	1153.3	916.4
22.5°	5076.0	4706.3	4299.0	3848.4	3348.3	2824.9	2314.8	1865.8	1502.5	1198.7	947.7
20°	5202.3	4835.5	4430.9	3982.3	3475.9	2944.0	2419.3	1946.8	1558.2	1239.7	975.8
17.5°	5314.2	4945.8	4539.3	4090.3	3587.4	3050.1	2512.4	2018.8	1607.8	1276.0	1000.7
15°	5405.8	5037.5	4632.6	4184.9	3685.0	3142.9	2593.7	2081.6	1651.0	1307.8	1022.5
12.5°	5484.4	5115.9	4712.3	4265.7	3768.2	3222.0	2663.0	2135.1	1687.8	1334.8	1041.0
10°	5549.3	5180.7	4778.0	4332.3	3836.7	3287.1	2720.0	2179.2	1718.0	1356.9	1056.2
7.5°	5600.3	5231.4	4829.5	4384.5	3890.4	3337.9	2764.5	2213.5	1741.6	1374.3	1068.1
5°	5636.9	5267.9	4866.5	4421.9	3928.8	3374.4	2796.4	2238.2	1758.5	1386.7	1076.6
2.5°	5659.0	5289.9	4888.8	4444.4	3952.0	3396.4	2815.6	2253.0	1768.7	1394.1	1081.7
0°	5666.4	5297.2	4896.2	4451.9	3959.7	3403.7	2822.0	2257.9	1772.1	1396.6	1083.4
-2.5°	5659.0	5289.9	4888.8	4444.4	3952.0	3396.4	2815.6	2253.0	1768.7	1394.1	1081.7
-5°	5636.9	5267.9	4866.5	4421.9	3928.8	3374.4	2796.4	2238.2	1758.5	1386.7	1076.6
-7.5°	5600.3	5231.4	4829.5	4384.5	3890.4	3337.9	2764.5	2213.5	1741.6	1374.3	1068.1
-10°	5549.3	5180.7	4778.0	4332.3	3836.7	3287.1	2720.0	2179.2	1718.0	1356.9	1056.2
-12.5°	5484.4	5115.9	4712.3	4265.7	3768.2	3222.0	2663.0	2135.1	1687.8	1334.8	1041.0
-15°	5405.8	5037.5	4632.6	4184.9	3685.0	3142.9	2593.7	2081.6	1651.0	1307.8	1022.5
-17.5°	5314.2	4945.8	4539.3	4090.3	3587.4	3050.1	2512.4	2018.8	1607.8	1276.0	1000.7
-20°	5202.3	4835.5	4430.9	3982.3	3475.9	2944.0	2419.3	1946.8	1558.2	1239.7	975.8



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5076.0	4706.3	4299.0	3848.4	3348.3	2824.9	2314.8	1865.8	1502.5	1198.7	947.7
-25°	4937.2	4564.0	4153.7	3697.6	3203.8	2697.0	2207.2	1776.2	1440.7	1153.3	916.4
-27.5°	4774.7	4404.9	3995.6	3533.1	3046.1	2557.5	2098.2	1699.4	1376.9	1103.5	882.2
-30°	4595.6	4220.7	3807.7	3353.4	2875.7	2406.6	1980.2	1617.2	1315.7	1056.6	845.1
-32.5°	4399.8	4024.3	3602.1	3154.9	2697.0	2246.6	1853.6	1529.0	1250.0	1010.6	812.4
-35°	4176.5	3797.8	3383.2	2944.0	2508.9	2098.2	1730.8	1434.8	1179.7	961.5	779.9
-37.5°	3939.8	3550.7	3142.9	2724.5	2310.0	1941.3	1620.3	1345.2	1105.2	909.4	745.4
-40°	3663.2	3287.1	2891.1	2498.1	2122.9	1776.2	1504.0	1257.5	1038.5	854.4	708.9
-42.5°	3374.4	3005.5	2634.4	2261.7	1934.7	1641.7	1384.5	1165.4	973.2	806.0	670.5
-45°	3063.1	2716.9	2370.0	2049.5	1746.5	1502.5	1278.4	1072.3	905.0	760.0	632.3
-47.5°	2744.5	2424.5	2118.9	1830.2	1589.5	1364.4	1168.2	993.2	834.4	712.0	595.4
-50°	2424.5	2142.2	1876.2	1642.1	1427.3	1239.7	1060.2	911.3	778.4	662.3	557.1
-52.5°	2118.9	1876.2	1659.8	1462.2	1282.9	1111.1	967.0	828.8	720.5	615.1	517.4
-55°	1830.2	1642.1	1462.2	1297.3	1139.7	1000.7	871.2	762.4	660.7	568.3	476.3
-57.5°	1589.5	1427.3	1282.9	1139.7	1012.0	893.6	787.8	694.3	605.0	520.2	432.1
-60°	1364.4	1239.7	1111.1	1000.7	893.6	796.3	711.2	627.2	549.5	470.3	386.7
-62.5°	1168.2	1060.2	967.0	871.2	787.8	711.2	634.6	564.3	492.8	417.4	340.3
-65°	993.2	911.3	828.8	762.4	694.3	627.2	564.3	500.2	432.7	363.3	294.2
-67.5°	834.4	778.4	720.5	660.7	605.0	549.5	492.8	432.7	371.0	308.2	250.4
-70°	712.0	662.3	615.1	568.3	520.2	470.3	417.4	363.3	308.2	257.3	205.8
-72.5°	595.4	557.1	517.4	476.3	432.1	386.7	340.3	294.2	250.4	205.8	160.5
-75°	485.7	451.5	415.9	379.1	341.2	302.7	266.5	229.6	191.9	153.6	125.3
-77.5°	370.1	341.4	311.8	283.5	254.8	225.3	195.2	164.3	137.8	115.8	93.5
-80°	258.5	237.7	216.2	193.9	171.0	147.8	131.2	114.2	96.9	79.2	61.3
-82.5°	152.3	140.5	129.4	117.9	106.1	93.9	81.4	68.7	55.7	42.5	35.9
-85°	78.0	70.8	63.4	55.8	47.9	39.9	36.8	33.7	30.5	27.3	24.0
-87.5°	27.0	25.6	24.3	22.9	21.4	19.9	18.4	16.9	15.3	13.6	12.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-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°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
85°	20.6	17.3	13.8	10.4	6.9	3.5	0.0
82.5°	30.9	25.8	20.7	15.6	10.4	5.2	0.0
80°	43.2	34.4	27.6	20.7	13.8	6.9	0.0
77.5°	70.8	47.9	34.4	25.8	17.3	8.6	0.0
75°	98.2	70.8	43.2	30.9	20.6	10.3	0.0
72.5°	125.3	93.5	61.3	35.9	24.0	12.0	0.0
70°	153.6	115.8	79.2	42.5	27.3	13.6	0.0
67.5°	191.9	137.8	96.9	55.7	30.5	15.3	0.0
65°	229.6	164.3	114.2	68.7	33.7	16.9	0.0
62.5°	266.5	195.2	131.2	81.4	36.8	18.4	0.0
60°	302.7	225.3	147.8	93.9	39.9	19.9	0.0
57.5°	341.2	254.8	171.0	106.1	47.9	21.4	0.0
55°	379.1	283.5	193.9	117.9	55.8	22.9	0.0
52.5°	415.9	311.8	216.2	129.4	63.4	24.3	0.0
50°	451.5	341.4	237.7	140.5	70.8	25.6	0.0
47.5°	485.7	370.1	258.5	152.3	78.0	27.0	0.0
45°	517.3	397.6	278.5	167.3	84.8	28.2	0.0
42.5°	547.5	424.0	297.7	181.7	91.4	29.4	0.0
40°	576.4	449.2	316.9	195.3	97.7	30.6	0.0
37.5°	603.9	473.2	336.0	208.3	103.6	31.7	0.0
35°	629.9	495.1	354.0	220.6	109.2	32.7	0.0
32.5°	655.4	515.4	371.0	232.1	114.5	33.6	0.0
30°	681.3	534.4	386.9	242.9	119.4	34.6	0.0
27.5°	705.4	552.0	401.6	252.9	124.0	35.4	0.0
25°	727.6	568.3	415.1	262.1	128.2	36.2	0.0
22.5°	747.8	583.0	427.5	270.5	132.0	36.9	0.0
20°	766.0	596.3	438.6	278.0	135.5	37.5	0.0
17.5°	782.2	608.2	448.4	284.7	138.5	38.1	0.0
15°	796.3	618.5	457.0	290.5	141.2	38.5	0.0
12.5°	808.3	627.2	464.3	295.5	143.4	39.0	0.0
10°	818.1	634.4	470.3	299.5	145.3	39.3	0.0
7.5°	825.8	640.0	475.0	302.7	146.7	39.6	0.0
5°	831.3	644.0	478.3	305.0	147.8	39.7	0.0
2.5°	834.6	646.4	480.3	306.3	148.4	39.9	0.0
0°	835.7	647.2	481.0	306.8	148.6	39.9	0.0
-2.5°	834.6	646.4	480.3	306.3	148.4	39.9	0.0
-5°	831.3	644.0	478.3	305.0	147.8	39.7	0.0
-7.5°	825.8	640.0	475.0	302.7	146.7	39.6	0.0
-10°	818.1	634.4	470.3	299.5	145.3	39.3	0.0
-12.5°	808.3	627.2	464.3	295.5	143.4	39.0	0.0
-15°	796.3	618.5	457.0	290.5	141.2	38.5	0.0
-17.5°	782.2	608.2	448.4	284.7	138.5	38.1	0.0
-20°	766.0	596.3	438.6	278.0	135.5	37.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645438 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	747.8	583.0	427.5	270.5	132.0	36.9	0.0
-25°	727.6	568.3	415.1	262.1	128.2	36.2	0.0
-27.5°	705.4	552.0	401.6	252.9	124.0	35.4	0.0
-30°	681.3	534.4	386.9	242.9	119.4	34.6	0.0
-32.5°	655.4	515.4	371.0	232.1	114.5	33.6	0.0
-35°	629.9	495.1	354.0	220.6	109.2	32.7	0.0
-37.5°	603.9	473.2	336.0	208.3	103.6	31.7	0.0
-40°	576.4	449.2	316.9	195.3	97.7	30.6	0.0
-42.5°	547.5	424.0	297.7	181.7	91.4	29.4	0.0
-45°	517.3	397.6	278.5	167.3	84.8	28.2	0.0
-47.5°	485.7	370.1	258.5	152.3	78.0	27.0	0.0
-50°	451.5	341.4	237.7	140.5	70.8	25.6	0.0
-52.5°	415.9	311.8	216.2	129.4	63.4	24.3	0.0
-55°	379.1	283.5	193.9	117.9	55.8	22.9	0.0
-57.5°	341.2	254.8	171.0	106.1	47.9	21.4	0.0
-60°	302.7	225.3	147.8	93.9	39.9	19.9	0.0
-62.5°	266.5	195.2	131.2	81.4	36.8	18.4	0.0
-65°	229.6	164.3	114.2	68.7	33.7	16.9	0.0
-67.5°	191.9	137.8	96.9	55.7	30.5	15.3	0.0
-70°	153.6	115.8	79.2	42.5	27.3	13.6	0.0
-72.5°	125.3	93.5	61.3	35.9	24.0	12.0	0.0
-75°	98.2	70.8	43.2	30.9	20.6	10.3	0.0
-77.5°	70.8	47.9	34.4	25.8	17.3	8.6	0.0
-80°	43.2	34.4	27.6	20.7	13.8	6.9	0.0
-82.5°	30.9	25.8	20.7	15.6	10.4	5.2	0.0
-85°	20.6	17.3	13.8	10.4	6.9	3.5	0.0
-87.5°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)