

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: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1D-750-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645342 (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-SA1D-750-U-LAM-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

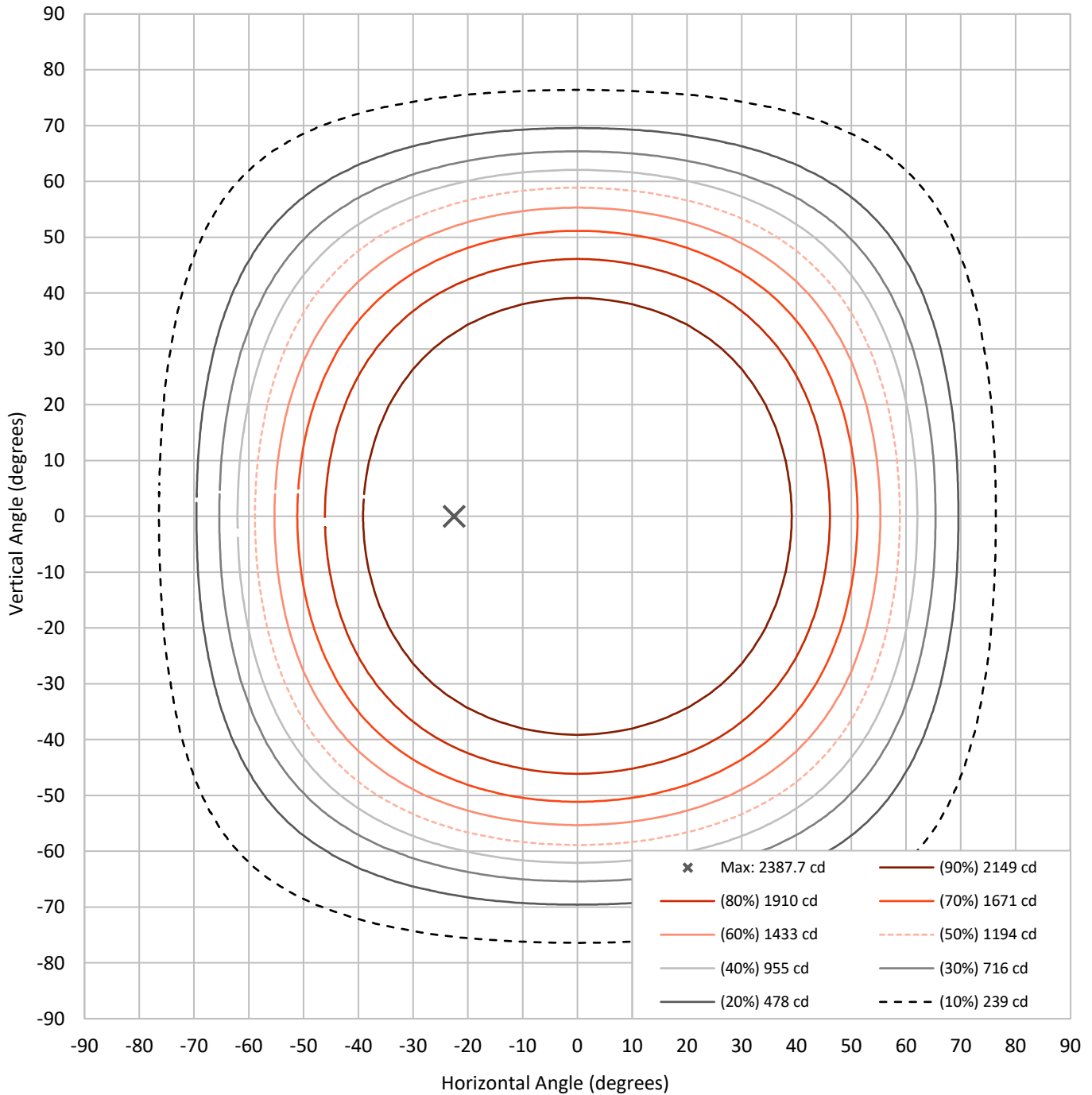
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7304.2 lumens	Max Intensity:	2387.7 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	127.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	6078.7 lumens	Field Lumens:	7160.5 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	57.3		
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





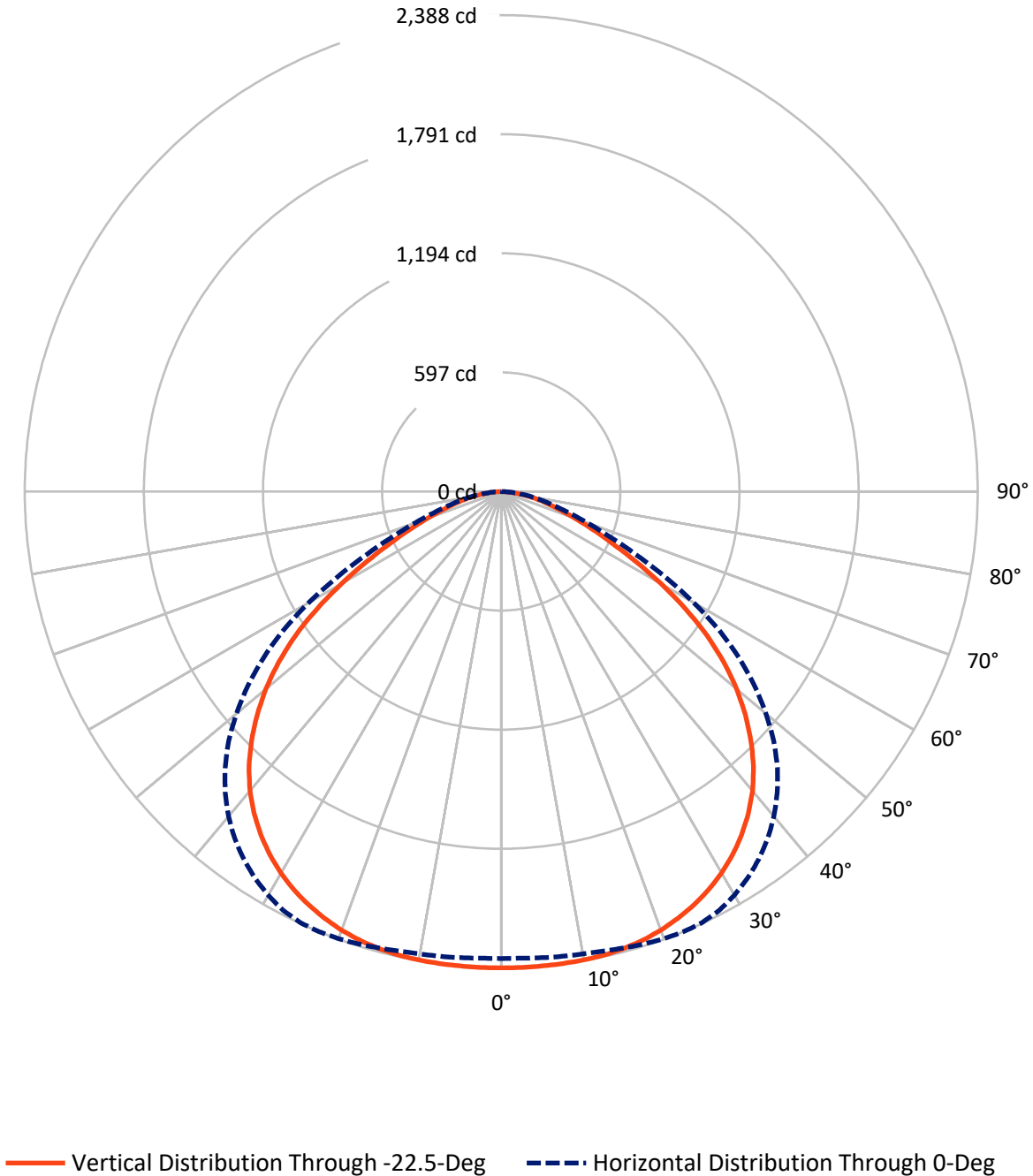
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### Lumen Table

90																			
80	0.4	3.8	10.7	17.8	20.8	17.8	10.7	3.8	0.4										
70																			
60	1.8	2.1	4.4	7.8	12.0	16.6	20.5	22.7	22.7	20.5	16.6	12.0	7.8	4.4	2.1				1.8
50																			
40	3.4	3.3	7.6	14.7	24.0	33.0	39.8	43.3	43.3	39.8	33.0	24.0	14.7	7.6	3.3				3.4
30																			
20	4.7	4.7	12.0	23.9	36.6	47.2	54.8	58.6	58.6	54.8	47.2	36.6	23.9	12.0	4.7				4.7
10																			
0	5.2	6.3	16.9	31.6	45.5	56.5	64.0	67.7	67.7	64.0	56.5	45.5	31.6	16.9	6.3				5.2
-10																			
-20	4.7	7.9	21.1	37.0	51.1	61.9	68.8	71.9	71.9	68.8	61.9	51.1	37.0	21.1	7.9				4.7
-30																			
-40	3.4	9.2	23.8	40.2	54.3	64.6	70.0	71.9	71.9	70.0	64.6	54.3	40.2	23.8	9.2				3.4
-50																			
-60	1.8	9.9	25.2	41.7	55.7	65.4	69.7	71.2	71.2	69.7	65.4	55.7	41.7	25.2	9.9				1.8
-70																			
-80	0.4	2.1	4.4	7.8	12.0	16.6	20.5	22.7	22.7	20.5	16.6	12.0	7.8	4.4	2.1				0.4
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

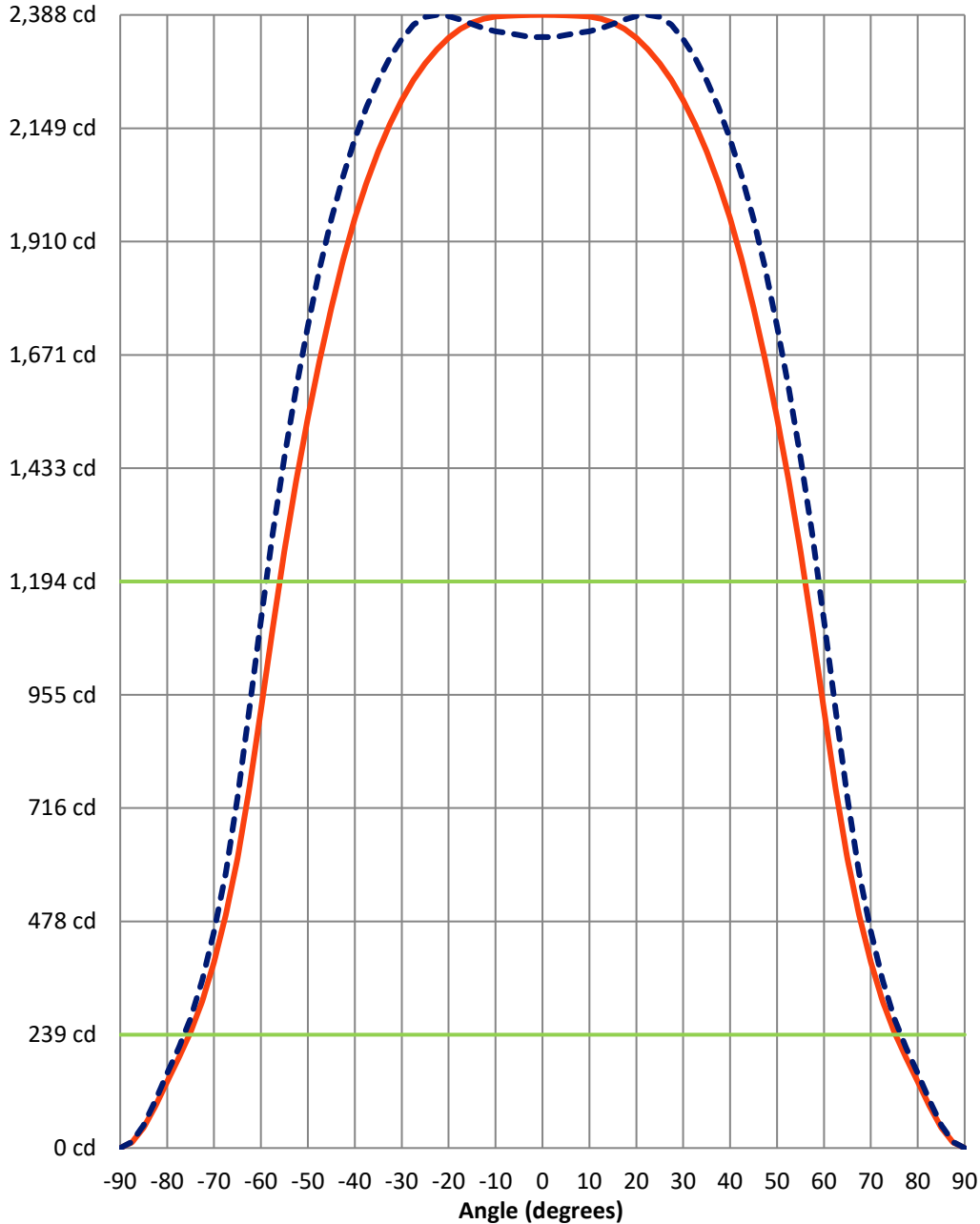
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 6078.7  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 7160.5  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 143.7  
 Efficiency: 2.0%

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

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FIELD  
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	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	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.5
85°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.0	11.1
82.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.9	18.3	22.5
80°	0.0	2.3	4.5	6.8	9.1	11.3	14.2	20.1	25.9	31.7	37.4
77.5°	0.0	2.8	5.7	8.5	11.3	15.7	23.2	30.6	37.9	45.1	53.7
75°	0.0	3.4	6.8	10.1	14.2	23.2	32.1	41.0	50.2	62.7	75.1
72.5°	0.0	3.9	7.9	11.8	20.1	30.6	41.0	52.5	67.3	81.9	96.2
70°	0.0	4.5	9.0	13.9	25.9	37.9	50.2	67.3	84.1	100.8	118.8
67.5°	0.0	5.0	10.0	18.3	31.7	45.1	62.7	81.9	100.8	121.3	141.5
65°	0.0	5.5	11.1	22.5	37.4	53.7	75.1	96.2	118.8	141.5	163.6
62.5°	0.0	6.0	12.1	26.7	42.9	63.8	87.1	111.3	136.5	161.2	184.5
60°	0.0	6.5	13.1	30.7	48.3	73.7	99.0	126.5	153.8	179.7	205.1
57.5°	0.0	7.0	15.7	34.7	55.9	83.3	111.6	141.3	170.1	197.8	227.0
55°	0.0	7.5	18.3	38.6	63.4	92.7	123.9	155.7	185.8	216.0	249.3
52.5°	0.0	8.0	20.8	42.3	70.7	101.9	136.0	169.2	201.1	235.6	271.0
50°	0.0	8.4	23.2	45.9	77.7	111.6	147.6	182.2	216.5	254.5	298.0
47.5°	0.0	8.8	25.5	49.8	84.5	121.0	158.8	194.7	232.8	272.9	324.7
45°	0.0	9.3	27.8	54.7	91.1	130.0	169.1	206.7	248.5	295.9	350.6
42.5°	0.0	9.7	29.9	59.4	97.3	138.7	179.0	219.2	263.6	318.2	381.0
40°	0.0	10.0	32.0	63.9	103.6	146.9	188.5	231.8	279.4	339.5	411.1
37.5°	0.0	10.4	33.9	68.1	109.8	154.7	197.5	243.7	297.4	361.3	439.8
35°	0.0	10.7	35.7	72.1	115.8	161.9	206.0	255.0	314.4	385.7	469.1
32.5°	0.0	11.0	37.5	75.9	121.3	168.5	214.3	265.7	330.4	408.7	499.9
30°	0.0	11.3	39.1	79.4	126.5	174.8	222.8	276.4	345.4	430.2	528.8
27.5°	0.0	11.6	40.6	82.7	131.3	180.5	230.7	288.5	360.8	450.2	555.6
25°	0.0	11.9	41.9	85.7	135.7	185.8	237.9	299.7	377.0	471.0	580.7
22.5°	0.0	12.1	43.2	88.4	139.8	190.6	244.5	309.9	391.9	491.2	610.1
20°	0.0	12.3	44.3	90.9	143.4	195.0	250.5	319.0	405.3	509.4	636.5
17.5°	0.0	12.5	45.3	93.1	146.6	198.8	255.8	327.2	417.2	525.7	660.1
15°	0.0	12.7	46.2	95.0	149.5	202.2	260.4	334.3	427.6	539.8	680.6
12.5°	0.0	12.8	46.9	96.6	151.8	205.1	264.3	340.4	436.4	551.8	698.1
10°	0.0	12.9	47.5	97.9	153.8	207.4	267.5	345.3	443.6	561.7	712.5
7.5°	0.0	13.0	48.0	99.0	155.3	209.2	270.1	349.2	449.3	569.4	723.8
5°	0.0	13.1	48.3	99.7	156.4	210.6	271.9	352.0	453.4	575.0	731.8
2.5°	0.0	13.1	48.5	100.2	157.1	211.3	272.9	353.6	455.8	578.3	736.7
0°	0.0	13.1	48.6	100.3	157.3	211.6	273.3	354.2	456.6	579.4	738.3
-2.5°	0.0	13.1	48.5	100.2	157.1	211.3	272.9	353.6	455.8	578.3	736.7
-5°	0.0	13.1	48.3	99.7	156.4	210.6	271.9	352.0	453.4	575.0	731.8
-7.5°	0.0	13.0	48.0	99.0	155.3	209.2	270.1	349.2	449.3	569.4	723.8
-10°	0.0	12.9	47.5	97.9	153.8	207.4	267.5	345.3	443.6	561.7	712.5
-12.5°	0.0	12.8	46.9	96.6	151.8	205.1	264.3	340.4	436.4	551.8	698.1
-15°	0.0	12.7	46.2	95.0	149.5	202.2	260.4	334.3	427.6	539.8	680.6
-17.5°	0.0	12.5	45.3	93.1	146.6	198.8	255.8	327.2	417.2	525.7	660.1
-20°	0.0	12.3	44.3	90.9	143.4	195.0	250.5	319.0	405.3	509.4	636.5

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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	12.1	43.2	88.4	139.8	190.6	244.5	309.9	391.9	491.2	610.1
-25°	0.0	11.9	41.9	85.7	135.7	185.8	237.9	299.7	377.0	471.0	580.7
-27.5°	0.0	11.6	40.6	82.7	131.3	180.5	230.7	288.5	360.8	450.2	555.6
-30°	0.0	11.3	39.1	79.4	126.5	174.8	222.8	276.4	345.4	430.2	528.8
-32.5°	0.0	11.0	37.5	75.9	121.3	168.5	214.3	265.7	330.4	408.7	499.9
-35°	0.0	10.7	35.7	72.1	115.8	161.9	206.0	255.0	314.4	385.7	469.1
-37.5°	0.0	10.4	33.9	68.1	109.8	154.7	197.5	243.7	297.4	361.3	439.8
-40°	0.0	10.0	32.0	63.9	103.6	146.9	188.5	231.8	279.4	339.5	411.1
-42.5°	0.0	9.7	29.9	59.4	97.3	138.7	179.0	219.2	263.6	318.2	381.0
-45°	0.0	9.3	27.8	54.7	91.1	130.0	169.1	206.7	248.5	295.9	350.6
-47.5°	0.0	8.8	25.5	49.8	84.5	121.0	158.8	194.7	232.8	272.9	324.7
-50°	0.0	8.4	23.2	45.9	77.7	111.6	147.6	182.2	216.5	254.5	298.0
-52.5°	0.0	8.0	20.8	42.3	70.7	101.9	136.0	169.2	201.1	235.6	271.0
-55°	0.0	7.5	18.3	38.6	63.4	92.7	123.9	155.7	185.8	216.0	249.3
-57.5°	0.0	7.0	15.7	34.7	55.9	83.3	111.6	141.3	170.1	197.8	227.0
-60°	0.0	6.5	13.1	30.7	48.3	73.7	99.0	126.5	153.8	179.7	205.1
-62.5°	0.0	6.0	12.1	26.7	42.9	63.8	87.1	111.3	136.5	161.2	184.5
-65°	0.0	5.5	11.1	22.5	37.4	53.7	75.1	96.2	118.8	141.5	163.6
-67.5°	0.0	5.0	10.0	18.3	31.7	45.1	62.7	81.9	100.8	121.3	141.5
-70°	0.0	4.5	9.0	13.9	25.9	37.9	50.2	67.3	84.1	100.8	118.8
-72.5°	0.0	3.9	7.9	11.8	20.1	30.6	41.0	52.5	67.3	81.9	96.2
-75°	0.0	3.4	6.8	10.1	14.2	23.2	32.1	41.0	50.2	62.7	75.1
-77.5°	0.0	2.8	5.7	8.5	11.3	15.7	23.2	30.6	37.9	45.1	53.7
-80°	0.0	2.3	4.5	6.8	9.1	11.3	14.2	20.1	25.9	31.7	37.4
-82.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.9	18.3	22.5
-85°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.0	11.1
-87.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.5
-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):**

	-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°	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.3	9.7	10.0	10.4
85°	12.1	13.1	15.7	18.3	20.8	23.2	25.5	27.8	29.9	32.0	33.9
82.5°	26.7	30.7	34.7	38.6	42.3	45.9	49.8	54.7	59.4	63.9	68.1
80°	42.9	48.3	55.9	63.4	70.7	77.7	84.5	91.1	97.3	103.6	109.8
77.5°	63.8	73.7	83.3	92.7	101.9	111.6	121.0	130.0	138.7	146.9	154.7
75°	87.1	99.0	111.6	123.9	136.0	147.6	158.8	169.1	179.0	188.5	197.5
72.5°	111.3	126.5	141.3	155.7	169.2	182.2	194.7	206.7	219.2	231.8	243.7
70°	136.5	153.8	170.1	185.8	201.1	216.5	232.8	248.5	263.6	279.4	297.4
67.5°	161.2	179.7	197.8	216.0	235.6	254.5	272.9	295.9	318.2	339.5	361.3
65°	184.5	205.1	227.0	249.3	271.0	298.0	324.7	350.6	381.0	411.1	439.8
62.5°	207.5	232.5	257.6	284.9	316.2	346.6	381.9	418.0	452.6	491.7	529.8
60°	232.5	260.4	292.2	327.2	363.2	405.3	446.1	491.2	536.7	580.7	634.7
57.5°	257.6	292.2	330.9	372.6	419.4	466.6	519.7	571.0	632.6	694.1	755.3
55°	284.9	327.2	372.6	424.1	478.0	536.9	598.4	670.1	739.5	816.8	890.8
52.5°	316.2	363.2	419.4	478.0	542.7	613.4	692.8	774.9	861.4	945.3	1027.6
50°	346.6	405.3	466.6	536.9	613.4	700.4	792.8	888.3	982.7	1074.8	1161.0
47.5°	381.9	446.1	519.7	598.4	692.8	792.8	897.4	1001.5	1103.3	1197.8	1288.2
45°	418.0	491.2	571.0	670.1	774.9	888.3	1001.5	1112.9	1216.3	1313.9	1399.2
42.5°	452.6	536.7	632.6	739.5	861.4	982.7	1103.3	1216.3	1322.2	1416.2	1501.9
40°	491.7	580.7	694.1	816.8	945.3	1074.8	1197.8	1313.9	1416.2	1509.8	1596.6
37.5°	529.8	634.7	755.3	890.8	1027.6	1161.0	1288.2	1399.2	1501.9	1596.6	1679.9
35°	565.9	686.1	820.3	962.6	1106.2	1241.8	1365.6	1478.6	1580.7	1672.6	1757.7
32.5°	606.1	734.6	881.9	1031.5	1177.8	1315.8	1438.6	1549.2	1650.6	1743.9	1828.5
30°	647.5	786.9	940.2	1096.5	1245.0	1380.0	1502.6	1614.6	1715.2	1807.4	1890.2
27.5°	686.1	836.2	996.0	1155.2	1306.4	1440.2	1561.2	1671.4	1772.6	1865.4	1945.7
25°	721.7	881.9	1047.5	1209.0	1358.1	1492.3	1614.3	1724.4	1825.1	1914.1	1992.2
22.5°	756.9	923.6	1094.8	1258.3	1405.6	1538.8	1659.7	1770.1	1870.8	1959.0	2034.0
20°	791.1	962.6	1136.5	1302.1	1448.7	1581.1	1701.0	1811.2	1909.3	1994.7	2069.3
17.5°	821.5	997.3	1173.0	1337.4	1484.2	1617.1	1737.5	1848.2	1943.8	2026.8	2099.8
15°	848.1	1027.6	1204.9	1368.3	1514.7	1647.1	1767.5	1876.9	1972.0	2054.2	2126.7
12.5°	870.7	1053.5	1232.1	1394.7	1540.7	1672.7	1793.2	1901.1	1994.5	2075.7	2146.6
10°	889.3	1074.8	1254.5	1416.5	1562.3	1693.9	1814.4	1921.1	2013.2	2093.6	2163.2
7.5°	903.9	1091.4	1272.0	1433.6	1579.1	1710.5	1831.1	1936.8	2028.0	2107.7	2176.3
5°	914.3	1103.3	1284.6	1445.8	1591.2	1722.4	1843.1	1948.1	2038.6	2117.8	2185.8
2.5°	920.6	1110.5	1292.2	1453.1	1598.5	1729.6	1850.3	1954.9	2045.0	2124.0	2191.5
0°	922.7	1112.9	1294.7	1455.6	1600.9	1732.0	1852.7	1957.2	2047.1	2126.0	2193.4
-2.5°	920.6	1110.5	1292.2	1453.1	1598.5	1729.6	1850.3	1954.9	2045.0	2124.0	2191.5
-5°	914.3	1103.3	1284.6	1445.8	1591.2	1722.4	1843.1	1948.1	2038.6	2117.8	2185.8
-7.5°	903.9	1091.4	1272.0	1433.6	1579.1	1710.5	1831.1	1936.8	2028.0	2107.7	2176.3
-10°	889.3	1074.8	1254.5	1416.5	1562.3	1693.9	1814.4	1921.1	2013.2	2093.6	2163.2
-12.5°	870.7	1053.5	1232.1	1394.7	1540.7	1672.7	1793.2	1901.1	1994.5	2075.7	2146.6
-15°	848.1	1027.6	1204.9	1368.3	1514.7	1647.1	1767.5	1876.9	1972.0	2054.2	2126.7
-17.5°	821.5	997.3	1173.0	1337.4	1484.2	1617.1	1737.5	1848.2	1943.8	2026.8	2099.8
-20°	791.1	962.6	1136.5	1302.1	1448.7	1581.1	1701.0	1811.2	1909.3	1994.7	2069.3



REPORT NUMBER: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	756.9	923.6	1094.8	1258.3	1405.6	1538.8	1659.7	1770.1	1870.8	1959.0	2034.0
-25°	721.7	881.9	1047.5	1209.0	1358.1	1492.3	1614.3	1724.4	1825.1	1914.1	1992.2
-27.5°	686.1	836.2	996.0	1155.2	1306.4	1440.2	1561.2	1671.4	1772.6	1865.4	1945.7
-30°	647.5	786.9	940.2	1096.5	1245.0	1380.0	1502.6	1614.6	1715.2	1807.4	1890.2
-32.5°	606.1	734.6	881.9	1031.5	1177.8	1315.8	1438.6	1549.2	1650.6	1743.9	1828.5
-35°	565.9	686.1	820.3	962.6	1106.2	1241.8	1365.6	1478.6	1580.7	1672.6	1757.7
-37.5°	529.8	634.7	755.3	890.8	1027.6	1161.0	1288.2	1399.2	1501.9	1596.6	1679.9
-40°	491.7	580.7	694.1	816.8	945.3	1074.8	1197.8	1313.9	1416.2	1509.8	1596.6
-42.5°	452.6	536.7	632.6	739.5	861.4	982.7	1103.3	1216.3	1322.2	1416.2	1501.9
-45°	418.0	491.2	571.0	670.1	774.9	888.3	1001.5	1112.9	1216.3	1313.9	1399.2
-47.5°	381.9	446.1	519.7	598.4	692.8	792.8	897.4	1001.5	1103.3	1197.8	1288.2
-50°	346.6	405.3	466.6	536.9	613.4	700.4	792.8	888.3	982.7	1074.8	1161.0
-52.5°	316.2	363.2	419.4	478.0	542.7	613.4	692.8	774.9	861.4	945.3	1027.6
-55°	284.9	327.2	372.6	424.1	478.0	536.9	598.4	670.1	739.5	816.8	890.8
-57.5°	257.6	292.2	330.9	372.6	419.4	466.6	519.7	571.0	632.6	694.1	755.3
-60°	232.5	260.4	292.2	327.2	363.2	405.3	446.1	491.2	536.7	580.7	634.7
-62.5°	207.5	232.5	257.6	284.9	316.2	346.6	381.9	418.0	452.6	491.7	529.8
-65°	184.5	205.1	227.0	249.3	271.0	298.0	324.7	350.6	381.0	411.1	439.8
-67.5°	161.2	179.7	197.8	216.0	235.6	254.5	272.9	295.9	318.2	339.5	361.3
-70°	136.5	153.8	170.1	185.8	201.1	216.5	232.8	248.5	263.6	279.4	297.4
-72.5°	111.3	126.5	141.3	155.7	169.2	182.2	194.7	206.7	219.2	231.8	243.7
-75°	87.1	99.0	111.6	123.9	136.0	147.6	158.8	169.1	179.0	188.5	197.5
-77.5°	63.8	73.7	83.3	92.7	101.9	111.6	121.0	130.0	138.7	146.9	154.7
-80°	42.9	48.3	55.9	63.4	70.7	77.7	84.5	91.1	97.3	103.6	109.8
-82.5°	26.7	30.7	34.7	38.6	42.3	45.9	49.8	54.7	59.4	63.9	68.1
-85°	12.1	13.1	15.7	18.3	20.8	23.2	25.5	27.8	29.9	32.0	33.9
-87.5°	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.3	9.7	10.0	10.4
-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: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.8	12.9
85°	35.7	37.5	39.1	40.6	41.9	43.2	44.3	45.3	46.2	46.9	47.5
82.5°	72.1	75.9	79.4	82.7	85.7	88.4	90.9	93.1	95.0	96.6	97.9
80°	115.8	121.3	126.5	131.3	135.7	139.8	143.4	146.6	149.5	151.8	153.8
77.5°	161.9	168.5	174.8	180.5	185.8	190.6	195.0	198.8	202.2	205.1	207.4
75°	206.0	214.3	222.8	230.7	237.9	244.5	250.5	255.8	260.4	264.3	267.5
72.5°	255.0	265.7	276.4	288.5	299.7	309.9	319.0	327.2	334.3	340.4	345.3
70°	314.4	330.4	345.4	360.8	377.0	391.9	405.3	417.2	427.6	436.4	443.6
67.5°	385.7	408.7	430.2	450.2	471.0	491.2	509.4	525.7	539.8	551.8	561.7
65°	469.1	499.9	528.8	555.6	580.7	610.1	636.5	660.1	680.6	698.1	712.5
62.5°	565.9	606.1	647.5	686.1	721.7	756.9	791.1	821.5	848.1	870.7	889.3
60°	686.1	734.6	786.9	836.2	881.9	923.6	962.6	997.3	1027.6	1053.5	1074.8
57.5°	820.3	881.9	940.2	996.0	1047.5	1094.8	1136.5	1173.0	1204.9	1232.1	1254.5
55°	962.6	1031.5	1096.5	1155.2	1209.0	1258.3	1302.1	1337.4	1368.3	1394.7	1416.5
52.5°	1106.2	1177.8	1245.0	1306.4	1358.1	1405.6	1448.7	1484.2	1514.7	1540.7	1562.3
50°	1241.8	1315.8	1380.0	1440.2	1492.3	1538.8	1581.1	1617.1	1647.1	1672.7	1693.9
47.5°	1365.6	1438.6	1502.6	1561.2	1614.3	1659.7	1701.0	1737.5	1767.5	1793.2	1814.4
45°	1478.6	1549.2	1614.6	1671.4	1724.4	1770.1	1811.2	1848.2	1876.9	1901.1	1921.1
42.5°	1580.7	1650.6	1715.2	1772.6	1825.1	1870.8	1909.3	1943.8	1972.0	1994.5	2013.2
40°	1672.6	1743.9	1807.4	1865.4	1914.1	1959.0	1994.7	2026.8	2054.2	2075.7	2093.6
37.5°	1757.7	1828.5	1890.2	1945.7	1992.2	2034.0	2069.3	2099.8	2126.7	2146.6	2163.2
35°	1835.6	1902.8	1963.9	2014.8	2060.9	2100.2	2134.9	2163.0	2188.0	2207.0	2222.2
32.5°	1902.8	1969.5	2026.2	2076.3	2121.3	2158.0	2191.3	2217.0	2239.7	2258.0	2272.1
30°	1963.9	2026.2	2081.5	2131.1	2172.1	2207.8	2237.8	2263.0	2283.9	2301.4	2313.7
27.5°	2014.8	2076.3	2131.1	2176.9	2216.1	2250.5	2277.9	2302.1	2320.4	2336.4	2347.1
25°	2060.9	2121.3	2172.1	2216.1	2254.1	2285.6	2311.7	2333.6	2349.8	2363.5	2371.4
22.5°	2100.2	2158.0	2207.8	2250.5	2285.6	2314.9	2339.5	2358.0	2371.3	2379.6	2384.3
20°	2134.9	2191.3	2237.8	2277.9	2311.7	2339.5	2360.9	2374.6	2383.8	2386.1	2387.5
17.5°	2163.0	2217.0	2263.0	2302.1	2333.6	2358.0	2374.6	2384.3	2387.0	2386.5	2385.2
15°	2188.0	2239.7	2283.9	2320.4	2349.8	2371.3	2383.8	2387.0	2386.2	2383.4	2379.2
12.5°	2207.0	2258.0	2301.4	2336.4	2363.5	2379.6	2386.1	2386.5	2383.4	2378.1	2372.0
10°	2222.2	2272.1	2313.7	2347.1	2371.4	2384.3	2387.5	2385.2	2379.2	2372.0	2365.2
7.5°	2234.1	2283.2	2323.6	2355.6	2376.6	2385.8	2386.5	2382.2	2374.9	2366.8	2359.4
5°	2242.8	2291.3	2330.7	2361.8	2380.4	2386.8	2385.7	2379.8	2371.4	2362.9	2356.1
2.5°	2248.0	2296.3	2335.0	2365.5	2382.7	2387.5	2385.3	2378.3	2369.2	2360.4	2354.0
0°	2249.8	2297.9	2336.5	2366.8	2383.5	2387.7	2385.1	2377.8	2368.4	2359.5	2353.2
-2.5°	2248.0	2296.3	2335.0	2365.5	2382.7	2387.5	2385.3	2378.3	2369.2	2360.4	2354.0
-5°	2242.8	2291.3	2330.7	2361.8	2380.4	2386.8	2385.7	2379.8	2371.4	2362.9	2356.1
-7.5°	2234.1	2283.2	2323.6	2355.6	2376.6	2385.8	2386.5	2382.2	2374.9	2366.8	2359.4
-10°	2222.2	2272.1	2313.7	2347.1	2371.4	2384.3	2387.5	2385.2	2379.2	2372.0	2365.2
-12.5°	2207.0	2258.0	2301.4	2336.4	2363.5	2379.6	2386.1	2386.5	2383.4	2378.1	2372.0
-15°	2188.0	2239.7	2283.9	2320.4	2349.8	2371.3	2383.8	2387.0	2386.2	2383.4	2379.2
-17.5°	2163.0	2217.0	2263.0	2302.1	2333.6	2358.0	2374.6	2384.3	2387.0	2386.5	2385.2
-20°	2134.9	2191.3	2237.8	2277.9	2311.7	2339.5	2360.9	2374.6	2383.8	2386.1	2387.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-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°	2100.2	2158.0	2207.8	2250.5	2285.6	2314.9	2339.5	2358.0	2371.3	2379.6	2384.3
-25°	2060.9	2121.3	2172.1	2216.1	2254.1	2285.6	2311.7	2333.6	2349.8	2363.5	2371.4
-27.5°	2014.8	2076.3	2131.1	2176.9	2216.1	2250.5	2277.9	2302.1	2320.4	2336.4	2347.1
-30°	1963.9	2026.2	2081.5	2131.1	2172.1	2207.8	2237.8	2263.0	2283.9	2301.4	2313.7
-32.5°	1902.8	1969.5	2026.2	2076.3	2121.3	2158.0	2191.3	2217.0	2239.7	2258.0	2272.1
-35°	1835.6	1902.8	1963.9	2014.8	2060.9	2100.2	2134.9	2163.0	2188.0	2207.0	2222.2
-37.5°	1757.7	1828.5	1890.2	1945.7	1992.2	2034.0	2069.3	2099.8	2126.7	2146.6	2163.2
-40°	1672.6	1743.9	1807.4	1865.4	1914.1	1959.0	1994.7	2026.8	2054.2	2075.7	2093.6
-42.5°	1580.7	1650.6	1715.2	1772.6	1825.1	1870.8	1909.3	1943.8	1972.0	1994.5	2013.2
-45°	1478.6	1549.2	1614.6	1671.4	1724.4	1770.1	1811.2	1848.2	1876.9	1901.1	1921.1
-47.5°	1365.6	1438.6	1502.6	1561.2	1614.3	1659.7	1701.0	1737.5	1767.5	1793.2	1814.4
-50°	1241.8	1315.8	1380.0	1440.2	1492.3	1538.8	1581.1	1617.1	1647.1	1672.7	1693.9
-52.5°	1106.2	1177.8	1245.0	1306.4	1358.1	1405.6	1448.7	1484.2	1514.7	1540.7	1562.3
-55°	962.6	1031.5	1096.5	1155.2	1209.0	1258.3	1302.1	1337.4	1368.3	1394.7	1416.5
-57.5°	820.3	881.9	940.2	996.0	1047.5	1094.8	1136.5	1173.0	1204.9	1232.1	1254.5
-60°	686.1	734.6	786.9	836.2	881.9	923.6	962.6	997.3	1027.6	1053.5	1074.8
-62.5°	565.9	606.1	647.5	686.1	721.7	756.9	791.1	821.5	848.1	870.7	889.3
-65°	469.1	499.9	528.8	555.6	580.7	610.1	636.5	660.1	680.6	698.1	712.5
-67.5°	385.7	408.7	430.2	450.2	471.0	491.2	509.4	525.7	539.8	551.8	561.7
-70°	314.4	330.4	345.4	360.8	377.0	391.9	405.3	417.2	427.6	436.4	443.6
-72.5°	255.0	265.7	276.4	288.5	299.7	309.9	319.0	327.2	334.3	340.4	345.3
-75°	206.0	214.3	222.8	230.7	237.9	244.5	250.5	255.8	260.4	264.3	267.5
-77.5°	161.9	168.5	174.8	180.5	185.8	190.6	195.0	198.8	202.2	205.1	207.4
-80°	115.8	121.3	126.5	131.3	135.7	139.8	143.4	146.6	149.5	151.8	153.8
-82.5°	72.1	75.9	79.4	82.7	85.7	88.4	90.9	93.1	95.0	96.6	97.9
-85°	35.7	37.5	39.1	40.6	41.9	43.2	44.3	45.3	46.2	46.9	47.5
-87.5°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.8	12.9
-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: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.7	12.5
85°	48.0	48.3	48.5	48.6	48.5	48.3	48.0	47.5	46.9	46.2	45.3
82.5°	99.0	99.7	100.2	100.3	100.2	99.7	99.0	97.9	96.6	95.0	93.1
80°	155.3	156.4	157.1	157.3	157.1	156.4	155.3	153.8	151.8	149.5	146.6
77.5°	209.2	210.6	211.3	211.6	211.3	210.6	209.2	207.4	205.1	202.2	198.8
75°	270.1	271.9	272.9	273.3	272.9	271.9	270.1	267.5	264.3	260.4	255.8
72.5°	349.2	352.0	353.6	354.2	353.6	352.0	349.2	345.3	340.4	334.3	327.2
70°	449.3	453.4	455.8	456.6	455.8	453.4	449.3	443.6	436.4	427.6	417.2
67.5°	569.4	575.0	578.3	579.4	578.3	575.0	569.4	561.7	551.8	539.8	525.7
65°	723.8	731.8	736.7	738.3	736.7	731.8	723.8	712.5	698.1	680.6	660.1
62.5°	903.9	914.3	920.6	922.7	920.6	914.3	903.9	889.3	870.7	848.1	821.5
60°	1091.4	1103.3	1110.5	1112.9	1110.5	1103.3	1091.4	1074.8	1053.5	1027.6	997.3
57.5°	1272.0	1284.6	1292.2	1294.7	1292.2	1284.6	1272.0	1254.5	1232.1	1204.9	1173.0
55°	1433.6	1445.8	1453.1	1455.6	1453.1	1445.8	1433.6	1416.5	1394.7	1368.3	1337.4
52.5°	1579.1	1591.2	1598.5	1600.9	1598.5	1591.2	1579.1	1562.3	1540.7	1514.7	1484.2
50°	1710.5	1722.4	1729.6	1732.0	1729.6	1722.4	1710.5	1693.9	1672.7	1647.1	1617.1
47.5°	1831.1	1843.1	1850.3	1852.7	1850.3	1843.1	1831.1	1814.4	1793.2	1767.5	1737.5
45°	1936.8	1948.1	1954.9	1957.2	1954.9	1948.1	1936.8	1921.1	1901.1	1876.9	1848.2
42.5°	2028.0	2038.6	2045.0	2047.1	2045.0	2038.6	2028.0	2013.2	1994.5	1972.0	1943.8
40°	2107.7	2117.8	2124.0	2126.0	2124.0	2117.8	2107.7	2093.6	2075.7	2054.2	2026.8
37.5°	2176.3	2185.8	2191.5	2193.4	2191.5	2185.8	2176.3	2163.2	2146.6	2126.7	2099.8
35°	2234.1	2242.8	2248.0	2249.8	2248.0	2242.8	2234.1	2222.2	2207.0	2188.0	2163.0
32.5°	2283.2	2291.3	2296.3	2297.9	2296.3	2291.3	2283.2	2272.1	2258.0	2239.7	2217.0
30°	2323.6	2330.7	2335.0	2336.5	2335.0	2330.7	2323.6	2313.7	2301.4	2283.9	2263.0
27.5°	2355.6	2361.8	2365.5	2366.8	2365.5	2361.8	2355.6	2347.1	2336.4	2320.4	2302.1
25°	2376.6	2380.4	2382.7	2383.5	2382.7	2380.4	2376.6	2371.4	2363.5	2349.8	2333.6
22.5°	2385.8	2386.8	2387.5	2387.7	2387.5	2386.8	2385.8	2384.3	2379.6	2371.3	2358.0
20°	2386.5	2385.7	2385.3	2385.1	2385.3	2385.7	2386.5	2387.5	2386.1	2383.8	2374.6
17.5°	2382.2	2379.8	2378.3	2377.8	2378.3	2379.8	2382.2	2385.2	2386.5	2387.0	2384.3
15°	2374.9	2371.4	2369.2	2368.4	2369.2	2371.4	2374.9	2379.2	2383.4	2386.2	2387.0
12.5°	2366.8	2362.9	2360.4	2359.5	2360.4	2362.9	2366.8	2372.0	2378.1	2383.4	2386.5
10°	2359.4	2356.1	2354.0	2353.2	2354.0	2356.1	2359.4	2365.2	2372.0	2379.2	2385.2
7.5°	2354.7	2351.8	2350.2	2349.6	2350.2	2351.8	2354.7	2359.4	2366.8	2374.9	2382.2
5°	2351.8	2348.9	2346.4	2345.4	2346.4	2348.9	2351.8	2356.1	2362.9	2371.4	2379.8
2.5°	2350.2	2346.4	2342.6	2340.7	2342.6	2346.4	2350.2	2354.0	2360.4	2369.2	2378.3
0°	2349.6	2345.4	2340.7	2341.2	2340.7	2345.4	2349.6	2353.2	2359.5	2368.4	2377.8
-2.5°	2350.2	2346.4	2342.6	2340.7	2342.6	2346.4	2350.2	2354.0	2360.4	2369.2	2378.3
-5°	2351.8	2348.9	2346.4	2345.4	2346.4	2348.9	2351.8	2356.1	2362.9	2371.4	2379.8
-7.5°	2354.7	2351.8	2350.2	2349.6	2350.2	2351.8	2354.7	2359.4	2366.8	2374.9	2382.2
-10°	2359.4	2356.1	2354.0	2353.2	2354.0	2356.1	2359.4	2365.2	2372.0	2379.2	2385.2
-12.5°	2366.8	2362.9	2360.4	2359.5	2360.4	2362.9	2366.8	2372.0	2378.1	2383.4	2386.5
-15°	2374.9	2371.4	2369.2	2368.4	2369.2	2371.4	2374.9	2379.2	2383.4	2386.2	2387.0
-17.5°	2382.2	2379.8	2378.3	2377.8	2378.3	2379.8	2382.2	2385.2	2386.5	2387.0	2384.3
-20°	2386.5	2385.7	2385.3	2385.1	2385.3	2385.7	2386.5	2387.5	2386.1	2383.8	2374.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-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°	2385.8	2386.8	2387.5	2387.7	2387.5	2386.8	2385.8	2384.3	2379.6	2371.3	2358.0
-25°	2376.6	2380.4	2382.7	2383.5	2382.7	2380.4	2376.6	2371.4	2363.5	2349.8	2333.6
-27.5°	2355.6	2361.8	2365.5	2366.8	2365.5	2361.8	2355.6	2347.1	2336.4	2320.4	2302.1
-30°	2323.6	2330.7	2335.0	2336.5	2335.0	2330.7	2323.6	2313.7	2301.4	2283.9	2263.0
-32.5°	2283.2	2291.3	2296.3	2297.9	2296.3	2291.3	2283.2	2272.1	2258.0	2239.7	2217.0
-35°	2234.1	2242.8	2248.0	2249.8	2248.0	2242.8	2234.1	2222.2	2207.0	2188.0	2163.0
-37.5°	2176.3	2185.8	2191.5	2193.4	2191.5	2185.8	2176.3	2163.2	2146.6	2126.7	2099.8
-40°	2107.7	2117.8	2124.0	2126.0	2124.0	2117.8	2107.7	2093.6	2075.7	2054.2	2026.8
-42.5°	2028.0	2038.6	2045.0	2047.1	2045.0	2038.6	2028.0	2013.2	1994.5	1972.0	1943.8
-45°	1936.8	1948.1	1954.9	1957.2	1954.9	1948.1	1936.8	1921.1	1901.1	1876.9	1848.2
-47.5°	1831.1	1843.1	1850.3	1852.7	1850.3	1843.1	1831.1	1814.4	1793.2	1767.5	1737.5
-50°	1710.5	1722.4	1729.6	1732.0	1729.6	1722.4	1710.5	1693.9	1672.7	1647.1	1617.1
-52.5°	1579.1	1591.2	1598.5	1600.9	1598.5	1591.2	1579.1	1562.3	1540.7	1514.7	1484.2
-55°	1433.6	1445.8	1453.1	1455.6	1453.1	1445.8	1433.6	1416.5	1394.7	1368.3	1337.4
-57.5°	1272.0	1284.6	1292.2	1294.7	1292.2	1284.6	1272.0	1254.5	1232.1	1204.9	1173.0
-60°	1091.4	1103.3	1110.5	1112.9	1110.5	1103.3	1091.4	1074.8	1053.5	1027.6	997.3
-62.5°	903.9	914.3	920.6	922.7	920.6	914.3	903.9	889.3	870.7	848.1	821.5
-65°	723.8	731.8	736.7	738.3	736.7	731.8	723.8	712.5	698.1	680.6	660.1
-67.5°	569.4	575.0	578.3	579.4	578.3	575.0	569.4	561.7	551.8	539.8	525.7
-70°	449.3	453.4	455.8	456.6	455.8	453.4	449.3	443.6	436.4	427.6	417.2
-72.5°	349.2	352.0	353.6	354.2	353.6	352.0	349.2	345.3	340.4	334.3	327.2
-75°	270.1	271.9	272.9	273.3	272.9	271.9	270.1	267.5	264.3	260.4	255.8
-77.5°	209.2	210.6	211.3	211.6	211.3	210.6	209.2	207.4	205.1	202.2	198.8
-80°	155.3	156.4	157.1	157.3	157.1	156.4	155.3	153.8	151.8	149.5	146.6
-82.5°	99.0	99.7	100.2	100.3	100.2	99.7	99.0	97.9	96.6	95.0	93.1
-85°	48.0	48.3	48.5	48.6	48.5	48.3	48.0	47.5	46.9	46.2	45.3
-87.5°	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.7	12.5
-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: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.3
85°	44.3	43.2	41.9	40.6	39.1	37.5	35.7	33.9	32.0	29.9	27.8
82.5°	90.9	88.4	85.7	82.7	79.4	75.9	72.1	68.1	63.9	59.4	54.7
80°	143.4	139.8	135.7	131.3	126.5	121.3	115.8	109.8	103.6	97.3	91.1
77.5°	195.0	190.6	185.8	180.5	174.8	168.5	161.9	154.7	146.9	138.7	130.0
75°	250.5	244.5	237.9	230.7	222.8	214.3	206.0	197.5	188.5	179.0	169.1
72.5°	319.0	309.9	299.7	288.5	276.4	265.7	255.0	243.7	231.8	219.2	206.7
70°	405.3	391.9	377.0	360.8	345.4	330.4	314.4	297.4	279.4	263.6	248.5
67.5°	509.4	491.2	471.0	450.2	430.2	408.7	385.7	361.3	339.5	318.2	295.9
65°	636.5	610.1	580.7	555.6	528.8	499.9	469.1	439.8	411.1	381.0	350.6
62.5°	791.1	756.9	721.7	686.1	647.5	606.1	565.9	529.8	491.7	452.6	418.0
60°	962.6	923.6	881.9	836.2	786.9	734.6	686.1	634.7	580.7	536.7	491.2
57.5°	1136.5	1094.8	1047.5	996.0	940.2	881.9	820.3	755.3	694.1	632.6	571.0
55°	1302.1	1258.3	1209.0	1155.2	1096.5	1031.5	962.6	890.8	816.8	739.5	670.1
52.5°	1448.7	1405.6	1358.1	1306.4	1245.0	1177.8	1106.2	1027.6	945.3	861.4	774.9
50°	1581.1	1538.8	1492.3	1440.2	1380.0	1315.8	1241.8	1161.0	1074.8	982.7	888.3
47.5°	1701.0	1659.7	1614.3	1561.2	1502.6	1438.6	1365.6	1288.2	1197.8	1103.3	1001.5
45°	1811.2	1770.1	1724.4	1671.4	1614.6	1549.2	1478.6	1399.2	1313.9	1216.3	1112.9
42.5°	1909.3	1870.8	1825.1	1772.6	1715.2	1650.6	1580.7	1501.9	1416.2	1322.2	1216.3
40°	1994.7	1959.0	1914.1	1865.4	1807.4	1743.9	1672.6	1596.6	1509.8	1416.2	1313.9
37.5°	2069.3	2034.0	1992.2	1945.7	1890.2	1828.5	1757.7	1679.9	1596.6	1501.9	1399.2
35°	2134.9	2100.2	2060.9	2014.8	1963.9	1902.8	1835.6	1757.7	1672.6	1580.7	1478.6
32.5°	2191.3	2158.0	2121.3	2076.3	2026.2	1969.5	1902.8	1828.5	1743.9	1650.6	1549.2
30°	2237.8	2207.8	2172.1	2131.1	2081.5	2026.2	1963.9	1890.2	1807.4	1715.2	1614.6
27.5°	2277.9	2250.5	2216.1	2176.9	2131.1	2076.3	2014.8	1945.7	1865.4	1772.6	1671.4
25°	2311.7	2285.6	2254.1	2216.1	2172.1	2121.3	2060.9	1992.2	1914.1	1825.1	1724.4
22.5°	2339.5	2314.9	2285.6	2250.5	2207.8	2158.0	2100.2	2034.0	1959.0	1870.8	1770.1
20°	2360.9	2339.5	2311.7	2277.9	2237.8	2191.3	2134.9	2069.3	1994.7	1909.3	1811.2
17.5°	2374.6	2358.0	2333.6	2302.1	2263.0	2217.0	2163.0	2099.8	2026.8	1943.8	1848.2
15°	2383.8	2371.3	2349.8	2320.4	2283.9	2239.7	2188.0	2126.7	2054.2	1972.0	1876.9
12.5°	2386.1	2379.6	2363.5	2336.4	2301.4	2258.0	2207.0	2146.6	2075.7	1994.5	1901.1
10°	2387.5	2384.3	2371.4	2347.1	2313.7	2272.1	2222.2	2163.2	2093.6	2013.2	1921.1
7.5°	2386.5	2385.8	2376.6	2355.6	2323.6	2283.2	2234.1	2176.3	2107.7	2028.0	1936.8
5°	2385.7	2386.8	2380.4	2361.8	2330.7	2291.3	2242.8	2185.8	2117.8	2038.6	1948.1
2.5°	2385.3	2387.5	2382.7	2365.5	2335.0	2296.3	2248.0	2191.5	2124.0	2045.0	1954.9
0°	2385.1	2387.7	2383.5	2366.8	2336.5	2297.9	2249.8	2193.4	2126.0	2047.1	1957.2
-2.5°	2385.3	2387.5	2382.7	2365.5	2335.0	2296.3	2248.0	2191.5	2124.0	2045.0	1954.9
-5°	2385.7	2386.8	2380.4	2361.8	2330.7	2291.3	2242.8	2185.8	2117.8	2038.6	1948.1
-7.5°	2386.5	2385.8	2376.6	2355.6	2323.6	2283.2	2234.1	2176.3	2107.7	2028.0	1936.8
-10°	2387.5	2384.3	2371.4	2347.1	2313.7	2272.1	2222.2	2163.2	2093.6	2013.2	1921.1
-12.5°	2386.1	2379.6	2363.5	2336.4	2301.4	2258.0	2207.0	2146.6	2075.7	1994.5	1901.1
-15°	2383.8	2371.3	2349.8	2320.4	2283.9	2239.7	2188.0	2126.7	2054.2	1972.0	1876.9
-17.5°	2374.6	2358.0	2333.6	2302.1	2263.0	2217.0	2163.0	2099.8	2026.8	1943.8	1848.2
-20°	2360.9	2339.5	2311.7	2277.9	2237.8	2191.3	2134.9	2069.3	1994.7	1909.3	1811.2



REPORT NUMBER: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	2339.5	2314.9	2285.6	2250.5	2207.8	2158.0	2100.2	2034.0	1959.0	1870.8	1770.1
-25°	2311.7	2285.6	2254.1	2216.1	2172.1	2121.3	2060.9	1992.2	1914.1	1825.1	1724.4
-27.5°	2277.9	2250.5	2216.1	2176.9	2131.1	2076.3	2014.8	1945.7	1865.4	1772.6	1671.4
-30°	2237.8	2207.8	2172.1	2131.1	2081.5	2026.2	1963.9	1890.2	1807.4	1715.2	1614.6
-32.5°	2191.3	2158.0	2121.3	2076.3	2026.2	1969.5	1902.8	1828.5	1743.9	1650.6	1549.2
-35°	2134.9	2100.2	2060.9	2014.8	1963.9	1902.8	1835.6	1757.7	1672.6	1580.7	1478.6
-37.5°	2069.3	2034.0	1992.2	1945.7	1890.2	1828.5	1757.7	1679.9	1596.6	1501.9	1399.2
-40°	1994.7	1959.0	1914.1	1865.4	1807.4	1743.9	1672.6	1596.6	1509.8	1416.2	1313.9
-42.5°	1909.3	1870.8	1825.1	1772.6	1715.2	1650.6	1580.7	1501.9	1416.2	1322.2	1216.3
-45°	1811.2	1770.1	1724.4	1671.4	1614.6	1549.2	1478.6	1399.2	1313.9	1216.3	1112.9
-47.5°	1701.0	1659.7	1614.3	1561.2	1502.6	1438.6	1365.6	1288.2	1197.8	1103.3	1001.5
-50°	1581.1	1538.8	1492.3	1440.2	1380.0	1315.8	1241.8	1161.0	1074.8	982.7	888.3
-52.5°	1448.7	1405.6	1358.1	1306.4	1245.0	1177.8	1106.2	1027.6	945.3	861.4	774.9
-55°	1302.1	1258.3	1209.0	1155.2	1096.5	1031.5	962.6	890.8	816.8	739.5	670.1
-57.5°	1136.5	1094.8	1047.5	996.0	940.2	881.9	820.3	755.3	694.1	632.6	571.0
-60°	962.6	923.6	881.9	836.2	786.9	734.6	686.1	634.7	580.7	536.7	491.2
-62.5°	791.1	756.9	721.7	686.1	647.5	606.1	565.9	529.8	491.7	452.6	418.0
-65°	636.5	610.1	580.7	555.6	528.8	499.9	469.1	439.8	411.1	381.0	350.6
-67.5°	509.4	491.2	471.0	450.2	430.2	408.7	385.7	361.3	339.5	318.2	295.9
-70°	405.3	391.9	377.0	360.8	345.4	330.4	314.4	297.4	279.4	263.6	248.5
-72.5°	319.0	309.9	299.7	288.5	276.4	265.7	255.0	243.7	231.8	219.2	206.7
-75°	250.5	244.5	237.9	230.7	222.8	214.3	206.0	197.5	188.5	179.0	169.1
-77.5°	195.0	190.6	185.8	180.5	174.8	168.5	161.9	154.7	146.9	138.7	130.0
-80°	143.4	139.8	135.7	131.3	126.5	121.3	115.8	109.8	103.6	97.3	91.1
-82.5°	90.9	88.4	85.7	82.7	79.4	75.9	72.1	68.1	63.9	59.4	54.7
-85°	44.3	43.2	41.9	40.6	39.1	37.5	35.7	33.9	32.0	29.9	27.8
-87.5°	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.3
-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: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	3.9
85°	25.5	23.2	20.8	18.3	15.7	13.1	12.1	11.1	10.0	9.0	7.9
82.5°	49.8	45.9	42.3	38.6	34.7	30.7	26.7	22.5	18.3	13.9	11.8
80°	84.5	77.7	70.7	63.4	55.9	48.3	42.9	37.4	31.7	25.9	20.1
77.5°	121.0	111.6	101.9	92.7	83.3	73.7	63.8	53.7	45.1	37.9	30.6
75°	158.8	147.6	136.0	123.9	111.6	99.0	87.1	75.1	62.7	50.2	41.0
72.5°	194.7	182.2	169.2	155.7	141.3	126.5	111.3	96.2	81.9	67.3	52.5
70°	232.8	216.5	201.1	185.8	170.1	153.8	136.5	118.8	100.8	84.1	67.3
67.5°	272.9	254.5	235.6	216.0	197.8	179.7	161.2	141.5	121.3	100.8	81.9
65°	324.7	298.0	271.0	249.3	227.0	205.1	184.5	163.6	141.5	118.8	96.2
62.5°	381.9	346.6	316.2	284.9	257.6	232.5	207.5	184.5	161.2	136.5	111.3
60°	446.1	405.3	363.2	327.2	292.2	260.4	232.5	205.1	179.7	153.8	126.5
57.5°	519.7	466.6	419.4	372.6	330.9	292.2	257.6	227.0	197.8	170.1	141.3
55°	598.4	536.9	478.0	424.1	372.6	327.2	284.9	249.3	216.0	185.8	155.7
52.5°	692.8	613.4	542.7	478.0	419.4	363.2	316.2	271.0	235.6	201.1	169.2
50°	792.8	700.4	613.4	536.9	466.6	405.3	346.6	298.0	254.5	216.5	182.2
47.5°	897.4	792.8	692.8	598.4	519.7	446.1	381.9	324.7	272.9	232.8	194.7
45°	1001.5	888.3	774.9	670.1	571.0	491.2	418.0	350.6	295.9	248.5	206.7
42.5°	1103.3	982.7	861.4	739.5	632.6	536.7	452.6	381.0	318.2	263.6	219.2
40°	1197.8	1074.8	945.3	816.8	694.1	580.7	491.7	411.1	339.5	279.4	231.8
37.5°	1288.2	1161.0	1027.6	890.8	755.3	634.7	529.8	439.8	361.3	297.4	243.7
35°	1365.6	1241.8	1106.2	962.6	820.3	686.1	565.9	469.1	385.7	314.4	255.0
32.5°	1438.6	1315.8	1177.8	1031.5	881.9	734.6	606.1	499.9	408.7	330.4	265.7
30°	1502.6	1380.0	1245.0	1096.5	940.2	786.9	647.5	528.8	430.2	345.4	276.4
27.5°	1561.2	1440.2	1306.4	1155.2	996.0	836.2	686.1	555.6	450.2	360.8	288.5
25°	1614.3	1492.3	1358.1	1209.0	1047.5	881.9	721.7	580.7	471.0	377.0	299.7
22.5°	1659.7	1538.8	1405.6	1258.3	1094.8	923.6	756.9	610.1	491.2	391.9	309.9
20°	1701.0	1581.1	1448.7	1302.1	1136.5	962.6	791.1	636.5	509.4	405.3	319.0
17.5°	1737.5	1617.1	1484.2	1337.4	1173.0	997.3	821.5	660.1	525.7	417.2	327.2
15°	1767.5	1647.1	1514.7	1368.3	1204.9	1027.6	848.1	680.6	539.8	427.6	334.3
12.5°	1793.2	1672.7	1540.7	1394.7	1232.1	1053.5	870.7	698.1	551.8	436.4	340.4
10°	1814.4	1693.9	1562.3	1416.5	1254.5	1074.8	889.3	712.5	561.7	443.6	345.3
7.5°	1831.1	1710.5	1579.1	1433.6	1272.0	1091.4	903.9	723.8	569.4	449.3	349.2
5°	1843.1	1722.4	1591.2	1445.8	1284.6	1103.3	914.3	731.8	575.0	453.4	352.0
2.5°	1850.3	1729.6	1598.5	1453.1	1292.2	1110.5	920.6	736.7	578.3	455.8	353.6
0°	1852.7	1732.0	1600.9	1455.6	1294.7	1112.9	922.7	738.3	579.4	456.6	354.2
-2.5°	1850.3	1729.6	1598.5	1453.1	1292.2	1110.5	920.6	736.7	578.3	455.8	353.6
-5°	1843.1	1722.4	1591.2	1445.8	1284.6	1103.3	914.3	731.8	575.0	453.4	352.0
-7.5°	1831.1	1710.5	1579.1	1433.6	1272.0	1091.4	903.9	723.8	569.4	449.3	349.2
-10°	1814.4	1693.9	1562.3	1416.5	1254.5	1074.8	889.3	712.5	561.7	443.6	345.3
-12.5°	1793.2	1672.7	1540.7	1394.7	1232.1	1053.5	870.7	698.1	551.8	436.4	340.4
-15°	1767.5	1647.1	1514.7	1368.3	1204.9	1027.6	848.1	680.6	539.8	427.6	334.3
-17.5°	1737.5	1617.1	1484.2	1337.4	1173.0	997.3	821.5	660.1	525.7	417.2	327.2
-20°	1701.0	1581.1	1448.7	1302.1	1136.5	962.6	791.1	636.5	509.4	405.3	319.0

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Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
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Scaled Data Report



REPORT NUMBER: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-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°	1659.7	1538.8	1405.6	1258.3	1094.8	923.6	756.9	610.1	491.2	391.9	309.9
-25°	1614.3	1492.3	1358.1	1209.0	1047.5	881.9	721.7	580.7	471.0	377.0	299.7
-27.5°	1561.2	1440.2	1306.4	1155.2	996.0	836.2	686.1	555.6	450.2	360.8	288.5
-30°	1502.6	1380.0	1245.0	1096.5	940.2	786.9	647.5	528.8	430.2	345.4	276.4
-32.5°	1438.6	1315.8	1177.8	1031.5	881.9	734.6	606.1	499.9	408.7	330.4	265.7
-35°	1365.6	1241.8	1106.2	962.6	820.3	686.1	565.9	469.1	385.7	314.4	255.0
-37.5°	1288.2	1161.0	1027.6	890.8	755.3	634.7	529.8	439.8	361.3	297.4	243.7
-40°	1197.8	1074.8	945.3	816.8	694.1	580.7	491.7	411.1	339.5	279.4	231.8
-42.5°	1103.3	982.7	861.4	739.5	632.6	536.7	452.6	381.0	318.2	263.6	219.2
-45°	1001.5	888.3	774.9	670.1	571.0	491.2	418.0	350.6	295.9	248.5	206.7
-47.5°	897.4	792.8	692.8	598.4	519.7	446.1	381.9	324.7	272.9	232.8	194.7
-50°	792.8	700.4	613.4	536.9	466.6	405.3	346.6	298.0	254.5	216.5	182.2
-52.5°	692.8	613.4	542.7	478.0	419.4	363.2	316.2	271.0	235.6	201.1	169.2
-55°	598.4	536.9	478.0	424.1	372.6	327.2	284.9	249.3	216.0	185.8	155.7
-57.5°	519.7	466.6	419.4	372.6	330.9	292.2	257.6	227.0	197.8	170.1	141.3
-60°	446.1	405.3	363.2	327.2	292.2	260.4	232.5	205.1	179.7	153.8	126.5
-62.5°	381.9	346.6	316.2	284.9	257.6	232.5	207.5	184.5	161.2	136.5	111.3
-65°	324.7	298.0	271.0	249.3	227.0	205.1	184.5	163.6	141.5	118.8	96.2
-67.5°	272.9	254.5	235.6	216.0	197.8	179.7	161.2	141.5	121.3	100.8	81.9
-70°	232.8	216.5	201.1	185.8	170.1	153.8	136.5	118.8	100.8	84.1	67.3
-72.5°	194.7	182.2	169.2	155.7	141.3	126.5	111.3	96.2	81.9	67.3	52.5
-75°	158.8	147.6	136.0	123.9	111.6	99.0	87.1	75.1	62.7	50.2	41.0
-77.5°	121.0	111.6	101.9	92.7	83.3	73.7	63.8	53.7	45.1	37.9	30.6
-80°	84.5	77.7	70.7	63.4	55.9	48.3	42.9	37.4	31.7	25.9	20.1
-82.5°	49.8	45.9	42.3	38.6	34.7	30.7	26.7	22.5	18.3	13.9	11.8
-85°	25.5	23.2	20.8	18.3	15.7	13.1	12.1	11.1	10.0	9.0	7.9
-87.5°	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	3.9
-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: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-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°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
85°	6.8	5.7	4.5	3.4	2.3	1.1	0.0
82.5°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
80°	14.2	11.3	9.1	6.8	4.5	2.3	0.0
77.5°	23.2	15.7	11.3	8.5	5.7	2.8	0.0
75°	32.1	23.2	14.2	10.1	6.8	3.4	0.0
72.5°	41.0	30.6	20.1	11.8	7.9	3.9	0.0
70°	50.2	37.9	25.9	13.9	9.0	4.5	0.0
67.5°	62.7	45.1	31.7	18.3	10.0	5.0	0.0
65°	75.1	53.7	37.4	22.5	11.1	5.5	0.0
62.5°	87.1	63.8	42.9	26.7	12.1	6.0	0.0
60°	99.0	73.7	48.3	30.7	13.1	6.5	0.0
57.5°	111.6	83.3	55.9	34.7	15.7	7.0	0.0
55°	123.9	92.7	63.4	38.6	18.3	7.5	0.0
52.5°	136.0	101.9	70.7	42.3	20.8	8.0	0.0
50°	147.6	111.6	77.7	45.9	23.2	8.4	0.0
47.5°	158.8	121.0	84.5	49.8	25.5	8.8	0.0
45°	169.1	130.0	91.1	54.7	27.8	9.3	0.0
42.5°	179.0	138.7	97.3	59.4	29.9	9.7	0.0
40°	188.5	146.9	103.6	63.9	32.0	10.0	0.0
37.5°	197.5	154.7	109.8	68.1	33.9	10.4	0.0
35°	206.0	161.9	115.8	72.1	35.7	10.7	0.0
32.5°	214.3	168.5	121.3	75.9	37.5	11.0	0.0
30°	222.8	174.8	126.5	79.4	39.1	11.3	0.0
27.5°	230.7	180.5	131.3	82.7	40.6	11.6	0.0
25°	237.9	185.8	135.7	85.7	41.9	11.9	0.0
22.5°	244.5	190.6	139.8	88.4	43.2	12.1	0.0
20°	250.5	195.0	143.4	90.9	44.3	12.3	0.0
17.5°	255.8	198.8	146.6	93.1	45.3	12.5	0.0
15°	260.4	202.2	149.5	95.0	46.2	12.7	0.0
12.5°	264.3	205.1	151.8	96.6	46.9	12.8	0.0
10°	267.5	207.4	153.8	97.9	47.5	12.9	0.0
7.5°	270.1	209.2	155.3	99.0	48.0	13.0	0.0
5°	271.9	210.6	156.4	99.7	48.3	13.1	0.0
2.5°	272.9	211.3	157.1	100.2	48.5	13.1	0.0
0°	273.3	211.6	157.3	100.3	48.6	13.1	0.0
-2.5°	272.9	211.3	157.1	100.2	48.5	13.1	0.0
-5°	271.9	210.6	156.4	99.7	48.3	13.1	0.0
-7.5°	270.1	209.2	155.3	99.0	48.0	13.0	0.0
-10°	267.5	207.4	153.8	97.9	47.5	12.9	0.0
-12.5°	264.3	205.1	151.8	96.6	46.9	12.8	0.0
-15°	260.4	202.2	149.5	95.0	46.2	12.7	0.0
-17.5°	255.8	198.8	146.6	93.1	45.3	12.5	0.0
-20°	250.5	195.0	143.4	90.9	44.3	12.3	0.0

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REPORT NUMBER: P645342 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-750-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	244.5	190.6	139.8	88.4	43.2	12.1	0.0
-25°	237.9	185.8	135.7	85.7	41.9	11.9	0.0
-27.5°	230.7	180.5	131.3	82.7	40.6	11.6	0.0
-30°	222.8	174.8	126.5	79.4	39.1	11.3	0.0
-32.5°	214.3	168.5	121.3	75.9	37.5	11.0	0.0
-35°	206.0	161.9	115.8	72.1	35.7	10.7	0.0
-37.5°	197.5	154.7	109.8	68.1	33.9	10.4	0.0
-40°	188.5	146.9	103.6	63.9	32.0	10.0	0.0
-42.5°	179.0	138.7	97.3	59.4	29.9	9.7	0.0
-45°	169.1	130.0	91.1	54.7	27.8	9.3	0.0
-47.5°	158.8	121.0	84.5	49.8	25.5	8.8	0.0
-50°	147.6	111.6	77.7	45.9	23.2	8.4	0.0
-52.5°	136.0	101.9	70.7	42.3	20.8	8.0	0.0
-55°	123.9	92.7	63.4	38.6	18.3	7.5	0.0
-57.5°	111.6	83.3	55.9	34.7	15.7	7.0	0.0
-60°	99.0	73.7	48.3	30.7	13.1	6.5	0.0
-62.5°	87.1	63.8	42.9	26.7	12.1	6.0	0.0
-65°	75.1	53.7	37.4	22.5	11.1	5.5	0.0
-67.5°	62.7	45.1	31.7	18.3	10.0	5.0	0.0
-70°	50.2	37.9	25.9	13.9	9.0	4.5	0.0
-72.5°	41.0	30.6	20.1	11.8	7.9	3.9	0.0
-75°	32.1	23.2	14.2	10.1	6.8	3.4	0.0
-77.5°	23.2	15.7	11.3	8.5	5.7	2.8	0.0
-80°	14.2	11.3	9.1	6.8	4.5	2.3	0.0
-82.5°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
-85°	6.8	5.7	4.5	3.4	2.3	1.1	0.0
-87.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)