

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: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1D-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1D-730-U-LAM-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

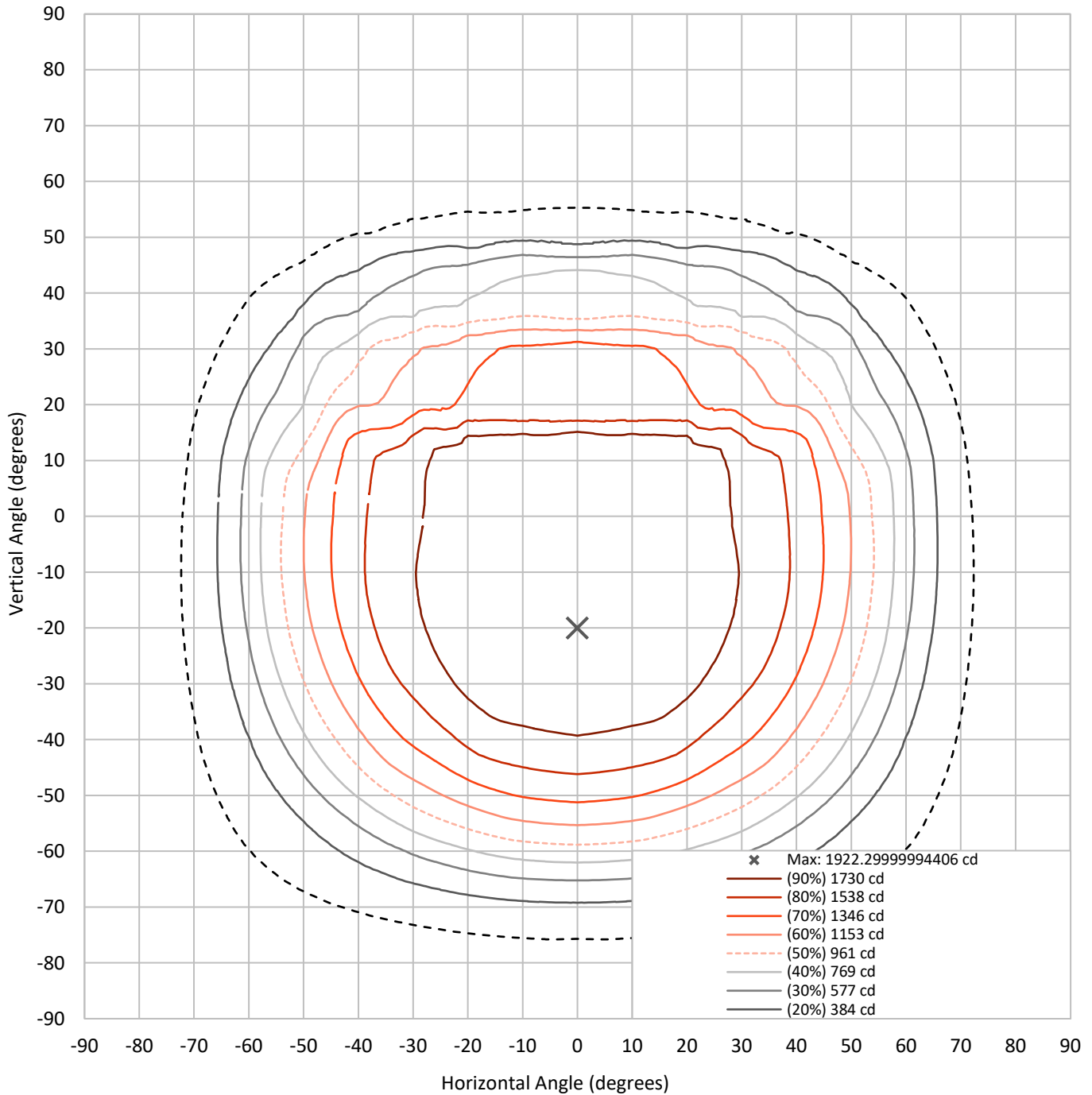
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4507.5 lumens	Max Intensity:	1922.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	78.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	3523.7 lumens	Field Lumens:	4418 lumens
Beam Efficiency:	78.2%	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		



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

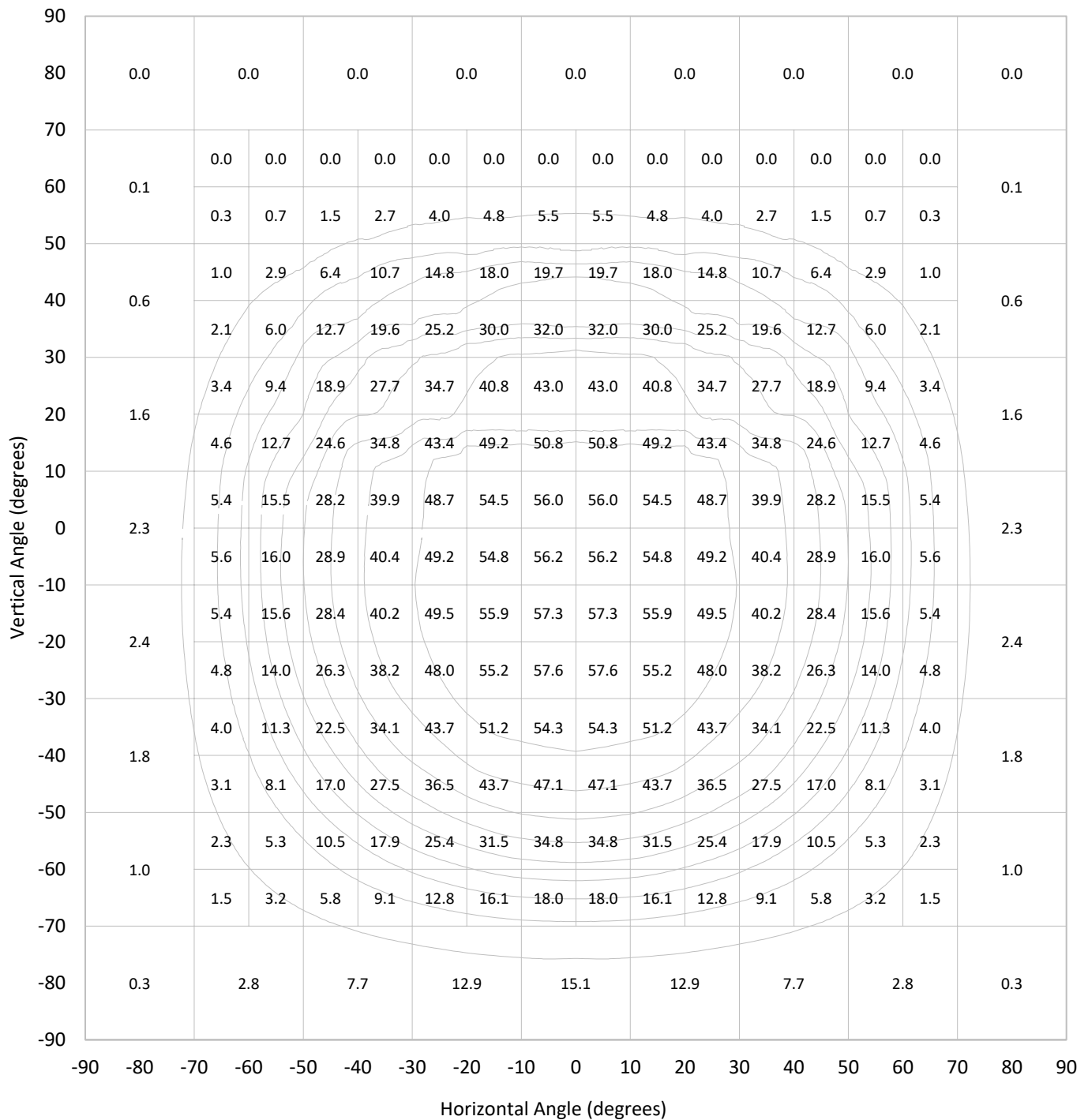
### Iso-Candela Plot





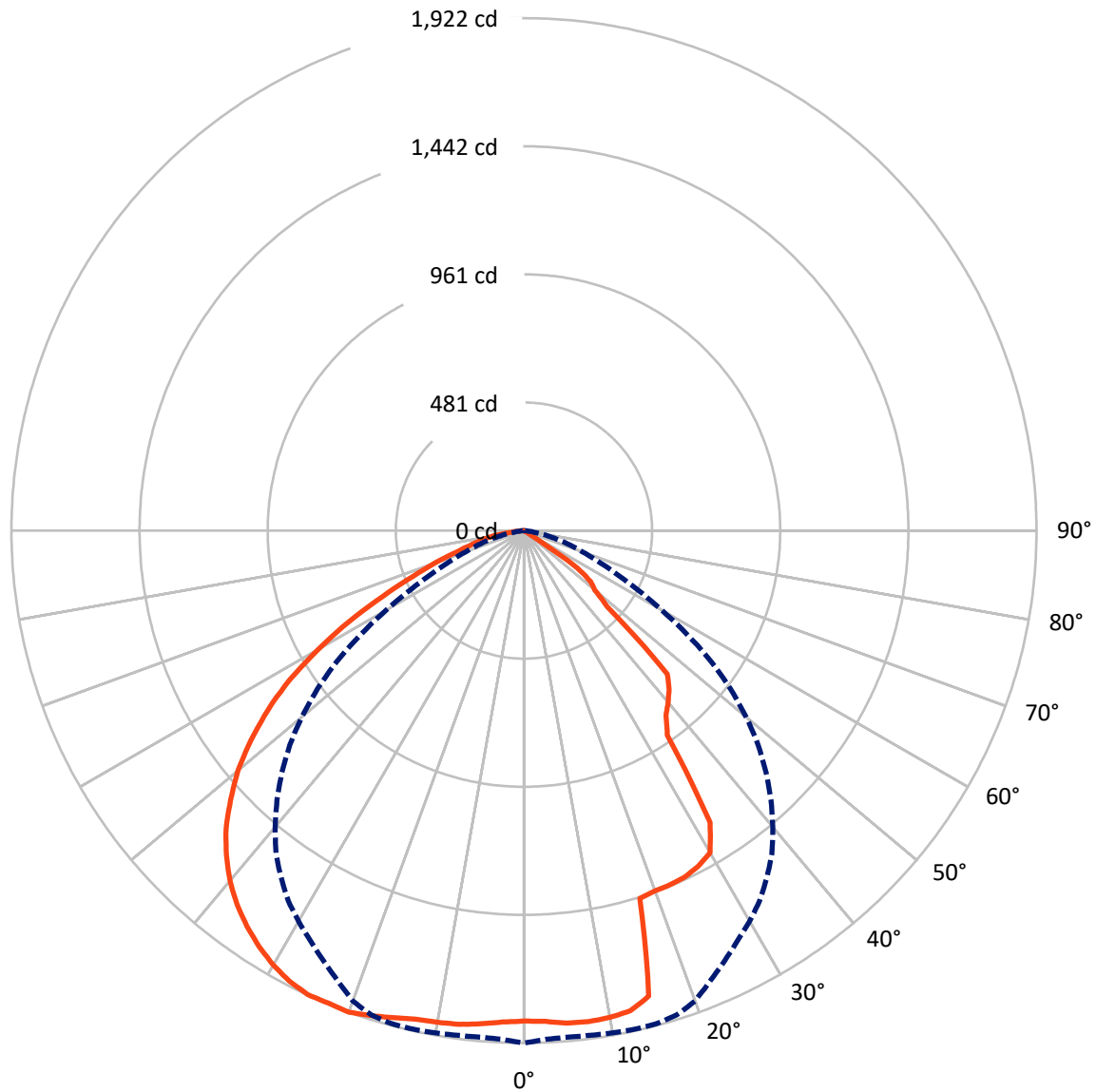
REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

### Lumen Table



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

### Luminous Intensity Polar Plot

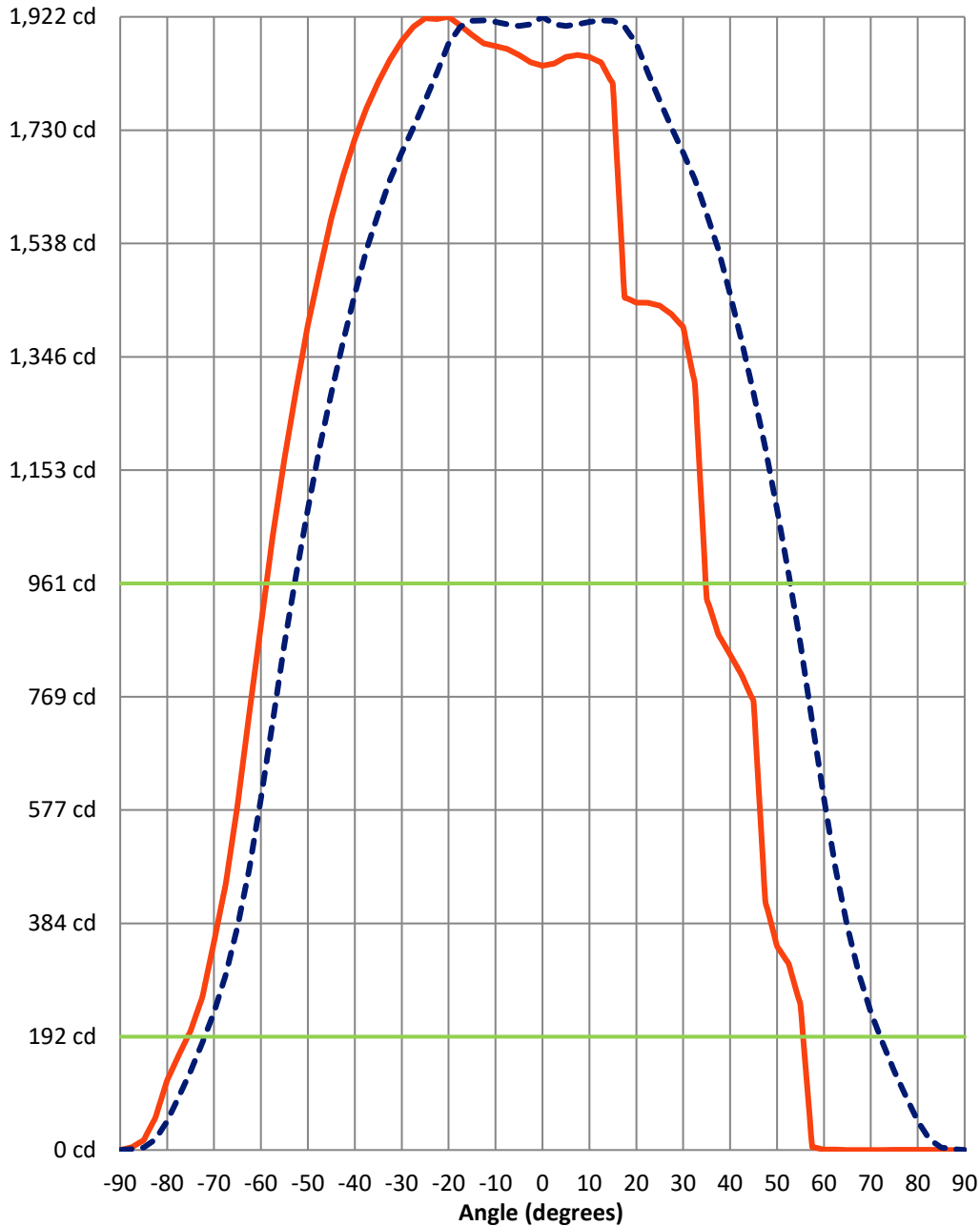


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -20-Deg



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 3523.7  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 4418  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 89.5  
 Efficiency: 2.0%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-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	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.4
80°	0.0	0.2	0.3	0.4	0.6	0.7	0.8	0.7	0.6	0.5	0.4
77.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.8	0.7	0.6	0.5	0.4
75°	0.0	0.3	0.4	0.6	0.8	0.8	0.8	0.7	0.6	0.5	0.4
72.5°	0.0	0.3	0.5	0.7	0.8	0.9	0.8	0.7	0.6	0.5	0.4
70°	0.0	0.3	0.6	0.8	0.9	0.9	0.8	0.7	0.6	0.6	0.6
67.5°	0.0	0.4	0.6	0.8	0.9	0.9	0.9	0.8	0.7	0.9	0.9
65°	0.0	0.4	0.7	0.9	1.0	1.1	1.1	0.8	1.1	1.3	1.6
62.5°	0.0	0.5	0.8	0.9	1.0	1.3	1.3	1.1	1.5	2.3	3.6
60°	0.0	0.5	0.9	1.0	1.1	1.6	1.5	1.6	2.0	5.7	6.2
57.5°	0.0	0.6	0.9	1.0	1.4	2.0	2.8	2.2	5.6	9.7	11.2
55°	0.0	0.6	0.9	1.1	1.7	2.3	4.5	3.6	10.3	14.9	18.2
52.5°	0.0	0.6	1.0	1.1	2.1	3.0	6.4	9.0	15.5	23.4	26.4
50°	0.0	0.7	1.0	1.1	2.5	5.1	8.7	15.2	22.2	32.9	41.3
47.5°	0.0	0.7	1.1	1.3	2.8	7.4	11.7	21.7	32.0	43.4	56.4
45°	0.0	0.7	1.1	1.6	3.3	9.8	17.6	28.5	43.0	56.5	71.2
42.5°	0.0	0.8	1.2	1.9	3.7	12.4	23.6	37.1	54.2	69.3	88.1
40°	0.0	0.8	1.2	2.3	5.0	15.1	29.8	46.9	65.7	81.8	106.3
37.5°	0.0	0.9	1.3	2.8	7.1	18.0	36.1	56.8	77.7	96.9	125.3
35°	0.0	0.9	1.4	3.3	9.3	22.3	42.5	66.6	89.9	115.4	147.7
32.5°	0.0	0.9	1.4	3.9	11.5	27.4	49.5	76.4	102.3	134.1	175.0
30°	0.0	1.0	1.5	4.6	13.7	32.4	57.5	86.3	114.8	152.8	201.2
27.5°	0.0	1.0	1.5	5.3	16.4	37.4	65.3	96.6	128.5	171.4	226.2
25°	0.0	1.0	1.6	6.0	19.2	42.2	72.9	106.8	144.0	191.8	250.1
22.5°	0.0	1.0	1.6	6.8	22.0	47.2	80.3	116.8	159.2	212.2	274.2
20°	0.0	1.1	1.7	7.5	24.8	52.6	87.4	126.6	174.0	231.4	297.8
17.5°	0.0	1.1	1.8	8.3	27.5	57.7	94.5	136.1	188.4	249.4	320.6
15°	0.0	1.1	1.8	9.1	30.2	62.7	101.3	144.9	202.1	266.2	342.5
12.5°	0.0	1.1	1.9	9.9	32.8	67.5	107.6	152.8	213.1	281.8	363.4
10°	0.0	1.1	1.9	10.7	35.2	71.9	113.5	160.1	221.3	291.2	380.4
7.5°	0.0	1.2	2.0	11.5	37.6	76.1	118.9	166.7	228.3	298.4	390.3
5°	0.0	1.2	2.0	12.2	39.7	80.0	123.8	172.7	234.1	304.2	398.4
2.5°	0.0	1.2	2.1	12.9	41.7	83.5	128.2	178.0	238.8	308.7	404.6
0°	0.0	1.2	2.1	13.5	43.5	86.6	132.1	182.6	242.5	311.9	408.8
-2.5°	0.0	1.3	2.4	14.4	45.2	88.6	134.0	185.3	243.8	315.9	411.6
-5°	0.0	1.3	2.7	15.2	46.6	90.1	135.5	187.3	244.3	318.5	412.4
-7.5°	0.0	1.4	3.0	15.9	47.7	91.3	136.4	188.5	244.0	319.6	411.5
-10°	0.0	1.5	3.3	16.6	48.6	92.0	136.8	189.0	242.9	319.0	408.9
-12.5°	0.0	1.5	3.6	17.1	49.2	92.3	136.7	188.7	241.3	316.4	404.4
-15°	0.0	1.6	3.9	17.5	49.4	92.1	136.2	187.6	239.4	311.4	397.9
-17.5°	0.0	1.6	4.1	17.8	49.4	91.6	135.2	185.3	237.0	305.1	389.4
-20°	0.0	1.7	4.3	18.0	49.0	90.6	133.7	182.1	233.7	297.7	379.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.7	4.5	18.1	48.4	89.2	131.4	178.2	229.4	289.0	366.6
-25°	0.0	1.7	4.7	18.0	47.3	87.1	128.7	173.7	224.1	279.3	352.2
-27.5°	0.0	1.7	4.9	17.8	45.9	84.4	125.4	168.6	217.7	269.9	339.5
-30°	0.0	1.8	5.0	17.4	44.2	81.4	121.6	162.9	210.8	262.0	325.9
-32.5°	0.0	1.8	5.1	16.9	42.2	77.9	117.3	157.6	203.4	252.8	311.3
-35°	0.0	1.8	5.1	16.2	40.0	74.2	112.7	152.1	195.5	242.4	295.9
-37.5°	0.0	1.7	5.2	15.4	37.5	70.4	107.7	145.9	186.9	230.8	280.6
-40°	0.0	1.7	5.2	14.4	34.8	67.0	102.3	139.2	177.9	219.8	265.6
-42.5°	0.0	1.7	5.1	13.4	32.8	63.3	96.6	131.9	169.1	208.2	249.4
-45°	0.0	1.7	5.1	12.3	31.4	59.4	90.5	124.4	160.1	195.9	232.7
-47.5°	0.0	1.6	5.0	11.1	29.8	55.3	84.0	116.8	150.5	182.9	218.1
-50°	0.0	1.6	4.9	10.7	27.9	51.0	78.6	108.9	139.8	171.0	202.9
-52.5°	0.0	1.5	4.7	10.5	25.7	46.4	73.2	100.7	129.6	158.7	187.4
-55°	0.0	1.5	4.5	10.2	23.4	43.0	67.6	92.3	119.4	146.1	173.5
-57.5°	0.0	1.4	4.3	9.8	20.8	39.5	61.8	85.7	108.9	134.0	159.4
-60°	0.0	1.3	4.1	9.2	18.1	35.6	55.9	78.3	98.3	121.8	145.2
-62.5°	0.0	1.2	3.8	8.6	16.8	31.5	50.5	70.4	88.6	109.3	131.4
-65°	0.0	1.1	3.5	7.8	15.3	27.1	44.7	62.1	78.2	96.7	117.2
-67.5°	0.0	1.0	3.2	7.0	13.7	23.4	38.5	53.8	67.3	83.6	101.9
-70°	0.0	0.9	2.9	6.1	11.9	20.5	32.1	45.4	57.5	69.9	85.6
-72.5°	0.0	0.8	2.6	5.3	10.0	17.4	27.1	36.8	47.6	58.5	69.6
-75°	0.0	0.7	2.3	4.6	8.0	14.0	22.2	29.7	37.4	46.9	56.6
-77.5°	0.0	0.6	1.9	3.9	6.6	10.5	17.0	22.9	29.1	35.8	43.4
-80°	0.0	0.5	1.5	3.2	5.3	8.0	11.6	16.1	20.8	26.0	31.6
-82.5°	0.0	0.4	1.2	2.4	4.0	6.1	8.5	10.3	12.5	16.1	20.0
-85°	0.0	0.2	0.8	1.6	2.7	4.1	5.7	6.9	8.1	9.4	10.7
-87.5°	0.0	0.1	0.4	0.8	1.4	2.0	2.9	3.5	4.1	4.7	5.4
-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: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.6	0.6	0.6	0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.4
67.5°	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4
65°	0.8	0.7	1.0	1.1	0.8	0.7	0.6	0.5	0.5	0.6	0.6
62.5°	1.2	1.5	2.0	3.5	2.6	0.7	1.3	1.6	1.2	0.9	1.0
60°	4.0	2.7	8.1	11.6	7.2	2.6	3.2	10.7	9.3	1.7	5.8
57.5°	8.4	11.6	21.3	21.7	15.0	10.3	30.1	34.8	26.3	15.3	23.5
55°	18.6	28.5	35.3	32.7	35.7	54.1	64.3	57.7	48.6	74.7	95.5
52.5°	36.3	46.4	48.7	55.9	80.1	92.0	88.2	94.3	122.3	151.9	158.3
50°	53.5	61.8	68.3	98.7	117.6	118.8	127.6	155.3	192.6	210.8	206.4
47.5°	70.2	78.8	109.0	138.2	146.7	158.3	180.2	233.7	273.3	274.1	269.6
45°	87.8	110.8	149.3	168.4	182.2	204.6	257.6	331.4	335.3	346.0	411.9
42.5°	106.7	147.0	180.6	200.4	222.7	264.6	335.3	383.7	400.4	447.3	500.3
40°	137.3	181.9	211.3	236.6	265.3	326.4	403.8	449.2	462.7	503.3	543.2
37.5°	168.3	211.1	244.0	274.6	314.2	396.8	486.4	523.8	530.6	538.0	626.4
35°	198.1	241.0	280.4	320.5	369.0	487.9	566.2	601.3	600.2	650.4	742.9
32.5°	226.1	271.6	318.1	371.7	451.8	573.6	651.9	672.9	704.9	777.9	904.2
30°	253.9	305.7	359.1	422.9	524.5	630.0	719.4	753.3	808.0	891.3	983.3
27.5°	282.7	340.7	405.3	480.0	581.8	678.9	755.2	836.1	889.3	964.0	1029.4
25°	311.3	377.8	450.8	530.0	622.8	713.2	792.2	885.7	942.8	1003.0	1064.0
22.5°	341.3	415.3	497.8	569.5	657.3	742.5	836.4	937.9	1012.1	1050.4	1091.3
20°	372.7	455.9	543.9	623.3	691.5	769.6	880.9	1004.1	1100.0	1143.0	1148.6
17.5°	403.6	495.3	589.9	675.9	749.3	818.9	927.5	1083.5	1202.7	1242.7	1260.5
15°	433.7	533.1	635.6	727.0	807.6	892.7	1008.7	1167.3	1303.6	1347.8	1375.9
12.5°	462.8	569.2	680.6	776.5	866.0	961.4	1082.5	1227.6	1352.0	1437.6	1489.0
10°	490.5	603.3	724.3	823.9	923.7	1025.1	1143.5	1272.6	1373.8	1456.4	1529.3
7.5°	504.5	625.6	761.8	869.1	979.9	1084.0	1193.4	1304.2	1389.5	1470.5	1541.0
5°	514.0	634.8	773.5	884.9	1009.8	1123.3	1229.6	1325.1	1399.8	1480.1	1548.9
2.5°	520.8	640.7	781.4	893.5	1021.0	1135.4	1240.0	1332.0	1408.2	1486.9	1557.4
0°	524.9	643.5	785.5	898.8	1028.1	1143.4	1246.0	1334.6	1413.8	1490.2	1566.1
-2.5°	527.2	652.1	788.2	912.4	1034.9	1150.2	1254.5	1340.9	1423.7	1496.4	1572.5
-5°	527.0	657.3	787.5	921.6	1038.1	1152.9	1258.7	1343.8	1429.1	1501.0	1575.1
-7.5°	524.1	658.4	784.0	924.4	1038.2	1152.0	1256.8	1345.2	1429.0	1505.3	1575.3
-10°	519.0	653.8	780.7	917.0	1034.2	1147.3	1251.1	1342.2	1425.7	1504.4	1573.9
-12.5°	513.0	644.2	773.8	906.3	1026.1	1138.6	1242.5	1334.5	1419.5	1498.0	1570.8
-15°	504.0	631.4	762.6	892.8	1013.8	1125.9	1231.3	1322.0	1409.8	1486.8	1561.5
-17.5°	491.8	615.6	746.7	876.7	997.2	1109.4	1217.0	1305.4	1392.9	1472.3	1544.5
-20°	476.5	596.9	726.2	858.4	976.2	1087.1	1191.4	1284.0	1370.8	1451.7	1527.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	458.0	575.4	701.4	833.7	949.9	1059.6	1162.6	1256.7	1346.7	1424.9	1505.7
-25°	439.5	552.6	674.1	799.5	919.4	1028.5	1131.9	1223.6	1315.6	1396.9	1473.6
-27.5°	421.8	526.2	642.4	761.8	884.8	993.4	1095.9	1187.6	1276.9	1365.8	1439.7
-30°	401.9	495.6	607.6	721.7	841.5	952.1	1055.3	1150.5	1235.5	1323.3	1402.7
-32.5°	379.9	463.2	570.8	680.6	793.5	906.6	1008.9	1103.4	1191.8	1274.9	1358.2
-35°	358.5	437.0	531.9	636.5	742.7	853.7	956.0	1049.6	1141.4	1223.7	1303.3
-37.5°	339.2	408.7	490.4	590.4	692.0	796.9	900.9	991.6	1078.9	1169.3	1247.0
-40°	318.2	378.2	454.6	543.0	638.7	738.4	838.1	931.8	1013.9	1103.3	1188.7
-42.5°	296.4	353.4	419.2	492.7	583.1	677.1	773.3	865.0	950.2	1034.6	1119.2
-45°	277.2	327.2	383.2	450.4	524.0	612.4	703.4	794.9	876.7	957.0	1040.6
-47.5°	256.8	300.8	352.6	406.2	470.2	544.2	629.8	714.1	797.9	874.3	948.2
-50°	236.5	277.1	319.6	367.9	420.7	480.7	551.8	630.1	706.6	785.2	858.4
-52.5°	219.0	252.1	290.5	330.8	376.0	425.7	482.6	547.0	616.6	683.2	756.3
-55°	200.9	230.7	261.7	297.2	334.8	376.7	423.4	477.5	530.6	592.2	651.8
-57.5°	184.3	209.4	235.9	265.2	297.9	331.4	372.2	414.3	462.5	510.4	557.6
-60°	168.7	189.2	211.7	236.5	262.8	292.6	323.1	359.2	398.0	436.2	476.3
-62.5°	153.0	170.2	188.6	209.2	232.1	254.6	280.6	308.5	337.0	369.4	401.0
-65°	136.8	150.8	166.3	183.4	201.6	220.8	240.8	261.5	285.7	309.5	332.4
-67.5°	119.6	131.6	144.1	157.6	172.9	188.0	203.0	220.4	238.3	255.9	274.1
-70°	100.6	111.8	122.3	133.2	144.6	156.4	169.2	182.0	194.6	207.8	222.4
-72.5°	81.2	91.6	100.8	108.8	118.2	128.0	137.4	146.3	155.8	165.8	175.7
-75°	64.8	71.6	79.8	87.3	94.8	101.7	107.9	115.5	123.4	130.7	136.7
-77.5°	50.5	56.8	62.4	67.4	73.3	80.3	86.3	91.5	96.5	102.0	107.8
-80°	36.7	41.9	47.0	51.7	55.1	59.0	63.6	68.9	73.5	77.3	80.7
-82.5°	23.7	27.4	31.3	35.1	36.7	37.8	38.8	40.7	43.5	46.3	49.0
-85°	11.8	12.9	15.2	17.6	18.4	19.0	19.4	19.6	20.6	21.5	22.3
-87.5°	5.9	6.4	7.0	7.5	7.2	6.9	6.4	5.8	5.7	5.5	5.3
-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: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
65°	0.6	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.3	0.2
62.5°	1.0	1.1	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7
60°	6.4	3.8	2.2	2.6	2.3	1.5	1.9	2.3	2.3	2.2	1.9
57.5°	35.7	26.6	19.7	47.1	47.2	22.5	27.1	42.7	35.2	11.5	10.7
55°	99.2	118.7	156.2	148.4	150.8	173.4	189.4	167.6	164.3	175.1	202.3
52.5°	178.3	196.9	209.5	221.3	235.6	251.1	266.9	277.1	286.5	296.6	302.7
50°	227.7	253.8	271.8	265.1	302.3	317.5	302.1	315.9	332.8	337.4	339.6
47.5°	336.2	374.5	382.1	406.8	429.0	428.5	409.7	410.8	460.9	505.1	526.9
45°	483.2	484.4	508.5	552.1	583.3	573.5	599.8	659.5	679.5	698.7	714.5
42.5°	540.4	564.1	602.6	641.1	664.4	684.5	704.0	726.0	751.8	772.8	789.5
40°	595.8	614.9	654.3	685.4	704.6	723.4	746.1	770.5	794.1	812.5	825.1
37.5°	681.1	696.0	705.5	734.3	770.7	754.0	797.0	827.9	842.0	860.7	862.4
35°	810.2	800.4	787.6	902.3	909.2	870.4	910.7	958.6	933.3	985.9	1014.1
32.5°	924.7	923.2	1023.3	1083.6	1048.9	1077.3	1170.1	1166.0	1227.9	1256.6	1248.4
30°	1032.5	1069.3	1127.2	1172.1	1178.1	1222.8	1264.0	1300.1	1337.5	1370.9	1373.3
27.5°	1087.2	1135.2	1174.5	1200.5	1229.5	1267.1	1304.5	1345.2	1377.0	1398.0	1403.1
25°	1120.3	1169.3	1199.1	1227.1	1259.1	1291.6	1333.5	1377.7	1403.3	1416.2	1420.4
22.5°	1149.5	1193.6	1225.6	1248.3	1282.8	1317.6	1356.7	1394.2	1421.9	1427.6	1429.6
20°	1177.6	1220.0	1273.4	1306.8	1305.2	1344.4	1382.1	1411.9	1435.0	1434.9	1435.4
17.5°	1258.9	1274.0	1371.0	1444.6	1408.2	1389.0	1492.4	1494.4	1500.6	1488.4	1461.9
15°	1379.2	1406.7	1525.9	1605.7	1580.6	1579.3	1728.8	1691.7	1723.6	1715.2	1751.2
12.5°	1506.7	1539.3	1628.3	1706.7	1744.1	1753.3	1803.2	1850.0	1859.6	1855.8	1848.7
10°	1593.5	1639.9	1675.7	1723.3	1761.0	1799.5	1828.4	1862.0	1872.9	1866.6	1857.6
7.5°	1604.8	1650.7	1692.7	1734.5	1770.4	1801.3	1831.4	1858.7	1869.9	1866.2	1860.0
5°	1612.0	1653.6	1694.3	1736.7	1771.0	1799.7	1829.6	1857.3	1863.9	1859.5	1853.5
2.5°	1616.5	1655.0	1694.2	1736.4	1767.5	1794.9	1825.1	1854.7	1854.6	1852.7	1849.2
0°	1618.6	1657.2	1702.8	1740.9	1775.8	1801.7	1831.6	1860.4	1858.3	1853.0	1846.8
-2.5°	1623.2	1662.3	1708.8	1740.4	1779.7	1803.5	1834.4	1859.3	1858.4	1855.7	1852.7
-5°	1627.3	1671.3	1714.8	1748.1	1787.5	1818.5	1849.2	1868.7	1869.7	1866.1	1860.9
-7.5°	1629.8	1678.6	1720.1	1753.5	1791.8	1827.8	1859.0	1879.4	1879.8	1875.0	1868.9
-10°	1629.0	1680.5	1723.2	1757.7	1796.9	1832.5	1865.1	1891.0	1890.1	1885.5	1880.3
-12.5°	1625.9	1677.4	1721.2	1755.9	1800.3	1836.9	1873.6	1899.4	1900.8	1897.3	1891.6
-15°	1619.2	1672.2	1714.9	1752.8	1796.3	1839.1	1876.8	1905.2	1910.3	1907.5	1903.0
-17.5°	1605.8	1661.8	1707.1	1747.8	1789.7	1835.3	1878.1	1909.2	1916.2	1915.0	1911.3
-20°	1588.3	1646.0	1691.9	1734.7	1780.2	1827.2	1877.1	1905.5	1915.6	1916.2	1913.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1568.6	1625.1	1673.8	1715.8	1765.2	1812.8	1858.0	1891.2	1908.1	1911.2	1911.4
-25°	1544.9	1603.1	1651.4	1696.1	1742.0	1791.2	1836.9	1874.0	1891.1	1899.3	1901.8
-27.5°	1511.5	1571.6	1619.2	1666.5	1713.2	1763.9	1812.0	1852.3	1866.2	1877.5	1882.0
-30°	1472.4	1531.8	1580.4	1623.5	1677.0	1728.7	1778.3	1813.5	1834.5	1847.4	1854.4
-32.5°	1427.4	1487.4	1538.4	1583.5	1634.2	1686.0	1732.6	1769.8	1798.7	1813.6	1821.1
-35°	1378.7	1439.9	1493.2	1540.8	1588.6	1637.8	1686.1	1725.0	1758.0	1770.8	1780.2
-37.5°	1319.8	1387.4	1442.1	1491.1	1536.5	1582.8	1633.1	1677.5	1709.5	1721.9	1731.9
-40°	1259.4	1324.7	1379.9	1432.2	1477.1	1527.7	1576.2	1622.7	1650.5	1664.9	1676.2
-42.5°	1195.7	1254.7	1307.2	1358.0	1408.0	1460.1	1508.5	1556.9	1580.9	1598.3	1612.1
-45°	1122.2	1177.1	1228.1	1275.6	1327.1	1378.4	1426.8	1469.6	1498.2	1520.8	1538.5
-47.5°	1024.2	1091.1	1142.3	1187.5	1238.6	1288.0	1334.9	1375.1	1406.5	1433.0	1453.5
-50°	924.6	988.7	1046.5	1097.3	1144.8	1190.5	1235.2	1274.5	1307.7	1336.4	1357.1
-52.5°	826.6	886.7	944.0	996.4	1042.0	1085.1	1126.0	1165.6	1200.6	1231.3	1251.4
-55°	715.8	778.1	834.8	883.6	929.2	971.8	1012.2	1049.7	1084.2	1115.4	1134.6
-57.5°	611.9	666.5	719.3	764.4	807.4	848.0	886.2	922.2	955.3	984.7	1003.2
-60°	516.3	556.1	601.5	643.2	681.3	715.9	751.6	785.1	815.6	841.4	858.7
-62.5°	431.9	464.9	497.6	529.3	560.2	591.3	621.2	649.0	674.5	695.7	710.8
-65°	356.6	383.1	406.9	429.3	450.7	475.2	498.0	519.4	539.2	555.4	566.9
-67.5°	293.7	312.3	328.7	344.1	361.0	378.3	394.5	408.7	420.8	430.4	438.0
-70°	236.8	250.6	262.9	275.2	287.5	298.8	309.5	319.9	329.8	337.8	343.9
-72.5°	185.5	194.8	203.2	212.7	221.6	230.1	237.6	243.6	248.2	252.8	256.7
-75°	141.4	148.5	157.9	165.9	172.6	178.4	183.8	188.6	192.8	196.5	199.8
-77.5°	113.7	119.7	125.7	131.6	137.2	141.5	145.4	149.3	153.1	156.4	159.3
-80°	84.3	88.7	93.4	98.1	102.8	105.1	107.0	108.7	110.2	112.2	114.0
-82.5°	51.5	54.1	56.7	59.3	61.9	62.6	62.8	62.7	62.4	61.7	60.6
-85°	22.9	23.1	23.0	22.8	22.3	21.4	20.3	19.0	17.6	17.3	17.1
-87.5°	5.1	5.0	4.8	4.6	4.4	4.4	4.4	4.4	4.3	4.5	4.6
-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: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.2	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.2	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.4
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5
62.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8
60°	1.5	1.0	0.8	0.8	0.8	1.0	1.5	1.9	2.2	2.3	2.3
57.5°	9.1	6.8	5.8	5.3	5.8	6.8	9.1	10.7	11.5	35.2	42.7
55°	221.8	233.1	241.5	245.4	241.5	233.1	221.8	202.3	175.1	164.3	167.6
52.5°	308.0	312.9	315.7	315.6	315.7	312.9	308.0	302.7	296.6	286.5	277.1
50°	343.3	345.6	346.5	346.0	346.5	345.6	343.3	339.6	337.4	332.8	315.9
47.5°	507.0	463.1	430.9	423.1	430.9	463.1	507.0	526.9	505.1	460.9	410.8
45°	722.1	738.7	755.3	760.5	755.3	738.7	722.1	714.5	698.7	679.5	659.5
42.5°	796.6	802.0	805.1	805.2	805.1	802.0	796.6	789.5	772.8	751.8	726.0
40°	832.1	837.2	840.2	840.5	840.2	837.2	832.1	825.1	812.5	794.1	770.5
37.5°	864.4	868.8	871.7	874.6	871.7	868.8	864.4	862.4	860.7	842.0	827.9
35°	1010.3	977.3	929.7	936.9	929.7	977.3	1010.3	1014.1	985.9	933.3	958.6
32.5°	1261.2	1275.1	1283.8	1298.5	1283.8	1275.1	1261.2	1248.4	1256.6	1227.9	1166.0
30°	1376.9	1381.5	1388.5	1395.8	1388.5	1381.5	1376.9	1373.3	1370.9	1337.5	1300.1
27.5°	1405.8	1410.6	1414.8	1417.9	1414.8	1410.6	1405.8	1403.1	1398.0	1377.0	1345.2
25°	1420.9	1423.9	1428.3	1432.3	1428.3	1423.9	1420.9	1420.4	1416.2	1403.3	1377.7
22.5°	1428.4	1428.7	1432.2	1437.2	1432.2	1428.7	1428.4	1429.6	1427.6	1421.9	1394.2
20°	1433.6	1430.8	1434.4	1437.6	1434.4	1430.8	1433.6	1435.4	1434.9	1435.0	1411.9
17.5°	1499.2	1461.7	1446.4	1446.7	1446.4	1461.7	1499.2	1461.9	1488.4	1500.6	1494.4
15°	1710.9	1724.9	1778.7	1807.8	1778.7	1724.9	1710.9	1751.2	1715.2	1723.6	1691.7
12.5°	1847.4	1842.4	1836.0	1844.8	1836.0	1842.4	1847.4	1848.7	1855.8	1859.6	1850.0
10°	1853.8	1853.2	1841.8	1854.2	1841.8	1853.2	1853.8	1857.6	1866.6	1872.9	1862.0
7.5°	1849.9	1850.2	1845.4	1857.5	1845.4	1850.2	1849.9	1860.0	1866.2	1869.9	1858.7
5°	1852.4	1844.1	1847.3	1854.2	1847.3	1844.1	1852.4	1853.5	1859.5	1863.9	1857.3
2.5°	1845.3	1844.4	1838.3	1843.1	1838.3	1844.4	1845.3	1849.2	1852.7	1854.6	1854.7
0°	1839.8	1835.3	1835.3	1839.4	1835.3	1835.3	1839.8	1846.8	1853.0	1858.3	1860.4
-2.5°	1849.5	1848.6	1848.0	1845.2	1848.0	1848.6	1849.5	1852.7	1855.7	1858.4	1859.3
-5°	1857.5	1855.1	1848.4	1857.5	1848.4	1855.1	1857.5	1860.9	1866.1	1869.7	1868.7
-7.5°	1866.1	1859.8	1853.5	1867.7	1853.5	1859.8	1866.1	1868.9	1875.0	1879.8	1879.4
-10°	1873.9	1864.9	1858.7	1872.7	1858.7	1864.9	1873.9	1880.3	1885.5	1890.1	1891.0
-12.5°	1884.3	1873.8	1869.6	1877.2	1869.6	1873.8	1884.3	1891.6	1897.3	1900.8	1899.4
-15°	1895.3	1888.1	1887.1	1891.5	1887.1	1888.1	1895.3	1903.0	1907.5	1910.3	1905.2
-17.5°	1905.0	1899.9	1902.5	1907.6	1902.5	1899.9	1905.0	1911.3	1915.0	1916.2	1909.2
-20°	1909.7	1906.8	1909.7	1922.3	1909.7	1906.8	1909.7	1913.7	1916.2	1915.6	1905.5



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1909.3	1909.5	1914.5	1918.6	1914.5	1909.5	1909.3	1911.4	1911.2	1908.1	1891.2
-25°	1902.0	1905.8	1911.6	1919.9	1911.6	1905.8	1902.0	1901.8	1899.3	1891.1	1874.0
-27.5°	1884.5	1890.8	1896.8	1905.5	1896.8	1890.8	1884.5	1882.0	1877.5	1866.2	1852.3
-30°	1859.0	1866.6	1872.0	1881.3	1872.0	1866.6	1859.0	1854.4	1847.4	1834.5	1813.5
-32.5°	1828.1	1836.7	1843.0	1849.7	1843.0	1836.7	1828.1	1821.1	1813.6	1798.7	1769.8
-35°	1789.5	1798.7	1805.5	1811.5	1805.5	1798.7	1789.5	1780.2	1770.8	1758.0	1725.0
-37.5°	1743.0	1753.0	1760.7	1767.6	1760.7	1753.0	1743.0	1731.9	1721.9	1709.5	1677.5
-40°	1688.9	1699.2	1707.4	1715.1	1707.4	1699.2	1688.9	1676.2	1664.9	1650.5	1622.7
-42.5°	1625.7	1636.0	1644.5	1652.3	1644.5	1636.0	1625.7	1612.1	1598.3	1580.9	1556.9
-45°	1552.6	1563.2	1572.2	1580.5	1572.2	1563.2	1552.6	1538.5	1520.8	1498.2	1469.6
-47.5°	1468.5	1479.9	1487.5	1491.4	1487.5	1479.9	1468.5	1453.5	1433.0	1406.5	1375.1
-50°	1372.1	1383.5	1392.7	1399.5	1392.7	1383.5	1372.1	1357.1	1336.4	1307.7	1274.5
-52.5°	1266.0	1276.8	1284.7	1289.5	1284.7	1276.8	1266.0	1251.4	1231.3	1200.6	1165.6
-55°	1149.7	1161.0	1168.6	1172.1	1168.6	1161.0	1149.7	1134.6	1115.4	1084.2	1049.7
-57.5°	1017.9	1028.7	1036.7	1041.2	1036.7	1028.7	1017.9	1003.2	984.7	955.3	922.2
-60°	872.1	881.7	887.8	890.2	887.8	881.7	872.1	858.7	841.4	815.6	785.1
-62.5°	723.0	732.0	737.7	740.0	737.7	732.0	723.0	710.8	695.7	674.5	649.0
-65°	575.5	581.3	584.4	584.8	584.4	581.3	575.5	566.9	555.4	539.2	519.4
-67.5°	444.0	448.4	451.0	451.9	451.0	448.4	444.0	438.0	430.4	420.8	408.7
-70°	348.4	351.4	353.1	353.4	353.1	351.4	348.4	343.9	337.8	329.8	319.9
-72.5°	259.8	261.9	261.2	259.4	261.2	261.9	259.8	256.7	252.8	248.2	243.6
-75°	202.6	205.0	204.0	202.3	204.0	205.0	202.6	199.8	196.5	192.8	188.6
-77.5°	161.9	164.0	163.0	161.3	163.0	164.0	161.9	159.3	156.4	153.1	149.3
-80°	115.6	116.9	117.8	118.2	117.8	116.9	115.6	114.0	112.2	110.2	108.7
-82.5°	59.2	57.5	56.3	55.0	56.3	57.5	59.2	60.6	61.7	62.4	62.7
-85°	16.7	16.3	16.6	16.8	16.6	16.3	16.7	17.1	17.3	17.6	19.0
-87.5°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.6	4.5	4.3	4.4
-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: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
65°	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.6	0.5	0.5
62.5°	0.8	0.8	0.9	0.9	0.9	1.1	1.0	1.0	0.9	1.2	1.6
60°	1.9	1.5	2.3	2.6	2.2	3.8	6.4	5.8	1.7	9.3	10.7
57.5°	27.1	22.5	47.2	47.1	19.7	26.6	35.7	23.5	15.3	26.3	34.8
55°	189.4	173.4	150.8	148.4	156.2	118.7	99.2	95.5	74.7	48.6	57.7
52.5°	266.9	251.1	235.6	221.3	209.5	196.9	178.3	158.3	151.9	122.3	94.3
50°	302.1	317.5	302.3	265.1	271.8	253.8	227.7	206.4	210.8	192.6	155.3
47.5°	409.7	428.5	429.0	406.8	382.1	374.5	336.2	269.6	274.1	273.3	233.7
45°	599.8	573.5	583.3	552.1	508.5	484.4	483.2	411.9	346.0	335.3	331.4
42.5°	704.0	684.5	664.4	641.1	602.6	564.1	540.4	500.3	447.3	400.4	383.7
40°	746.1	723.4	704.6	685.4	654.3	614.9	595.8	543.2	503.3	462.7	449.2
37.5°	797.0	754.0	770.7	734.3	705.5	696.0	681.1	626.4	538.0	530.6	523.8
35°	910.7	870.4	909.2	902.3	787.6	800.4	810.2	742.9	650.4	600.2	601.3
32.5°	1170.1	1077.3	1048.9	1083.6	1023.3	923.2	924.7	904.2	777.9	704.9	672.9
30°	1264.0	1222.8	1178.1	1172.1	1127.2	1069.3	1032.5	983.3	891.3	808.0	753.3
27.5°	1304.5	1267.1	1229.5	1200.5	1174.5	1135.2	1087.2	1029.4	964.0	889.3	836.1
25°	1333.5	1291.6	1259.1	1227.1	1199.1	1169.3	1120.3	1064.0	1003.0	942.8	885.7
22.5°	1356.7	1317.6	1282.8	1248.3	1225.6	1193.6	1149.5	1091.3	1050.4	1012.1	937.9
20°	1382.1	1344.4	1305.2	1306.8	1273.4	1220.0	1177.6	1148.6	1143.0	1100.0	1004.1
17.5°	1492.4	1389.0	1408.2	1444.6	1371.0	1274.0	1258.9	1260.5	1242.7	1202.7	1083.5
15°	1728.8	1579.3	1580.6	1605.7	1525.9	1406.7	1379.2	1375.9	1347.8	1303.6	1167.3
12.5°	1803.2	1753.3	1744.1	1706.7	1628.3	1539.3	1506.7	1489.0	1437.6	1352.0	1227.6
10°	1828.4	1799.5	1761.0	1723.3	1675.7	1639.9	1593.5	1529.3	1456.4	1373.8	1272.6
7.5°	1831.4	1801.3	1770.4	1734.5	1692.7	1650.7	1604.8	1541.0	1470.5	1389.5	1304.2
5°	1829.6	1799.7	1771.0	1736.7	1694.3	1653.6	1612.0	1548.9	1480.1	1399.8	1325.1
2.5°	1825.1	1794.9	1767.5	1736.4	1694.2	1655.0	1616.5	1557.4	1486.9	1408.2	1332.0
0°	1831.6	1801.7	1775.8	1740.9	1702.8	1657.2	1618.6	1566.1	1490.2	1413.8	1334.6
-2.5°	1834.4	1803.5	1779.7	1740.4	1708.8	1662.3	1623.2	1572.5	1496.4	1423.7	1340.9
-5°	1849.2	1818.5	1787.5	1748.1	1714.8	1671.3	1627.3	1575.1	1501.0	1429.1	1343.8
-7.5°	1859.0	1827.8	1791.8	1753.5	1720.1	1678.6	1629.8	1575.3	1505.3	1429.0	1345.2
-10°	1865.1	1832.5	1796.9	1757.7	1723.2	1680.5	1629.0	1573.9	1504.4	1425.7	1342.2
-12.5°	1873.6	1836.9	1800.3	1755.9	1721.2	1677.4	1625.9	1570.8	1498.0	1419.5	1334.5
-15°	1876.8	1839.1	1796.3	1752.8	1714.9	1672.2	1619.2	1561.5	1486.8	1409.8	1322.0
-17.5°	1878.1	1835.3	1789.7	1747.8	1707.1	1661.8	1605.8	1544.5	1472.3	1392.9	1305.4
-20°	1877.1	1827.2	1780.2	1734.7	1691.9	1646.0	1588.3	1527.6	1451.7	1370.8	1284.0



Classified

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

Scaled Data Report



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1858.0	1812.8	1765.2	1715.8	1673.8	1625.1	1568.6	1505.7	1424.9	1346.7	1256.7
-25°	1836.9	1791.2	1742.0	1696.1	1651.4	1603.1	1544.9	1473.6	1396.9	1315.6	1223.6
-27.5°	1812.0	1763.9	1713.2	1666.5	1619.2	1571.6	1511.5	1439.7	1365.8	1276.9	1187.6
-30°	1778.3	1728.7	1677.0	1623.5	1580.4	1531.8	1472.4	1402.7	1323.3	1235.5	1150.5
-32.5°	1732.6	1686.0	1634.2	1583.5	1538.4	1487.4	1427.4	1358.2	1274.9	1191.8	1103.4
-35°	1686.1	1637.8	1588.6	1540.8	1493.2	1439.9	1378.7	1303.3	1223.7	1141.4	1049.6
-37.5°	1633.1	1582.8	1536.5	1491.1	1442.1	1387.4	1319.8	1247.0	1169.3	1078.9	991.6
-40°	1576.2	1527.7	1477.1	1432.2	1379.9	1324.7	1259.4	1188.7	1103.3	1013.9	931.8
-42.5°	1508.5	1460.1	1408.0	1358.0	1307.2	1254.7	1195.7	1119.2	1034.6	950.2	865.0
-45°	1426.8	1378.4	1327.1	1275.6	1228.1	1177.1	1122.2	1040.6	957.0	876.7	794.9
-47.5°	1334.9	1288.0	1238.6	1187.5	1142.3	1091.1	1024.2	948.2	874.3	797.9	714.1
-50°	1235.2	1190.5	1144.8	1097.3	1046.5	988.7	924.6	858.4	785.2	706.6	630.1
-52.5°	1126.0	1085.1	1042.0	996.4	944.0	886.7	826.6	756.3	683.2	616.6	547.0
-55°	1012.2	971.8	929.2	883.6	834.8	778.1	715.8	651.8	592.2	530.6	477.5
-57.5°	886.2	848.0	807.4	764.4	719.3	666.5	611.9	557.6	510.4	462.5	414.3
-60°	751.6	715.9	681.3	643.2	601.5	556.1	516.3	476.3	436.2	398.0	359.2
-62.5°	621.2	591.3	560.2	529.3	497.6	464.9	431.9	401.0	369.4	337.0	308.5
-65°	498.0	475.2	450.7	429.3	406.9	383.1	356.6	332.4	309.5	285.7	261.5
-67.5°	394.5	378.3	361.0	344.1	328.7	312.3	293.7	274.1	255.9	238.3	220.4
-70°	309.5	298.8	287.5	275.2	262.9	250.6	236.8	222.4	207.8	194.6	182.0
-72.5°	237.6	230.1	221.6	212.7	203.2	194.8	185.5	175.7	165.8	155.8	146.3
-75°	183.8	178.4	172.6	165.9	157.9	148.5	141.4	136.7	130.7	123.4	115.5
-77.5°	145.4	141.5	137.2	131.6	125.7	119.7	113.7	107.8	102.0	96.5	91.5
-80°	107.0	105.1	102.8	98.1	93.4	88.7	84.3	80.7	77.3	73.5	68.9
-82.5°	62.8	62.6	61.9	59.3	56.7	54.1	51.5	49.0	46.3	43.5	40.7
-85°	20.3	21.4	22.3	22.8	23.0	23.1	22.9	22.3	21.5	20.6	19.6
-87.5°	4.4	4.4	4.4	4.6	4.8	5.0	5.1	5.3	5.5	5.7	5.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7
72.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.6	0.7
70°	0.5	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7
67.5°	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.9	0.9	0.7	0.8
65°	0.6	0.7	0.8	1.1	1.0	0.7	0.8	1.6	1.3	1.1	0.8
62.5°	1.3	0.7	2.6	3.5	2.0	1.5	1.2	3.6	2.3	1.5	1.1
60°	3.2	2.6	7.2	11.6	8.1	2.7	4.0	6.2	5.7	2.0	1.6
57.5°	30.1	10.3	15.0	21.7	21.3	11.6	8.4	11.2	9.7	5.6	2.2
55°	64.3	54.1	35.7	32.7	35.3	28.5	18.6	18.2	14.9	10.3	3.6
52.5°	88.2	92.0	80.1	55.9	48.7	46.4	36.3	26.4	23.4	15.5	9.0
50°	127.6	118.8	117.6	98.7	68.3	61.8	53.5	41.3	32.9	22.2	15.2
47.5°	180.2	158.3	146.7	138.2	109.0	78.8	70.2	56.4	43.4	32.0	21.7
45°	257.6	204.6	182.2	168.4	149.3	110.8	87.8	71.2	56.5	43.0	28.5
42.5°	335.3	264.6	222.7	200.4	180.6	147.0	106.7	88.1	69.3	54.2	37.1
40°	403.8	326.4	265.3	236.6	211.3	181.9	137.3	106.3	81.8	65.7	46.9
37.5°	486.4	396.8	314.2	274.6	244.0	211.1	168.3	125.3	96.9	77.7	56.8
35°	566.2	487.9	369.0	320.5	280.4	241.0	198.1	147.7	115.4	89.9	66.6
32.5°	651.9	573.6	451.8	371.7	318.1	271.6	226.1	175.0	134.1	102.3	76.4
30°	719.4	630.0	524.5	422.9	359.1	305.7	253.9	201.2	152.8	114.8	86.3
27.5°	755.2	678.9	581.8	480.0	405.3	340.7	282.7	226.2	171.4	128.5	96.6
25°	792.2	713.2	622.8	530.0	450.8	377.8	311.3	250.1	191.8	144.0	106.8
22.5°	836.4	742.5	657.3	569.5	497.8	415.3	341.3	274.2	212.2	159.2	116.8
20°	880.9	769.6	691.5	623.3	543.9	455.9	372.7	297.8	231.4	174.0	126.6
17.5°	927.5	818.9	749.3	675.9	589.9	495.3	403.6	320.6	249.4	188.4	136.1
15°	1008.7	892.7	807.6	727.0	635.6	533.1	433.7	342.5	266.2	202.1	144.9
12.5°	1082.5	961.4	866.0	776.5	680.6	569.2	462.8	363.4	281.8	213.1	152.8
10°	1143.5	1025.1	923.7	823.9	724.3	603.3	490.5	380.4	291.2	221.3	160.1
7.5°	1193.4	1084.0	979.9	869.1	761.8	625.6	504.5	390.3	298.4	228.3	166.7
5°	1229.6	1123.3	1009.8	884.9	773.5	634.8	514.0	398.4	304.2	234.1	172.7
2.5°	1240.0	1135.4	1021.0	893.5	781.4	640.7	520.8	404.6	308.7	238.8	178.0
0°	1246.0	1143.4	1028.1	898.8	785.5	643.5	524.9	408.8	311.9	242.5	182.6
-2.5°	1254.5	1150.2	1034.9	912.4	788.2	652.1	527.2	411.6	315.9	243.8	185.3
-5°	1258.7	1152.9	1038.1	921.6	787.5	657.3	527.0	412.4	318.5	244.3	187.3
-7.5°	1256.8	1152.0	1038.2	924.4	784.0	658.4	524.1	411.5	319.6	244.0	188.5
-10°	1251.1	1147.3	1034.2	917.0	780.7	653.8	519.0	408.9	319.0	242.9	189.0
-12.5°	1242.5	1138.6	1026.1	906.3	773.8	644.2	513.0	404.4	316.4	241.3	188.7
-15°	1231.3	1125.9	1013.8	892.8	762.6	631.4	504.0	397.9	311.4	239.4	187.6
-17.5°	1217.0	1109.4	997.2	876.7	746.7	615.6	491.8	389.4	305.1	237.0	185.3
-20°	1191.4	1087.1	976.2	858.4	726.2	596.9	476.5	379.0	297.7	233.7	182.1



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1162.6	1059.6	949.9	833.7	701.4	575.4	458.0	366.6	289.0	229.4	178.2
-25°	1131.9	1028.5	919.4	799.5	674.1	552.6	439.5	352.2	279.3	224.1	173.7
-27.5°	1095.9	993.4	884.8	761.8	642.4	526.2	421.8	339.5	269.9	217.7	168.6
-30°	1055.3	952.1	841.5	721.7	607.6	495.6	401.9	325.9	262.0	210.8	162.9
-32.5°	1008.9	906.6	793.5	680.6	570.8	463.2	379.9	311.3	252.8	203.4	157.6
-35°	956.0	853.7	742.7	636.5	531.9	437.0	358.5	295.9	242.4	195.5	152.1
-37.5°	900.9	796.9	692.0	590.4	490.4	408.7	339.2	280.6	230.8	186.9	145.9
-40°	838.1	738.4	638.7	543.0	454.6	378.2	318.2	265.6	219.8	177.9	139.2
-42.5°	773.3	677.1	583.1	492.7	419.2	353.4	296.4	249.4	208.2	169.1	131.9
-45°	703.4	612.4	524.0	450.4	383.2	327.2	277.2	232.7	195.9	160.1	124.4
-47.5°	629.8	544.2	470.2	406.2	352.6	300.8	256.8	218.1	182.9	150.5	116.8
-50°	551.8	480.7	420.7	367.9	319.6	277.1	236.5	202.9	171.0	139.8	108.9
-52.5°	482.6	425.7	376.0	330.8	290.5	252.1	219.0	187.4	158.7	129.6	100.7
-55°	423.4	376.7	334.8	297.2	261.7	230.7	200.9	173.5	146.1	119.4	92.3
-57.5°	372.2	331.4	297.9	265.2	235.9	209.4	184.3	159.4	134.0	108.9	85.7
-60°	323.1	292.6	262.8	236.5	211.7	189.2	168.7	145.2	121.8	98.3	78.3
-62.5°	280.6	254.6	232.1	209.2	188.6	170.2	153.0	131.4	109.3	88.6	70.4
-65°	240.8	220.8	201.6	183.4	166.3	150.8	136.8	117.2	96.7	78.2	62.1
-67.5°	203.0	188.0	172.9	157.6	144.1	131.6	119.6	101.9	83.6	67.3	53.8
-70°	169.2	156.4	144.6	133.2	122.3	111.8	100.6	85.6	69.9	57.5	45.4
-72.5°	137.4	128.0	118.2	108.8	100.8	91.6	81.2	69.6	58.5	47.6	36.8
-75°	107.9	101.7	94.8	87.3	79.8	71.6	64.8	56.6	46.9	37.4	29.7
-77.5°	86.3	80.3	73.3	67.4	62.4	56.8	50.5	43.4	35.8	29.1	22.9
-80°	63.6	59.0	55.1	51.7	47.0	41.9	36.7	31.6	26.0	20.8	16.1
-82.5°	38.8	37.8	36.7	35.1	31.3	27.4	23.7	20.0	16.1	12.5	10.3
-85°	19.4	19.0	18.4	17.6	15.2	12.9	11.8	10.7	9.4	8.1	6.9
-87.5°	6.4	6.9	7.2	7.5	7.0	6.4	5.9	5.4	4.7	4.1	3.5
-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: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.8	0.7	0.6	0.4	0.3	0.2	0.0
77.5°	0.8	0.8	0.7	0.5	0.3	0.2	0.0
75°	0.8	0.8	0.8	0.6	0.4	0.3	0.0
72.5°	0.8	0.9	0.8	0.7	0.5	0.3	0.0
70°	0.8	0.9	0.9	0.8	0.6	0.3	0.0
67.5°	0.9	0.9	0.9	0.8	0.6	0.4	0.0
65°	1.1	1.1	1.0	0.9	0.7	0.4	0.0
62.5°	1.3	1.3	1.0	0.9	0.8	0.5	0.0
60°	1.5	1.6	1.1	1.0	0.9	0.5	0.0
57.5°	2.8	2.0	1.4	1.0	0.9	0.6	0.0
55°	4.5	2.3	1.7	1.1	0.9	0.6	0.0
52.5°	6.4	3.0	2.1	1.1	1.0	0.6	0.0
50°	8.7	5.1	2.5	1.1	1.0	0.7	0.0
47.5°	11.7	7.4	2.8	1.3	1.1	0.7	0.0
45°	17.6	9.8	3.3	1.6	1.1	0.7	0.0
42.5°	23.6	12.4	3.7	1.9	1.2	0.8	0.0
40°	29.8	15.1	5.0	2.3	1.2	0.8	0.0
37.5°	36.1	18.0	7.1	2.8	1.3	0.9	0.0
35°	42.5	22.3	9.3	3.3	1.4	0.9	0.0
32.5°	49.5	27.4	11.5	3.9	1.4	0.9	0.0
30°	57.5	32.4	13.7	4.6	1.5	1.0	0.0
27.5°	65.3	37.4	16.4	5.3	1.5	1.0	0.0
25°	72.9	42.2	19.2	6.0	1.6	1.0	0.0
22.5°	80.3	47.2	22.0	6.8	1.6	1.0	0.0
20°	87.4	52.6	24.8	7.5	1.7	1.1	0.0
17.5°	94.5	57.7	27.5	8.3	1.8	1.1	0.0
15°	101.3	62.7	30.2	9.1	1.8	1.1	0.0
12.5°	107.6	67.5	32.8	9.9	1.9	1.1	0.0
10°	113.5	71.9	35.2	10.7	1.9	1.1	0.0
7.5°	118.9	76.1	37.6	11.5	2.0	1.2	0.0
5°	123.8	80.0	39.7	12.2	2.0	1.2	0.0
2.5°	128.2	83.5	41.7	12.9	2.1	1.2	0.0
0°	132.1	86.6	43.5	13.5	2.1	1.2	0.0
-2.5°	134.0	88.6	45.2	14.4	2.4	1.3	0.0
-5°	135.5	90.1	46.6	15.2	2.7	1.3	0.0
-7.5°	136.4	91.3	47.7	15.9	3.0	1.4	0.0
-10°	136.8	92.0	48.6	16.6	3.3	1.5	0.0
-12.5°	136.7	92.3	49.2	17.1	3.6	1.5	0.0
-15°	136.2	92.1	49.4	17.5	3.9	1.6	0.0
-17.5°	135.2	91.6	49.4	17.8	4.1	1.6	0.0
-20°	133.7	90.6	49.0	18.0	4.3	1.7	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645335 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	131.4	89.2	48.4	18.1	4.5	1.7	0.0
-25°	128.7	87.1	47.3	18.0	4.7	1.7	0.0
-27.5°	125.4	84.4	45.9	17.8	4.9	1.7	0.0
-30°	121.6	81.4	44.2	17.4	5.0	1.8	0.0
-32.5°	117.3	77.9	42.2	16.9	5.1	1.8	0.0
-35°	112.7	74.2	40.0	16.2	5.1	1.8	0.0
-37.5°	107.7	70.4	37.5	15.4	5.2	1.7	0.0
-40°	102.3	67.0	34.8	14.4	5.2	1.7	0.0
-42.5°	96.6	63.3	32.8	13.4	5.1	1.7	0.0
-45°	90.5	59.4	31.4	12.3	5.1	1.7	0.0
-47.5°	84.0	55.3	29.8	11.1	5.0	1.6	0.0
-50°	78.6	51.0	27.9	10.7	4.9	1.6	0.0
-52.5°	73.2	46.4	25.7	10.5	4.7	1.5	0.0
-55°	67.6	43.0	23.4	10.2	4.5	1.5	0.0
-57.5°	61.8	39.5	20.8	9.8	4.3	1.4	0.0
-60°	55.9	35.6	18.1	9.2	4.1	1.3	0.0
-62.5°	50.5	31.5	16.8	8.6	3.8	1.2	0.0
-65°	44.7	27.1	15.3	7.8	3.5	1.1	0.0
-67.5°	38.5	23.4	13.7	7.0	3.2	1.0	0.0
-70°	32.1	20.5	11.9	6.1	2.9	0.9	0.0
-72.5°	27.1	17.4	10.0	5.3	2.6	0.8	0.0
-75°	22.2	14.0	8.0	4.6	2.3	0.7	0.0
-77.5°	17.0	10.5	6.6	3.9	1.9	0.6	0.0
-80°	11.6	8.0	5.3	3.2	1.5	0.5	0.0
-82.5°	8.5	6.1	4.0	2.4	1.2	0.4	0.0
-85°	5.7	4.1	2.7	1.6	0.8	0.2	0.0
-87.5°	2.9	2.0	1.4	0.8	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)