

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



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-750-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-750-U-VWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N33  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

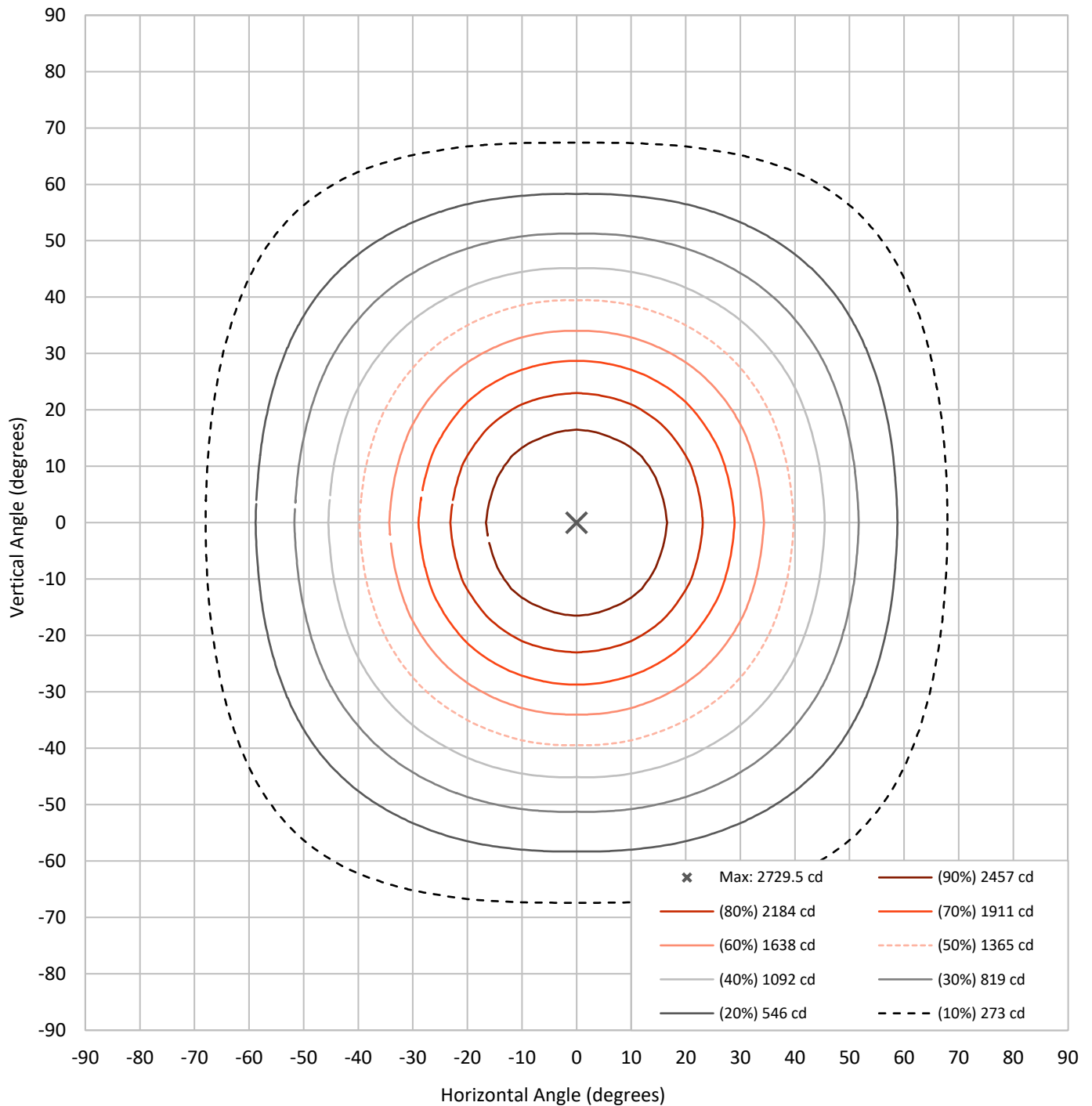
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4933.3 lumens	Max Intensity:	2729.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	2893.4 lumens	Field Lumens:	4703 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	33.5		
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





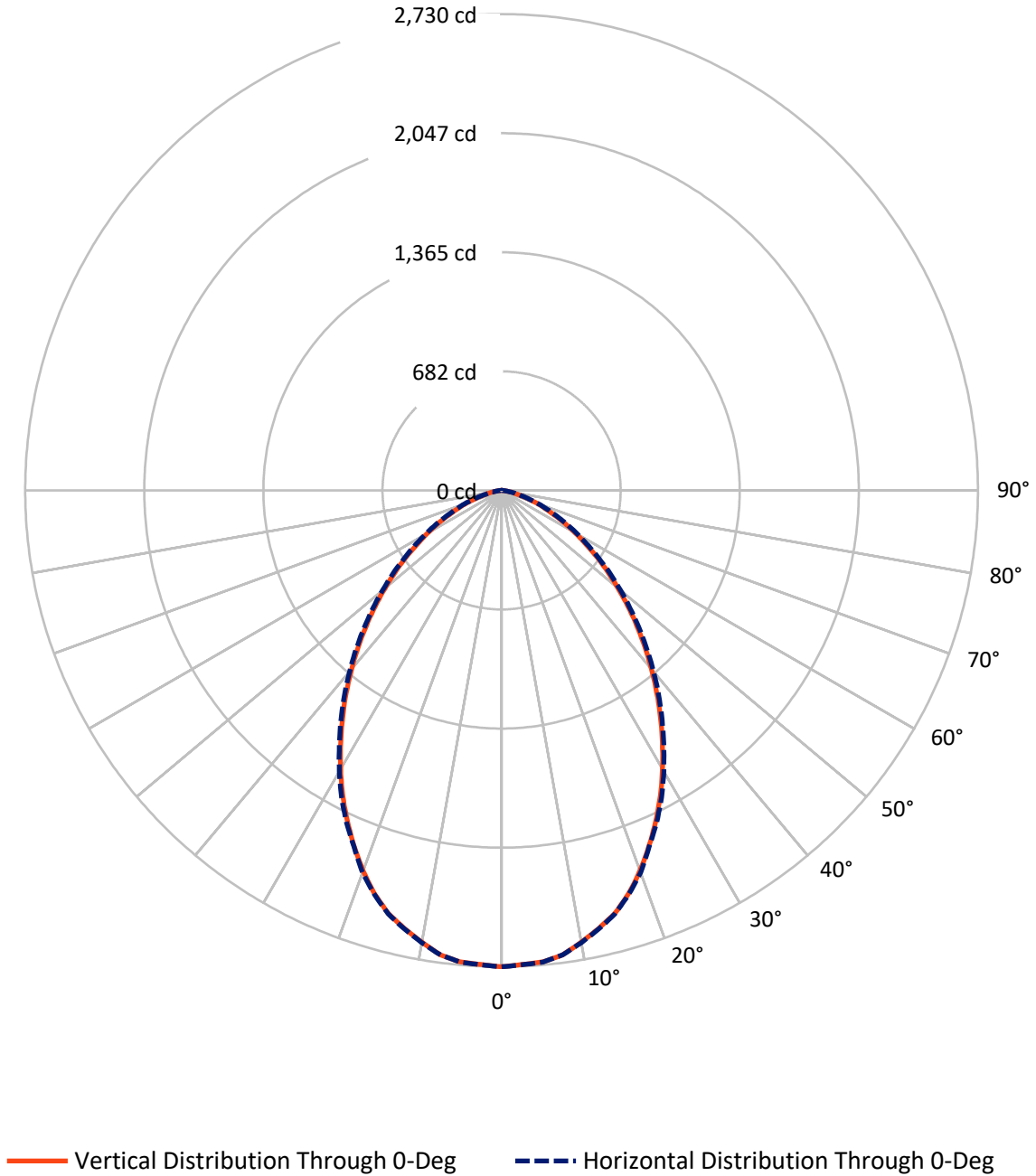
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### Lumen Table

90																			
80	0.2		2.0		5.5		9.3		8.8		9.3		5.5		2.0		0.2		
70																			
60	0.9		1.3	2.6	4.4	6.4	8.2	9.6	10.3	10.3	9.6	8.2	6.4	4.4	2.6	1.3		0.9	
50																			
40	1.6		1.9	4.1	7.4	11.2	15.2	18.5	20.3	20.3	18.5	15.2	11.2	7.4	4.1	1.9		1.6	
30																			
20	2.1		2.5	6.0	11.1	17.5	24.3	30.0	33.1	33.1	30.0	24.3	17.5	11.1	6.0	2.5		2.1	
10																			
0	2.3		3.2	7.9	15.2	24.6	34.4	42.9	47.7	47.7	42.9	34.4	24.6	15.2	7.9	3.2		2.3	
-10																			
-20	2.1		3.9	9.8	19.2	31.3	44.4	55.8	62.4	62.4	55.8	44.4	31.3	19.2	9.8	3.9		2.1	
-30																			
-40	1.6		4.4	11.2	22.1	36.5	52.5	66.5	74.5	74.5	66.5	52.5	36.5	22.1	11.2	4.4		1.6	
-50																			
-60	0.9		4.6	12.0	23.8	39.4	56.9	72.3	80.7	80.7	72.3	56.9	39.4	23.8	12.0	4.6		0.9	
-70																			
-80	0.2		4.6	12.0	23.8	39.4	56.9	72.3	80.7	80.7	72.3	56.9	39.4	23.8	12.0	4.6		0.2	
-90																			

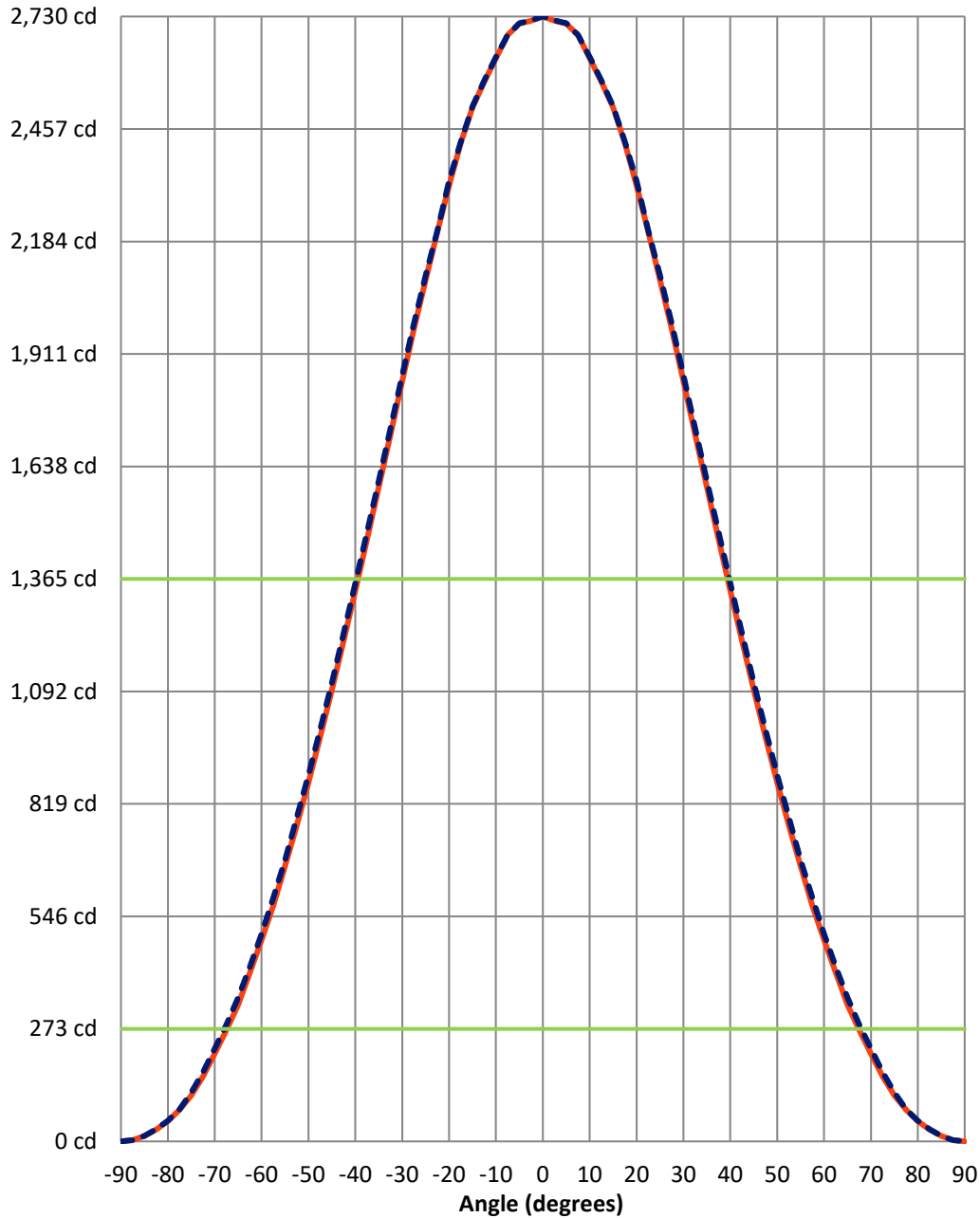
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 79.6°  
V Angle: 78.9°  
Lumens: 2893.4  
Efficiency: 58.7%

**Field:**  
H Angle: 135.9°  
V Angle: 134.8°  
Lumens: 4703  
Efficiency: 95.3%

**Spill:**  
Lumens: 230.2  
Efficiency: 4.7%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.3	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.6	7.3	9.8
80°	0.0	0.6	1.4	2.1	2.8	3.5	4.8	8.5	12.1	15.5	18.8
77.5°	0.0	0.8	1.8	2.7	3.5	5.5	10.4	15.1	19.5	23.7	29.0
75°	0.0	0.9	2.1	3.2	4.6	9.6	15.9	21.6	27.1	34.7	42.7
72.5°	0.0	1.1	2.4	3.7	7.3	13.5	21.2	28.6	37.3	46.5	56.2
70°	0.0	1.2	2.8	4.4	10.0	17.3	26.5	37.1	47.2	58.1	70.8
67.5°	0.0	1.4	3.1	6.0	12.5	20.9	32.9	45.3	57.0	70.7	85.3
65°	0.0	1.5	3.4	7.6	14.9	24.9	38.9	53.3	67.5	82.9	98.8
62.5°	0.0	1.6	3.7	9.1	17.2	29.4	44.7	61.7	77.7	94.6	110.9
60°	0.0	1.8	4.0	10.5	19.3	33.6	50.2	70.0	87.5	105.6	122.8
57.5°	0.0	1.9	4.8	11.8	22.2	37.5	55.9	77.7	97.1	116.3	134.1
55°	0.0	2.0	5.5	13.1	25.0	41.2	61.4	84.4	106.6	126.6	145.0
52.5°	0.0	2.1	6.3	14.2	27.5	44.7	66.4	91.4	115.9	136.2	155.6
50°	0.0	2.2	7.0	15.3	29.8	48.4	71.1	98.0	124.7	145.5	167.7
47.5°	0.0	2.3	7.7	16.3	32.0	51.7	75.4	104.1	132.7	154.5	179.6
45°	0.0	2.4	8.3	17.8	33.9	54.8	80.2	109.7	138.9	164.6	190.9
42.5°	0.0	2.5	8.9	19.0	35.6	57.5	84.6	114.9	144.8	174.4	204.3
40°	0.0	2.6	9.5	20.4	37.3	59.9	88.6	119.9	151.0	183.5	217.4
37.5°	0.0	2.7	10.0	21.7	39.0	61.9	92.2	124.6	157.9	192.1	229.6
35°	0.0	2.8	10.5	22.9	40.5	64.3	95.3	129.0	164.7	202.0	241.9
32.5°	0.0	2.8	11.0	24.0	41.7	66.6	98.2	133.1	171.2	211.6	255.0
30°	0.0	2.9	11.4	25.0	42.7	68.6	101.3	137.2	177.5	220.7	267.2
27.5°	0.0	3.0	11.8	26.0	44.2	70.2	104.0	142.0	184.0	229.4	278.5
25°	0.0	3.0	12.2	26.8	45.5	71.5	106.4	146.5	190.8	238.2	289.0
22.5°	0.0	3.0	12.5	27.5	46.7	72.9	108.5	150.5	197.1	246.5	300.1
20°	0.0	3.1	12.7	28.2	47.8	74.7	110.2	154.2	202.7	254.0	310.1
17.5°	0.0	3.1	12.9	28.7	48.7	76.2	112.3	157.4	207.8	260.6	318.9
15°	0.0	3.1	13.1	29.1	49.4	77.3	114.5	160.5	212.2	266.2	326.5
12.5°	0.0	3.1	13.2	29.5	49.9	78.2	116.3	163.4	216.1	270.9	332.9
10°	0.0	3.1	13.3	29.7	50.3	78.7	117.7	165.6	219.6	275.2	338.3
7.5°	0.0	3.1	13.4	29.9	50.5	78.9	118.6	167.2	222.2	278.8	342.9
5°	0.0	3.1	13.4	29.9	50.5	78.8	119.1	168.1	224.0	281.3	346.2
2.5°	0.0	3.1	13.4	29.9	50.4	78.5	119.1	168.3	225.0	282.9	348.2
0°	0.0	3.1	13.3	29.7	50.1	77.8	118.7	167.8	225.1	283.4	348.9
-2.5°	0.0	3.1	13.4	29.9	50.4	78.5	119.1	168.3	225.0	282.9	348.2
-5°	0.0	3.1	13.4	29.9	50.5	78.8	119.1	168.1	224.0	281.3	346.2
-7.5°	0.0	3.1	13.4	29.9	50.5	78.9	118.6	167.2	222.2	278.8	342.9
-10°	0.0	3.1	13.3	29.7	50.3	78.7	117.7	165.6	219.6	275.2	338.3
-12.5°	0.0	3.1	13.2	29.5	49.9	78.2	116.3	163.4	216.1	270.9	332.9
-15°	0.0	3.1	13.1	29.1	49.4	77.3	114.5	160.5	212.2	266.2	326.5
-17.5°	0.0	3.1	12.9	28.7	48.7	76.2	112.3	157.4	207.8	260.6	318.9
-20°	0.0	3.1	12.7	28.2	47.8	74.7	110.2	154.2	202.7	254.0	310.1

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.0	12.5	27.5	46.7	72.9	108.5	150.5	197.1	246.5	300.1
-25°	0.0	3.0	12.2	26.8	45.5	71.5	106.4	146.5	190.8	238.2	289.0
-27.5°	0.0	3.0	11.8	26.0	44.2	70.2	104.0	142.0	184.0	229.4	278.5
-30°	0.0	2.9	11.4	25.0	42.7	68.6	101.3	137.2	177.5	220.7	267.2
-32.5°	0.0	2.8	11.0	24.0	41.7	66.6	98.2	133.1	171.2	211.6	255.0
-35°	0.0	2.8	10.5	22.9	40.5	64.3	95.3	129.0	164.7	202.0	241.9
-37.5°	0.0	2.7	10.0	21.7	39.0	61.9	92.2	124.6	157.9	192.1	229.6
-40°	0.0	2.6	9.5	20.4	37.3	59.9	88.6	119.9	151.0	183.5	217.4
-42.5°	0.0	2.5	8.9	19.0	35.6	57.5	84.6	114.9	144.8	174.4	204.3
-45°	0.0	2.4	8.3	17.8	33.9	54.8	80.2	109.7	138.9	164.6	190.9
-47.5°	0.0	2.3	7.7	16.3	32.0	51.7	75.4	104.1	132.7	154.5	179.6
-50°	0.0	2.2	7.0	15.3	29.8	48.4	71.1	98.0	124.7	145.5	167.7
-52.5°	0.0	2.1	6.3	14.2	27.5	44.7	66.4	91.4	115.9	136.2	155.6
-55°	0.0	2.0	5.5	13.1	25.0	41.2	61.4	84.4	106.6	126.6	145.0
-57.5°	0.0	1.9	4.8	11.8	22.2	37.5	55.9	77.7	97.1	116.3	134.1
-60°	0.0	1.8	4.0	10.5	19.3	33.6	50.2	70.0	87.5	105.6	122.8
-62.5°	0.0	1.6	3.7	9.1	17.2	29.4	44.7	61.7	77.7	94.6	110.9
-65°	0.0	1.5	3.4	7.6	14.9	24.9	38.9	53.3	67.5	82.9	98.8
-67.5°	0.0	1.4	3.1	6.0	12.5	20.9	32.9	45.3	57.0	70.7	85.3
-70°	0.0	1.2	2.8	4.4	10.0	17.3	26.5	37.1	47.2	58.1	70.8
-72.5°	0.0	1.1	2.4	3.7	7.3	13.5	21.2	28.6	37.3	46.5	56.2
-75°	0.0	0.9	2.1	3.2	4.6	9.6	15.9	21.6	27.1	34.7	42.7
-77.5°	0.0	0.8	1.8	2.7	3.5	5.5	10.4	15.1	19.5	23.7	29.0
-80°	0.0	0.6	1.4	2.1	2.8	3.5	4.8	8.5	12.1	15.5	18.8
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.6	7.3	9.8
-85°	0.0	0.3	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA1B-750-U-VWR-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°	2.0	2.3	2.6	2.9	3.0	3.0	2.9	2.9	3.0	3.1	3.3
85°	4.0	4.6	6.4	8.1	8.9	9.4	9.7	9.6	11.2	13.0	15.0
82.5°	12.5	15.0	17.5	19.8	20.4	20.4	20.2	20.3	24.0	28.2	32.5
80°	22.2	25.4	29.8	33.6	35.2	36.1	36.5	36.4	41.1	47.3	53.8
77.5°	35.2	40.6	45.4	49.5	51.6	53.6	55.2	56.4	62.4	70.2	78.0
75°	50.0	56.0	61.9	67.2	70.8	73.5	76.0	80.1	87.9	97.1	105.0
72.5°	65.6	73.3	79.9	85.6	90.7	96.1	102.2	108.8	117.1	126.3	134.6
70°	82.3	90.7	97.7	104.5	111.5	119.6	128.7	137.7	146.9	157.0	166.7
67.5°	98.6	106.8	115.0	123.6	134.0	144.9	155.6	168.0	180.7	191.9	201.9
65°	112.8	122.3	132.6	144.3	157.2	171.0	185.3	200.2	216.2	229.6	241.9
62.5°	126.3	137.8	150.3	164.8	181.2	197.6	215.9	234.5	252.5	268.4	283.0
60°	138.8	152.7	168.5	186.3	205.4	227.2	248.1	269.2	289.0	306.9	325.4
57.5°	151.0	168.4	187.4	208.7	233.0	257.4	282.0	304.7	327.1	348.9	369.9
55°	163.8	184.9	207.4	233.6	261.0	289.9	316.3	341.6	366.3	392.8	418.1
52.5°	177.9	201.5	229.7	259.1	290.6	321.6	350.7	379.5	409.4	439.4	472.2
50°	191.6	221.0	251.9	286.0	320.1	353.3	386.6	419.8	455.6	492.4	529.6
47.5°	207.5	239.6	276.1	312.7	349.9	386.9	424.0	464.2	504.8	547.5	588.6
45°	223.7	259.7	299.0	340.4	380.7	421.6	465.0	509.4	557.1	604.0	653.5
42.5°	239.0	279.7	323.0	367.8	412.5	458.3	506.0	557.9	609.9	664.1	718.5
40°	255.9	298.7	346.5	395.7	444.3	495.0	549.6	605.8	664.7	724.2	783.3
37.5°	272.2	319.2	369.5	422.5	477.0	532.7	591.9	655.7	719.6	783.7	848.8
35°	287.5	338.7	393.1	449.4	507.2	570.6	636.8	704.9	774.1	843.4	913.5
32.5°	303.2	357.0	415.7	475.9	539.7	607.6	680.2	753.9	827.6	901.6	978.3
30°	318.9	376.3	437.6	501.0	570.7	644.8	722.8	800.9	878.8	960.3	1042.0
27.5°	333.7	394.6	459.1	527.0	600.5	679.3	762.0	845.7	929.8	1016.4	1103.6
25°	347.4	411.9	479.1	551.9	629.9	712.4	798.5	885.9	978.1	1070.8	1161.8
22.5°	360.7	427.8	497.6	574.9	656.5	743.1	832.9	925.1	1021.5	1121.0	1215.2
20°	373.6	442.9	515.5	595.7	680.3	770.8	864.1	960.7	1061.8	1163.9	1265.3
17.5°	385.0	456.3	532.3	615.2	703.1	796.1	892.2	991.9	1097.5	1203.4	1310.8
15°	394.9	468.0	546.8	632.3	723.2	819.1	918.3	1020.9	1129.2	1239.4	1351.1
12.5°	403.3	477.9	559.0	646.7	740.3	838.9	940.7	1046.9	1158.1	1271.5	1386.4
10°	410.1	486.0	568.8	658.5	754.2	855.2	959.1	1068.3	1182.9	1298.7	1416.0
7.5°	415.9	492.8	576.7	667.6	765.0	867.9	973.5	1085.0	1202.6	1320.0	1439.8
5°	420.1	498.2	583.9	675.3	774.3	877.9	984.3	1096.9	1217.1	1335.1	1457.1
2.5°	422.7	501.7	588.8	680.3	781.7	885.4	994.0	1107.5	1227.7	1347.1	1470.1
0°	423.5	503.3	591.3	682.4	785.7	889.0	999.5	1113.1	1232.8	1354.5	1478.3
-2.5°	422.7	501.7	588.8	680.3	781.7	885.4	994.0	1107.5	1227.7	1347.1	1470.1
-5°	420.1	498.2	583.9	675.3	774.3	877.9	984.3	1096.9	1217.1	1335.1	1457.1
-7.5°	415.9	492.8	576.7	667.6	765.0	867.9	973.5	1085.0	1202.6	1320.0	1439.8
-10°	410.1	486.0	568.8	658.5	754.2	855.2	959.1	1068.3	1182.9	1298.7	1416.0
-12.5°	403.3	477.9	559.0	646.7	740.3	838.9	940.7	1046.9	1158.1	1271.5	1386.4
-15°	394.9	468.0	546.8	632.3	723.2	819.1	918.3	1020.9	1129.2	1239.4	1351.1
-17.5°	385.0	456.3	532.3	615.2	703.1	796.1	892.2	991.9	1097.5	1203.4	1310.8
-20°	373.6	442.9	515.5	595.7	680.3	770.8	864.1	960.7	1061.8	1163.9	1265.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	360.7	427.8	497.6	574.9	656.5	743.1	832.9	925.1	1021.5	1121.0	1215.2
-25°	347.4	411.9	479.1	551.9	629.9	712.4	798.5	885.9	978.1	1070.8	1161.8
-27.5°	333.7	394.6	459.1	527.0	600.5	679.3	762.0	845.7	929.8	1016.4	1103.6
-30°	318.9	376.3	437.6	501.0	570.7	644.8	722.8	800.9	878.8	960.3	1042.0
-32.5°	303.2	357.0	415.7	475.9	539.7	607.6	680.2	753.9	827.6	901.6	978.3
-35°	287.5	338.7	393.1	449.4	507.2	570.6	636.8	704.9	774.1	843.4	913.5
-37.5°	272.2	319.2	369.5	422.5	477.0	532.7	591.9	655.7	719.6	783.7	848.8
-40°	255.9	298.7	346.5	395.7	444.3	495.0	549.6	605.8	664.7	724.2	783.3
-42.5°	239.0	279.7	323.0	367.8	412.5	458.3	506.0	557.9	609.9	664.1	718.5
-45°	223.7	259.7	299.0	340.4	380.7	421.6	465.0	509.4	557.1	604.0	653.5
-47.5°	207.5	239.6	276.1	312.7	349.9	386.9	424.0	464.2	504.8	547.5	588.6
-50°	191.6	221.0	251.9	286.0	320.1	353.3	386.6	419.8	455.6	492.4	529.6
-52.5°	177.9	201.5	229.7	259.1	290.6	321.6	350.7	379.5	409.4	439.4	472.2
-55°	163.8	184.9	207.4	233.6	261.0	289.9	316.3	341.6	366.3	392.8	418.1
-57.5°	151.0	168.4	187.4	208.7	233.0	257.4	282.0	304.7	327.1	348.9	369.9
-60°	138.8	152.7	168.5	186.3	205.4	227.2	248.1	269.2	289.0	306.9	325.4
-62.5°	126.3	137.8	150.3	164.8	181.2	197.6	215.9	234.5	252.5	268.4	283.0
-65°	112.8	122.3	132.6	144.3	157.2	171.0	185.3	200.2	216.2	229.6	241.9
-67.5°	98.6	106.8	115.0	123.6	134.0	144.9	155.6	168.0	180.7	191.9	201.9
-70°	82.3	90.7	97.7	104.5	111.5	119.6	128.7	137.7	146.9	157.0	166.7
-72.5°	65.6	73.3	79.9	85.6	90.7	96.1	102.2	108.8	117.1	126.3	134.6
-75°	50.0	56.0	61.9	67.2	70.8	73.5	76.0	80.1	87.9	97.1	105.0
-77.5°	35.2	40.6	45.4	49.5	51.6	53.6	55.2	56.4	62.4	70.2	78.0
-80°	22.2	25.4	29.8	33.6	35.2	36.1	36.5	36.4	41.1	47.3	53.8
-82.5°	12.5	15.0	17.5	19.8	20.4	20.4	20.2	20.3	24.0	28.2	32.5
-85°	4.0	4.6	6.4	8.1	8.9	9.4	9.7	9.6	11.2	13.0	15.0
-87.5°	2.0	2.3	2.6	2.9	3.0	3.0	2.9	2.9	3.0	3.1	3.3
-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: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-VWR-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°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.8	3.5
85°	17.1	18.3	19.5	20.5	21.6	22.5	23.4	24.3	25.1	22.9	20.5
82.5°	36.9	39.9	42.7	45.5	48.3	49.0	49.2	49.1	48.7	44.9	40.7
80°	60.3	65.3	70.0	74.7	79.3	79.8	79.3	78.3	77.0	72.0	66.3
77.5°	85.7	92.0	97.6	102.6	107.2	108.1	107.9	107.7	107.3	102.2	96.1
75°	111.8	118.0	124.0	129.0	133.2	135.2	136.1	136.8	137.2	133.5	128.7
72.5°	142.1	148.6	153.8	158.7	162.9	165.9	168.0	169.6	170.8	169.6	167.7
70°	175.0	181.9	187.7	193.2	198.8	203.4	206.8	209.3	210.8	211.9	212.6
67.5°	212.0	221.2	229.3	236.2	243.0	249.4	254.7	258.9	262.3	265.1	267.2
65°	253.6	265.4	275.9	285.6	294.4	303.7	311.3	317.7	322.8	327.1	330.5
62.5°	297.4	311.9	325.4	338.4	351.2	363.8	373.5	382.3	390.2	396.9	402.3
60°	343.0	359.4	377.5	394.7	410.6	425.2	439.5	452.0	462.7	471.5	478.7
57.5°	391.9	413.2	434.3	455.8	476.0	494.9	512.7	528.3	541.5	552.4	561.5
55°	444.8	471.4	495.9	523.0	549.1	572.8	593.8	612.2	628.1	641.4	652.7
52.5°	502.9	535.3	567.1	597.9	627.5	655.1	680.1	701.6	720.6	736.9	750.0
50°	566.5	603.6	640.5	674.7	708.7	740.5	769.2	794.0	816.2	835.4	850.5
47.5°	633.0	675.3	716.4	755.6	793.2	828.6	859.7	888.0	915.6	938.2	956.0
45°	702.1	749.5	794.9	839.6	881.1	920.7	959.1	994.3	1022.7	1047.5	1068.4
42.5°	772.0	824.8	875.7	924.5	970.2	1015.9	1059.1	1097.6	1130.0	1158.2	1181.9
40°	842.8	900.6	956.7	1010.0	1062.1	1112.0	1158.7	1199.4	1235.9	1269.4	1297.3
37.5°	913.3	976.9	1039.0	1098.7	1156.1	1210.1	1260.6	1306.5	1347.7	1385.9	1416.9
35°	984.1	1053.9	1121.9	1187.5	1250.2	1309.9	1365.1	1417.4	1465.9	1504.6	1536.3
32.5°	1054.6	1129.7	1203.6	1275.9	1344.6	1408.9	1468.7	1526.5	1576.4	1618.9	1655.4
30°	1122.8	1204.1	1284.7	1363.0	1437.2	1506.9	1573.1	1634.2	1687.9	1734.4	1775.3
27.5°	1189.7	1277.1	1363.6	1447.3	1527.5	1603.2	1675.5	1741.7	1800.3	1850.9	1894.0
25°	1253.0	1346.9	1439.1	1527.8	1613.5	1697.0	1775.1	1847.4	1909.9	1965.4	2009.8
22.5°	1313.5	1413.6	1510.4	1603.8	1695.4	1785.5	1870.9	1946.4	2012.7	2070.7	2119.8
20°	1369.9	1477.1	1576.2	1674.9	1771.4	1867.6	1959.3	2039.0	2109.1	2170.9	2225.0
17.5°	1422.5	1532.5	1636.8	1741.9	1843.7	1944.5	2037.7	2123.1	2198.8	2264.4	2321.0
15°	1467.0	1578.2	1692.1	1804.3	1911.6	2013.7	2106.9	2196.0	2280.1	2351.0	2408.4
12.5°	1503.1	1618.7	1737.6	1856.7	1970.1	2072.1	2169.6	2260.1	2348.4	2428.0	2480.8
10°	1533.9	1652.9	1775.6	1897.1	2012.0	2120.0	2226.0	2321.6	2408.4	2479.7	2538.7
7.5°	1560.4	1683.1	1807.7	1929.3	2043.9	2155.5	2264.6	2366.1	2453.7	2520.9	2573.5
5°	1580.0	1705.6	1832.6	1955.4	2071.6	2183.4	2293.1	2393.4	2478.9	2547.2	2604.6
2.5°	1594.1	1720.8	1848.7	1971.7	2090.4	2202.6	2315.0	2416.4	2499.2	2561.8	2616.8
0°	1603.1	1730.0	1858.9	1984.7	2101.3	2209.8	2330.5	2425.6	2511.6	2574.0	2631.3
-2.5°	1594.1	1720.8	1848.7	1971.7	2090.4	2202.6	2315.0	2416.4	2499.2	2561.8	2616.8
-5°	1580.0	1705.6	1832.6	1955.4	2071.6	2183.4	2293.1	2393.4	2478.9	2547.2	2604.6
-7.5°	1560.4	1683.1	1807.7	1929.3	2043.9	2155.5	2264.6	2366.1	2453.7	2520.9	2573.5
-10°	1533.9	1652.9	1775.6	1897.1	2012.0	2120.0	2226.0	2321.6	2408.4	2479.7	2538.7
-12.5°	1503.1	1618.7	1737.6	1856.7	1970.1	2072.1	2169.6	2260.1	2348.4	2428.0	2480.8
-15°	1467.0	1578.2	1692.1	1804.3	1911.6	2013.7	2106.9	2196.0	2280.1	2351.0	2408.4
-17.5°	1422.5	1532.5	1636.8	1741.9	1843.7	1944.5	2037.7	2123.1	2198.8	2264.4	2321.0
-20°	1369.9	1477.1	1576.2	1674.9	1771.4	1867.6	1959.3	2039.0	2109.1	2170.9	2225.0



REPORT NUMBER: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1313.5	1413.6	1510.4	1603.8	1695.4	1785.5	1870.9	1946.4	2012.7	2070.7	2119.8
-25°	1253.0	1346.9	1439.1	1527.8	1613.5	1697.0	1775.1	1847.4	1909.9	1965.4	2009.8
-27.5°	1189.7	1277.1	1363.6	1447.3	1527.5	1603.2	1675.5	1741.7	1800.3	1850.9	1894.0
-30°	1122.8	1204.1	1284.7	1363.0	1437.2	1506.9	1573.1	1634.2	1687.9	1734.4	1775.3
-32.5°	1054.6	1129.7	1203.6	1275.9	1344.6	1408.9	1468.7	1526.5	1576.4	1618.9	1655.4
-35°	984.1	1053.9	1121.9	1187.5	1250.2	1309.9	1365.1	1417.4	1465.9	1504.6	1536.3
-37.5°	913.3	976.9	1039.0	1098.7	1156.1	1210.1	1260.6	1306.5	1347.7	1385.9	1416.9
-40°	842.8	900.6	956.7	1010.0	1062.1	1112.0	1158.7	1199.4	1235.9	1269.4	1297.3
-42.5°	772.0	824.8	875.7	924.5	970.2	1015.9	1059.1	1097.6	1130.0	1158.2	1181.9
-45°	702.1	749.5	794.9	839.6	881.1	920.7	959.1	994.3	1022.7	1047.5	1068.4
-47.5°	633.0	675.3	716.4	755.6	793.2	828.6	859.7	888.0	915.6	938.2	956.0
-50°	566.5	603.6	640.5	674.7	708.7	740.5	769.2	794.0	816.2	835.4	850.5
-52.5°	502.9	535.3	567.1	597.9	627.5	655.1	680.1	701.6	720.6	736.9	750.0
-55°	444.8	471.4	495.9	523.0	549.1	572.8	593.8	612.2	628.1	641.4	652.7
-57.5°	391.9	413.2	434.3	455.8	476.0	494.9	512.7	528.3	541.5	552.4	561.5
-60°	343.0	359.4	377.5	394.7	410.6	425.2	439.5	452.0	462.7	471.5	478.7
-62.5°	297.4	311.9	325.4	338.4	351.2	363.8	373.5	382.3	390.2	396.9	402.3
-65°	253.6	265.4	275.9	285.6	294.4	303.7	311.3	317.7	322.8	327.1	330.5
-67.5°	212.0	221.2	229.3	236.2	243.0	249.4	254.7	258.9	262.3	265.1	267.2
-70°	175.0	181.9	187.7	193.2	198.8	203.4	206.8	209.3	210.8	211.9	212.6
-72.5°	142.1	148.6	153.8	158.7	162.9	165.9	168.0	169.6	170.8	169.6	167.7
-75°	111.8	118.0	124.0	129.0	133.2	135.2	136.1	136.8	137.2	133.5	128.7
-77.5°	85.7	92.0	97.6	102.6	107.2	108.1	107.9	107.7	107.3	102.2	96.1
-80°	60.3	65.3	70.0	74.7	79.3	79.8	79.3	78.3	77.0	72.0	66.3
-82.5°	36.9	39.9	42.7	45.5	48.3	49.0	49.2	49.1	48.7	44.9	40.7
-85°	17.1	18.3	19.5	20.5	21.6	22.5	23.4	24.3	25.1	22.9	20.5
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.8	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



REPORT NUMBER: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-VWR-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°	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.8	4.0	3.9
85°	17.9	15.2	14.3	13.3	14.3	15.2	17.9	20.5	22.9	25.1	24.3
82.5°	36.2	31.6	30.1	28.6	30.1	31.6	36.2	40.7	44.9	48.7	49.1
80°	60.3	54.1	51.6	49.1	51.6	54.1	60.3	66.3	72.0	77.0	78.3
77.5°	89.6	82.7	79.7	76.7	79.7	82.7	89.6	96.1	102.2	107.3	107.7
75°	123.7	118.3	115.0	111.5	115.0	118.3	123.7	128.7	133.5	137.2	136.8
72.5°	165.5	162.8	160.4	157.5	160.4	162.8	165.5	167.7	169.6	170.8	169.6
70°	212.8	212.5	212.9	212.8	212.9	212.5	212.8	212.6	211.9	210.8	209.3
67.5°	268.4	268.4	269.6	270.1	269.6	268.4	268.4	267.2	265.1	262.3	258.9
65°	332.6	333.4	333.1	331.5	333.1	333.4	332.6	330.5	327.1	322.8	317.7
62.5°	406.1	408.3	409.5	409.2	409.5	408.3	406.1	402.3	396.9	390.2	382.3
60°	484.0	487.5	489.2	489.0	489.2	487.5	484.0	478.7	471.5	462.7	452.0
57.5°	568.3	572.7	573.7	571.9	573.7	572.7	568.3	561.5	552.4	541.5	528.3
55°	661.2	666.9	669.0	668.0	669.0	666.9	661.2	652.7	641.4	628.1	612.2
52.5°	759.5	765.7	767.9	766.3	767.9	765.7	759.5	750.0	736.9	720.6	701.6
50°	861.6	869.0	872.0	870.6	872.0	869.0	861.6	850.5	835.4	816.2	794.0
47.5°	970.0	979.9	983.7	981.1	983.7	979.9	970.0	956.0	938.2	915.6	888.0
45°	1084.0	1094.2	1098.2	1095.7	1098.2	1094.2	1084.0	1068.4	1047.5	1022.7	994.3
42.5°	1200.1	1213.4	1219.0	1214.3	1219.0	1213.4	1200.1	1181.9	1158.2	1130.0	1097.6
40°	1318.2	1332.7	1339.4	1336.1	1339.4	1332.7	1318.2	1297.3	1269.4	1235.9	1199.4
37.5°	1439.3	1453.7	1460.8	1460.9	1460.8	1453.7	1439.3	1416.9	1385.9	1347.7	1306.5
35°	1560.9	1578.4	1588.3	1587.8	1588.3	1578.4	1560.9	1536.3	1504.6	1465.9	1417.4
32.5°	1684.2	1703.1	1713.2	1714.6	1713.2	1703.1	1684.2	1655.4	1618.9	1576.4	1526.5
30°	1807.3	1828.1	1839.7	1844.5	1839.7	1828.1	1807.3	1775.3	1734.4	1687.9	1634.2
27.5°	1926.7	1952.2	1969.9	1971.4	1969.9	1952.2	1926.7	1894.0	1850.9	1800.3	1741.7
25°	2042.3	2068.3	2086.4	2090.1	2086.4	2068.3	2042.3	2009.8	1965.4	1909.9	1847.4
22.5°	2156.2	2183.4	2200.1	2206.7	2200.1	2183.4	2156.2	2119.8	2070.7	2012.7	1946.4
20°	2265.0	2294.5	2312.2	2319.2	2312.2	2294.5	2265.0	2225.0	2170.9	2109.1	2039.0
17.5°	2363.4	2394.5	2416.4	2422.6	2416.4	2394.5	2363.4	2321.0	2264.4	2198.8	2123.1
15°	2450.1	2479.6	2500.3	2508.5	2500.3	2479.6	2450.1	2408.4	2351.0	2280.1	2196.0
12.5°	2520.5	2546.9	2563.2	2570.9	2563.2	2546.9	2520.5	2480.8	2428.0	2348.4	2260.1
10°	2575.6	2602.1	2617.6	2628.2	2617.6	2602.1	2575.6	2538.7	2479.7	2408.4	2321.6
7.5°	2623.4	2650.5	2669.5	2684.5	2669.5	2650.5	2623.4	2573.5	2520.9	2453.7	2366.1
5°	2649.8	2695.1	2701.9	2712.1	2701.9	2695.1	2649.8	2604.6	2547.2	2478.9	2393.4
2.5°	2669.9	2702.1	2721.4	2719.2	2721.4	2702.1	2669.9	2616.8	2561.8	2499.2	2416.4
0°	2684.5	2713.1	2720.3	2729.5	2720.3	2713.1	2684.5	2631.3	2574.0	2511.6	2425.6
-2.5°	2669.9	2702.1	2721.4	2719.2	2721.4	2702.1	2669.9	2616.8	2561.8	2499.2	2416.4
-5°	2649.8	2695.1	2701.9	2712.1	2701.9	2695.1	2649.8	2604.6	2547.2	2478.9	2393.4
-7.5°	2623.4	2650.5	2669.5	2684.5	2669.5	2650.5	2623.4	2573.5	2520.9	2453.7	2366.1
-10°	2575.6	2602.1	2617.6	2628.2	2617.6	2602.1	2575.6	2538.7	2479.7	2408.4	2321.6
-12.5°	2520.5	2546.9	2563.2	2570.9	2563.2	2546.9	2520.5	2480.8	2428.0	2348.4	2260.1
-15°	2450.1	2479.6	2500.3	2508.5	2500.3	2479.6	2450.1	2408.4	2351.0	2280.1	2196.0
-17.5°	2363.4	2394.5	2416.4	2422.6	2416.4	2394.5	2363.4	2321.0	2264.4	2198.8	2123.1
-20°	2265.0	2294.5	2312.2	2319.2	2312.2	2294.5	2265.0	2225.0	2170.9	2109.1	2039.0



REPORT NUMBER: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2156.2	2183.4	2200.1	2206.7	2200.1	2183.4	2156.2	2119.8	2070.7	2012.7	1946.4
-25°	2042.3	2068.3	2086.4	2090.1	2086.4	2068.3	2042.3	2009.8	1965.4	1909.9	1847.4
-27.5°	1926.7	1952.2	1969.9	1971.4	1969.9	1952.2	1926.7	1894.0	1850.9	1800.3	1741.7
-30°	1807.3	1828.1	1839.7	1844.5	1839.7	1828.1	1807.3	1775.3	1734.4	1687.9	1634.2
-32.5°	1684.2	1703.1	1713.2	1714.6	1713.2	1703.1	1684.2	1655.4	1618.9	1576.4	1526.5
-35°	1560.9	1578.4	1588.3	1587.8	1588.3	1578.4	1560.9	1536.3	1504.6	1465.9	1417.4
-37.5°	1439.3	1453.7	1460.8	1460.9	1460.8	1453.7	1439.3	1416.9	1385.9	1347.7	1306.5
-40°	1318.2	1332.7	1339.4	1336.1	1339.4	1332.7	1318.2	1297.3	1269.4	1235.9	1199.4
-42.5°	1200.1	1213.4	1219.0	1214.3	1219.0	1213.4	1200.1	1181.9	1158.2	1130.0	1097.6
-45°	1084.0	1094.2	1098.2	1095.7	1098.2	1094.2	1084.0	1068.4	1047.5	1022.7	994.3
-47.5°	970.0	979.9	983.7	981.1	983.7	979.9	970.0	956.0	938.2	915.6	888.0
-50°	861.6	869.0	872.0	870.6	872.0	869.0	861.6	850.5	835.4	816.2	794.0
-52.5°	759.5	765.7	767.9	766.3	767.9	765.7	759.5	750.0	736.9	720.6	701.6
-55°	661.2	666.9	669.0	668.0	669.0	666.9	661.2	652.7	641.4	628.1	612.2
-57.5°	568.3	572.7	573.7	571.9	573.7	572.7	568.3	561.5	552.4	541.5	528.3
-60°	484.0	487.5	489.2	489.0	489.2	487.5	484.0	478.7	471.5	462.7	452.0
-62.5°	406.1	408.3	409.5	409.2	409.5	408.3	406.1	402.3	396.9	390.2	382.3
-65°	332.6	333.4	333.1	331.5	333.1	333.4	332.6	330.5	327.1	322.8	317.7
-67.5°	268.4	268.4	269.6	270.1	269.6	268.4	268.4	267.2	265.1	262.3	258.9
-70°	212.8	212.5	212.9	212.8	212.9	212.5	212.8	212.6	211.9	210.8	209.3
-72.5°	165.5	162.8	160.4	157.5	160.4	162.8	165.5	167.7	169.6	170.8	169.6
-75°	123.7	118.3	115.0	111.5	115.0	118.3	123.7	128.7	133.5	137.2	136.8
-77.5°	89.6	82.7	79.7	76.7	79.7	82.7	89.6	96.1	102.2	107.3	107.7
-80°	60.3	54.1	51.6	49.1	51.6	54.1	60.3	66.3	72.0	77.0	78.3
-82.5°	36.2	31.6	30.1	28.6	30.1	31.6	36.2	40.7	44.9	48.7	49.1
-85°	17.9	15.2	14.3	13.3	14.3	15.2	17.9	20.5	22.9	25.1	24.3
-87.5°	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.8	4.0	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





REPORT NUMBER: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-VWR-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°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	23.4	22.5	21.6	20.5	19.5	18.3	17.1	15.0	13.0	11.2	9.6
82.5°	49.2	49.0	48.3	45.5	42.7	39.9	36.9	32.5	28.2	24.0	20.3
80°	79.3	79.8	79.3	74.7	70.0	65.3	60.3	53.8	47.3	41.1	36.4
77.5°	107.9	108.1	107.2	102.6	97.6	92.0	85.7	78.0	70.2	62.4	56.4
75°	136.1	135.2	133.2	129.0	124.0	118.0	111.8	105.0	97.1	87.9	80.1
72.5°	168.0	165.9	162.9	158.7	153.8	148.6	142.1	134.6	126.3	117.1	108.8
70°	206.8	203.4	198.8	193.2	187.7	181.9	175.0	166.7	157.0	146.9	137.7
67.5°	254.7	249.4	243.0	236.2	229.3	221.2	212.0	201.9	191.9	180.7	168.0
65°	311.3	303.7	294.4	285.6	275.9	265.4	253.6	241.9	229.6	216.2	200.2
62.5°	373.5	363.8	351.2	338.4	325.4	311.9	297.4	283.0	268.4	252.5	234.5
60°	439.5	425.2	410.6	394.7	377.5	359.4	343.0	325.4	306.9	289.0	269.2
57.5°	512.7	494.9	476.0	455.8	434.3	413.2	391.9	369.9	348.9	327.1	304.7
55°	593.8	572.8	549.1	523.0	495.9	471.4	444.8	418.1	392.8	366.3	341.6
52.5°	680.1	655.1	627.5	597.9	567.1	535.3	502.9	472.2	439.4	409.4	379.5
50°	769.2	740.5	708.7	674.7	640.5	603.6	566.5	529.6	492.4	455.6	419.8
47.5°	859.7	828.6	793.2	755.6	716.4	675.3	633.0	588.6	547.5	504.8	464.2
45°	959.1	920.7	881.1	839.6	794.9	749.5	702.1	653.5	604.0	557.1	509.4
42.5°	1059.1	1015.9	970.2	924.5	875.7	824.8	772.0	718.5	664.1	609.9	557.9
40°	1158.7	1112.0	1062.1	1010.0	956.7	900.6	842.8	783.3	724.2	664.7	605.8
37.5°	1260.6	1210.1	1156.1	1098.7	1039.0	976.9	913.3	848.8	783.7	719.6	655.7
35°	1365.1	1309.9	1250.2	1187.5	1121.9	1053.9	984.1	913.5	843.4	774.1	704.9
32.5°	1468.7	1408.9	1344.6	1275.9	1203.6	1129.7	1054.6	978.3	901.6	827.6	753.9
30°	1573.1	1506.9	1437.2	1363.0	1284.7	1204.1	1122.8	1042.0	960.3	878.8	800.9
27.5°	1675.5	1603.2	1527.5	1447.3	1363.6	1277.1	1189.7	1103.6	1016.4	929.8	845.7
25°	1775.1	1697.0	1613.5	1527.8	1439.1	1346.9	1253.0	1161.8	1070.8	978.1	885.9
22.5°	1870.9	1785.5	1695.4	1603.8	1510.4	1413.6	1313.5	1215.2	1121.0	1021.5	925.1
20°	1959.3	1867.6	1771.4	1674.9	1576.2	1477.1	1369.9	1265.3	1163.9	1061.8	960.7
17.5°	2037.7	1944.5	1843.7	1741.9	1636.8	1532.5	1422.5	1310.8	1203.4	1097.5	991.9
15°	2106.9	2013.7	1911.6	1804.3	1692.1	1578.2	1467.0	1351.1	1239.4	1129.2	1020.9
12.5°	2169.6	2072.1	1970.1	1856.7	1737.6	1618.7	1503.1	1386.4	1271.5	1158.1	1046.9
10°	2226.0	2120.0	2012.0	1897.1	1775.6	1652.9	1533.9	1416.0	1298.7	1182.9	1068.3
7.5°	2264.6	2155.5	2043.9	1929.3	1807.7	1683.1	1560.4	1439.8	1320.0	1202.6	1085.0
5°	2293.1	2183.4	2071.6	1955.4	1832.6	1705.6	1580.0	1457.1	1335.1	1217.1	1096.9
2.5°	2315.0	2202.6	2090.4	1971.7	1848.7	1720.8	1594.1	1470.1	1347.1	1227.7	1107.5
0°	2330.5	2209.8	2101.3	1984.7	1858.9	1730.0	1603.1	1478.3	1354.5	1232.8	1113.1
-2.5°	2315.0	2202.6	2090.4	1971.7	1848.7	1720.8	1594.1	1470.1	1347.1	1227.7	1107.5
-5°	2293.1	2183.4	2071.6	1955.4	1832.6	1705.6	1580.0	1457.1	1335.1	1217.1	1096.9
-7.5°	2264.6	2155.5	2043.9	1929.3	1807.7	1683.1	1560.4	1439.8	1320.0	1202.6	1085.0
-10°	2226.0	2120.0	2012.0	1897.1	1775.6	1652.9	1533.9	1416.0	1298.7	1182.9	1068.3
-12.5°	2169.6	2072.1	1970.1	1856.7	1737.6	1618.7	1503.1	1386.4	1271.5	1158.1	1046.9
-15°	2106.9	2013.7	1911.6	1804.3	1692.1	1578.2	1467.0	1351.1	1239.4	1129.2	1020.9
-17.5°	2037.7	1944.5	1843.7	1741.9	1636.8	1532.5	1422.5	1310.8	1203.4	1097.5	991.9
-20°	1959.3	1867.6	1771.4	1674.9	1576.2	1477.1	1369.9	1265.3	1163.9	1061.8	960.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1870.9	1785.5	1695.4	1603.8	1510.4	1413.6	1313.5	1215.2	1121.0	1021.5	925.1
-25°	1775.1	1697.0	1613.5	1527.8	1439.1	1346.9	1253.0	1161.8	1070.8	978.1	885.9
-27.5°	1675.5	1603.2	1527.5	1447.3	1363.6	1277.1	1189.7	1103.6	1016.4	929.8	845.7
-30°	1573.1	1506.9	1437.2	1363.0	1284.7	1204.1	1122.8	1042.0	960.3	878.8	800.9
-32.5°	1468.7	1408.9	1344.6	1275.9	1203.6	1129.7	1054.6	978.3	901.6	827.6	753.9
-35°	1365.1	1309.9	1250.2	1187.5	1121.9	1053.9	984.1	913.5	843.4	774.1	704.9
-37.5°	1260.6	1210.1	1156.1	1098.7	1039.0	976.9	913.3	848.8	783.7	719.6	655.7
-40°	1158.7	1112.0	1062.1	1010.0	956.7	900.6	842.8	783.3	724.2	664.7	605.8
-42.5°	1059.1	1015.9	970.2	924.5	875.7	824.8	772.0	718.5	664.1	609.9	557.9
-45°	959.1	920.7	881.1	839.6	794.9	749.5	702.1	653.5	604.0	557.1	509.4
-47.5°	859.7	828.6	793.2	755.6	716.4	675.3	633.0	588.6	547.5	504.8	464.2
-50°	769.2	740.5	708.7	674.7	640.5	603.6	566.5	529.6	492.4	455.6	419.8
-52.5°	680.1	655.1	627.5	597.9	567.1	535.3	502.9	472.2	439.4	409.4	379.5
-55°	593.8	572.8	549.1	523.0	495.9	471.4	444.8	418.1	392.8	366.3	341.6
-57.5°	512.7	494.9	476.0	455.8	434.3	413.2	391.9	369.9	348.9	327.1	304.7
-60°	439.5	425.2	410.6	394.7	377.5	359.4	343.0	325.4	306.9	289.0	269.2
-62.5°	373.5	363.8	351.2	338.4	325.4	311.9	297.4	283.0	268.4	252.5	234.5
-65°	311.3	303.7	294.4	285.6	275.9	265.4	253.6	241.9	229.6	216.2	200.2
-67.5°	254.7	249.4	243.0	236.2	229.3	221.2	212.0	201.9	191.9	180.7	168.0
-70°	206.8	203.4	198.8	193.2	187.7	181.9	175.0	166.7	157.0	146.9	137.7
-72.5°	168.0	165.9	162.9	158.7	153.8	148.6	142.1	134.6	126.3	117.1	108.8
-75°	136.1	135.2	133.2	129.0	124.0	118.0	111.8	105.0	97.1	87.9	80.1
-77.5°	107.9	108.1	107.2	102.6	97.6	92.0	85.7	78.0	70.2	62.4	56.4
-80°	79.3	79.8	79.3	74.7	70.0	65.3	60.3	53.8	47.3	41.1	36.4
-82.5°	49.2	49.0	48.3	45.5	42.7	39.9	36.9	32.5	28.2	24.0	20.3
-85°	23.4	22.5	21.6	20.5	19.5	18.3	17.1	15.0	13.0	11.2	9.6
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
-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: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-VWR-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°	2.9	3.0	3.0	2.9	2.6	2.3	2.0	1.7	1.6	1.4	1.2
85°	9.7	9.4	8.9	8.1	6.4	4.6	4.0	3.5	3.1	2.8	2.5
82.5°	20.2	20.4	20.4	19.8	17.5	15.0	12.5	9.8	7.3	4.6	3.7
80°	36.5	36.1	35.2	33.6	29.8	25.4	22.2	18.8	15.5	12.1	8.5
77.5°	55.2	53.6	51.6	49.5	45.4	40.6	35.2	29.0	23.7	19.5	15.1
75°	76.0	73.5	70.8	67.2	61.9	56.0	50.0	42.7	34.7	27.1	21.6
72.5°	102.2	96.1	90.7	85.6	79.9	73.3	65.6	56.2	46.5	37.3	28.6
70°	128.7	119.6	111.5	104.5	97.7	90.7	82.3	70.8	58.1	47.2	37.1
67.5°	155.6	144.9	134.0	123.6	115.0	106.8	98.6	85.3	70.7	57.0	45.3
65°	185.3	171.0	157.2	144.3	132.6	122.3	112.8	98.8	82.9	67.5	53.3
62.5°	215.9	197.6	181.2	164.8	150.3	137.8	126.3	110.9	94.6	77.7	61.7
60°	248.1	227.2	205.4	186.3	168.5	152.7	138.8	122.8	105.6	87.5	70.0
57.5°	282.0	257.4	233.0	208.7	187.4	168.4	151.0	134.1	116.3	97.1	77.7
55°	316.3	289.9	261.0	233.6	207.4	184.9	163.8	145.0	126.6	106.6	84.4
52.5°	350.7	321.6	290.6	259.1	229.7	201.5	177.9	155.6	136.2	115.9	91.4
50°	386.6	353.3	320.1	286.0	251.9	221.0	191.6	167.7	145.5	124.7	98.0
47.5°	424.0	386.9	349.9	312.7	276.1	239.6	207.5	179.6	154.5	132.7	104.1
45°	465.0	421.6	380.7	340.4	299.0	259.7	223.7	190.9	164.6	138.9	109.7
42.5°	506.0	458.3	412.5	367.8	323.0	279.7	239.0	204.3	174.4	144.8	114.9
40°	549.6	495.0	444.3	395.7	346.5	298.7	255.9	217.4	183.5	151.0	119.9
37.5°	591.9	532.7	477.0	422.5	369.5	319.2	272.2	229.6	192.1	157.9	124.6
35°	636.8	570.6	507.2	449.4	393.1	338.7	287.5	241.9	202.0	164.7	129.0
32.5°	680.2	607.6	539.7	475.9	415.7	357.0	303.2	255.0	211.6	171.2	133.1
30°	722.8	644.8	570.7	501.0	437.6	376.3	318.9	267.2	220.7	177.5	137.2
27.5°	762.0	679.3	600.5	527.0	459.1	394.6	333.7	278.5	229.4	184.0	142.0
25°	798.5	712.4	629.9	551.9	479.1	411.9	347.4	289.0	238.2	190.8	146.5
22.5°	832.9	743.1	656.5	574.9	497.6	427.8	360.7	300.1	246.5	197.1	150.5
20°	864.1	770.8	680.3	595.7	515.5	442.9	373.6	310.1	254.0	202.7	154.2
17.5°	892.2	796.1	703.1	615.2	532.3	456.3	385.0	318.9	260.6	207.8	157.4
15°	918.3	819.1	723.2	632.3	546.8	468.0	394.9	326.5	266.2	212.2	160.5
12.5°	940.7	838.9	740.3	646.7	559.0	477.9	403.3	332.9	270.9	216.1	163.4
10°	959.1	855.2	754.2	658.5	568.8	486.0	410.1	338.3	275.2	219.6	165.6
7.5°	973.5	867.9	765.0	667.6	576.7	492.8	415.9	342.9	278.8	222.2	167.2
5°	984.3	877.9	774.3	675.3	583.9	498.2	420.1	346.2	281.3	224.0	168.1
2.5°	994.0	885.4	781.7	680.3	588.8	501.7	422.7	348.2	282.9	225.0	168.3
0°	999.5	889.0	785.7	682.4	591.3	503.3	423.5	348.9	283.4	225.1	167.8
-2.5°	994.0	885.4	781.7	680.3	588.8	501.7	422.7	348.2	282.9	225.0	168.3
-5°	984.3	877.9	774.3	675.3	583.9	498.2	420.1	346.2	281.3	224.0	168.1
-7.5°	973.5	867.9	765.0	667.6	576.7	492.8	415.9	342.9	278.8	222.2	167.2
-10°	959.1	855.2	754.2	658.5	568.8	486.0	410.1	338.3	275.2	219.6	165.6
-12.5°	940.7	838.9	740.3	646.7	559.0	477.9	403.3	332.9	270.9	216.1	163.4
-15°	918.3	819.1	723.2	632.3	546.8	468.0	394.9	326.5	266.2	212.2	160.5
-17.5°	892.2	796.1	703.1	615.2	532.3	456.3	385.0	318.9	260.6	207.8	157.4
-20°	864.1	770.8	680.3	595.7	515.5	442.9	373.6	310.1	254.0	202.7	154.2

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	832.9	743.1	656.5	574.9	497.6	427.8	360.7	300.1	246.5	197.1	150.5
-25°	798.5	712.4	629.9	551.9	479.1	411.9	347.4	289.0	238.2	190.8	146.5
-27.5°	762.0	679.3	600.5	527.0	459.1	394.6	333.7	278.5	229.4	184.0	142.0
-30°	722.8	644.8	570.7	501.0	437.6	376.3	318.9	267.2	220.7	177.5	137.2
-32.5°	680.2	607.6	539.7	475.9	415.7	357.0	303.2	255.0	211.6	171.2	133.1
-35°	636.8	570.6	507.2	449.4	393.1	338.7	287.5	241.9	202.0	164.7	129.0
-37.5°	591.9	532.7	477.0	422.5	369.5	319.2	272.2	229.6	192.1	157.9	124.6
-40°	549.6	495.0	444.3	395.7	346.5	298.7	255.9	217.4	183.5	151.0	119.9
-42.5°	506.0	458.3	412.5	367.8	323.0	279.7	239.0	204.3	174.4	144.8	114.9
-45°	465.0	421.6	380.7	340.4	299.0	259.7	223.7	190.9	164.6	138.9	109.7
-47.5°	424.0	386.9	349.9	312.7	276.1	239.6	207.5	179.6	154.5	132.7	104.1
-50°	386.6	353.3	320.1	286.0	251.9	221.0	191.6	167.7	145.5	124.7	98.0
-52.5°	350.7	321.6	290.6	259.1	229.7	201.5	177.9	155.6	136.2	115.9	91.4
-55°	316.3	289.9	261.0	233.6	207.4	184.9	163.8	145.0	126.6	106.6	84.4
-57.5°	282.0	257.4	233.0	208.7	187.4	168.4	151.0	134.1	116.3	97.1	77.7
-60°	248.1	227.2	205.4	186.3	168.5	152.7	138.8	122.8	105.6	87.5	70.0
-62.5°	215.9	197.6	181.2	164.8	150.3	137.8	126.3	110.9	94.6	77.7	61.7
-65°	185.3	171.0	157.2	144.3	132.6	122.3	112.8	98.8	82.9	67.5	53.3
-67.5°	155.6	144.9	134.0	123.6	115.0	106.8	98.6	85.3	70.7	57.0	45.3
-70°	128.7	119.6	111.5	104.5	97.7	90.7	82.3	70.8	58.1	47.2	37.1
-72.5°	102.2	96.1	90.7	85.6	79.9	73.3	65.6	56.2	46.5	37.3	28.6
-75°	76.0	73.5	70.8	67.2	61.9	56.0	50.0	42.7	34.7	27.1	21.6
-77.5°	55.2	53.6	51.6	49.5	45.4	40.6	35.2	29.0	23.7	19.5	15.1
-80°	36.5	36.1	35.2	33.6	29.8	25.4	22.2	18.8	15.5	12.1	8.5
-82.5°	20.2	20.4	20.4	19.8	17.5	15.0	12.5	9.8	7.3	4.6	3.7
-85°	9.7	9.4	8.9	8.1	6.4	4.6	4.0	3.5	3.1	2.8	2.5
-87.5°	2.9	3.0	3.0	2.9	2.6	2.3	2.0	1.7	1.6	1.4	1.2
-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: P626641 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-750-U-VWR-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.8	3.5	2.8	2.1	1.4	0.6	0.0
77.5°	10.4	5.5	3.5	2.7	1.8	0.8	0.0
75°	15.9	9.6	4.6	3.2	2.1	0.9	0.0
72.5°	21.2	13.5	7.3	3.7	2.4	1.1	0.0
70°	26.5	17.3	10.0	4.4	2.8	1.2	0.0
67.5°	32.9	20.9	12.5	6.0	3.1	1.4	0.0
65°	38.9	24.9	14.9	7.6	3.4	1.5	0.0
62.5°	44.7	29.4	17.2	9.1	3.7	1.6	0.0
60°	50.2	33.6	19.3	10.5	4.0	1.8	0.0
57.5°	55.9	37.5	22.2	11.8	4.8	1.9	0.0
55°	61.4	41.2	25.0	13.1	5.5	2.0	0.0
52.5°	66.4	44.7	27.5	14.2	6.3	2.1	0.0
50°	71.1	48.4	29.8	15.3	7.0	2.2	0.0
47.5°	75.4	51.7	32.0	16.3	7.7	2.3	0.0
45°	80.2	54.8	33.9	17.8	8.3	2.4	0.0
42.5°	84.6	57.5	35.6	19.0	8.9	2.5	0.0
40°	88.6	59.9	37.3	20.4	9.5	2.6	0.0
37.5°	92.2	61.9	39.0	21.7	10.0	2.7	0.0
35°	95.3	64.3	40.5	22.9	10.5	2.8	0.0
32.5°	98.2	66.6	41.7	24.0	11.0	2.8	0.0
30°	101.3	68.6	42.7	25.0	11.4	2.9	0.0
27.5°	104.0	70.2	44.2	26.0	11.8	3.0	0.0
25°	106.4	71.5	45.5	26.8	12.2	3.0	0.0
22.5°	108.5	72.9	46.7	27.5	12.5	3.0	0.0
20°	110.2	74.7	47.8	28.2	12.7	3.1	0.0
17.5°	112.3	76.2	48.7	28.7	12.9	3.1	0.0
15°	114.5	77.3	49.4	29.1	13.1	3.1	0.0
12.5°	116.3	78.2	49.9	29.5	13.2	3.1	0.0
10°	117.7	78.7	50.3	29.7	13.3	3.1	0.0
7.5°	118.6	78.9	50.5	29.9	13.4	3.1	0.0
5°	119.1	78.8	50.5	29.9	13.4	3.1	0.0
2.5°	119.1	78.5	50.4	29.9	13.4	3.1	0.0
0°	118.7	77.8	50.1	29.7	13.3	3.1	0.0
-2.5°	119.1	78.5	50.4	29.9	13.4	3.1	0.0
-5°	119.1	78.8	50.5	29.9	13.4	3.1	0.0
-7.5°	118.6	78.9	50.5	29.9	13.4	3.1	0.0
-10°	117.7	78.7	50.3	29.7	13.3	3.1	0.0
-12.5°	116.3	78.2	49.9	29.5	13.2	3.1	0.0
-15°	114.5	77.3	49.4	29.1	13.1	3.1	0.0
-17.5°	112.3	76.2	48.7	28.7	12.9	3.1	0.0
-20°	110.2	74.7	47.8	28.2	12.7	3.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	108.5	72.9	46.7	27.5	12.5	3.0	0.0
-25°	106.4	71.5	45.5	26.8	12.2	3.0	0.0
-27.5°	104.0	70.2	44.2	26.0	11.8	3.0	0.0
-30°	101.3	68.6	42.7	25.0	11.4	2.9	0.0
-32.5°	98.2	66.6	41.7	24.0	11.0	2.8	0.0
-35°	95.3	64.3	40.5	22.9	10.5	2.8	0.0
-37.5°	92.2	61.9	39.0	21.7	10.0	2.7	0.0
-40°	88.6	59.9	37.3	20.4	9.5	2.6	0.0
-42.5°	84.6	57.5	35.6	19.0	8.9	2.5	0.0
-45°	80.2	54.8	33.9	17.8	8.3	2.4	0.0
-47.5°	75.4	51.7	32.0	16.3	7.7	2.3	0.0
-50°	71.1	48.4	29.8	15.3	7.0	2.2	0.0
-52.5°	66.4	44.7	27.5	14.2	6.3	2.1	0.0
-55°	61.4	41.2	25.0	13.1	5.5	2.0	0.0
-57.5°	55.9	37.5	22.2	11.8	4.8	1.9	0.0
-60°	50.2	33.6	19.3	10.5	4.0	1.8	0.0
-62.5°	44.7	29.4	17.2	9.1	3.7	1.6	0.0
-65°	38.9	24.9	14.9	7.6	3.4	1.5	0.0
-67.5°	32.9	20.9	12.5	6.0	3.1	1.4	0.0
-70°	26.5	17.3	10.0	4.4	2.8	1.2	0.0
-72.5°	21.2	13.5	7.3	3.7	2.4	1.1	0.0
-75°	15.9	9.6	4.6	3.2	2.1	0.9	0.0
-77.5°	10.4	5.5	3.5	2.7	1.8	0.8	0.0
-80°	4.8	3.5	2.8	2.1	1.4	0.6	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)