

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: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-750-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3B-750-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N79  
Light Source: (48) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

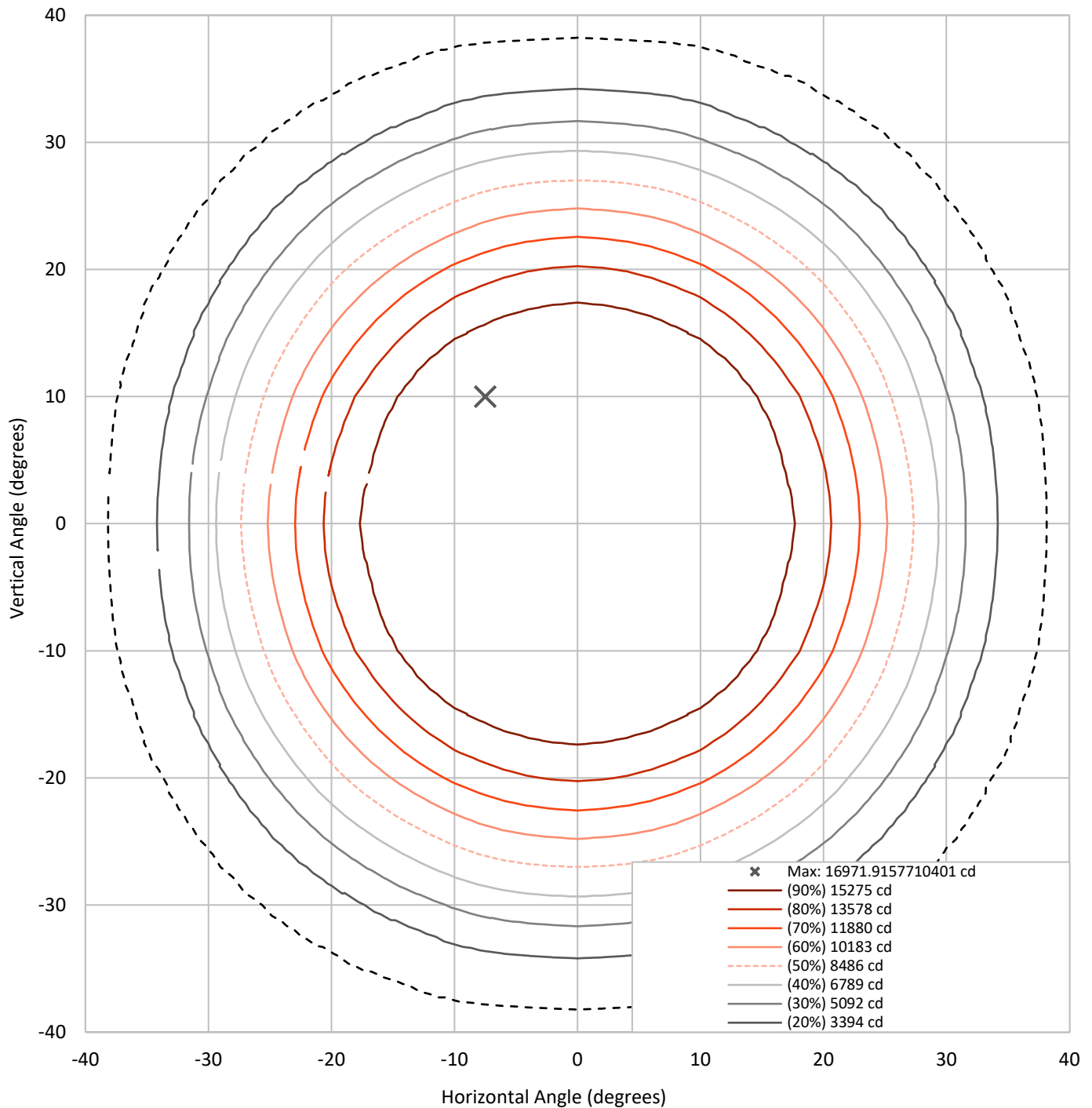
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14444.7 lumens	Max Intensity:	16971.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	154.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	9587.5 lumens	Field Lumens:	12466.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	93.7		
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





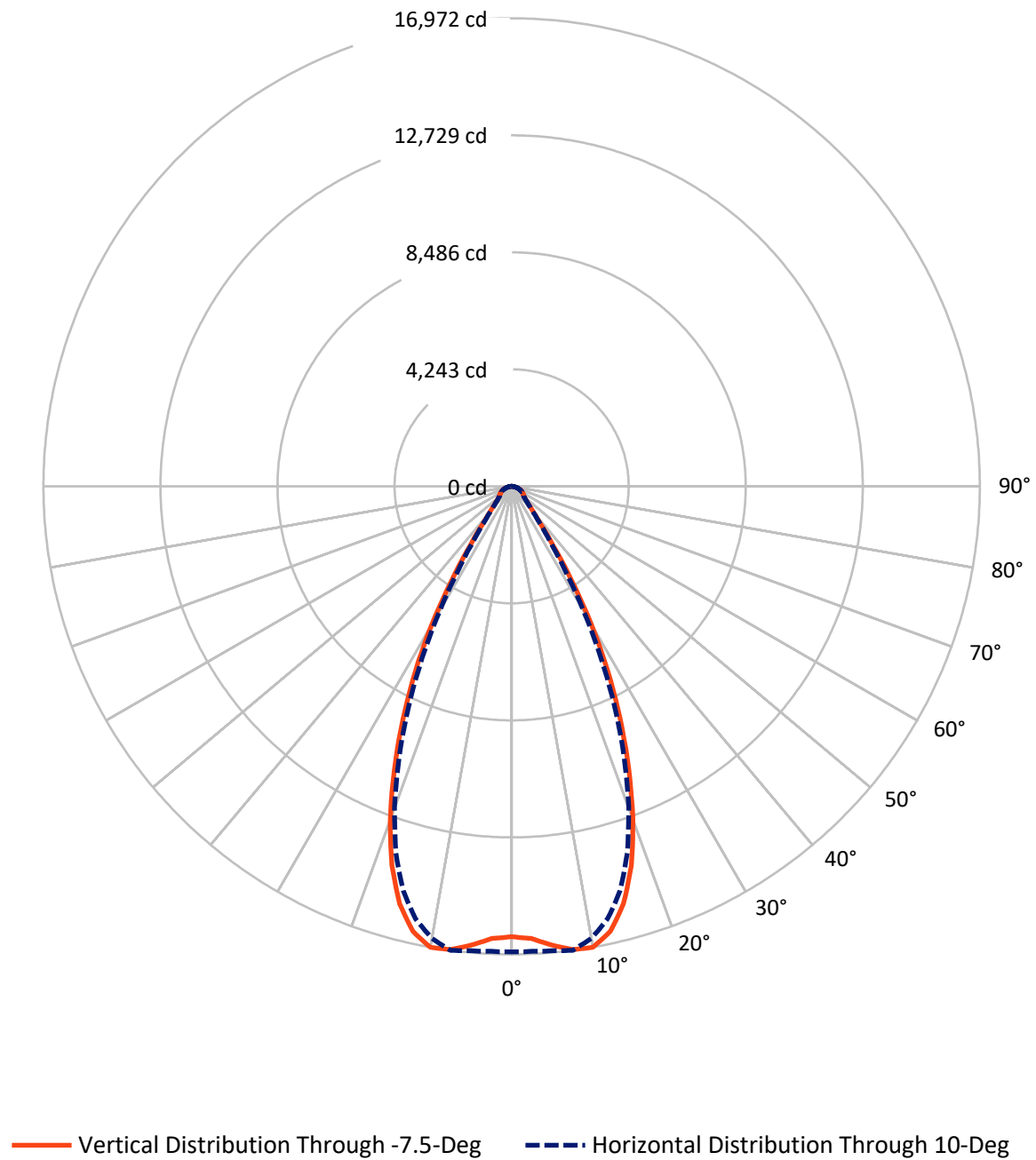
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### Lumen Table

90																			
80	0.4	3.4		9.1		14.3		16.0		14.3		9.1		3.4		0.4			
70																			
60	1.5	1.7	3.5	5.8	8.1	9.8	11.1	11.7	11.7	11.1	9.8	8.1	5.8	3.5	1.7	1.5			
50		2.6	5.2	8.3	11.1	13.5	15.1	15.7	15.7	15.1	13.5	11.1	8.3	5.2	2.6				
40	2.7	3.4	6.6	10.1	13.5	17.6	22.2	25.5	25.5	22.2	17.6	13.5	10.1	6.6	3.4	2.7			
30		4.0	7.7	11.6	18.0	32.8	62.8	93.1	93.1	62.8	32.8	18.0	11.6	7.7	4.0				
20	3.5	4.5	8.4	13.6	29.6	92.7	208.0	290.5	290.5	208.0	92.7	29.6	13.6	8.4	4.5	3.5			
10		4.8	8.8	16.1	53.5	197.7	377.5	472.5	472.5	377.5	197.7	53.5	16.1	8.8	4.8				
0	3.8	4.9	9.0	18.1	77.0	270.5	458.0	498.3	498.3	458.0	270.5	77.0	18.1	9.0	4.9	3.8			
-10		4.9	9.0	18.1	77.0	270.5	458.0	498.3	498.3	458.0	270.5	77.0	18.1	9.0	4.9				
-20	3.5	4.8	8.8	16.1	53.5	197.7	377.5	472.5	472.5	377.5	197.7	53.5	16.1	8.8	4.8	3.5			
-30		4.5	8.4	13.6	29.6	92.7	208.0	290.5	290.5	208.0	92.7	29.6	13.6	8.4	4.5				
-40	2.7	4.0	7.7	11.6	18.0	32.8	62.8	93.1	93.1	62.8	32.8	18.0	11.6	7.7	4.0	2.7			
-50		3.4	6.6	10.1	13.5	17.6	22.2	25.5	25.5	22.2	17.6	13.5	10.1	6.6	3.4				
-60	1.5	2.6	5.2	8.3	11.1	13.5	15.1	15.7	15.7	15.1	13.5	11.1	8.3	5.2	2.6	1.5			
-70		1.7	3.5	5.8	8.1	9.8	11.1	11.7	11.7	11.1	9.8	8.1	5.8	3.5	1.7				
-80																			
-90	0.4	3.4		9.1		14.3		16.0		14.3		9.1		3.4		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

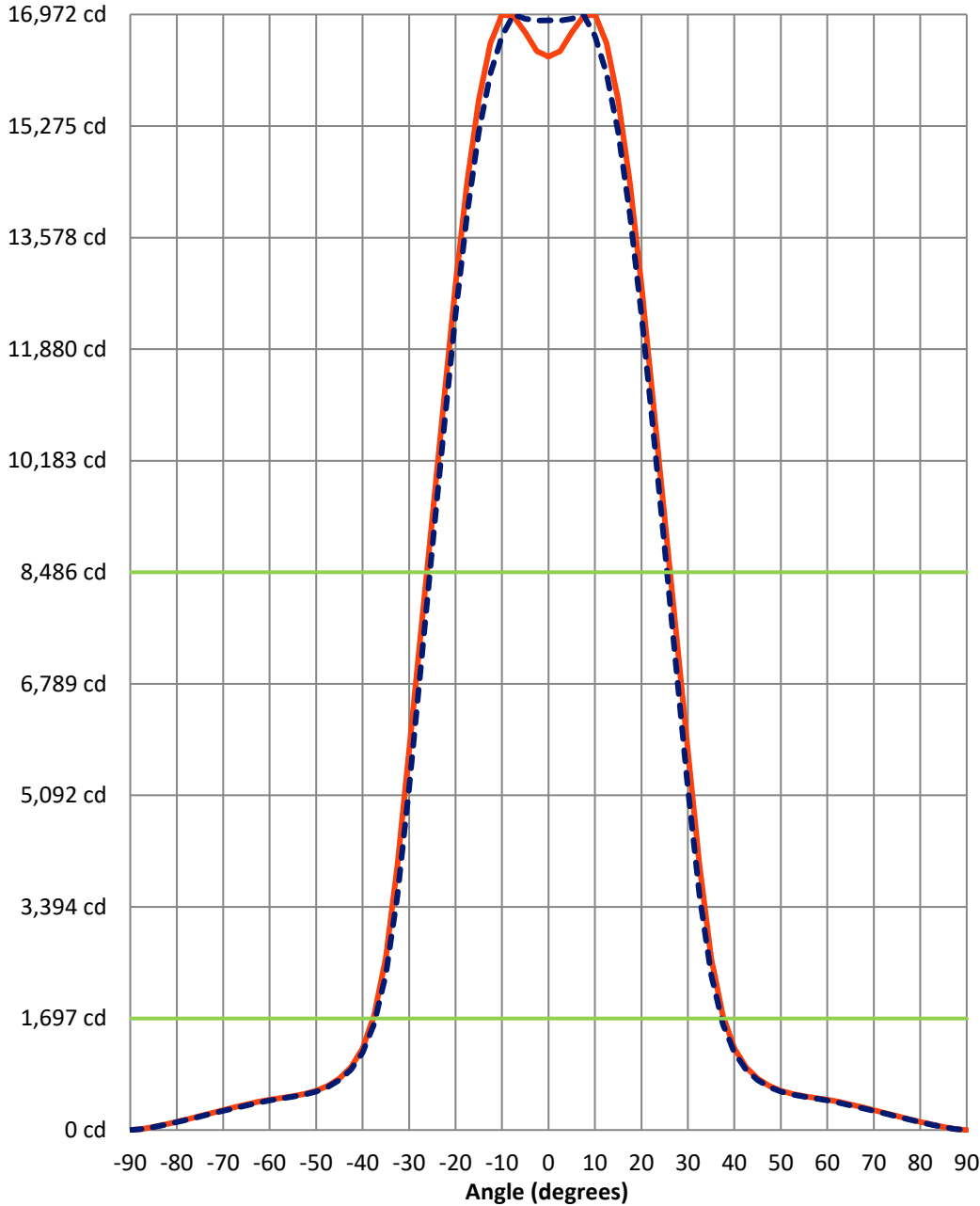
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 9587.5  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 12466.5  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1978.2  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-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	1.3	1.9	2.6	3.2	3.9	4.7	5.6	6.5	7.5
85°	0.0	1.3	2.6	3.9	5.2	6.4	7.7	9.4	11.2	13.0	15.0
82.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.5	14.0	17.0	21.5	25.6
80°	0.0	2.6	5.2	7.7	10.3	12.8	15.9	21.9	27.6	33.0	38.1
77.5°	0.0	3.2	6.4	9.6	12.8	17.3	24.2	31.3	38.1	44.5	51.3
75°	0.0	3.9	7.7	11.5	15.9	24.2	32.4	40.6	48.7	58.1	67.3
72.5°	0.0	4.5	9.0	13.4	21.3	31.0	40.5	50.4	61.4	72.3	83.0
70°	0.0	5.1	10.2	15.7	26.7	37.7	48.7	61.4	74.0	86.4	99.5
67.5°	0.0	5.7	11.4	19.6	32.0	44.3	58.0	72.3	86.4	101.0	115.8
65°	0.0	6.3	12.6	23.5	37.2	51.2	67.1	83.0	98.9	115.2	132.5
62.5°	0.0	6.9	13.7	27.4	42.3	58.5	75.9	93.6	111.1	129.5	150.4
60°	0.0	7.4	14.9	31.1	47.3	65.6	84.6	103.9	123.0	145.1	167.8
57.5°	0.0	8.0	17.3	34.7	52.7	72.6	93.2	113.9	136.0	160.2	184.3
55°	0.0	8.5	19.6	38.3	58.0	79.2	101.7	123.6	148.9	174.7	200.1
52.5°	0.0	9.1	21.8	41.7	63.1	85.8	109.9	134.4	161.3	188.5	215.4
50°	0.0	9.6	24.0	45.1	68.1	92.5	118.0	144.9	173.2	201.9	230.2
47.5°	0.0	10.1	26.1	48.3	72.8	99.1	125.9	155.0	184.7	214.8	244.5
45°	0.0	10.5	28.0	51.7	77.3	105.4	134.1	164.7	195.7	227.1	258.3
42.5°	0.0	11.0	29.9	55.0	81.6	111.5	142.0	173.8	206.2	239.0	271.4
40°	0.0	11.4	31.7	58.0	86.0	117.3	149.4	182.5	216.2	250.3	283.9
37.5°	0.0	11.8	33.3	60.7	90.4	122.9	156.4	190.6	225.9	261.2	296.0
35°	0.0	12.2	34.9	63.3	94.6	128.3	163.0	198.3	235.1	271.5	307.2
32.5°	0.0	12.6	36.4	65.8	98.6	133.4	169.1	205.4	243.8	281.0	317.1
30°	0.0	12.9	37.7	68.1	102.3	138.2	174.8	212.0	252.0	289.8	326.3
27.5°	0.0	13.2	38.9	70.1	105.6	142.6	180.0	218.6	259.5	297.8	334.8
25°	0.0	13.5	40.0	72.0	108.6	146.6	184.7	224.7	266.1	304.8	342.6
22.5°	0.0	13.8	41.0	73.7	111.3	150.2	188.9	230.2	271.9	311.1	349.6
20°	0.0	14.0	41.9	75.3	113.7	153.2	192.6	235.3	277.1	316.7	356.0
17.5°	0.0	14.2	42.6	76.6	115.8	155.8	196.0	239.7	281.6	321.6	361.5
15°	0.0	14.4	43.3	77.7	117.6	158.1	199.1	243.7	285.4	325.8	366.2
12.5°	0.0	14.5	43.8	78.6	119.1	160.0	201.7	247.3	288.8	329.3	370.1
10°	0.0	14.7	44.2	79.4	120.3	161.5	203.9	250.2	291.7	332.6	373.5
7.5°	0.0	14.8	44.5	79.9	121.1	162.6	205.6	252.5	294.0	335.2	376.4
5°	0.0	14.8	44.6	80.2	121.7	163.2	206.9	254.1	295.7	337.1	378.5
2.5°	0.0	14.9	44.7	80.3	121.9	163.5	207.6	255.1	296.7	338.2	379.8
0°	0.0	14.9	44.6	80.2	121.8	163.4	207.9	255.4	297.0	338.6	380.2
-2.5°	0.0	14.9	44.7	80.3	121.9	163.5	207.6	255.1	296.7	338.2	379.8
-5°	0.0	14.8	44.6	80.2	121.7	163.2	206.9	254.1	295.7	337.1	378.5
-7.5°	0.0	14.8	44.5	79.9	121.1	162.6	205.6	252.5	294.0	335.2	376.4
-10°	0.0	14.7	44.2	79.4	120.3	161.5	203.9	250.2	291.7	332.6	373.5
-12.5°	0.0	14.5	43.8	78.6	119.1	160.0	201.7	247.3	288.8	329.3	370.1
-15°	0.0	14.4	43.3	77.7	117.6	158.1	199.1	243.7	285.4	325.8	366.2
-17.5°	0.0	14.2	42.6	76.6	115.8	155.8	196.0	239.7	281.6	321.6	361.5
-20°	0.0	14.0	41.9	75.3	113.7	153.2	192.6	235.3	277.1	316.7	356.0

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CATALOG NUMBER: GFLD-SA3B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.8	41.0	73.7	111.3	150.2	188.9	230.2	271.9	311.1	349.6
-25°	0.0	13.5	40.0	72.0	108.6	146.6	184.7	224.7	266.1	304.8	342.6
-27.5°	0.0	13.2	38.9	70.1	105.6	142.6	180.0	218.6	259.5	297.8	334.8
-30°	0.0	12.9	37.7	68.1	102.3	138.2	174.8	212.0	252.0	289.8	326.3
-32.5°	0.0	12.6	36.4	65.8	98.6	133.4	169.1	205.4	243.8	281.0	317.1
-35°	0.0	12.2	34.9	63.3	94.6	128.3	163.0	198.3	235.1	271.5	307.2
-37.5°	0.0	11.8	33.3	60.7	90.4	122.9	156.4	190.6	225.9	261.2	296.0
-40°	0.0	11.4	31.7	58.0	86.0	117.3	149.4	182.5	216.2	250.3	283.9
-42.5°	0.0	11.0	29.9	55.0	81.6	111.5	142.0	173.8	206.2	239.0	271.4
-45°	0.0	10.5	28.0	51.7	77.3	105.4	134.1	164.7	195.7	227.1	258.3
-47.5°	0.0	10.1	26.1	48.3	72.8	99.1	125.9	155.0	184.7	214.8	244.5
-50°	0.0	9.6	24.0	45.1	68.1	92.5	118.0	144.9	173.2	201.9	230.2
-52.5°	0.0	9.1	21.8	41.7	63.1	85.8	109.9	134.4	161.3	188.5	215.4
-55°	0.0	8.5	19.6	38.3	58.0	79.2	101.7	123.6	148.9	174.7	200.1
-57.5°	0.0	8.0	17.3	34.7	52.7	72.6	93.2	113.9	136.0	160.2	184.3
-60°	0.0	7.4	14.9	31.1	47.3	65.6	84.6	103.9	123.0	145.1	167.8
-62.5°	0.0	6.9	13.7	27.4	42.3	58.5	75.9	93.6	111.1	129.5	150.4
-65°	0.0	6.3	12.6	23.5	37.2	51.2	67.1	83.0	98.9	115.2	132.5
-67.5°	0.0	5.7	11.4	19.6	32.0	44.3	58.0	72.3	86.4	101.0	115.8
-70°	0.0	5.1	10.2	15.7	26.7	37.7	48.7	61.4	74.0	86.4	99.5
-72.5°	0.0	4.5	9.0	13.4	21.3	31.0	40.5	50.4	61.4	72.3	83.0
-75°	0.0	3.9	7.7	11.5	15.9	24.2	32.4	40.6	48.7	58.1	67.3
-77.5°	0.0	3.2	6.4	9.6	12.8	17.3	24.2	31.3	38.1	44.5	51.3
-80°	0.0	2.6	5.2	7.7	10.3	12.8	15.9	21.9	27.6	33.0	38.1
-82.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.5	14.0	17.0	21.5	25.6
-85°	0.0	1.3	2.6	3.9	5.2	6.4	7.7	9.4	11.2	13.0	15.0
-87.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.7	5.6	6.5	7.5
-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°	8.2	8.9	9.6	10.2	10.8	11.4	12.0	12.6	13.1	13.6	14.1
85°	16.4	17.8	20.2	22.6	24.9	27.1	29.3	31.3	33.3	35.2	37.0
82.5°	29.4	33.3	37.2	41.2	44.7	48.1	51.3	54.7	58.1	61.4	64.8
80°	43.3	48.6	54.8	60.6	65.7	70.6	75.2	79.7	84.6	89.9	95.2
77.5°	59.3	66.9	74.1	80.8	87.3	94.4	101.2	107.8	114.6	121.4	127.9
75°	76.4	85.1	94.3	103.4	112.1	120.7	129.0	137.4	146.0	154.5	162.6
72.5°	94.1	105.2	116.0	126.6	137.5	148.1	158.4	168.3	178.5	188.9	198.9
70°	112.5	125.1	138.5	151.4	163.7	176.1	188.6	200.7	212.5	224.6	236.6
67.5°	131.1	146.9	162.0	176.3	190.8	205.4	219.5	233.9	247.9	262.0	275.4
65°	151.5	168.8	185.3	201.6	218.1	235.2	251.9	268.0	284.3	300.0	314.1
62.5°	171.5	189.9	208.1	226.8	246.3	265.6	283.8	302.3	321.2	337.6	351.9
60°	189.9	210.4	230.7	251.9	273.6	294.3	314.8	334.9	355.1	374.0	385.7
57.5°	207.7	230.3	252.9	275.7	298.5	321.6	343.1	365.2	384.1	400.0	413.5
55°	225.0	249.6	273.6	297.6	322.2	346.4	369.8	390.7	409.1	422.4	435.5
52.5°	241.9	267.8	292.6	318.5	344.7	370.3	394.7	414.2	429.3	442.9	455.1
50°	258.2	284.6	310.8	338.9	366.5	393.6	416.6	433.6	449.0	462.2	475.0
47.5°	273.5	301.0	329.0	358.6	387.6	413.8	435.0	452.8	468.5	482.7	497.9
45°	288.3	317.4	347.0	377.5	407.2	432.5	452.9	472.1	486.8	502.9	520.2
42.5°	302.6	333.2	364.2	395.7	425.7	449.4	469.7	487.4	504.6	523.7	544.6
40°	316.2	348.1	380.4	413.2	443.2	464.1	484.0	502.7	523.7	546.4	570.6
37.5°	329.0	362.0	395.6	429.7	456.0	477.6	498.0	518.8	543.2	569.4	602.4
35°	340.9	375.1	409.8	442.5	467.5	490.4	511.5	534.7	563.2	597.5	639.7
32.5°	351.9	387.1	422.9	452.9	478.1	501.9	523.5	552.5	586.7	627.6	687.2
30°	362.1	398.1	434.0	463.1	487.6	511.5	537.9	570.5	610.5	670.2	746.5
27.5°	371.5	408.2	442.8	471.5	496.2	520.8	551.6	591.2	643.9	715.1	810.0
25°	380.2	417.7	451.2	478.6	504.1	531.4	564.9	609.4	678.6	770.6	898.9
22.5°	388.1	426.4	459.2	484.8	511.5	541.1	580.2	635.9	715.7	823.0	988.5
20°	395.1	432.9	465.2	490.5	518.4	549.1	593.9	661.0	757.2	896.2	1107.4
17.5°	401.3	438.6	469.7	496.1	525.0	558.2	607.2	682.7	794.1	960.1	1227.7
15°	406.5	443.5	473.5	500.9	530.8	568.6	625.6	711.0	836.9	1026.5	1332.4
12.5°	410.9	447.5	476.6	504.7	535.6	577.3	641.4	737.8	881.4	1108.1	1486.8
10°	414.4	450.7	479.0	507.7	539.4	584.3	654.2	759.8	918.3	1178.8	1618.6
7.5°	417.6	453.0	480.6	509.9	542.0	589.5	663.9	776.7	946.5	1234.2	1722.8
5°	419.9	454.4	481.6	511.1	544.3	592.9	670.5	788.4	966.0	1273.9	1796.2
2.5°	421.3	454.8	481.8	511.5	545.9	594.4	674.0	794.8	981.4	1292.7	1835.6
0°	421.8	454.4	481.2	510.9	546.5	594.0	674.2	796.0	989.1	1292.0	1841.5
-2.5°	421.3	454.8	481.8	511.5	545.9	594.4	674.0	794.8	981.4	1292.7	1835.6
-5°	419.9	454.4	481.6	511.1	544.3	592.9	670.5	788.4	966.0	1273.9	1796.2
-7.5°	417.6	453.0	480.6	509.9	542.0	589.5	663.9	776.7	946.5	1234.2	1722.8
-10°	414.4	450.7	479.0	507.7	539.4	584.3	654.2	759.8	918.3	1178.8	1618.6
-12.5°	410.9	447.5	476.6	504.7	535.6	577.3	641.4	737.8	881.4	1108.1	1486.8
-15°	406.5	443.5	473.5	500.9	530.8	568.6	625.6	711.0	836.9	1026.5	1332.4
-17.5°	401.3	438.6	469.7	496.1	525.0	558.2	607.2	682.7	794.1	960.1	1227.7
-20°	395.1	432.9	465.2	490.5	518.4	549.1	593.9	661.0	757.2	896.2	1107.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	388.1	426.4	459.2	484.8	511.5	541.1	580.2	635.9	715.7	823.0	988.5
-25°	380.2	417.7	451.2	478.6	504.1	531.4	564.9	609.4	678.6	770.6	898.9
-27.5°	371.5	408.2	442.8	471.5	496.2	520.8	551.6	591.2	643.9	715.1	810.0
-30°	362.1	398.1	434.0	463.1	487.6	511.5	537.9	570.5	610.5	670.2	746.5
-32.5°	351.9	387.1	422.9	452.9	478.1	501.9	523.5	552.5	586.7	627.6	687.2
-35°	340.9	375.1	409.8	442.5	467.5	490.4	511.5	534.7	563.2	597.5	639.7
-37.5°	329.0	362.0	395.6	429.7	456.0	477.6	498.0	518.8	543.2	569.4	602.4
-40°	316.2	348.1	380.4	413.2	443.2	464.1	484.0	502.7	523.7	546.4	570.6
-42.5°	302.6	333.2	364.2	395.7	425.7	449.4	469.7	487.4	504.6	523.7	544.6
-45°	288.3	317.4	347.0	377.5	407.2	432.5	452.9	472.1	486.8	502.9	520.2
-47.5°	273.5	301.0	329.0	358.6	387.6	413.8	435.0	452.8	468.5	482.7	497.9
-50°	258.2	284.6	310.8	338.9	366.5	393.6	416.6	433.6	449.0	462.2	475.0
-52.5°	241.9	267.8	292.6	318.5	344.7	370.3	394.7	414.2	429.3	442.9	455.1
-55°	225.0	249.6	273.6	297.6	322.2	346.4	369.8	390.7	409.1	422.4	435.5
-57.5°	207.7	230.3	252.9	275.7	298.5	321.6	343.1	365.2	384.1	400.0	413.5
-60°	189.9	210.4	230.7	251.9	273.6	294.3	314.8	334.9	355.1	374.0	385.7
-62.5°	171.5	189.9	208.1	226.8	246.3	265.6	283.8	302.3	321.2	337.6	351.9
-65°	151.5	168.8	185.3	201.6	218.1	235.2	251.9	268.0	284.3	300.0	314.1
-67.5°	131.1	146.9	162.0	176.3	190.8	205.4	219.5	233.9	247.9	262.0	275.4
-70°	112.5	125.1	138.5	151.4	163.7	176.1	188.6	200.7	212.5	224.6	236.6
-72.5°	94.1	105.2	116.0	126.6	137.5	148.1	158.4	168.3	178.5	188.9	198.9
-75°	76.4	85.1	94.3	103.4	112.1	120.7	129.0	137.4	146.0	154.5	162.6
-77.5°	59.3	66.9	74.1	80.8	87.3	94.4	101.2	107.8	114.6	121.4	127.9
-80°	43.3	48.6	54.8	60.6	65.7	70.6	75.2	79.7	84.6	89.9	95.2
-82.5°	29.4	33.3	37.2	41.2	44.7	48.1	51.3	54.7	58.1	61.4	64.8
-85°	16.4	17.8	20.2	22.6	24.9	27.1	29.3	31.3	33.3	35.2	37.0
-87.5°	8.2	8.9	9.6	10.2	10.8	11.4	12.0	12.6	13.1	13.6	14.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-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°	14.6	14.4	14.2	13.9	13.5	14.4	15.4	16.3	17.2	16.7	16.1
85°	38.7	39.5	40.3	40.9	41.4	43.2	45.0	46.7	48.2	48.2	48.0
82.5°	68.0	70.2	72.1	73.8	75.3	77.4	79.3	81.0	82.4	83.5	84.4
80°	100.3	103.8	106.8	109.6	112.1	114.9	117.6	119.9	122.0	123.1	123.8
77.5°	134.3	139.5	144.1	148.5	152.7	156.9	160.7	164.0	167.0	167.7	167.5
75°	170.3	177.3	183.8	189.9	195.5	200.3	204.4	207.8	210.6	212.0	212.8
72.5°	208.3	216.9	224.6	231.6	237.5	242.5	246.7	250.4	253.6	255.6	256.7
70°	247.9	258.1	266.0	272.5	277.6	282.5	288.1	293.3	298.3	301.1	302.1
67.5°	287.7	298.2	305.4	311.4	316.0	320.9	327.9	334.1	339.7	343.5	345.9
65°	326.5	337.6	344.9	350.6	354.9	359.7	367.5	373.7	378.5	382.3	385.6
62.5°	364.9	376.1	384.2	391.0	397.2	402.5	408.9	414.2	418.3	422.0	426.2
60°	398.2	411.5	420.0	426.8	434.6	442.9	447.6	451.5	454.9	457.9	460.5
57.5°	425.4	437.2	448.1	456.3	464.4	472.1	477.7	481.4	484.4	486.6	487.5
55°	448.1	460.3	472.5	481.4	489.4	496.6	502.7	507.5	511.5	514.6	515.3
52.5°	468.5	482.2	494.2	504.5	515.0	523.5	530.2	536.7	542.4	547.0	549.0
50°	490.7	505.1	520.0	533.8	544.9	554.7	562.8	572.0	581.7	589.7	594.8
47.5°	514.0	530.6	548.6	565.6	578.7	593.2	606.7	620.4	638.4	653.6	664.8
45°	538.4	559.7	580.2	601.8	620.0	647.3	672.6	694.4	723.3	749.5	770.4
42.5°	567.3	593.7	618.9	653.5	689.8	727.0	767.3	801.7	846.8	892.9	930.0
40°	601.4	635.1	679.6	726.1	783.3	834.5	904.1	966.0	1035.4	1123.1	1195.5
37.5°	642.4	694.5	756.3	821.1	910.3	995.6	1110.5	1231.6	1341.5	1510.2	1652.1
35°	695.8	768.6	849.9	964.6	1091.0	1250.8	1430.0	1663.9	1864.5	2149.0	2420.9
32.5°	764.5	858.1	991.0	1168.1	1354.9	1644.9	1929.3	2335.5	2711.5	3162.5	3649.2
30°	841.1	983.4	1186.5	1429.5	1777.7	2204.5	2705.9	3329.7	4012.3	4646.1	5270.7
27.5°	952.0	1156.0	1422.8	1814.7	2357.5	2954.6	3833.1	4679.8	5563.2	6348.5	7003.4
25°	1081.4	1351.0	1763.6	2340.7	3074.8	4097.3	5148.9	6193.9	7143.9	7966.0	8689.6
22.5°	1248.6	1636.4	2186.4	2933.9	4077.1	5302.5	6535.7	7688.4	8701.7	9617.1	10400.4
20°	1430.5	1915.7	2701.2	3815.9	5123.1	6519.3	7911.7	9139.5	10255.3	11293.3	12176.1
17.5°	1661.0	2340.4	3335.2	4672.4	6183.8	7713.4	9176.2	10508.7	11774.6	12872.9	13795.3
15°	1857.4	2714.6	4012.8	5581.1	7215.9	8829.5	10373.8	11821.1	13137.2	14264.2	15131.3
12.5°	2119.4	3133.9	4614.5	6362.3	8133.8	9831.7	11458.4	12954.2	14293.6	15408.1	16083.2
10°	2367.1	3567.9	5196.0	7018.7	8859.2	10668.2	12405.0	13939.2	15182.7	16069.3	16644.6
7.5°	2577.7	3941.0	5669.0	7549.3	9435.5	11326.8	13085.0	14577.6	15724.2	16464.6	16865.1
5°	2734.9	4219.9	6020.1	7980.4	9916.0	11840.5	13584.9	14986.1	15977.1	16527.2	16728.3
2.5°	2835.1	4383.6	6223.8	8263.2	10237.5	12165.4	13927.8	15307.1	16147.9	16512.5	16547.1
0°	2875.2	4404.8	6255.3	8411.6	10318.5	12258.1	14025.3	15439.2	16211.4	16511.4	16505.5
-2.5°	2835.1	4383.6	6223.8	8263.2	10237.5	12165.4	13927.8	15307.1	16147.9	16512.5	16547.1
-5°	2734.9	4219.9	6020.1	7980.4	9916.0	11840.5	13584.9	14986.1	15977.1	16527.2	16728.3
-7.5°	2577.7	3941.0	5669.0	7549.3	9435.5	11326.8	13085.0	14577.6	15724.2	16464.6	16865.1
-10°	2367.1	3567.9	5196.0	7018.7	8859.2	10668.2	12405.0	13939.2	15182.7	16069.3	16644.6
-12.5°	2119.4	3133.9	4614.5	6362.3	8133.8	9831.7	11458.4	12954.2	14293.6	15408.1	16083.2
-15°	1857.4	2714.6	4012.8	5581.1	7215.9	8829.5	10373.8	11821.1	13137.2	14264.2	15131.3
-17.5°	1661.0	2340.4	3335.2	4672.4	6183.8	7713.4	9176.2	10508.7	11774.6	12872.9	13795.3
-20°	1430.5	1915.7	2701.2	3815.9	5123.1	6519.3	7911.7	9139.5	10255.3	11293.3	12176.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1248.6	1636.4	2186.4	2933.9	4077.1	5302.5	6535.7	7688.4	8701.7	9617.1	10400.4
-25°	1081.4	1351.0	1763.6	2340.7	3074.8	4097.3	5148.9	6193.9	7143.9	7966.0	8689.6
-27.5°	952.0	1156.0	1422.8	1814.7	2357.5	2954.6	3833.1	4679.8	5563.2	6348.5	7003.4
-30°	841.1	983.4	1186.5	1429.5	1777.7	2204.5	2705.9	3329.7	4012.3	4646.1	5270.7
-32.5°	764.5	858.1	991.0	1168.1	1354.9	1644.9	1929.3	2335.5	2711.5	3162.5	3649.2
-35°	695.8	768.6	849.9	964.6	1091.0	1250.8	1430.0	1663.9	1864.5	2149.0	2420.9
-37.5°	642.4	694.5	756.3	821.1	910.3	995.6	1110.5	1231.6	1341.5	1510.2	1652.1
-40°	601.4	635.1	679.6	726.1	783.3	834.5	904.1	966.0	1035.4	1123.1	1195.5
-42.5°	567.3	593.7	618.9	653.5	689.8	727.0	767.3	801.7	846.8	892.9	930.0
-45°	538.4	559.7	580.2	601.8	620.0	647.3	672.6	694.4	723.3	749.5	770.4
-47.5°	514.0	530.6	548.6	565.6	578.7	593.2	606.7	620.4	638.4	653.6	664.8
-50°	490.7	505.1	520.0	533.8	544.9	554.7	562.8	572.0	581.7	589.7	594.8
-52.5°	468.5	482.2	494.2	504.5	515.0	523.5	530.2	536.7	542.4	547.0	549.0
-55°	448.1	460.3	472.5	481.4	489.4	496.6	502.7	507.5	511.5	514.6	515.3
-57.5°	425.4	437.2	448.1	456.3	464.4	472.1	477.7	481.4	484.4	486.6	487.5
-60°	398.2	411.5	420.0	426.8	434.6	442.9	447.6	451.5	454.9	457.9	460.5
-62.5°	364.9	376.1	384.2	391.0	397.2	402.5	408.9	414.2	418.3	422.0	426.2
-65°	326.5	337.6	344.9	350.6	354.9	359.7	367.5	373.7	378.5	382.3	385.6
-67.5°	287.7	298.2	305.4	311.4	316.0	320.9	327.9	334.1	339.7	343.5	345.9
-70°	247.9	258.1	266.0	272.5	277.6	282.5	288.1	293.3	298.3	301.1	302.1
-72.5°	208.3	216.9	224.6	231.6	237.5	242.5	246.7	250.4	253.6	255.6	256.7
-75°	170.3	177.3	183.8	189.9	195.5	200.3	204.4	207.8	210.6	212.0	212.8
-77.5°	134.3	139.5	144.1	148.5	152.7	156.9	160.7	164.0	167.0	167.7	167.5
-80°	100.3	103.8	106.8	109.6	112.1	114.9	117.6	119.9	122.0	123.1	123.8
-82.5°	68.0	70.2	72.1	73.8	75.3	77.4	79.3	81.0	82.4	83.5	84.4
-85°	38.7	39.5	40.3	40.9	41.4	43.2	45.0	46.7	48.2	48.2	48.0
-87.5°	14.6	14.4	14.2	13.9	13.5	14.4	15.4	16.3	17.2	16.7	16.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-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°	15.5	14.8	14.9	14.9	14.9	14.8	15.5	16.1	16.7	17.2	16.3
85°	47.7	47.3	46.0	44.6	46.0	47.3	47.7	48.0	48.2	48.2	46.7
82.5°	85.1	85.7	84.6	83.2	84.6	85.7	85.1	84.4	83.5	82.4	81.0
80°	124.1	124.1	123.1	121.8	123.1	124.1	124.1	123.8	123.1	122.0	119.9
77.5°	166.8	165.6	166.1	166.3	166.1	165.6	166.8	167.5	167.7	167.0	164.0
75°	213.1	212.9	212.2	210.9	212.2	212.9	213.1	212.8	212.0	210.6	207.8
72.5°	257.3	257.3	256.7	255.4	256.7	257.3	257.3	256.7	255.6	253.6	250.4
70°	302.4	301.9	302.6	303.0	302.6	301.9	302.4	302.1	301.1	298.3	293.3
67.5°	347.7	348.9	348.7	347.5	348.7	348.9	347.7	345.9	343.5	339.7	334.1
65°	388.4	390.4	391.7	392.1	391.7	390.4	388.4	385.6	382.3	378.5	373.7
62.5°	429.5	431.8	431.9	430.7	431.9	431.8	429.5	426.2	422.0	418.3	414.2
60°	461.9	462.3	461.8	460.4	461.8	462.3	461.9	460.5	457.9	454.9	451.5
57.5°	487.4	486.6	485.5	484.1	485.5	486.6	487.4	487.5	486.6	484.4	481.4
55°	514.9	513.5	512.3	510.9	512.3	513.5	514.9	515.3	514.6	511.5	507.5
52.5°	549.4	548.7	547.8	546.5	547.8	548.7	549.4	549.0	547.0	542.4	536.7
50°	597.4	598.1	598.0	597.0	598.0	598.1	597.4	594.8	589.7	581.7	572.0
47.5°	671.9	675.9	678.6	680.2	678.6	675.9	671.9	664.8	653.6	638.4	620.4
45°	783.7	791.6	797.3	802.0	797.3	791.6	783.7	770.4	749.5	723.3	694.4
42.5°	956.2	973.9	982.3	980.2	982.3	973.9	956.2	930.0	892.9	846.8	801.7
40°	1243.8	1272.4	1288.3	1301.0	1288.3	1272.4	1243.8	1195.5	1123.1	1035.4	966.0
37.5°	1749.0	1804.6	1833.9	1859.4	1833.9	1804.6	1749.0	1652.1	1510.2	1341.5	1231.6
35°	2624.0	2749.2	2816.2	2839.5	2816.2	2749.2	2624.0	2420.9	2149.0	1864.5	1663.9
32.5°	4027.9	4258.7	4386.4	4485.0	4386.4	4258.7	4027.9	3649.2	3162.5	2711.5	2335.5
30°	5765.2	6069.3	6238.1	6320.6	6238.1	6069.3	5765.2	5270.7	4646.1	4012.3	3329.7
27.5°	7546.2	7891.9	8074.0	8064.1	8074.0	7891.9	7546.2	7003.4	6348.5	5563.2	4679.8
25°	9309.9	9710.3	9891.8	10054.2	9891.8	9710.3	9309.9	8689.6	7966.0	7143.9	6193.9
22.5°	11093.8	11562.0	11817.4	11937.3	11817.4	11562.0	11093.8	10400.4	9617.1	8701.7	7688.4
20°	12856.5	13377.6	13648.9	13766.9	13648.9	13377.6	12856.5	12176.1	11293.3	10255.3	9139.5
17.5°	14419.7	14928.5	15187.0	15296.6	15187.0	14928.5	14419.7	13795.3	12872.9	11774.6	10508.7
15°	15668.0	16043.2	16263.1	16321.3	16263.1	16043.2	15668.0	15131.3	14264.2	13137.2	11821.1
12.5°	16530.8	16676.2	16781.9	16814.4	16781.9	16676.2	16530.8	16083.2	15408.1	14293.6	12954.2
10°	16971.9	16906.3	16879.2	16882.7	16879.2	16906.3	16971.9	16644.6	16069.3	15182.7	13939.2
7.5°	16941.6	16844.5	16649.4	16618.3	16649.4	16844.5	16941.6	16865.1	16464.6	15724.2	14577.6
5°	16698.2	16521.4	16197.6	16104.5	16197.6	16521.4	16698.2	16728.3	16527.2	15977.1	14986.1
2.5°	16414.5	16095.7	15797.4	15605.5	15797.4	16095.7	16414.5	16547.1	16512.5	16147.9	15307.1
0°	16330.2	15961.9	15575.8	15451.0	15575.8	15961.9	16330.2	16505.5	16511.4	16211.4	15439.2
-2.5°	16414.5	16095.7	15797.4	15605.5	15797.4	16095.7	16414.5	16547.1	16512.5	16147.9	15307.1
-5°	16698.2	16521.4	16197.6	16104.5	16197.6	16521.4	16698.2	16728.3	16527.2	15977.1	14986.1
-7.5°	16941.6	16844.5	16649.4	16618.3	16649.4	16844.5	16941.6	16865.1	16464.6	15724.2	14577.6
-10°	16971.9	16906.3	16879.2	16882.7	16879.2	16906.3	16971.9	16644.6	16069.3	15182.7	13939.2
-12.5°	16530.8	16676.2	16781.9	16814.4	16781.9	16676.2	16530.8	16083.2	15408.1	14293.6	12954.2
-15°	15668.0	16043.2	16263.1	16321.3	16263.1	16043.2	15668.0	15131.3	14264.2	13137.2	11821.1
-17.5°	14419.7	14928.5	15187.0	15296.6	15187.0	14928.5	14419.7	13795.3	12872.9	11774.6	10508.7
-20°	12856.5	13377.6	13648.9	13766.9	13648.9	13377.6	12856.5	12176.1	11293.3	10255.3	9139.5



REPORT NUMBER: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11093.8	11562.0	11817.4	11937.3	11817.4	11562.0	11093.8	10400.4	9617.1	8701.7	7688.4
-25°	9309.9	9710.3	9891.8	10054.2	9891.8	9710.3	9309.9	8689.6	7966.0	7143.9	6193.9
-27.5°	7546.2	7891.9	8074.0	8064.1	8074.0	7891.9	7546.2	7003.4	6348.5	5563.2	4679.8
-30°	5765.2	6069.3	6238.1	6320.6	6238.1	6069.3	5765.2	5270.7	4646.1	4012.3	3329.7
-32.5°	4027.9	4258.7	4386.4	4485.0	4386.4	4258.7	4027.9	3649.2	3162.5	2711.5	2335.5
-35°	2624.0	2749.2	2816.2	2839.5	2816.2	2749.2	2624.0	2420.9	2149.0	1864.5	1663.9
-37.5°	1749.0	1804.6	1833.9	1859.4	1833.9	1804.6	1749.0	1652.1	1510.2	1341.5	1231.6
-40°	1243.8	1272.4	1288.3	1301.0	1288.3	1272.4	1243.8	1195.5	1123.1	1035.4	966.0
-42.5°	956.2	973.9	982.3	980.2	982.3	973.9	956.2	930.0	892.9	846.8	801.7
-45°	783.7	791.6	797.3	802.0	797.3	791.6	783.7	770.4	749.5	723.3	694.4
-47.5°	671.9	675.9	678.6	680.2	678.6	675.9	671.9	664.8	653.6	638.4	620.4
-50°	597.4	598.1	598.0	597.0	598.0	598.1	597.4	594.8	589.7	581.7	572.0
-52.5°	549.4	548.7	547.8	546.5	547.8	548.7	549.4	549.0	547.0	542.4	536.7
-55°	514.9	513.5	512.3	510.9	512.3	513.5	514.9	515.3	514.6	511.5	507.5
-57.5°	487.4	486.6	485.5	484.1	485.5	486.6	487.4	487.5	486.6	484.4	481.4
-60°	461.9	462.3	461.8	460.4	461.8	462.3	461.9	460.5	457.9	454.9	451.5
-62.5°	429.5	431.8	431.9	430.7	431.9	431.8	429.5	426.2	422.0	418.3	414.2
-65°	388.4	390.4	391.7	392.1	391.7	390.4	388.4	385.6	382.3	378.5	373.7
-67.5°	347.7	348.9	348.7	347.5	348.7	348.9	347.7	345.9	343.5	339.7	334.1
-70°	302.4	301.9	302.6	303.0	302.6	301.9	302.4	302.1	301.1	298.3	293.3
-72.5°	257.3	257.3	256.7	255.4	256.7	257.3	257.3	256.7	255.6	253.6	250.4
-75°	213.1	212.9	212.2	210.9	212.2	212.9	213.1	212.8	212.0	210.6	207.8
-77.5°	166.8	165.6	166.1	166.3	166.1	165.6	166.8	167.5	167.7	167.0	164.0
-80°	124.1	124.1	123.1	121.8	123.1	124.1	124.1	123.8	123.1	122.0	119.9
-82.5°	85.1	85.7	84.6	83.2	84.6	85.7	85.1	84.4	83.5	82.4	81.0
-85°	47.7	47.3	46.0	44.6	46.0	47.3	47.7	48.0	48.2	48.2	46.7
-87.5°	15.5	14.8	14.9	14.9	14.9	14.8	15.5	16.1	16.7	17.2	16.3
-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: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-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°	15.4	14.4	13.5	13.9	14.2	14.4	14.6	14.1	13.6	13.1	12.6
85°	45.0	43.2	41.4	40.9	40.3	39.5	38.7	37.0	35.2	33.3	31.3
82.5°	79.3	77.4	75.3	73.8	72.1	70.2	68.0	64.8	61.4	58.1	54.7
80°	117.6	114.9	112.1	109.6	106.8	103.8	100.3	95.2	89.9	84.6	79.7
77.5°	160.7	156.9	152.7	148.5	144.1	139.5	134.3	127.9	121.4	114.6	107.8
75°	204.4	200.3	195.5	189.9	183.8	177.3	170.3	162.6	154.5	146.0	137.4
72.5°	246.7	242.5	237.5	231.6	224.6	216.9	208.3	198.9	188.9	178.5	168.3
70°	288.1	282.5	277.6	272.5	266.0	258.1	247.9	236.6	224.6	212.5	200.7
67.5°	327.9	320.9	316.0	311.4	305.4	298.2	287.7	275.4	262.0	247.9	233.9
65°	367.5	359.7	354.9	350.6	344.9	337.6	326.5	314.1	300.0	284.3	268.0
62.5°	408.9	402.5	397.2	391.0	384.2	376.1	364.9	351.9	337.6	321.2	302.3
60°	447.6	442.9	434.6	426.8	420.0	411.5	398.2	385.7	374.0	355.1	334.9
57.5°	477.7	472.1	464.4	456.3	448.1	437.2	425.4	413.5	400.0	384.1	365.2
55°	502.7	496.6	489.4	481.4	472.5	460.3	448.1	435.5	422.4	409.1	390.7
52.5°	530.2	523.5	515.0	504.5	494.2	482.2	468.5	455.1	442.9	429.3	414.2
50°	562.8	554.7	544.9	533.8	520.0	505.1	490.7	475.0	462.2	449.0	433.6
47.5°	606.7	593.2	578.7	565.6	548.6	530.6	514.0	497.9	482.7	468.5	452.8
45°	672.6	647.3	620.0	601.8	580.2	559.7	538.4	520.2	502.9	486.8	472.1
42.5°	767.3	727.0	689.8	653.5	618.9	593.7	567.3	544.6	523.7	504.6	487.4
40°	904.1	834.5	783.3	726.1	679.6	635.1	601.4	570.6	546.4	523.7	502.7
37.5°	1110.5	995.6	910.3	821.1	756.3	694.5	642.4	602.4	569.4	543.2	518.8
35°	1430.0	1250.8	1091.0	964.6	849.9	768.6	695.8	639.7	597.5	563.2	534.7
32.5°	1929.3	1644.9	1354.9	1168.1	991.0	858.1	764.5	687.2	627.6	586.7	552.5
30°	2705.9	2204.5	1777.7	1429.5	1186.5	983.4	841.1	746.5	670.2	610.5	570.5
27.5°	3833.1	2954.6	2357.5	1814.7	1422.8	1156.0	952.0	810.0	715.1	643.9	591.2
25°	5148.9	4097.3	3074.8	2340.7	1763.6	1351.0	1081.4	898.9	770.6	678.6	609.4
22.5°	6535.7	5302.5	4077.1	2933.9	2186.4	1636.4	1248.6	988.5	823.0	715.7	635.9
20°	7911.7	6519.3	5123.1	3815.9	2701.2	1915.7	1430.5	1107.4	896.2	757.2	661.0
17.5°	9176.2	7713.4	6183.8	4672.4	3335.2	2340.4	1661.0	1227.7	960.1	794.1	682.7
15°	10373.8	8829.5	7215.9	5581.1	4012.8	2714.6	1857.4	1332.4	1026.5	836.9	711.0
12.5°	11458.4	9831.7	8133.8	6362.3	4614.5	3133.9	2119.4	1486.8	1108.1	881.4	737.8
10°	12405.0	10668.2	8859.2	7018.7	5196.0	3567.9	2367.1	1618.6	1178.8	918.3	759.8
7.5°	13085.0	11326.8	9435.5	7549.3	5669.0	3941.0	2577.7	1722.8	1234.2	946.5	776.7
5°	13584.9	11840.5	9916.0	7980.4	6020.1	4219.9	2734.9	1796.2	1273.9	966.0	788.4
2.5°	13927.8	12165.4	10237.5	8263.2	6223.8	4383.6	2835.1	1835.6	1292.7	981.4	794.8
0°	14025.3	12258.1	10318.5	8411.6	6255.3	4404.8	2875.2	1841.5	1292.0	989.1	796.0
-2.5°	13927.8	12165.4	10237.5	8263.2	6223.8	4383.6	2835.1	1835.6	1292.7	981.4	794.8
-5°	13584.9	11840.5	9916.0	7980.4	6020.1	4219.9	2734.9	1796.2	1273.9	966.0	788.4
-7.5°	13085.0	11326.8	9435.5	7549.3	5669.0	3941.0	2577.7	1722.8	1234.2	946.5	776.7
-10°	12405.0	10668.2	8859.2	7018.7	5196.0	3567.9	2367.1	1618.6	1178.8	918.3	759.8
-12.5°	11458.4	9831.7	8133.8	6362.3	4614.5	3133.9	2119.4	1486.8	1108.1	881.4	737.8
-15°	10373.8	8829.5	7215.9	5581.1	4012.8	2714.6	1857.4	1332.4	1026.5	836.9	711.0
-17.5°	9176.2	7713.4	6183.8	4672.4	3335.2	2340.4	1661.0	1227.7	960.1	794.1	682.7
-20°	7911.7	6519.3	5123.1	3815.9	2701.2	1915.7	1430.5	1107.4	896.2	757.2	661.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6535.7	5302.5	4077.1	2933.9	2186.4	1636.4	1248.6	988.5	823.0	715.7	635.9
-25°	5148.9	4097.3	3074.8	2340.7	1763.6	1351.0	1081.4	898.9	770.6	678.6	609.4
-27.5°	3833.1	2954.6	2357.5	1814.7	1422.8	1156.0	952.0	810.0	715.1	643.9	591.2
-30°	2705.9	2204.5	1777.7	1429.5	1186.5	983.4	841.1	746.5	670.2	610.5	570.5
-32.5°	1929.3	1644.9	1354.9	1168.1	991.0	858.1	764.5	687.2	627.6	586.7	552.5
-35°	1430.0	1250.8	1091.0	964.6	849.9	768.6	695.8	639.7	597.5	563.2	534.7
-37.5°	1110.5	995.6	910.3	821.1	756.3	694.5	642.4	602.4	569.4	543.2	518.8
-40°	904.1	834.5	783.3	726.1	679.6	635.1	601.4	570.6	546.4	523.7	502.7
-42.5°	767.3	727.0	689.8	653.5	618.9	593.7	567.3	544.6	523.7	504.6	487.4
-45°	672.6	647.3	620.0	601.8	580.2	559.7	538.4	520.2	502.9	486.8	472.1
-47.5°	606.7	593.2	578.7	565.6	548.6	530.6	514.0	497.9	482.7	468.5	452.8
-50°	562.8	554.7	544.9	533.8	520.0	505.1	490.7	475.0	462.2	449.0	433.6
-52.5°	530.2	523.5	515.0	504.5	494.2	482.2	468.5	455.1	442.9	429.3	414.2
-55°	502.7	496.6	489.4	481.4	472.5	460.3	448.1	435.5	422.4	409.1	390.7
-57.5°	477.7	472.1	464.4	456.3	448.1	437.2	425.4	413.5	400.0	384.1	365.2
-60°	447.6	442.9	434.6	426.8	420.0	411.5	398.2	385.7	374.0	355.1	334.9
-62.5°	408.9	402.5	397.2	391.0	384.2	376.1	364.9	351.9	337.6	321.2	302.3
-65°	367.5	359.7	354.9	350.6	344.9	337.6	326.5	314.1	300.0	284.3	268.0
-67.5°	327.9	320.9	316.0	311.4	305.4	298.2	287.7	275.4	262.0	247.9	233.9
-70°	288.1	282.5	277.6	272.5	266.0	258.1	247.9	236.6	224.6	212.5	200.7
-72.5°	246.7	242.5	237.5	231.6	224.6	216.9	208.3	198.9	188.9	178.5	168.3
-75°	204.4	200.3	195.5	189.9	183.8	177.3	170.3	162.6	154.5	146.0	137.4
-77.5°	160.7	156.9	152.7	148.5	144.1	139.5	134.3	127.9	121.4	114.6	107.8
-80°	117.6	114.9	112.1	109.6	106.8	103.8	100.3	95.2	89.9	84.6	79.7
-82.5°	79.3	77.4	75.3	73.8	72.1	70.2	68.0	64.8	61.4	58.1	54.7
-85°	45.0	43.2	41.4	40.9	40.3	39.5	38.7	37.0	35.2	33.3	31.3
-87.5°	15.4	14.4	13.5	13.9	14.2	14.4	14.6	14.1	13.6	13.1	12.6
-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: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-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°	12.0	11.4	10.8	10.2	9.6	8.9	8.2	7.5	6.5	5.6	4.7
85°	29.3	27.1	24.9	22.6	20.2	17.8	16.4	15.0	13.0	11.2	9.4
82.5°	51.3	48.1	44.7	41.2	37.2	33.3	29.4	25.6	21.5	17.0	14.0
80°	75.2	70.6	65.7	60.6	54.8	48.6	43.3	38.1	33.0	27.6	21.9
77.5°	101.2	94.4	87.3	80.8	74.1	66.9	59.3	51.3	44.5	38.1	31.3
75°	129.0	120.7	112.1	103.4	94.3	85.1	76.4	67.3	58.1	48.7	40.6
72.5°	158.4	148.1	137.5	126.6	116.0	105.2	94.1	83.0	72.3	61.4	50.4
70°	188.6	176.1	163.7	151.4	138.5	125.1	112.5	99.5	86.4	74.0	61.4
67.5°	219.5	205.4	190.8	176.3	162.0	146.9	131.1	115.8	101.0	86.4	72.3
65°	251.9	235.2	218.1	201.6	185.3	168.8	151.5	132.5	115.2	98.9	83.0
62.5°	283.8	265.6	246.3	226.8	208.1	189.9	171.5	150.4	129.5	111.1	93.6
60°	314.8	294.3	273.6	251.9	230.7	210.4	189.9	167.8	145.1	123.0	103.9
57.5°	343.1	321.6	298.5	275.7	252.9	230.3	207.7	184.3	160.2	136.0	113.9
55°	369.8	346.4	322.2	297.6	273.6	249.6	225.0	200.1	174.7	148.9	123.6
52.5°	394.7	370.3	344.7	318.5	292.6	267.8	241.9	215.4	188.5	161.3	134.4
50°	416.6	393.6	366.5	338.9	310.8	284.6	258.2	230.2	201.9	173.2	144.9
47.5°	435.0	413.8	387.6	358.6	329.0	301.0	273.5	244.5	214.8	184.7	155.0
45°	452.9	432.5	407.2	377.5	347.0	317.4	288.3	258.3	227.1	195.7	164.7
42.5°	469.7	449.4	425.7	395.7	364.2	333.2	302.6	271.4	239.0	206.2	173.8
40°	484.0	464.1	443.2	413.2	380.4	348.1	316.2	283.9	250.3	216.2	182.5
37.5°	498.0	477.6	456.0	429.7	395.6	362.0	329.0	296.0	261.2	225.9	190.6
35°	511.5	490.4	467.5	442.5	409.8	375.1	340.9	307.2	271.5	235.1	198.3
32.5°	523.5	501.9	478.1	452.9	422.9	387.1	351.9	317.1	281.0	243.8	205.4
30°	537.9	511.5	487.6	463.1	434.0	398.1	362.1	326.3	289.8	252.0	212.0
27.5°	551.6	520.8	496.2	471.5	442.8	408.2	371.5	334.8	297.8	259.5	218.6
25°	564.9	531.4	504.1	478.6	451.2	417.7	380.2	342.6	304.8	266.1	224.7
22.5°	580.2	541.1	511.5	484.8	459.2	426.4	388.1	349.6	311.1	271.9	230.2
20°	593.9	549.1	518.4	490.5	465.2	432.9	395.1	356.0	316.7	277.1	235.3
17.5°	607.2	558.2	525.0	496.1	469.7	438.6	401.3	361.5	321.6	281.6	239.7
15°	625.6	568.6	530.8	500.9	473.5	443.5	406.5	366.2	325.8	285.4	243.7
12.5°	641.4	577.3	535.6	504.7	476.6	447.5	410.9	370.1	329.3	288.8	247.3
10°	654.2	584.3	539.4	507.7	479.0	450.7	414.4	373.5	332.6	291.7	250.2
7.5°	663.9	589.5	542.0	509.9	480.6	453.0	417.6	376.4	335.2	294.0	252.5
5°	670.5	592.9	544.3	511.1	481.6	454.4	419.9	378.5	337.1	295.7	254.1
2.5°	674.0	594.4	545.9	511.5	481.8	454.8	421.3	379.8	338.2	296.7	255.1
0°	674.2	594.0	546.5	510.9	481.2	454.4	421.8	380.2	338.6	297.0	255.4
-2.5°	674.0	594.4	545.9	511.5	481.8	454.8	421.3	379.8	338.2	296.7	255.1
-5°	670.5	592.9	544.3	511.1	481.6	454.4	419.9	378.5	337.1	295.7	254.1
-7.5°	663.9	589.5	542.0	509.9	480.6	453.0	417.6	376.4	335.2	294.0	252.5
-10°	654.2	584.3	539.4	507.7	479.0	450.7	414.4	373.5	332.6	291.7	250.2
-12.5°	641.4	577.3	535.6	504.7	476.6	447.5	410.9	370.1	329.3	288.8	247.3
-15°	625.6	568.6	530.8	500.9	473.5	443.5	406.5	366.2	325.8	285.4	243.7
-17.5°	607.2	558.2	525.0	496.1	469.7	438.6	401.3	361.5	321.6	281.6	239.7
-20°	593.9	549.1	518.4	490.5	465.2	432.9	395.1	356.0	316.7	277.1	235.3

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	580.2	541.1	511.5	484.8	459.2	426.4	388.1	349.6	311.1	271.9	230.2
-25°	564.9	531.4	504.1	478.6	451.2	417.7	380.2	342.6	304.8	266.1	224.7
-27.5°	551.6	520.8	496.2	471.5	442.8	408.2	371.5	334.8	297.8	259.5	218.6
-30°	537.9	511.5	487.6	463.1	434.0	398.1	362.1	326.3	289.8	252.0	212.0
-32.5°	523.5	501.9	478.1	452.9	422.9	387.1	351.9	317.1	281.0	243.8	205.4
-35°	511.5	490.4	467.5	442.5	409.8	375.1	340.9	307.2	271.5	235.1	198.3
-37.5°	498.0	477.6	456.0	429.7	395.6	362.0	329.0	296.0	261.2	225.9	190.6
-40°	484.0	464.1	443.2	413.2	380.4	348.1	316.2	283.9	250.3	216.2	182.5
-42.5°	469.7	449.4	425.7	395.7	364.2	333.2	302.6	271.4	239.0	206.2	173.8
-45°	452.9	432.5	407.2	377.5	347.0	317.4	288.3	258.3	227.1	195.7	164.7
-47.5°	435.0	413.8	387.6	358.6	329.0	301.0	273.5	244.5	214.8	184.7	155.0
-50°	416.6	393.6	366.5	338.9	310.8	284.6	258.2	230.2	201.9	173.2	144.9
-52.5°	394.7	370.3	344.7	318.5	292.6	267.8	241.9	215.4	188.5	161.3	134.4
-55°	369.8	346.4	322.2	297.6	273.6	249.6	225.0	200.1	174.7	148.9	123.6
-57.5°	343.1	321.6	298.5	275.7	252.9	230.3	207.7	184.3	160.2	136.0	113.9
-60°	314.8	294.3	273.6	251.9	230.7	210.4	189.9	167.8	145.1	123.0	103.9
-62.5°	283.8	265.6	246.3	226.8	208.1	189.9	171.5	150.4	129.5	111.1	93.6
-65°	251.9	235.2	218.1	201.6	185.3	168.8	151.5	132.5	115.2	98.9	83.0
-67.5°	219.5	205.4	190.8	176.3	162.0	146.9	131.1	115.8	101.0	86.4	72.3
-70°	188.6	176.1	163.7	151.4	138.5	125.1	112.5	99.5	86.4	74.0	61.4
-72.5°	158.4	148.1	137.5	126.6	116.0	105.2	94.1	83.0	72.3	61.4	50.4
-75°	129.0	120.7	112.1	103.4	94.3	85.1	76.4	67.3	58.1	48.7	40.6
-77.5°	101.2	94.4	87.3	80.8	74.1	66.9	59.3	51.3	44.5	38.1	31.3
-80°	75.2	70.6	65.7	60.6	54.8	48.6	43.3	38.1	33.0	27.6	21.9
-82.5°	51.3	48.1	44.7	41.2	37.2	33.3	29.4	25.6	21.5	17.0	14.0
-85°	29.3	27.1	24.9	22.6	20.2	17.8	16.4	15.0	13.0	11.2	9.4
-87.5°	12.0	11.4	10.8	10.2	9.6	8.9	8.2	7.5	6.5	5.6	4.7
-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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REPORT NUMBER: P627117 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-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°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
85°	7.7	6.4	5.2	3.9	2.6	1.3	0.0
82.5°	11.5	9.6	7.7	5.8	3.9	1.9	0.0
80°	15.9	12.8	10.3	7.7	5.2	2.6	0.0
77.5°	24.2	17.3	12.8	9.6	6.4	3.2	0.0
75°	32.4	24.2	15.9	11.5	7.7	3.9	0.0
72.5°	40.5	31.0	21.3	13.4	9.0	4.5	0.0
70°	48.7	37.7	26.7	15.7	10.2	5.1	0.0
67.5°	58.0	44.3	32.0	19.6	11.4	5.7	0.0
65°	67.1	51.2	37.2	23.5	12.6	6.3	0.0
62.5°	75.9	58.5	42.3	27.4	13.7	6.9	0.0
60°	84.6	65.6	47.3	31.1	14.9	7.4	0.0
57.5°	93.2	72.6	52.7	34.7	17.3	8.0	0.0
55°	101.7	79.2	58.0	38.3	19.6	8.5	0.0
52.5°	109.9	85.8	63.1	41.7	21.8	9.1	0.0
50°	118.0	92.5	68.1	45.1	24.0	9.6	0.0
47.5°	125.9	99.1	72.8	48.3	26.1	10.1	0.0
45°	134.1	105.4	77.3	51.7	28.0	10.5	0.0
42.5°	142.0	111.5	81.6	55.0	29.9	11.0	0.0
40°	149.4	117.3	86.0	58.0	31.7	11.4	0.0
37.5°	156.4	122.9	90.4	60.7	33.3	11.8	0.0
35°	163.0	128.3	94.6	63.3	34.9	12.2	0.0
32.5°	169.1	133.4	98.6	65.8	36.4	12.6	0.0
30°	174.8	138.2	102.3	68.1	37.7	12.9	0.0
27.5°	180.0	142.6	105.6	70.1	38.9	13.2	0.0
25°	184.7	146.6	108.6	72.0	40.0	13.5	0.0
22.5°	188.9	150.2	111.3	73.7	41.0	13.8	0.0
20°	192.6	153.2	113.7	75.3	41.9	14.0	0.0
17.5°	196.0	155.8	115.8	76.6	42.6	14.2	0.0
15°	199.1	158.1	117.6	77.7	43.3	14.4	0.0
12.5°	201.7	160.0	119.1	78.6	43.8	14.5	0.0
10°	203.9	161.5	120.3	79.4	44.2	14.7	0.0
7.5°	205.6	162.6	121.1	79.9	44.5	14.8	0.0
5°	206.9	163.2	121.7	80.2	44.6	14.8	0.0
2.5°	207.6	163.5	121.9	80.3	44.7	14.9	0.0
0°	207.9	163.4	121.8	80.2	44.6	14.9	0.0
-2.5°	207.6	163.5	121.9	80.3	44.7	14.9	0.0
-5°	206.9	163.2	121.7	80.2	44.6	14.8	0.0
-7.5°	205.6	162.6	121.1	79.9	44.5	14.8	0.0
-10°	203.9	161.5	120.3	79.4	44.2	14.7	0.0
-12.5°	201.7	160.0	119.1	78.6	43.8	14.5	0.0
-15°	199.1	158.1	117.6	77.7	43.3	14.4	0.0
-17.5°	196.0	155.8	115.8	76.6	42.6	14.2	0.0
-20°	192.6	153.2	113.7	75.3	41.9	14.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	188.9	150.2	111.3	73.7	41.0	13.8	0.0
-25°	184.7	146.6	108.6	72.0	40.0	13.5	0.0
-27.5°	180.0	142.6	105.6	70.1	38.9	13.2	0.0
-30°	174.8	138.2	102.3	68.1	37.7	12.9	0.0
-32.5°	169.1	133.4	98.6	65.8	36.4	12.6	0.0
-35°	163.0	128.3	94.6	63.3	34.9	12.2	0.0
-37.5°	156.4	122.9	90.4	60.7	33.3	11.8	0.0
-40°	149.4	117.3	86.0	58.0	31.7	11.4	0.0
-42.5°	142.0	111.5	81.6	55.0	29.9	11.0	0.0
-45°	134.1	105.4	77.3	51.7	28.0	10.5	0.0
-47.5°	125.9	99.1	72.8	48.3	26.1	10.1	0.0
-50°	118.0	92.5	68.1	45.1	24.0	9.6	0.0
-52.5°	109.9	85.8	63.1	41.7	21.8	9.1	0.0
-55°	101.7	79.2	58.0	38.3	19.6	8.5	0.0
-57.5°	93.2	72.6	52.7	34.7	17.3	8.0	0.0
-60°	84.6	65.6	47.3	31.1	14.9	7.4	0.0
-62.5°	75.9	58.5	42.3	27.4	13.7	6.9	0.0
-65°	67.1	51.2	37.2	23.5	12.6	6.3	0.0
-67.5°	58.0	44.3	32.0	19.6	11.4	5.7	0.0
-70°	48.7	37.7	26.7	15.7	10.2	5.1	0.0
-72.5°	40.5	31.0	21.3	13.4	9.0	4.5	0.0
-75°	32.4	24.2	15.9	11.5	7.7	3.9	0.0
-77.5°	24.2	17.3	12.8	9.6	6.4	3.2	0.0
-80°	15.9	12.8	10.3	7.7	5.2	2.6	0.0
-82.5°	11.5	9.6	7.7	5.8	3.9	1.9	0.0
-85°	7.7	6.4	5.2	3.9	2.6	1.3	0.0
-87.5°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)