

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: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-740-U-NR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N122  
Light Source: (80) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

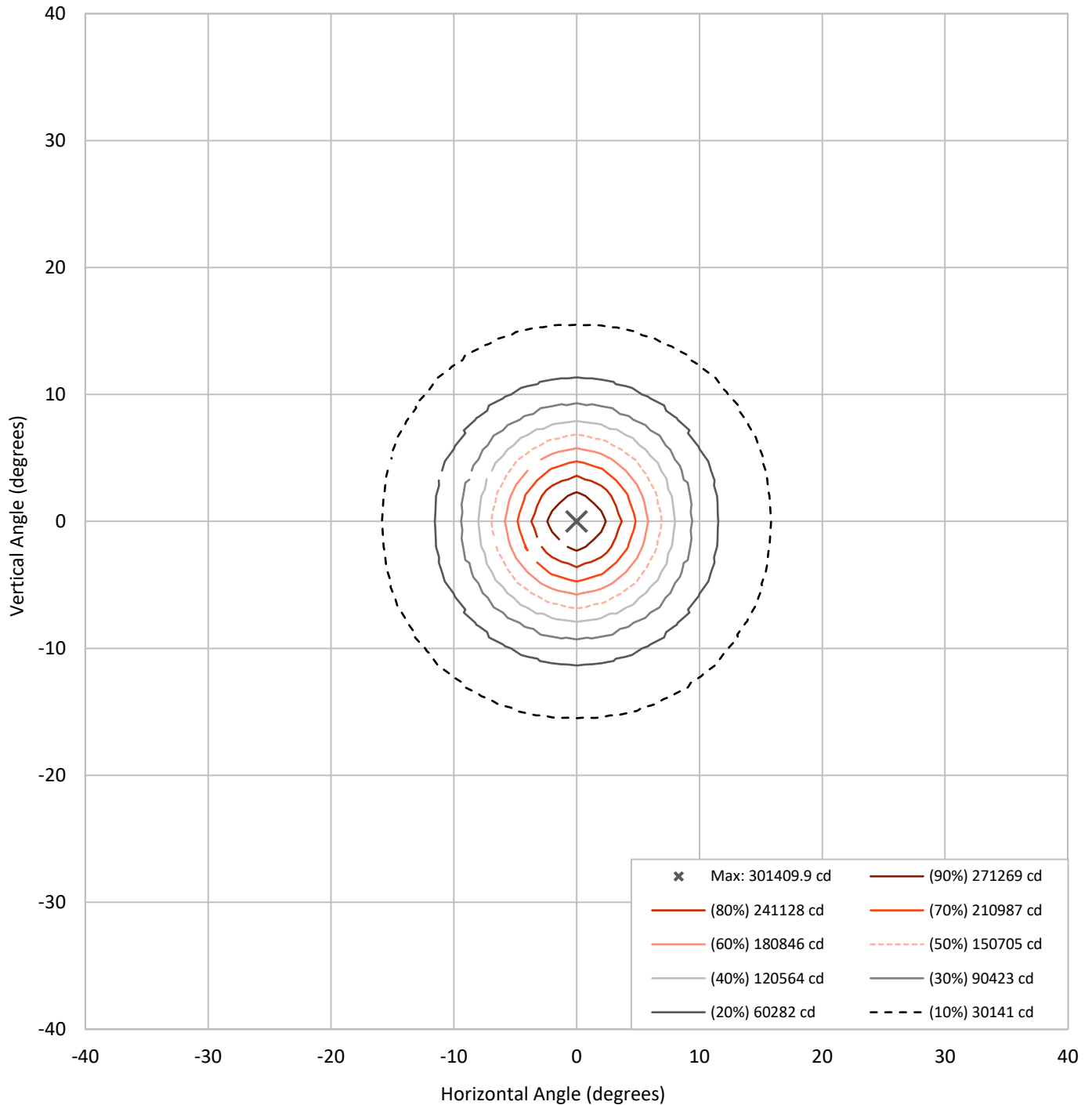
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	32005.3 lumens	Max Intensity:	301409.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	155.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	9462.6 lumens	Field Lumens:	21294.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	206.1		
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





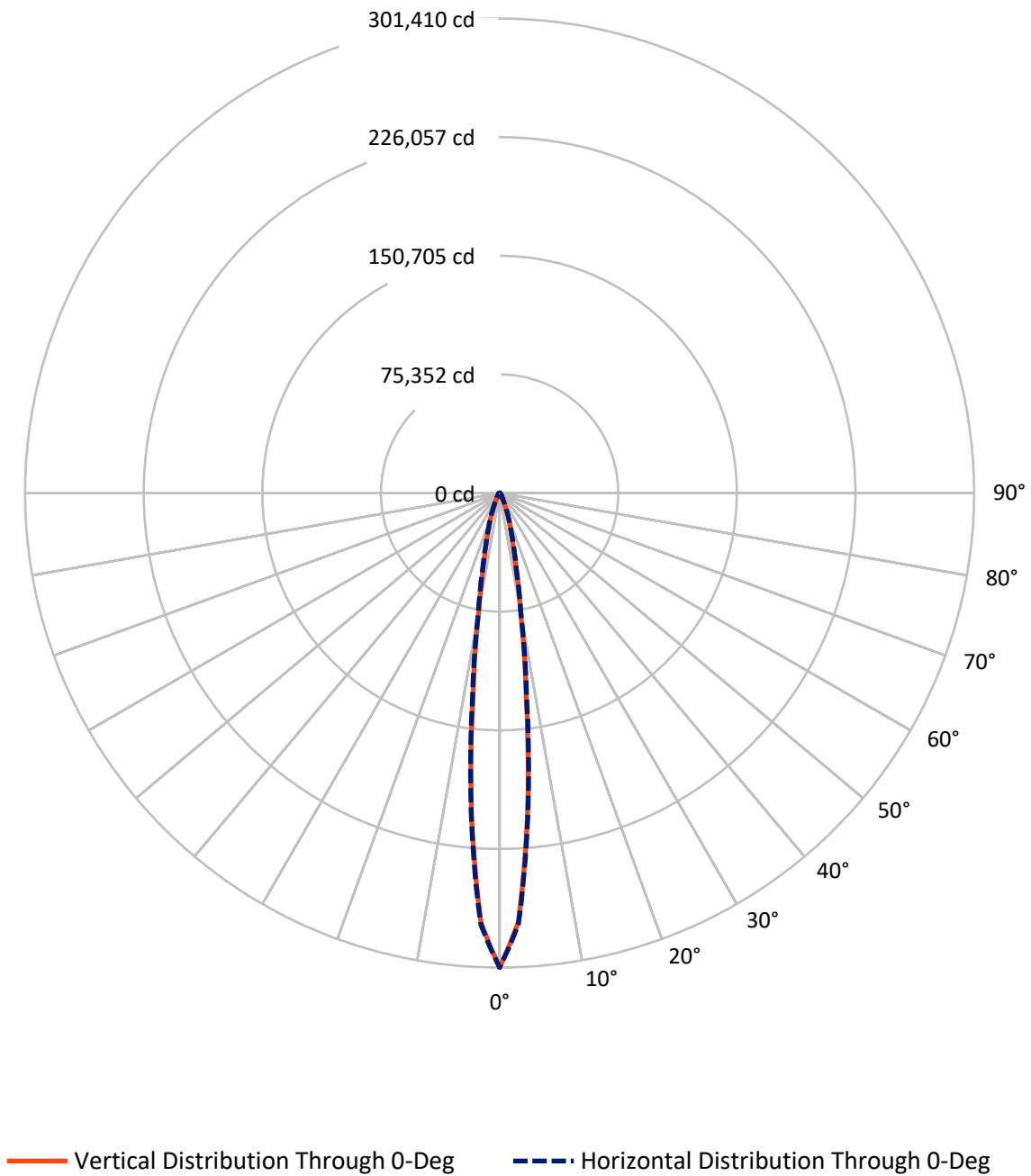
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### Lumen Table

90	0.6	4.4		11.5		18.6		20.3		18.6		11.5		4.4		0.6			
80	0.6	4.4		11.5		18.6		20.3		18.6		11.5		4.4		0.6			
70	2.0	2.2	4.6	7.6	10.7	13.2	14.8	15.4	15.4	14.8	13.2	10.7	7.6	4.6	2.2	2.0			
60		3.4	7.0	11.3	15.1	18.5	20.6	21.5	21.5	20.6	18.5	15.1	11.3	7.0	3.4				
50	3.5	4.4	9.0	13.9	18.5	23.3	27.4	29.6	29.6	27.4	23.3	18.5	13.9	9.0	4.4	3.5			
40		5.4	10.6	16.0	22.8	32.7	46.1	57.1	57.1	46.1	32.7	22.8	16.0	10.6	5.4				
30	4.5	6.0	11.6	18.1	29.5	58.5	133.2	220.4	220.4	133.2	58.5	29.5	18.1	11.6	6.0	4.5			
20		6.5	12.1	19.9	39.1	124.2	440.9	949.7	949.7	440.9	124.2	39.1	19.9	12.1	6.5				
10	4.9	6.7	12.4	21.2	47.3	204.6	958.5	4140.6	4140.6	958.5	204.6	47.3	21.2	12.4	6.7	4.9			
0		6.7	12.4	21.2	47.3	204.6	958.5	4140.6	4140.6	958.5	204.6	47.3	21.2	12.4	6.7				
-10	4.5	6.5	12.1	19.9	39.1	124.2	440.9	949.7	949.7	440.9	124.2	39.1	19.9	12.1	6.5	4.5			
-20		6.0	11.6	18.1	29.5	58.5	133.2	220.4	220.4	133.2	58.5	29.5	18.1	11.6	6.0				
-30	3.5	5.4	10.6	16.0	22.8	32.7	46.1	57.1	57.1	46.1	32.7	22.8	16.0	10.6	5.4	3.5			
-40		4.4	9.0	13.9	18.5	23.3	27.4	29.6	29.6	27.4	23.3	18.5	13.9	9.0	4.4				
-50	2.0	3.4	7.0	11.3	15.1	18.5	20.6	21.5	21.5	20.6	18.5	15.1	11.3	7.0	3.4	2.0			
-60		2.2	4.6	7.6	10.7	13.2	14.8	15.4	15.4	14.8	13.2	10.7	7.6	4.6	2.2				
-70	0.6	4.4		11.5		18.6		20.3		18.6		11.5		4.4		0.6			
-80		4.4		11.5		18.6		20.3		18.6		11.5		4.4					
-90	0.6	4.4		11.5		18.6		20.3		18.6		11.5		4.4		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

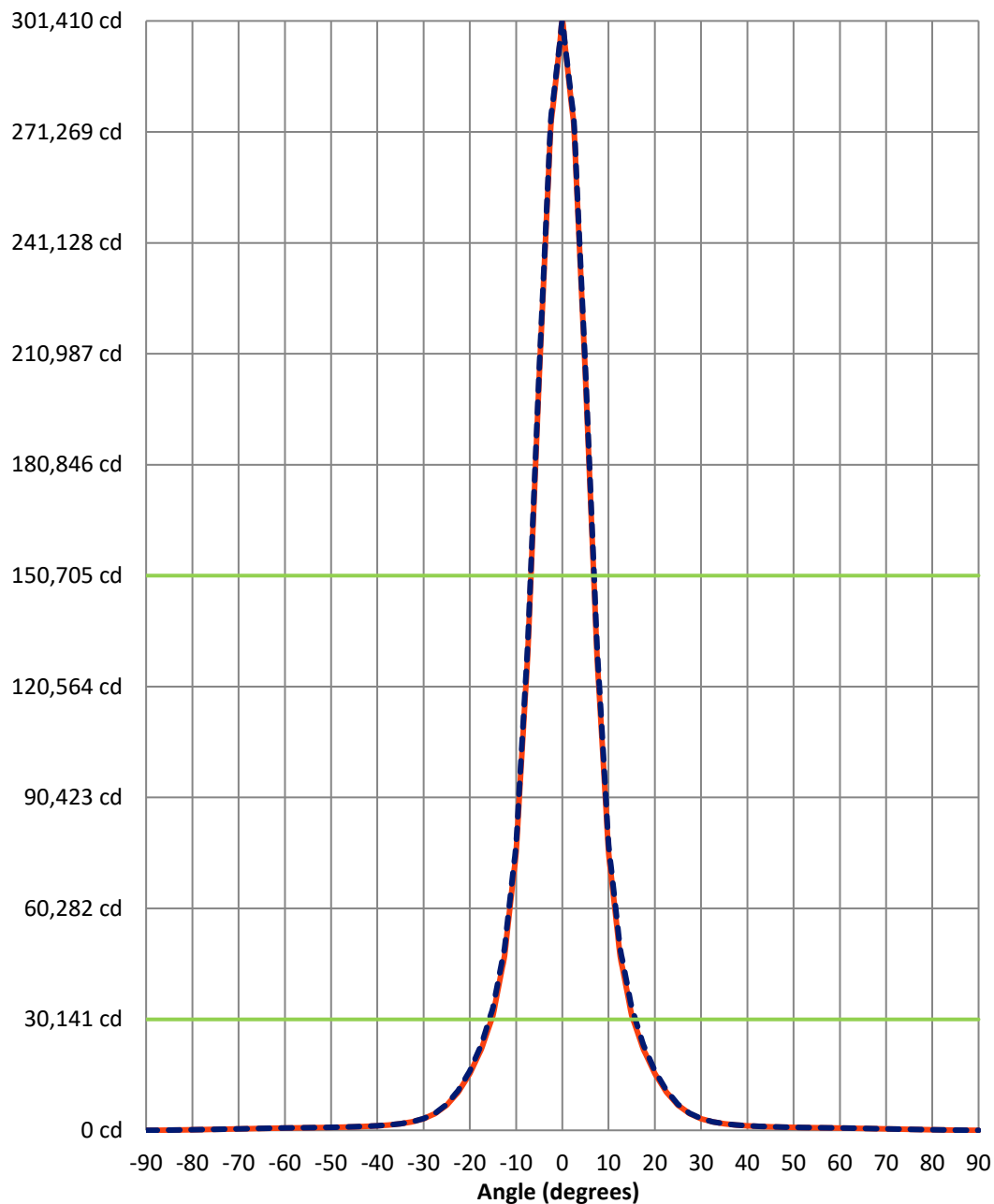
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 9462.6  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 21294.6  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 10710.7  
 Efficiency: 33.5%

— 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	1.0	2.2	3.4	4.5	5.6	6.7	7.8	8.8	9.9	10.9
85°	0.0	2.0	4.5	6.7	8.9	11.2	13.3	15.5	17.6	19.7	21.8
82.5°	0.0	2.9	6.7	10.1	13.4	16.7	20.0	23.2	26.7	31.4	36.1
80°	0.0	3.9	8.9	13.4	17.8	22.2	27.0	33.5	39.8	46.1	52.3
77.5°	0.0	4.9	11.1	16.7	22.2	28.5	36.8	44.9	52.9	60.7	69.1
75°	0.0	5.8	13.2	20.0	26.9	36.3	46.4	56.3	66.0	77.0	87.7
72.5°	0.0	6.7	15.3	23.2	32.8	43.9	55.9	68.0	80.9	93.7	106.2
70°	0.0	7.7	17.4	26.6	38.5	51.4	65.5	80.9	95.7	110.2	126.5
67.5°	0.0	8.6	19.4	30.7	44.2	58.7	76.3	93.7	110.2	128.8	147.1
65°	0.0	9.4	21.3	34.7	49.7	66.7	86.9	106.2	126.5	147.1	168.7
62.5°	0.0	10.3	23.1	38.6	55.0	75.4	97.2	119.7	142.5	165.8	193.0
60°	0.0	11.1	24.9	42.3	60.2	83.8	107.4	133.5	158.2	186.7	216.5
57.5°	0.0	11.9	27.3	46.0	66.7	92.1	118.5	146.8	175.4	206.9	239.3
55°	0.0	12.6	29.5	49.5	73.1	100.1	129.5	159.7	192.5	226.3	261.2
52.5°	0.0	13.4	31.8	52.9	79.3	108.0	140.2	173.5	208.9	245.0	282.3
50°	0.0	14.0	33.9	56.1	85.3	116.6	150.5	187.1	224.6	262.9	302.5
47.5°	0.0	14.7	36.0	59.5	91.1	124.8	160.6	200.2	239.6	279.9	322.3
45°	0.0	15.3	38.1	63.7	96.6	132.8	171.4	212.8	254.0	297.3	341.6
42.5°	0.0	15.9	40.0	67.6	101.9	140.4	181.6	224.9	267.8	314.2	360.4
40°	0.0	16.4	41.9	71.5	107.2	147.6	191.4	236.3	281.3	330.5	378.6
37.5°	0.0	16.9	43.7	75.2	112.7	154.4	200.7	247.2	294.8	345.7	396.3
35°	0.0	17.4	45.4	78.7	117.8	161.4	209.5	257.4	307.4	360.0	413.3
32.5°	0.0	17.8	47.0	82.0	122.6	168.2	217.7	267.0	319.0	373.4	428.2
30°	0.0	18.2	48.6	85.0	127.1	174.5	225.3	276.1	329.5	385.9	441.6
27.5°	0.0	18.5	50.0	87.9	131.4	180.4	232.4	284.7	339.3	397.4	453.7
25°	0.0	18.8	51.3	90.5	135.5	185.7	238.8	292.4	348.6	407.5	464.4
22.5°	0.0	19.1	52.6	92.9	139.1	190.5	244.7	299.2	356.9	416.2	473.8
20°	0.0	19.3	53.7	95.1	142.4	194.7	249.9	305.2	364.2	423.7	482.2
17.5°	0.0	19.4	54.7	97.0	145.3	198.3	254.2	310.4	370.6	430.0	489.6
15°	0.0	19.5	55.6	98.7	147.9	201.2	257.7	314.9	376.1	435.2	496.0
12.5°	0.0	19.6	56.3	100.1	150.0	203.5	260.6	319.1	380.6	439.2	501.4
10°	0.0	19.7	57.0	101.2	151.8	205.3	262.8	322.7	384.2	443.5	506.5
7.5°	0.0	19.6	57.5	102.1	153.2	206.4	264.3	325.5	386.6	447.1	512.5
5°	0.0	19.6	57.8	102.8	154.2	207.0	265.2	327.6	387.9	449.8	517.3
2.5°	0.0	19.5	58.0	103.2	154.8	207.1	265.3	328.9	388.2	451.4	520.9
0°	0.0	19.4	58.1	103.3	155.0	206.6	264.8	329.3	387.5	452.0	523.1
-2.5°	0.0	19.5	58.0	103.2	154.8	207.1	265.3	328.9	388.2	451.4	520.9
-5°	0.0	19.6	57.8	102.8	154.2	207.0	265.2	327.6	387.9	449.8	517.3
-7.5°	0.0	19.6	57.5	102.1	153.2	206.4	264.3	325.5	386.6	447.1	512.5
-10°	0.0	19.7	57.0	101.2	151.8	205.3	262.8	322.7	384.2	443.5	506.5
-12.5°	0.0	19.6	56.3	100.1	150.0	203.5	260.6	319.1	380.6	439.2	501.4
-15°	0.0	19.5	55.6	98.7	147.9	201.2	257.7	314.9	376.1	435.2	496.0
-17.5°	0.0	19.4	54.7	97.0	145.3	198.3	254.2	310.4	370.6	430.0	489.6
-20°	0.0	19.3	53.7	95.1	142.4	194.7	249.9	305.2	364.2	423.7	482.2

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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	19.1	52.6	92.9	139.1	190.5	244.7	299.2	356.9	416.2	473.8
-25°	0.0	18.8	51.3	90.5	135.5	185.7	238.8	292.4	348.6	407.5	464.4
-27.5°	0.0	18.5	50.0	87.9	131.4	180.4	232.4	284.7	339.3	397.4	453.7
-30°	0.0	18.2	48.6	85.0	127.1	174.5	225.3	276.1	329.5	385.9	441.6
-32.5°	0.0	17.8	47.0	82.0	122.6	168.2	217.7	267.0	319.0	373.4	428.2
-35°	0.0	17.4	45.4	78.7	117.8	161.4	209.5	257.4	307.4	360.0	413.3
-37.5°	0.0	16.9	43.7	75.2	112.7	154.4	200.7	247.2	294.8	345.7	396.3
-40°	0.0	16.4	41.9	71.5	107.2	147.6	191.4	236.3	281.3	330.5	378.6
-42.5°	0.0	15.9	40.0	67.6	101.9	140.4	181.6	224.9	267.8	314.2	360.4
-45°	0.0	15.3	38.1	63.7	96.6	132.8	171.4	212.8	254.0	297.3	341.6
-47.5°	0.0	14.7	36.0	59.5	91.1	124.8	160.6	200.2	239.6	279.9	322.3
-50°	0.0	14.0	33.9	56.1	85.3	116.6	150.5	187.1	224.6	262.9	302.5
-52.5°	0.0	13.4	31.8	52.9	79.3	108.0	140.2	173.5	208.9	245.0	282.3
-55°	0.0	12.6	29.5	49.5	73.1	100.1	129.5	159.7	192.5	226.3	261.2
-57.5°	0.0	11.9	27.3	46.0	66.7	92.1	118.5	146.8	175.4	206.9	239.3
-60°	0.0	11.1	24.9	42.3	60.2	83.8	107.4	133.5	158.2	186.7	216.5
-62.5°	0.0	10.3	23.1	38.6	55.0	75.4	97.2	119.7	142.5	165.8	193.0
-65°	0.0	9.4	21.3	34.7	49.7	66.7	86.9	106.2	126.5	147.1	168.7
-67.5°	0.0	8.6	19.4	30.7	44.2	58.7	76.3	93.7	110.2	128.8	147.1
-70°	0.0	7.7	17.4	26.6	38.5	51.4	65.5	80.9	95.7	110.2	126.5
-72.5°	0.0	6.7	15.3	23.2	32.8	43.9	55.9	68.0	80.9	93.7	106.2
-75°	0.0	5.8	13.2	20.0	26.9	36.3	46.4	56.3	66.0	77.0	87.7
-77.5°	0.0	4.9	11.1	16.7	22.2	28.5	36.8	44.9	52.9	60.7	69.1
-80°	0.0	3.9	8.9	13.4	17.8	22.2	27.0	33.5	39.8	46.1	52.3
-82.5°	0.0	2.9	6.7	10.1	13.4	16.7	20.0	23.2	26.7	31.4	36.1
-85°	0.0	2.0	4.5	6.7	8.9	11.2	13.3	15.5	17.6	19.7	21.8
-87.5°	0.0	1.0	2.2	3.4	4.5	5.6	6.7	7.8	8.8	9.9	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.0	19.8	20.5
85°	23.8	25.8	28.7	31.5	33.9	35.9	37.7	39.2	41.8	44.6	47.5
82.5°	40.6	45.1	49.4	53.6	56.5	58.8	61.1	64.4	70.1	75.6	80.6
80°	58.4	64.3	71.0	77.5	83.1	88.8	94.6	100.6	106.9	112.8	118.4
77.5°	77.9	86.5	94.9	103.1	111.3	120.1	128.5	136.7	144.5	152.0	159.1
75°	98.3	108.6	120.0	131.2	142.1	152.7	163.0	174.1	184.7	194.8	204.4
72.5°	119.7	133.5	146.9	160.0	174.2	188.1	201.5	214.4	227.0	240.2	254.0
70°	142.5	158.2	175.7	192.5	208.4	224.9	241.5	255.7	269.3	287.4	306.0
67.5°	166.0	187.2	207.0	225.9	247.0	266.5	283.4	301.5	320.9	341.8	360.1
65°	193.7	216.7	239.7	263.7	288.0	308.3	329.5	351.9	373.8	394.7	414.6
62.5°	221.0	247.0	273.5	299.6	324.6	348.9	374.4	399.4	423.5	447.8	469.2
60°	247.3	276.9	304.8	332.0	360.4	390.6	418.9	446.6	475.4	502.9	517.3
57.5°	272.7	304.3	333.5	364.1	397.3	431.5	461.2	492.6	517.3	536.4	555.0
55°	296.6	329.4	361.4	395.8	432.0	467.5	500.5	528.5	551.3	568.8	588.5
52.5°	319.0	353.6	388.4	425.9	464.4	502.2	536.8	563.0	583.5	601.4	619.9
50°	341.0	377.3	414.0	455.3	496.4	536.7	570.6	594.5	613.9	632.3	651.3
47.5°	362.6	400.7	440.3	484.2	528.8	567.7	599.7	621.6	641.2	662.8	683.6
45°	383.7	425.0	467.0	514.1	558.9	596.3	623.6	645.6	669.8	693.1	715.4
42.5°	404.4	449.0	494.5	543.3	586.6	620.3	645.8	671.8	697.8	722.6	747.8
40°	425.3	471.9	520.2	568.8	612.3	641.4	668.4	696.4	725.1	752.0	780.0
37.5°	445.3	493.6	543.3	592.4	631.9	661.5	689.5	720.4	750.6	780.1	816.4
35°	464.3	513.3	563.4	610.9	649.0	679.6	710.9	743.4	775.1	813.2	854.6
32.5°	481.3	531.0	581.8	626.0	663.3	696.3	731.4	765.3	803.4	846.5	896.2
30°	495.6	546.5	597.5	640.6	677.1	712.0	750.1	787.5	832.1	883.8	943.0
27.5°	508.2	560.4	609.9	653.1	690.2	724.9	765.0	812.2	863.4	921.5	991.1
25°	519.9	574.4	621.7	664.6	700.7	737.0	779.9	832.1	893.7	963.7	1048.8
22.5°	531.0	587.9	633.6	675.5	708.9	748.1	796.4	853.2	920.2	1002.2	1105.8
20°	541.6	598.0	643.2	684.0	715.0	757.8	811.0	871.7	947.8	1045.6	1165.4
17.5°	551.4	606.6	650.7	689.1	723.1	768.1	823.9	886.7	971.8	1085.0	1220.1
15°	560.3	613.9	656.7	693.2	730.3	778.9	837.3	905.3	998.2	1122.5	1268.6
12.5°	568.2	619.7	661.3	696.4	736.1	787.8	849.2	924.8	1026.7	1159.4	1330.1
10°	574.9	624.2	664.5	698.5	740.4	794.6	859.2	940.6	1049.4	1188.0	1377.4
7.5°	580.6	627.8	666.8	699.8	743.2	799.3	866.9	952.6	1065.3	1208.3	1411.6
5°	584.6	630.6	669.5	703.8	747.6	803.0	872.6	960.9	1074.7	1220.4	1432.8
2.5°	586.9	632.3	671.1	707.6	752.4	806.2	876.9	969.9	1082.2	1232.1	1449.0
0°	587.7	632.9	671.6	710.4	755.6	807.2	878.3	975.1	1084.9	1239.9	1459.5
-2.5°	586.9	632.3	671.1	707.6	752.4	806.2	876.9	969.9	1082.2	1232.1	1449.0
-5°	584.6	630.6	669.5	703.8	747.6	803.0	872.6	960.9	1074.7	1220.4	1432.8
-7.5°	580.6	627.8	666.8	699.8	743.2	799.3	866.9	952.6	1065.3	1208.3	1411.6
-10°	574.9	624.2	664.5	698.5	740.4	794.6	859.2	940.6	1049.4	1188.0	1377.4
-12.5°	568.2	619.7	661.3	696.4	736.1	787.8	849.2	924.8	1026.7	1159.4	1330.1
-15°	560.3	613.9	656.7	693.2	730.3	778.9	837.3	905.3	998.2	1122.5	1268.6
-17.5°	551.4	606.6	650.7	689.1	723.1	768.1	823.9	886.7	971.8	1085.0	1220.1
-20°	541.6	598.0	643.2	684.0	715.0	757.8	811.0	871.7	947.8	1045.6	1165.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	531.0	587.9	633.6	675.5	708.9	748.1	796.4	853.2	920.2	1002.2	1105.8
-25°	519.9	574.4	621.7	664.6	700.7	737.0	779.9	832.1	893.7	963.7	1048.8
-27.5°	508.2	560.4	609.9	653.1	690.2	724.9	765.0	812.2	863.4	921.5	991.1
-30°	495.6	546.5	597.5	640.6	677.1	712.0	750.1	787.5	832.1	883.8	943.0
-32.5°	481.3	531.0	581.8	626.0	663.3	696.3	731.4	765.3	803.4	846.5	896.2
-35°	464.3	513.3	563.4	610.9	649.0	679.6	710.9	743.4	775.1	813.2	854.6
-37.5°	445.3	493.6	543.3	592.4	631.9	661.5	689.5	720.4	750.6	780.1	816.4
-40°	425.3	471.9	520.2	568.8	612.3	641.4	668.4	696.4	725.1	752.0	780.0
-42.5°	404.4	449.0	494.5	543.3	586.6	620.3	645.8	671.8	697.8	722.6	747.8
-45°	383.7	425.0	467.0	514.1	558.9	596.3	623.6	645.6	669.8	693.1	715.4
-47.5°	362.6	400.7	440.3	484.2	528.8	567.7	599.7	621.6	641.2	662.8	683.6
-50°	341.0	377.3	414.0	455.3	496.4	536.7	570.6	594.5	613.9	632.3	651.3
-52.5°	319.0	353.6	388.4	425.9	464.4	502.2	536.8	563.0	583.5	601.4	619.9
-55°	296.6	329.4	361.4	395.8	432.0	467.5	500.5	528.5	551.3	568.8	588.5
-57.5°	272.7	304.3	333.5	364.1	397.3	431.5	461.2	492.6	517.3	536.4	555.0
-60°	247.3	276.9	304.8	332.0	360.4	390.6	418.9	446.6	475.4	502.9	517.3
-62.5°	221.0	247.0	273.5	299.6	324.6	348.9	374.4	399.4	423.5	447.8	469.2
-65°	193.7	216.7	239.7	263.7	288.0	308.3	329.5	351.9	373.8	394.7	414.6
-67.5°	166.0	187.2	207.0	225.9	247.0	266.5	283.4	301.5	320.9	341.8	360.1
-70°	142.5	158.2	175.7	192.5	208.4	224.9	241.5	255.7	269.3	287.4	306.0
-72.5°	119.7	133.5	146.9	160.0	174.2	188.1	201.5	214.4	227.0	240.2	254.0
-75°	98.3	108.6	120.0	131.2	142.1	152.7	163.0	174.1	184.7	194.8	204.4
-77.5°	77.9	86.5	94.9	103.1	111.3	120.1	128.5	136.7	144.5	152.0	159.1
-80°	58.4	64.3	71.0	77.5	83.1	88.8	94.6	100.6	106.9	112.8	118.4
-82.5°	40.6	45.1	49.4	53.6	56.5	58.8	61.1	64.4	70.1	75.6	80.6
-85°	23.8	25.8	28.7	31.5	33.9	35.9	37.7	39.2	41.8	44.6	47.5
-87.5°	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.0	19.8	20.5
-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: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-NR-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°	21.1	21.8	22.3	22.9	23.4	23.8	24.2	24.6	24.9	23.6	22.3
85°	50.5	52.4	54.2	55.8	57.3	58.7	59.9	61.0	61.9	61.2	60.2
82.5°	85.1	88.5	91.5	94.4	97.0	99.4	101.6	103.5	105.2	105.0	104.5
80°	123.8	129.3	134.9	140.4	145.8	149.1	151.4	153.2	154.4	155.0	155.1
77.5°	166.3	174.9	183.9	192.7	201.3	206.3	209.8	212.7	215.1	215.6	215.1
75°	213.6	224.6	236.8	247.5	256.7	262.4	266.3	269.6	272.3	273.0	272.7
72.5°	268.4	282.0	293.0	302.0	309.8	315.9	320.8	325.0	328.4	329.9	330.0
70°	322.3	335.8	346.2	355.3	363.0	369.3	375.2	380.3	384.5	387.6	389.8
67.5°	377.0	392.4	403.1	411.3	417.8	424.5	432.4	439.2	444.9	448.8	450.6
65°	433.1	449.0	459.3	468.3	476.3	484.7	493.5	499.9	504.2	506.8	508.5
62.5°	487.5	502.3	515.3	527.3	538.8	548.4	554.4	559.8	564.4	568.2	571.1
60°	534.1	553.1	567.5	579.0	590.3	601.2	608.6	614.4	619.0	622.3	624.4
57.5°	574.0	593.2	610.3	621.5	633.7	646.7	655.2	660.2	664.7	668.6	670.4
55°	608.8	626.5	642.3	657.6	671.3	683.0	692.1	698.7	704.3	708.7	710.2
52.5°	640.1	659.5	678.0	694.2	707.7	718.8	727.8	736.0	742.3	746.6	748.5
50°	673.0	693.8	713.7	731.4	745.2	757.8	769.0	778.7	788.0	795.3	800.6
47.5°	705.4	727.6	749.5	769.0	785.6	803.8	820.2	834.0	847.5	858.4	866.0
45°	738.0	763.7	787.5	812.7	835.1	859.0	881.1	900.2	919.8	934.6	944.6
42.5°	774.3	803.4	832.1	863.4	894.0	925.1	958.7	988.6	1011.7	1033.4	1051.0
40°	813.2	846.5	883.8	922.3	967.4	1008.5	1053.5	1092.3	1127.2	1164.2	1193.6
37.5°	854.6	896.2	945.3	996.8	1055.2	1111.3	1170.2	1228.0	1278.5	1338.0	1383.5
35°	900.4	956.0	1016.4	1086.0	1158.8	1239.2	1319.7	1412.7	1492.7	1580.8	1657.6
32.5°	954.7	1021.1	1100.3	1192.1	1285.6	1407.5	1521.4	1669.5	1797.5	1937.3	2078.0
30°	1010.5	1097.2	1199.5	1315.1	1463.7	1631.4	1818.2	2038.5	2265.6	2485.4	2750.5
27.5°	1079.6	1184.3	1308.2	1477.1	1695.7	1922.3	2243.7	2574.4	2991.9	3337.2	3824.0
25°	1151.4	1274.6	1450.6	1680.4	1965.8	2359.1	2846.7	3375.2	4109.7	4755.1	5512.0
22.5°	1229.6	1395.9	1614.9	1898.5	2331.3	2934.9	3673.2	4668.2	5751.7	6902.0	8046.3
20°	1311.0	1512.3	1799.3	2210.4	2804.2	3621.7	4889.2	6425.2	7973.1	9871.1	11551.8
17.5°	1405.3	1661.5	2015.2	2529.3	3321.7	4574.0	6332.4	8476.7	10878.1	13607.1	16030.1
15°	1483.9	1789.3	2235.8	2955.0	4044.9	5653.1	7870.6	10820.5	14429.1	18094.2	21812.7
12.5°	1575.1	1928.4	2452.8	3310.4	4679.1	6816.5	9834.9	13568.6	18075.3	23159.1	29152.0
10°	1656.1	2065.0	2716.9	3778.3	5451.1	8029.8	11693.0	16185.0	22000.9	29315.2	38595.9
7.5°	1716.1	2173.6	2920.8	4134.5	6118.5	9196.4	13448.7	19050.1	26440.2	36098.6	48835.6
5°	1755.1	2252.3	3065.0	4409.3	6641.0	10064.7	14735.3	21082.2	29997.8	43658.0	65226.5
2.5°	1778.4	2298.9	3147.3	4570.5	6958.7	10639.8	15714.2	22618.8	32303.4	48329.8	75768.8
0°	1788.8	2311.9	3196.6	4656.1	7064.8	10862.0	16163.8	23319.0	33335.0	49421.3	77622.4
-2.5°	1778.4	2298.9	3147.3	4570.5	6958.7	10639.8	15714.2	22618.8	32303.4	48329.8	75768.8
-5°	1755.1	2252.3	3065.0	4409.3	6641.0	10064.7	14735.3	21082.2	29997.8	43658.0	65226.5
-7.5°	1716.1	2173.6	2920.8	4134.5	6118.5	9196.4	13448.7	19050.1	26440.2	36098.6	48835.6
-10°	1656.1	2065.0	2716.9	3778.3	5451.1	8029.8	11693.0	16185.0	22000.9	29315.2	38595.9
-12.5°	1575.1	1928.4	2452.8	3310.4	4679.1	6816.5	9834.9	13568.6	18075.3	23159.1	29152.0
-15°	1483.9	1789.3	2235.8	2955.0	4044.9	5653.1	7870.6	10820.5	14429.1	18094.2	21812.7
-17.5°	1405.3	1661.5	2015.2	2529.3	3321.7	4574.0	6332.4	8476.7	10878.1	13607.1	16030.1
-20°	1311.0	1512.3	1799.3	2210.4	2804.2	3621.7	4889.2	6425.2	7973.1	9871.1	11551.8



REPORT NUMBER: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1229.6	1395.9	1614.9	1898.5	2331.3	2934.9	3673.2	4668.2	5751.7	6902.0	8046.3
-25°	1151.4	1274.6	1450.6	1680.4	1965.8	2359.1	2846.7	3375.2	4109.7	4755.1	5512.0
-27.5°	1079.6	1184.3	1308.2	1477.1	1695.7	1922.3	2243.7	2574.4	2991.9	3337.2	3824.0
-30°	1010.5	1097.2	1199.5	1315.1	1463.7	1631.4	1818.2	2038.5	2265.6	2485.4	2750.5
-32.5°	954.7	1021.1	1100.3	1192.1	1285.6	1407.5	1521.4	1669.5	1797.5	1937.3	2078.0
-35°	900.4	956.0	1016.4	1086.0	1158.8	1239.2	1319.7	1412.7	1492.7	1580.8	1657.6
-37.5°	854.6	896.2	945.3	996.8	1055.2	1111.3	1170.2	1228.0	1278.5	1338.0	1383.5
-40°	813.2	846.5	883.8	922.3	967.4	1008.5	1053.5	1092.3	1127.2	1164.2	1193.6
-42.5°	774.3	803.4	832.1	863.4	894.0	925.1	958.7	988.6	1011.7	1033.4	1051.0
-45°	738.0	763.7	787.5	812.7	835.1	859.0	881.1	900.2	919.8	934.6	944.6
-47.5°	705.4	727.6	749.5	769.0	785.6	803.8	820.2	834.0	847.5	858.4	866.0
-50°	673.0	693.8	713.7	731.4	745.2	757.8	769.0	778.7	788.0	795.3	800.6
-52.5°	640.1	659.5	678.0	694.2	707.7	718.8	727.8	736.0	742.3	746.6	748.5
-55°	608.8	626.5	642.3	657.6	671.3	683.0	692.1	698.7	704.3	708.7	710.2
-57.5°	574.0	593.2	610.3	621.5	633.7	646.7	655.2	660.2	664.7	668.6	670.4
-60°	534.1	553.1	567.5	579.0	590.3	601.2	608.6	614.4	619.0	622.3	624.4
-62.5°	487.5	502.3	515.3	527.3	538.8	548.4	554.4	559.8	564.4	568.2	571.1
-65°	433.1	449.0	459.3	468.3	476.3	484.7	493.5	499.9	504.2	506.8	508.5
-67.5°	377.0	392.4	403.1	411.3	417.8	424.5	432.4	439.2	444.9	448.8	450.6
-70°	322.3	335.8	346.2	355.3	363.0	369.3	375.2	380.3	384.5	387.6	389.8
-72.5°	268.4	282.0	293.0	302.0	309.8	315.9	320.8	325.0	328.4	329.9	330.0
-75°	213.6	224.6	236.8	247.5	256.7	262.4	266.3	269.6	272.3	273.0	272.7
-77.5°	166.3	174.9	183.9	192.7	201.3	206.3	209.8	212.7	215.1	215.6	215.1
-80°	123.8	129.3	134.9	140.4	145.8	149.1	151.4	153.2	154.4	155.0	155.1
-82.5°	85.1	88.5	91.5	94.4	97.0	99.4	101.6	103.5	105.2	105.0	104.5
-85°	50.5	52.4	54.2	55.8	57.3	58.7	59.9	61.0	61.9	61.2	60.2
-87.5°	21.1	21.8	22.3	22.9	23.4	23.8	24.2	24.6	24.9	23.6	22.3
-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: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-NR-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°	20.8	19.3	19.4	19.4	19.4	19.3	20.8	22.3	23.6	24.9	24.6
85°	59.1	57.8	58.0	58.1	58.0	57.8	59.1	60.2	61.2	61.9	61.0
82.5°	103.8	102.8	103.2	103.3	103.2	102.8	103.8	104.5	105.0	105.2	103.5
80°	154.9	154.3	151.6	148.5	151.6	154.3	154.9	155.1	155.0	154.4	153.2
77.5°	214.0	212.1	209.6	206.6	209.6	212.1	214.0	215.1	215.6	215.1	212.7
75°	271.7	270.1	270.8	271.2	270.8	270.1	271.7	272.7	273.0	272.3	269.6
72.5°	329.4	328.0	328.9	329.3	328.9	328.0	329.4	330.0	329.9	328.4	325.0
70°	391.4	392.1	390.4	387.5	390.4	392.1	391.4	389.8	387.6	384.5	380.3
67.5°	451.2	450.4	448.5	445.6	448.5	450.4	451.2	450.6	448.8	444.9	439.2
65°	509.1	508.5	509.6	510.2	509.6	508.5	509.1	508.5	506.8	504.2	499.9
62.5°	572.6	572.6	571.2	568.3	571.2	572.6	572.6	571.1	568.2	564.4	559.8
60°	625.3	624.8	623.0	619.9	623.0	624.8	625.3	624.4	622.3	619.0	614.4
57.5°	671.0	670.3	668.4	665.2	668.4	670.3	671.0	670.4	668.6	664.7	660.2
55°	710.4	709.4	707.3	703.9	707.3	709.4	710.4	710.2	708.7	704.3	698.7
52.5°	749.0	748.2	748.4	749.1	748.4	748.2	749.0	748.5	746.6	742.3	736.0
50°	803.8	804.9	804.0	800.8	804.0	804.9	803.8	800.6	795.3	788.0	778.7
47.5°	869.6	870.0	868.4	865.3	868.4	870.0	869.6	866.0	858.4	847.5	834.0
45°	952.4	957.1	958.3	955.7	958.3	957.1	952.4	944.6	934.6	919.8	900.2
42.5°	1064.5	1071.8	1074.0	1072.0	1074.0	1071.8	1064.5	1051.0	1033.4	1011.7	988.6
40°	1211.8	1220.1	1221.7	1220.5	1221.7	1220.1	1211.8	1193.6	1164.2	1127.2	1092.3
37.5°	1415.4	1435.8	1445.4	1446.5	1445.4	1435.8	1415.4	1383.5	1338.0	1278.5	1228.0
35°	1716.0	1756.6	1778.3	1788.8	1778.3	1756.6	1716.0	1657.6	1580.8	1492.7	1412.7
32.5°	2184.7	2266.0	2311.0	2305.4	2311.0	2266.0	2184.7	2078.0	1937.3	1797.5	1669.5
30°	2950.4	3092.4	3163.9	3144.9	3163.9	3092.4	2950.4	2750.5	2485.4	2265.6	2038.5
27.5°	4173.7	4430.4	4578.8	4559.2	4578.8	4430.4	4173.7	3824.0	3337.2	2991.9	2574.4
25°	6144.8	6613.2	6913.0	6838.8	6913.0	6613.2	6144.8	5512.0	4755.1	4109.7	3375.2
22.5°	9143.2	9936.7	10461.8	10397.0	10461.8	9936.7	9143.2	8046.3	6902.0	5751.7	4668.2
20°	13256.1	14463.9	15326.2	15440.5	15326.2	14463.9	13256.1	11551.8	9871.1	7973.1	6425.2
17.5°	18647.3	20562.4	21895.4	22117.9	21895.4	20562.4	18647.3	16030.1	13607.1	10878.1	8476.7
15°	25654.1	28784.0	31049.3	31236.2	31049.3	28784.0	25654.1	21812.7	18094.2	14429.1	10820.5
12.5°	35168.1	41463.4	45571.9	47380.7	45571.9	41463.4	35168.1	29152.0	23159.1	18075.3	13568.6
10°	48335.1	62794.9	72055.3	75536.5	72055.3	62794.9	48335.1	38595.9	29315.2	22000.9	16185.0
7.5°	70327.9	93030.2	118269.3	129026.2	118269.3	93030.2	70327.9	48835.6	36098.6	26440.2	19050.1
5°	95233.0	142349.4	187165.5	204666.1	187165.5	142349.4	95233.0	65226.5	43658.0	29997.8	21082.2
2.5°	121439.7	187113.0	248654.0	272721.3	248654.0	187113.0	121439.7	75768.8	48329.8	32303.4	22618.8
0°	131673.9	206713.2	274422.9	301409.9	274422.9	206713.2	131673.9	77622.4	49421.3	33335.0	23319.0
-2.5°	121439.7	187113.0	248654.0	272721.3	248654.0	187113.0	121439.7	75768.8	48329.8	32303.4	22618.8
-5°	95233.0	142349.4	187165.5	204666.1	187165.5	142349.4	95233.0	65226.5	43658.0	29997.8	21082.2
-7.5°	70327.9	93030.2	118269.3	129026.2	118269.3	93030.2	70327.9	48835.6	36098.6	26440.2	19050.1
-10°	48335.1	62794.9	72055.3	75536.5	72055.3	62794.9	48335.1	38595.9	29315.2	22000.9	16185.0
-12.5°	35168.1	41463.4	45571.9	47380.7	45571.9	41463.4	35168.1	29152.0	23159.1	18075.3	13568.6
-15°	25654.1	28784.0	31049.3	31236.2	31049.3	28784.0	25654.1	21812.7	18094.2	14429.1	10820.5
-17.5°	18647.3	20562.4	21895.4	22117.9	21895.4	20562.4	18647.3	16030.1	13607.1	10878.1	8476.7
-20°	13256.1	14463.9	15326.2	15440.5	15326.2	14463.9	13256.1	11551.8	9871.1	7973.1	6425.2



REPORT NUMBER: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9143.2	9936.7	10461.8	10397.0	10461.8	9936.7	9143.2	8046.3	6902.0	5751.7	4668.2
-25°	6144.8	6613.2	6913.0	6838.8	6913.0	6613.2	6144.8	5512.0	4755.1	4109.7	3375.2
-27.5°	4173.7	4430.4	4578.8	4559.2	4578.8	4430.4	4173.7	3824.0	3337.2	2991.9	2574.4
-30°	2950.4	3092.4	3163.9	3144.9	3163.9	3092.4	2950.4	2750.5	2485.4	2265.6	2038.5
-32.5°	2184.7	2266.0	2311.0	2305.4	2311.0	2266.0	2184.7	2078.0	1937.3	1797.5	1669.5
-35°	1716.0	1756.6	1778.3	1788.8	1778.3	1756.6	1716.0	1657.6	1580.8	1492.7	1412.7
-37.5°	1415.4	1435.8	1445.4	1446.5	1445.4	1435.8	1415.4	1383.5	1338.0	1278.5	1228.0
-40°	1211.8	1220.1	1221.7	1220.5	1221.7	1220.1	1211.8	1193.6	1164.2	1127.2	1092.3
-42.5°	1064.5	1071.8	1074.0	1072.0	1074.0	1071.8	1064.5	1051.0	1033.4	1011.7	988.6
-45°	952.4	957.1	958.3	955.7	958.3	957.1	952.4	944.6	934.6	919.8	900.2
-47.5°	869.6	870.0	868.4	865.3	868.4	870.0	869.6	866.0	858.4	847.5	834.0
-50°	803.8	804.9	804.0	800.8	804.0	804.9	803.8	800.6	795.3	788.0	778.7
-52.5°	749.0	748.2	748.4	749.1	748.4	748.2	749.0	748.5	746.6	742.3	736.0
-55°	710.4	709.4	707.3	703.9	707.3	709.4	710.4	710.2	708.7	704.3	698.7
-57.5°	671.0	670.3	668.4	665.2	668.4	670.3	671.0	670.4	668.6	664.7	660.2
-60°	625.3	624.8	623.0	619.9	623.0	624.8	625.3	624.4	622.3	619.0	614.4
-62.5°	572.6	572.6	571.2	568.3	571.2	572.6	572.6	571.1	568.2	564.4	559.8
-65°	509.1	508.5	509.6	510.2	509.6	508.5	509.1	508.5	506.8	504.2	499.9
-67.5°	451.2	450.4	448.5	445.6	448.5	450.4	451.2	450.6	448.8	444.9	439.2
-70°	391.4	392.1	390.4	387.5	390.4	392.1	391.4	389.8	387.6	384.5	380.3
-72.5°	329.4	328.0	328.9	329.3	328.9	328.0	329.4	330.0	329.9	328.4	325.0
-75°	271.7	270.1	270.8	271.2	270.8	270.1	271.7	272.7	273.0	272.3	269.6
-77.5°	214.0	212.1	209.6	206.6	209.6	212.1	214.0	215.1	215.6	215.1	212.7
-80°	154.9	154.3	151.6	148.5	151.6	154.3	154.9	155.1	155.0	154.4	153.2
-82.5°	103.8	102.8	103.2	103.3	103.2	102.8	103.8	104.5	105.0	105.2	103.5
-85°	59.1	57.8	58.0	58.1	58.0	57.8	59.1	60.2	61.2	61.9	61.0
-87.5°	20.8	19.3	19.4	19.4	19.4	19.3	20.8	22.3	23.6	24.9	24.6
-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: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-NR-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°	24.2	23.8	23.4	22.9	22.3	21.8	21.1	20.5	19.8	19.0	18.2
85°	59.9	58.7	57.3	55.8	54.2	52.4	50.5	47.5	44.6	41.8	39.2
82.5°	101.6	99.4	97.0	94.4	91.5	88.5	85.1	80.6	75.6	70.1	64.4
80°	151.4	149.1	145.8	140.4	134.9	129.3	123.8	118.4	112.8	106.9	100.6
77.5°	209.8	206.3	201.3	192.7	183.9	174.9	166.3	159.1	152.0	144.5	136.7
75°	266.3	262.4	256.7	247.5	236.8	224.6	213.6	204.4	194.8	184.7	174.1
72.5°	320.8	315.9	309.8	302.0	293.0	282.0	268.4	254.0	240.2	227.0	214.4
70°	375.2	369.3	363.0	355.3	346.2	335.8	322.3	306.0	287.4	269.3	255.7
67.5°	432.4	424.5	417.8	411.3	403.1	392.4	377.0	360.1	341.8	320.9	301.5
65°	493.5	484.7	476.3	468.3	459.3	449.0	433.1	414.6	394.7	373.8	351.9
62.5°	554.4	548.4	538.8	527.3	515.3	502.3	487.5	469.2	447.8	423.5	399.4
60°	608.6	601.2	590.3	579.0	567.5	553.1	534.1	517.3	502.9	475.4	446.6
57.5°	655.2	646.7	633.7	621.5	610.3	593.2	574.0	555.0	536.4	517.3	492.6
55°	692.1	683.0	671.3	657.6	642.3	626.5	608.8	588.5	568.8	551.3	528.5
52.5°	727.8	718.8	707.7	694.2	678.0	659.5	640.1	619.9	601.4	583.5	563.0
50°	769.0	757.8	745.2	731.4	713.7	693.8	673.0	651.3	632.3	613.9	594.5
47.5°	820.2	803.8	785.6	769.0	749.5	727.6	705.4	683.6	662.8	641.2	621.6
45°	881.1	859.0	835.1	812.7	787.5	763.7	738.0	715.4	693.1	669.8	645.6
42.5°	958.7	925.1	894.0	863.4	832.1	803.4	774.3	747.8	722.6	697.8	671.8
40°	1053.5	1008.5	967.4	922.3	883.8	846.5	813.2	780.0	752.0	725.1	696.4
37.5°	1170.2	1111.3	1055.2	996.8	945.3	896.2	854.6	816.4	780.1	750.6	720.4
35°	1319.7	1239.2	1158.8	1086.0	1016.4	956.0	900.4	854.6	813.2	775.1	743.4
32.5°	1521.4	1407.5	1285.6	1192.1	1100.3	1021.1	954.7	896.2	846.5	803.4	765.3
30°	1818.2	1631.4	1463.7	1315.1	1199.5	1097.2	1010.5	943.0	883.8	832.1	787.5
27.5°	2243.7	1922.3	1695.7	1477.1	1308.2	1184.3	1079.6	991.1	921.5	863.4	812.2
25°	2846.7	2359.1	1965.8	1680.4	1450.6	1274.6	1151.4	1048.8	963.7	893.7	832.1
22.5°	3673.2	2934.9	2331.3	1898.5	1614.9	1395.9	1229.6	1105.8	1002.2	920.2	853.2
20°	4889.2	3621.7	2804.2	2210.4	1799.3	1512.3	1311.0	1165.4	1045.6	947.8	871.7
17.5°	6332.4	4574.0	3321.7	2529.3	2015.2	1661.5	1405.3	1220.1	1085.0	971.8	886.7
15°	7870.6	5653.1	4044.9	2955.0	2235.8	1789.3	1483.9	1268.6	1122.5	998.2	905.3
12.5°	9834.9	6816.5	4679.1	3310.4	2452.8	1928.4	1575.1	1330.1	1159.4	1026.7	924.8
10°	11693.0	8029.8	5451.1	3778.3	2716.9	2065.0	1656.1	1377.4	1188.0	1049.4	940.6
7.5°	13448.7	9196.4	6118.5	4134.5	2920.8	2173.6	1716.1	1411.6	1208.3	1065.3	952.6
5°	14735.3	10064.7	6641.0	4409.3	3065.0	2252.3	1755.1	1432.8	1220.4	1074.7	960.9
2.5°	15714.2	10639.8	6958.7	4570.5	3147.3	2298.9	1778.4	1449.0	1232.1	1082.2	969.9
0°	16163.8	10862.0	7064.8	4656.1	3196.6	2311.9	1788.8	1459.5	1239.9	1084.9	975.1
-2.5°	15714.2	10639.8	6958.7	4570.5	3147.3	2298.9	1778.4	1449.0	1232.1	1082.2	969.9
-5°	14735.3	10064.7	6641.0	4409.3	3065.0	2252.3	1755.1	1432.8	1220.4	1074.7	960.9
-7.5°	13448.7	9196.4	6118.5	4134.5	2920.8	2173.6	1716.1	1411.6	1208.3	1065.3	952.6
-10°	11693.0	8029.8	5451.1	3778.3	2716.9	2065.0	1656.1	1377.4	1188.0	1049.4	940.6
-12.5°	9834.9	6816.5	4679.1	3310.4	2452.8	1928.4	1575.1	1330.1	1159.4	1026.7	924.8
-15°	7870.6	5653.1	4044.9	2955.0	2235.8	1789.3	1483.9	1268.6	1122.5	998.2	905.3
-17.5°	6332.4	4574.0	3321.7	2529.3	2015.2	1661.5	1405.3	1220.1	1085.0	971.8	886.7
-20°	4889.2	3621.7	2804.2	2210.4	1799.3	1512.3	1311.0	1165.4	1045.6	947.8	871.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3673.2	2934.9	2331.3	1898.5	1614.9	1395.9	1229.6	1105.8	1002.2	920.2	853.2
-25°	2846.7	2359.1	1965.8	1680.4	1450.6	1274.6	1151.4	1048.8	963.7	893.7	832.1
-27.5°	2243.7	1922.3	1695.7	1477.1	1308.2	1184.3	1079.6	991.1	921.5	863.4	812.2
-30°	1818.2	1631.4	1463.7	1315.1	1199.5	1097.2	1010.5	943.0	883.8	832.1	787.5
-32.5°	1521.4	1407.5	1285.6	1192.1	1100.3	1021.1	954.7	896.2	846.5	803.4	765.3
-35°	1319.7	1239.2	1158.8	1086.0	1016.4	956.0	900.4	854.6	813.2	775.1	743.4
-37.5°	1170.2	1111.3	1055.2	996.8	945.3	896.2	854.6	816.4	780.1	750.6	720.4
-40°	1053.5	1008.5	967.4	922.3	883.8	846.5	813.2	780.0	752.0	725.1	696.4
-42.5°	958.7	925.1	894.0	863.4	832.1	803.4	774.3	747.8	722.6	697.8	671.8
-45°	881.1	859.0	835.1	812.7	787.5	763.7	738.0	715.4	693.1	669.8	645.6
-47.5°	820.2	803.8	785.6	769.0	749.5	727.6	705.4	683.6	662.8	641.2	621.6
-50°	769.0	757.8	745.2	731.4	713.7	693.8	673.0	651.3	632.3	613.9	594.5
-52.5°	727.8	718.8	707.7	694.2	678.0	659.5	640.1	619.9	601.4	583.5	563.0
-55°	692.1	683.0	671.3	657.6	642.3	626.5	608.8	588.5	568.8	551.3	528.5
-57.5°	655.2	646.7	633.7	621.5	610.3	593.2	574.0	555.0	536.4	517.3	492.6
-60°	608.6	601.2	590.3	579.0	567.5	553.1	534.1	517.3	502.9	475.4	446.6
-62.5°	554.4	548.4	538.8	527.3	515.3	502.3	487.5	469.2	447.8	423.5	399.4
-65°	493.5	484.7	476.3	468.3	459.3	449.0	433.1	414.6	394.7	373.8	351.9
-67.5°	432.4	424.5	417.8	411.3	403.1	392.4	377.0	360.1	341.8	320.9	301.5
-70°	375.2	369.3	363.0	355.3	346.2	335.8	322.3	306.0	287.4	269.3	255.7
-72.5°	320.8	315.9	309.8	302.0	293.0	282.0	268.4	254.0	240.2	227.0	214.4
-75°	266.3	262.4	256.7	247.5	236.8	224.6	213.6	204.4	194.8	184.7	174.1
-77.5°	209.8	206.3	201.3	192.7	183.9	174.9	166.3	159.1	152.0	144.5	136.7
-80°	151.4	149.1	145.8	140.4	134.9	129.3	123.8	118.4	112.8	106.9	100.6
-82.5°	101.6	99.4	97.0	94.4	91.5	88.5	85.1	80.6	75.6	70.1	64.4
-85°	59.9	58.7	57.3	55.8	54.2	52.4	50.5	47.5	44.6	41.8	39.2
-87.5°	24.2	23.8	23.4	22.9	22.3	21.8	21.1	20.5	19.8	19.0	18.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-NR-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°	17.4	16.6	15.7	14.8	13.9	12.9	11.9	10.9	9.9	8.8	7.8
85°	37.7	35.9	33.9	31.5	28.7	25.8	23.8	21.8	19.7	17.6	15.5
82.5°	61.1	58.8	56.5	53.6	49.4	45.1	40.6	36.1	31.4	26.7	23.2
80°	94.6	88.8	83.1	77.5	71.0	64.3	58.4	52.3	46.1	39.8	33.5
77.5°	128.5	120.1	111.3	103.1	94.9	86.5	77.9	69.1	60.7	52.9	44.9
75°	163.0	152.7	142.1	131.2	120.0	108.6	98.3	87.7	77.0	66.0	56.3
72.5°	201.5	188.1	174.2	160.0	146.9	133.5	119.7	106.2	93.7	80.9	68.0
70°	241.5	224.9	208.4	192.5	175.7	158.2	142.5	126.5	110.2	95.7	80.9
67.5°	283.4	266.5	247.0	225.9	207.0	187.2	166.0	147.1	128.8	110.2	93.7
65°	329.5	308.3	288.0	263.7	239.7	216.7	193.7	168.7	147.1	126.5	106.2
62.5°	374.4	348.9	324.6	299.6	273.5	247.0	221.0	193.0	165.8	142.5	119.7
60°	418.9	390.6	360.4	332.0	304.8	276.9	247.3	216.5	186.7	158.2	133.5
57.5°	461.2	431.5	397.3	364.1	333.5	304.3	272.7	239.3	206.9	175.4	146.8
55°	500.5	467.5	432.0	395.8	361.4	329.4	296.6	261.2	226.3	192.5	159.7
52.5°	536.8	502.2	464.4	425.9	388.4	353.6	319.0	282.3	245.0	208.9	173.5
50°	570.6	536.7	496.4	455.3	414.0	377.3	341.0	302.5	262.9	224.6	187.1
47.5°	599.7	567.7	528.8	484.2	440.3	400.7	362.6	322.3	279.9	239.6	200.2
45°	623.6	596.3	558.9	514.1	467.0	425.0	383.7	341.6	297.3	254.0	212.8
42.5°	645.8	620.3	586.6	543.3	494.5	449.0	404.4	360.4	314.2	267.8	224.9
40°	668.4	641.4	612.3	568.8	520.2	471.9	425.3	378.6	330.5	281.3	236.3
37.5°	689.5	661.5	631.9	592.4	543.3	493.6	445.3	396.3	345.7	294.8	247.2
35°	710.9	679.6	649.0	610.9	563.4	513.3	464.3	413.3	360.0	307.4	257.4
32.5°	731.4	696.3	663.3	626.0	581.8	531.0	481.3	428.2	373.4	319.0	267.0
30°	750.1	712.0	677.1	640.6	597.5	546.5	495.6	441.6	385.9	329.5	276.1
27.5°	765.0	724.9	690.2	653.1	609.9	560.4	508.2	453.7	397.4	339.3	284.7
25°	779.9	737.0	700.7	664.6	621.7	574.4	519.9	464.4	407.5	348.6	292.4
22.5°	796.4	748.1	708.9	675.5	633.6	587.9	531.0	473.8	416.2	356.9	299.2
20°	811.0	757.8	715.0	684.0	643.2	598.0	541.6	482.2	423.7	364.2	305.2
17.5°	823.9	768.1	723.1	689.1	650.7	606.6	551.4	489.6	430.0	370.6	310.4
15°	837.3	778.9	730.3	693.2	656.7	613.9	560.3	496.0	435.2	376.1	314.9
12.5°	849.2	787.8	736.1	696.4	661.3	619.7	568.2	501.4	439.2	380.6	319.1
10°	859.2	794.6	740.4	698.5	664.5	624.2	574.9	506.5	443.5	384.2	322.7
7.5°	866.9	799.3	743.2	699.8	666.8	627.8	580.6	512.5	447.1	386.6	325.5
5°	872.6	803.0	747.6	703.8	669.5	630.6	584.6	517.3	449.8	387.9	327.6
2.5°	876.9	806.2	752.4	707.6	671.1	632.3	586.9	520.9	451.4	388.2	328.9
0°	878.3	807.2	755.6	710.4	671.6	632.9	587.7	523.1	452.0	387.5	329.3
-2.5°	876.9	806.2	752.4	707.6	671.1	632.3	586.9	520.9	451.4	388.2	328.9
-5°	872.6	803.0	747.6	703.8	669.5	630.6	584.6	517.3	449.8	387.9	327.6
-7.5°	866.9	799.3	743.2	699.8	666.8	627.8	580.6	512.5	447.1	386.6	325.5
-10°	859.2	794.6	740.4	698.5	664.5	624.2	574.9	506.5	443.5	384.2	322.7
-12.5°	849.2	787.8	736.1	696.4	661.3	619.7	568.2	501.4	439.2	380.6	319.1
-15°	837.3	778.9	730.3	693.2	656.7	613.9	560.3	496.0	435.2	376.1	314.9
-17.5°	823.9	768.1	723.1	689.1	650.7	606.6	551.4	489.6	430.0	370.6	310.4
-20°	811.0	757.8	715.0	684.0	643.2	598.0	541.6	482.2	423.7	364.2	305.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	796.4	748.1	708.9	675.5	633.6	587.9	531.0	473.8	416.2	356.9	299.2
-25°	779.9	737.0	700.7	664.6	621.7	574.4	519.9	464.4	407.5	348.6	292.4
-27.5°	765.0	724.9	690.2	653.1	609.9	560.4	508.2	453.7	397.4	339.3	284.7
-30°	750.1	712.0	677.1	640.6	597.5	546.5	495.6	441.6	385.9	329.5	276.1
-32.5°	731.4	696.3	663.3	626.0	581.8	531.0	481.3	428.2	373.4	319.0	267.0
-35°	710.9	679.6	649.0	610.9	563.4	513.3	464.3	413.3	360.0	307.4	257.4
-37.5°	689.5	661.5	631.9	592.4	543.3	493.6	445.3	396.3	345.7	294.8	247.2
-40°	668.4	641.4	612.3	568.8	520.2	471.9	425.3	378.6	330.5	281.3	236.3
-42.5°	645.8	620.3	586.6	543.3	494.5	449.0	404.4	360.4	314.2	267.8	224.9
-45°	623.6	596.3	558.9	514.1	467.0	425.0	383.7	341.6	297.3	254.0	212.8
-47.5°	599.7	567.7	528.8	484.2	440.3	400.7	362.6	322.3	279.9	239.6	200.2
-50°	570.6	536.7	496.4	455.3	414.0	377.3	341.0	302.5	262.9	224.6	187.1
-52.5°	536.8	502.2	464.4	425.9	388.4	353.6	319.0	282.3	245.0	208.9	173.5
-55°	500.5	467.5	432.0	395.8	361.4	329.4	296.6	261.2	226.3	192.5	159.7
-57.5°	461.2	431.5	397.3	364.1	333.5	304.3	272.7	239.3	206.9	175.4	146.8
-60°	418.9	390.6	360.4	332.0	304.8	276.9	247.3	216.5	186.7	158.2	133.5
-62.5°	374.4	348.9	324.6	299.6	273.5	247.0	221.0	193.0	165.8	142.5	119.7
-65°	329.5	308.3	288.0	263.7	239.7	216.7	193.7	168.7	147.1	126.5	106.2
-67.5°	283.4	266.5	247.0	225.9	207.0	187.2	166.0	147.1	128.8	110.2	93.7
-70°	241.5	224.9	208.4	192.5	175.7	158.2	142.5	126.5	110.2	95.7	80.9
-72.5°	201.5	188.1	174.2	160.0	146.9	133.5	119.7	106.2	93.7	80.9	68.0
-75°	163.0	152.7	142.1	131.2	120.0	108.6	98.3	87.7	77.0	66.0	56.3
-77.5°	128.5	120.1	111.3	103.1	94.9	86.5	77.9	69.1	60.7	52.9	44.9
-80°	94.6	88.8	83.1	77.5	71.0	64.3	58.4	52.3	46.1	39.8	33.5
-82.5°	61.1	58.8	56.5	53.6	49.4	45.1	40.6	36.1	31.4	26.7	23.2
-85°	37.7	35.9	33.9	31.5	28.7	25.8	23.8	21.8	19.7	17.6	15.5
-87.5°	17.4	16.6	15.7	14.8	13.9	12.9	11.9	10.9	9.9	8.8	7.8
-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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Scaled Data Report



REPORT NUMBER: P627649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-NR-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°	6.7	5.6	4.5	3.4	2.2	1.0	0.0
85°	13.3	11.2	8.9	6.7	4.5	2.0	0.0
82.5°	20.0	16.7	13.4	10.1	6.7	2.9	0.0
80°	27.0	22.2	17.8	13.4	8.9	3.9	0.0
77.5°	36.8	28.5	22.2	16.7	11.1	4.9	0.0
75°	46.4	36.3	26.9	20.0	13.2	5.8	0.0
72.5°	55.9	43.9	32.8	23.2	15.3	6.7	0.0
70°	65.5	51.4	38.5	26.6	17.4	7.7	0.0
67.5°	76.3	58.7	44.2	30.7	19.4	8.6	0.0
65°	86.9	66.7	49.7	34.7	21.3	9.4	0.0
62.5°	97.2	75.4	55.0	38.6	23.1	10.3	0.0
60°	107.4	83.8	60.2	42.3	24.9	11.1	0.0
57.5°	118.5	92.1	66.7	46.0	27.3	11.9	0.0
55°	129.5	100.1	73.1	49.5	29.5	12.6	0.0
52.5°	140.2	108.0	79.3	52.9	31.8	13.4	0.0
50°	150.5	116.6	85.3	56.1	33.9	14.0	0.0
47.5°	160.6	124.8	91.1	59.5	36.0	14.7	0.0
45°	171.4	132.8	96.6	63.7	38.1	15.3	0.0
42.5°	181.6	140.4	101.9	67.6	40.0	15.9	0.0
40°	191.4	147.6	107.2	71.5	41.9	16.4	0.0
37.5°	200.7	154.4	112.7	75.2	43.7	16.9	0.0
35°	209.5	161.4	117.8	78.7	45.4	17.4	0.0
32.5°	217.7	168.2	122.6	82.0	47.0	17.8	0.0
30°	225.3	174.5	127.1	85.0	48.6	18.2	0.0
27.5°	232.4	180.4	131.4	87.9	50.0	18.5	0.0
25°	238.8	185.7	135.5	90.5	51.3	18.8	0.0
22.5°	244.7	190.5	139.1	92.9	52.6	19.1	0.0
20°	249.9	194.7	142.4	95.1	53.7	19.3	0.0
17.5°	254.2	198.3	145.3	97.0	54.7	19.4	0.0
15°	257.7	201.2	147.9	98.7	55.6	19.5	0.0
12.5°	260.6	203.5	150.0	100.1	56.3	19.6	0.0
10°	262.8	205.3	151.8	101.2	57.0	19.7	0.0
7.5°	264.3	206.4	153.2	102.1	57.5	19.6	0.0
5°	265.2	207.0	154.2	102.8	57.8	19.6	0.0
2.5°	265.3	207.1	154.8	103.2	58.0	19.5	0.0
0°	264.8	206.6	155.0	103.3	58.1	19.4	0.0
-2.5°	265.3	207.1	154.8	103.2	58.0	19.5	0.0
-5°	265.2	207.0	154.2	102.8	57.8	19.6	0.0
-7.5°	264.3	206.4	153.2	102.1	57.5	19.6	0.0
-10°	262.8	205.3	151.8	101.2	57.0	19.7	0.0
-12.5°	260.6	203.5	150.0	100.1	56.3	19.6	0.0
-15°	257.7	201.2	147.9	98.7	55.6	19.5	0.0
-17.5°	254.2	198.3	145.3	97.0	54.7	19.4	0.0
-20°	249.9	194.7	142.4	95.1	53.7	19.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	244.7	190.5	139.1	92.9	52.6	19.1	0.0
-25°	238.8	185.7	135.5	90.5	51.3	18.8	0.0
-27.5°	232.4	180.4	131.4	87.9	50.0	18.5	0.0
-30°	225.3	174.5	127.1	85.0	48.6	18.2	0.0
-32.5°	217.7	168.2	122.6	82.0	47.0	17.8	0.0
-35°	209.5	161.4	117.8	78.7	45.4	17.4	0.0
-37.5°	200.7	154.4	112.7	75.2	43.7	16.9	0.0
-40°	191.4	147.6	107.2	71.5	41.9	16.4	0.0
-42.5°	181.6	140.4	101.9	67.6	40.0	15.9	0.0
-45°	171.4	132.8	96.6	63.7	38.1	15.3	0.0
-47.5°	160.6	124.8	91.1	59.5	36.0	14.7	0.0
-50°	150.5	116.6	85.3	56.1	33.9	14.0	0.0
-52.5°	140.2	108.0	79.3	52.9	31.8	13.4	0.0
-55°	129.5	100.1	73.1	49.5	29.5	12.6	0.0
-57.5°	118.5	92.1	66.7	46.0	27.3	11.9	0.0
-60°	107.4	83.8	60.2	42.3	24.9	11.1	0.0
-62.5°	97.2	75.4	55.0	38.6	23.1	10.3	0.0
-65°	86.9	66.7	49.7	34.7	21.3	9.4	0.0
-67.5°	76.3	58.7	44.2	30.7	19.4	8.6	0.0
-70°	65.5	51.4	38.5	26.6	17.4	7.7	0.0
-72.5°	55.9	43.9	32.8	23.2	15.3	6.7	0.0
-75°	46.4	36.3	26.9	20.0	13.2	5.8	0.0
-77.5°	36.8	28.5	22.2	16.7	11.1	4.9	0.0
-80°	27.0	22.2	17.8	13.4	8.9	3.9	0.0
-82.5°	20.0	16.7	13.4	10.1	6.7	2.9	0.0
-85°	13.3	11.2	8.9	6.7	4.5	2.0	0.0
-87.5°	6.7	5.6	4.5	3.4	2.2	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)