

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: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-750-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627057 (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-SA2E-750-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N58  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

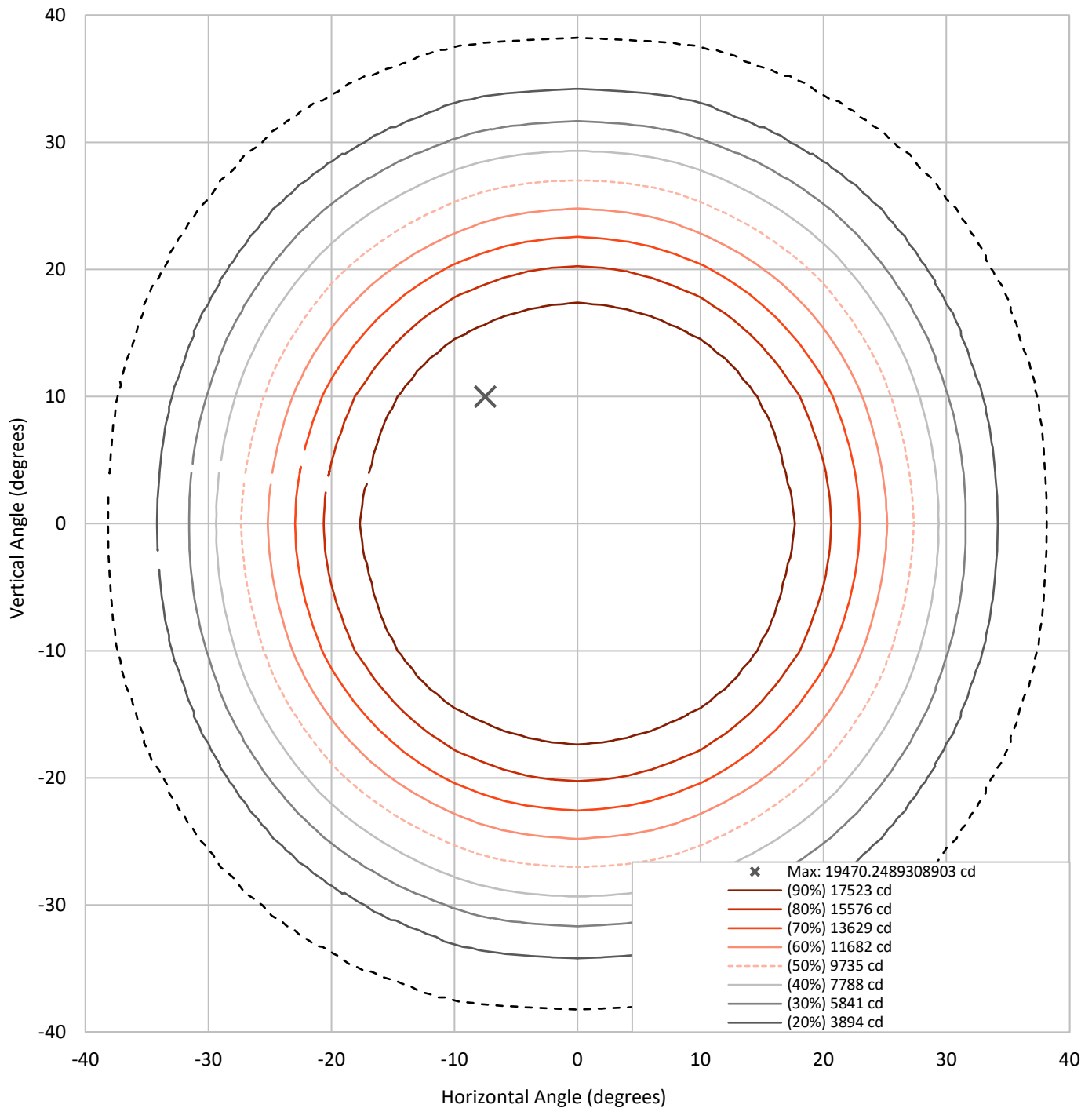
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	16571 lumens	Max Intensity:	19470.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	131.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	10998.9 lumens	Field Lumens:	14301.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	125.7		
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





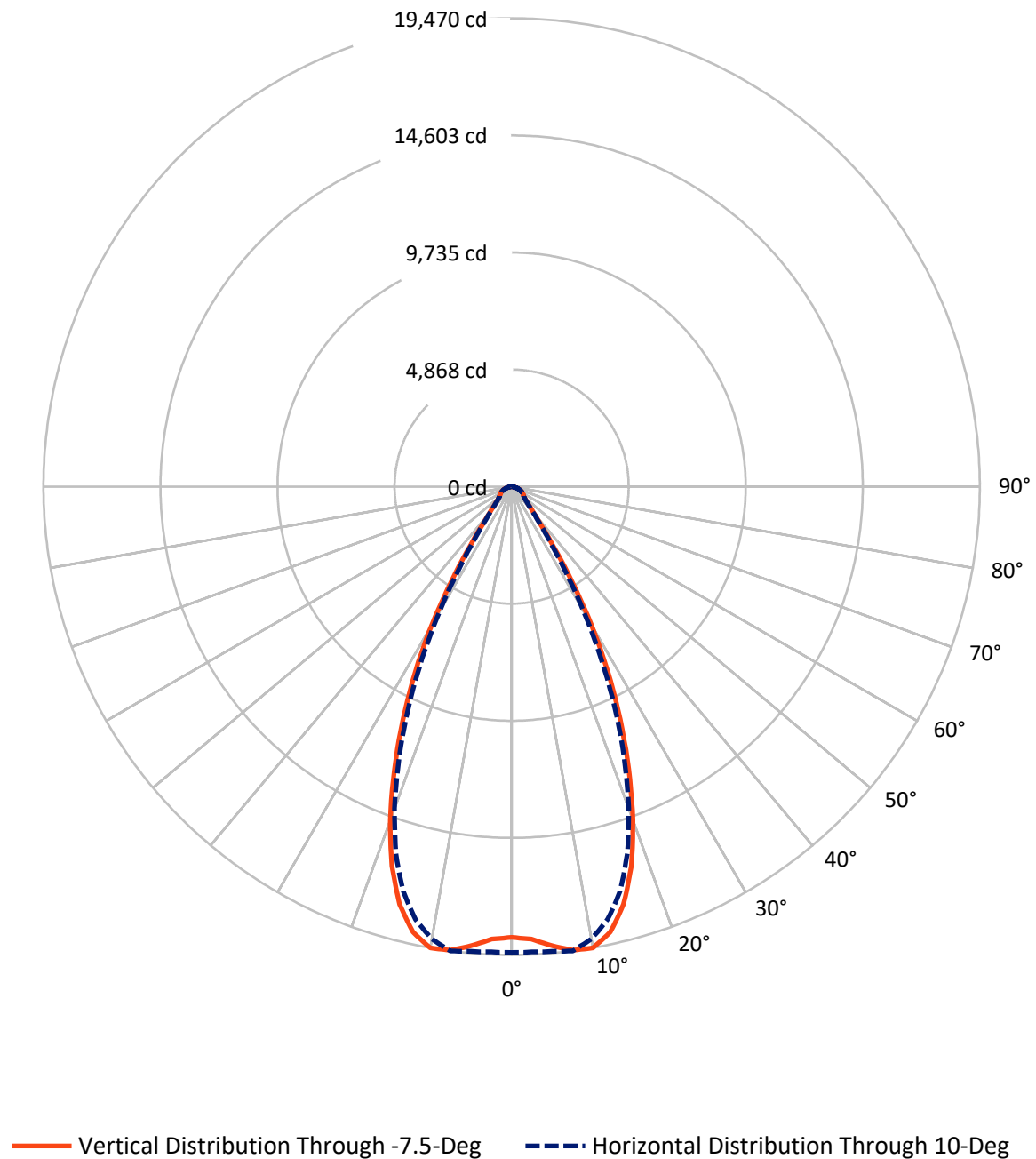
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### Lumen Table

90																			
80	0.4	3.9		10.4		16.5		18.4		16.5		10.4		3.9		0.4			
70																			
60	1.8	2.0	4.1	6.6	9.3	11.3	12.7	13.5	13.5	12.7	11.3	9.3	6.6	4.1	2.0	1.8			
50		3.0	6.0	9.6	12.8	15.5	17.3	18.1	18.1	17.3	15.5	12.8	9.6	6.0	3.0				
40	3.1	3.8	7.6	11.6	15.5	20.2	25.5	29.2	29.2	25.5	20.2	15.5	11.6	7.6	3.8	3.1			
30		4.6	8.8	13.3	20.6	37.7	72.1	106.9	106.9	72.1	37.7	20.6	13.3	8.8	4.6				
20	4.0	5.1	9.6	15.6	33.9	106.4	238.7	333.3	333.3	238.7	106.4	33.9	15.6	9.6	5.1	4.0			
10		5.5	10.1	18.5	61.4	226.8	433.1	542.0	542.0	433.1	226.8	61.4	18.5	10.1	5.5				
0	4.3	5.6	10.4	20.8	88.3	310.3	525.4	571.7	571.7	525.4	310.3	88.3	20.8	10.4	5.6	4.3			
-10		5.6	10.4	20.8	88.3	310.3	525.4	571.7	571.7	525.4	310.3	88.3	20.8	10.4	5.6				
-20	4.0	5.5	10.1	18.5	61.4	226.8	433.1	542.0	542.0	433.1	226.8	61.4	18.5	10.1	5.5	4.0			
-30		5.1	9.6	15.6	33.9	106.4	238.7	333.3	333.3	238.7	106.4	33.9	15.6	9.6	5.1				
-40	3.1	4.6	8.8	13.3	20.6	37.7	72.1	106.9	106.9	72.1	37.7	20.6	13.3	8.8	4.6	3.1			
-50		3.8	7.6	11.6	15.5	20.2	25.5	29.2	29.2	25.5	20.2	15.5	11.6	7.6	3.8				
-60	1.8	3.0	6.0	9.6	12.8	15.5	17.3	18.1	18.1	17.3	15.5	12.8	9.6	6.0	3.0	1.8			
-70		2.0	4.1	6.6	9.3	11.3	12.7	13.5	13.5	12.7	11.3	9.3	6.6	4.1	2.0				
-80																			
-90	0.4	3.9		10.4		16.5		18.4		16.5		10.4		3.9		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

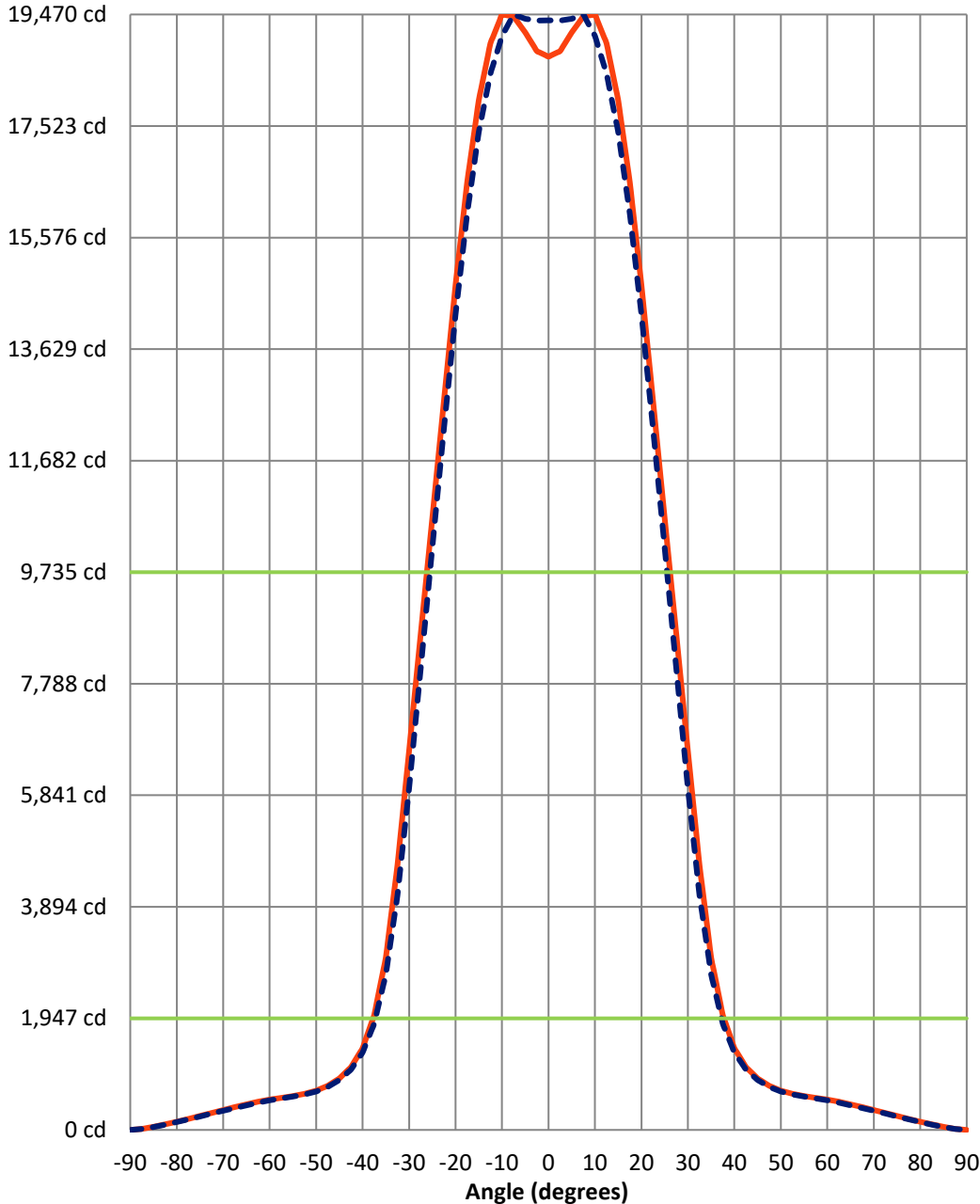
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 10998.9  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 14301.7  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 2269.3  
 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	0.7	1.5	2.2	3.0	3.7	4.4	5.4	6.4	7.5	8.6
85°	0.0	1.5	3.0	4.4	5.9	7.4	8.8	10.7	12.8	14.9	17.2
82.5°	0.0	2.2	4.4	6.6	8.8	11.0	13.2	16.0	19.5	24.6	29.4
80°	0.0	3.0	5.9	8.8	11.7	14.6	18.1	25.0	31.6	37.8	43.7
77.5°	0.0	3.7	7.4	11.0	14.6	19.8	27.7	35.8	43.6	51.0	58.9
75°	0.0	4.4	8.8	13.2	18.1	27.7	37.1	46.6	55.9	66.6	77.2
72.5°	0.0	5.1	10.2	15.3	24.4	35.5	46.5	57.8	70.5	83.0	95.3
70°	0.0	5.8	11.6	17.9	30.6	43.2	55.9	70.5	84.9	99.2	114.1
67.5°	0.0	6.5	13.0	22.4	36.7	50.8	66.5	83.0	99.2	115.9	132.9
65°	0.0	7.2	14.4	26.9	42.6	58.8	76.9	95.3	113.5	132.2	152.0
62.5°	0.0	7.8	15.7	31.3	48.5	67.1	87.1	107.4	127.5	148.6	172.5
60°	0.0	8.5	17.0	35.6	54.2	75.3	97.0	119.2	141.2	166.4	192.5
57.5°	0.0	9.1	19.7	39.8	60.5	83.2	106.9	130.6	156.0	183.8	211.4
55°	0.0	9.7	22.4	43.9	66.5	90.9	116.7	141.9	170.8	200.4	229.5
52.5°	0.0	10.3	25.0	47.9	72.4	98.4	126.2	154.2	185.0	216.2	247.1
50°	0.0	10.9	27.4	51.7	78.1	106.1	135.4	166.3	198.7	231.6	264.1
47.5°	0.0	11.5	29.8	55.5	83.5	113.7	144.5	177.8	211.8	246.3	280.5
45°	0.0	12.0	32.1	59.4	88.7	120.9	153.9	188.9	224.5	260.5	296.3
42.5°	0.0	12.5	34.2	63.1	93.6	127.9	162.9	199.4	236.5	274.1	311.3
40°	0.0	13.0	36.3	66.5	98.6	134.6	171.4	209.3	248.0	287.1	325.7
37.5°	0.0	13.5	38.2	69.7	103.7	141.0	179.5	218.7	259.1	299.7	339.5
35°	0.0	13.9	40.0	72.7	108.5	147.2	187.0	227.4	269.6	311.4	352.4
32.5°	0.0	14.3	41.7	75.4	113.1	153.1	194.0	235.6	279.7	322.3	363.8
30°	0.0	14.7	43.2	78.0	117.3	158.6	200.5	243.2	289.1	332.4	374.3
27.5°	0.0	15.1	44.6	80.4	121.1	163.6	206.4	250.8	297.7	341.6	384.1
25°	0.0	15.4	45.9	82.6	124.6	168.2	211.9	257.7	305.2	349.7	393.0
22.5°	0.0	15.7	47.0	84.6	127.7	172.3	216.7	264.1	311.9	356.9	401.1
20°	0.0	16.0	48.0	86.3	130.4	175.8	221.0	269.9	317.9	363.3	408.4
17.5°	0.0	16.2	48.9	87.8	132.8	178.8	224.9	275.0	323.0	369.0	414.7
15°	0.0	16.4	49.6	89.1	134.9	181.4	228.4	279.6	327.4	373.8	420.1
12.5°	0.0	16.6	50.2	90.2	136.6	183.5	231.4	283.7	331.3	377.8	424.6
10°	0.0	16.7	50.6	91.0	138.0	185.2	233.9	287.0	334.7	381.5	428.5
7.5°	0.0	16.9	51.0	91.6	138.9	186.5	235.9	289.6	337.3	384.5	431.8
5°	0.0	16.9	51.1	92.0	139.6	187.2	237.3	291.5	339.2	386.7	434.3
2.5°	0.0	17.0	51.2	92.1	139.8	187.5	238.2	292.6	340.3	388.0	435.7
0°	0.0	17.0	51.1	92.0	139.7	187.4	238.5	293.0	340.7	388.4	436.2
-2.5°	0.0	17.0	51.2	92.1	139.8	187.5	238.2	292.6	340.3	388.0	435.7
-5°	0.0	16.9	51.1	92.0	139.6	187.2	237.3	291.5	339.2	386.7	434.3
-7.5°	0.0	16.9	51.0	91.6	138.9	186.5	235.9	289.6	337.3	384.5	431.8
-10°	0.0	16.7	50.6	91.0	138.0	185.2	233.9	287.0	334.7	381.5	428.5
-12.5°	0.0	16.6	50.2	90.2	136.6	183.5	231.4	283.7	331.3	377.8	424.6
-15°	0.0	16.4	49.6	89.1	134.9	181.4	228.4	279.6	327.4	373.8	420.1
-17.5°	0.0	16.2	48.9	87.8	132.8	178.8	224.9	275.0	323.0	369.0	414.7
-20°	0.0	16.0	48.0	86.3	130.4	175.8	221.0	269.9	317.9	363.3	408.4

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CATALOG NUMBER: GFLD-SA2E-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	15.7	47.0	84.6	127.7	172.3	216.7	264.1	311.9	356.9	401.1
-25°	0.0	15.4	45.9	82.6	124.6	168.2	211.9	257.7	305.2	349.7	393.0
-27.5°	0.0	15.1	44.6	80.4	121.1	163.6	206.4	250.8	297.7	341.6	384.1
-30°	0.0	14.7	43.2	78.0	117.3	158.6	200.5	243.2	289.1	332.4	374.3
-32.5°	0.0	14.3	41.7	75.4	113.1	153.1	194.0	235.6	279.7	322.3	363.8
-35°	0.0	13.9	40.0	72.7	108.5	147.2	187.0	227.4	269.6	311.4	352.4
-37.5°	0.0	13.5	38.2	69.7	103.7	141.0	179.5	218.7	259.1	299.7	339.5
-40°	0.0	13.0	36.3	66.5	98.6	134.6	171.4	209.3	248.0	287.1	325.7
-42.5°	0.0	12.5	34.2	63.1	93.6	127.9	162.9	199.4	236.5	274.1	311.3
-45°	0.0	12.0	32.1	59.4	88.7	120.9	153.9	188.9	224.5	260.5	296.3
-47.5°	0.0	11.5	29.8	55.5	83.5	113.7	144.5	177.8	211.8	246.3	280.5
-50°	0.0	10.9	27.4	51.7	78.1	106.1	135.4	166.3	198.7	231.6	264.1
-52.5°	0.0	10.3	25.0	47.9	72.4	98.4	126.2	154.2	185.0	216.2	247.1
-55°	0.0	9.7	22.4	43.9	66.5	90.9	116.7	141.9	170.8	200.4	229.5
-57.5°	0.0	9.1	19.7	39.8	60.5	83.2	106.9	130.6	156.0	183.8	211.4
-60°	0.0	8.5	17.0	35.6	54.2	75.3	97.0	119.2	141.2	166.4	192.5
-62.5°	0.0	7.8	15.7	31.3	48.5	67.1	87.1	107.4	127.5	148.6	172.5
-65°	0.0	7.2	14.4	26.9	42.6	58.8	76.9	95.3	113.5	132.2	152.0
-67.5°	0.0	6.5	13.0	22.4	36.7	50.8	66.5	83.0	99.2	115.9	132.9
-70°	0.0	5.8	11.6	17.9	30.6	43.2	55.9	70.5	84.9	99.2	114.1
-72.5°	0.0	5.1	10.2	15.3	24.4	35.5	46.5	57.8	70.5	83.0	95.3
-75°	0.0	4.4	8.8	13.2	18.1	27.7	37.1	46.6	55.9	66.6	77.2
-77.5°	0.0	3.7	7.4	11.0	14.6	19.8	27.7	35.8	43.6	51.0	58.9
-80°	0.0	3.0	5.9	8.8	11.7	14.6	18.1	25.0	31.6	37.8	43.7
-82.5°	0.0	2.2	4.4	6.6	8.8	11.0	13.2	16.0	19.5	24.6	29.4
-85°	0.0	1.5	3.0	4.4	5.9	7.4	8.8	10.7	12.8	14.9	17.2
-87.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.4	6.4	7.5	8.6
-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°	9.4	10.2	11.0	11.7	12.4	13.1	13.8	14.4	15.0	15.6	16.2
85°	18.8	20.4	23.1	25.9	28.5	31.1	33.5	35.9	38.2	40.3	42.4
82.5°	33.7	38.1	42.7	47.2	51.3	55.1	58.9	62.7	66.6	70.5	74.3
80°	49.6	55.8	62.8	69.5	75.4	80.9	86.3	91.5	97.1	103.1	109.2
77.5°	68.0	76.8	85.0	92.7	100.2	108.3	116.1	123.7	131.5	139.3	146.7
75°	87.7	97.7	108.2	118.6	128.7	138.4	147.9	157.6	167.5	177.2	186.5
72.5°	108.0	120.7	133.1	145.2	157.7	169.9	181.7	193.0	204.7	216.7	228.1
70°	129.1	143.6	158.9	173.6	187.7	202.0	216.4	230.3	243.8	257.7	271.4
67.5°	150.4	168.5	185.8	202.2	218.8	235.6	251.8	268.4	284.4	300.5	315.9
65°	173.8	193.7	212.5	231.3	250.2	269.9	289.0	307.5	326.1	344.1	360.3
62.5°	196.7	217.9	238.8	260.2	282.6	304.7	325.6	346.8	368.4	387.3	403.7
60°	217.9	241.4	264.8	289.1	313.9	337.6	361.1	384.1	407.4	429.0	442.4
57.5°	238.3	264.3	290.1	316.3	342.5	369.0	393.6	419.0	440.6	458.8	474.4
55°	258.2	286.4	313.9	341.4	369.7	397.3	424.2	448.2	469.3	484.6	499.6
52.5°	277.5	307.3	335.7	365.4	395.4	424.8	452.8	475.2	492.5	508.1	522.1
50°	296.3	326.5	356.6	388.8	420.5	451.5	477.9	497.5	515.1	530.3	544.9
47.5°	313.8	345.4	377.5	411.4	444.7	474.8	499.0	519.4	537.4	553.8	571.1
45°	330.7	364.2	398.1	433.1	467.1	496.2	519.6	541.6	558.4	576.9	596.8
42.5°	347.2	382.3	417.8	454.0	488.4	515.5	538.9	559.1	578.8	600.7	624.7
40°	362.8	399.4	436.5	474.1	508.4	532.5	555.3	576.7	600.7	626.7	654.5
37.5°	377.4	415.4	453.9	493.0	523.1	547.9	571.2	595.1	623.1	653.2	691.0
35°	391.1	430.3	470.2	507.7	536.3	562.6	586.7	613.4	646.0	685.5	733.9
32.5°	403.8	444.1	485.1	519.6	548.5	575.7	600.6	633.8	673.1	720.0	788.5
30°	415.5	456.8	497.9	531.2	559.4	586.8	617.1	654.5	700.4	768.9	856.5
27.5°	426.3	468.3	508.0	540.9	569.2	597.4	632.9	678.3	738.6	820.3	929.3
25°	436.3	479.3	517.6	549.0	578.3	609.6	648.1	699.1	778.5	884.0	1031.2
22.5°	445.3	489.2	526.8	556.1	586.8	620.8	665.6	729.5	821.0	944.2	1134.0
20°	453.3	496.7	533.7	562.7	594.6	630.0	681.3	758.2	868.6	1028.2	1270.4
17.5°	460.4	503.2	538.9	569.1	602.3	640.4	696.5	783.2	911.0	1101.4	1408.4
15°	466.4	508.8	543.2	574.6	609.0	652.3	717.6	815.8	960.1	1177.6	1528.6
12.5°	471.4	513.4	546.8	579.1	614.5	662.3	735.8	846.5	1011.1	1271.2	1705.8
10°	475.4	517.0	549.5	582.5	618.8	670.3	750.5	871.6	1053.4	1352.3	1856.9
7.5°	479.0	519.7	551.4	585.0	621.9	676.3	761.7	891.0	1085.9	1416.0	1976.4
5°	481.7	521.3	552.5	586.4	624.4	680.2	769.3	904.4	1108.3	1461.5	2060.6
2.5°	483.4	521.8	552.7	586.8	626.3	681.9	773.2	911.9	1125.9	1483.0	2105.8
0°	483.9	521.3	552.0	586.1	627.0	681.5	773.5	913.2	1134.7	1482.2	2112.6
-2.5°	483.4	521.8	552.7	586.8	626.3	681.9	773.2	911.9	1125.9	1483.0	2105.8
-5°	481.7	521.3	552.5	586.4	624.4	680.2	769.3	904.4	1108.3	1461.5	2060.6
-7.5°	479.0	519.7	551.4	585.0	621.9	676.3	761.7	891.0	1085.9	1416.0	1976.4
-10°	475.4	517.0	549.5	582.5	618.8	670.3	750.5	871.6	1053.4	1352.3	1856.9
-12.5°	471.4	513.4	546.8	579.1	614.5	662.3	735.8	846.5	1011.1	1271.2	1705.8
-15°	466.4	508.8	543.2	574.6	609.0	652.3	717.6	815.8	960.1	1177.6	1528.6
-17.5°	460.4	503.2	538.9	569.1	602.3	640.4	696.5	783.2	911.0	1101.4	1408.4
-20°	453.3	496.7	533.7	562.7	594.6	630.0	681.3	758.2	868.6	1028.2	1270.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	445.3	489.2	526.8	556.1	586.8	620.8	665.6	729.5	821.0	944.2	1134.0
-25°	436.3	479.3	517.6	549.0	578.3	609.6	648.1	699.1	778.5	884.0	1031.2
-27.5°	426.3	468.3	508.0	540.9	569.2	597.4	632.9	678.3	738.6	820.3	929.3
-30°	415.5	456.8	497.9	531.2	559.4	586.8	617.1	654.5	700.4	768.9	856.5
-32.5°	403.8	444.1	485.1	519.6	548.5	575.7	600.6	633.8	673.1	720.0	788.5
-35°	391.1	430.3	470.2	507.7	536.3	562.6	586.7	613.4	646.0	685.5	733.9
-37.5°	377.4	415.4	453.9	493.0	523.1	547.9	571.2	595.1	623.1	653.2	691.0
-40°	362.8	399.4	436.5	474.1	508.4	532.5	555.3	576.7	600.7	626.7	654.5
-42.5°	347.2	382.3	417.8	454.0	488.4	515.5	538.9	559.1	578.8	600.7	624.7
-45°	330.7	364.2	398.1	433.1	467.1	496.2	519.6	541.6	558.4	576.9	596.8
-47.5°	313.8	345.4	377.5	411.4	444.7	474.8	499.0	519.4	537.4	553.8	571.1
-50°	296.3	326.5	356.6	388.8	420.5	451.5	477.9	497.5	515.1	530.3	544.9
-52.5°	277.5	307.3	335.7	365.4	395.4	424.8	452.8	475.2	492.5	508.1	522.1
-55°	258.2	286.4	313.9	341.4	369.7	397.3	424.2	448.2	469.3	484.6	499.6
-57.5°	238.3	264.3	290.1	316.3	342.5	369.0	393.6	419.0	440.6	458.8	474.4
-60°	217.9	241.4	264.8	289.1	313.9	337.6	361.1	384.1	407.4	429.0	442.4
-62.5°	196.7	217.9	238.8	260.2	282.6	304.7	325.6	346.8	368.4	387.3	403.7
-65°	173.8	193.7	212.5	231.3	250.2	269.9	289.0	307.5	326.1	344.1	360.3
-67.5°	150.4	168.5	185.8	202.2	218.8	235.6	251.8	268.4	284.4	300.5	315.9
-70°	129.1	143.6	158.9	173.6	187.7	202.0	216.4	230.3	243.8	257.7	271.4
-72.5°	108.0	120.7	133.1	145.2	157.7	169.9	181.7	193.0	204.7	216.7	228.1
-75°	87.7	97.7	108.2	118.6	128.7	138.4	147.9	157.6	167.5	177.2	186.5
-77.5°	68.0	76.8	85.0	92.7	100.2	108.3	116.1	123.7	131.5	139.3	146.7
-80°	49.6	55.8	62.8	69.5	75.4	80.9	86.3	91.5	97.1	103.1	109.2
-82.5°	33.7	38.1	42.7	47.2	51.3	55.1	58.9	62.7	66.6	70.5	74.3
-85°	18.8	20.4	23.1	25.9	28.5	31.1	33.5	35.9	38.2	40.3	42.4
-87.5°	9.4	10.2	11.0	11.7	12.4	13.1	13.8	14.4	15.0	15.6	16.2
-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: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	16.7	16.5	16.2	15.8	15.4	16.5	17.6	18.6	19.7	19.1	18.4
85°	44.3	45.3	46.2	46.9	47.5	49.6	51.6	53.5	55.3	55.3	55.1
82.5°	78.0	80.5	82.7	84.6	86.4	88.8	91.0	93.0	94.6	95.8	96.8
80°	115.0	119.1	122.6	125.7	128.6	131.8	134.9	137.6	139.9	141.2	142.0
77.5°	154.0	160.0	165.3	170.4	175.2	180.0	184.3	188.2	191.6	192.4	192.2
75°	195.4	203.4	210.9	217.9	224.3	229.8	234.5	238.4	241.6	243.2	244.1
72.5°	239.0	248.9	257.7	265.7	272.5	278.2	283.1	287.4	291.0	293.2	294.6
70°	284.4	296.1	305.2	312.6	318.5	324.2	330.5	336.5	342.2	345.4	346.6
67.5°	330.0	342.1	350.4	357.2	362.6	368.1	376.1	383.3	389.7	394.0	396.8
65°	374.6	387.3	395.6	402.2	407.1	412.7	421.6	428.7	434.2	438.5	442.4
62.5°	418.6	431.4	440.7	448.5	455.7	461.8	469.1	475.1	479.8	484.1	488.9
60°	456.8	472.0	481.7	489.6	498.5	508.1	513.5	518.0	521.9	525.3	528.3
57.5°	488.0	501.5	514.1	523.5	532.8	541.7	548.1	552.3	555.7	558.2	559.2
55°	514.1	528.1	542.1	552.3	561.4	569.8	576.7	582.2	586.7	590.3	591.2
52.5°	537.5	553.2	567.0	578.8	590.8	600.5	608.2	615.7	622.2	627.5	629.8
50°	562.9	579.4	596.5	612.3	625.1	636.3	645.6	656.2	667.3	676.5	682.3
47.5°	589.7	608.6	629.3	648.8	663.9	680.5	696.0	711.7	732.4	749.7	762.6
45°	617.6	642.0	665.6	690.4	711.3	742.6	771.6	796.6	829.7	859.8	883.7
42.5°	650.7	681.0	710.0	749.8	791.3	834.1	880.2	919.6	971.5	1024.3	1066.9
40°	689.9	728.6	779.6	833.0	898.6	957.4	1037.2	1108.2	1187.8	1288.3	1371.4
37.5°	737.0	796.7	867.7	942.0	1044.4	1142.2	1274.0	1412.9	1538.9	1732.5	1895.3
35°	798.3	881.7	975.1	1106.7	1251.6	1434.9	1640.5	1908.9	2139.0	2465.4	2777.3
32.5°	877.1	984.5	1136.9	1340.1	1554.3	1887.1	2213.4	2679.3	3110.7	3628.0	4186.3
30°	964.9	1128.3	1361.2	1639.9	2039.4	2529.1	3104.3	3819.8	4602.9	5330.0	6046.5
27.5°	1092.1	1326.1	1632.2	2081.9	2704.6	3389.6	4397.4	5368.7	6382.2	7283.0	8034.3
25°	1240.7	1549.9	2023.3	2685.3	3527.5	4700.5	5906.9	7105.7	8195.6	9138.6	9968.8
22.5°	1432.4	1877.3	2508.3	3365.9	4677.3	6083.1	7497.8	8820.1	9982.7	11032.9	11931.4
20°	1641.1	2197.7	3098.9	4377.6	5877.3	7479.0	9076.3	10484.9	11764.9	12955.7	13968.4
17.5°	1905.5	2685.0	3826.2	5360.2	7094.1	8848.9	10527.0	12055.6	13507.9	14767.9	15826.0
15°	2130.8	3114.2	4603.6	6402.7	8278.1	10129.2	11900.9	13561.2	15071.1	16363.9	17358.7
12.5°	2431.4	3595.2	5293.7	7298.8	9331.2	11278.9	13145.1	14861.1	16397.7	17676.2	18450.7
10°	2715.6	4093.1	5960.8	8051.9	10163.3	12238.6	14231.1	15991.1	17417.7	18434.7	19094.7
7.5°	2957.1	4521.1	6503.5	8660.5	10824.4	12994.2	15011.1	16723.5	18038.9	18888.3	19347.7
5°	3137.5	4841.0	6906.3	9155.1	11375.6	13583.4	15584.6	17192.1	18329.0	18960.1	19190.7
2.5°	3252.5	5028.9	7140.1	9479.6	11744.5	13956.3	15978.0	17560.3	18524.9	18943.2	18982.9
0°	3298.4	5053.2	7176.1	9649.9	11837.4	14062.5	16089.9	17711.8	18597.8	18941.9	18935.1
-2.5°	3252.5	5028.9	7140.1	9479.6	11744.5	13956.3	15978.0	17560.3	18524.9	18943.2	18982.9
-5°	3137.5	4841.0	6906.3	9155.1	11375.6	13583.4	15584.6	17192.1	18329.0	18960.1	19190.7
-7.5°	2957.1	4521.1	6503.5	8660.5	10824.4	12994.2	15011.1	16723.5	18038.9	18888.3	19347.7
-10°	2715.6	4093.1	5960.8	8051.9	10163.3	12238.6	14231.1	15991.1	17417.7	18434.7	19094.7
-12.5°	2431.4	3595.2	5293.7	7298.8	9331.2	11278.9	13145.1	14861.1	16397.7	17676.2	18450.7
-15°	2130.8	3114.2	4603.6	6402.7	8278.1	10129.2	11900.9	13561.2	15071.1	16363.9	17358.7
-17.5°	1905.5	2685.0	3826.2	5360.2	7094.1	8848.9	10527.0	12055.6	13507.9	14767.9	15826.0
-20°	1641.1	2197.7	3098.9	4377.6	5877.3	7479.0	9076.3	10484.9	11764.9	12955.7	13968.4



REPORT NUMBER: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1432.4	1877.3	2508.3	3365.9	4677.3	6083.1	7497.8	8820.1	9982.7	11032.9	11931.4
-25°	1240.7	1549.9	2023.3	2685.3	3527.5	4700.5	5906.9	7105.7	8195.6	9138.6	9968.8
-27.5°	1092.1	1326.1	1632.2	2081.9	2704.6	3389.6	4397.4	5368.7	6382.2	7283.0	8034.3
-30°	964.9	1128.3	1361.2	1639.9	2039.4	2529.1	3104.3	3819.8	4602.9	5330.0	6046.5
-32.5°	877.1	984.5	1136.9	1340.1	1554.3	1887.1	2213.4	2679.3	3110.7	3628.0	4186.3
-35°	798.3	881.7	975.1	1106.7	1251.6	1434.9	1640.5	1908.9	2139.0	2465.4	2777.3
-37.5°	737.0	796.7	867.7	942.0	1044.4	1142.2	1274.0	1412.9	1538.9	1732.5	1895.3
-40°	689.9	728.6	779.6	833.0	898.6	957.4	1037.2	1108.2	1187.8	1288.3	1371.4
-42.5°	650.7	681.0	710.0	749.8	791.3	834.1	880.2	919.6	971.5	1024.3	1066.9
-45°	617.6	642.0	665.6	690.4	711.3	742.6	771.6	796.6	829.7	859.8	883.7
-47.5°	589.7	608.6	629.3	648.8	663.9	680.5	696.0	711.7	732.4	749.7	762.6
-50°	562.9	579.4	596.5	612.3	625.1	636.3	645.6	656.2	667.3	676.5	682.3
-52.5°	537.5	553.2	567.0	578.8	590.8	600.5	608.2	615.7	622.2	627.5	629.8
-55°	514.1	528.1	542.1	552.3	561.4	569.8	576.7	582.2	586.7	590.3	591.2
-57.5°	488.0	501.5	514.1	523.5	532.8	541.7	548.1	552.3	555.7	558.2	559.2
-60°	456.8	472.0	481.7	489.6	498.5	508.1	513.5	518.0	521.9	525.3	528.3
-62.5°	418.6	431.4	440.7	448.5	455.7	461.8	469.1	475.1	479.8	484.1	488.9
-65°	374.6	387.3	395.6	402.2	407.1	412.7	421.6	428.7	434.2	438.5	442.4
-67.5°	330.0	342.1	350.4	357.2	362.6	368.1	376.1	383.3	389.7	394.0	396.8
-70°	284.4	296.1	305.2	312.6	318.5	324.2	330.5	336.5	342.2	345.4	346.6
-72.5°	239.0	248.9	257.7	265.7	272.5	278.2	283.1	287.4	291.0	293.2	294.6
-75°	195.4	203.4	210.9	217.9	224.3	229.8	234.5	238.4	241.6	243.2	244.1
-77.5°	154.0	160.0	165.3	170.4	175.2	180.0	184.3	188.2	191.6	192.4	192.2
-80°	115.0	119.1	122.6	125.7	128.6	131.8	134.9	137.6	139.9	141.2	142.0
-82.5°	78.0	80.5	82.7	84.6	86.4	88.8	91.0	93.0	94.6	95.8	96.8
-85°	44.3	45.3	46.2	46.9	47.5	49.6	51.6	53.5	55.3	55.3	55.1
-87.5°	16.7	16.5	16.2	15.8	15.4	16.5	17.6	18.6	19.7	19.1	18.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	17.7	16.9	17.0	17.0	17.0	16.9	17.7	18.4	19.1	19.7	18.6
85°	54.7	54.2	52.7	51.1	52.7	54.2	54.7	55.1	55.3	55.3	53.5
82.5°	97.7	98.3	97.0	95.4	97.0	98.3	97.7	96.8	95.8	94.6	93.0
80°	142.4	142.4	141.3	139.7	141.3	142.4	142.4	142.0	141.2	139.9	137.6
77.5°	191.4	190.0	190.6	190.8	190.6	190.0	191.4	192.2	192.4	191.6	188.2
75°	244.4	244.1	243.4	241.9	243.4	244.1	244.4	244.1	243.2	241.6	238.4
72.5°	295.2	295.2	294.4	293.0	294.4	295.2	295.2	294.6	293.2	291.0	287.4
70°	346.9	346.3	347.2	347.6	347.2	346.3	346.9	346.6	345.4	342.2	336.5
67.5°	398.9	400.3	400.1	398.7	400.1	400.3	398.9	396.8	394.0	389.7	383.3
65°	445.5	447.9	449.3	449.8	449.3	447.9	445.5	442.4	438.5	434.2	428.7
62.5°	492.6	495.3	495.5	494.1	495.5	495.3	492.6	488.9	484.1	479.8	475.1
60°	529.9	530.4	529.7	528.2	529.7	530.4	529.9	528.3	525.3	521.9	518.0
57.5°	559.2	558.2	557.0	555.4	557.0	558.2	559.2	559.2	558.2	555.7	552.3
55°	590.7	589.1	587.7	586.1	587.7	589.1	590.7	591.2	590.3	586.7	582.2
52.5°	630.3	629.4	628.5	627.0	628.5	629.4	630.3	629.8	627.5	622.2	615.7
50°	685.3	686.1	686.1	684.9	686.1	686.1	685.3	682.3	676.5	667.3	656.2
47.5°	770.8	775.4	778.4	780.3	778.4	775.4	770.8	762.6	749.7	732.4	711.7
45°	899.1	908.2	914.6	920.0	914.6	908.2	899.1	883.7	859.8	829.7	796.6
42.5°	1096.9	1117.3	1126.9	1124.5	1126.9	1117.3	1096.9	1066.9	1024.3	971.5	919.6
40°	1426.8	1459.7	1477.9	1492.5	1477.9	1459.7	1426.8	1371.4	1288.3	1187.8	1108.2
37.5°	2006.4	2070.2	2103.8	2133.1	2103.8	2070.2	2006.4	1895.3	1732.5	1538.9	1412.9
35°	3010.3	3153.9	3230.7	3257.5	3230.7	3153.9	3010.3	2777.3	2465.4	2139.0	1908.9
32.5°	4620.7	4885.6	5032.1	5145.2	5032.1	4885.6	4620.7	4186.3	3628.0	3110.7	2679.3
30°	6613.8	6962.7	7156.4	7251.0	7156.4	6962.7	6613.8	6046.5	5330.0	4602.9	3819.8
27.5°	8657.0	9053.6	9262.5	9251.2	9262.5	9053.6	8657.0	8034.3	7283.0	6382.2	5368.7
25°	10680.4	11139.8	11347.8	11534.2	11347.8	11139.8	10680.4	9968.8	9138.6	8195.6	7105.7
22.5°	12726.9	13264.0	13557.0	13694.5	13557.0	13264.0	12726.9	11931.4	11032.9	9982.7	8820.1
20°	14748.9	15346.9	15658.0	15793.5	15658.0	15346.9	14748.9	13968.4	12955.7	11764.9	10484.9
17.5°	16542.3	17126.0	17422.6	17548.3	17422.6	17126.0	16542.3	15826.0	14767.9	13507.9	12055.6
15°	17974.3	18404.9	18657.1	18723.9	18657.1	18404.9	17974.3	17358.7	16363.9	15071.1	13561.2
12.5°	18964.2	19130.9	19252.2	19289.5	19252.2	19130.9	18964.2	18450.7	17676.2	16397.7	14861.1
10°	19470.2	19395.0	19363.9	19367.9	19363.9	19395.0	19470.2	19094.7	18434.7	17417.7	15991.1
7.5°	19435.4	19324.0	19100.2	19064.6	19100.2	19324.0	19435.4	19347.7	18888.3	18038.9	16723.5
5°	19156.2	18953.3	18581.9	18475.1	18581.9	18953.3	19156.2	19190.7	18960.1	18329.0	17192.1
2.5°	18830.8	18465.1	18122.8	17902.7	18122.8	18465.1	18830.8	18982.9	18943.2	18524.9	17560.3
0°	18734.1	18311.6	17868.6	17725.5	17868.6	18311.6	18734.1	18935.1	18941.9	18597.8	17711.8
-2.5°	18830.8	18465.1	18122.8	17902.7	18122.8	18465.1	18830.8	18982.9	18943.2	18524.9	17560.3
-5°	19156.2	18953.3	18581.9	18475.1	18581.9	18953.3	19156.2	19190.7	18960.1	18329.0	17192.1
-7.5°	19435.4	19324.0	19100.2	19064.6	19100.2	19324.0	19435.4	19347.7	18888.3	18038.9	16723.5
-10°	19470.2	19395.0	19363.9	19367.9	19363.9	19395.0	19470.2	19094.7	18434.7	17417.7	15991.1
-12.5°	18964.2	19130.9	19252.2	19289.5	19252.2	19130.9	18964.2	18450.7	17676.2	16397.7	14861.1
-15°	17974.3	18404.9	18657.1	18723.9	18657.1	18404.9	17974.3	17358.7	16363.9	15071.1	13561.2
-17.5°	16542.3	17126.0	17422.6	17548.3	17422.6	17126.0	16542.3	15826.0	14767.9	13507.9	12055.6
-20°	14748.9	15346.9	15658.0	15793.5	15658.0	15346.9	14748.9	13968.4	12955.7	11764.9	10484.9



REPORT NUMBER: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	12726.9	13264.0	13557.0	13694.5	13557.0	13264.0	12726.9	11931.4	11032.9	9982.7	8820.1
-25°	10680.4	11139.8	11347.8	11534.2	11347.8	11139.8	10680.4	9968.8	9138.6	8195.6	7105.7
-27.5°	8657.0	9053.6	9262.5	9251.2	9262.5	9053.6	8657.0	8034.3	7283.0	6382.2	5368.7
-30°	6613.8	6962.7	7156.4	7251.0	7156.4	6962.7	6613.8	6046.5	5330.0	4602.9	3819.8
-32.5°	4620.7	4885.6	5032.1	5145.2	5032.1	4885.6	4620.7	4186.3	3628.0	3110.7	2679.3
-35°	3010.3	3153.9	3230.7	3257.5	3230.7	3153.9	3010.3	2777.3	2465.4	2139.0	1908.9
-37.5°	2006.4	2070.2	2103.8	2133.1	2103.8	2070.2	2006.4	1895.3	1732.5	1538.9	1412.9
-40°	1426.8	1459.7	1477.9	1492.5	1477.9	1459.7	1426.8	1371.4	1288.3	1187.8	1108.2
-42.5°	1096.9	1117.3	1126.9	1124.5	1126.9	1117.3	1096.9	1066.9	1024.3	971.5	919.6
-45°	899.1	908.2	914.6	920.0	914.6	908.2	899.1	883.7	859.8	829.7	796.6
-47.5°	770.8	775.4	778.4	780.3	778.4	775.4	770.8	762.6	749.7	732.4	711.7
-50°	685.3	686.1	686.1	684.9	686.1	686.1	685.3	682.3	676.5	667.3	656.2
-52.5°	630.3	629.4	628.5	627.0	628.5	629.4	630.3	629.8	627.5	622.2	615.7
-55°	590.7	589.1	587.7	586.1	587.7	589.1	590.7	591.2	590.3	586.7	582.2
-57.5°	559.2	558.2	557.0	555.4	557.0	558.2	559.2	559.2	558.2	555.7	552.3
-60°	529.9	530.4	529.7	528.2	529.7	530.4	529.9	528.3	525.3	521.9	518.0
-62.5°	492.6	495.3	495.5	494.1	495.5	495.3	492.6	488.9	484.1	479.8	475.1
-65°	445.5	447.9	449.3	449.8	449.3	447.9	445.5	442.4	438.5	434.2	428.7
-67.5°	398.9	400.3	400.1	398.7	400.1	400.3	398.9	396.8	394.0	389.7	383.3
-70°	346.9	346.3	347.2	347.6	347.2	346.3	346.9	346.6	345.4	342.2	336.5
-72.5°	295.2	295.2	294.4	293.0	294.4	295.2	295.2	294.6	293.2	291.0	287.4
-75°	244.4	244.1	243.4	241.9	243.4	244.1	244.4	244.1	243.2	241.6	238.4
-77.5°	191.4	190.0	190.6	190.8	190.6	190.0	191.4	192.2	192.4	191.6	188.2
-80°	142.4	142.4	141.3	139.7	141.3	142.4	142.4	142.0	141.2	139.9	137.6
-82.5°	97.7	98.3	97.0	95.4	97.0	98.3	97.7	96.8	95.8	94.6	93.0
-85°	54.7	54.2	52.7	51.1	52.7	54.2	54.7	55.1	55.3	55.3	53.5
-87.5°	17.7	16.9	17.0	17.0	17.0	16.9	17.7	18.4	19.1	19.7	18.6
-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: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	17.6	16.5	15.4	15.8	16.2	16.5	16.7	16.2	15.6	15.0	14.4
85°	51.6	49.6	47.5	46.9	46.2	45.3	44.3	42.4	40.3	38.2	35.9
82.5°	91.0	88.8	86.4	84.6	82.7	80.5	78.0	74.3	70.5	66.6	62.7
80°	134.9	131.8	128.6	125.7	122.6	119.1	115.0	109.2	103.1	97.1	91.5
77.5°	184.3	180.0	175.2	170.4	165.3	160.0	154.0	146.7	139.3	131.5	123.7
75°	234.5	229.8	224.3	217.9	210.9	203.4	195.4	186.5	177.2	167.5	157.6
72.5°	283.1	278.2	272.5	265.7	257.7	248.9	239.0	228.1	216.7	204.7	193.0
70°	330.5	324.2	318.5	312.6	305.2	296.1	284.4	271.4	257.7	243.8	230.3
67.5°	376.1	368.1	362.6	357.2	350.4	342.1	330.0	315.9	300.5	284.4	268.4
65°	421.6	412.7	407.1	402.2	395.6	387.3	374.6	360.3	344.1	326.1	307.5
62.5°	469.1	461.8	455.7	448.5	440.7	431.4	418.6	403.7	387.3	368.4	346.8
60°	513.5	508.1	498.5	489.6	481.7	472.0	456.8	442.4	429.0	407.4	384.1
57.5°	548.1	541.7	532.8	523.5	514.1	501.5	488.0	474.4	458.8	440.6	419.0
55°	576.7	569.8	561.4	552.3	542.1	528.1	514.1	499.6	484.6	469.3	448.2
52.5°	608.2	600.5	590.8	578.8	567.0	553.2	537.5	522.1	508.1	492.5	475.2
50°	645.6	636.3	625.1	612.3	596.5	579.4	562.9	544.9	530.3	515.1	497.5
47.5°	696.0	680.5	663.9	648.8	629.3	608.6	589.7	571.1	553.8	537.4	519.4
45°	771.6	742.6	711.3	690.4	665.6	642.0	617.6	596.8	576.9	558.4	541.6
42.5°	880.2	834.1	791.3	749.8	710.0	681.0	650.7	624.7	600.7	578.8	559.1
40°	1037.2	957.4	898.6	833.0	779.6	728.6	689.9	654.5	626.7	600.7	576.7
37.5°	1274.0	1142.2	1044.4	942.0	867.7	796.7	737.0	691.0	653.2	623.1	595.1
35°	1640.5	1434.9	1251.6	1106.7	975.1	881.7	798.3	733.9	685.5	646.0	613.4
32.5°	2213.4	1887.1	1554.3	1340.1	1136.9	984.5	877.1	788.5	720.0	673.1	633.8
30°	3104.3	2529.1	2039.4	1639.9	1361.2	1128.3	964.9	856.5	768.9	700.4	654.5
27.5°	4397.4	3389.6	2704.6	2081.9	1632.2	1326.1	1092.1	929.3	820.3	738.6	678.3
25°	5906.9	4700.5	3527.5	2685.3	2023.3	1549.9	1240.7	1031.2	884.0	778.5	699.1
22.5°	7497.8	6083.1	4677.3	3365.9	2508.3	1877.3	1432.4	1134.0	944.2	821.0	729.5
20°	9076.3	7479.0	5877.3	4377.6	3098.9	2197.7	1641.1	1270.4	1028.2	868.6	758.2
17.5°	10527.0	8848.9	7094.1	5360.2	3826.2	2685.0	1905.5	1408.4	1101.4	911.0	783.2
15°	11900.9	10129.2	8278.1	6402.7	4603.6	3114.2	2130.8	1528.6	1177.6	960.1	815.8
12.5°	13145.1	11278.9	9331.2	7298.8	5293.7	3595.2	2431.4	1705.8	1271.2	1011.1	846.5
10°	14231.1	12238.6	10163.3	8051.9	5960.8	4093.1	2715.6	1856.9	1352.3	1053.4	871.6
7.5°	15011.1	12994.2	10824.4	8660.5	6503.5	4521.1	2957.1	1976.4	1416.0	1085.9	891.0
5°	15584.6	13583.4	11375.6	9155.1	6906.3	4841.0	3137.5	2060.6	1461.5	1108.3	904.4
2.5°	15978.0	13956.3	11744.5	9479.6	7140.1	5028.9	3252.5	2105.8	1483.0	1125.9	911.9
0°	16089.9	14062.5	11837.4	9649.9	7176.1	5053.2	3298.4	2112.6	1482.2	1134.7	913.2
-2.5°	15978.0	13956.3	11744.5	9479.6	7140.1	5028.9	3252.5	2105.8	1483.0	1125.9	911.9
-5°	15584.6	13583.4	11375.6	9155.1	6906.3	4841.0	3137.5	2060.6	1461.5	1108.3	904.4
-7.5°	15011.1	12994.2	10824.4	8660.5	6503.5	4521.1	2957.1	1976.4	1416.0	1085.9	891.0
-10°	14231.1	12238.6	10163.3	8051.9	5960.8	4093.1	2715.6	1856.9	1352.3	1053.4	871.6
-12.5°	13145.1	11278.9	9331.2	7298.8	5293.7	3595.2	2431.4	1705.8	1271.2	1011.1	846.5
-15°	11900.9	10129.2	8278.1	6402.7	4603.6	3114.2	2130.8	1528.6	1177.6	960.1	815.8
-17.5°	10527.0	8848.9	7094.1	5360.2	3826.2	2685.0	1905.5	1408.4	1101.4	911.0	783.2
-20°	9076.3	7479.0	5877.3	4377.6	3098.9	2197.7	1641.1	1270.4	1028.2	868.6	758.2



REPORT NUMBER: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	7497.8	6083.1	4677.3	3365.9	2508.3	1877.3	1432.4	1134.0	944.2	821.0	729.5
-25°	5906.9	4700.5	3527.5	2685.3	2023.3	1549.9	1240.7	1031.2	884.0	778.5	699.1
-27.5°	4397.4	3389.6	2704.6	2081.9	1632.2	1326.1	1092.1	929.3	820.3	738.6	678.3
-30°	3104.3	2529.1	2039.4	1639.9	1361.2	1128.3	964.9	856.5	768.9	700.4	654.5
-32.5°	2213.4	1887.1	1554.3	1340.1	1136.9	984.5	877.1	788.5	720.0	673.1	633.8
-35°	1640.5	1434.9	1251.6	1106.7	975.1	881.7	798.3	733.9	685.5	646.0	613.4
-37.5°	1274.0	1142.2	1044.4	942.0	867.7	796.7	737.0	691.0	653.2	623.1	595.1
-40°	1037.2	957.4	898.6	833.0	779.6	728.6	689.9	654.5	626.7	600.7	576.7
-42.5°	880.2	834.1	791.3	749.8	710.0	681.0	650.7	624.7	600.7	578.8	559.1
-45°	771.6	742.6	711.3	690.4	665.6	642.0	617.6	596.8	576.9	558.4	541.6
-47.5°	696.0	680.5	663.9	648.8	629.3	608.6	589.7	571.1	553.8	537.4	519.4
-50°	645.6	636.3	625.1	612.3	596.5	579.4	562.9	544.9	530.3	515.1	497.5
-52.5°	608.2	600.5	590.8	578.8	567.0	553.2	537.5	522.1	508.1	492.5	475.2
-55°	576.7	569.8	561.4	552.3	542.1	528.1	514.1	499.6	484.6	469.3	448.2
-57.5°	548.1	541.7	532.8	523.5	514.1	501.5	488.0	474.4	458.8	440.6	419.0
-60°	513.5	508.1	498.5	489.6	481.7	472.0	456.8	442.4	429.0	407.4	384.1
-62.5°	469.1	461.8	455.7	448.5	440.7	431.4	418.6	403.7	387.3	368.4	346.8
-65°	421.6	412.7	407.1	402.2	395.6	387.3	374.6	360.3	344.1	326.1	307.5
-67.5°	376.1	368.1	362.6	357.2	350.4	342.1	330.0	315.9	300.5	284.4	268.4
-70°	330.5	324.2	318.5	312.6	305.2	296.1	284.4	271.4	257.7	243.8	230.3
-72.5°	283.1	278.2	272.5	265.7	257.7	248.9	239.0	228.1	216.7	204.7	193.0
-75°	234.5	229.8	224.3	217.9	210.9	203.4	195.4	186.5	177.2	167.5	157.6
-77.5°	184.3	180.0	175.2	170.4	165.3	160.0	154.0	146.7	139.3	131.5	123.7
-80°	134.9	131.8	128.6	125.7	122.6	119.1	115.0	109.2	103.1	97.1	91.5
-82.5°	91.0	88.8	86.4	84.6	82.7	80.5	78.0	74.3	70.5	66.6	62.7
-85°	51.6	49.6	47.5	46.9	46.2	45.3	44.3	42.4	40.3	38.2	35.9
-87.5°	17.6	16.5	15.4	15.8	16.2	16.5	16.7	16.2	15.6	15.0	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	13.8	13.1	12.4	11.7	11.0	10.2	9.4	8.6	7.5	6.4	5.4
85°	33.5	31.1	28.5	25.9	23.1	20.4	18.8	17.2	14.9	12.8	10.7
82.5°	58.9	55.1	51.3	47.2	42.7	38.1	33.7	29.4	24.6	19.5	16.0
80°	86.3	80.9	75.4	69.5	62.8	55.8	49.6	43.7	37.8	31.6	25.0
77.5°	116.1	108.3	100.2	92.7	85.0	76.8	68.0	58.9	51.0	43.6	35.8
75°	147.9	138.4	128.7	118.6	108.2	97.7	87.7	77.2	66.6	55.9	46.6
72.5°	181.7	169.9	157.7	145.2	133.1	120.7	108.0	95.3	83.0	70.5	57.8
70°	216.4	202.0	187.7	173.6	158.9	143.6	129.1	114.1	99.2	84.9	70.5
67.5°	251.8	235.6	218.8	202.2	185.8	168.5	150.4	132.9	115.9	99.2	83.0
65°	289.0	269.9	250.2	231.3	212.5	193.7	173.8	152.0	132.2	113.5	95.3
62.5°	325.6	304.7	282.6	260.2	238.8	217.9	196.7	172.5	148.6	127.5	107.4
60°	361.1	337.6	313.9	289.1	264.8	241.4	217.9	192.5	166.4	141.2	119.2
57.5°	393.6	369.0	342.5	316.3	290.1	264.3	238.3	211.4	183.8	156.0	130.6
55°	424.2	397.3	369.7	341.4	313.9	286.4	258.2	229.5	200.4	170.8	141.9
52.5°	452.8	424.8	395.4	365.4	335.7	307.3	277.5	247.1	216.2	185.0	154.2
50°	477.9	451.5	420.5	388.8	356.6	326.5	296.3	264.1	231.6	198.7	166.3
47.5°	499.0	474.8	444.7	411.4	377.5	345.4	313.8	280.5	246.3	211.8	177.8
45°	519.6	496.2	467.1	433.1	398.1	364.2	330.7	296.3	260.5	224.5	188.9
42.5°	538.9	515.5	488.4	454.0	417.8	382.3	347.2	311.3	274.1	236.5	199.4
40°	555.3	532.5	508.4	474.1	436.5	399.4	362.8	325.7	287.1	248.0	209.3
37.5°	571.2	547.9	523.1	493.0	453.9	415.4	377.4	339.5	299.7	259.1	218.7
35°	586.7	562.6	536.3	507.7	470.2	430.3	391.1	352.4	311.4	269.6	227.4
32.5°	600.6	575.7	548.5	519.6	485.1	444.1	403.8	363.8	322.3	279.7	235.6
30°	617.1	586.8	559.4	531.2	497.9	456.8	415.5	374.3	332.4	289.1	243.2
27.5°	632.9	597.4	569.2	540.9	508.0	468.3	426.3	384.1	341.6	297.7	250.8
25°	648.1	609.6	578.3	549.0	517.6	479.3	436.3	393.0	349.7	305.2	257.7
22.5°	665.6	620.8	586.8	556.1	526.8	489.2	445.3	401.1	356.9	311.9	264.1
20°	681.3	630.0	594.6	562.7	533.7	496.7	453.3	408.4	363.3	317.9	269.9
17.5°	696.5	640.4	602.3	569.1	538.9	503.2	460.4	414.7	369.0	323.0	275.0
15°	717.6	652.3	609.0	574.6	543.2	508.8	466.4	420.1	373.8	327.4	279.6
12.5°	735.8	662.3	614.5	579.1	546.8	513.4	471.4	424.6	377.8	331.3	283.7
10°	750.5	670.3	618.8	582.5	549.5	517.0	475.4	428.5	381.5	334.7	287.0
7.5°	761.7	676.3	621.9	585.0	551.4	519.7	479.0	431.8	384.5	337.3	289.6
5°	769.3	680.2	624.4	586.4	552.5	521.3	481.7	434.3	386.7	339.2	291.5
2.5°	773.2	681.9	626.3	586.8	552.7	521.8	483.4	435.7	388.0	340.3	292.6
0°	773.5	681.5	627.0	586.1	552.0	521.3	483.9	436.2	388.4	340.7	293.0
-2.5°	773.2	681.9	626.3	586.8	552.7	521.8	483.4	435.7	388.0	340.3	292.6
-5°	769.3	680.2	624.4	586.4	552.5	521.3	481.7	434.3	386.7	339.2	291.5
-7.5°	761.7	676.3	621.9	585.0	551.4	519.7	479.0	431.8	384.5	337.3	289.6
-10°	750.5	670.3	618.8	582.5	549.5	517.0	475.4	428.5	381.5	334.7	287.0
-12.5°	735.8	662.3	614.5	579.1	546.8	513.4	471.4	424.6	377.8	331.3	283.7
-15°	717.6	652.3	609.0	574.6	543.2	508.8	466.4	420.1	373.8	327.4	279.6
-17.5°	696.5	640.4	602.3	569.1	538.9	503.2	460.4	414.7	369.0	323.0	275.0
-20°	681.3	630.0	594.6	562.7	533.7	496.7	453.3	408.4	363.3	317.9	269.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	665.6	620.8	586.8	556.1	526.8	489.2	445.3	401.1	356.9	311.9	264.1
-25°	648.1	609.6	578.3	549.0	517.6	479.3	436.3	393.0	349.7	305.2	257.7
-27.5°	632.9	597.4	569.2	540.9	508.0	468.3	426.3	384.1	341.6	297.7	250.8
-30°	617.1	586.8	559.4	531.2	497.9	456.8	415.5	374.3	332.4	289.1	243.2
-32.5°	600.6	575.7	548.5	519.6	485.1	444.1	403.8	363.8	322.3	279.7	235.6
-35°	586.7	562.6	536.3	507.7	470.2	430.3	391.1	352.4	311.4	269.6	227.4
-37.5°	571.2	547.9	523.1	493.0	453.9	415.4	377.4	339.5	299.7	259.1	218.7
-40°	555.3	532.5	508.4	474.1	436.5	399.4	362.8	325.7	287.1	248.0	209.3
-42.5°	538.9	515.5	488.4	454.0	417.8	382.3	347.2	311.3	274.1	236.5	199.4
-45°	519.6	496.2	467.1	433.1	398.1	364.2	330.7	296.3	260.5	224.5	188.9
-47.5°	499.0	474.8	444.7	411.4	377.5	345.4	313.8	280.5	246.3	211.8	177.8
-50°	477.9	451.5	420.5	388.8	356.6	326.5	296.3	264.1	231.6	198.7	166.3
-52.5°	452.8	424.8	395.4	365.4	335.7	307.3	277.5	247.1	216.2	185.0	154.2
-55°	424.2	397.3	369.7	341.4	313.9	286.4	258.2	229.5	200.4	170.8	141.9
-57.5°	393.6	369.0	342.5	316.3	290.1	264.3	238.3	211.4	183.8	156.0	130.6
-60°	361.1	337.6	313.9	289.1	264.8	241.4	217.9	192.5	166.4	141.2	119.2
-62.5°	325.6	304.7	282.6	260.2	238.8	217.9	196.7	172.5	148.6	127.5	107.4
-65°	289.0	269.9	250.2	231.3	212.5	193.7	173.8	152.0	132.2	113.5	95.3
-67.5°	251.8	235.6	218.8	202.2	185.8	168.5	150.4	132.9	115.9	99.2	83.0
-70°	216.4	202.0	187.7	173.6	158.9	143.6	129.1	114.1	99.2	84.9	70.5
-72.5°	181.7	169.9	157.7	145.2	133.1	120.7	108.0	95.3	83.0	70.5	57.8
-75°	147.9	138.4	128.7	118.6	108.2	97.7	87.7	77.2	66.6	55.9	46.6
-77.5°	116.1	108.3	100.2	92.7	85.0	76.8	68.0	58.9	51.0	43.6	35.8
-80°	86.3	80.9	75.4	69.5	62.8	55.8	49.6	43.7	37.8	31.6	25.0
-82.5°	58.9	55.1	51.3	47.2	42.7	38.1	33.7	29.4	24.6	19.5	16.0
-85°	33.5	31.1	28.5	25.9	23.1	20.4	18.8	17.2	14.9	12.8	10.7
-87.5°	13.8	13.1	12.4	11.7	11.0	10.2	9.4	8.6	7.5	6.4	5.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627057 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
85°	8.8	7.4	5.9	4.4	3.0	1.5	0.0
82.5°	13.2	11.0	8.8	6.6	4.4	2.2	0.0
80°	18.1	14.6	11.7	8.8	5.9	3.0	0.0
77.5°	27.7	19.8	14.6	11.0	7.4	3.7	0.0
75°	37.1	27.7	18.1	13.2	8.8	4.4	0.0
72.5°	46.5	35.5	24.4	15.3	10.2	5.1	0.0
70°	55.9	43.2	30.6	17.9	11.6	5.8	0.0
67.5°	66.5	50.8	36.7	22.4	13.0	6.5	0.0
65°	76.9	58.8	42.6	26.9	14.4	7.2	0.0
62.5°	87.1	67.1	48.5	31.3	15.7	7.8	0.0
60°	97.0	75.3	54.2	35.6	17.0	8.5	0.0
57.5°	106.9	83.2	60.5	39.8	19.7	9.1	0.0
55°	116.7	90.9	66.5	43.9	22.4	9.7	0.0
52.5°	126.2	98.4	72.4	47.9	25.0	10.3	0.0
50°	135.4	106.1	78.1	51.7	27.4	10.9	0.0
47.5°	144.5	113.7	83.5	55.5	29.8	11.5	0.0
45°	153.9	120.9	88.7	59.4	32.1	12.0	0.0
42.5°	162.9	127.9	93.6	63.1	34.2	12.5	0.0
40°	171.4	134.6	98.6	66.5	36.3	13.0	0.0
37.5°	179.5	141.0	103.7	69.7	38.2	13.5	0.0
35°	187.0	147.2	108.5	72.7	40.0	13.9	0.0
32.5°	194.0	153.1	113.1	75.4	41.7	14.3	0.0
30°	200.5	158.6	117.3	78.0	43.2	14.7	0.0
27.5°	206.4	163.6	121.1	80.4	44.6	15.1	0.0
25°	211.9	168.2	124.6	82.6	45.9	15.4	0.0
22.5°	216.7	172.3	127.7	84.6	47.0	15.7	0.0
20°	221.0	175.8	130.4	86.3	48.0	16.0	0.0
17.5°	224.9	178.8	132.8	87.8	48.9	16.2	0.0
15°	228.4	181.4	134.9	89.1	49.6	16.4	0.0
12.5°	231.4	183.5	136.6	90.2	50.2	16.6	0.0
10°	233.9	185.2	138.0	91.0	50.6	16.7	0.0
7.5°	235.9	186.5	138.9	91.6	51.0	16.9	0.0
5°	237.3	187.2	139.6	92.0	51.1	16.9	0.0
2.5°	238.2	187.5	139.8	92.1	51.2	17.0	0.0
0°	238.5	187.4	139.7	92.0	51.1	17.0	0.0
-2.5°	238.2	187.5	139.8	92.1	51.2	17.0	0.0
-5°	237.3	187.2	139.6	92.0	51.1	16.9	0.0
-7.5°	235.9	186.5	138.9	91.6	51.0	16.9	0.0
-10°	233.9	185.2	138.0	91.0	50.6	16.7	0.0
-12.5°	231.4	183.5	136.6	90.2	50.2	16.6	0.0
-15°	228.4	181.4	134.9	89.1	49.6	16.4	0.0
-17.5°	224.9	178.8	132.8	87.8	48.9	16.2	0.0
-20°	221.0	175.8	130.4	86.3	48.0	16.0	0.0

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CATALOG NUMBER: GFLD-SA2E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	216.7	172.3	127.7	84.6	47.0	15.7	0.0
-25°	211.9	168.2	124.6	82.6	45.9	15.4	0.0
-27.5°	206.4	163.6	121.1	80.4	44.6	15.1	0.0
-30°	200.5	158.6	117.3	78.0	43.2	14.7	0.0
-32.5°	194.0	153.1	113.1	75.4	41.7	14.3	0.0
-35°	187.0	147.2	108.5	72.7	40.0	13.9	0.0
-37.5°	179.5	141.0	103.7	69.7	38.2	13.5	0.0
-40°	171.4	134.6	98.6	66.5	36.3	13.0	0.0
-42.5°	162.9	127.9	93.6	63.1	34.2	12.5	0.0
-45°	153.9	120.9	88.7	59.4	32.1	12.0	0.0
-47.5°	144.5	113.7	83.5	55.5	29.8	11.5	0.0
-50°	135.4	106.1	78.1	51.7	27.4	10.9	0.0
-52.5°	126.2	98.4	72.4	47.9	25.0	10.3	0.0
-55°	116.7	90.9	66.5	43.9	22.4	9.7	0.0
-57.5°	106.9	83.2	60.5	39.8	19.7	9.1	0.0
-60°	97.0	75.3	54.2	35.6	17.0	8.5	0.0
-62.5°	87.1	67.1	48.5	31.3	15.7	7.8	0.0
-65°	76.9	58.8	42.6	26.9	14.4	7.2	0.0
-67.5°	66.5	50.8	36.7	22.4	13.0	6.5	0.0
-70°	55.9	43.2	30.6	17.9	11.6	5.8	0.0
-72.5°	46.5	35.5	24.4	15.3	10.2	5.1	0.0
-75°	37.1	27.7	18.1	13.2	8.8	4.4	0.0
-77.5°	27.7	19.8	14.6	11.0	7.4	3.7	0.0
-80°	18.1	14.6	11.7	8.8	5.9	3.0	0.0
-82.5°	13.2	11.0	8.8	6.6	4.4	2.2	0.0
-85°	8.8	7.4	5.9	4.4	3.0	1.5	0.0
-87.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)