

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: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-740-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627107 (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-740-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N75  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

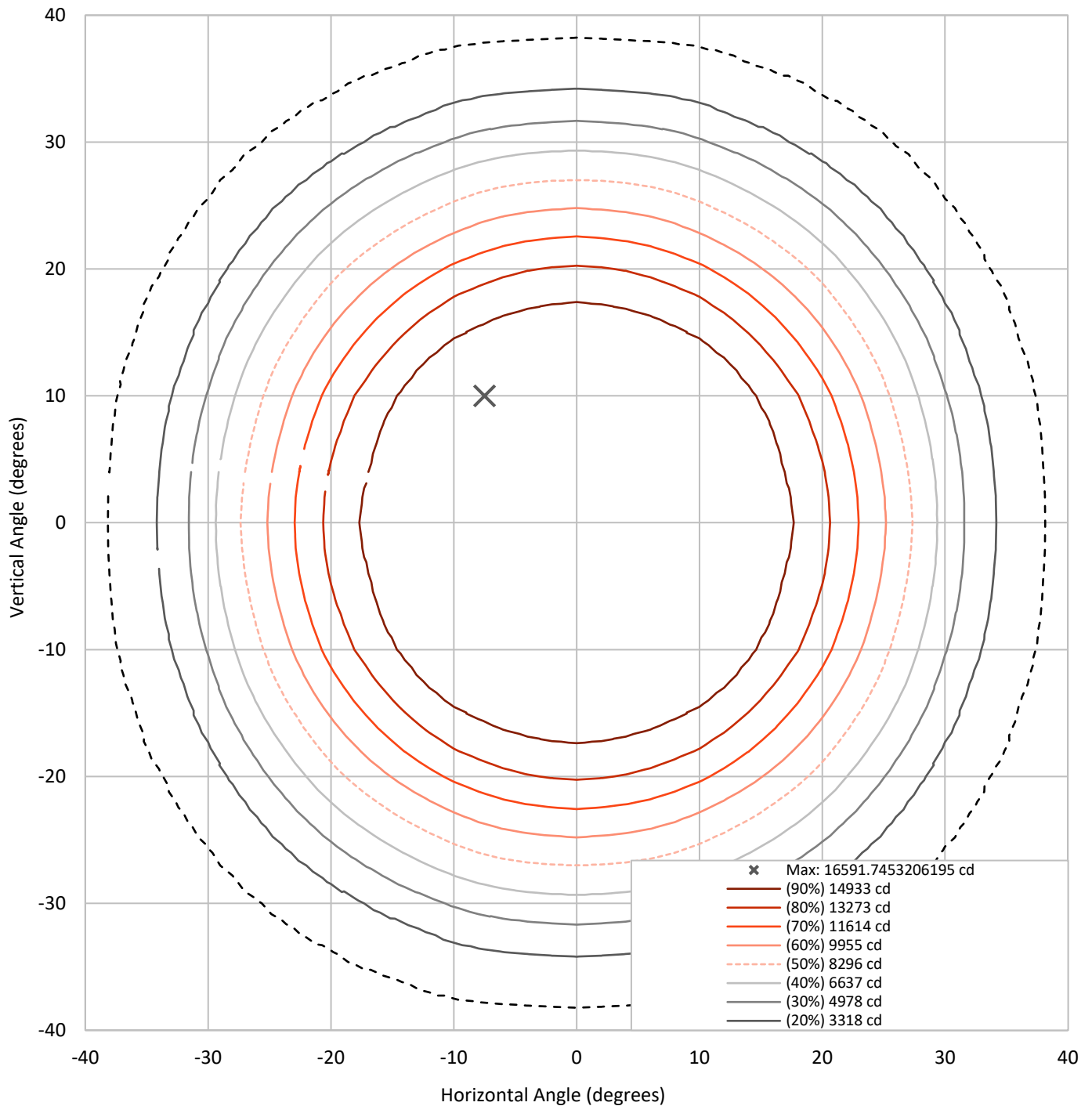
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14121.1 lumens	Max Intensity:	16591.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	150.7 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:	9372.8 lumens	Field Lumens:	12187.3 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





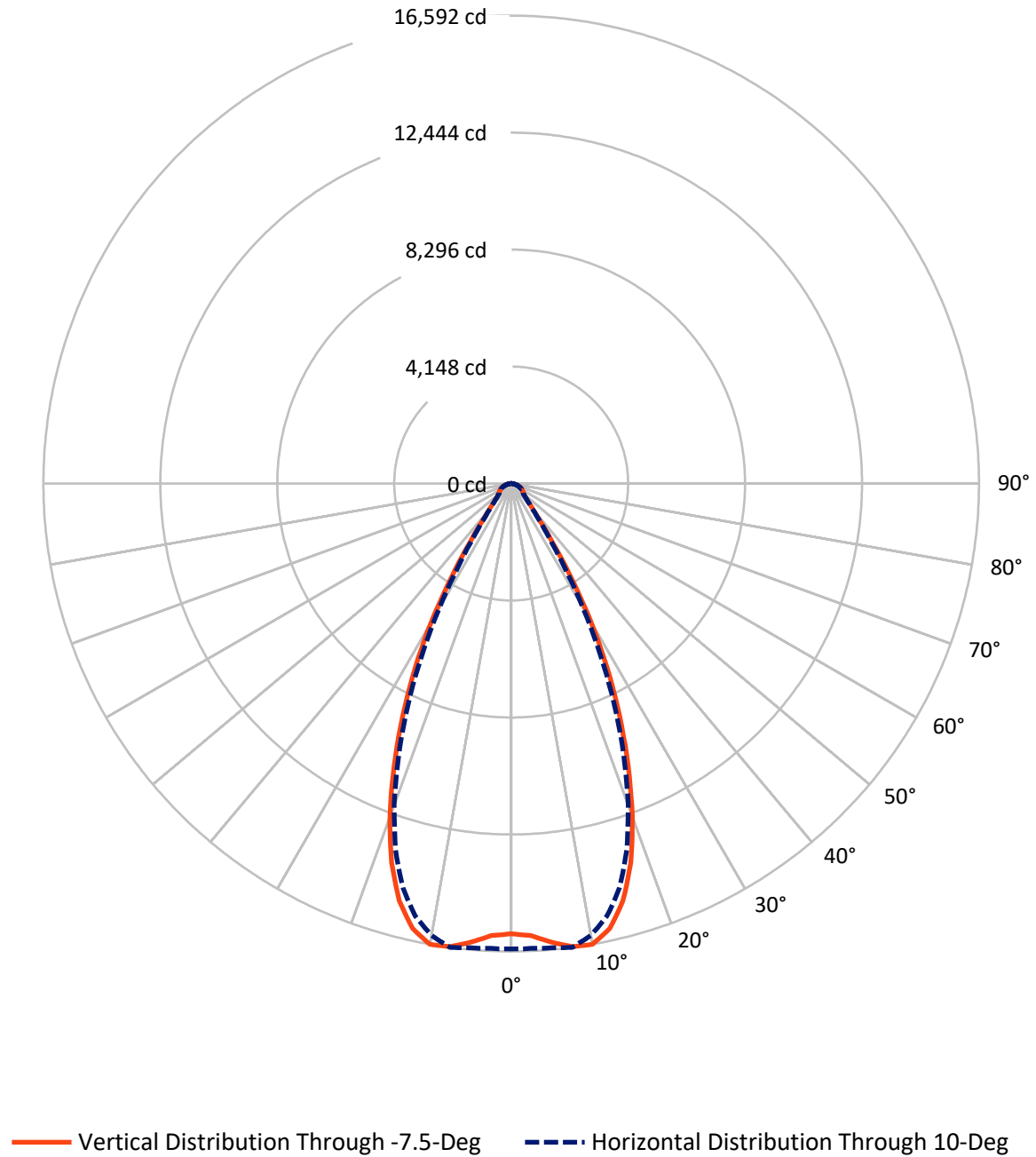
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### Lumen Table

90																			
80	0.4	3.3		8.9		14.0		15.7		14.0		8.9		3.3		0.4			
70																			
60	1.5	1.7	3.5	5.7	7.9	9.6	10.8	11.5	11.5	10.8	9.6	7.9	5.7	3.5	1.7	1.5			
50		2.5	5.1	8.2	10.9	13.2	14.7	15.4	15.4	14.7	13.2	10.9	8.2	5.1	2.5				
40	2.7	3.3	6.5	9.9	13.2	17.3	21.7	24.9	24.9	21.7	17.3	13.2	9.9	6.5	3.3	2.7			
30		3.9	7.5	11.4	17.6	32.1	61.4	91.1	91.1	61.4	32.1	17.6	11.4	7.5	3.9				
20	3.4	4.4	8.2	13.3	28.9	90.6	203.4	284.0	284.0	203.4	90.6	28.9	13.3	8.2	4.4	3.4			
10		4.6	8.6	15.8	52.3	193.3	369.0	461.9	461.9	369.0	193.3	52.3	15.8	8.6	4.6				
0	3.7	4.8	8.8	17.7	75.3	264.5	447.7	487.1	487.1	447.7	264.5	75.3	17.7	8.8	4.8	3.7			
-10		4.8	8.8	17.7	75.3	264.5	447.7	487.1	487.1	447.7	264.5	75.3	17.7	8.8	4.8				
-20	3.4	4.6	8.6	15.8	52.3	193.3	369.0	461.9	461.9	369.0	193.3	52.3	15.8	8.6	4.6	3.4			
-30		4.4	8.2	13.3	28.9	90.6	203.4	284.0	284.0	203.4	90.6	28.9	13.3	8.2	4.4				
-40	2.7	3.9	7.5	11.4	17.6	32.1	61.4	91.1	91.1	61.4	32.1	17.6	11.4	7.5	3.9	2.7			
-50		3.3	6.5	9.9	13.2	17.3	21.7	24.9	24.9	21.7	17.3	13.2	9.9	6.5	3.3				
-60	1.5	2.5	5.1	8.2	10.9	13.2	14.7	15.4	15.4	14.7	13.2	10.9	8.2	5.1	2.5	1.5			
-70		1.7	3.5	5.7	7.9	9.6	10.8	11.5	11.5	10.8	9.6	7.9	5.7	3.5	1.7				
-80																			
-90	0.4	3.3		8.9		14.0		15.7		14.0		8.9		3.3		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

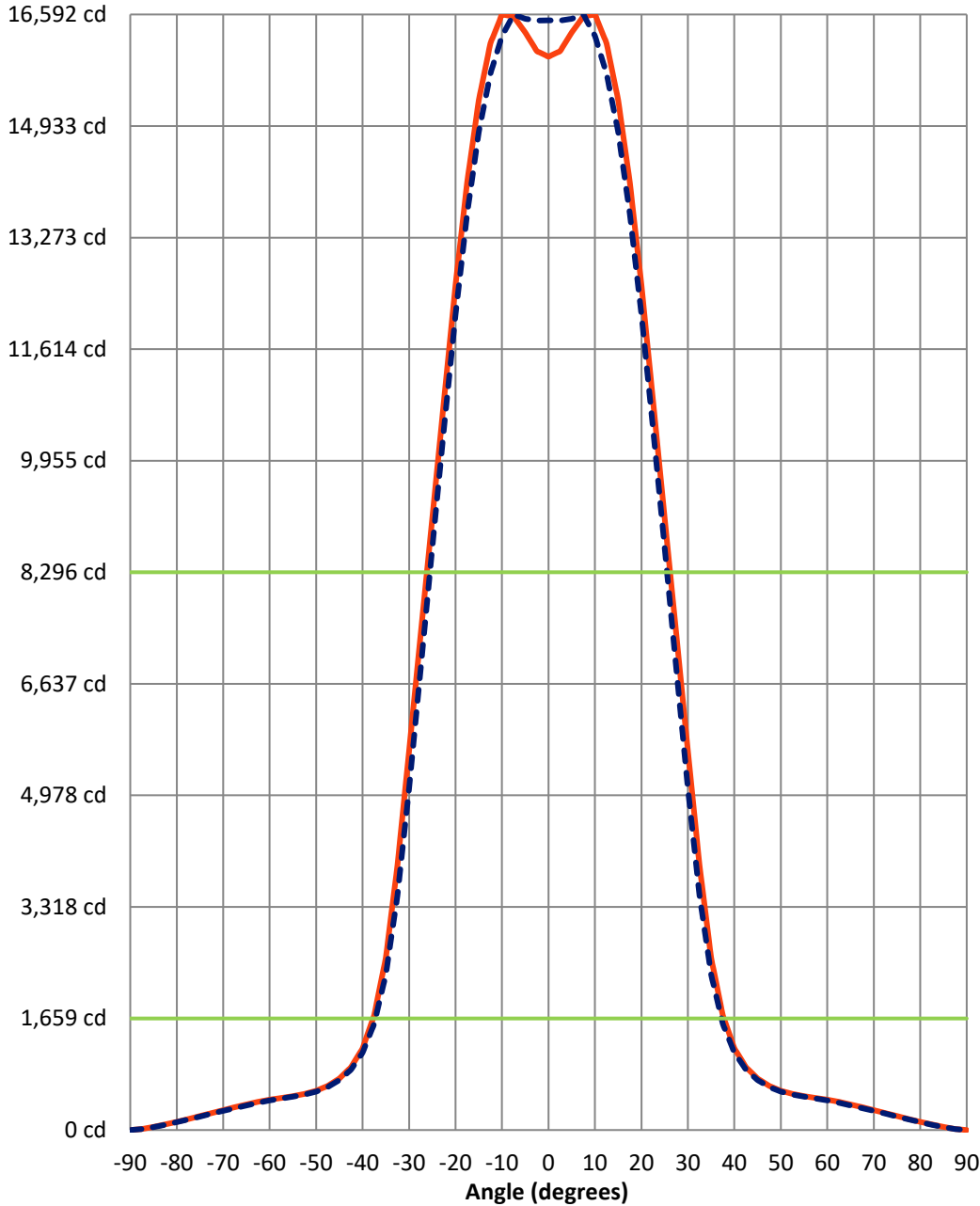
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 51°  
V Angle: 52.3°  
Lumens: 9372.8  
Efficiency: 66.4%

**Field:**  
H Angle: 74.5°  
V Angle: 75.5°  
Lumens: 12187.3  
Efficiency: 86.3%

**Spill:**  
Lumens: 1933.9  
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	2.5	3.1	3.8	4.6	5.5	6.4	7.3
85°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	9.1	10.9	12.7	14.7
82.5°	0.0	1.9	3.8	5.7	7.5	9.4	11.2	13.7	16.6	21.0	25.1
80°	0.0	2.5	5.0	7.5	10.0	12.5	15.5	21.3	27.0	32.3	37.3
77.5°	0.0	3.1	6.3	9.4	12.5	16.9	23.6	30.6	37.2	43.5	50.2
75°	0.0	3.8	7.5	11.2	15.5	23.6	31.7	39.8	47.7	56.8	65.8
72.5°	0.0	4.4	8.7	13.0	20.8	30.3	39.6	49.3	60.1	70.7	81.2
70°	0.0	5.0	9.9	15.3	26.1	36.8	47.7	60.1	72.4	84.5	97.3
67.5°	0.0	5.5	11.1	19.1	31.3	43.3	56.7	70.7	84.5	98.8	113.3
65°	0.0	6.1	12.2	23.0	36.4	50.1	65.6	81.2	96.8	112.7	129.6
62.5°	0.0	6.7	13.4	26.7	41.4	57.3	74.3	91.5	108.7	126.7	147.1
60°	0.0	7.2	14.5	30.4	46.3	64.2	82.7	101.6	120.4	141.9	164.1
57.5°	0.0	7.8	16.8	34.0	51.6	70.9	91.1	111.4	133.0	156.6	180.1
55°	0.0	8.3	19.1	37.5	56.7	77.5	99.4	121.0	145.6	170.8	195.6
52.5°	0.0	8.8	21.3	40.8	61.7	83.9	107.5	131.5	157.7	184.3	210.6
50°	0.0	9.3	23.4	44.1	66.5	90.5	115.4	141.7	169.3	197.4	225.1
47.5°	0.0	9.8	25.4	47.3	71.2	96.9	123.2	151.6	180.5	210.0	239.1
45°	0.0	10.3	27.4	50.6	75.6	103.1	131.2	161.0	191.3	222.0	252.5
42.5°	0.0	10.7	29.2	53.8	79.8	109.0	138.9	169.9	201.6	233.6	265.3
40°	0.0	11.1	31.0	56.7	84.0	114.7	146.1	178.4	211.4	244.7	277.5
37.5°	0.0	11.5	32.6	59.4	88.4	120.2	152.9	186.4	220.8	255.4	289.3
35°	0.0	11.9	34.1	61.9	92.5	125.5	159.4	193.8	229.8	265.4	300.3
32.5°	0.0	12.2	35.5	64.3	96.4	130.5	165.3	200.8	238.3	274.7	310.0
30°	0.0	12.6	36.8	66.5	100.0	135.2	170.9	207.3	246.4	283.3	319.0
27.5°	0.0	12.9	38.0	68.6	103.2	139.5	175.9	213.7	253.7	291.1	327.3
25°	0.0	13.1	39.1	70.4	106.2	143.4	180.6	219.7	260.1	298.0	334.9
22.5°	0.0	13.4	40.1	72.1	108.8	146.8	184.7	225.1	265.8	304.2	341.8
20°	0.0	13.6	41.0	73.6	111.2	149.8	188.4	230.0	270.9	309.6	348.0
17.5°	0.0	13.8	41.7	74.9	113.3	152.4	191.7	234.4	275.3	314.4	353.4
15°	0.0	14.0	42.3	76.0	115.0	154.6	194.7	238.3	279.0	318.6	358.0
12.5°	0.0	14.2	42.8	76.9	116.5	156.4	197.2	241.8	282.4	322.0	361.9
10°	0.0	14.3	43.2	77.6	117.6	157.8	199.4	244.6	285.2	325.2	365.1
7.5°	0.0	14.4	43.5	78.1	118.5	158.9	201.1	246.8	287.5	327.7	368.0
5°	0.0	14.4	43.6	78.4	119.0	159.6	202.3	248.4	289.1	329.5	370.0
2.5°	0.0	14.5	43.7	78.5	119.2	159.8	203.0	249.4	290.1	330.6	371.3
0°	0.0	14.5	43.6	78.4	119.1	159.7	203.3	249.7	290.4	331.0	371.7
-2.5°	0.0	14.5	43.7	78.5	119.2	159.8	203.0	249.4	290.1	330.6	371.3
-5°	0.0	14.4	43.6	78.4	119.0	159.6	202.3	248.4	289.1	329.5	370.0
-7.5°	0.0	14.4	43.5	78.1	118.5	158.9	201.1	246.8	287.5	327.7	368.0
-10°	0.0	14.3	43.2	77.6	117.6	157.8	199.4	244.6	285.2	325.2	365.1
-12.5°	0.0	14.2	42.8	76.9	116.5	156.4	197.2	241.8	282.4	322.0	361.9
-15°	0.0	14.0	42.3	76.0	115.0	154.6	194.7	238.3	279.0	318.6	358.0
-17.5°	0.0	13.8	41.7	74.9	113.3	152.4	191.7	234.4	275.3	314.4	353.4
-20°	0.0	13.6	41.0	73.6	111.2	149.8	188.4	230.0	270.9	309.6	348.0

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CATALOG NUMBER: GFLD-SA3B-740-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	13.4	40.1	72.1	108.8	146.8	184.7	225.1	265.8	304.2	341.8
-25°	0.0	13.1	39.1	70.4	106.2	143.4	180.6	219.7	260.1	298.0	334.9
-27.5°	0.0	12.9	38.0	68.6	103.2	139.5	175.9	213.7	253.7	291.1	327.3
-30°	0.0	12.6	36.8	66.5	100.0	135.2	170.9	207.3	246.4	283.3	319.0
-32.5°	0.0	12.2	35.5	64.3	96.4	130.5	165.3	200.8	238.3	274.7	310.0
-35°	0.0	11.9	34.1	61.9	92.5	125.5	159.4	193.8	229.8	265.4	300.3
-37.5°	0.0	11.5	32.6	59.4	88.4	120.2	152.9	186.4	220.8	255.4	289.3
-40°	0.0	11.1	31.0	56.7	84.0	114.7	146.1	178.4	211.4	244.7	277.5
-42.5°	0.0	10.7	29.2	53.8	79.8	109.0	138.9	169.9	201.6	233.6	265.3
-45°	0.0	10.3	27.4	50.6	75.6	103.1	131.2	161.0	191.3	222.0	252.5
-47.5°	0.0	9.8	25.4	47.3	71.2	96.9	123.2	151.6	180.5	210.0	239.1
-50°	0.0	9.3	23.4	44.1	66.5	90.5	115.4	141.7	169.3	197.4	225.1
-52.5°	0.0	8.8	21.3	40.8	61.7	83.9	107.5	131.5	157.7	184.3	210.6
-55°	0.0	8.3	19.1	37.5	56.7	77.5	99.4	121.0	145.6	170.8	195.6
-57.5°	0.0	7.8	16.8	34.0	51.6	70.9	91.1	111.4	133.0	156.6	180.1
-60°	0.0	7.2	14.5	30.4	46.3	64.2	82.7	101.6	120.4	141.9	164.1
-62.5°	0.0	6.7	13.4	26.7	41.4	57.3	74.3	91.5	108.7	126.7	147.1
-65°	0.0	6.1	12.2	23.0	36.4	50.1	65.6	81.2	96.8	112.7	129.6
-67.5°	0.0	5.5	11.1	19.1	31.3	43.3	56.7	70.7	84.5	98.8	113.3
-70°	0.0	5.0	9.9	15.3	26.1	36.8	47.7	60.1	72.4	84.5	97.3
-72.5°	0.0	4.4	8.7	13.0	20.8	30.3	39.6	49.3	60.1	70.7	81.2
-75°	0.0	3.8	7.5	11.2	15.5	23.6	31.7	39.8	47.7	56.8	65.8
-77.5°	0.0	3.1	6.3	9.4	12.5	16.9	23.6	30.6	37.2	43.5	50.2
-80°	0.0	2.5	5.0	7.5	10.0	12.5	15.5	21.3	27.0	32.3	37.3
-82.5°	0.0	1.9	3.8	5.7	7.5	9.4	11.2	13.7	16.6	21.0	25.1
-85°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	9.1	10.9	12.7	14.7
-87.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.8	4.6	5.5	6.4	7.3
-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°	8.0	8.7	9.3	10.0	10.6	11.2	11.8	12.3	12.8	13.3	13.8
85°	16.1	17.4	19.7	22.1	24.3	26.5	28.6	30.6	32.6	34.4	36.2
82.5°	28.8	32.5	36.4	40.3	43.7	47.0	50.2	53.5	56.8	60.1	63.3
80°	42.4	47.6	53.6	59.3	64.3	69.0	73.6	78.0	82.8	87.9	93.1
77.5°	58.0	65.4	72.5	79.0	85.4	92.3	99.0	105.4	112.1	118.7	125.0
75°	74.7	83.3	92.2	101.1	109.7	118.0	126.1	134.4	142.8	151.0	159.0
72.5°	92.0	102.9	113.5	123.8	134.4	144.8	154.9	164.5	174.5	184.7	194.4
70°	110.0	122.4	135.4	148.0	160.0	172.1	184.4	196.2	207.8	219.6	231.2
67.5°	128.2	143.7	158.3	172.3	186.5	200.8	214.6	228.7	242.3	256.1	269.2
65°	148.1	165.0	181.1	197.1	213.2	229.9	246.2	262.0	277.9	293.2	307.0
62.5°	167.7	185.7	203.5	221.7	240.8	259.6	277.4	295.5	314.0	330.0	344.0
60°	185.7	205.7	225.6	246.3	267.4	287.7	307.7	327.4	347.2	365.7	377.1
57.5°	203.1	225.2	247.2	269.5	291.8	314.4	335.4	357.0	375.5	391.0	404.2
55°	220.0	244.0	267.5	290.9	315.0	338.6	361.4	382.0	400.0	412.9	425.7
52.5°	236.5	261.8	286.0	311.4	336.9	362.0	385.9	404.9	419.7	432.9	444.9
50°	252.4	278.2	303.8	331.3	358.3	384.8	407.2	423.9	438.9	451.9	464.4
47.5°	267.4	294.3	321.6	350.5	378.9	404.6	425.2	442.6	458.0	471.9	486.7
45°	281.8	310.3	339.2	369.1	398.1	422.8	442.7	461.5	475.9	491.6	508.6
42.5°	295.8	325.7	356.0	386.9	416.2	439.3	459.2	476.4	493.3	512.0	532.4
40°	309.1	340.3	371.9	404.0	433.2	453.7	473.2	491.5	512.0	534.1	557.8
37.5°	321.6	353.9	386.8	420.1	445.8	466.9	486.8	507.2	531.0	556.7	588.9
35°	333.2	366.7	400.6	432.6	457.0	479.4	500.0	522.7	550.5	584.1	625.4
32.5°	344.0	378.5	413.4	442.7	467.4	490.6	511.8	540.1	573.6	613.5	671.9
30°	354.0	389.2	424.3	452.7	476.7	500.0	525.8	557.8	596.9	655.2	729.8
27.5°	363.3	399.0	432.8	461.0	485.0	509.1	539.3	578.0	629.5	699.1	791.8
25°	371.7	408.4	441.1	467.9	492.8	519.5	552.3	595.8	663.5	753.3	878.7
22.5°	379.4	416.8	448.9	473.9	500.0	529.0	567.2	621.7	699.7	804.6	966.4
20°	386.3	423.2	454.8	479.5	506.7	536.8	580.5	646.1	740.2	876.2	1082.7
17.5°	392.3	428.8	459.2	485.0	513.2	545.7	593.5	667.4	776.3	938.6	1200.2
15°	397.4	433.6	462.9	489.6	518.9	555.9	611.5	695.1	818.2	1003.5	1302.6
12.5°	401.7	437.5	466.0	493.4	523.6	564.4	627.0	721.3	861.6	1083.2	1453.5
10°	405.1	440.6	468.3	496.4	527.3	571.2	639.5	742.8	897.7	1152.3	1582.3
7.5°	408.2	442.9	469.9	498.5	529.9	576.2	649.0	759.3	925.3	1206.6	1684.2
5°	410.5	444.3	470.8	499.7	532.1	579.6	655.5	770.7	944.4	1245.4	1755.9
2.5°	411.8	444.7	471.0	500.0	533.7	581.0	658.9	777.1	959.4	1263.7	1794.5
0°	412.3	444.3	470.4	499.4	534.3	580.7	659.1	778.2	966.9	1263.1	1800.3
-2.5°	411.8	444.7	471.0	500.0	533.7	581.0	658.9	777.1	959.4	1263.7	1794.5
-5°	410.5	444.3	470.8	499.7	532.1	579.6	655.5	770.7	944.4	1245.4	1755.9
-7.5°	408.2	442.9	469.9	498.5	529.9	576.2	649.0	759.3	925.3	1206.6	1684.2
-10°	405.1	440.6	468.3	496.4	527.3	571.2	639.5	742.8	897.7	1152.3	1582.3
-12.5°	401.7	437.5	466.0	493.4	523.6	564.4	627.0	721.3	861.6	1083.2	1453.5
-15°	397.4	433.6	462.9	489.6	518.9	555.9	611.5	695.1	818.2	1003.5	1302.6
-17.5°	392.3	428.8	459.2	485.0	513.2	545.7	593.5	667.4	776.3	938.6	1200.2
-20°	386.3	423.2	454.8	479.5	506.7	536.8	580.5	646.1	740.2	876.2	1082.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	379.4	416.8	448.9	473.9	500.0	529.0	567.2	621.7	699.7	804.6	966.4
-25°	371.7	408.4	441.1	467.9	492.8	519.5	552.3	595.8	663.5	753.3	878.7
-27.5°	363.3	399.0	432.8	461.0	485.0	509.1	539.3	578.0	629.5	699.1	791.8
-30°	354.0	389.2	424.3	452.7	476.7	500.0	525.8	557.8	596.9	655.2	729.8
-32.5°	344.0	378.5	413.4	442.7	467.4	490.6	511.8	540.1	573.6	613.5	671.9
-35°	333.2	366.7	400.6	432.6	457.0	479.4	500.0	522.7	550.5	584.1	625.4
-37.5°	321.6	353.9	386.8	420.1	445.8	466.9	486.8	507.2	531.0	556.7	588.9
-40°	309.1	340.3	371.9	404.0	433.2	453.7	473.2	491.5	512.0	534.1	557.8
-42.5°	295.8	325.7	356.0	386.9	416.2	439.3	459.2	476.4	493.3	512.0	532.4
-45°	281.8	310.3	339.2	369.1	398.1	422.8	442.7	461.5	475.9	491.6	508.6
-47.5°	267.4	294.3	321.6	350.5	378.9	404.6	425.2	442.6	458.0	471.9	486.7
-50°	252.4	278.2	303.8	331.3	358.3	384.8	407.2	423.9	438.9	451.9	464.4
-52.5°	236.5	261.8	286.0	311.4	336.9	362.0	385.9	404.9	419.7	432.9	444.9
-55°	220.0	244.0	267.5	290.9	315.0	338.6	361.4	382.0	400.0	412.9	425.7
-57.5°	203.1	225.2	247.2	269.5	291.8	314.4	335.4	357.0	375.5	391.0	404.2
-60°	185.7	205.7	225.6	246.3	267.4	287.7	307.7	327.4	347.2	365.7	377.1
-62.5°	167.7	185.7	203.5	221.7	240.8	259.6	277.4	295.5	314.0	330.0	344.0
-65°	148.1	165.0	181.1	197.1	213.2	229.9	246.2	262.0	277.9	293.2	307.0
-67.5°	128.2	143.7	158.3	172.3	186.5	200.8	214.6	228.7	242.3	256.1	269.2
-70°	110.0	122.4	135.4	148.0	160.0	172.1	184.4	196.2	207.8	219.6	231.2
-72.5°	92.0	102.9	113.5	123.8	134.4	144.8	154.9	164.5	174.5	184.7	194.4
-75°	74.7	83.3	92.2	101.1	109.7	118.0	126.1	134.4	142.8	151.0	159.0
-77.5°	58.0	65.4	72.5	79.0	85.4	92.3	99.0	105.4	112.1	118.7	125.0
-80°	42.4	47.6	53.6	59.3	64.3	69.0	73.6	78.0	82.8	87.9	93.1
-82.5°	28.8	32.5	36.4	40.3	43.7	47.0	50.2	53.5	56.8	60.1	63.3
-85°	16.1	17.4	19.7	22.1	24.3	26.5	28.6	30.6	32.6	34.4	36.2
-87.5°	8.0	8.7	9.3	10.0	10.6	11.2	11.8	12.3	12.8	13.3	13.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	14.3	14.1	13.8	13.5	13.1	14.1	15.0	15.9	16.8	16.3	15.7
85°	37.8	38.7	39.4	40.0	40.5	42.3	44.1	45.7	47.2	47.2	47.0
82.5°	66.5	68.6	70.5	72.1	73.6	75.7	77.6	79.2	80.6	81.7	82.5
80°	98.0	101.5	104.5	107.2	109.6	112.4	115.0	117.3	119.3	120.4	121.1
77.5°	131.3	136.4	140.9	145.2	149.3	153.4	157.1	160.4	163.3	163.9	163.8
75°	166.5	173.3	179.7	185.7	191.1	195.8	199.8	203.2	205.9	207.3	208.0
72.5°	203.7	212.1	219.6	226.4	232.2	237.0	241.2	244.8	247.9	249.8	251.0
70°	242.4	252.3	260.0	266.4	271.4	276.2	281.6	286.8	291.6	294.3	295.4
67.5°	281.2	291.5	298.6	304.4	309.0	313.7	320.5	326.6	332.1	335.7	338.1
65°	319.2	330.0	337.2	342.7	346.9	351.6	359.2	365.3	370.0	373.7	377.0
62.5°	356.8	367.7	375.6	382.2	388.3	393.5	399.8	404.9	408.8	412.5	416.6
60°	389.3	402.2	410.5	417.2	424.8	432.9	437.5	441.4	444.7	447.6	450.2
57.5°	415.8	427.4	438.1	446.2	454.0	461.6	467.0	470.6	473.5	475.7	476.6
55°	438.1	450.0	461.9	470.7	478.4	485.5	491.4	496.1	500.0	503.0	503.7
52.5°	458.0	471.4	483.1	493.2	503.4	511.8	518.3	524.7	530.2	534.7	536.7
50°	479.7	493.7	508.3	521.8	532.7	542.3	550.2	559.2	568.7	576.5	581.5
47.5°	502.5	518.7	536.3	552.9	565.8	580.0	593.1	606.5	624.2	639.0	649.9
45°	526.4	547.1	567.2	588.3	606.2	632.8	657.6	678.9	707.1	732.8	753.1
42.5°	554.5	580.4	605.0	638.9	674.3	710.8	750.1	783.7	827.9	872.8	909.1
40°	587.9	620.9	664.4	709.8	765.8	815.8	883.8	944.3	1012.1	1097.9	1168.7
37.5°	628.1	678.9	739.4	802.7	890.0	973.3	1085.7	1204.1	1311.5	1476.4	1615.1
35°	680.2	751.3	830.9	943.1	1066.6	1222.8	1398.0	1626.7	1822.8	2100.9	2366.7
32.5°	747.4	838.9	968.9	1142.0	1324.5	1608.1	1886.1	2283.2	2650.8	3091.7	3567.4
30°	822.2	961.4	1160.0	1397.4	1737.9	2155.1	2645.3	3255.1	3922.4	4542.0	5152.6
27.5°	930.7	1130.1	1390.9	1774.1	2304.7	2888.4	3747.3	4575.0	5438.6	6206.3	6846.5
25°	1057.3	1320.8	1724.1	2288.3	3005.9	4005.5	5033.6	6055.1	6983.9	7787.6	8495.0
22.5°	1220.7	1599.7	2137.5	2868.2	3985.8	5183.8	6389.3	7516.1	8506.8	9401.7	10167.5
20°	1398.5	1872.8	2640.7	3730.4	5008.4	6373.2	7734.5	8934.8	10025.6	11040.3	11903.3
17.5°	1623.8	2288.1	3260.5	4567.7	6045.3	7540.7	8970.7	10273.2	11510.8	12584.6	13486.3
15°	1815.8	2653.8	3922.9	5456.1	7054.2	8631.7	10141.5	11556.3	12842.9	13944.6	14792.4
12.5°	2072.0	3063.6	4511.1	6219.8	7951.6	9611.4	11201.7	12664.0	13973.4	15062.9	15722.9
10°	2314.1	3488.0	5079.5	6861.4	8660.7	10429.2	12127.1	13626.9	14842.6	15709.3	16271.8
7.5°	2519.9	3852.7	5542.0	7380.1	9224.1	11073.1	12791.8	14251.0	15372.0	16095.8	16487.3
5°	2673.6	4125.3	5885.2	7801.6	9693.8	11575.2	13280.6	14650.4	15619.2	16157.0	16353.5
2.5°	2771.6	4285.4	6084.4	8078.1	10008.2	11893.0	13615.8	14964.2	15786.1	16142.6	16176.5
0°	2810.8	4306.1	6115.1	8223.2	10087.4	11983.5	13711.1	15093.3	15848.2	16141.5	16135.7
-2.5°	2771.6	4285.4	6084.4	8078.1	10008.2	11893.0	13615.8	14964.2	15786.1	16142.6	16176.5
-5°	2673.6	4125.3	5885.2	7801.6	9693.8	11575.2	13280.6	14650.4	15619.2	16157.0	16353.5
-7.5°	2519.9	3852.7	5542.0	7380.1	9224.1	11073.1	12791.8	14251.0	15372.0	16095.8	16487.3
-10°	2314.1	3488.0	5079.5	6861.4	8660.7	10429.2	12127.1	13626.9	14842.6	15709.3	16271.8
-12.5°	2072.0	3063.6	4511.1	6219.8	7951.6	9611.4	11201.7	12664.0	13973.4	15062.9	15722.9
-15°	1815.8	2653.8	3922.9	5456.1	7054.2	8631.7	10141.5	11556.3	12842.9	13944.6	14792.4
-17.5°	1623.8	2288.1	3260.5	4567.7	6045.3	7540.7	8970.7	10273.2	11510.8	12584.6	13486.3
-20°	1398.5	1872.8	2640.7	3730.4	5008.4	6373.2	7734.5	8934.8	10025.6	11040.3	11903.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1220.7	1599.7	2137.5	2868.2	3985.8	5183.8	6389.3	7516.1	8506.8	9401.7	10167.5
-25°	1057.3	1320.8	1724.1	2288.3	3005.9	4005.5	5033.6	6055.1	6983.9	7787.6	8495.0
-27.5°	930.7	1130.1	1390.9	1774.1	2304.7	2888.4	3747.3	4575.0	5438.6	6206.3	6846.5
-30°	822.2	961.4	1160.0	1397.4	1737.9	2155.1	2645.3	3255.1	3922.4	4542.0	5152.6
-32.5°	747.4	838.9	968.9	1142.0	1324.5	1608.1	1886.1	2283.2	2650.8	3091.7	3567.4
-35°	680.2	751.3	830.9	943.1	1066.6	1222.8	1398.0	1626.7	1822.8	2100.9	2366.7
-37.5°	628.1	678.9	739.4	802.7	890.0	973.3	1085.7	1204.1	1311.5	1476.4	1615.1
-40°	587.9	620.9	664.4	709.8	765.8	815.8	883.8	944.3	1012.1	1097.9	1168.7
-42.5°	554.5	580.4	605.0	638.9	674.3	710.8	750.1	783.7	827.9	872.8	909.1
-45°	526.4	547.1	567.2	588.3	606.2	632.8	657.6	678.9	707.1	732.8	753.1
-47.5°	502.5	518.7	536.3	552.9	565.8	580.0	593.1	606.5	624.2	639.0	649.9
-50°	479.7	493.7	508.3	521.8	532.7	542.3	550.2	559.2	568.7	576.5	581.5
-52.5°	458.0	471.4	483.1	493.2	503.4	511.8	518.3	524.7	530.2	534.7	536.7
-55°	438.1	450.0	461.9	470.7	478.4	485.5	491.4	496.1	500.0	503.0	503.7
-57.5°	415.8	427.4	438.1	446.2	454.0	461.6	467.0	470.6	473.5	475.7	476.6
-60°	389.3	402.2	410.5	417.2	424.8	432.9	437.5	441.4	444.7	447.6	450.2
-62.5°	356.8	367.7	375.6	382.2	388.3	393.5	399.8	404.9	408.8	412.5	416.6
-65°	319.2	330.0	337.2	342.7	346.9	351.6	359.2	365.3	370.0	373.7	377.0
-67.5°	281.2	291.5	298.6	304.4	309.0	313.7	320.5	326.6	332.1	335.7	338.1
-70°	242.4	252.3	260.0	266.4	271.4	276.2	281.6	286.8	291.6	294.3	295.4
-72.5°	203.7	212.1	219.6	226.4	232.2	237.0	241.2	244.8	247.9	249.8	251.0
-75°	166.5	173.3	179.7	185.7	191.1	195.8	199.8	203.2	205.9	207.3	208.0
-77.5°	131.3	136.4	140.9	145.2	149.3	153.4	157.1	160.4	163.3	163.9	163.8
-80°	98.0	101.5	104.5	107.2	109.6	112.4	115.0	117.3	119.3	120.4	121.1
-82.5°	66.5	68.6	70.5	72.1	73.6	75.7	77.6	79.2	80.6	81.7	82.5
-85°	37.8	38.7	39.4	40.0	40.5	42.3	44.1	45.7	47.2	47.2	47.0
-87.5°	14.3	14.1	13.8	13.5	13.1	14.1	15.0	15.9	16.8	16.3	15.7
-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: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	15.1	14.4	14.5	14.5	14.5	14.4	15.1	15.7	16.3	16.8	15.9
85°	46.7	46.3	45.0	43.6	45.0	46.3	46.7	47.0	47.2	47.2	45.7
82.5°	83.2	83.8	82.7	81.3	82.7	83.8	83.2	82.5	81.7	80.6	79.2
80°	121.4	121.4	120.4	119.1	120.4	121.4	121.4	121.1	120.4	119.3	117.3
77.5°	163.1	161.9	162.4	162.6	162.4	161.9	163.1	163.8	163.9	163.3	160.4
75°	208.3	208.1	207.4	206.2	207.4	208.1	208.3	208.0	207.3	205.9	203.2
72.5°	251.6	251.5	250.9	249.7	250.9	251.5	251.6	251.0	249.8	247.9	244.8
70°	295.6	295.1	295.8	296.2	295.8	295.1	295.6	295.4	294.3	291.6	286.8
67.5°	339.9	341.1	340.9	339.7	340.9	341.1	339.9	338.1	335.7	332.1	326.6
65°	379.7	381.7	382.9	383.3	382.9	381.7	379.7	377.0	373.7	370.0	365.3
62.5°	419.8	422.1	422.2	421.0	422.2	422.1	419.8	416.6	412.5	408.8	404.9
60°	451.6	452.0	451.4	450.1	451.4	452.0	451.6	450.2	447.6	444.7	441.4
57.5°	476.5	475.7	474.7	473.3	474.7	475.7	476.5	476.6	475.7	473.5	470.6
55°	503.4	502.0	500.8	499.4	500.8	502.0	503.4	503.7	503.0	500.0	496.1
52.5°	537.1	536.4	535.5	534.3	535.5	536.4	537.1	536.7	534.7	530.2	524.7
50°	584.0	584.7	584.6	583.6	584.6	584.7	584.0	581.5	576.5	568.7	559.2
47.5°	656.9	660.7	663.3	664.9	663.3	660.7	656.9	649.9	639.0	624.2	606.5
45°	766.2	773.9	779.4	784.0	779.4	773.9	766.2	753.1	732.8	707.1	678.9
42.5°	934.7	952.1	960.3	958.2	960.3	952.1	934.7	909.1	872.8	827.9	783.7
40°	1215.9	1243.9	1259.4	1271.8	1259.4	1243.9	1215.9	1168.7	1097.9	1012.1	944.3
37.5°	1709.8	1764.2	1792.8	1817.7	1792.8	1764.2	1709.8	1615.1	1476.4	1311.5	1204.1
35°	2565.3	2687.6	2753.1	2775.9	2753.1	2687.6	2565.3	2366.7	2100.9	1822.8	1626.7
32.5°	3937.6	4163.3	4288.1	4384.5	4288.1	4163.3	3937.6	3567.4	3091.7	2650.8	2283.2
30°	5636.0	5933.3	6098.4	6179.0	6098.4	5933.3	5636.0	5152.6	4542.0	3922.4	3255.1
27.5°	7377.1	7715.1	7893.1	7883.5	7893.1	7715.1	7377.1	6846.5	6206.3	5438.6	4575.0
25°	9101.4	9492.8	9670.2	9828.9	9670.2	9492.8	9101.4	8495.0	7787.6	6983.9	6055.1
22.5°	10845.3	11303.0	11552.7	11669.9	11552.7	11303.0	10845.3	10167.5	9401.7	8506.8	7516.1
20°	12568.4	13078.0	13343.1	13458.5	13343.1	13078.0	12568.4	11903.3	11040.3	10025.6	8934.8
17.5°	14096.7	14594.1	14846.8	14953.9	14846.8	14594.1	14096.7	13486.3	12584.6	11510.8	10273.2
15°	15316.9	15683.8	15898.8	15955.7	15898.8	15683.8	15316.9	14792.4	13944.6	12842.9	11556.3
12.5°	16160.5	16302.6	16405.9	16437.7	16405.9	16302.6	16160.5	15722.9	15062.9	13973.4	12664.0
10°	16591.7	16527.6	16501.1	16504.5	16501.1	16527.6	16591.7	16271.8	15709.3	14842.6	13626.9
7.5°	16562.0	16467.1	16276.4	16246.0	16276.4	16467.1	16562.0	16487.3	16095.8	15372.0	14251.0
5°	16324.1	16151.2	15834.7	15743.7	15834.7	16151.2	16324.1	16353.5	16157.0	15619.2	14650.4
2.5°	16046.8	15735.1	15443.5	15255.9	15443.5	15735.1	16046.8	16176.5	16142.6	15786.1	14964.2
0°	15964.4	15604.3	15226.9	15104.9	15226.9	15604.3	15964.4	16135.7	16141.5	15848.2	15093.3
-2.5°	16046.8	15735.1	15443.5	15255.9	15443.5	15735.1	16046.8	16176.5	16142.6	15786.1	14964.2
-5°	16324.1	16151.2	15834.7	15743.7	15834.7	16151.2	16324.1	16353.5	16157.0	15619.2	14650.4
-7.5°	16562.0	16467.1	16276.4	16246.0	16276.4	16467.1	16562.0	16487.3	16095.8	15372.0	14251.0
-10°	16591.7	16527.6	16501.1	16504.5	16501.1	16527.6	16591.7	16271.8	15709.3	14842.6	13626.9
-12.5°	16160.5	16302.6	16405.9	16437.7	16405.9	16302.6	16160.5	15722.9	15062.9	13973.4	12664.0
-15°	15316.9	15683.8	15898.8	15955.7	15898.8	15683.8	15316.9	14792.4	13944.6	12842.9	11556.3
-17.5°	14096.7	14594.1	14846.8	14953.9	14846.8	14594.1	14096.7	13486.3	12584.6	11510.8	10273.2
-20°	12568.4	13078.0	13343.1	13458.5	13343.1	13078.0	12568.4	11903.3	11040.3	10025.6	8934.8



REPORT NUMBER: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	10845.3	11303.0	11552.7	11669.9	11552.7	11303.0	10845.3	10167.5	9401.7	8506.8	7516.1
-25°	9101.4	9492.8	9670.2	9828.9	9670.2	9492.8	9101.4	8495.0	7787.6	6983.9	6055.1
-27.5°	7377.1	7715.1	7893.1	7883.5	7893.1	7715.1	7377.1	6846.5	6206.3	5438.6	4575.0
-30°	5636.0	5933.3	6098.4	6179.0	6098.4	5933.3	5636.0	5152.6	4542.0	3922.4	3255.1
-32.5°	3937.6	4163.3	4288.1	4384.5	4288.1	4163.3	3937.6	3567.4	3091.7	2650.8	2283.2
-35°	2565.3	2687.6	2753.1	2775.9	2753.1	2687.6	2565.3	2366.7	2100.9	1822.8	1626.7
-37.5°	1709.8	1764.2	1792.8	1817.7	1792.8	1764.2	1709.8	1615.1	1476.4	1311.5	1204.1
-40°	1215.9	1243.9	1259.4	1271.8	1259.4	1243.9	1215.9	1168.7	1097.9	1012.1	944.3
-42.5°	934.7	952.1	960.3	958.2	960.3	952.1	934.7	909.1	872.8	827.9	783.7
-45°	766.2	773.9	779.4	784.0	779.4	773.9	766.2	753.1	732.8	707.1	678.9
-47.5°	656.9	660.7	663.3	664.9	663.3	660.7	656.9	649.9	639.0	624.2	606.5
-50°	584.0	584.7	584.6	583.6	584.6	584.7	584.0	581.5	576.5	568.7	559.2
-52.5°	537.1	536.4	535.5	534.3	535.5	536.4	537.1	536.7	534.7	530.2	524.7
-55°	503.4	502.0	500.8	499.4	500.8	502.0	503.4	503.7	503.0	500.0	496.1
-57.5°	476.5	475.7	474.7	473.3	474.7	475.7	476.5	476.6	475.7	473.5	470.6
-60°	451.6	452.0	451.4	450.1	451.4	452.0	451.6	450.2	447.6	444.7	441.4
-62.5°	419.8	422.1	422.2	421.0	422.2	422.1	419.8	416.6	412.5	408.8	404.9
-65°	379.7	381.7	382.9	383.3	382.9	381.7	379.7	377.0	373.7	370.0	365.3
-67.5°	339.9	341.1	340.9	339.7	340.9	341.1	339.9	338.1	335.7	332.1	326.6
-70°	295.6	295.1	295.8	296.2	295.8	295.1	295.6	295.4	294.3	291.6	286.8
-72.5°	251.6	251.5	250.9	249.7	250.9	251.5	251.6	251.0	249.8	247.9	244.8
-75°	208.3	208.1	207.4	206.2	207.4	208.1	208.3	208.0	207.3	205.9	203.2
-77.5°	163.1	161.9	162.4	162.6	162.4	161.9	163.1	163.8	163.9	163.3	160.4
-80°	121.4	121.4	120.4	119.1	120.4	121.4	121.4	121.1	120.4	119.3	117.3
-82.5°	83.2	83.8	82.7	81.3	82.7	83.8	83.2	82.5	81.7	80.6	79.2
-85°	46.7	46.3	45.0	43.6	45.0	46.3	46.7	47.0	47.2	47.2	45.7
-87.5°	15.1	14.4	14.5	14.5	14.5	14.4	15.1	15.7	16.3	16.8	15.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-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°	15.0	14.1	13.1	13.5	13.8	14.1	14.3	13.8	13.3	12.8	12.3
85°	44.1	42.3	40.5	40.0	39.4	38.7	37.8	36.2	34.4	32.6	30.6
82.5°	77.6	75.7	73.6	72.1	70.5	68.6	66.5	63.3	60.1	56.8	53.5
80°	115.0	112.4	109.6	107.2	104.5	101.5	98.0	93.1	87.9	82.8	78.0
77.5°	157.1	153.4	149.3	145.2	140.9	136.4	131.3	125.0	118.7	112.1	105.4
75°	199.8	195.8	191.1	185.7	179.7	173.3	166.5	159.0	151.0	142.8	134.4
72.5°	241.2	237.0	232.2	226.4	219.6	212.1	203.7	194.4	184.7	174.5	164.5
70°	281.6	276.2	271.4	266.4	260.0	252.3	242.4	231.2	219.6	207.8	196.2
67.5°	320.5	313.7	309.0	304.4	298.6	291.5	281.2	269.2	256.1	242.3	228.7
65°	359.2	351.6	346.9	342.7	337.2	330.0	319.2	307.0	293.2	277.9	262.0
62.5°	399.8	393.5	388.3	382.2	375.6	367.7	356.8	344.0	330.0	314.0	295.5
60°	437.5	432.9	424.8	417.2	410.5	402.2	389.3	377.1	365.7	347.2	327.4
57.5°	467.0	461.6	454.0	446.2	438.1	427.4	415.8	404.2	391.0	375.5	357.0
55°	491.4	485.5	478.4	470.7	461.9	450.0	438.1	425.7	412.9	400.0	382.0
52.5°	518.3	511.8	503.4	493.2	483.1	471.4	458.0	444.9	432.9	419.7	404.9
50°	550.2	542.3	532.7	521.8	508.3	493.7	479.7	464.4	451.9	438.9	423.9
47.5°	593.1	580.0	565.8	552.9	536.3	518.7	502.5	486.7	471.9	458.0	442.6
45°	657.6	632.8	606.2	588.3	567.2	547.1	526.4	508.6	491.6	475.9	461.5
42.5°	750.1	710.8	674.3	638.9	605.0	580.4	554.5	532.4	512.0	493.3	476.4
40°	883.8	815.8	765.8	709.8	664.4	620.9	587.9	557.8	534.1	512.0	491.5
37.5°	1085.7	973.3	890.0	802.7	739.4	678.9	628.1	588.9	556.7	531.0	507.2
35°	1398.0	1222.8	1066.6	943.1	830.9	751.3	680.2	625.4	584.1	550.5	522.7
32.5°	1886.1	1608.1	1324.5	1142.0	968.9	838.9	747.4	671.9	613.5	573.6	540.1
30°	2645.3	2155.1	1737.9	1397.4	1160.0	961.4	822.2	729.8	655.2	596.9	557.8
27.5°	3747.3	2888.4	2304.7	1774.1	1390.9	1130.1	930.7	791.8	699.1	629.5	578.0
25°	5033.6	4005.5	3005.9	2288.3	1724.1	1320.8	1057.3	878.7	753.3	663.5	595.8
22.5°	6389.3	5183.8	3985.8	2868.2	2137.5	1599.7	1220.7	966.4	804.6	699.7	621.7
20°	7734.5	6373.2	5008.4	3730.4	2640.7	1872.8	1398.5	1082.7	876.2	740.2	646.1
17.5°	8970.7	7540.7	6045.3	4567.7	3260.5	2288.1	1623.8	1200.2	938.6	776.3	667.4
15°	10141.5	8631.7	7054.2	5456.1	3922.9	2653.8	1815.8	1302.6	1003.5	818.2	695.1
12.5°	11201.7	9611.4	7951.6	6219.8	4511.1	3063.6	2072.0	1453.5	1083.2	861.6	721.3
10°	12127.1	10429.2	8660.7	6861.4	5079.5	3488.0	2314.1	1582.3	1152.3	897.7	742.8
7.5°	12791.8	11073.1	9224.1	7380.1	5542.0	3852.7	2519.9	1684.2	1206.6	925.3	759.3
5°	13280.6	11575.2	9693.8	7801.6	5885.2	4125.3	2673.6	1755.9	1245.4	944.4	770.7
2.5°	13615.8	11893.0	10008.2	8078.1	6084.4	4285.4	2771.6	1794.5	1263.7	959.4	777.1
0°	13711.1	11983.5	10087.4	8223.2	6115.1	4306.1	2810.8	1800.3	1263.1	966.9	778.2
-2.5°	13615.8	11893.0	10008.2	8078.1	6084.4	4285.4	2771.6	1794.5	1263.7	959.4	777.1
-5°	13280.6	11575.2	9693.8	7801.6	5885.2	4125.3	2673.6	1755.9	1245.4	944.4	770.7
-7.5°	12791.8	11073.1	9224.1	7380.1	5542.0	3852.7	2519.9	1684.2	1206.6	925.3	759.3
-10°	12127.1	10429.2	8660.7	6861.4	5079.5	3488.0	2314.1	1582.3	1152.3	897.7	742.8
-12.5°	11201.7	9611.4	7951.6	6219.8	4511.1	3063.6	2072.0	1453.5	1083.2	861.6	721.3
-15°	10141.5	8631.7	7054.2	5456.1	3922.9	2653.8	1815.8	1302.6	1003.5	818.2	695.1
-17.5°	8970.7	7540.7	6045.3	4567.7	3260.5	2288.1	1623.8	1200.2	938.6	776.3	667.4
-20°	7734.5	6373.2	5008.4	3730.4	2640.7	1872.8	1398.5	1082.7	876.2	740.2	646.1



REPORT NUMBER: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6389.3	5183.8	3985.8	2868.2	2137.5	1599.7	1220.7	966.4	804.6	699.7	621.7
-25°	5033.6	4005.5	3005.9	2288.3	1724.1	1320.8	1057.3	878.7	753.3	663.5	595.8
-27.5°	3747.3	2888.4	2304.7	1774.1	1390.9	1130.1	930.7	791.8	699.1	629.5	578.0
-30°	2645.3	2155.1	1737.9	1397.4	1160.0	961.4	822.2	729.8	655.2	596.9	557.8
-32.5°	1886.1	1608.1	1324.5	1142.0	968.9	838.9	747.4	671.9	613.5	573.6	540.1
-35°	1398.0	1222.8	1066.6	943.1	830.9	751.3	680.2	625.4	584.1	550.5	522.7
-37.5°	1085.7	973.3	890.0	802.7	739.4	678.9	628.1	588.9	556.7	531.0	507.2
-40°	883.8	815.8	765.8	709.8	664.4	620.9	587.9	557.8	534.1	512.0	491.5
-42.5°	750.1	710.8	674.3	638.9	605.0	580.4	554.5	532.4	512.0	493.3	476.4
-45°	657.6	632.8	606.2	588.3	567.2	547.1	526.4	508.6	491.6	475.9	461.5
-47.5°	593.1	580.0	565.8	552.9	536.3	518.7	502.5	486.7	471.9	458.0	442.6
-50°	550.2	542.3	532.7	521.8	508.3	493.7	479.7	464.4	451.9	438.9	423.9
-52.5°	518.3	511.8	503.4	493.2	483.1	471.4	458.0	444.9	432.9	419.7	404.9
-55°	491.4	485.5	478.4	470.7	461.9	450.0	438.1	425.7	412.9	400.0	382.0
-57.5°	467.0	461.6	454.0	446.2	438.1	427.4	415.8	404.2	391.0	375.5	357.0
-60°	437.5	432.9	424.8	417.2	410.5	402.2	389.3	377.1	365.7	347.2	327.4
-62.5°	399.8	393.5	388.3	382.2	375.6	367.7	356.8	344.0	330.0	314.0	295.5
-65°	359.2	351.6	346.9	342.7	337.2	330.0	319.2	307.0	293.2	277.9	262.0
-67.5°	320.5	313.7	309.0	304.4	298.6	291.5	281.2	269.2	256.1	242.3	228.7
-70°	281.6	276.2	271.4	266.4	260.0	252.3	242.4	231.2	219.6	207.8	196.2
-72.5°	241.2	237.0	232.2	226.4	219.6	212.1	203.7	194.4	184.7	174.5	164.5
-75°	199.8	195.8	191.1	185.7	179.7	173.3	166.5	159.0	151.0	142.8	134.4
-77.5°	157.1	153.4	149.3	145.2	140.9	136.4	131.3	125.0	118.7	112.1	105.4
-80°	115.0	112.4	109.6	107.2	104.5	101.5	98.0	93.1	87.9	82.8	78.0
-82.5°	77.6	75.7	73.6	72.1	70.5	68.6	66.5	63.3	60.1	56.8	53.5
-85°	44.1	42.3	40.5	40.0	39.4	38.7	37.8	36.2	34.4	32.6	30.6
-87.5°	15.0	14.1	13.1	13.5	13.8	14.1	14.3	13.8	13.3	12.8	12.3
-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: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	11.8	11.2	10.6	10.0	9.3	8.7	8.0	7.3	6.4	5.5	4.6
85°	28.6	26.5	24.3	22.1	19.7	17.4	16.1	14.7	12.7	10.9	9.1
82.5°	50.2	47.0	43.7	40.3	36.4	32.5	28.8	25.1	21.0	16.6	13.7
80°	73.6	69.0	64.3	59.3	53.6	47.6	42.4	37.3	32.3	27.0	21.3
77.5°	99.0	92.3	85.4	79.0	72.5	65.4	58.0	50.2	43.5	37.2	30.6
75°	126.1	118.0	109.7	101.1	92.2	83.3	74.7	65.8	56.8	47.7	39.8
72.5°	154.9	144.8	134.4	123.8	113.5	102.9	92.0	81.2	70.7	60.1	49.3
70°	184.4	172.1	160.0	148.0	135.4	122.4	110.0	97.3	84.5	72.4	60.1
67.5°	214.6	200.8	186.5	172.3	158.3	143.7	128.2	113.3	98.8	84.5	70.7
65°	246.2	229.9	213.2	197.1	181.1	165.0	148.1	129.6	112.7	96.8	81.2
62.5°	277.4	259.6	240.8	221.7	203.5	185.7	167.7	147.1	126.7	108.7	91.5
60°	307.7	287.7	267.4	246.3	225.6	205.7	185.7	164.1	141.9	120.4	101.6
57.5°	335.4	314.4	291.8	269.5	247.2	225.2	203.1	180.1	156.6	133.0	111.4
55°	361.4	338.6	315.0	290.9	267.5	244.0	220.0	195.6	170.8	145.6	121.0
52.5°	385.9	362.0	336.9	311.4	286.0	261.8	236.5	210.6	184.3	157.7	131.5
50°	407.2	384.8	358.3	331.3	303.8	278.2	252.4	225.1	197.4	169.3	141.7
47.5°	425.2	404.6	378.9	350.5	321.6	294.3	267.4	239.1	210.0	180.5	151.6
45°	442.7	422.8	398.1	369.1	339.2	310.3	281.8	252.5	222.0	191.3	161.0
42.5°	459.2	439.3	416.2	386.9	356.0	325.7	295.8	265.3	233.6	201.6	169.9
40°	473.2	453.7	433.2	404.0	371.9	340.3	309.1	277.5	244.7	211.4	178.4
37.5°	486.8	466.9	445.8	420.1	386.8	353.9	321.6	289.3	255.4	220.8	186.4
35°	500.0	479.4	457.0	432.6	400.6	366.7	333.2	300.3	265.4	229.8	193.8
32.5°	511.8	490.6	467.4	442.7	413.4	378.5	344.0	310.0	274.7	238.3	200.8
30°	525.8	500.0	476.7	452.7	424.3	389.2	354.0	319.0	283.3	246.4	207.3
27.5°	539.3	509.1	485.0	461.0	432.8	399.0	363.3	327.3	291.1	253.7	213.7
25°	552.3	519.5	492.8	467.9	441.1	408.4	371.7	334.9	298.0	260.1	219.7
22.5°	567.2	529.0	500.0	473.9	448.9	416.8	379.4	341.8	304.2	265.8	225.1
20°	580.5	536.8	506.7	479.5	454.8	423.2	386.3	348.0	309.6	270.9	230.0
17.5°	593.5	545.7	513.2	485.0	459.2	428.8	392.3	353.4	314.4	275.3	234.4
15°	611.5	555.9	518.9	489.6	462.9	433.6	397.4	358.0	318.6	279.0	238.3
12.5°	627.0	564.4	523.6	493.4	466.0	437.5	401.7	361.9	322.0	282.4	241.8
10°	639.5	571.2	527.3	496.4	468.3	440.6	405.1	365.1	325.2	285.2	244.6
7.5°	649.0	576.2	529.9	498.5	469.9	442.9	408.2	368.0	327.7	287.5	246.8
5°	655.5	579.6	532.1	499.7	470.8	444.3	410.5	370.0	329.5	289.1	248.4
2.5°	658.9	581.0	533.7	500.0	471.0	444.7	411.8	371.3	330.6	290.1	249.4
0°	659.1	580.7	534.3	499.4	470.4	444.3	412.3	371.7	331.0	290.4	249.7
-2.5°	658.9	581.0	533.7	500.0	471.0	444.7	411.8	371.3	330.6	290.1	249.4
-5°	655.5	579.6	532.1	499.7	470.8	444.3	410.5	370.0	329.5	289.1	248.4
-7.5°	649.0	576.2	529.9	498.5	469.9	442.9	408.2	368.0	327.7	287.5	246.8
-10°	639.5	571.2	527.3	496.4	468.3	440.6	405.1	365.1	325.2	285.2	244.6
-12.5°	627.0	564.4	523.6	493.4	466.0	437.5	401.7	361.9	322.0	282.4	241.8
-15°	611.5	555.9	518.9	489.6	462.9	433.6	397.4	358.0	318.6	279.0	238.3
-17.5°	593.5	545.7	513.2	485.0	459.2	428.8	392.3	353.4	314.4	275.3	234.4
-20°	580.5	536.8	506.7	479.5	454.8	423.2	386.3	348.0	309.6	270.9	230.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	567.2	529.0	500.0	473.9	448.9	416.8	379.4	341.8	304.2	265.8	225.1
-25°	552.3	519.5	492.8	467.9	441.1	408.4	371.7	334.9	298.0	260.1	219.7
-27.5°	539.3	509.1	485.0	461.0	432.8	399.0	363.3	327.3	291.1	253.7	213.7
-30°	525.8	500.0	476.7	452.7	424.3	389.2	354.0	319.0	283.3	246.4	207.3
-32.5°	511.8	490.6	467.4	442.7	413.4	378.5	344.0	310.0	274.7	238.3	200.8
-35°	500.0	479.4	457.0	432.6	400.6	366.7	333.2	300.3	265.4	229.8	193.8
-37.5°	486.8	466.9	445.8	420.1	386.8	353.9	321.6	289.3	255.4	220.8	186.4
-40°	473.2	453.7	433.2	404.0	371.9	340.3	309.1	277.5	244.7	211.4	178.4
-42.5°	459.2	439.3	416.2	386.9	356.0	325.7	295.8	265.3	233.6	201.6	169.9
-45°	442.7	422.8	398.1	369.1	339.2	310.3	281.8	252.5	222.0	191.3	161.0
-47.5°	425.2	404.6	378.9	350.5	321.6	294.3	267.4	239.1	210.0	180.5	151.6
-50°	407.2	384.8	358.3	331.3	303.8	278.2	252.4	225.1	197.4	169.3	141.7
-52.5°	385.9	362.0	336.9	311.4	286.0	261.8	236.5	210.6	184.3	157.7	131.5
-55°	361.4	338.6	315.0	290.9	267.5	244.0	220.0	195.6	170.8	145.6	121.0
-57.5°	335.4	314.4	291.8	269.5	247.2	225.2	203.1	180.1	156.6	133.0	111.4
-60°	307.7	287.7	267.4	246.3	225.6	205.7	185.7	164.1	141.9	120.4	101.6
-62.5°	277.4	259.6	240.8	221.7	203.5	185.7	167.7	147.1	126.7	108.7	91.5
-65°	246.2	229.9	213.2	197.1	181.1	165.0	148.1	129.6	112.7	96.8	81.2
-67.5°	214.6	200.8	186.5	172.3	158.3	143.7	128.2	113.3	98.8	84.5	70.7
-70°	184.4	172.1	160.0	148.0	135.4	122.4	110.0	97.3	84.5	72.4	60.1
-72.5°	154.9	144.8	134.4	123.8	113.5	102.9	92.0	81.2	70.7	60.1	49.3
-75°	126.1	118.0	109.7	101.1	92.2	83.3	74.7	65.8	56.8	47.7	39.8
-77.5°	99.0	92.3	85.4	79.0	72.5	65.4	58.0	50.2	43.5	37.2	30.6
-80°	73.6	69.0	64.3	59.3	53.6	47.6	42.4	37.3	32.3	27.0	21.3
-82.5°	50.2	47.0	43.7	40.3	36.4	32.5	28.8	25.1	21.0	16.6	13.7
-85°	28.6	26.5	24.3	22.1	19.7	17.4	16.1	14.7	12.7	10.9	9.1
-87.5°	11.8	11.2	10.6	10.0	9.3	8.7	8.0	7.3	6.4	5.5	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627107 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	3.8	3.1	2.5	1.9	1.3	0.6	0.0
85°	7.5	6.3	5.0	3.8	2.5	1.3	0.0
82.5°	11.2	9.4	7.5	5.7	3.8	1.9	0.0
80°	15.5	12.5	10.0	7.5	5.0	2.5	0.0
77.5°	23.6	16.9	12.5	9.4	6.3	3.1	0.0
75°	31.7	23.6	15.5	11.2	7.5	3.8	0.0
72.5°	39.6	30.3	20.8	13.0	8.7	4.4	0.0
70°	47.7	36.8	26.1	15.3	9.9	5.0	0.0
67.5°	56.7	43.3	31.3	19.1	11.1	5.5	0.0
65°	65.6	50.1	36.4	23.0	12.2	6.1	0.0
62.5°	74.3	57.3	41.4	26.7	13.4	6.7	0.0
60°	82.7	64.2	46.3	30.4	14.5	7.2	0.0
57.5°	91.1	70.9	51.6	34.0	16.8	7.8	0.0
55°	99.4	77.5	56.7	37.5	19.1	8.3	0.0
52.5°	107.5	83.9	61.7	40.8	21.3	8.8	0.0
50°	115.4	90.5	66.5	44.1	23.4	9.3	0.0
47.5°	123.2	96.9	71.2	47.3	25.4	9.8	0.0
45°	131.2	103.1	75.6	50.6	27.4	10.3	0.0
42.5°	138.9	109.0	79.8	53.8	29.2	10.7	0.0
40°	146.1	114.7	84.0	56.7	31.0	11.1	0.0
37.5°	152.9	120.2	88.4	59.4	32.6	11.5	0.0
35°	159.4	125.5	92.5	61.9	34.1	11.9	0.0
32.5°	165.3	130.5	96.4	64.3	35.5	12.2	0.0
30°	170.9	135.2	100.0	66.5	36.8	12.6	0.0
27.5°	175.9	139.5	103.2	68.6	38.0	12.9	0.0
25°	180.6	143.4	106.2	70.4	39.1	13.1	0.0
22.5°	184.7	146.8	108.8	72.1	40.1	13.4	0.0
20°	188.4	149.8	111.2	73.6	41.0	13.6	0.0
17.5°	191.7	152.4	113.3	74.9	41.7	13.8	0.0
15°	194.7	154.6	115.0	76.0	42.3	14.0	0.0
12.5°	197.2	156.4	116.5	76.9	42.8	14.2	0.0
10°	199.4	157.8	117.6	77.6	43.2	14.3	0.0
7.5°	201.1	158.9	118.5	78.1	43.5	14.4	0.0
5°	202.3	159.6	119.0	78.4	43.6	14.4	0.0
2.5°	203.0	159.8	119.2	78.5	43.7	14.5	0.0
0°	203.3	159.7	119.1	78.4	43.6	14.5	0.0
-2.5°	203.0	159.8	119.2	78.5	43.7	14.5	0.0
-5°	202.3	159.6	119.0	78.4	43.6	14.4	0.0
-7.5°	201.1	158.9	118.5	78.1	43.5	14.4	0.0
-10°	199.4	157.8	117.6	77.6	43.2	14.3	0.0
-12.5°	197.2	156.4	116.5	76.9	42.8	14.2	0.0
-15°	194.7	154.6	115.0	76.0	42.3	14.0	0.0
-17.5°	191.7	152.4	113.3	74.9	41.7	13.8	0.0
-20°	188.4	149.8	111.2	73.6	41.0	13.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	184.7	146.8	108.8	72.1	40.1	13.4	0.0
-25°	180.6	143.4	106.2	70.4	39.1	13.1	0.0
-27.5°	175.9	139.5	103.2	68.6	38.0	12.9	0.0
-30°	170.9	135.2	100.0	66.5	36.8	12.6	0.0
-32.5°	165.3	130.5	96.4	64.3	35.5	12.2	0.0
-35°	159.4	125.5	92.5	61.9	34.1	11.9	0.0
-37.5°	152.9	120.2	88.4	59.4	32.6	11.5	0.0
-40°	146.1	114.7	84.0	56.7	31.0	11.1	0.0
-42.5°	138.9	109.0	79.8	53.8	29.2	10.7	0.0
-45°	131.2	103.1	75.6	50.6	27.4	10.3	0.0
-47.5°	123.2	96.9	71.2	47.3	25.4	9.8	0.0
-50°	115.4	90.5	66.5	44.1	23.4	9.3	0.0
-52.5°	107.5	83.9	61.7	40.8	21.3	8.8	0.0
-55°	99.4	77.5	56.7	37.5	19.1	8.3	0.0
-57.5°	91.1	70.9	51.6	34.0	16.8	7.8	0.0
-60°	82.7	64.2	46.3	30.4	14.5	7.2	0.0
-62.5°	74.3	57.3	41.4	26.7	13.4	6.7	0.0
-65°	65.6	50.1	36.4	23.0	12.2	6.1	0.0
-67.5°	56.7	43.3	31.3	19.1	11.1	5.5	0.0
-70°	47.7	36.8	26.1	15.3	9.9	5.0	0.0
-72.5°	39.6	30.3	20.8	13.0	8.7	4.4	0.0
-75°	31.7	23.6	15.5	11.2	7.5	3.8	0.0
-77.5°	23.6	16.9	12.5	9.4	6.3	3.1	0.0
-80°	15.5	12.5	10.0	7.5	5.0	2.5	0.0
-82.5°	11.2	9.4	7.5	5.7	3.8	1.9	0.0
-85°	7.5	6.3	5.0	3.8	2.5	1.3	0.0
-87.5°	3.8	3.1	2.5	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)