

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: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627229 (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-SA3D-740-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N75  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

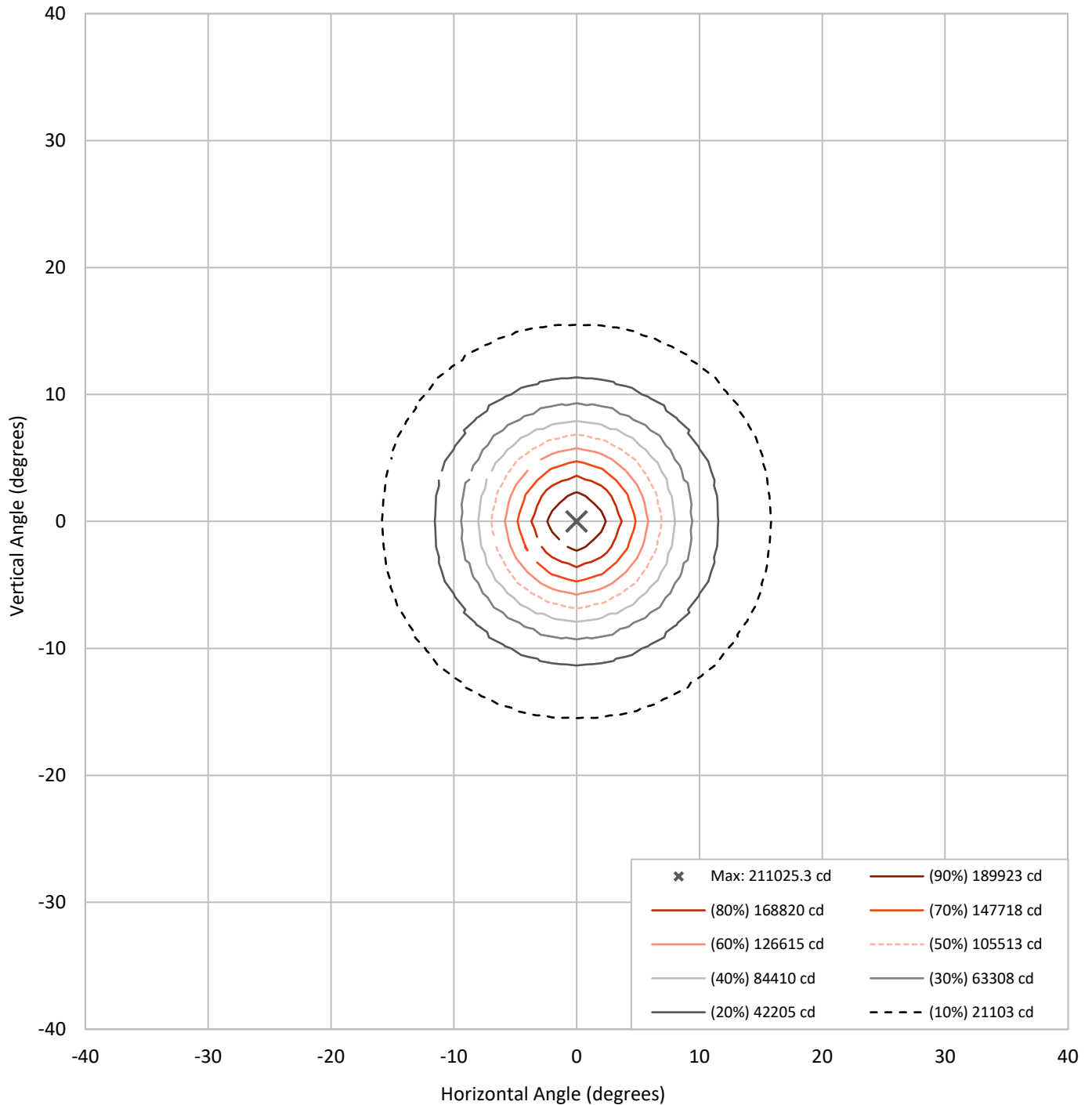
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	22407.8 lumens	Max Intensity:	211025.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	6625 lumens	Field Lumens:	14908.9 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	160.2		
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





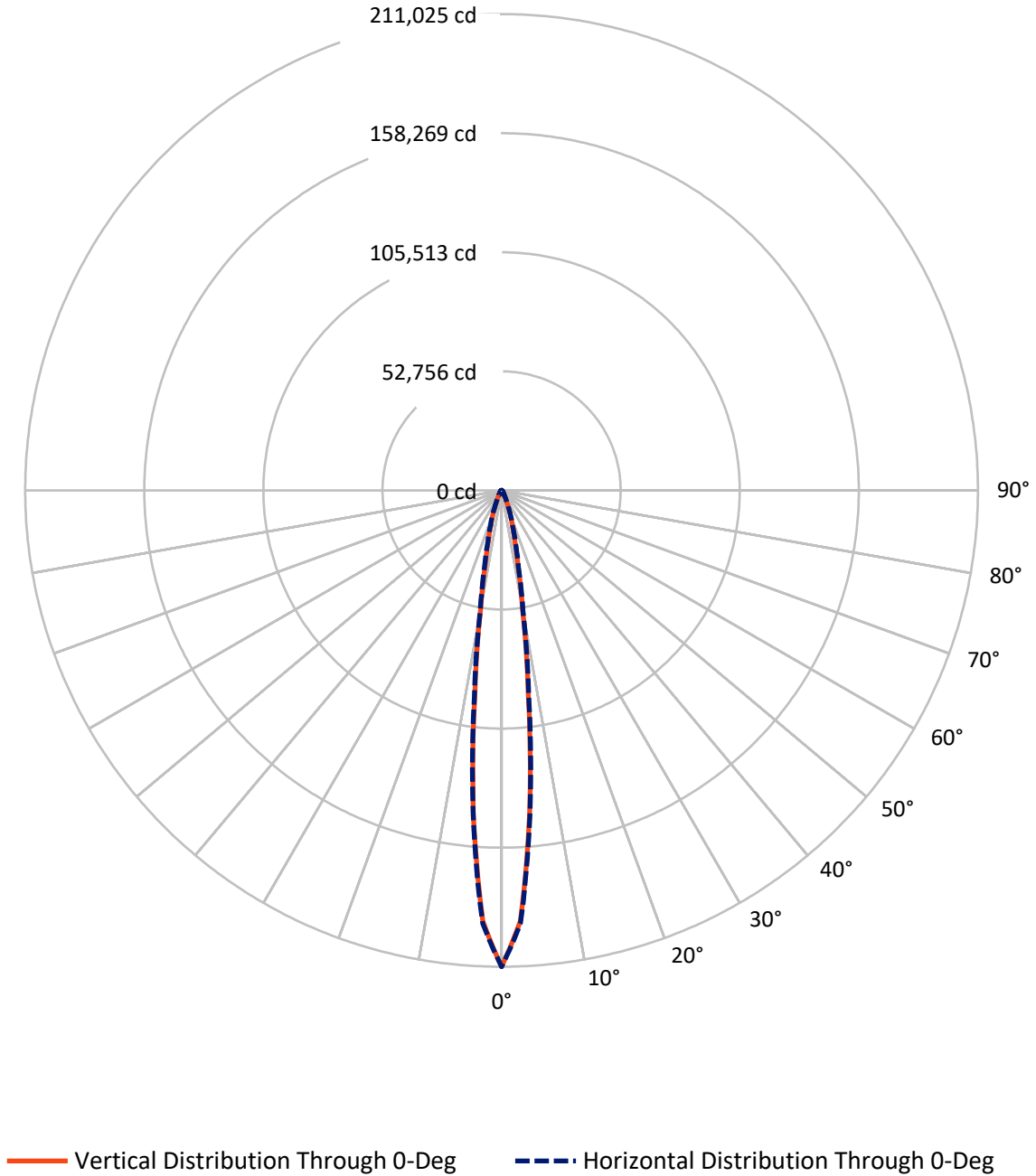
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### Lumen Table

90	0.4	3.1	8.1	13.0	14.2	13.0	8.1	3.1	0.4							
80	0.4	3.1	8.1	13.0	14.2	13.0	8.1	3.1	0.4							
70	1.4	1.6	3.2	5.3	7.5	9.2	10.3	10.8	10.8	10.3	9.2	7.5	5.3	3.2	1.6	1.4
60		2.4	4.9	7.9	10.6	12.9	14.5	15.1	15.1	14.5	12.9	10.6	7.9	4.9	2.4	
50	2.4	3.1	6.3	9.7	12.9	16.3	19.2	20.7	20.7	19.2	16.3	12.9	9.7	6.3	3.1	2.4
40		3.8	7.4	11.2	15.9	22.9	32.3	40.0	40.0	32.3	22.9	15.9	11.2	7.4	3.8	
30	3.2	4.2	8.1	12.7	20.6	40.9	93.2	154.3	154.3	93.2	40.9	20.6	12.7	8.1	4.2	3.2
20		4.5	8.5	14.0	27.4	86.9	308.7	664.9	664.9	308.7	86.9	27.4	14.0	8.5	4.5	
10	3.4	4.7	8.7	14.8	33.1	143.3	671.1	2899.0	2899.0	671.1	143.3	33.1	14.8	8.7	4.7	3.4
0		4.7	8.7	14.8	33.1	143.3	671.1	2899.0	2899.0	671.1	143.3	33.1	14.8	8.7	4.7	
-10	3.2	4.5	8.5	14.0	27.4	86.9	308.7	664.9	664.9	308.7	86.9	27.4	14.0	8.5	4.5	3.2
-20		4.2	8.1	12.7	20.6	40.9	93.2	154.3	154.3	93.2	40.9	20.6	12.7	8.1	4.2	
-30	2.4	3.8	7.4	11.2	15.9	22.9	32.3	40.0	40.0	32.3	22.9	15.9	11.2	7.4	3.8	2.4
-40		3.1	6.3	9.7	12.9	16.3	19.2	20.7	20.7	19.2	16.3	12.9	9.7	6.3	3.1	
-50	1.4	2.4	4.9	7.9	10.6	12.9	14.5	15.1	15.1	14.5	12.9	10.6	7.9	4.9	2.4	1.4
-60		1.6	3.2	5.3	7.5	9.2	10.3	10.8	10.8	10.3	9.2	7.5	5.3	3.2	1.6	
-70	0.4	3.1	8.1	13.0	14.2	13.0	8.1	3.1	0.4							
-80		0.4	3.1	8.1	13.0	14.2	13.0	8.1	3.1	0.4						
-90	0.4	3.1	8.1	13.0	14.2	13.0	8.1	3.1	0.4							

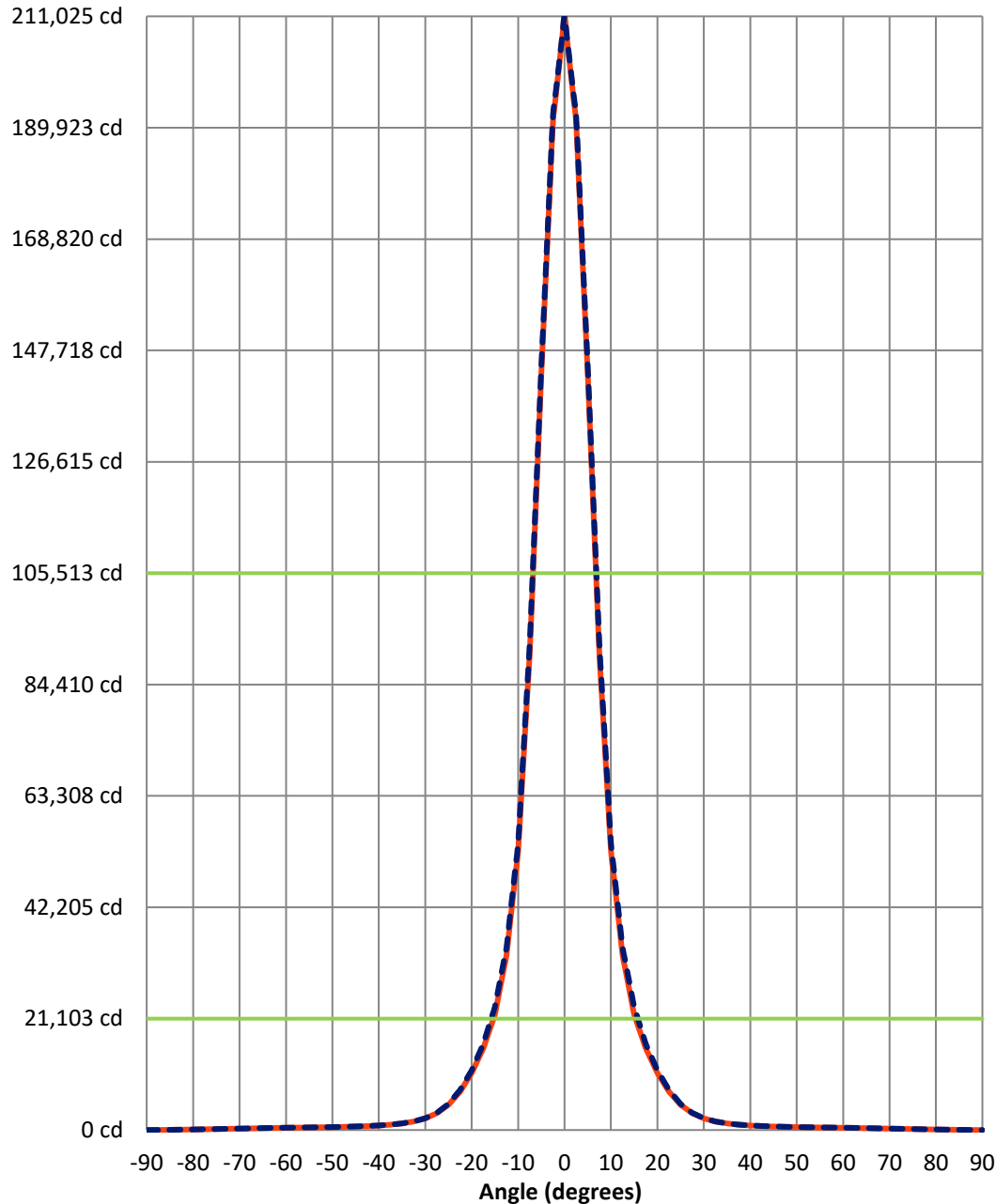
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 6625  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 14908.9  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 7498.9  
 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	0.7	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
85°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
82.5°	0.0	2.1	4.7	7.1	9.4	11.7	14.0	16.3	18.7	22.0	25.3
80°	0.0	2.7	6.3	9.4	12.5	15.6	18.9	23.4	27.9	32.3	36.6
77.5°	0.0	3.4	7.8	11.7	15.6	20.0	25.8	31.5	37.0	42.5	48.3
75°	0.0	4.1	9.3	14.0	18.9	25.4	32.5	39.4	46.2	53.9	61.4
72.5°	0.0	4.7	10.7	16.3	23.0	30.8	39.2	47.6	56.7	65.6	74.4
70°	0.0	5.4	12.2	18.7	27.0	36.0	45.8	56.7	67.0	77.2	88.6
67.5°	0.0	6.0	13.6	21.5	30.9	41.1	53.4	65.6	77.2	90.2	103.0
65°	0.0	6.6	14.9	24.3	34.8	46.7	60.8	74.4	88.6	103.0	118.1
62.5°	0.0	7.2	16.2	27.0	38.5	52.8	68.1	83.9	99.8	116.1	135.1
60°	0.0	7.8	17.5	29.7	42.2	58.7	75.2	93.5	110.8	130.7	151.6
57.5°	0.0	8.3	19.1	32.2	46.7	64.5	83.0	102.8	122.8	144.8	167.5
55°	0.0	8.9	20.7	34.7	51.2	70.1	90.7	111.8	134.8	158.4	182.9
52.5°	0.0	9.4	22.3	37.1	55.5	75.6	98.1	121.5	146.2	171.5	197.6
50°	0.0	9.8	23.8	39.3	59.7	81.6	105.3	131.0	157.2	184.0	211.8
47.5°	0.0	10.3	25.2	41.7	63.8	87.4	112.4	140.2	167.7	195.9	225.6
45°	0.0	10.7	26.7	44.6	67.6	93.0	120.0	149.0	177.8	208.1	239.1
42.5°	0.0	11.1	28.0	47.3	71.3	98.3	127.2	157.4	187.4	219.9	252.3
40°	0.0	11.5	29.4	50.0	75.1	103.3	134.0	165.4	196.9	231.3	265.1
37.5°	0.0	11.9	30.6	52.6	78.9	108.1	140.5	173.0	206.4	242.0	277.4
35°	0.0	12.2	31.8	55.1	82.5	113.0	146.7	180.2	215.2	252.0	289.4
32.5°	0.0	12.5	33.0	57.4	85.8	117.7	152.4	187.0	223.3	261.4	299.8
30°	0.0	12.8	34.0	59.5	89.0	122.2	157.8	193.3	230.7	270.2	309.2
27.5°	0.0	13.0	35.0	61.5	92.0	126.3	162.7	199.3	237.6	278.2	317.7
25°	0.0	13.2	36.0	63.4	94.8	130.0	167.2	204.7	244.1	285.3	325.2
22.5°	0.0	13.4	36.8	65.0	97.4	133.4	171.3	209.5	249.9	291.4	331.7
20°	0.0	13.5	37.6	66.6	99.7	136.3	175.0	213.7	255.0	296.7	337.6
17.5°	0.0	13.6	38.3	67.9	101.7	138.8	178.0	217.3	259.5	301.1	342.8
15°	0.0	13.7	38.9	69.1	103.5	140.9	180.5	220.5	263.3	304.7	347.3
12.5°	0.0	13.8	39.5	70.0	105.0	142.5	182.5	223.5	266.5	307.5	351.1
10°	0.0	13.8	39.9	70.9	106.3	143.7	184.0	226.0	269.0	310.5	354.7
7.5°	0.0	13.8	40.2	71.5	107.2	144.6	185.1	227.9	270.7	313.1	358.8
5°	0.0	13.7	40.5	71.9	107.9	145.0	185.7	229.4	271.6	314.9	362.2
2.5°	0.0	13.7	40.6	72.2	108.4	145.0	185.8	230.3	271.8	316.1	364.7
0°	0.0	13.6	40.7	72.3	108.5	144.7	185.4	230.6	271.3	316.5	366.2
-2.5°	0.0	13.7	40.6	72.2	108.4	145.0	185.8	230.3	271.8	316.1	364.7
-5°	0.0	13.7	40.5	71.9	107.9	145.0	185.7	229.4	271.6	314.9	362.2
-7.5°	0.0	13.8	40.2	71.5	107.2	144.6	185.1	227.9	270.7	313.1	358.8
-10°	0.0	13.8	39.9	70.9	106.3	143.7	184.0	226.0	269.0	310.5	354.7
-12.5°	0.0	13.8	39.5	70.0	105.0	142.5	182.5	223.5	266.5	307.5	351.1
-15°	0.0	13.7	38.9	69.1	103.5	140.9	180.5	220.5	263.3	304.7	347.3
-17.5°	0.0	13.6	38.3	67.9	101.7	138.8	178.0	217.3	259.5	301.1	342.8
-20°	0.0	13.5	37.6	66.6	99.7	136.3	175.0	213.7	255.0	296.7	337.6

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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	13.4	36.8	65.0	97.4	133.4	171.3	209.5	249.9	291.4	331.7
-25°	0.0	13.2	36.0	63.4	94.8	130.0	167.2	204.7	244.1	285.3	325.2
-27.5°	0.0	13.0	35.0	61.5	92.0	126.3	162.7	199.3	237.6	278.2	317.7
-30°	0.0	12.8	34.0	59.5	89.0	122.2	157.8	193.3	230.7	270.2	309.2
-32.5°	0.0	12.5	33.0	57.4	85.8	117.7	152.4	187.0	223.3	261.4	299.8
-35°	0.0	12.2	31.8	55.1	82.5	113.0	146.7	180.2	215.2	252.0	289.4
-37.5°	0.0	11.9	30.6	52.6	78.9	108.1	140.5	173.0	206.4	242.0	277.4
-40°	0.0	11.5	29.4	50.0	75.1	103.3	134.0	165.4	196.9	231.3	265.1
-42.5°	0.0	11.1	28.0	47.3	71.3	98.3	127.2	157.4	187.4	219.9	252.3
-45°	0.0	10.7	26.7	44.6	67.6	93.0	120.0	149.0	177.8	208.1	239.1
-47.5°	0.0	10.3	25.2	41.7	63.8	87.4	112.4	140.2	167.7	195.9	225.6
-50°	0.0	9.8	23.8	39.3	59.7	81.6	105.3	131.0	157.2	184.0	211.8
-52.5°	0.0	9.4	22.3	37.1	55.5	75.6	98.1	121.5	146.2	171.5	197.6
-55°	0.0	8.9	20.7	34.7	51.2	70.1	90.7	111.8	134.8	158.4	182.9
-57.5°	0.0	8.3	19.1	32.2	46.7	64.5	83.0	102.8	122.8	144.8	167.5
-60°	0.0	7.8	17.5	29.7	42.2	58.7	75.2	93.5	110.8	130.7	151.6
-62.5°	0.0	7.2	16.2	27.0	38.5	52.8	68.1	83.9	99.8	116.1	135.1
-65°	0.0	6.6	14.9	24.3	34.8	46.7	60.8	74.4	88.6	103.0	118.1
-67.5°	0.0	6.0	13.6	21.5	30.9	41.1	53.4	65.6	77.2	90.2	103.0
-70°	0.0	5.4	12.2	18.7	27.0	36.0	45.8	56.7	67.0	77.2	88.6
-72.5°	0.0	4.7	10.7	16.3	23.0	30.8	39.2	47.6	56.7	65.6	74.4
-75°	0.0	4.1	9.3	14.0	18.9	25.4	32.5	39.4	46.2	53.9	61.4
-77.5°	0.0	3.4	7.8	11.7	15.6	20.0	25.8	31.5	37.0	42.5	48.3
-80°	0.0	2.7	6.3	9.4	12.5	15.6	18.9	23.4	27.9	32.3	36.6
-82.5°	0.0	2.1	4.7	7.1	9.4	11.7	14.0	16.3	18.7	22.0	25.3
-85°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
-87.5°	0.0	0.7	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
-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°	8.4	9.0	9.7	10.4	11.0	11.6	12.2	12.8	13.3	13.9	14.4
85°	16.7	18.1	20.1	22.1	23.7	25.2	26.4	27.5	29.3	31.3	33.3
82.5°	28.5	31.6	34.6	37.5	39.6	41.2	42.8	45.1	49.1	52.9	56.4
80°	40.9	45.0	49.7	54.3	58.2	62.2	66.3	70.5	74.9	79.0	82.9
77.5°	54.5	60.6	66.5	72.2	77.9	84.1	90.0	95.7	101.2	106.4	111.4
75°	68.8	76.1	84.0	91.9	99.5	106.9	114.1	121.9	129.3	136.4	143.1
72.5°	83.9	93.5	102.9	112.0	121.9	131.6	141.0	150.1	158.9	168.1	177.8
70°	99.8	110.8	123.0	134.8	145.8	157.4	169.0	179.0	188.5	201.2	214.2
67.5°	116.2	131.1	144.9	158.2	172.9	186.6	198.4	211.1	224.6	239.3	252.2
65°	135.6	151.7	167.8	184.6	201.7	215.9	230.7	246.4	261.7	276.3	290.2
62.5°	154.7	172.9	191.5	209.8	227.3	244.3	262.2	279.6	296.5	313.5	328.5
60°	173.1	193.9	213.4	232.5	252.3	273.5	293.3	312.7	332.9	352.2	362.2
57.5°	191.0	213.1	233.5	254.9	278.2	302.1	322.9	344.9	362.2	375.5	388.6
55°	207.7	230.6	253.0	277.1	302.4	327.3	350.4	370.0	386.0	398.2	412.1
52.5°	223.3	247.5	271.9	298.2	325.1	351.6	375.8	394.1	408.5	421.1	434.1
50°	238.7	264.1	289.9	318.8	347.6	375.7	399.5	416.3	429.8	442.7	456.0
47.5°	253.8	280.5	308.3	339.0	370.2	397.4	419.9	435.2	448.9	464.1	478.7
45°	268.6	297.6	327.0	359.9	391.3	417.5	436.6	452.0	468.9	485.3	500.9
42.5°	283.1	314.4	346.2	380.4	410.7	434.3	452.1	470.3	488.6	505.9	523.6
40°	297.8	330.5	364.2	398.2	428.7	449.1	468.0	487.6	507.6	526.5	546.1
37.5°	311.8	345.6	380.4	414.7	442.4	463.1	482.8	504.3	525.5	546.2	571.6
35°	325.1	359.4	394.4	427.7	454.3	475.8	497.7	520.4	542.7	569.3	598.4
32.5°	337.0	371.7	407.3	438.3	464.4	487.5	512.1	535.8	562.5	592.7	627.5
30°	347.0	382.6	418.3	448.5	474.1	498.5	525.1	551.4	582.6	618.8	660.2
27.5°	355.8	392.3	427.0	457.3	483.3	507.6	535.6	568.7	604.5	645.2	693.9
25°	364.0	402.1	435.2	465.3	490.6	516.0	546.0	582.6	625.7	674.7	734.3
22.5°	371.8	411.6	443.6	473.0	496.3	523.8	557.6	597.4	644.3	701.7	774.2
20°	379.2	418.6	450.3	478.9	500.7	530.6	567.8	610.3	663.6	732.0	815.9
17.5°	386.0	424.7	455.6	482.5	506.3	537.8	576.8	620.8	680.3	759.6	854.2
15°	392.3	429.8	459.8	485.3	511.3	545.4	586.2	633.9	698.9	785.8	888.1
12.5°	397.8	433.9	463.0	487.5	515.4	551.6	594.6	647.5	718.8	811.7	931.2
10°	402.4	437.0	465.3	489.1	518.4	556.3	601.5	658.5	734.7	831.7	964.4
7.5°	406.4	439.5	466.8	489.9	520.4	559.6	607.0	666.9	745.9	846.0	988.3
5°	409.2	441.5	468.7	492.7	523.4	562.3	610.9	672.7	752.4	854.5	1003.2
2.5°	410.9	442.7	469.8	495.3	526.7	564.5	613.9	679.0	757.7	862.7	1014.5
0°	411.4	443.1	470.2	497.3	529.0	565.2	614.9	682.7	759.6	868.1	1021.8
-2.5°	410.9	442.7	469.8	495.3	526.7	564.5	613.9	679.0	757.7	862.7	1014.5
-5°	409.2	441.5	468.7	492.7	523.4	562.3	610.9	672.7	752.4	854.5	1003.2
-7.5°	406.4	439.5	466.8	489.9	520.4	559.6	607.0	666.9	745.9	846.0	988.3
-10°	402.4	437.0	465.3	489.1	518.4	556.3	601.5	658.5	734.7	831.7	964.4
-12.5°	397.8	433.9	463.0	487.5	515.4	551.6	594.6	647.5	718.8	811.7	931.2
-15°	392.3	429.8	459.8	485.3	511.3	545.4	586.2	633.9	698.9	785.8	888.1
-17.5°	386.0	424.7	455.6	482.5	506.3	537.8	576.8	620.8	680.3	759.6	854.2
-20°	379.2	418.6	450.3	478.9	500.7	530.6	567.8	610.3	663.6	732.0	815.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	371.8	411.6	443.6	473.0	496.3	523.8	557.6	597.4	644.3	701.7	774.2
-25°	364.0	402.1	435.2	465.3	490.6	516.0	546.0	582.6	625.7	674.7	734.3
-27.5°	355.8	392.3	427.0	457.3	483.3	507.6	535.6	568.7	604.5	645.2	693.9
-30°	347.0	382.6	418.3	448.5	474.1	498.5	525.1	551.4	582.6	618.8	660.2
-32.5°	337.0	371.7	407.3	438.3	464.4	487.5	512.1	535.8	562.5	592.7	627.5
-35°	325.1	359.4	394.4	427.7	454.3	475.8	497.7	520.4	542.7	569.3	598.4
-37.5°	311.8	345.6	380.4	414.7	442.4	463.1	482.8	504.3	525.5	546.2	571.6
-40°	297.8	330.5	364.2	398.2	428.7	449.1	468.0	487.6	507.6	526.5	546.1
-42.5°	283.1	314.4	346.2	380.4	410.7	434.3	452.1	470.3	488.6	505.9	523.6
-45°	268.6	297.6	327.0	359.9	391.3	417.5	436.6	452.0	468.9	485.3	500.9
-47.5°	253.8	280.5	308.3	339.0	370.2	397.4	419.9	435.2	448.9	464.1	478.7
-50°	238.7	264.1	289.9	318.8	347.6	375.7	399.5	416.3	429.8	442.7	456.0
-52.5°	223.3	247.5	271.9	298.2	325.1	351.6	375.8	394.1	408.5	421.1	434.1
-55°	207.7	230.6	253.0	277.1	302.4	327.3	350.4	370.0	386.0	398.2	412.1
-57.5°	191.0	213.1	233.5	254.9	278.2	302.1	322.9	344.9	362.2	375.5	388.6
-60°	173.1	193.9	213.4	232.5	252.3	273.5	293.3	312.7	332.9	352.2	362.2
-62.5°	154.7	172.9	191.5	209.8	227.3	244.3	262.2	279.6	296.5	313.5	328.5
-65°	135.6	151.7	167.8	184.6	201.7	215.9	230.7	246.4	261.7	276.3	290.2
-67.5°	116.2	131.1	144.9	158.2	172.9	186.6	198.4	211.1	224.6	239.3	252.2
-70°	99.8	110.8	123.0	134.8	145.8	157.4	169.0	179.0	188.5	201.2	214.2
-72.5°	83.9	93.5	102.9	112.0	121.9	131.6	141.0	150.1	158.9	168.1	177.8
-75°	68.8	76.1	84.0	91.9	99.5	106.9	114.1	121.9	129.3	136.4	143.1
-77.5°	54.5	60.6	66.5	72.2	77.9	84.1	90.0	95.7	101.2	106.4	111.4
-80°	40.9	45.0	49.7	54.3	58.2	62.2	66.3	70.5	74.9	79.0	82.9
-82.5°	28.5	31.6	34.6	37.5	39.6	41.2	42.8	45.1	49.1	52.9	56.4
-85°	16.7	18.1	20.1	22.1	23.7	25.2	26.4	27.5	29.3	31.3	33.3
-87.5°	8.4	9.0	9.7	10.4	11.0	11.6	12.2	12.8	13.3	13.9	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: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	16.6	15.6
85°	35.3	36.7	37.9	39.1	40.1	41.1	41.9	42.7	43.3	42.8	42.1
82.5°	59.6	61.9	64.1	66.1	67.9	69.6	71.1	72.5	73.6	73.5	73.2
80°	86.7	90.6	94.5	98.3	102.1	104.4	106.0	107.3	108.1	108.5	108.6
77.5°	116.5	122.5	128.7	134.9	141.0	144.4	146.9	148.9	150.5	150.9	150.6
75°	149.5	157.2	165.8	173.3	179.8	183.7	186.5	188.8	190.6	191.1	190.9
72.5°	187.9	197.5	205.1	211.4	216.9	221.2	224.6	227.5	229.9	230.9	231.1
70°	225.7	235.1	242.4	248.8	254.1	258.5	262.7	266.2	269.2	271.3	272.9
67.5°	264.0	274.7	282.2	288.0	292.5	297.2	302.7	307.5	311.5	314.1	315.5
65°	303.2	314.4	321.6	327.9	333.5	339.4	345.5	350.0	353.0	354.8	356.0
62.5°	341.3	351.6	360.7	369.1	377.2	383.9	388.1	391.9	395.1	397.8	399.8
60°	373.9	387.2	397.3	405.4	413.3	420.9	426.1	430.1	433.4	435.7	437.2
57.5°	401.8	415.3	427.3	435.1	443.6	452.7	458.7	462.2	465.4	468.1	469.4
55°	426.2	438.7	449.7	460.4	470.0	478.2	484.6	489.2	493.1	496.2	497.2
52.5°	448.1	461.7	474.7	486.0	495.4	503.3	509.6	515.3	519.8	522.7	524.1
50°	471.2	485.8	499.7	512.1	521.8	530.6	538.5	545.2	551.7	556.8	560.5
47.5°	493.9	509.4	524.7	538.4	550.0	562.8	574.2	583.8	593.3	601.0	606.3
45°	516.7	534.7	551.4	569.0	584.7	601.4	616.9	630.2	644.0	654.3	661.3
42.5°	542.1	562.5	582.6	604.5	626.0	647.7	671.2	692.1	708.3	723.5	735.8
40°	569.3	592.7	618.8	645.7	677.3	706.0	737.6	764.7	789.2	815.1	835.7
37.5°	598.4	627.5	661.9	697.9	738.8	778.0	819.3	859.8	895.1	936.8	968.6
35°	630.4	669.4	711.6	760.3	811.3	867.6	924.0	989.1	1045.1	1106.8	1160.5
32.5°	668.4	714.8	770.3	834.6	900.1	985.4	1065.1	1168.8	1258.5	1356.4	1454.9
30°	707.5	768.2	839.8	920.8	1024.8	1142.1	1273.0	1427.2	1586.2	1740.1	1925.7
27.5°	755.8	829.1	915.9	1034.1	1187.2	1345.8	1570.8	1802.4	2094.7	2336.5	2677.3
25°	806.1	892.4	1015.6	1176.5	1376.3	1651.6	1993.0	2363.1	2877.3	3329.2	3859.2
22.5°	860.8	977.3	1130.6	1329.2	1632.2	2054.8	2571.8	3268.3	4026.9	4832.3	5633.4
20°	917.9	1058.8	1259.8	1547.6	1963.3	2535.7	3423.1	4498.5	5582.2	6911.0	8087.8
17.5°	983.9	1163.2	1410.9	1770.8	2325.6	3202.4	4433.5	5934.8	7616.1	9526.7	11223.1
15°	1038.9	1252.7	1565.4	2068.9	2831.9	3957.9	5510.5	7575.7	10102.2	12668.2	15271.6
12.5°	1102.8	1350.1	1717.3	2317.7	3276.0	4772.5	6885.7	9499.8	12655.0	16214.2	20410.1
10°	1159.5	1445.7	1902.2	2645.3	3816.5	5622.0	8186.6	11331.6	15403.5	20524.4	27022.0
7.5°	1201.5	1521.8	2044.9	2894.7	4283.8	6438.7	9415.8	13337.5	18511.5	25273.6	34191.1
5°	1228.8	1576.9	2145.9	3087.1	4649.5	7046.5	10316.6	14760.2	21002.3	30566.2	45666.8
2.5°	1245.1	1609.5	2203.6	3199.9	4872.0	7449.3	11001.9	15836.0	22616.5	33837.0	53047.8
0°	1252.4	1618.6	2238.0	3259.8	4946.3	7604.8	11316.7	16326.3	23338.7	34601.2	54345.6
-2.5°	1245.1	1609.5	2203.6	3199.9	4872.0	7449.3	11001.9	15836.0	22616.5	33837.0	53047.8
-5°	1228.8	1576.9	2145.9	3087.1	4649.5	7046.5	10316.6	14760.2	21002.3	30566.2	45666.8
-7.5°	1201.5	1521.8	2044.9	2894.7	4283.8	6438.7	9415.8	13337.5	18511.5	25273.6	34191.1
-10°	1159.5	1445.7	1902.2	2645.3	3816.5	5622.0	8186.6	11331.6	15403.5	20524.4	27022.0
-12.5°	1102.8	1350.1	1717.3	2317.7	3276.0	4772.5	6885.7	9499.8	12655.0	16214.2	20410.1
-15°	1038.9	1252.7	1565.4	2068.9	2831.9	3957.9	5510.5	7575.7	10102.2	12668.2	15271.6
-17.5°	983.9	1163.2	1410.9	1770.8	2325.6	3202.4	4433.5	5934.8	7616.1	9526.7	11223.1
-20°	917.9	1058.8	1259.8	1547.6	1963.3	2535.7	3423.1	4498.5	5582.2	6911.0	8087.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	860.8	977.3	1130.6	1329.2	1632.2	2054.8	2571.8	3268.3	4026.9	4832.3	5633.4
-25°	806.1	892.4	1015.6	1176.5	1376.3	1651.6	1993.0	2363.1	2877.3	3329.2	3859.2
-27.5°	755.8	829.1	915.9	1034.1	1187.2	1345.8	1570.8	1802.4	2094.7	2336.5	2677.3
-30°	707.5	768.2	839.8	920.8	1024.8	1142.1	1273.0	1427.2	1586.2	1740.1	1925.7
-32.5°	668.4	714.8	770.3	834.6	900.1	985.4	1065.1	1168.8	1258.5	1356.4	1454.9
-35°	630.4	669.4	711.6	760.3	811.3	867.6	924.0	989.1	1045.1	1106.8	1160.5
-37.5°	598.4	627.5	661.9	697.9	738.8	778.0	819.3	859.8	895.1	936.8	968.6
-40°	569.3	592.7	618.8	645.7	677.3	706.0	737.6	764.7	789.2	815.1	835.7
-42.5°	542.1	562.5	582.6	604.5	626.0	647.7	671.2	692.1	708.3	723.5	735.8
-45°	516.7	534.7	551.4	569.0	584.7	601.4	616.9	630.2	644.0	654.3	661.3
-47.5°	493.9	509.4	524.7	538.4	550.0	562.8	574.2	583.8	593.3	601.0	606.3
-50°	471.2	485.8	499.7	512.1	521.8	530.6	538.5	545.2	551.7	556.8	560.5
-52.5°	448.1	461.7	474.7	486.0	495.4	503.3	509.6	515.3	519.8	522.7	524.1
-55°	426.2	438.7	449.7	460.4	470.0	478.2	484.6	489.2	493.1	496.2	497.2
-57.5°	401.8	415.3	427.3	435.1	443.6	452.7	458.7	462.2	465.4	468.1	469.4
-60°	373.9	387.2	397.3	405.4	413.3	420.9	426.1	430.1	433.4	435.7	437.2
-62.5°	341.3	351.6	360.7	369.1	377.2	383.9	388.1	391.9	395.1	397.8	399.8
-65°	303.2	314.4	321.6	327.9	333.5	339.4	345.5	350.0	353.0	354.8	356.0
-67.5°	264.0	274.7	282.2	288.0	292.5	297.2	302.7	307.5	311.5	314.1	315.5
-70°	225.7	235.1	242.4	248.8	254.1	258.5	262.7	266.2	269.2	271.3	272.9
-72.5°	187.9	197.5	205.1	211.4	216.9	221.2	224.6	227.5	229.9	230.9	231.1
-75°	149.5	157.2	165.8	173.3	179.8	183.7	186.5	188.8	190.6	191.1	190.9
-77.5°	116.5	122.5	128.7	134.9	141.0	144.4	146.9	148.9	150.5	150.9	150.6
-80°	86.7	90.6	94.5	98.3	102.1	104.4	106.0	107.3	108.1	108.5	108.6
-82.5°	59.6	61.9	64.1	66.1	67.9	69.6	71.1	72.5	73.6	73.5	73.2
-85°	35.3	36.7	37.9	39.1	40.1	41.1	41.9	42.7	43.3	42.8	42.1
-87.5°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	16.6	15.6
-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: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	14.6	13.6	13.6	13.6	13.6	13.6	14.6	15.6	16.6	17.5	17.3
85°	41.4	40.5	40.6	40.7	40.6	40.5	41.4	42.1	42.8	43.3	42.7
82.5°	72.7	72.0	72.2	72.3	72.2	72.0	72.7	73.2	73.5	73.6	72.5
80°	108.4	108.0	106.2	104.0	106.2	108.0	108.4	108.6	108.5	108.1	107.3
77.5°	149.8	148.5	146.8	144.7	146.8	148.5	149.8	150.6	150.9	150.5	148.9
75°	190.2	189.1	189.6	189.9	189.6	189.1	190.2	190.9	191.1	190.6	188.8
72.5°	230.7	229.7	230.3	230.6	230.3	229.7	230.7	231.1	230.9	229.9	227.5
70°	274.0	274.5	273.4	271.3	273.4	274.5	274.0	272.9	271.3	269.2	266.2
67.5°	315.9	315.4	314.1	312.0	314.1	315.4	315.9	315.5	314.1	311.5	307.5
65°	356.4	356.0	356.8	357.2	356.8	356.0	356.4	356.0	354.8	353.0	350.0
62.5°	400.9	400.9	399.9	397.9	399.9	400.9	400.9	399.8	397.8	395.1	391.9
60°	437.8	437.5	436.2	434.0	436.2	437.5	437.8	437.2	435.7	433.4	430.1
57.5°	469.8	469.3	467.9	465.7	467.9	469.3	469.8	469.4	468.1	465.4	462.2
55°	497.3	496.6	495.1	492.8	495.1	496.6	497.3	497.2	496.2	493.1	489.2
52.5°	524.4	523.8	524.0	524.5	524.0	523.8	524.4	524.1	522.7	519.8	515.3
50°	562.8	563.6	562.9	560.6	562.9	563.6	562.8	560.5	556.8	551.7	545.2
47.5°	608.8	609.1	608.0	605.8	608.0	609.1	608.8	606.3	601.0	593.3	583.8
45°	666.8	670.1	671.0	669.1	671.0	670.1	666.8	661.3	654.3	644.0	630.2
42.5°	745.3	750.5	752.0	750.5	752.0	750.5	745.3	735.8	723.5	708.3	692.1
40°	848.3	854.2	855.3	854.5	855.3	854.2	848.3	835.7	815.1	789.2	764.7
37.5°	991.0	1005.3	1012.0	1012.8	1012.0	1005.3	991.0	968.6	936.8	895.1	859.8
35°	1201.5	1229.9	1245.1	1252.4	1245.1	1229.9	1201.5	1160.5	1106.8	1045.1	989.1
32.5°	1529.6	1586.5	1618.0	1614.1	1618.0	1586.5	1529.6	1454.9	1356.4	1258.5	1168.8
30°	2065.6	2165.0	2215.1	2201.9	2215.1	2165.0	2065.6	1925.7	1740.1	1586.2	1427.2
27.5°	2922.1	3101.9	3205.8	3192.0	3205.8	3101.9	2922.1	2677.3	2336.5	2094.7	1802.4
25°	4302.1	4630.1	4840.0	4788.0	4840.0	4630.1	4302.1	3859.2	3329.2	2877.3	2363.1
22.5°	6401.4	6957.0	7324.6	7279.2	7324.6	6957.0	6401.4	5633.4	4832.3	4026.9	3268.3
20°	9281.0	10126.6	10730.3	10810.3	10730.3	10126.6	9281.0	8087.8	6911.0	5582.2	4498.5
17.5°	13055.5	14396.3	15329.5	15485.3	15329.5	14396.3	13055.5	11223.1	9526.7	7616.1	5934.8
15°	17961.1	20152.5	21738.4	21869.3	21738.4	20152.5	17961.1	15271.6	12668.2	10102.2	7575.7
12.5°	24622.2	29029.6	31906.1	33172.5	31906.1	29029.6	24622.2	20410.1	16214.2	12655.0	9499.8
10°	33840.8	43964.5	50447.8	52885.2	50447.8	43964.5	33840.8	27022.0	20524.4	15403.5	11331.6
7.5°	49238.5	65133.0	82803.5	90334.8	82803.5	65133.0	49238.5	34191.1	25273.6	18511.5	13337.5
5°	66675.2	99662.7	131039.6	143292.3	131039.6	99662.7	66675.2	45666.8	30566.2	21002.3	14760.2
2.5°	85023.2	131003.0	174089.5	190939.7	174089.5	131003.0	85023.2	53047.8	33837.0	22616.5	15836.0
0°	92188.5	144725.6	192131.0	211025.3	192131.0	144725.6	92188.5	54345.6	34601.2	23338.7	16326.3
-2.5°	85023.2	131003.0	174089.5	190939.7	174089.5	131003.0	85023.2	53047.8	33837.0	22616.5	15836.0
-5°	66675.2	99662.7	131039.6	143292.3	131039.6	99662.7	66675.2	45666.8	30566.2	21002.3	14760.2
-7.5°	49238.5	65133.0	82803.5	90334.8	82803.5	65133.0	49238.5	34191.1	25273.6	18511.5	13337.5
-10°	33840.8	43964.5	50447.8	52885.2	50447.8	43964.5	33840.8	27022.0	20524.4	15403.5	11331.6
-12.5°	24622.2	29029.6	31906.1	33172.5	31906.1	29029.6	24622.2	20410.1	16214.2	12655.0	9499.8
-15°	17961.1	20152.5	21738.4	21869.3	21738.4	20152.5	17961.1	15271.6	12668.2	10102.2	7575.7
-17.5°	13055.5	14396.3	15329.5	15485.3	15329.5	14396.3	13055.5	11223.1	9526.7	7616.1	5934.8
-20°	9281.0	10126.6	10730.3	10810.3	10730.3	10126.6	9281.0	8087.8	6911.0	5582.2	4498.5



REPORT NUMBER: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	6401.4	6957.0	7324.6	7279.2	7324.6	6957.0	6401.4	5633.4	4832.3	4026.9	3268.3
-25°	4302.1	4630.1	4840.0	4788.0	4840.0	4630.1	4302.1	3859.2	3329.2	2877.3	2363.1
-27.5°	2922.1	3101.9	3205.8	3192.0	3205.8	3101.9	2922.1	2677.3	2336.5	2094.7	1802.4
-30°	2065.6	2165.0	2215.1	2201.9	2215.1	2165.0	2065.6	1925.7	1740.1	1586.2	1427.2
-32.5°	1529.6	1586.5	1618.0	1614.1	1618.0	1586.5	1529.6	1454.9	1356.4	1258.5	1168.8
-35°	1201.5	1229.9	1245.1	1252.4	1245.1	1229.9	1201.5	1160.5	1106.8	1045.1	989.1
-37.5°	991.0	1005.3	1012.0	1012.8	1012.0	1005.3	991.0	968.6	936.8	895.1	859.8
-40°	848.3	854.2	855.3	854.5	855.3	854.2	848.3	835.7	815.1	789.2	764.7
-42.5°	745.3	750.5	752.0	750.5	752.0	750.5	745.3	735.8	723.5	708.3	692.1
-45°	666.8	670.1	671.0	669.1	671.0	670.1	666.8	661.3	654.3	644.0	630.2
-47.5°	608.8	609.1	608.0	605.8	608.0	609.1	608.8	606.3	601.0	593.3	583.8
-50°	562.8	563.6	562.9	560.6	562.9	563.6	562.8	560.5	556.8	551.7	545.2
-52.5°	524.4	523.8	524.0	524.5	524.0	523.8	524.4	524.1	522.7	519.8	515.3
-55°	497.3	496.6	495.1	492.8	495.1	496.6	497.3	497.2	496.2	493.1	489.2
-57.5°	469.8	469.3	467.9	465.7	467.9	469.3	469.8	469.4	468.1	465.4	462.2
-60°	437.8	437.5	436.2	434.0	436.2	437.5	437.8	437.2	435.7	433.4	430.1
-62.5°	400.9	400.9	399.9	397.9	399.9	400.9	400.9	399.8	397.8	395.1	391.9
-65°	356.4	356.0	356.8	357.2	356.8	356.0	356.4	356.0	354.8	353.0	350.0
-67.5°	315.9	315.4	314.1	312.0	314.1	315.4	315.9	315.5	314.1	311.5	307.5
-70°	274.0	274.5	273.4	271.3	273.4	274.5	274.0	272.9	271.3	269.2	266.2
-72.5°	230.7	229.7	230.3	230.6	230.3	229.7	230.7	231.1	230.9	229.9	227.5
-75°	190.2	189.1	189.6	189.9	189.6	189.1	190.2	190.9	191.1	190.6	188.8
-77.5°	149.8	148.5	146.8	144.7	146.8	148.5	149.8	150.6	150.9	150.5	148.9
-80°	108.4	108.0	106.2	104.0	106.2	108.0	108.4	108.6	108.5	108.1	107.3
-82.5°	72.7	72.0	72.2	72.3	72.2	72.0	72.7	73.2	73.5	73.6	72.5
-85°	41.4	40.5	40.6	40.7	40.6	40.5	41.4	42.1	42.8	43.3	42.7
-87.5°	14.6	13.6	13.6	13.6	13.6	13.6	14.6	15.6	16.6	17.5	17.3
-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: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
85°	41.9	41.1	40.1	39.1	37.9	36.7	35.3	33.3	31.3	29.3	27.5
82.5°	71.1	69.6	67.9	66.1	64.1	61.9	59.6	56.4	52.9	49.1	45.1
80°	106.0	104.4	102.1	98.3	94.5	90.6	86.7	82.9	79.0	74.9	70.5
77.5°	146.9	144.4	141.0	134.9	128.7	122.5	116.5	111.4	106.4	101.2	95.7
75°	186.5	183.7	179.8	173.3	165.8	157.2	149.5	143.1	136.4	129.3	121.9
72.5°	224.6	221.2	216.9	211.4	205.1	197.5	187.9	177.8	168.1	158.9	150.1
70°	262.7	258.5	254.1	248.8	242.4	235.1	225.7	214.2	201.2	188.5	179.0
67.5°	302.7	297.2	292.5	288.0	282.2	274.7	264.0	252.2	239.3	224.6	211.1
65°	345.5	339.4	333.5	327.9	321.6	314.4	303.2	290.2	276.3	261.7	246.4
62.5°	388.1	383.9	377.2	369.1	360.7	351.6	341.3	328.5	313.5	296.5	279.6
60°	426.1	420.9	413.3	405.4	397.3	387.2	373.9	362.2	352.2	332.9	312.7
57.5°	458.7	452.7	443.6	435.1	427.3	415.3	401.8	388.6	375.5	362.2	344.9
55°	484.6	478.2	470.0	460.4	449.7	438.7	426.2	412.1	398.2	386.0	370.0
52.5°	509.6	503.3	495.4	486.0	474.7	461.7	448.1	434.1	421.1	408.5	394.1
50°	538.5	530.6	521.8	512.1	499.7	485.8	471.2	456.0	442.7	429.8	416.3
47.5°	574.2	562.8	550.0	538.4	524.7	509.4	493.9	478.7	464.1	448.9	435.2
45°	616.9	601.4	584.7	569.0	551.4	534.7	516.7	500.9	485.3	468.9	452.0
42.5°	671.2	647.7	626.0	604.5	582.6	562.5	542.1	523.6	505.9	488.6	470.3
40°	737.6	706.0	677.3	645.7	618.8	592.7	569.3	546.1	526.5	507.6	487.6
37.5°	819.3	778.0	738.8	697.9	661.9	627.5	598.4	571.6	546.2	525.5	504.3
35°	924.0	867.6	811.3	760.3	711.6	669.4	630.4	598.4	569.3	542.7	520.4
32.5°	1065.1	985.4	900.1	834.6	770.3	714.8	668.4	627.5	592.7	562.5	535.8
30°	1273.0	1142.1	1024.8	920.8	839.8	768.2	707.5	660.2	618.8	582.6	551.4
27.5°	1570.8	1345.8	1187.2	1034.1	915.9	829.1	755.8	693.9	645.2	604.5	568.7
25°	1993.0	1651.6	1376.3	1176.5	1015.6	892.4	806.1	734.3	674.7	625.7	582.6
22.5°	2571.8	2054.8	1632.2	1329.2	1130.6	977.3	860.8	774.2	701.7	644.3	597.4
20°	3423.1	2535.7	1963.3	1547.6	1259.8	1058.8	917.9	815.9	732.0	663.6	610.3
17.5°	4433.5	3202.4	2325.6	1770.8	1410.9	1163.2	983.9	854.2	759.6	680.3	620.8
15°	5510.5	3957.9	2831.9	2068.9	1565.4	1252.7	1038.9	888.1	785.8	698.9	633.9
12.5°	6885.7	4772.5	3276.0	2317.7	1717.3	1350.1	1102.8	931.2	811.7	718.8	647.5
10°	8186.6	5622.0	3816.5	2645.3	1902.2	1445.7	1159.5	964.4	831.7	734.7	658.5
7.5°	9415.8	6438.7	4283.8	2894.7	2044.9	1521.8	1201.5	988.3	846.0	745.9	666.9
5°	10316.6	7046.5	4649.5	3087.1	2145.9	1576.9	1228.8	1003.2	854.5	752.4	672.7
2.5°	11001.9	7449.3	4872.0	3199.9	2203.6	1609.5	1245.1	1014.5	862.7	757.7	679.0
0°	11316.7	7604.8	4946.3	3259.8	2238.0	1618.6	1252.4	1021.8	868.1	759.6	682.7
-2.5°	11001.9	7449.3	4872.0	3199.9	2203.6	1609.5	1245.1	1014.5	862.7	757.7	679.0
-5°	10316.6	7046.5	4649.5	3087.1	2145.9	1576.9	1228.8	1003.2	854.5	752.4	672.7
-7.5°	9415.8	6438.7	4283.8	2894.7	2044.9	1521.8	1201.5	988.3	846.0	745.9	666.9
-10°	8186.6	5622.0	3816.5	2645.3	1902.2	1445.7	1159.5	964.4	831.7	734.7	658.5
-12.5°	6885.7	4772.5	3276.0	2317.7	1717.3	1350.1	1102.8	931.2	811.7	718.8	647.5
-15°	5510.5	3957.9	2831.9	2068.9	1565.4	1252.7	1038.9	888.1	785.8	698.9	633.9
-17.5°	4433.5	3202.4	2325.6	1770.8	1410.9	1163.2	983.9	854.2	759.6	680.3	620.8
-20°	3423.1	2535.7	1963.3	1547.6	1259.8	1058.8	917.9	815.9	732.0	663.6	610.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	2571.8	2054.8	1632.2	1329.2	1130.6	977.3	860.8	774.2	701.7	644.3	597.4
-25°	1993.0	1651.6	1376.3	1176.5	1015.6	892.4	806.1	734.3	674.7	625.7	582.6
-27.5°	1570.8	1345.8	1187.2	1034.1	915.9	829.1	755.8	693.9	645.2	604.5	568.7
-30°	1273.0	1142.1	1024.8	920.8	839.8	768.2	707.5	660.2	618.8	582.6	551.4
-32.5°	1065.1	985.4	900.1	834.6	770.3	714.8	668.4	627.5	592.7	562.5	535.8
-35°	924.0	867.6	811.3	760.3	711.6	669.4	630.4	598.4	569.3	542.7	520.4
-37.5°	819.3	778.0	738.8	697.9	661.9	627.5	598.4	571.6	546.2	525.5	504.3
-40°	737.6	706.0	677.3	645.7	618.8	592.7	569.3	546.1	526.5	507.6	487.6
-42.5°	671.2	647.7	626.0	604.5	582.6	562.5	542.1	523.6	505.9	488.6	470.3
-45°	616.9	601.4	584.7	569.0	551.4	534.7	516.7	500.9	485.3	468.9	452.0
-47.5°	574.2	562.8	550.0	538.4	524.7	509.4	493.9	478.7	464.1	448.9	435.2
-50°	538.5	530.6	521.8	512.1	499.7	485.8	471.2	456.0	442.7	429.8	416.3
-52.5°	509.6	503.3	495.4	486.0	474.7	461.7	448.1	434.1	421.1	408.5	394.1
-55°	484.6	478.2	470.0	460.4	449.7	438.7	426.2	412.1	398.2	386.0	370.0
-57.5°	458.7	452.7	443.6	435.1	427.3	415.3	401.8	388.6	375.5	362.2	344.9
-60°	426.1	420.9	413.3	405.4	397.3	387.2	373.9	362.2	352.2	332.9	312.7
-62.5°	388.1	383.9	377.2	369.1	360.7	351.6	341.3	328.5	313.5	296.5	279.6
-65°	345.5	339.4	333.5	327.9	321.6	314.4	303.2	290.2	276.3	261.7	246.4
-67.5°	302.7	297.2	292.5	288.0	282.2	274.7	264.0	252.2	239.3	224.6	211.1
-70°	262.7	258.5	254.1	248.8	242.4	235.1	225.7	214.2	201.2	188.5	179.0
-72.5°	224.6	221.2	216.9	211.4	205.1	197.5	187.9	177.8	168.1	158.9	150.1
-75°	186.5	183.7	179.8	173.3	165.8	157.2	149.5	143.1	136.4	129.3	121.9
-77.5°	146.9	144.4	141.0	134.9	128.7	122.5	116.5	111.4	106.4	101.2	95.7
-80°	106.0	104.4	102.1	98.3	94.5	90.6	86.7	82.9	79.0	74.9	70.5
-82.5°	71.1	69.6	67.9	66.1	64.1	61.9	59.6	56.4	52.9	49.1	45.1
-85°	41.9	41.1	40.1	39.1	37.9	36.7	35.3	33.3	31.3	29.3	27.5
-87.5°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
-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: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	12.2	11.6	11.0	10.4	9.7	9.0	8.4	7.6	6.9	6.2	5.4
85°	26.4	25.2	23.7	22.1	20.1	18.1	16.7	15.3	13.8	12.4	10.9
82.5°	42.8	41.2	39.6	37.5	34.6	31.6	28.5	25.3	22.0	18.7	16.3
80°	66.3	62.2	58.2	54.3	49.7	45.0	40.9	36.6	32.3	27.9	23.4
77.5°	90.0	84.1	77.9	72.2	66.5	60.6	54.5	48.3	42.5	37.0	31.5
75°	114.1	106.9	99.5	91.9	84.0	76.1	68.8	61.4	53.9	46.2	39.4
72.5°	141.0	131.6	121.9	112.0	102.9	93.5	83.9	74.4	65.6	56.7	47.6
70°	169.0	157.4	145.8	134.8	123.0	110.8	99.8	88.6	77.2	67.0	56.7
67.5°	198.4	186.6	172.9	158.2	144.9	131.1	116.2	103.0	90.2	77.2	65.6
65°	230.7	215.9	201.7	184.6	167.8	151.7	135.6	118.1	103.0	88.6	74.4
62.5°	262.2	244.3	227.3	209.8	191.5	172.9	154.7	135.1	116.1	99.8	83.9
60°	293.3	273.5	252.3	232.5	213.4	193.9	173.1	151.6	130.7	110.8	93.5
57.5°	322.9	302.1	278.2	254.9	233.5	213.1	191.0	167.5	144.8	122.8	102.8
55°	350.4	327.3	302.4	277.1	253.0	230.6	207.7	182.9	158.4	134.8	111.8
52.5°	375.8	351.6	325.1	298.2	271.9	247.5	223.3	197.6	171.5	146.2	121.5
50°	399.5	375.7	347.6	318.8	289.9	264.1	238.7	211.8	184.0	157.2	131.0
47.5°	419.9	397.4	370.2	339.0	308.3	280.5	253.8	225.6	195.9	167.7	140.2
45°	436.6	417.5	391.3	359.9	327.0	297.6	268.6	239.1	208.1	177.8	149.0
42.5°	452.1	434.3	410.7	380.4	346.2	314.4	283.1	252.3	219.9	187.4	157.4
40°	468.0	449.1	428.7	398.2	364.2	330.5	297.8	265.1	231.3	196.9	165.4
37.5°	482.8	463.1	442.4	414.7	380.4	345.6	311.8	277.4	242.0	206.4	173.0
35°	497.7	475.8	454.3	427.7	394.4	359.4	325.1	289.4	252.0	215.2	180.2
32.5°	512.1	487.5	464.4	438.3	407.3	371.7	337.0	299.8	261.4	223.3	187.0
30°	525.1	498.5	474.1	448.5	418.3	382.6	347.0	309.2	270.2	230.7	193.3
27.5°	535.6	507.6	483.3	457.3	427.0	392.3	355.8	317.7	278.2	237.6	199.3
25°	546.0	516.0	490.6	465.3	435.2	402.1	364.0	325.2	285.3	244.1	204.7
22.5°	557.6	523.8	496.3	473.0	443.6	411.6	371.8	331.7	291.4	249.9	209.5
20°	567.8	530.6	500.7	478.9	450.3	418.6	379.2	337.6	296.7	255.0	213.7
17.5°	576.8	537.8	506.3	482.5	455.6	424.7	386.0	342.8	301.1	259.5	217.3
15°	586.2	545.4	511.3	485.3	459.8	429.8	392.3	347.3	304.7	263.3	220.5
12.5°	594.6	551.6	515.4	487.5	463.0	433.9	397.8	351.1	307.5	266.5	223.5
10°	601.5	556.3	518.4	489.1	465.3	437.0	402.4	354.7	310.5	269.0	226.0
7.5°	607.0	559.6	520.4	489.9	466.8	439.5	406.4	358.8	313.1	270.7	227.9
5°	610.9	562.3	523.4	492.7	468.7	441.5	409.2	362.2	314.9	271.6	229.4
2.5°	613.9	564.5	526.7	495.3	469.8	442.7	410.9	364.7	316.1	271.8	230.3
0°	614.9	565.2	529.0	497.3	470.2	443.1	411.4	366.2	316.5	271.3	230.6
-2.5°	613.9	564.5	526.7	495.3	469.8	442.7	410.9	364.7	316.1	271.8	230.3
-5°	610.9	562.3	523.4	492.7	468.7	441.5	409.2	362.2	314.9	271.6	229.4
-7.5°	607.0	559.6	520.4	489.9	466.8	439.5	406.4	358.8	313.1	270.7	227.9
-10°	601.5	556.3	518.4	489.1	465.3	437.0	402.4	354.7	310.5	269.0	226.0
-12.5°	594.6	551.6	515.4	487.5	463.0	433.9	397.8	351.1	307.5	266.5	223.5
-15°	586.2	545.4	511.3	485.3	459.8	429.8	392.3	347.3	304.7	263.3	220.5
-17.5°	576.8	537.8	506.3	482.5	455.6	424.7	386.0	342.8	301.1	259.5	217.3
-20°	567.8	530.6	500.7	478.9	450.3	418.6	379.2	337.6	296.7	255.0	213.7

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627229 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	557.6	523.8	496.3	473.0	443.6	411.6	371.8	331.7	291.4	249.9	209.5
-25°	546.0	516.0	490.6	465.3	435.2	402.1	364.0	325.2	285.3	244.1	204.7
-27.5°	535.6	507.6	483.3	457.3	427.0	392.3	355.8	317.7	278.2	237.6	199.3
-30°	525.1	498.5	474.1	448.5	418.3	382.6	347.0	309.2	270.2	230.7	193.3
-32.5°	512.1	487.5	464.4	438.3	407.3	371.7	337.0	299.8	261.4	223.3	187.0
-35°	497.7	475.8	454.3	427.7	394.4	359.4	325.1	289.4	252.0	215.2	180.2
-37.5°	482.8	463.1	442.4	414.7	380.4	345.6	311.8	277.4	242.0	206.4	173.0
-40°	468.0	449.1	428.7	398.2	364.2	330.5	297.8	265.1	231.3	196.9	165.4
-42.5°	452.1	434.3	410.7	380.4	346.2	314.4	283.1	252.3	219.9	187.4	157.4
-45°	436.6	417.5	391.3	359.9	327.0	297.6	268.6	239.1	208.1	177.8	149.0
-47.5°	419.9	397.4	370.2	339.0	308.3	280.5	253.8	225.6	195.9	167.7	140.2
-50°	399.5	375.7	347.6	318.8	289.9	264.1	238.7	211.8	184.0	157.2	131.0
-52.5°	375.8	351.6	325.1	298.2	271.9	247.5	223.3	197.6	171.5	146.2	121.5
-55°	350.4	327.3	302.4	277.1	253.0	230.6	207.7	182.9	158.4	134.8	111.8
-57.5°	322.9	302.1	278.2	254.9	233.5	213.1	191.0	167.5	144.8	122.8	102.8
-60°	293.3	273.5	252.3	232.5	213.4	193.9	173.1	151.6	130.7	110.8	93.5
-62.5°	262.2	244.3	227.3	209.8	191.5	172.9	154.7	135.1	116.1	99.8	83.9
-65°	230.7	215.9	201.7	184.6	167.8	151.7	135.6	118.1	103.0	88.6	74.4
-67.5°	198.4	186.6	172.9	158.2	144.9	131.1	116.2	103.0	90.2	77.2	65.6
-70°	169.0	157.4	145.8	134.8	123.0	110.8	99.8	88.6	77.2	67.0	56.7
-72.5°	141.0	131.6	121.9	112.0	102.9	93.5	83.9	74.4	65.6	56.7	47.6
-75°	114.1	106.9	99.5	91.9	84.0	76.1	68.8	61.4	53.9	46.2	39.4
-77.5°	90.0	84.1	77.9	72.2	66.5	60.6	54.5	48.3	42.5	37.0	31.5
-80°	66.3	62.2	58.2	54.3	49.7	45.0	40.9	36.6	32.3	27.9	23.4
-82.5°	42.8	41.2	39.6	37.5	34.6	31.6	28.5	25.3	22.0	18.7	16.3
-85°	26.4	25.2	23.7	22.1	20.1	18.1	16.7	15.3	13.8	12.4	10.9
-87.5°	12.2	11.6	11.0	10.4	9.7	9.0	8.4	7.6	6.9	6.2	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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**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°	4.7	3.9	3.1	2.4	1.6	0.7	0.0
85°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
82.5°	14.0	11.7	9.4	7.1	4.7	2.1	0.0
80°	18.9	15.6	12.5	9.4	6.3	2.7	0.0
77.5°	25.8	20.0	15.6	11.7	7.8	3.4	0.0
75°	32.5	25.4	18.9	14.0	9.3	4.1	0.0
72.5°	39.2	30.8	23.0	16.3	10.7	4.7	0.0
70°	45.8	36.0	27.0	18.7	12.2	5.4	0.0
67.5°	53.4	41.1	30.9	21.5	13.6	6.0	0.0
65°	60.8	46.7	34.8	24.3	14.9	6.6	0.0
62.5°	68.1	52.8	38.5	27.0	16.2	7.2	0.0
60°	75.2	58.7	42.2	29.7	17.5	7.8	0.0
57.5°	83.0	64.5	46.7	32.2	19.1	8.3	0.0
55°	90.7	70.1	51.2	34.7	20.7	8.9	0.0
52.5°	98.1	75.6	55.5	37.1	22.3	9.4	0.0
50°	105.3	81.6	59.7	39.3	23.8	9.8	0.0
47.5°	112.4	87.4	63.8	41.7	25.2	10.3	0.0
45°	120.0	93.0	67.6	44.6	26.7	10.7	0.0
42.5°	127.2	98.3	71.3	47.3	28.0	11.1	0.0
40°	134.0	103.3	75.1	50.0	29.4	11.5	0.0
37.5°	140.5	108.1	78.9	52.6	30.6	11.9	0.0
35°	146.7	113.0	82.5	55.1	31.8	12.2	0.0
32.5°	152.4	117.7	85.8	57.4	33.0	12.5	0.0
30°	157.8	122.2	89.0	59.5	34.0	12.8	0.0
27.5°	162.7	126.3	92.0	61.5	35.0	13.0	0.0
25°	167.2	130.0	94.8	63.4	36.0	13.2	0.0
22.5°	171.3	133.4	97.4	65.0	36.8	13.4	0.0
20°	175.0	136.3	99.7	66.6	37.6	13.5	0.0
17.5°	178.0	138.8	101.7	67.9	38.3	13.6	0.0
15°	180.5	140.9	103.5	69.1	38.9	13.7	0.0
12.5°	182.5	142.5	105.0	70.0	39.5	13.8	0.0
10°	184.0	143.7	106.3	70.9	39.9	13.8	0.0
7.5°	185.1	144.6	107.2	71.5	40.2	13.8	0.0
5°	185.7	145.0	107.9	71.9	40.5	13.7	0.0
2.5°	185.8	145.0	108.4	72.2	40.6	13.7	0.0
0°	185.4	144.7	108.5	72.3	40.7	13.6	0.0
-2.5°	185.8	145.0	108.4	72.2	40.6	13.7	0.0
-5°	185.7	145.0	107.9	71.9	40.5	13.7	0.0
-7.5°	185.1	144.6	107.2	71.5	40.2	13.8	0.0
-10°	184.0	143.7	106.3	70.9	39.9	13.8	0.0
-12.5°	182.5	142.5	105.0	70.0	39.5	13.8	0.0
-15°	180.5	140.9	103.5	69.1	38.9	13.7	0.0
-17.5°	178.0	138.8	101.7	67.9	38.3	13.6	0.0
-20°	175.0	136.3	99.7	66.6	37.6	13.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	171.3	133.4	97.4	65.0	36.8	13.4	0.0
-25°	167.2	130.0	94.8	63.4	36.0	13.2	0.0
-27.5°	162.7	126.3	92.0	61.5	35.0	13.0	0.0
-30°	157.8	122.2	89.0	59.5	34.0	12.8	0.0
-32.5°	152.4	117.7	85.8	57.4	33.0	12.5	0.0
-35°	146.7	113.0	82.5	55.1	31.8	12.2	0.0
-37.5°	140.5	108.1	78.9	52.6	30.6	11.9	0.0
-40°	134.0	103.3	75.1	50.0	29.4	11.5	0.0
-42.5°	127.2	98.3	71.3	47.3	28.0	11.1	0.0
-45°	120.0	93.0	67.6	44.6	26.7	10.7	0.0
-47.5°	112.4	87.4	63.8	41.7	25.2	10.3	0.0
-50°	105.3	81.6	59.7	39.3	23.8	9.8	0.0
-52.5°	98.1	75.6	55.5	37.1	22.3	9.4	0.0
-55°	90.7	70.1	51.2	34.7	20.7	8.9	0.0
-57.5°	83.0	64.5	46.7	32.2	19.1	8.3	0.0
-60°	75.2	58.7	42.2	29.7	17.5	7.8	0.0
-62.5°	68.1	52.8	38.5	27.0	16.2	7.2	0.0
-65°	60.8	46.7	34.8	24.3	14.9	6.6	0.0
-67.5°	53.4	41.1	30.9	21.5	13.6	6.0	0.0
-70°	45.8	36.0	27.0	18.7	12.2	5.4	0.0
-72.5°	39.2	30.8	23.0	16.3	10.7	4.7	0.0
-75°	32.5	25.4	18.9	14.0	9.3	4.1	0.0
-77.5°	25.8	20.0	15.6	11.7	7.8	3.4	0.0
-80°	18.9	15.6	12.5	9.4	6.3	2.7	0.0
-82.5°	14.0	11.7	9.4	7.1	4.7	2.1	0.0
-85°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
-87.5°	4.7	3.9	3.1	2.4	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)