

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: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626969 (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-SA2D-730-U-NR-XX  
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N43  
 Light Source: (32) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

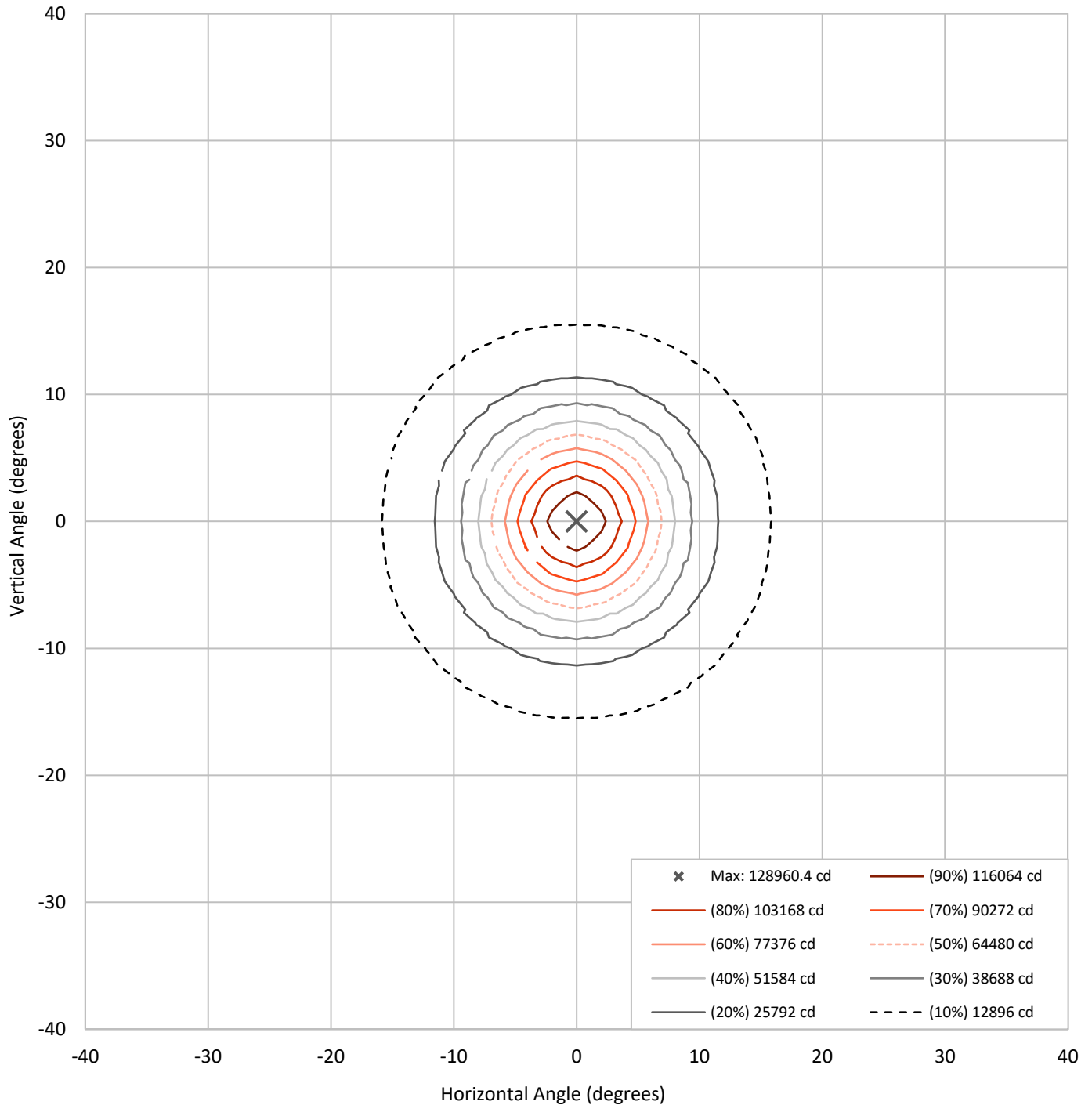
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	13693.7 lumens	Max Intensity:	128960.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	4048.6 lumens	Field Lumens:	9111.1 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	108.7		
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





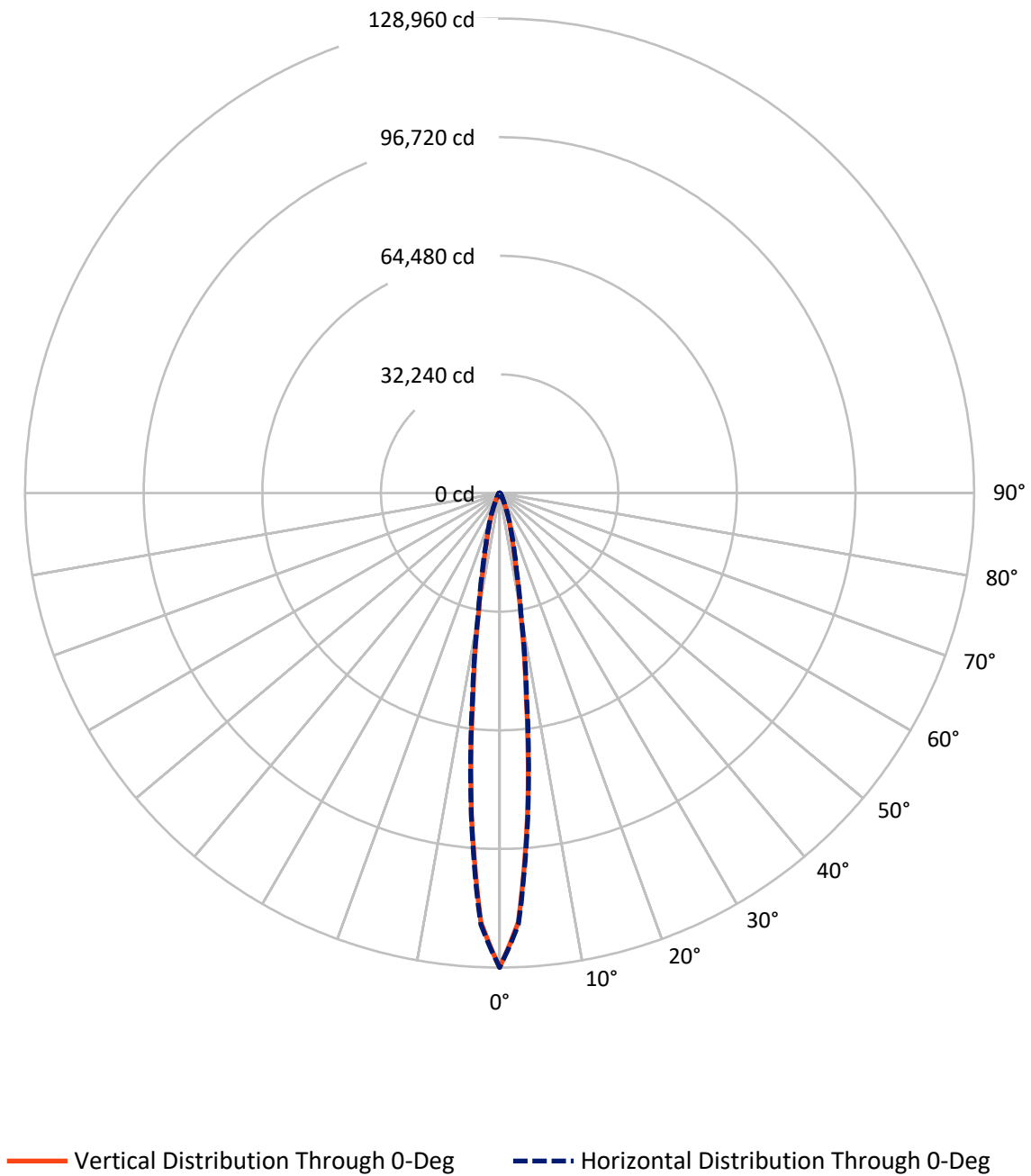
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### Lumen Table

90	0.2	1.9	4.9	8.0	8.7	8.0	4.9	1.9	0.2							
80	0.2	1.9	4.9	8.0	8.7	8.0	4.9	1.9	0.2							
70	0.9	1.0	2.0	3.2	4.6	5.6	6.3	6.6	6.6	6.3	5.6	4.6	3.2	2.0	1.0	0.9
60		1.5	3.0	4.8	6.5	7.9	8.8	9.2	9.2	8.8	7.9	6.5	4.8	3.0	1.5	
50	1.5	1.9	3.8	6.0	7.9	9.9	11.7	12.6	12.6	11.7	9.9	7.9	6.0	3.8	1.9	1.5
40		2.3	4.5	6.9	9.7	14.0	19.7	24.4	24.4	19.7	14.0	9.7	6.9	4.5	2.3	
30	1.9	2.6	4.9	7.7	12.6	25.0	57.0	94.3	94.3	57.0	25.0	12.6	7.7	4.9	2.6	1.9
20		2.8	5.2	8.5	16.7	53.1	188.7	406.3	406.3	188.7	53.1	16.7	8.5	5.2	2.8	
10	2.1	2.9	5.3	9.1	20.2	87.6	410.1	1771.6	1771.6	410.1	87.6	20.2	9.1	5.3	2.9	2.1
0		2.9	5.3	9.1	20.2	87.6	410.1	1771.6	1771.6	410.1	87.6	20.2	9.1	5.3	2.9	
-10	1.9	2.8	5.2	8.5	16.7	53.1	188.7	406.3	406.3	188.7	53.1	16.7	8.5	5.2	2.8	1.9
-20		2.6	4.9	7.7	12.6	25.0	57.0	94.3	94.3	57.0	25.0	12.6	7.7	4.9	2.6	
-30	1.5	2.3	4.5	6.9	9.7	14.0	19.7	24.4	24.4	19.7	14.0	9.7	6.9	4.5	2.3	1.5
-40		1.9	3.8	6.0	7.9	9.9	11.7	12.6	12.6	11.7	9.9	7.9	6.0	3.8	1.9	
-50	0.9	1.5	3.0	4.8	6.5	7.9	8.8	9.2	9.2	8.8	7.9	6.5	4.8	3.0	1.5	0.9
-60		1.0	2.0	3.2	4.6	5.6	6.3	6.6	6.6	6.3	5.6	4.6	3.2	2.0	1.0	
-70	0.2	1.9	4.9	8.0	8.7	8.0	4.9	1.9	0.2							
-80		0.2	1.9	4.9	8.0	8.7	8.0	4.9	1.9	0.2						
-90	0.2	1.9	4.9	8.0	8.7	8.0	4.9	1.9	0.2							

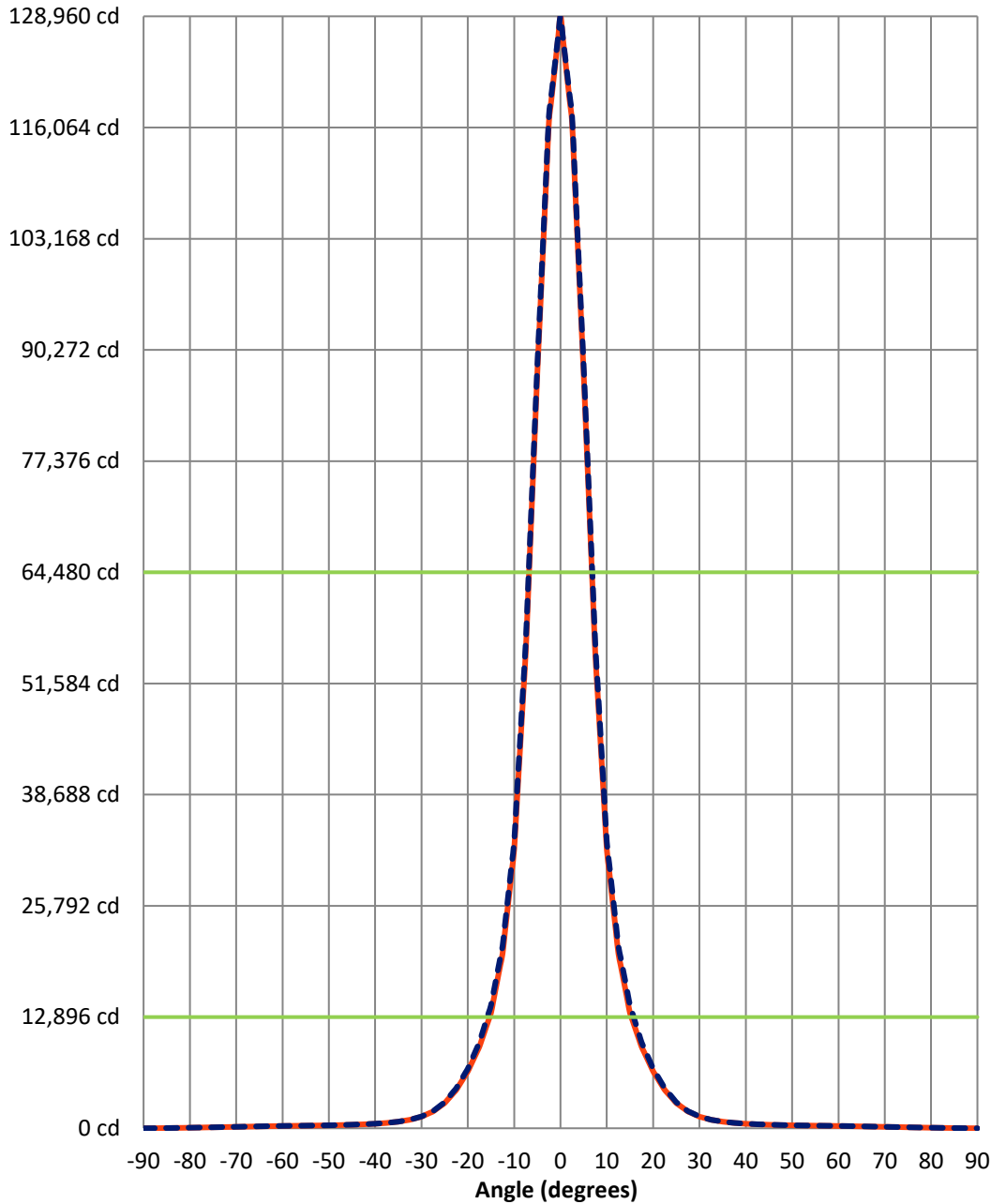
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 4048.6  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 9111.1  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 4582.7  
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
85°	0.0	0.8	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
82.5°	0.0	1.3	2.9	4.3	5.8	7.2	8.6	10.0	11.5	13.5	15.5
80°	0.0	1.7	3.8	5.8	7.7	9.6	11.6	14.4	17.1	19.7	22.4
77.5°	0.0	2.1	4.8	7.2	9.6	12.3	15.8	19.2	22.6	26.0	29.5
75°	0.0	2.5	5.7	8.6	11.6	15.6	19.9	24.1	28.2	32.9	37.5
72.5°	0.0	2.9	6.6	10.0	14.1	18.8	23.9	29.1	34.6	40.1	45.5
70°	0.0	3.3	7.5	11.4	16.5	22.0	28.0	34.6	40.9	47.2	54.2
67.5°	0.0	3.7	8.3	13.2	18.9	25.1	32.6	40.1	47.2	55.1	63.0
65°	0.0	4.0	9.2	14.9	21.3	28.5	37.2	45.5	54.2	63.0	72.2
62.5°	0.0	4.4	9.9	16.5	23.6	32.3	41.6	51.3	61.0	71.0	82.6
60°	0.0	4.8	10.7	18.2	25.8	35.9	46.0	57.1	67.7	79.9	92.6
57.5°	0.0	5.1	11.7	19.7	28.6	39.4	50.7	62.9	75.1	88.5	102.4
55°	0.0	5.4	12.7	21.2	31.3	42.8	55.4	68.4	82.4	96.8	111.8
52.5°	0.0	5.7	13.6	22.7	34.0	46.2	60.0	74.3	89.4	104.8	120.8
50°	0.0	6.0	14.6	24.1	36.5	49.9	64.4	80.1	96.1	112.4	129.4
47.5°	0.0	6.3	15.5	25.5	39.0	53.4	68.7	85.7	102.5	119.7	137.9
45°	0.0	6.6	16.3	27.3	41.3	56.8	73.3	91.0	108.6	127.2	146.1
42.5°	0.0	6.8	17.2	29.0	43.6	60.1	77.7	96.2	114.5	134.4	154.2
40°	0.0	7.0	18.0	30.6	45.9	63.1	81.9	101.1	120.3	141.4	162.0
37.5°	0.0	7.3	18.7	32.2	48.2	66.1	85.9	105.7	126.1	147.9	169.6
35°	0.0	7.5	19.5	33.7	50.4	69.0	89.6	110.1	131.5	154.0	176.9
32.5°	0.0	7.6	20.2	35.1	52.5	72.0	93.1	114.2	136.4	159.8	183.2
30°	0.0	7.8	20.8	36.4	54.4	74.7	96.4	118.1	141.0	165.1	189.0
27.5°	0.0	7.9	21.4	37.6	56.2	77.2	99.4	121.8	145.2	170.0	194.1
25°	0.0	8.1	22.0	38.7	57.9	79.5	102.2	125.1	149.1	174.3	198.7
22.5°	0.0	8.2	22.5	39.8	59.5	81.5	104.7	128.0	152.7	178.1	202.7
20°	0.0	8.2	23.0	40.7	60.9	83.3	106.9	130.6	155.8	181.3	206.3
17.5°	0.0	8.3	23.4	41.5	62.2	84.8	108.7	132.8	158.6	184.0	209.5
15°	0.0	8.4	23.8	42.2	63.3	86.1	110.3	134.7	160.9	186.2	212.2
12.5°	0.0	8.4	24.1	42.8	64.2	87.1	111.5	136.5	162.8	187.9	214.5
10°	0.0	8.4	24.4	43.3	64.9	87.8	112.4	138.1	164.4	189.7	216.7
7.5°	0.0	8.4	24.6	43.7	65.5	88.3	113.1	139.3	165.4	191.3	219.3
5°	0.0	8.4	24.8	44.0	66.0	88.6	113.4	140.2	166.0	192.4	221.3
2.5°	0.0	8.4	24.9	44.1	66.2	88.6	113.5	140.7	166.1	193.2	222.8
0°	0.0	8.3	24.9	44.2	66.3	88.4	113.3	140.9	165.8	193.4	223.8
-2.5°	0.0	8.4	24.9	44.1	66.2	88.6	113.5	140.7	166.1	193.2	222.8
-5°	0.0	8.4	24.8	44.0	66.0	88.6	113.4	140.2	166.0	192.4	221.3
-7.5°	0.0	8.4	24.6	43.7	65.5	88.3	113.1	139.3	165.4	191.3	219.3
-10°	0.0	8.4	24.4	43.3	64.9	87.8	112.4	138.1	164.4	189.7	216.7
-12.5°	0.0	8.4	24.1	42.8	64.2	87.1	111.5	136.5	162.8	187.9	214.5
-15°	0.0	8.4	23.8	42.2	63.3	86.1	110.3	134.7	160.9	186.2	212.2
-17.5°	0.0	8.3	23.4	41.5	62.2	84.8	108.7	132.8	158.6	184.0	209.5
-20°	0.0	8.2	23.0	40.7	60.9	83.3	106.9	130.6	155.8	181.3	206.3

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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	8.2	22.5	39.8	59.5	81.5	104.7	128.0	152.7	178.1	202.7
-25°	0.0	8.1	22.0	38.7	57.9	79.5	102.2	125.1	149.1	174.3	198.7
-27.5°	0.0	7.9	21.4	37.6	56.2	77.2	99.4	121.8	145.2	170.0	194.1
-30°	0.0	7.8	20.8	36.4	54.4	74.7	96.4	118.1	141.0	165.1	189.0
-32.5°	0.0	7.6	20.2	35.1	52.5	72.0	93.1	114.2	136.4	159.8	183.2
-35°	0.0	7.5	19.5	33.7	50.4	69.0	89.6	110.1	131.5	154.0	176.9
-37.5°	0.0	7.3	18.7	32.2	48.2	66.1	85.9	105.7	126.1	147.9	169.6
-40°	0.0	7.0	18.0	30.6	45.9	63.1	81.9	101.1	120.3	141.4	162.0
-42.5°	0.0	6.8	17.2	29.0	43.6	60.1	77.7	96.2	114.5	134.4	154.2
-45°	0.0	6.6	16.3	27.3	41.3	56.8	73.3	91.0	108.6	127.2	146.1
-47.5°	0.0	6.3	15.5	25.5	39.0	53.4	68.7	85.7	102.5	119.7	137.9
-50°	0.0	6.0	14.6	24.1	36.5	49.9	64.4	80.1	96.1	112.4	129.4
-52.5°	0.0	5.7	13.6	22.7	34.0	46.2	60.0	74.3	89.4	104.8	120.8
-55°	0.0	5.4	12.7	21.2	31.3	42.8	55.4	68.4	82.4	96.8	111.8
-57.5°	0.0	5.1	11.7	19.7	28.6	39.4	50.7	62.9	75.1	88.5	102.4
-60°	0.0	4.8	10.7	18.2	25.8	35.9	46.0	57.1	67.7	79.9	92.6
-62.5°	0.0	4.4	9.9	16.5	23.6	32.3	41.6	51.3	61.0	71.0	82.6
-65°	0.0	4.0	9.2	14.9	21.3	28.5	37.2	45.5	54.2	63.0	72.2
-67.5°	0.0	3.7	8.3	13.2	18.9	25.1	32.6	40.1	47.2	55.1	63.0
-70°	0.0	3.3	7.5	11.4	16.5	22.0	28.0	34.6	40.9	47.2	54.2
-72.5°	0.0	2.9	6.6	10.0	14.1	18.8	23.9	29.1	34.6	40.1	45.5
-75°	0.0	2.5	5.7	8.6	11.6	15.6	19.9	24.1	28.2	32.9	37.5
-77.5°	0.0	2.1	4.8	7.2	9.6	12.3	15.8	19.2	22.6	26.0	29.5
-80°	0.0	1.7	3.8	5.8	7.7	9.6	11.6	14.4	17.1	19.7	22.4
-82.5°	0.0	1.3	2.9	4.3	5.8	7.2	8.6	10.0	11.5	13.5	15.5
-85°	0.0	0.8	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
-87.5°	0.0	0.4	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
85°	10.2	11.1	12.3	13.5	14.5	15.4	16.2	16.8	17.9	19.1	20.4
82.5°	17.4	19.3	21.1	22.9	24.2	25.2	26.1	27.6	30.0	32.3	34.5
80°	25.0	27.5	30.3	33.2	35.6	38.0	40.5	43.1	45.8	48.3	50.7
77.5°	33.3	37.0	40.6	44.1	47.6	51.4	55.0	58.5	61.9	65.1	68.1
75°	42.1	46.5	51.4	56.2	60.8	65.4	69.8	74.5	79.0	83.3	87.4
72.5°	51.3	57.1	62.9	68.5	74.5	80.5	86.2	91.7	97.1	102.7	108.6
70°	61.0	67.7	75.2	82.4	89.1	96.2	103.3	109.4	115.2	123.0	130.9
67.5°	71.0	80.1	88.6	96.6	105.6	114.0	121.2	129.0	137.3	146.3	154.1
65°	82.9	92.7	102.5	112.8	123.2	131.9	141.0	150.6	160.0	168.9	177.4
62.5°	94.6	105.7	117.0	128.1	138.9	149.3	160.2	170.9	181.2	191.6	200.8
60°	105.8	118.4	130.4	142.1	154.2	167.2	179.3	191.1	203.4	215.2	221.3
57.5°	116.7	130.2	142.7	155.8	170.0	184.7	197.3	210.8	221.3	229.5	237.5
55°	126.9	140.9	154.6	169.4	184.9	200.0	214.2	226.1	235.9	243.4	251.8
52.5°	136.5	151.3	166.2	182.3	198.7	214.9	229.7	240.9	249.7	257.3	265.2
50°	145.9	161.5	177.2	194.8	212.4	229.6	244.1	254.4	262.7	270.5	278.6
47.5°	155.1	171.5	188.4	207.2	226.2	242.9	256.6	266.0	274.3	283.6	292.5
45°	164.2	181.9	199.8	220.0	239.1	255.1	266.8	276.2	286.5	296.5	306.1
42.5°	173.1	192.1	211.6	232.5	251.0	265.4	276.3	287.4	298.5	309.2	319.9
40°	182.0	201.9	222.6	243.3	262.0	274.5	286.0	297.9	310.2	321.8	333.7
37.5°	190.5	211.2	232.5	253.4	270.4	283.0	295.0	308.2	321.2	333.7	349.3
35°	198.7	219.6	241.1	261.4	277.7	290.7	304.1	318.1	331.6	347.9	365.7
32.5°	205.9	227.2	248.9	267.8	283.8	297.9	312.9	327.4	343.7	362.2	383.5
30°	212.1	233.8	255.6	274.1	289.7	304.6	320.9	336.9	356.0	378.2	403.5
27.5°	217.5	239.8	260.9	279.5	295.3	310.2	327.3	347.5	369.4	394.3	424.1
25°	222.5	245.7	266.0	284.4	299.8	315.3	333.7	356.0	382.4	412.3	448.8
22.5°	227.2	251.5	271.1	289.0	303.3	320.1	340.8	365.1	393.7	428.8	473.1
20°	231.7	255.8	275.2	292.7	305.9	324.2	347.0	373.0	405.5	447.4	498.6
17.5°	235.9	259.5	278.4	294.9	309.4	328.6	352.5	379.4	415.8	464.2	522.1
15°	239.7	262.6	281.0	296.6	312.5	333.3	358.2	387.3	427.1	480.3	542.8
12.5°	243.1	265.1	283.0	298.0	314.9	337.1	363.4	395.7	439.3	496.1	569.1
10°	245.9	267.1	284.4	298.9	316.8	340.0	367.6	402.4	449.0	508.3	589.3
7.5°	248.4	268.6	285.3	299.4	318.0	342.0	370.9	407.6	455.8	517.0	604.0
5°	250.1	269.8	286.5	301.1	319.9	343.6	373.4	411.1	459.8	522.1	613.0
2.5°	251.1	270.6	287.2	302.7	321.9	345.0	375.2	415.0	463.0	527.2	620.0
0°	251.4	270.8	287.4	303.9	323.3	345.4	375.8	417.2	464.2	530.5	624.4
-2.5°	251.1	270.6	287.2	302.7	321.9	345.0	375.2	415.0	463.0	527.2	620.0
-5°	250.1	269.8	286.5	301.1	319.9	343.6	373.4	411.1	459.8	522.1	613.0
-7.5°	248.4	268.6	285.3	299.4	318.0	342.0	370.9	407.6	455.8	517.0	604.0
-10°	245.9	267.1	284.4	298.9	316.8	340.0	367.6	402.4	449.0	508.3	589.3
-12.5°	243.1	265.1	283.0	298.0	314.9	337.1	363.4	395.7	439.3	496.1	569.1
-15°	239.7	262.6	281.0	296.6	312.5	333.3	358.2	387.3	427.1	480.3	542.8
-17.5°	235.9	259.5	278.4	294.9	309.4	328.6	352.5	379.4	415.8	464.2	522.1
-20°	231.7	255.8	275.2	292.7	305.9	324.2	347.0	373.0	405.5	447.4	498.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	227.2	251.5	271.1	289.0	303.3	320.1	340.8	365.1	393.7	428.8	473.1
-25°	222.5	245.7	266.0	284.4	299.8	315.3	333.7	356.0	382.4	412.3	448.8
-27.5°	217.5	239.8	260.9	279.5	295.3	310.2	327.3	347.5	369.4	394.3	424.1
-30°	212.1	233.8	255.6	274.1	289.7	304.6	320.9	336.9	356.0	378.2	403.5
-32.5°	205.9	227.2	248.9	267.8	283.8	297.9	312.9	327.4	343.7	362.2	383.5
-35°	198.7	219.6	241.1	261.4	277.7	290.7	304.1	318.1	331.6	347.9	365.7
-37.5°	190.5	211.2	232.5	253.4	270.4	283.0	295.0	308.2	321.2	333.7	349.3
-40°	182.0	201.9	222.6	243.3	262.0	274.5	286.0	297.9	310.2	321.8	333.7
-42.5°	173.1	192.1	211.6	232.5	251.0	265.4	276.3	287.4	298.5	309.2	319.9
-45°	164.2	181.9	199.8	220.0	239.1	255.1	266.8	276.2	286.5	296.5	306.1
-47.5°	155.1	171.5	188.4	207.2	226.2	242.9	256.6	266.0	274.3	283.6	292.5
-50°	145.9	161.5	177.2	194.8	212.4	229.6	244.1	254.4	262.7	270.5	278.6
-52.5°	136.5	151.3	166.2	182.3	198.7	214.9	229.7	240.9	249.7	257.3	265.2
-55°	126.9	140.9	154.6	169.4	184.9	200.0	214.2	226.1	235.9	243.4	251.8
-57.5°	116.7	130.2	142.7	155.8	170.0	184.7	197.3	210.8	221.3	229.5	237.5
-60°	105.8	118.4	130.4	142.1	154.2	167.2	179.3	191.1	203.4	215.2	221.3
-62.5°	94.6	105.7	117.0	128.1	138.9	149.3	160.2	170.9	181.2	191.6	200.8
-65°	82.9	92.7	102.5	112.8	123.2	131.9	141.0	150.6	160.0	168.9	177.4
-67.5°	71.0	80.1	88.6	96.6	105.6	114.0	121.2	129.0	137.3	146.3	154.1
-70°	61.0	67.7	75.2	82.4	89.1	96.2	103.3	109.4	115.2	123.0	130.9
-72.5°	51.3	57.1	62.9	68.5	74.5	80.5	86.2	91.7	97.1	102.7	108.6
-75°	42.1	46.5	51.4	56.2	60.8	65.4	69.8	74.5	79.0	83.3	87.4
-77.5°	33.3	37.0	40.6	44.1	47.6	51.4	55.0	58.5	61.9	65.1	68.1
-80°	25.0	27.5	30.3	33.2	35.6	38.0	40.5	43.1	45.8	48.3	50.7
-82.5°	17.4	19.3	21.1	22.9	24.2	25.2	26.1	27.6	30.0	32.3	34.5
-85°	10.2	11.1	12.3	13.5	14.5	15.4	16.2	16.8	17.9	19.1	20.4
-87.5°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
-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: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-730-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°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.2	9.6
85°	21.6	22.4	23.2	23.9	24.5	25.1	25.6	26.1	26.5	26.2	25.8
82.5°	36.4	37.8	39.2	40.4	41.5	42.5	43.5	44.3	45.0	44.9	44.7
80°	53.0	55.4	57.7	60.1	62.4	63.8	64.8	65.6	66.1	66.3	66.4
77.5°	71.2	74.9	78.7	82.4	86.1	88.3	89.8	91.0	92.0	92.2	92.1
75°	91.3	96.1	101.3	105.9	109.8	112.2	113.9	115.4	116.5	116.8	116.7
72.5°	114.8	120.6	125.3	129.2	132.5	135.1	137.2	139.0	140.5	141.1	141.2
70°	137.9	143.7	148.1	152.1	155.3	158.0	160.6	162.7	164.5	165.8	166.8
67.5°	161.3	167.9	172.5	176.0	178.8	181.6	185.0	187.9	190.3	192.0	192.8
65°	185.4	192.1	196.5	200.4	203.8	207.4	211.1	213.9	215.7	216.8	217.6
62.5°	208.6	214.9	220.4	225.6	230.5	234.6	237.2	239.5	241.4	243.1	244.3
60°	228.5	236.6	242.8	247.7	252.6	257.3	260.4	262.9	264.8	266.2	267.1
57.5°	245.6	253.8	261.1	265.9	271.1	276.7	280.4	282.5	284.4	286.1	286.9
55°	260.5	268.1	274.8	281.3	287.2	292.2	296.1	298.9	301.3	303.3	303.9
52.5°	273.9	282.1	290.0	297.0	302.7	307.5	311.4	314.9	317.6	319.4	320.2
50°	288.0	296.9	305.3	312.9	318.9	324.2	329.1	333.2	337.2	340.3	342.5
47.5°	301.8	311.3	320.7	329.0	336.1	343.9	350.9	356.8	362.6	367.3	370.5
45°	315.8	326.7	336.9	347.7	357.3	367.5	377.0	385.1	393.5	399.9	404.1
42.5°	331.3	343.7	356.0	369.4	382.5	395.8	410.2	423.0	432.9	442.1	449.7
40°	347.9	362.2	378.2	394.6	413.9	431.5	450.8	467.3	482.3	498.1	510.7
37.5°	365.7	383.5	404.5	426.5	451.5	475.5	500.7	525.4	547.0	572.5	591.9
35°	385.3	409.1	434.9	464.6	495.8	530.2	564.6	604.4	638.6	676.3	709.2
32.5°	408.5	436.9	470.8	510.0	550.1	602.2	650.9	714.3	769.1	828.9	889.1
30°	432.4	469.5	513.2	562.7	626.3	698.0	778.0	872.2	969.4	1063.4	1176.8
27.5°	461.9	506.7	559.7	632.0	725.6	822.5	960.0	1101.4	1280.1	1427.8	1636.2
25°	492.7	545.3	620.7	719.0	841.1	1009.3	1218.0	1444.1	1758.4	2034.5	2358.4
22.5°	526.1	597.3	691.0	812.3	997.4	1255.7	1571.6	1997.3	2460.9	2953.1	3442.6
20°	560.9	647.0	769.9	945.7	1199.8	1549.6	2091.9	2749.1	3411.3	4223.4	4942.5
17.5°	601.3	710.8	862.2	1082.2	1421.2	1957.1	2709.4	3626.8	4654.2	5821.9	6858.6
15°	634.9	765.5	956.6	1264.3	1730.7	2418.8	3367.5	4629.6	6173.5	7741.7	9332.7
12.5°	673.9	825.1	1049.5	1416.4	2002.1	2916.5	4207.9	5805.4	7733.6	9908.8	12472.9
10°	708.6	883.5	1162.4	1616.6	2332.3	3435.7	5002.9	6924.9	9413.2	12542.7	16513.6
7.5°	734.3	930.0	1249.7	1769.0	2617.9	3934.7	5754.1	8150.7	11312.6	15445.0	20894.7
5°	751.0	963.7	1311.4	1886.6	2841.4	4306.2	6304.6	9020.1	12834.7	18679.4	27907.6
2.5°	761.0	983.6	1346.6	1955.6	2977.3	4552.3	6723.5	9677.6	13821.2	20678.2	32418.3
0°	765.4	989.2	1367.7	1992.1	3022.7	4647.4	6915.8	9977.2	14262.6	21145.3	33211.3
-2.5°	761.0	983.6	1346.6	1955.6	2977.3	4552.3	6723.5	9677.6	13821.2	20678.2	32418.3
-5°	751.0	963.7	1311.4	1886.6	2841.4	4306.2	6304.6	9020.1	12834.7	18679.4	27907.6
-7.5°	734.3	930.0	1249.7	1769.0	2617.9	3934.7	5754.1	8150.7	11312.6	15445.0	20894.7
-10°	708.6	883.5	1162.4	1616.6	2332.3	3435.7	5002.9	6924.9	9413.2	12542.7	16513.6
-12.5°	673.9	825.1	1049.5	1416.4	2002.1	2916.5	4207.9	5805.4	7733.6	9908.8	12472.9
-15°	634.9	765.5	956.6	1264.3	1730.7	2418.8	3367.5	4629.6	6173.5	7741.7	9332.7
-17.5°	601.3	710.8	862.2	1082.2	1421.2	1957.1	2709.4	3626.8	4654.2	5821.9	6858.6
-20°	560.9	647.0	769.9	945.7	1199.8	1549.6	2091.9	2749.1	3411.3	4223.4	4942.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	526.1	597.3	691.0	812.3	997.4	1255.7	1571.6	1997.3	2460.9	2953.1	3442.6
-25°	492.7	545.3	620.7	719.0	841.1	1009.3	1218.0	1444.1	1758.4	2034.5	2358.4
-27.5°	461.9	506.7	559.7	632.0	725.6	822.5	960.0	1101.4	1280.1	1427.8	1636.2
-30°	432.4	469.5	513.2	562.7	626.3	698.0	778.0	872.2	969.4	1063.4	1176.8
-32.5°	408.5	436.9	470.8	510.0	550.1	602.2	650.9	714.3	769.1	828.9	889.1
-35°	385.3	409.1	434.9	464.6	495.8	530.2	564.6	604.4	638.6	676.3	709.2
-37.5°	365.7	383.5	404.5	426.5	451.5	475.5	500.7	525.4	547.0	572.5	591.9
-40°	347.9	362.2	378.2	394.6	413.9	431.5	450.8	467.3	482.3	498.1	510.7
-42.5°	331.3	343.7	356.0	369.4	382.5	395.8	410.2	423.0	432.9	442.1	449.7
-45°	315.8	326.7	336.9	347.7	357.3	367.5	377.0	385.1	393.5	399.9	404.1
-47.5°	301.8	311.3	320.7	329.0	336.1	343.9	350.9	356.8	362.6	367.3	370.5
-50°	288.0	296.9	305.3	312.9	318.9	324.2	329.1	333.2	337.2	340.3	342.5
-52.5°	273.9	282.1	290.0	297.0	302.7	307.5	311.4	314.9	317.6	319.4	320.2
-55°	260.5	268.1	274.8	281.3	287.2	292.2	296.1	298.9	301.3	303.3	303.9
-57.5°	245.6	253.8	261.1	265.9	271.1	276.7	280.4	282.5	284.4	286.1	286.9
-60°	228.5	236.6	242.8	247.7	252.6	257.3	260.4	262.9	264.8	266.2	267.1
-62.5°	208.6	214.9	220.4	225.6	230.5	234.6	237.2	239.5	241.4	243.1	244.3
-65°	185.4	192.1	196.5	200.4	203.8	207.4	211.1	213.9	215.7	216.8	217.6
-67.5°	161.3	167.9	172.5	176.0	178.8	181.6	185.0	187.9	190.3	192.0	192.8
-70°	137.9	143.7	148.1	152.1	155.3	158.0	160.6	162.7	164.5	165.8	166.8
-72.5°	114.8	120.6	125.3	129.2	132.5	135.1	137.2	139.0	140.5	141.1	141.2
-75°	91.3	96.1	101.3	105.9	109.8	112.2	113.9	115.4	116.5	116.8	116.7
-77.5°	71.2	74.9	78.7	82.4	86.1	88.3	89.8	91.0	92.0	92.2	92.1
-80°	53.0	55.4	57.7	60.1	62.4	63.8	64.8	65.6	66.1	66.3	66.4
-82.5°	36.4	37.8	39.2	40.4	41.5	42.5	43.5	44.3	45.0	44.9	44.7
-85°	21.6	22.4	23.2	23.9	24.5	25.1	25.6	26.1	26.5	26.2	25.8
-87.5°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.2	9.6
-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: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-730-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°	8.9	8.3	8.3	8.3	8.3	8.3	8.9	9.6	10.2	10.7	10.6
85°	25.3	24.8	24.9	24.9	24.9	24.8	25.3	25.8	26.2	26.5	26.1
82.5°	44.4	44.0	44.1	44.2	44.1	44.0	44.4	44.7	44.9	45.0	44.3
80°	66.3	66.0	64.8	63.5	64.8	66.0	66.3	66.4	66.3	66.1	65.6
77.5°	91.6	90.8	89.7	88.4	89.7	90.8	91.6	92.1	92.2	92.0	91.0
75°	116.2	115.5	115.8	116.0	115.8	115.5	116.2	116.7	116.8	116.5	115.4
72.5°	140.9	140.3	140.7	140.9	140.7	140.3	140.9	141.2	141.1	140.5	139.0
70°	167.4	167.7	167.0	165.8	167.0	167.7	167.4	166.8	165.8	164.5	162.7
67.5°	193.0	192.7	191.9	190.6	191.9	192.7	193.0	192.8	192.0	190.3	187.9
65°	217.8	217.6	218.0	218.3	218.0	217.6	217.8	217.6	216.8	215.7	213.9
62.5°	245.0	245.0	244.4	243.1	244.4	245.0	245.0	244.3	243.1	241.4	239.5
60°	267.5	267.3	266.5	265.2	266.5	267.3	267.5	267.1	266.2	264.8	262.9
57.5°	287.1	286.8	286.0	284.6	286.0	286.8	287.1	286.9	286.1	284.4	282.5
55°	303.9	303.5	302.6	301.2	302.6	303.5	303.9	303.9	303.3	301.3	298.9
52.5°	320.4	320.1	320.2	320.5	320.2	320.1	320.4	320.2	319.4	317.6	314.9
50°	343.9	344.4	344.0	342.6	344.0	344.4	343.9	342.5	340.3	337.2	333.2
47.5°	372.1	372.2	371.5	370.2	371.5	372.2	372.1	370.5	367.3	362.6	356.8
45°	407.5	409.5	410.0	408.9	410.0	409.5	407.5	404.1	399.9	393.5	385.1
42.5°	455.5	458.6	459.5	458.7	459.5	458.6	455.5	449.7	442.1	432.9	423.0
40°	518.5	522.0	522.7	522.2	522.7	522.0	518.5	510.7	498.1	482.3	467.3
37.5°	605.6	614.3	618.5	618.9	618.5	614.3	605.6	591.9	572.5	547.0	525.4
35°	734.2	751.6	760.9	765.4	760.9	751.6	734.2	709.2	676.3	638.6	604.4
32.5°	934.7	969.5	988.7	986.4	988.7	969.5	934.7	889.1	828.9	769.1	714.3
30°	1262.4	1323.1	1353.7	1345.6	1353.7	1323.1	1262.4	1176.8	1063.4	969.4	872.2
27.5°	1785.8	1895.6	1959.0	1950.7	1959.0	1895.6	1785.8	1636.2	1427.8	1280.1	1101.4
25°	2629.1	2829.5	2957.8	2926.0	2957.8	2829.5	2629.1	2358.4	2034.5	1758.4	1444.1
22.5°	3912.0	4251.5	4476.1	4448.4	4476.1	4251.5	3912.0	3442.6	2953.1	2460.9	1997.3
20°	5671.7	6188.5	6557.5	6606.3	6557.5	6188.5	5671.7	4942.5	4223.4	3411.3	2749.1
17.5°	7978.4	8797.8	9368.1	9463.3	9368.1	8797.8	7978.4	6858.6	5821.9	4654.2	3626.8
15°	10976.3	12315.5	13284.7	13364.6	13284.7	12315.5	10976.3	9332.7	7741.7	6173.5	4629.6
12.5°	15046.9	17740.4	19498.2	20272.2	19498.2	17740.4	15046.9	12472.9	9908.8	7733.6	5805.4
10°	20680.6	26867.3	30829.4	32318.9	30829.4	26867.3	20680.6	16513.6	12542.7	9413.2	6924.9
7.5°	30090.4	39803.6	50602.3	55204.8	50602.3	39803.6	30090.4	20894.7	15445.0	11312.6	8150.7
5°	40746.2	60905.3	80080.1	87567.9	80080.1	60905.3	40746.2	27907.6	18679.4	12834.7	9020.1
2.5°	51958.9	80057.7	106388.4	116685.8	106388.4	80057.7	51958.9	32418.3	20678.2	13821.2	9677.6
0°	56337.7	88443.7	117413.9	128960.4	117413.9	88443.7	56337.7	33211.3	21145.3	14262.6	9977.2
-2.5°	51958.9	80057.7	106388.4	116685.8	106388.4	80057.7	51958.9	32418.3	20678.2	13821.2	9677.6
-5°	40746.2	60905.3	80080.1	87567.9	80080.1	60905.3	40746.2	27907.6	18679.4	12834.7	9020.1
-7.5°	30090.4	39803.6	50602.3	55204.8	50602.3	39803.6	30090.4	20894.7	15445.0	11312.6	8150.7
-10°	20680.6	26867.3	30829.4	32318.9	30829.4	26867.3	20680.6	16513.6	12542.7	9413.2	6924.9
-12.5°	15046.9	17740.4	19498.2	20272.2	19498.2	17740.4	15046.9	12472.9	9908.8	7733.6	5805.4
-15°	10976.3	12315.5	13284.7	13364.6	13284.7	12315.5	10976.3	9332.7	7741.7	6173.5	4629.6
-17.5°	7978.4	8797.8	9368.1	9463.3	9368.1	8797.8	7978.4	6858.6	5821.9	4654.2	3626.8
-20°	5671.7	6188.5	6557.5	6606.3	6557.5	6188.5	5671.7	4942.5	4223.4	3411.3	2749.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	3912.0	4251.5	4476.1	4448.4	4476.1	4251.5	3912.0	3442.6	2953.1	2460.9	1997.3
-25°	2629.1	2829.5	2957.8	2926.0	2957.8	2829.5	2629.1	2358.4	2034.5	1758.4	1444.1
-27.5°	1785.8	1895.6	1959.0	1950.7	1959.0	1895.6	1785.8	1636.2	1427.8	1280.1	1101.4
-30°	1262.4	1323.1	1353.7	1345.6	1353.7	1323.1	1262.4	1176.8	1063.4	969.4	872.2
-32.5°	934.7	969.5	988.7	986.4	988.7	969.5	934.7	889.1	828.9	769.1	714.3
-35°	734.2	751.6	760.9	765.4	760.9	751.6	734.2	709.2	676.3	638.6	604.4
-37.5°	605.6	614.3	618.5	618.9	618.5	614.3	605.6	591.9	572.5	547.0	525.4
-40°	518.5	522.0	522.7	522.2	522.7	522.0	518.5	510.7	498.1	482.3	467.3
-42.5°	455.5	458.6	459.5	458.7	459.5	458.6	455.5	449.7	442.1	432.9	423.0
-45°	407.5	409.5	410.0	408.9	410.0	409.5	407.5	404.1	399.9	393.5	385.1
-47.5°	372.1	372.2	371.5	370.2	371.5	372.2	372.1	370.5	367.3	362.6	356.8
-50°	343.9	344.4	344.0	342.6	344.0	344.4	343.9	342.5	340.3	337.2	333.2
-52.5°	320.4	320.1	320.2	320.5	320.2	320.1	320.4	320.2	319.4	317.6	314.9
-55°	303.9	303.5	302.6	301.2	302.6	303.5	303.9	303.9	303.3	301.3	298.9
-57.5°	287.1	286.8	286.0	284.6	286.0	286.8	287.1	286.9	286.1	284.4	282.5
-60°	267.5	267.3	266.5	265.2	266.5	267.3	267.5	267.1	266.2	264.8	262.9
-62.5°	245.0	245.0	244.4	243.1	244.4	245.0	245.0	244.3	243.1	241.4	239.5
-65°	217.8	217.6	218.0	218.3	218.0	217.6	217.8	217.6	216.8	215.7	213.9
-67.5°	193.0	192.7	191.9	190.6	191.9	192.7	193.0	192.8	192.0	190.3	187.9
-70°	167.4	167.7	167.0	165.8	167.0	167.7	167.4	166.8	165.8	164.5	162.7
-72.5°	140.9	140.3	140.7	140.9	140.7	140.3	140.9	141.2	141.1	140.5	139.0
-75°	116.2	115.5	115.8	116.0	115.8	115.5	116.2	116.7	116.8	116.5	115.4
-77.5°	91.6	90.8	89.7	88.4	89.7	90.8	91.6	92.1	92.2	92.0	91.0
-80°	66.3	66.0	64.8	63.5	64.8	66.0	66.3	66.4	66.3	66.1	65.6
-82.5°	44.4	44.0	44.1	44.2	44.1	44.0	44.4	44.7	44.9	45.0	44.3
-85°	25.3	24.8	24.9	24.9	24.9	24.8	25.3	25.8	26.2	26.5	26.1
-87.5°	8.9	8.3	8.3	8.3	8.3	8.3	8.9	9.6	10.2	10.7	10.6
-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: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.8
85°	25.6	25.1	24.5	23.9	23.2	22.4	21.6	20.4	19.1	17.9	16.8
82.5°	43.5	42.5	41.5	40.4	39.2	37.8	36.4	34.5	32.3	30.0	27.6
80°	64.8	63.8	62.4	60.1	57.7	55.4	53.0	50.7	48.3	45.8	43.1
77.5°	89.8	88.3	86.1	82.4	78.7	74.9	71.2	68.1	65.1	61.9	58.5
75°	113.9	112.2	109.8	105.9	101.3	96.1	91.3	87.4	83.3	79.0	74.5
72.5°	137.2	135.1	132.5	129.2	125.3	120.6	114.8	108.6	102.7	97.1	91.7
70°	160.6	158.0	155.3	152.1	148.1	143.7	137.9	130.9	123.0	115.2	109.4
67.5°	185.0	181.6	178.8	176.0	172.5	167.9	161.3	154.1	146.3	137.3	129.0
65°	211.1	207.4	203.8	200.4	196.5	192.1	185.4	177.4	168.9	160.0	150.6
62.5°	237.2	234.6	230.5	225.6	220.4	214.9	208.6	200.8	191.6	181.2	170.9
60°	260.4	257.3	252.6	247.7	242.8	236.6	228.5	221.3	215.2	203.4	191.1
57.5°	280.4	276.7	271.1	265.9	261.1	253.8	245.6	237.5	229.5	221.3	210.8
55°	296.1	292.2	287.2	281.3	274.8	268.1	260.5	251.8	243.4	235.9	226.1
52.5°	311.4	307.5	302.7	297.0	290.0	282.1	273.9	265.2	257.3	249.7	240.9
50°	329.1	324.2	318.9	312.9	305.3	296.9	288.0	278.6	270.5	262.7	254.4
47.5°	350.9	343.9	336.1	329.0	320.7	311.3	301.8	292.5	283.6	274.3	266.0
45°	377.0	367.5	357.3	347.7	336.9	326.7	315.8	306.1	296.5	286.5	276.2
42.5°	410.2	395.8	382.5	369.4	356.0	343.7	331.3	319.9	309.2	298.5	287.4
40°	450.8	431.5	413.9	394.6	378.2	362.2	347.9	333.7	321.8	310.2	297.9
37.5°	500.7	475.5	451.5	426.5	404.5	383.5	365.7	349.3	333.7	321.2	308.2
35°	564.6	530.2	495.8	464.6	434.9	409.1	385.3	365.7	347.9	331.6	318.1
32.5°	650.9	602.2	550.1	510.0	470.8	436.9	408.5	383.5	362.2	343.7	327.4
30°	778.0	698.0	626.3	562.7	513.2	469.5	432.4	403.5	378.2	356.0	336.9
27.5°	960.0	822.5	725.6	632.0	559.7	506.7	461.9	424.1	394.3	369.4	347.5
25°	1218.0	1009.3	841.1	719.0	620.7	545.3	492.7	448.8	412.3	382.4	356.0
22.5°	1571.6	1255.7	997.4	812.3	691.0	597.3	526.1	473.1	428.8	393.7	365.1
20°	2091.9	1549.6	1199.8	945.7	769.9	647.0	560.9	498.6	447.4	405.5	373.0
17.5°	2709.4	1957.1	1421.2	1082.2	862.2	710.8	601.3	522.1	464.2	415.8	379.4
15°	3367.5	2418.8	1730.7	1264.3	956.6	765.5	634.9	542.8	480.3	427.1	387.3
12.5°	4207.9	2916.5	2002.1	1416.4	1049.5	825.1	673.9	569.1	496.1	439.3	395.7
10°	5002.9	3435.7	2332.3	1616.6	1162.4	883.5	708.6	589.3	508.3	449.0	402.4
7.5°	5754.1	3934.7	2617.9	1769.0	1249.7	930.0	734.3	604.0	517.0	455.8	407.6
5°	6304.6	4306.2	2841.4	1886.6	1311.4	963.7	751.0	613.0	522.1	459.8	411.1
2.5°	6723.5	4552.3	2977.3	1955.6	1346.6	983.6	761.0	620.0	527.2	463.0	415.0
0°	6915.8	4647.4	3022.7	1992.1	1367.7	989.2	765.4	624.4	530.5	464.2	417.2
-2.5°	6723.5	4552.3	2977.3	1955.6	1346.6	983.6	761.0	620.0	527.2	463.0	415.0
-5°	6304.6	4306.2	2841.4	1886.6	1311.4	963.7	751.0	613.0	522.1	459.8	411.1
-7.5°	5754.1	3934.7	2617.9	1769.0	1249.7	930.0	734.3	604.0	517.0	455.8	407.6
-10°	5002.9	3435.7	2332.3	1616.6	1162.4	883.5	708.6	589.3	508.3	449.0	402.4
-12.5°	4207.9	2916.5	2002.1	1416.4	1049.5	825.1	673.9	569.1	496.1	439.3	395.7
-15°	3367.5	2418.8	1730.7	1264.3	956.6	765.5	634.9	542.8	480.3	427.1	387.3
-17.5°	2709.4	1957.1	1421.2	1082.2	862.2	710.8	601.3	522.1	464.2	415.8	379.4
-20°	2091.9	1549.6	1199.8	945.7	769.9	647.0	560.9	498.6	447.4	405.5	373.0



Classified

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REPORT NUMBER: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1571.6	1255.7	997.4	812.3	691.0	597.3	526.1	473.1	428.8	393.7	365.1
-25°	1218.0	1009.3	841.1	719.0	620.7	545.3	492.7	448.8	412.3	382.4	356.0
-27.5°	960.0	822.5	725.6	632.0	559.7	506.7	461.9	424.1	394.3	369.4	347.5
-30°	778.0	698.0	626.3	562.7	513.2	469.5	432.4	403.5	378.2	356.0	336.9
-32.5°	650.9	602.2	550.1	510.0	470.8	436.9	408.5	383.5	362.2	343.7	327.4
-35°	564.6	530.2	495.8	464.6	434.9	409.1	385.3	365.7	347.9	331.6	318.1
-37.5°	500.7	475.5	451.5	426.5	404.5	383.5	365.7	349.3	333.7	321.2	308.2
-40°	450.8	431.5	413.9	394.6	378.2	362.2	347.9	333.7	321.8	310.2	297.9
-42.5°	410.2	395.8	382.5	369.4	356.0	343.7	331.3	319.9	309.2	298.5	287.4
-45°	377.0	367.5	357.3	347.7	336.9	326.7	315.8	306.1	296.5	286.5	276.2
-47.5°	350.9	343.9	336.1	329.0	320.7	311.3	301.8	292.5	283.6	274.3	266.0
-50°	329.1	324.2	318.9	312.9	305.3	296.9	288.0	278.6	270.5	262.7	254.4
-52.5°	311.4	307.5	302.7	297.0	290.0	282.1	273.9	265.2	257.3	249.7	240.9
-55°	296.1	292.2	287.2	281.3	274.8	268.1	260.5	251.8	243.4	235.9	226.1
-57.5°	280.4	276.7	271.1	265.9	261.1	253.8	245.6	237.5	229.5	221.3	210.8
-60°	260.4	257.3	252.6	247.7	242.8	236.6	228.5	221.3	215.2	203.4	191.1
-62.5°	237.2	234.6	230.5	225.6	220.4	214.9	208.6	200.8	191.6	181.2	170.9
-65°	211.1	207.4	203.8	200.4	196.5	192.1	185.4	177.4	168.9	160.0	150.6
-67.5°	185.0	181.6	178.8	176.0	172.5	167.9	161.3	154.1	146.3	137.3	129.0
-70°	160.6	158.0	155.3	152.1	148.1	143.7	137.9	130.9	123.0	115.2	109.4
-72.5°	137.2	135.1	132.5	129.2	125.3	120.6	114.8	108.6	102.7	97.1	91.7
-75°	113.9	112.2	109.8	105.9	101.3	96.1	91.3	87.4	83.3	79.0	74.5
-77.5°	89.8	88.3	86.1	82.4	78.7	74.9	71.2	68.1	65.1	61.9	58.5
-80°	64.8	63.8	62.4	60.1	57.7	55.4	53.0	50.7	48.3	45.8	43.1
-82.5°	43.5	42.5	41.5	40.4	39.2	37.8	36.4	34.5	32.3	30.0	27.6
-85°	25.6	25.1	24.5	23.9	23.2	22.4	21.6	20.4	19.1	17.9	16.8
-87.5°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626969 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-730-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°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
85°	16.2	15.4	14.5	13.5	12.3	11.1	10.2	9.4	8.5	7.6	6.7
82.5°	26.1	25.2	24.2	22.9	21.1	19.3	17.4	15.5	13.5	11.5	10.0
80°	40.5	38.0	35.6	33.2	30.3	27.5	25.0	22.4	19.7	17.1	14.4
77.5°	55.0	51.4	47.6	44.1	40.6	37.0	33.3	29.5	26.0	22.6	19.2
75°	69.8	65.4	60.8	56.2	51.4	46.5	42.1	37.5	32.9	28.2	24.1
72.5°	86.2	80.5	74.5	68.5	62.9	57.1	51.3	45.5	40.1	34.6	29.1
70°	103.3	96.2	89.1	82.4	75.2	67.7	61.0	54.2	47.2	40.9	34.6
67.5°	121.2	114.0	105.6	96.6	88.6	80.1	71.0	63.0	55.1	47.2	40.1
65°	141.0	131.9	123.2	112.8	102.5	92.7	82.9	72.2	63.0	54.2	45.5
62.5°	160.2	149.3	138.9	128.1	117.0	105.7	94.6	82.6	71.0	61.0	51.3
60°	179.3	167.2	154.2	142.1	130.4	118.4	105.8	92.6	79.9	67.7	57.1
57.5°	197.3	184.7	170.0	155.8	142.7	130.2	116.7	102.4	88.5	75.1	62.9
55°	214.2	200.0	184.9	169.4	154.6	140.9	126.9	111.8	96.8	82.4	68.4
52.5°	229.7	214.9	198.7	182.3	166.2	151.3	136.5	120.8	104.8	89.4	74.3
50°	244.1	229.6	212.4	194.8	177.2	161.5	145.9	129.4	112.4	96.1	80.1
47.5°	256.6	242.9	226.2	207.2	188.4	171.5	155.1	137.9	119.7	102.5	85.7
45°	266.8	255.1	239.1	220.0	199.8	181.9	164.2	146.1	127.2	108.6	91.0
42.5°	276.3	265.4	251.0	232.5	211.6	192.1	173.1	154.2	134.4	114.5	96.2
40°	286.0	274.5	262.0	243.3	222.6	201.9	182.0	162.0	141.4	120.3	101.1
37.5°	295.0	283.0	270.4	253.4	232.5	211.2	190.5	169.6	147.9	126.1	105.7
35°	304.1	290.7	277.7	261.4	241.1	219.6	198.7	176.9	154.0	131.5	110.1
32.5°	312.9	297.9	283.8	267.8	248.9	227.2	205.9	183.2	159.8	136.4	114.2
30°	320.9	304.6	289.7	274.1	255.6	233.8	212.1	189.0	165.1	141.0	118.1
27.5°	327.3	310.2	295.3	279.5	260.9	239.8	217.5	194.1	170.0	145.2	121.8
25°	333.7	315.3	299.8	284.4	266.0	245.7	222.5	198.7	174.3	149.1	125.1
22.5°	340.8	320.1	303.3	289.0	271.1	251.5	227.2	202.7	178.1	152.7	128.0
20°	347.0	324.2	305.9	292.7	275.2	255.8	231.7	206.3	181.3	155.8	130.6
17.5°	352.5	328.6	309.4	294.9	278.4	259.5	235.9	209.5	184.0	158.6	132.8
15°	358.2	333.3	312.5	296.6	281.0	262.6	239.7	212.2	186.2	160.9	134.7
12.5°	363.4	337.1	314.9	298.0	283.0	265.1	243.1	214.5	187.9	162.8	136.5
10°	367.6	340.0	316.8	298.9	284.4	267.1	245.9	216.7	189.7	164.4	138.1
7.5°	370.9	342.0	318.0	299.4	285.3	268.6	248.4	219.3	191.3	165.4	139.3
5°	373.4	343.6	319.9	301.1	286.5	269.8	250.1	221.3	192.4	166.0	140.2
2.5°	375.2	345.0	321.9	302.7	287.2	270.6	251.1	222.8	193.2	166.1	140.7
0°	375.8	345.4	323.3	303.9	287.4	270.8	251.4	223.8	193.4	165.8	140.9
-2.5°	375.2	345.0	321.9	302.7	287.2	270.6	251.1	222.8	193.2	166.1	140.7
-5°	373.4	343.6	319.9	301.1	286.5	269.8	250.1	221.3	192.4	166.0	140.2
-7.5°	370.9	342.0	318.0	299.4	285.3	268.6	248.4	219.3	191.3	165.4	139.3
-10°	367.6	340.0	316.8	298.9	284.4	267.1	245.9	216.7	189.7	164.4	138.1
-12.5°	363.4	337.1	314.9	298.0	283.0	265.1	243.1	214.5	187.9	162.8	136.5
-15°	358.2	333.3	312.5	296.6	281.0	262.6	239.7	212.2	186.2	160.9	134.7
-17.5°	352.5	328.6	309.4	294.9	278.4	259.5	235.9	209.5	184.0	158.6	132.8
-20°	347.0	324.2	305.9	292.7	275.2	255.8	231.7	206.3	181.3	155.8	130.6

Classified

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2D-730-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°	340.8	320.1	303.3	289.0	271.1	251.5	227.2	202.7	178.1	152.7	128.0
-25°	333.7	315.3	299.8	284.4	266.0	245.7	222.5	198.7	174.3	149.1	125.1
-27.5°	327.3	310.2	295.3	279.5	260.9	239.8	217.5	194.1	170.0	145.2	121.8
-30°	320.9	304.6	289.7	274.1	255.6	233.8	212.1	189.0	165.1	141.0	118.1
-32.5°	312.9	297.9	283.8	267.8	248.9	227.2	205.9	183.2	159.8	136.4	114.2
-35°	304.1	290.7	277.7	261.4	241.1	219.6	198.7	176.9	154.0	131.5	110.1
-37.5°	295.0	283.0	270.4	253.4	232.5	211.2	190.5	169.6	147.9	126.1	105.7
-40°	286.0	274.5	262.0	243.3	222.6	201.9	182.0	162.0	141.4	120.3	101.1
-42.5°	276.3	265.4	251.0	232.5	211.6	192.1	173.1	154.2	134.4	114.5	96.2
-45°	266.8	255.1	239.1	220.0	199.8	181.9	164.2	146.1	127.2	108.6	91.0
-47.5°	256.6	242.9	226.2	207.2	188.4	171.5	155.1	137.9	119.7	102.5	85.7
-50°	244.1	229.6	212.4	194.8	177.2	161.5	145.9	129.4	112.4	96.1	80.1
-52.5°	229.7	214.9	198.7	182.3	166.2	151.3	136.5	120.8	104.8	89.4	74.3
-55°	214.2	200.0	184.9	169.4	154.6	140.9	126.9	111.8	96.8	82.4	68.4
-57.5°	197.3	184.7	170.0	155.8	142.7	130.2	116.7	102.4	88.5	75.1	62.9
-60°	179.3	167.2	154.2	142.1	130.4	118.4	105.8	92.6	79.9	67.7	57.1
-62.5°	160.2	149.3	138.9	128.1	117.0	105.7	94.6	82.6	71.0	61.0	51.3
-65°	141.0	131.9	123.2	112.8	102.5	92.7	82.9	72.2	63.0	54.2	45.5
-67.5°	121.2	114.0	105.6	96.6	88.6	80.1	71.0	63.0	55.1	47.2	40.1
-70°	103.3	96.2	89.1	82.4	75.2	67.7	61.0	54.2	47.2	40.9	34.6
-72.5°	86.2	80.5	74.5	68.5	62.9	57.1	51.3	45.5	40.1	34.6	29.1
-75°	69.8	65.4	60.8	56.2	51.4	46.5	42.1	37.5	32.9	28.2	24.1
-77.5°	55.0	51.4	47.6	44.1	40.6	37.0	33.3	29.5	26.0	22.6	19.2
-80°	40.5	38.0	35.6	33.2	30.3	27.5	25.0	22.4	19.7	17.1	14.4
-82.5°	26.1	25.2	24.2	22.9	21.1	19.3	17.4	15.5	13.5	11.5	10.0
-85°	16.2	15.4	14.5	13.5	12.3	11.1	10.2	9.4	8.5	7.6	6.7
-87.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
-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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CATALOG NUMBER: GFLD-SA2D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.4	1.9	1.4	1.0	0.4	0.0
85°	5.7	4.8	3.9	2.9	1.9	0.8	0.0
82.5°	8.6	7.2	5.8	4.3	2.9	1.3	0.0
80°	11.6	9.6	7.7	5.8	3.8	1.7	0.0
77.5°	15.8	12.3	9.6	7.2	4.8	2.1	0.0
75°	19.9	15.6	11.6	8.6	5.7	2.5	0.0
72.5°	23.9	18.8	14.1	10.0	6.6	2.9	0.0
70°	28.0	22.0	16.5	11.4	7.5	3.3	0.0
67.5°	32.6	25.1	18.9	13.2	8.3	3.7	0.0
65°	37.2	28.5	21.3	14.9	9.2	4.0	0.0
62.5°	41.6	32.3	23.6	16.5	9.9	4.4	0.0
60°	46.0	35.9	25.8	18.2	10.7	4.8	0.0
57.5°	50.7	39.4	28.6	19.7	11.7	5.1	0.0
55°	55.4	42.8	31.3	21.2	12.7	5.4	0.0
52.5°	60.0	46.2	34.0	22.7	13.6	5.7	0.0
50°	64.4	49.9	36.5	24.1	14.6	6.0	0.0
47.5°	68.7	53.4	39.0	25.5	15.5	6.3	0.0
45°	73.3	56.8	41.3	27.3	16.3	6.6	0.0
42.5°	77.7	60.1	43.6	29.0	17.2	6.8	0.0
40°	81.9	63.1	45.9	30.6	18.0	7.0	0.0
37.5°	85.9	66.1	48.2	32.2	18.7	7.3	0.0
35°	89.6	69.0	50.4	33.7	19.5	7.5	0.0
32.5°	93.1	72.0	52.5	35.1	20.2	7.6	0.0
30°	96.4	74.7	54.4	36.4	20.8	7.8	0.0
27.5°	99.4	77.2	56.2	37.6	21.4	7.9	0.0
25°	102.2	79.5	57.9	38.7	22.0	8.1	0.0
22.5°	104.7	81.5	59.5	39.8	22.5	8.2	0.0
20°	106.9	83.3	60.9	40.7	23.0	8.2	0.0
17.5°	108.7	84.8	62.2	41.5	23.4	8.3	0.0
15°	110.3	86.1	63.3	42.2	23.8	8.4	0.0
12.5°	111.5	87.1	64.2	42.8	24.1	8.4	0.0
10°	112.4	87.8	64.9	43.3	24.4	8.4	0.0
7.5°	113.1	88.3	65.5	43.7	24.6	8.4	0.0
5°	113.4	88.6	66.0	44.0	24.8	8.4	0.0
2.5°	113.5	88.6	66.2	44.1	24.9	8.4	0.0
0°	113.3	88.4	66.3	44.2	24.9	8.3	0.0
-2.5°	113.5	88.6	66.2	44.1	24.9	8.4	0.0
-5°	113.4	88.6	66.0	44.0	24.8	8.4	0.0
-7.5°	113.1	88.3	65.5	43.7	24.6	8.4	0.0
-10°	112.4	87.8	64.9	43.3	24.4	8.4	0.0
-12.5°	111.5	87.1	64.2	42.8	24.1	8.4	0.0
-15°	110.3	86.1	63.3	42.2	23.8	8.4	0.0
-17.5°	108.7	84.8	62.2	41.5	23.4	8.3	0.0
-20°	106.9	83.3	60.9	40.7	23.0	8.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	104.7	81.5	59.5	39.8	22.5	8.2	0.0
-25°	102.2	79.5	57.9	38.7	22.0	8.1	0.0
-27.5°	99.4	77.2	56.2	37.6	21.4	7.9	0.0
-30°	96.4	74.7	54.4	36.4	20.8	7.8	0.0
-32.5°	93.1	72.0	52.5	35.1	20.2	7.6	0.0
-35°	89.6	69.0	50.4	33.7	19.5	7.5	0.0
-37.5°	85.9	66.1	48.2	32.2	18.7	7.3	0.0
-40°	81.9	63.1	45.9	30.6	18.0	7.0	0.0
-42.5°	77.7	60.1	43.6	29.0	17.2	6.8	0.0
-45°	73.3	56.8	41.3	27.3	16.3	6.6	0.0
-47.5°	68.7	53.4	39.0	25.5	15.5	6.3	0.0
-50°	64.4	49.9	36.5	24.1	14.6	6.0	0.0
-52.5°	60.0	46.2	34.0	22.7	13.6	5.7	0.0
-55°	55.4	42.8	31.3	21.2	12.7	5.4	0.0
-57.5°	50.7	39.4	28.6	19.7	11.7	5.1	0.0
-60°	46.0	35.9	25.8	18.2	10.7	4.8	0.0
-62.5°	41.6	32.3	23.6	16.5	9.9	4.4	0.0
-65°	37.2	28.5	21.3	14.9	9.2	4.0	0.0
-67.5°	32.6	25.1	18.9	13.2	8.3	3.7	0.0
-70°	28.0	22.0	16.5	11.4	7.5	3.3	0.0
-72.5°	23.9	18.8	14.1	10.0	6.6	2.9	0.0
-75°	19.9	15.6	11.6	8.6	5.7	2.5	0.0
-77.5°	15.8	12.3	9.6	7.2	4.8	2.1	0.0
-80°	11.6	9.6	7.7	5.8	3.8	1.7	0.0
-82.5°	8.6	7.2	5.8	4.3	2.9	1.3	0.0
-85°	5.7	4.8	3.9	2.9	1.9	0.8	0.0
-87.5°	2.9	2.4	1.9	1.4	1.0	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)