

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: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627049 (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-SA2E-740-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N52  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

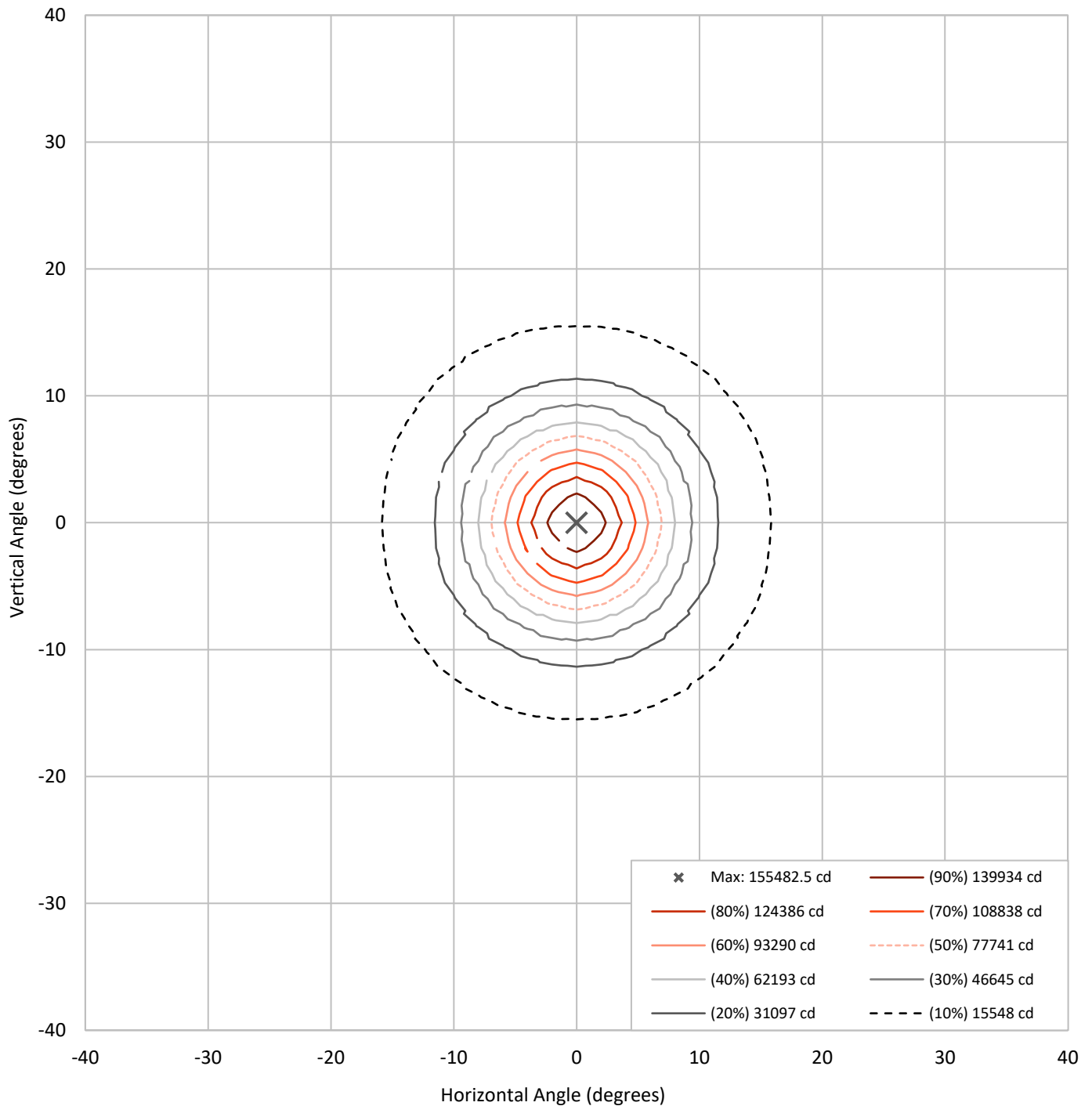
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16510 lumens	Max Intensity:	155482.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.3 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:	4881.3 lumens	Field Lumens:	10984.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	125.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot



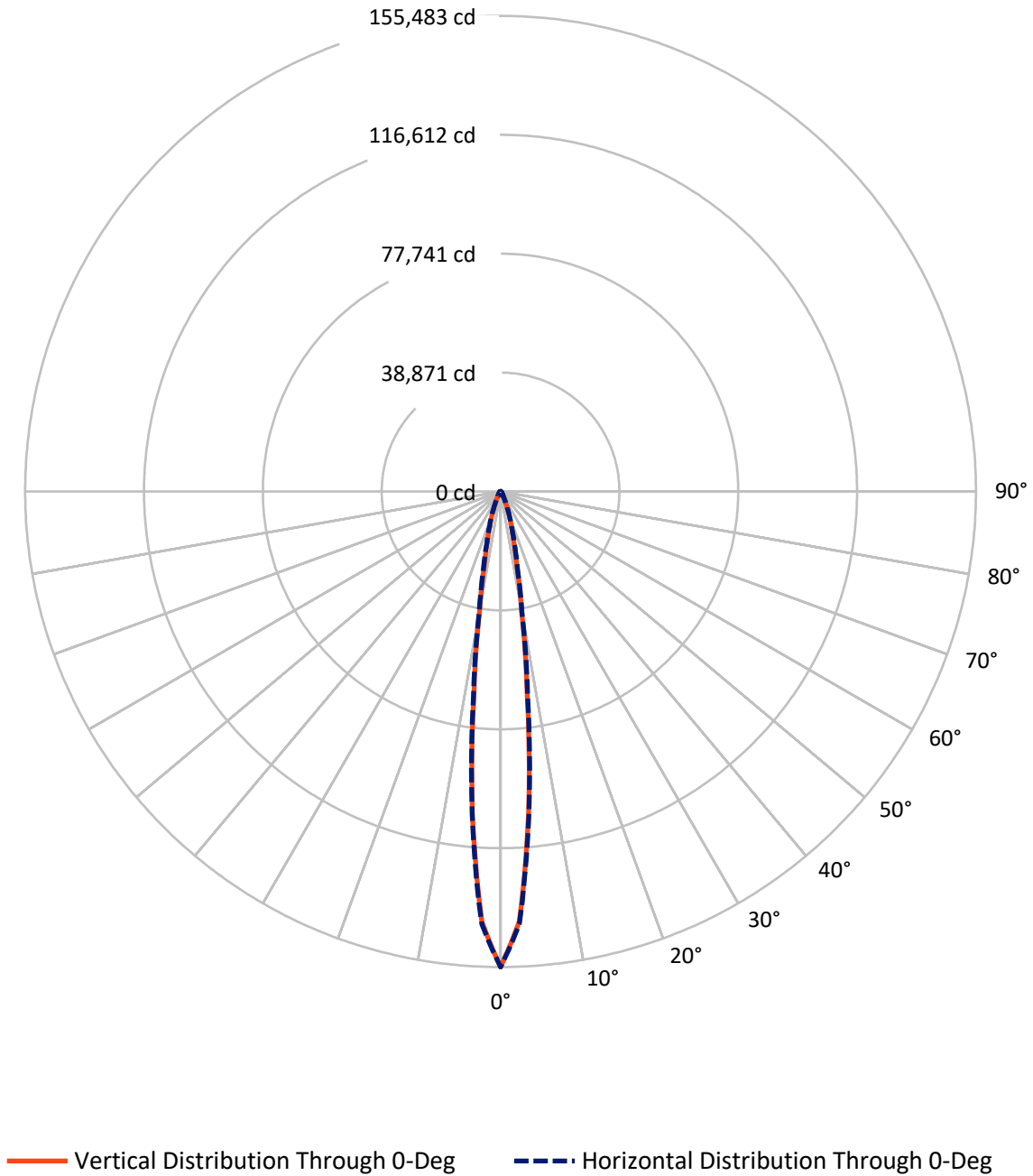
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### Lumen Table

90	0.3	2.3		5.9		9.6		10.5		9.6		5.9		2.3		0.3			
80	0.3	2.3		5.9		9.6		10.5		9.6		5.9		2.3		0.3			
70	1.0	1.2	2.4	3.9	5.5	6.8	7.6	8.0	8.0	7.6	6.8	5.5	3.9	2.4	1.2	1.0			
60		1.8	3.6	5.8	7.8	9.5	10.7	11.1	11.1	10.7	9.5	7.8	5.8	3.6	1.8				
50	1.8	2.3	4.6	7.2	9.5	12.0	14.1	15.2	15.2	14.1	12.0	9.5	7.2	4.6	2.3	1.8			
40		2.8	5.5	8.3	11.7	16.9	23.8	29.5	29.5	23.8	16.9	11.7	8.3	5.5	2.8				
30	2.3	3.1	6.0	9.3	15.2	30.2	68.7	113.7	113.7	68.7	30.2	15.2	9.3	6.0	3.1	2.3			
20		3.3	6.3	10.3	20.2	64.1	227.4	489.9	489.9	227.4	64.1	20.2	10.3	6.3	3.3				
10	2.5	3.5	6.4	10.9	24.4	105.6	494.4	2135.9	2135.9	494.4	105.6	24.4	10.9	6.4	3.5	2.5			
0		3.5	6.4	10.9	24.4	105.6	494.4	2135.9	2135.9	494.4	105.6	24.4	10.9	6.4	3.5				
-10	2.3	3.3	6.3	10.3	20.2	64.1	227.4	489.9	489.9	227.4	64.1	20.2	10.3	6.3	3.3	2.3			
-20		3.1	6.0	9.3	15.2	30.2	68.7	113.7	113.7	68.7	30.2	15.2	9.3	6.0	3.1				
-30	1.8	2.8	5.5	8.3	11.7	16.9	23.8	29.5	29.5	23.8	16.9	11.7	8.3	5.5	2.8	1.8			
-40		2.3	4.6	7.2	9.5	12.0	14.1	15.2	15.2	14.1	12.0	9.5	7.2	4.6	2.3				
-50	1.0	1.8	3.6	5.8	7.8	9.5	10.7	11.1	11.1	10.7	9.5	7.8	5.8	3.6	1.8	1.0			
-60		1.2	2.4	3.9	5.5	6.8	7.6	8.0	8.0	7.6	6.8	5.5	3.9	2.4	1.2				
-70	0.3	2.3		5.9		9.6		10.5		9.6		5.9		2.3		0.3			
-80		2.3		5.9		9.6		10.5		9.6		5.9		2.3					
-90	0.3	2.3		5.9		9.6		10.5		9.6		5.9		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

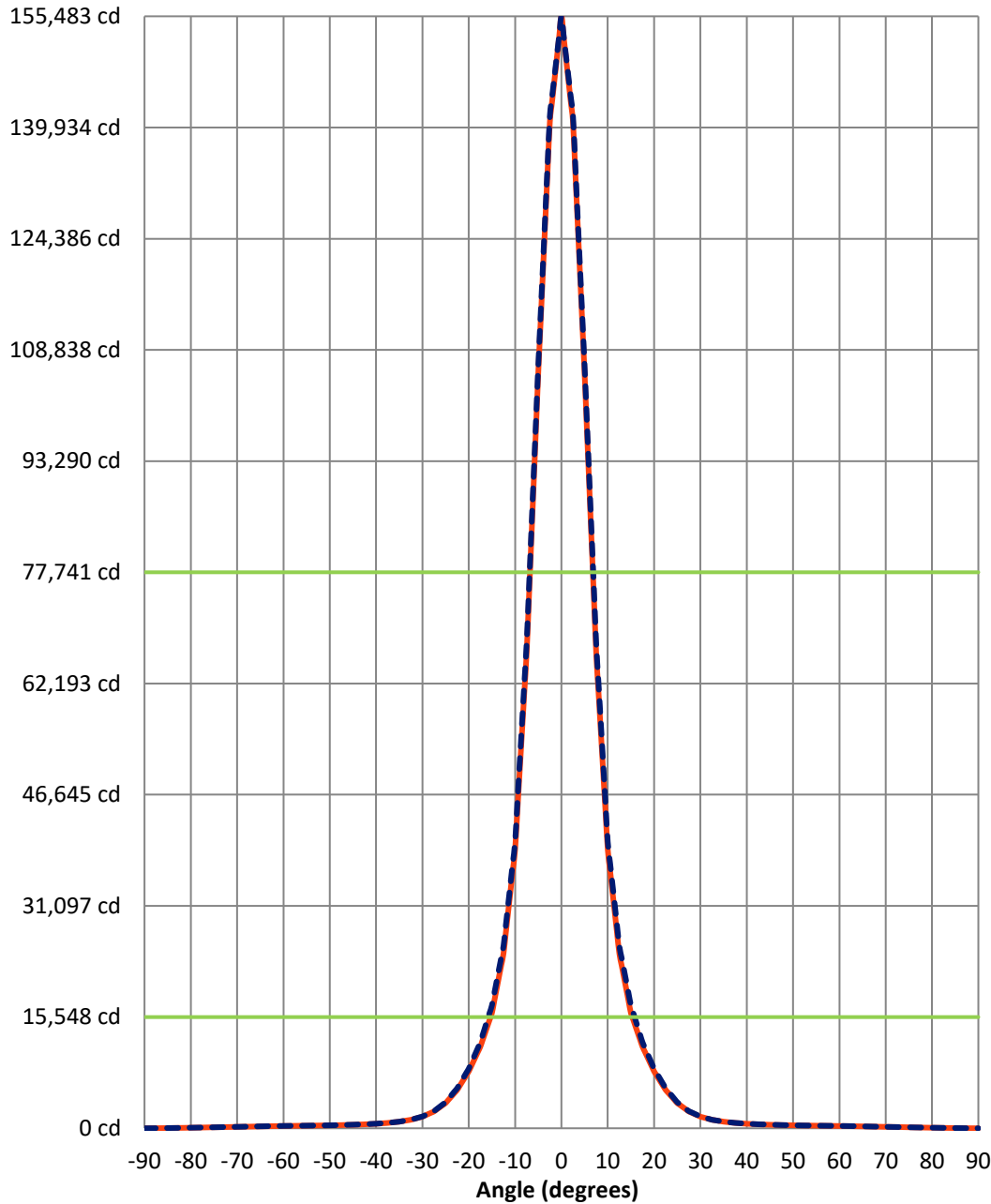
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 4881.3  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 10984.8  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 5525.1  
 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	0.5	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
85°	0.0	1.0	2.3	3.5	4.6	5.8	6.9	8.0	9.1	10.2	11.2
82.5°	0.0	1.5	3.5	5.2	6.9	8.6	10.3	12.0	13.8	16.2	18.6
80°	0.0	2.0	4.6	6.9	9.2	11.5	13.9	17.2	20.5	23.8	27.0
77.5°	0.0	2.5	5.7	8.6	11.5	14.7	19.0	23.2	27.3	31.3	35.6
75°	0.0	3.0	6.8	10.3	13.9	18.7	23.9	29.0	34.0	39.7	45.2
72.5°	0.0	3.5	7.9	12.0	16.9	22.7	28.8	35.1	41.7	48.3	54.7
70°	0.0	3.9	9.0	13.7	19.9	26.5	33.7	41.7	49.3	56.8	65.3
67.5°	0.0	4.4	10.0	15.8	22.8	30.3	39.3	48.3	56.8	66.4	75.9
65°	0.0	4.9	11.0	17.9	25.6	34.4	44.8	54.7	65.3	75.9	87.1
62.5°	0.0	5.3	11.9	19.9	28.4	38.9	50.1	61.7	73.5	85.6	99.6
60°	0.0	5.7	12.8	21.8	31.1	43.2	55.4	68.9	81.7	96.3	111.7
57.5°	0.0	6.1	14.1	23.7	34.4	47.5	61.1	75.8	90.5	106.7	123.5
55°	0.0	6.5	15.2	25.6	37.7	51.6	66.8	82.4	99.3	116.8	134.8
52.5°	0.0	6.9	16.4	27.3	40.9	55.7	72.3	89.6	107.8	126.4	145.6
50°	0.0	7.2	17.5	29.0	44.0	60.1	77.6	96.6	115.9	135.6	156.0
47.5°	0.0	7.6	18.6	30.7	47.0	64.4	82.8	103.3	123.6	144.3	166.2
45°	0.0	7.9	19.6	32.9	49.8	68.5	88.4	109.8	131.0	153.3	176.2
42.5°	0.0	8.2	20.6	34.9	52.5	72.4	93.7	116.0	138.1	162.1	185.9
40°	0.0	8.5	21.6	36.9	55.3	76.1	98.8	121.9	145.1	170.5	195.4
37.5°	0.0	8.7	22.6	38.8	58.1	79.6	103.5	127.5	152.1	178.4	204.5
35°	0.0	9.0	23.4	40.6	60.8	83.2	108.1	132.8	158.6	185.7	213.3
32.5°	0.0	9.2	24.3	42.3	63.2	86.7	112.3	137.7	164.5	192.7	220.9
30°	0.0	9.4	25.1	43.9	65.5	90.0	116.2	142.4	170.0	199.1	227.8
27.5°	0.0	9.5	25.8	45.4	67.8	93.0	119.9	146.8	175.1	205.0	234.1
25°	0.0	9.7	26.5	46.7	69.8	95.8	123.2	150.8	179.8	210.2	239.6
22.5°	0.0	9.8	27.1	48.0	71.7	98.3	126.2	154.4	184.1	214.7	244.4
20°	0.0	9.9	27.7	49.1	73.4	100.4	128.9	157.5	187.9	218.6	248.8
17.5°	0.0	10.0	28.2	50.0	74.9	102.3	131.1	160.1	191.2	221.9	252.6
15°	0.0	10.1	28.7	50.9	76.2	103.8	132.9	162.5	194.0	224.5	255.9
12.5°	0.0	10.1	29.1	51.6	77.4	105.0	134.4	164.6	196.4	226.6	258.7
10°	0.0	10.1	29.4	52.2	78.3	105.9	135.6	166.5	198.2	228.8	261.3
7.5°	0.0	10.1	29.7	52.7	79.0	106.5	136.3	167.9	199.4	230.7	264.4
5°	0.0	10.1	29.8	53.0	79.5	106.8	136.8	169.0	200.1	232.0	266.8
2.5°	0.0	10.1	30.0	53.2	79.8	106.8	136.9	169.7	200.3	232.9	268.7
0°	0.0	10.0	30.0	53.3	79.9	106.6	136.6	169.9	199.9	233.2	269.8
-2.5°	0.0	10.1	30.0	53.2	79.8	106.8	136.9	169.7	200.3	232.9	268.7
-5°	0.0	10.1	29.8	53.0	79.5	106.8	136.8	169.0	200.1	232.0	266.8
-7.5°	0.0	10.1	29.7	52.7	79.0	106.5	136.3	167.9	199.4	230.7	264.4
-10°	0.0	10.1	29.4	52.2	78.3	105.9	135.6	166.5	198.2	228.8	261.3
-12.5°	0.0	10.1	29.1	51.6	77.4	105.0	134.4	164.6	196.4	226.6	258.7
-15°	0.0	10.1	28.7	50.9	76.2	103.8	132.9	162.5	194.0	224.5	255.9
-17.5°	0.0	10.0	28.2	50.0	74.9	102.3	131.1	160.1	191.2	221.9	252.6
-20°	0.0	9.9	27.7	49.1	73.4	100.4	128.9	157.5	187.9	218.6	248.8

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REPORT NUMBER: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)

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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	9.8	27.1	48.0	71.7	98.3	126.2	154.4	184.1	214.7	244.4
-25°	0.0	9.7	26.5	46.7	69.8	95.8	123.2	150.8	179.8	210.2	239.6
-27.5°	0.0	9.5	25.8	45.4	67.8	93.0	119.9	146.8	175.1	205.0	234.1
-30°	0.0	9.4	25.1	43.9	65.5	90.0	116.2	142.4	170.0	199.1	227.8
-32.5°	0.0	9.2	24.3	42.3	63.2	86.7	112.3	137.7	164.5	192.7	220.9
-35°	0.0	9.0	23.4	40.6	60.8	83.2	108.1	132.8	158.6	185.7	213.3
-37.5°	0.0	8.7	22.6	38.8	58.1	79.6	103.5	127.5	152.1	178.4	204.5
-40°	0.0	8.5	21.6	36.9	55.3	76.1	98.8	121.9	145.1	170.5	195.4
-42.5°	0.0	8.2	20.6	34.9	52.5	72.4	93.7	116.0	138.1	162.1	185.9
-45°	0.0	7.9	19.6	32.9	49.8	68.5	88.4	109.8	131.0	153.3	176.2
-47.5°	0.0	7.6	18.6	30.7	47.0	64.4	82.8	103.3	123.6	144.3	166.2
-50°	0.0	7.2	17.5	29.0	44.0	60.1	77.6	96.6	115.9	135.6	156.0
-52.5°	0.0	6.9	16.4	27.3	40.9	55.7	72.3	89.6	107.8	126.4	145.6
-55°	0.0	6.5	15.2	25.6	37.7	51.6	66.8	82.4	99.3	116.8	134.8
-57.5°	0.0	6.1	14.1	23.7	34.4	47.5	61.1	75.8	90.5	106.7	123.5
-60°	0.0	5.7	12.8	21.8	31.1	43.2	55.4	68.9	81.7	96.3	111.7
-62.5°	0.0	5.3	11.9	19.9	28.4	38.9	50.1	61.7	73.5	85.6	99.6
-65°	0.0	4.9	11.0	17.9	25.6	34.4	44.8	54.7	65.3	75.9	87.1
-67.5°	0.0	4.4	10.0	15.8	22.8	30.3	39.3	48.3	56.8	66.4	75.9
-70°	0.0	3.9	9.0	13.7	19.9	26.5	33.7	41.7	49.3	56.8	65.3
-72.5°	0.0	3.5	7.9	12.0	16.9	22.7	28.8	35.1	41.7	48.3	54.7
-75°	0.0	3.0	6.8	10.3	13.9	18.7	23.9	29.0	34.0	39.7	45.2
-77.5°	0.0	2.5	5.7	8.6	11.5	14.7	19.0	23.2	27.3	31.3	35.6
-80°	0.0	2.0	4.6	6.9	9.2	11.5	13.9	17.2	20.5	23.8	27.0
-82.5°	0.0	1.5	3.5	5.2	6.9	8.6	10.3	12.0	13.8	16.2	18.6
-85°	0.0	1.0	2.3	3.5	4.6	5.8	6.9	8.0	9.1	10.2	11.2
-87.5°	0.0	0.5	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
-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°	6.1	6.6	7.1	7.6	8.1	8.5	9.0	9.4	9.8	10.2	10.6
85°	12.3	13.3	14.8	16.2	17.5	18.5	19.5	20.2	21.6	23.0	24.5
82.5°	20.9	23.2	25.5	27.6	29.1	30.3	31.5	33.2	36.1	39.0	41.5
80°	30.1	33.1	36.6	40.0	42.9	45.8	48.8	51.9	55.1	58.1	61.1
77.5°	40.2	44.6	48.9	53.2	57.4	61.9	66.3	70.5	74.6	78.4	82.1
75°	50.7	56.0	61.9	67.7	73.3	78.8	84.1	89.8	95.3	100.5	105.5
72.5°	61.7	68.9	75.8	82.6	89.9	97.0	104.0	110.6	117.1	123.9	131.0
70°	73.5	81.7	90.7	99.3	107.5	116.1	124.6	131.9	138.9	148.2	157.8
67.5°	85.7	96.6	106.8	116.6	127.4	137.5	146.2	155.5	165.5	176.3	185.8
65°	99.9	111.8	123.7	136.0	148.6	159.0	169.9	181.5	192.8	203.6	213.9
62.5°	114.0	127.4	141.1	154.5	167.4	180.0	193.1	206.1	218.5	231.0	242.0
60°	127.6	142.8	157.2	171.3	185.9	201.5	216.1	230.4	245.2	259.4	266.9
57.5°	140.7	157.0	172.0	187.8	205.0	222.6	237.9	254.1	266.9	276.7	286.3
55°	153.0	170.0	186.4	204.2	222.9	241.2	258.2	272.6	284.4	293.4	303.6
52.5°	164.6	182.4	200.4	219.8	239.6	259.1	276.9	290.4	301.0	310.3	319.8
50°	175.9	194.7	213.6	234.9	256.1	276.9	294.3	306.7	316.7	326.2	336.0
47.5°	187.1	206.7	227.2	249.8	272.8	292.8	309.4	320.7	330.8	341.9	352.6
45°	198.0	219.3	240.9	265.2	288.3	307.6	321.7	333.0	345.5	357.5	369.0
42.5°	208.7	231.6	255.1	280.2	302.6	320.0	333.1	346.5	359.9	372.8	385.8
40°	219.4	243.5	268.3	293.4	315.8	330.9	344.8	359.2	374.1	388.0	402.4
37.5°	229.7	254.7	280.2	305.5	326.0	341.2	355.6	371.6	387.2	402.4	421.2
35°	239.5	264.8	290.6	315.1	334.8	350.5	366.7	383.5	399.9	419.5	440.9
32.5°	248.3	273.9	300.1	322.9	342.2	359.2	377.3	394.8	414.5	436.7	462.4
30°	255.7	281.9	308.2	330.5	349.3	367.3	387.0	406.2	429.3	455.9	486.4
27.5°	262.2	289.1	314.6	336.9	356.0	374.0	394.7	419.0	445.4	475.4	511.2
25°	268.2	296.3	320.7	342.8	361.4	380.2	402.3	429.3	461.0	497.1	541.0
22.5°	274.0	303.2	326.9	348.4	365.7	385.9	410.9	440.2	474.7	516.9	570.4
20°	279.4	308.4	331.8	352.8	368.9	390.9	418.4	449.7	488.9	539.3	601.1
17.5°	284.4	312.9	335.7	355.4	373.0	396.3	425.0	457.4	501.3	559.6	629.4
15°	289.0	316.6	338.8	357.6	376.7	401.8	431.9	467.0	514.9	579.0	654.4
12.5°	293.1	319.7	341.1	359.2	379.7	406.4	438.1	477.0	529.6	598.0	686.1
10°	296.5	322.0	342.8	360.3	381.9	409.9	443.2	485.2	541.3	612.8	710.5
7.5°	299.4	323.9	343.9	361.0	383.4	412.3	447.2	491.4	549.5	623.3	728.2
5°	301.5	325.3	345.3	363.0	385.6	414.2	450.1	495.6	554.3	629.6	739.1
2.5°	302.7	326.2	346.1	365.0	388.1	415.9	452.3	500.3	558.2	635.6	747.5
0°	303.1	326.5	346.4	366.4	389.8	416.4	453.0	503.0	559.6	639.6	752.9
-2.5°	302.7	326.2	346.1	365.0	388.1	415.9	452.3	500.3	558.2	635.6	747.5
-5°	301.5	325.3	345.3	363.0	385.6	414.2	450.1	495.6	554.3	629.6	739.1
-7.5°	299.4	323.9	343.9	361.0	383.4	412.3	447.2	491.4	549.5	623.3	728.2
-10°	296.5	322.0	342.8	360.3	381.9	409.9	443.2	485.2	541.3	612.8	710.5
-12.5°	293.1	319.7	341.1	359.2	379.7	406.4	438.1	477.0	529.6	598.0	686.1
-15°	289.0	316.6	338.8	357.6	376.7	401.8	431.9	467.0	514.9	579.0	654.4
-17.5°	284.4	312.9	335.7	355.4	373.0	396.3	425.0	457.4	501.3	559.6	629.4
-20°	279.4	308.4	331.8	352.8	368.9	390.9	418.4	449.7	488.9	539.3	601.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	274.0	303.2	326.9	348.4	365.7	385.9	410.9	440.2	474.7	516.9	570.4
-25°	268.2	296.3	320.7	342.8	361.4	380.2	402.3	429.3	461.0	497.1	541.0
-27.5°	262.2	289.1	314.6	336.9	356.0	374.0	394.7	419.0	445.4	475.4	511.2
-30°	255.7	281.9	308.2	330.5	349.3	367.3	387.0	406.2	429.3	455.9	486.4
-32.5°	248.3	273.9	300.1	322.9	342.2	359.2	377.3	394.8	414.5	436.7	462.4
-35°	239.5	264.8	290.6	315.1	334.8	350.5	366.7	383.5	399.9	419.5	440.9
-37.5°	229.7	254.7	280.2	305.5	326.0	341.2	355.6	371.6	387.2	402.4	421.2
-40°	219.4	243.5	268.3	293.4	315.8	330.9	344.8	359.2	374.1	388.0	402.4
-42.5°	208.7	231.6	255.1	280.2	302.6	320.0	333.1	346.5	359.9	372.8	385.8
-45°	198.0	219.3	240.9	265.2	288.3	307.6	321.7	333.0	345.5	357.5	369.0
-47.5°	187.1	206.7	227.2	249.8	272.8	292.8	309.4	320.7	330.8	341.9	352.6
-50°	175.9	194.7	213.6	234.9	256.1	276.9	294.3	306.7	316.7	326.2	336.0
-52.5°	164.6	182.4	200.4	219.8	239.6	259.1	276.9	290.4	301.0	310.3	319.8
-55°	153.0	170.0	186.4	204.2	222.9	241.2	258.2	272.6	284.4	293.4	303.6
-57.5°	140.7	157.0	172.0	187.8	205.0	222.6	237.9	254.1	266.9	276.7	286.3
-60°	127.6	142.8	157.2	171.3	185.9	201.5	216.1	230.4	245.2	259.4	266.9
-62.5°	114.0	127.4	141.1	154.5	167.4	180.0	193.1	206.1	218.5	231.0	242.0
-65°	99.9	111.8	123.7	136.0	148.6	159.0	169.9	181.5	192.8	203.6	213.9
-67.5°	85.7	96.6	106.8	116.6	127.4	137.5	146.2	155.5	165.5	176.3	185.8
-70°	73.5	81.7	90.7	99.3	107.5	116.1	124.6	131.9	138.9	148.2	157.8
-72.5°	61.7	68.9	75.8	82.6	89.9	97.0	104.0	110.6	117.1	123.9	131.0
-75°	50.7	56.0	61.9	67.7	73.3	78.8	84.1	89.8	95.3	100.5	105.5
-77.5°	40.2	44.6	48.9	53.2	57.4	61.9	66.3	70.5	74.6	78.4	82.1
-80°	30.1	33.1	36.6	40.0	42.9	45.8	48.8	51.9	55.1	58.1	61.1
-82.5°	20.9	23.2	25.5	27.6	29.1	30.3	31.5	33.2	36.1	39.0	41.5
-85°	12.3	13.3	14.8	16.2	17.5	18.5	19.5	20.2	21.6	23.0	24.5
-87.5°	6.1	6.6	7.1	7.6	8.1	8.5	9.0	9.4	9.8	10.2	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: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	10.9	11.2	11.5	11.8	12.1	12.3	12.5	12.7	12.8	12.2	11.5
85°	26.0	27.0	27.9	28.8	29.5	30.2	30.9	31.4	31.9	31.5	31.1
82.5°	43.9	45.6	47.2	48.7	50.0	51.3	52.4	53.3	54.2	54.1	53.9
80°	63.8	66.7	69.6	72.4	75.2	76.9	78.1	79.0	79.7	80.0	80.0
77.5°	85.8	90.3	94.9	99.4	103.8	106.4	108.2	109.7	111.0	111.2	111.0
75°	110.2	115.9	122.2	127.6	132.4	135.3	137.4	139.1	140.5	140.8	140.7
72.5°	138.5	145.5	151.1	155.8	159.8	163.0	165.5	167.7	169.5	170.2	170.3
70°	166.3	173.2	178.6	183.3	187.3	190.5	193.6	196.2	198.3	199.9	201.1
67.5°	194.5	202.4	207.9	212.2	215.6	219.0	223.0	226.5	229.5	231.4	232.4
65°	223.5	231.7	237.0	241.6	245.7	250.1	254.6	257.9	260.0	261.4	262.3
62.5°	251.5	259.1	265.8	272.0	277.9	282.8	285.9	288.7	291.1	293.1	294.6
60°	275.5	285.3	292.8	298.7	304.5	310.1	313.9	316.9	319.3	321.0	322.1
57.5°	296.1	306.0	314.8	320.6	326.9	333.6	338.0	340.6	342.9	344.9	345.8
55°	314.0	323.2	331.3	339.2	346.3	352.3	357.0	360.4	363.3	365.6	366.3
52.5°	330.2	340.2	349.7	358.1	365.0	370.8	375.4	379.7	382.9	385.1	386.1
50°	347.2	357.9	368.1	377.3	384.4	390.9	396.7	401.7	406.5	410.3	413.0
47.5°	363.9	375.3	386.6	396.7	405.3	414.6	423.0	430.2	437.2	442.8	446.7
45°	380.7	394.0	406.2	419.2	430.8	443.1	454.5	464.4	474.5	482.1	487.3
42.5°	399.4	414.5	429.3	445.4	461.2	477.2	494.5	509.9	521.9	533.1	542.1
40°	419.5	436.7	455.9	475.8	499.1	520.2	543.5	563.4	581.5	600.6	615.7
37.5°	440.9	462.4	487.7	514.2	544.4	573.3	603.6	633.5	659.5	690.2	713.7
35°	464.5	493.2	524.4	560.3	597.8	639.2	680.7	728.7	770.0	815.5	855.1
32.5°	492.5	526.7	567.6	615.0	663.2	726.0	784.8	861.2	927.3	999.4	1072.0
30°	521.2	566.0	618.8	678.4	755.1	841.6	938.0	1051.6	1168.8	1282.2	1418.9
27.5°	556.9	610.9	674.8	762.0	874.8	991.6	1157.4	1328.0	1543.4	1721.5	1972.6
25°	593.9	657.5	748.3	866.9	1014.1	1217.0	1468.5	1741.1	2120.0	2452.9	2843.4
22.5°	634.3	720.1	833.1	979.3	1202.6	1514.0	1894.9	2408.1	2967.0	3560.4	4150.6
20°	676.3	780.1	928.2	1140.2	1446.6	1868.3	2522.1	3314.4	4112.9	5092.0	5959.0
17.5°	724.9	857.0	1039.6	1304.7	1713.5	2359.5	3266.6	4372.7	5611.5	7019.2	8269.1
15°	765.4	923.0	1153.4	1524.4	2086.6	2916.2	4060.1	5581.8	7443.3	9333.9	11252.1
12.5°	812.5	994.8	1265.3	1707.7	2413.7	3516.3	5073.4	6999.4	9324.2	11946.6	15038.1
10°	854.3	1065.2	1401.5	1949.0	2812.0	4142.2	6031.9	8349.1	11349.2	15122.2	19909.7
7.5°	885.3	1121.3	1506.7	2132.8	3156.2	4744.0	6937.5	9827.0	13639.2	18621.5	25191.9
5°	905.4	1161.9	1581.1	2274.5	3425.7	5191.8	7601.2	10875.2	15474.3	22521.0	33647.1
2.5°	917.4	1185.9	1623.6	2357.7	3589.6	5488.6	8106.2	11667.9	16663.7	24930.9	39085.4
0°	922.8	1192.6	1649.0	2401.8	3644.4	5603.2	8338.1	12029.1	17195.9	25494.0	40041.6
-2.5°	917.4	1185.9	1623.6	2357.7	3589.6	5488.6	8106.2	11667.9	16663.7	24930.9	39085.4
-5°	905.4	1161.9	1581.1	2274.5	3425.7	5191.8	7601.2	10875.2	15474.3	22521.0	33647.1
-7.5°	885.3	1121.3	1506.7	2132.8	3156.2	4744.0	6937.5	9827.0	13639.2	18621.5	25191.9
-10°	854.3	1065.2	1401.5	1949.0	2812.0	4142.2	6031.9	8349.1	11349.2	15122.2	19909.7
-12.5°	812.5	994.8	1265.3	1707.7	2413.7	3516.3	5073.4	6999.4	9324.2	11946.6	15038.1
-15°	765.4	923.0	1153.4	1524.4	2086.6	2916.2	4060.1	5581.8	7443.3	9333.9	11252.1
-17.5°	724.9	857.0	1039.6	1304.7	1713.5	2359.5	3266.6	4372.7	5611.5	7019.2	8269.1
-20°	676.3	780.1	928.2	1140.2	1446.6	1868.3	2522.1	3314.4	4112.9	5092.0	5959.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	634.3	720.1	833.1	979.3	1202.6	1514.0	1894.9	2408.1	2967.0	3560.4	4150.6
-25°	593.9	657.5	748.3	866.9	1014.1	1217.0	1468.5	1741.1	2120.0	2452.9	2843.4
-27.5°	556.9	610.9	674.8	762.0	874.8	991.6	1157.4	1328.0	1543.4	1721.5	1972.6
-30°	521.2	566.0	618.8	678.4	755.1	841.6	938.0	1051.6	1168.8	1282.2	1418.9
-32.5°	492.5	526.7	567.6	615.0	663.2	726.0	784.8	861.2	927.3	999.4	1072.0
-35°	464.5	493.2	524.4	560.3	597.8	639.2	680.7	728.7	770.0	815.5	855.1
-37.5°	440.9	462.4	487.7	514.2	544.4	573.3	603.6	633.5	659.5	690.2	713.7
-40°	419.5	436.7	455.9	475.8	499.1	520.2	543.5	563.4	581.5	600.6	615.7
-42.5°	399.4	414.5	429.3	445.4	461.2	477.2	494.5	509.9	521.9	533.1	542.1
-45°	380.7	394.0	406.2	419.2	430.8	443.1	454.5	464.4	474.5	482.1	487.3
-47.5°	363.9	375.3	386.6	396.7	405.3	414.6	423.0	430.2	437.2	442.8	446.7
-50°	347.2	357.9	368.1	377.3	384.4	390.9	396.7	401.7	406.5	410.3	413.0
-52.5°	330.2	340.2	349.7	358.1	365.0	370.8	375.4	379.7	382.9	385.1	386.1
-55°	314.0	323.2	331.3	339.2	346.3	352.3	357.0	360.4	363.3	365.6	366.3
-57.5°	296.1	306.0	314.8	320.6	326.9	333.6	338.0	340.6	342.9	344.9	345.8
-60°	275.5	285.3	292.8	298.7	304.5	310.1	313.9	316.9	319.3	321.0	322.1
-62.5°	251.5	259.1	265.8	272.0	277.9	282.8	285.9	288.7	291.1	293.1	294.6
-65°	223.5	231.7	237.0	241.6	245.7	250.1	254.6	257.9	260.0	261.4	262.3
-67.5°	194.5	202.4	207.9	212.2	215.6	219.0	223.0	226.5	229.5	231.4	232.4
-70°	166.3	173.2	178.6	183.3	187.3	190.5	193.6	196.2	198.3	199.9	201.1
-72.5°	138.5	145.5	151.1	155.8	159.8	163.0	165.5	167.7	169.5	170.2	170.3
-75°	110.2	115.9	122.2	127.6	132.4	135.3	137.4	139.1	140.5	140.8	140.7
-77.5°	85.8	90.3	94.9	99.4	103.8	106.4	108.2	109.7	111.0	111.2	111.0
-80°	63.8	66.7	69.6	72.4	75.2	76.9	78.1	79.0	79.7	80.0	80.0
-82.5°	43.9	45.6	47.2	48.7	50.0	51.3	52.4	53.3	54.2	54.1	53.9
-85°	26.0	27.0	27.9	28.8	29.5	30.2	30.9	31.4	31.9	31.5	31.1
-87.5°	10.9	11.2	11.5	11.8	12.1	12.3	12.5	12.7	12.8	12.2	11.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	10.7	10.0	10.0	10.0	10.0	10.0	10.7	11.5	12.2	12.8	12.7
85°	30.5	29.9	30.0	30.0	30.0	29.9	30.5	31.1	31.5	31.9	31.4
82.5°	53.5	53.0	53.2	53.3	53.2	53.0	53.5	53.9	54.1	54.2	53.3
80°	79.9	79.5	78.2	76.6	78.2	79.5	79.9	80.0	80.0	79.7	79.0
77.5°	110.4	109.4	108.1	106.6	108.1	109.4	110.4	111.0	111.2	111.0	109.7
75°	140.2	139.3	139.7	139.9	139.7	139.3	140.2	140.7	140.8	140.5	139.1
72.5°	170.0	169.2	169.7	169.9	169.7	169.2	170.0	170.3	170.2	169.5	167.7
70°	201.9	202.3	201.4	199.9	201.4	202.3	201.9	201.1	199.9	198.3	196.2
67.5°	232.7	232.4	231.4	229.9	231.4	232.4	232.7	232.4	231.4	229.5	226.5
65°	262.6	262.3	262.9	263.2	262.9	262.3	262.6	262.3	261.4	260.0	257.9
62.5°	295.4	295.4	294.7	293.1	294.7	295.4	295.4	294.6	293.1	291.1	288.7
60°	322.5	322.3	321.4	319.8	321.4	322.3	322.5	322.1	321.0	319.3	316.9
57.5°	346.1	345.7	344.7	343.1	344.7	345.7	346.1	345.8	344.9	342.9	340.6
55°	366.4	365.9	364.8	363.1	364.8	365.9	366.4	366.3	365.6	363.3	360.4
52.5°	386.4	385.9	386.0	386.4	386.0	385.9	386.4	386.1	385.1	382.9	379.7
50°	414.7	415.2	414.7	413.1	414.7	415.2	414.7	413.0	410.3	406.5	401.7
47.5°	448.6	448.8	448.0	446.4	448.0	448.8	448.6	446.7	442.8	437.2	430.2
45°	491.3	493.8	494.4	493.0	494.4	493.8	491.3	487.3	482.1	474.5	464.4
42.5°	549.1	552.9	554.0	553.0	554.0	552.9	549.1	542.1	533.1	521.9	509.9
40°	625.1	629.4	630.2	629.6	630.2	629.4	625.1	615.7	600.6	581.5	563.4
37.5°	730.2	740.7	745.6	746.2	745.6	740.7	730.2	713.7	690.2	659.5	633.5
35°	885.3	906.2	917.4	922.8	917.4	906.2	885.3	855.1	815.5	770.0	728.7
32.5°	1127.0	1168.9	1192.1	1189.3	1192.1	1168.9	1127.0	1072.0	999.4	927.3	861.2
30°	1521.9	1595.2	1632.1	1622.3	1632.1	1595.2	1521.9	1418.9	1282.2	1168.8	1051.6
27.5°	2153.0	2285.4	2361.9	2351.9	2361.9	2285.4	2153.0	1972.6	1721.5	1543.4	1328.0
25°	3169.8	3411.4	3566.1	3527.8	3566.1	3411.4	3169.8	2843.4	2452.9	2120.0	1741.1
22.5°	4716.5	5125.8	5396.7	5363.3	5396.7	5125.8	4716.5	4150.6	3560.4	2967.0	2408.1
20°	6838.1	7461.2	7906.1	7965.0	7906.1	7461.2	6838.1	5959.0	5092.0	4112.9	3314.4
17.5°	9619.3	10607.1	11294.7	11409.5	11294.7	10607.1	9619.3	8269.1	7019.2	5611.5	4372.7
15°	13233.7	14848.3	16016.8	16113.2	16016.8	14848.3	13233.7	11252.1	9333.9	7443.3	5581.8
12.5°	18141.5	21388.9	23508.3	24441.3	23508.3	21388.9	18141.5	15038.1	11946.6	9324.2	6999.4
10°	24933.7	32392.8	37169.8	38965.6	37169.8	32392.8	24933.7	19909.7	15122.2	11349.2	8349.1
7.5°	36278.7	47989.7	61009.3	66558.3	61009.3	47989.7	36278.7	25191.9	18621.5	13639.2	9827.0
5°	49126.1	73431.0	96549.4	105577.1	96549.4	73431.0	49126.1	33647.1	22521.0	15474.3	10875.2
2.5°	62644.7	96522.4	128268.3	140683.5	128268.3	96522.4	62644.7	39085.4	24930.9	16663.7	11667.9
0°	67924.1	106633.1	141561.2	155482.5	141561.2	106633.1	67924.1	40041.6	25494.0	17195.9	12029.1
-2.5°	62644.7	96522.4	128268.3	140683.5	128268.3	96522.4	62644.7	39085.4	24930.9	16663.7	11667.9
-5°	49126.1	73431.0	96549.4	105577.1	96549.4	73431.0	49126.1	33647.1	22521.0	15474.3	10875.2
-7.5°	36278.7	47989.7	61009.3	66558.3	61009.3	47989.7	36278.7	25191.9	18621.5	13639.2	9827.0
-10°	24933.7	32392.8	37169.8	38965.6	37169.8	32392.8	24933.7	19909.7	15122.2	11349.2	8349.1
-12.5°	18141.5	21388.9	23508.3	24441.3	23508.3	21388.9	18141.5	15038.1	11946.6	9324.2	6999.4
-15°	13233.7	14848.3	16016.8	16113.2	16016.8	14848.3	13233.7	11252.1	9333.9	7443.3	5581.8
-17.5°	9619.3	10607.1	11294.7	11409.5	11294.7	10607.1	9619.3	8269.1	7019.2	5611.5	4372.7
-20°	6838.1	7461.2	7906.1	7965.0	7906.1	7461.2	6838.1	5959.0	5092.0	4112.9	3314.4



REPORT NUMBER: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	4716.5	5125.8	5396.7	5363.3	5396.7	5125.8	4716.5	4150.6	3560.4	2967.0	2408.1
-25°	3169.8	3411.4	3566.1	3527.8	3566.1	3411.4	3169.8	2843.4	2452.9	2120.0	1741.1
-27.5°	2153.0	2285.4	2361.9	2351.9	2361.9	2285.4	2153.0	1972.6	1721.5	1543.4	1328.0
-30°	1521.9	1595.2	1632.1	1622.3	1632.1	1595.2	1521.9	1418.9	1282.2	1168.8	1051.6
-32.5°	1127.0	1168.9	1192.1	1189.3	1192.1	1168.9	1127.0	1072.0	999.4	927.3	861.2
-35°	885.3	906.2	917.4	922.8	917.4	906.2	885.3	855.1	815.5	770.0	728.7
-37.5°	730.2	740.7	745.6	746.2	745.6	740.7	730.2	713.7	690.2	659.5	633.5
-40°	625.1	629.4	630.2	629.6	630.2	629.4	625.1	615.7	600.6	581.5	563.4
-42.5°	549.1	552.9	554.0	553.0	554.0	552.9	549.1	542.1	533.1	521.9	509.9
-45°	491.3	493.8	494.4	493.0	494.4	493.8	491.3	487.3	482.1	474.5	464.4
-47.5°	448.6	448.8	448.0	446.4	448.0	448.8	448.6	446.7	442.8	437.2	430.2
-50°	414.7	415.2	414.7	413.1	414.7	415.2	414.7	413.0	410.3	406.5	401.7
-52.5°	386.4	385.9	386.0	386.4	386.0	385.9	386.4	386.1	385.1	382.9	379.7
-55°	366.4	365.9	364.8	363.1	364.8	365.9	366.4	366.3	365.6	363.3	360.4
-57.5°	346.1	345.7	344.7	343.1	344.7	345.7	346.1	345.8	344.9	342.9	340.6
-60°	322.5	322.3	321.4	319.8	321.4	322.3	322.5	322.1	321.0	319.3	316.9
-62.5°	295.4	295.4	294.7	293.1	294.7	295.4	295.4	294.6	293.1	291.1	288.7
-65°	262.6	262.3	262.9	263.2	262.9	262.3	262.6	262.3	261.4	260.0	257.9
-67.5°	232.7	232.4	231.4	229.9	231.4	232.4	232.7	232.4	231.4	229.5	226.5
-70°	201.9	202.3	201.4	199.9	201.4	202.3	201.9	201.1	199.9	198.3	196.2
-72.5°	170.0	169.2	169.7	169.9	169.7	169.2	170.0	170.3	170.2	169.5	167.7
-75°	140.2	139.3	139.7	139.9	139.7	139.3	140.2	140.7	140.8	140.5	139.1
-77.5°	110.4	109.4	108.1	106.6	108.1	109.4	110.4	111.0	111.2	111.0	109.7
-80°	79.9	79.5	78.2	76.6	78.2	79.5	79.9	80.0	80.0	79.7	79.0
-82.5°	53.5	53.0	53.2	53.3	53.2	53.0	53.5	53.9	54.1	54.2	53.3
-85°	30.5	29.9	30.0	30.0	30.0	29.9	30.5	31.1	31.5	31.9	31.4
-87.5°	10.7	10.0	10.0	10.0	10.0	10.0	10.7	11.5	12.2	12.8	12.7
-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: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	12.5	12.3	12.1	11.8	11.5	11.2	10.9	10.6	10.2	9.8	9.4
85°	30.9	30.2	29.5	28.8	27.9	27.0	26.0	24.5	23.0	21.6	20.2
82.5°	52.4	51.3	50.0	48.7	47.2	45.6	43.9	41.5	39.0	36.1	33.2
80°	78.1	76.9	75.2	72.4	69.6	66.7	63.8	61.1	58.1	55.1	51.9
77.5°	108.2	106.4	103.8	99.4	94.9	90.3	85.8	82.1	78.4	74.6	70.5
75°	137.4	135.3	132.4	127.6	122.2	115.9	110.2	105.5	100.5	95.3	89.8
72.5°	165.5	163.0	159.8	155.8	151.1	145.5	138.5	131.0	123.9	117.1	110.6
70°	193.6	190.5	187.3	183.3	178.6	173.2	166.3	157.8	148.2	138.9	131.9
67.5°	223.0	219.0	215.6	212.2	207.9	202.4	194.5	185.8	176.3	165.5	155.5
65°	254.6	250.1	245.7	241.6	237.0	231.7	223.5	213.9	203.6	192.8	181.5
62.5°	285.9	282.8	277.9	272.0	265.8	259.1	251.5	242.0	231.0	218.5	206.1
60°	313.9	310.1	304.5	298.7	292.8	285.3	275.5	266.9	259.4	245.2	230.4
57.5°	338.0	333.6	326.9	320.6	314.8	306.0	296.1	286.3	276.7	266.9	254.1
55°	357.0	352.3	346.3	339.2	331.3	323.2	314.0	303.6	293.4	284.4	272.6
52.5°	375.4	370.8	365.0	358.1	349.7	340.2	330.2	319.8	310.3	301.0	290.4
50°	396.7	390.9	384.4	377.3	368.1	357.9	347.2	336.0	326.2	316.7	306.7
47.5°	423.0	414.6	405.3	396.7	386.6	375.3	363.9	352.6	341.9	330.8	320.7
45°	454.5	443.1	430.8	419.2	406.2	394.0	380.7	369.0	357.5	345.5	333.0
42.5°	494.5	477.2	461.2	445.4	429.3	414.5	399.4	385.8	372.8	359.9	346.5
40°	543.5	520.2	499.1	475.8	455.9	436.7	419.5	402.4	388.0	374.1	359.2
37.5°	603.6	573.3	544.4	514.2	487.7	462.4	440.9	421.2	402.4	387.2	371.6
35°	680.7	639.2	597.8	560.3	524.4	493.2	464.5	440.9	419.5	399.9	383.5
32.5°	784.8	726.0	663.2	615.0	567.6	526.7	492.5	462.4	436.7	414.5	394.8
30°	938.0	841.6	755.1	678.4	618.8	566.0	521.2	486.4	455.9	429.3	406.2
27.5°	1157.4	991.6	874.8	762.0	674.8	610.9	556.9	511.2	475.4	445.4	419.0
25°	1468.5	1217.0	1014.1	866.9	748.3	657.5	593.9	541.0	497.1	461.0	429.3
22.5°	1894.9	1514.0	1202.6	979.3	833.1	720.1	634.3	570.4	516.9	474.7	440.2
20°	2522.1	1868.3	1446.6	1140.2	928.2	780.1	676.3	601.1	539.3	488.9	449.7
17.5°	3266.6	2359.5	1713.5	1304.7	1039.6	857.0	724.9	629.4	559.6	501.3	457.4
15°	4060.1	2916.2	2086.6	1524.4	1153.4	923.0	765.4	654.4	579.0	514.9	467.0
12.5°	5073.4	3516.3	2413.7	1707.7	1265.3	994.8	812.5	686.1	598.0	529.6	477.0
10°	6031.9	4142.2	2812.0	1949.0	1401.5	1065.2	854.3	710.5	612.8	541.3	485.2
7.5°	6937.5	4744.0	3156.2	2132.8	1506.7	1121.3	885.3	728.2	623.3	549.5	491.4
5°	7601.2	5191.8	3425.7	2274.5	1581.1	1161.9	905.4	739.1	629.6	554.3	495.6
2.5°	8106.2	5488.6	3589.6	2357.7	1623.6	1185.9	917.4	747.5	635.6	558.2	500.3
0°	8338.1	5603.2	3644.4	2401.8	1649.0	1192.6	922.8	752.9	639.6	559.6	503.0
-2.5°	8106.2	5488.6	3589.6	2357.7	1623.6	1185.9	917.4	747.5	635.6	558.2	500.3
-5°	7601.2	5191.8	3425.7	2274.5	1581.1	1161.9	905.4	739.1	629.6	554.3	495.6
-7.5°	6937.5	4744.0	3156.2	2132.8	1506.7	1121.3	885.3	728.2	623.3	549.5	491.4
-10°	6031.9	4142.2	2812.0	1949.0	1401.5	1065.2	854.3	710.5	612.8	541.3	485.2
-12.5°	5073.4	3516.3	2413.7	1707.7	1265.3	994.8	812.5	686.1	598.0	529.6	477.0
-15°	4060.1	2916.2	2086.6	1524.4	1153.4	923.0	765.4	654.4	579.0	514.9	467.0
-17.5°	3266.6	2359.5	1713.5	1304.7	1039.6	857.0	724.9	629.4	559.6	501.3	457.4
-20°	2522.1	1868.3	1446.6	1140.2	928.2	780.1	676.3	601.1	539.3	488.9	449.7



Classified

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

Scaled Data Report



REPORT NUMBER: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1894.9	1514.0	1202.6	979.3	833.1	720.1	634.3	570.4	516.9	474.7	440.2
-25°	1468.5	1217.0	1014.1	866.9	748.3	657.5	593.9	541.0	497.1	461.0	429.3
-27.5°	1157.4	991.6	874.8	762.0	674.8	610.9	556.9	511.2	475.4	445.4	419.0
-30°	938.0	841.6	755.1	678.4	618.8	566.0	521.2	486.4	455.9	429.3	406.2
-32.5°	784.8	726.0	663.2	615.0	567.6	526.7	492.5	462.4	436.7	414.5	394.8
-35°	680.7	639.2	597.8	560.3	524.4	493.2	464.5	440.9	419.5	399.9	383.5
-37.5°	603.6	573.3	544.4	514.2	487.7	462.4	440.9	421.2	402.4	387.2	371.6
-40°	543.5	520.2	499.1	475.8	455.9	436.7	419.5	402.4	388.0	374.1	359.2
-42.5°	494.5	477.2	461.2	445.4	429.3	414.5	399.4	385.8	372.8	359.9	346.5
-45°	454.5	443.1	430.8	419.2	406.2	394.0	380.7	369.0	357.5	345.5	333.0
-47.5°	423.0	414.6	405.3	396.7	386.6	375.3	363.9	352.6	341.9	330.8	320.7
-50°	396.7	390.9	384.4	377.3	368.1	357.9	347.2	336.0	326.2	316.7	306.7
-52.5°	375.4	370.8	365.0	358.1	349.7	340.2	330.2	319.8	310.3	301.0	290.4
-55°	357.0	352.3	346.3	339.2	331.3	323.2	314.0	303.6	293.4	284.4	272.6
-57.5°	338.0	333.6	326.9	320.6	314.8	306.0	296.1	286.3	276.7	266.9	254.1
-60°	313.9	310.1	304.5	298.7	292.8	285.3	275.5	266.9	259.4	245.2	230.4
-62.5°	285.9	282.8	277.9	272.0	265.8	259.1	251.5	242.0	231.0	218.5	206.1
-65°	254.6	250.1	245.7	241.6	237.0	231.7	223.5	213.9	203.6	192.8	181.5
-67.5°	223.0	219.0	215.6	212.2	207.9	202.4	194.5	185.8	176.3	165.5	155.5
-70°	193.6	190.5	187.3	183.3	178.6	173.2	166.3	157.8	148.2	138.9	131.9
-72.5°	165.5	163.0	159.8	155.8	151.1	145.5	138.5	131.0	123.9	117.1	110.6
-75°	137.4	135.3	132.4	127.6	122.2	115.9	110.2	105.5	100.5	95.3	89.8
-77.5°	108.2	106.4	103.8	99.4	94.9	90.3	85.8	82.1	78.4	74.6	70.5
-80°	78.1	76.9	75.2	72.4	69.6	66.7	63.8	61.1	58.1	55.1	51.9
-82.5°	52.4	51.3	50.0	48.7	47.2	45.6	43.9	41.5	39.0	36.1	33.2
-85°	30.9	30.2	29.5	28.8	27.9	27.0	26.0	24.5	23.0	21.6	20.2
-87.5°	12.5	12.3	12.1	11.8	11.5	11.2	10.9	10.6	10.2	9.8	9.4
-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: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	9.0	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
85°	19.5	18.5	17.5	16.2	14.8	13.3	12.3	11.2	10.2	9.1	8.0
82.5°	31.5	30.3	29.1	27.6	25.5	23.2	20.9	18.6	16.2	13.8	12.0
80°	48.8	45.8	42.9	40.0	36.6	33.1	30.1	27.0	23.8	20.5	17.2
77.5°	66.3	61.9	57.4	53.2	48.9	44.6	40.2	35.6	31.3	27.3	23.2
75°	84.1	78.8	73.3	67.7	61.9	56.0	50.7	45.2	39.7	34.0	29.0
72.5°	104.0	97.0	89.9	82.6	75.8	68.9	61.7	54.7	48.3	41.7	35.1
70°	124.6	116.1	107.5	99.3	90.7	81.7	73.5	65.3	56.8	49.3	41.7
67.5°	146.2	137.5	127.4	116.6	106.8	96.6	85.7	75.9	66.4	56.8	48.3
65°	169.9	159.0	148.6	136.0	123.7	111.8	99.9	87.1	75.9	65.3	54.7
62.5°	193.1	180.0	167.4	154.5	141.1	127.4	114.0	99.6	85.6	73.5	61.7
60°	216.1	201.5	185.9	171.3	157.2	142.8	127.6	111.7	96.3	81.7	68.9
57.5°	237.9	222.6	205.0	187.8	172.0	157.0	140.7	123.5	106.7	90.5	75.8
55°	258.2	241.2	222.9	204.2	186.4	170.0	153.0	134.8	116.8	99.3	82.4
52.5°	276.9	259.1	239.6	219.8	200.4	182.4	164.6	145.6	126.4	107.8	89.6
50°	294.3	276.9	256.1	234.9	213.6	194.7	175.9	156.0	135.6	115.9	96.6
47.5°	309.4	292.8	272.8	249.8	227.2	206.7	187.1	166.2	144.3	123.6	103.3
45°	321.7	307.6	288.3	265.2	240.9	219.3	198.0	176.2	153.3	131.0	109.8
42.5°	333.1	320.0	302.6	280.2	255.1	231.6	208.7	185.9	162.1	138.1	116.0
40°	344.8	330.9	315.8	293.4	268.3	243.5	219.4	195.4	170.5	145.1	121.9
37.5°	355.6	341.2	326.0	305.5	280.2	254.7	229.7	204.5	178.4	152.1	127.5
35°	366.7	350.5	334.8	315.1	290.6	264.8	239.5	213.3	185.7	158.6	132.8
32.5°	377.3	359.2	342.2	322.9	300.1	273.9	248.3	220.9	192.7	164.5	137.7
30°	387.0	367.3	349.3	330.5	308.2	281.9	255.7	227.8	199.1	170.0	142.4
27.5°	394.7	374.0	356.0	336.9	314.6	289.1	262.2	234.1	205.0	175.1	146.8
25°	402.3	380.2	361.4	342.8	320.7	296.3	268.2	239.6	210.2	179.8	150.8
22.5°	410.9	385.9	365.7	348.4	326.9	303.2	274.0	244.4	214.7	184.1	154.4
20°	418.4	390.9	368.9	352.8	331.8	308.4	279.4	248.8	218.6	187.9	157.5
17.5°	425.0	396.3	373.0	355.4	335.7	312.9	284.4	252.6	221.9	191.2	160.1
15°	431.9	401.8	376.7	357.6	338.8	316.6	289.0	255.9	224.5	194.0	162.5
12.5°	438.1	406.4	379.7	359.2	341.1	319.7	293.1	258.7	226.6	196.4	164.6
10°	443.2	409.9	381.9	360.3	342.8	322.0	296.5	261.3	228.8	198.2	166.5
7.5°	447.2	412.3	383.4	361.0	343.9	323.9	299.4	264.4	230.7	199.4	167.9
5°	450.1	414.2	385.6	363.0	345.3	325.3	301.5	266.8	232.0	200.1	169.0
2.5°	452.3	415.9	388.1	365.0	346.1	326.2	302.7	268.7	232.9	200.3	169.7
0°	453.0	416.4	389.8	366.4	346.4	326.5	303.1	269.8	233.2	199.9	169.9
-2.5°	452.3	415.9	388.1	365.0	346.1	326.2	302.7	268.7	232.9	200.3	169.7
-5°	450.1	414.2	385.6	363.0	345.3	325.3	301.5	266.8	232.0	200.1	169.0
-7.5°	447.2	412.3	383.4	361.0	343.9	323.9	299.4	264.4	230.7	199.4	167.9
-10°	443.2	409.9	381.9	360.3	342.8	322.0	296.5	261.3	228.8	198.2	166.5
-12.5°	438.1	406.4	379.7	359.2	341.1	319.7	293.1	258.7	226.6	196.4	164.6
-15°	431.9	401.8	376.7	357.6	338.8	316.6	289.0	255.9	224.5	194.0	162.5
-17.5°	425.0	396.3	373.0	355.4	335.7	312.9	284.4	252.6	221.9	191.2	160.1
-20°	418.4	390.9	368.9	352.8	331.8	308.4	279.4	248.8	218.6	187.9	157.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627049 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	410.9	385.9	365.7	348.4	326.9	303.2	274.0	244.4	214.7	184.1	154.4
-25°	402.3	380.2	361.4	342.8	320.7	296.3	268.2	239.6	210.2	179.8	150.8
-27.5°	394.7	374.0	356.0	336.9	314.6	289.1	262.2	234.1	205.0	175.1	146.8
-30°	387.0	367.3	349.3	330.5	308.2	281.9	255.7	227.8	199.1	170.0	142.4
-32.5°	377.3	359.2	342.2	322.9	300.1	273.9	248.3	220.9	192.7	164.5	137.7
-35°	366.7	350.5	334.8	315.1	290.6	264.8	239.5	213.3	185.7	158.6	132.8
-37.5°	355.6	341.2	326.0	305.5	280.2	254.7	229.7	204.5	178.4	152.1	127.5
-40°	344.8	330.9	315.8	293.4	268.3	243.5	219.4	195.4	170.5	145.1	121.9
-42.5°	333.1	320.0	302.6	280.2	255.1	231.6	208.7	185.9	162.1	138.1	116.0
-45°	321.7	307.6	288.3	265.2	240.9	219.3	198.0	176.2	153.3	131.0	109.8
-47.5°	309.4	292.8	272.8	249.8	227.2	206.7	187.1	166.2	144.3	123.6	103.3
-50°	294.3	276.9	256.1	234.9	213.6	194.7	175.9	156.0	135.6	115.9	96.6
-52.5°	276.9	259.1	239.6	219.8	200.4	182.4	164.6	145.6	126.4	107.8	89.6
-55°	258.2	241.2	222.9	204.2	186.4	170.0	153.0	134.8	116.8	99.3	82.4
-57.5°	237.9	222.6	205.0	187.8	172.0	157.0	140.7	123.5	106.7	90.5	75.8
-60°	216.1	201.5	185.9	171.3	157.2	142.8	127.6	111.7	96.3	81.7	68.9
-62.5°	193.1	180.0	167.4	154.5	141.1	127.4	114.0	99.6	85.6	73.5	61.7
-65°	169.9	159.0	148.6	136.0	123.7	111.8	99.9	87.1	75.9	65.3	54.7
-67.5°	146.2	137.5	127.4	116.6	106.8	96.6	85.7	75.9	66.4	56.8	48.3
-70°	124.6	116.1	107.5	99.3	90.7	81.7	73.5	65.3	56.8	49.3	41.7
-72.5°	104.0	97.0	89.9	82.6	75.8	68.9	61.7	54.7	48.3	41.7	35.1
-75°	84.1	78.8	73.3	67.7	61.9	56.0	50.7	45.2	39.7	34.0	29.0
-77.5°	66.3	61.9	57.4	53.2	48.9	44.6	40.2	35.6	31.3	27.3	23.2
-80°	48.8	45.8	42.9	40.0	36.6	33.1	30.1	27.0	23.8	20.5	17.2
-82.5°	31.5	30.3	29.1	27.6	25.5	23.2	20.9	18.6	16.2	13.8	12.0
-85°	19.5	18.5	17.5	16.2	14.8	13.3	12.3	11.2	10.2	9.1	8.0
-87.5°	9.0	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
-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-SA2E-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	2.9	2.3	1.7	1.2	0.5	0.0
85°	6.9	5.8	4.6	3.5	2.3	1.0	0.0
82.5°	10.3	8.6	6.9	5.2	3.5	1.5	0.0
80°	13.9	11.5	9.2	6.9	4.6	2.0	0.0
77.5°	19.0	14.7	11.5	8.6	5.7	2.5	0.0
75°	23.9	18.7	13.9	10.3	6.8	3.0	0.0
72.5°	28.8	22.7	16.9	12.0	7.9	3.5	0.0
70°	33.7	26.5	19.9	13.7	9.0	3.9	0.0
67.5°	39.3	30.3	22.8	15.8	10.0	4.4	0.0
65°	44.8	34.4	25.6	17.9	11.0	4.9	0.0
62.5°	50.1	38.9	28.4	19.9	11.9	5.3	0.0
60°	55.4	43.2	31.1	21.8	12.8	5.7	0.0
57.5°	61.1	47.5	34.4	23.7	14.1	6.1	0.0
55°	66.8	51.6	37.7	25.6	15.2	6.5	0.0
52.5°	72.3	55.7	40.9	27.3	16.4	6.9	0.0
50°	77.6	60.1	44.0	29.0	17.5	7.2	0.0
47.5°	82.8	64.4	47.0	30.7	18.6	7.6	0.0
45°	88.4	68.5	49.8	32.9	19.6	7.9	0.0
42.5°	93.7	72.4	52.5	34.9	20.6	8.2	0.0
40°	98.8	76.1	55.3	36.9	21.6	8.5	0.0
37.5°	103.5	79.6	58.1	38.8	22.6	8.7	0.0
35°	108.1	83.2	60.8	40.6	23.4	9.0	0.0
32.5°	112.3	86.7	63.2	42.3	24.3	9.2	0.0
30°	116.2	90.0	65.5	43.9	25.1	9.4	0.0
27.5°	119.9	93.0	67.8	45.4	25.8	9.5	0.0
25°	123.2	95.8	69.8	46.7	26.5	9.7	0.0
22.5°	126.2	98.3	71.7	48.0	27.1	9.8	0.0
20°	128.9	100.4	73.4	49.1	27.7	9.9	0.0
17.5°	131.1	102.3	74.9	50.0	28.2	10.0	0.0
15°	132.9	103.8	76.2	50.9	28.7	10.1	0.0
12.5°	134.4	105.0	77.4	51.6	29.1	10.1	0.0
10°	135.6	105.9	78.3	52.2	29.4	10.1	0.0
7.5°	136.3	106.5	79.0	52.7	29.7	10.1	0.0
5°	136.8	106.8	79.5	53.0	29.8	10.1	0.0
2.5°	136.9	106.8	79.8	53.2	30.0	10.1	0.0
0°	136.6	106.6	79.9	53.3	30.0	10.0	0.0
-2.5°	136.9	106.8	79.8	53.2	30.0	10.1	0.0
-5°	136.8	106.8	79.5	53.0	29.8	10.1	0.0
-7.5°	136.3	106.5	79.0	52.7	29.7	10.1	0.0
-10°	135.6	105.9	78.3	52.2	29.4	10.1	0.0
-12.5°	134.4	105.0	77.4	51.6	29.1	10.1	0.0
-15°	132.9	103.8	76.2	50.9	28.7	10.1	0.0
-17.5°	131.1	102.3	74.9	50.0	28.2	10.0	0.0
-20°	128.9	100.4	73.4	49.1	27.7	9.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	126.2	98.3	71.7	48.0	27.1	9.8	0.0
-25°	123.2	95.8	69.8	46.7	26.5	9.7	0.0
-27.5°	119.9	93.0	67.8	45.4	25.8	9.5	0.0
-30°	116.2	90.0	65.5	43.9	25.1	9.4	0.0
-32.5°	112.3	86.7	63.2	42.3	24.3	9.2	0.0
-35°	108.1	83.2	60.8	40.6	23.4	9.0	0.0
-37.5°	103.5	79.6	58.1	38.8	22.6	8.7	0.0
-40°	98.8	76.1	55.3	36.9	21.6	8.5	0.0
-42.5°	93.7	72.4	52.5	34.9	20.6	8.2	0.0
-45°	88.4	68.5	49.8	32.9	19.6	7.9	0.0
-47.5°	82.8	64.4	47.0	30.7	18.6	7.6	0.0
-50°	77.6	60.1	44.0	29.0	17.5	7.2	0.0
-52.5°	72.3	55.7	40.9	27.3	16.4	6.9	0.0
-55°	66.8	51.6	37.7	25.6	15.2	6.5	0.0
-57.5°	61.1	47.5	34.4	23.7	14.1	6.1	0.0
-60°	55.4	43.2	31.1	21.8	12.8	5.7	0.0
-62.5°	50.1	38.9	28.4	19.9	11.9	5.3	0.0
-65°	44.8	34.4	25.6	17.9	11.0	4.9	0.0
-67.5°	39.3	30.3	22.8	15.8	10.0	4.4	0.0
-70°	33.7	26.5	19.9	13.7	9.0	3.9	0.0
-72.5°	28.8	22.7	16.9	12.0	7.9	3.5	0.0
-75°	23.9	18.7	13.9	10.3	6.8	3.0	0.0
-77.5°	19.0	14.7	11.5	8.6	5.7	2.5	0.0
-80°	13.9	11.5	9.2	6.9	4.6	2.0	0.0
-82.5°	10.3	8.6	6.9	5.2	3.5	1.5	0.0
-85°	6.9	5.8	4.6	3.5	2.3	1.0	0.0
-87.5°	3.4	2.9	2.3	1.7	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)