

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: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-730-U-NR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14140.1 lumens
Efficiency: N/A
Efficacy: 112.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 143333.3 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 4514.2 lumens
Beam Efficiency: 31.9%

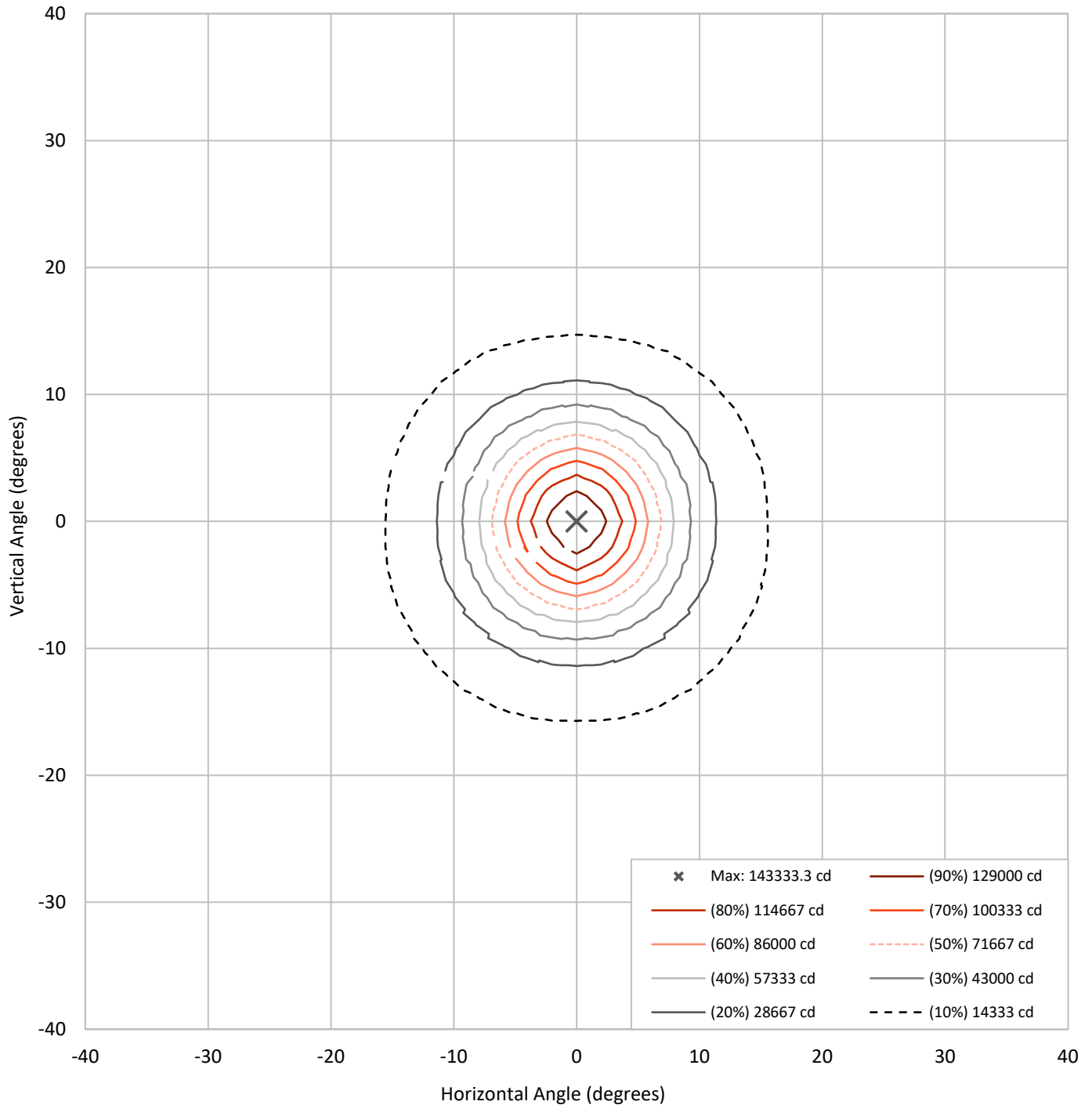
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 10054.5 lumens
Field Efficiency: 71.1%

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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CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

Iso-Candela Plot





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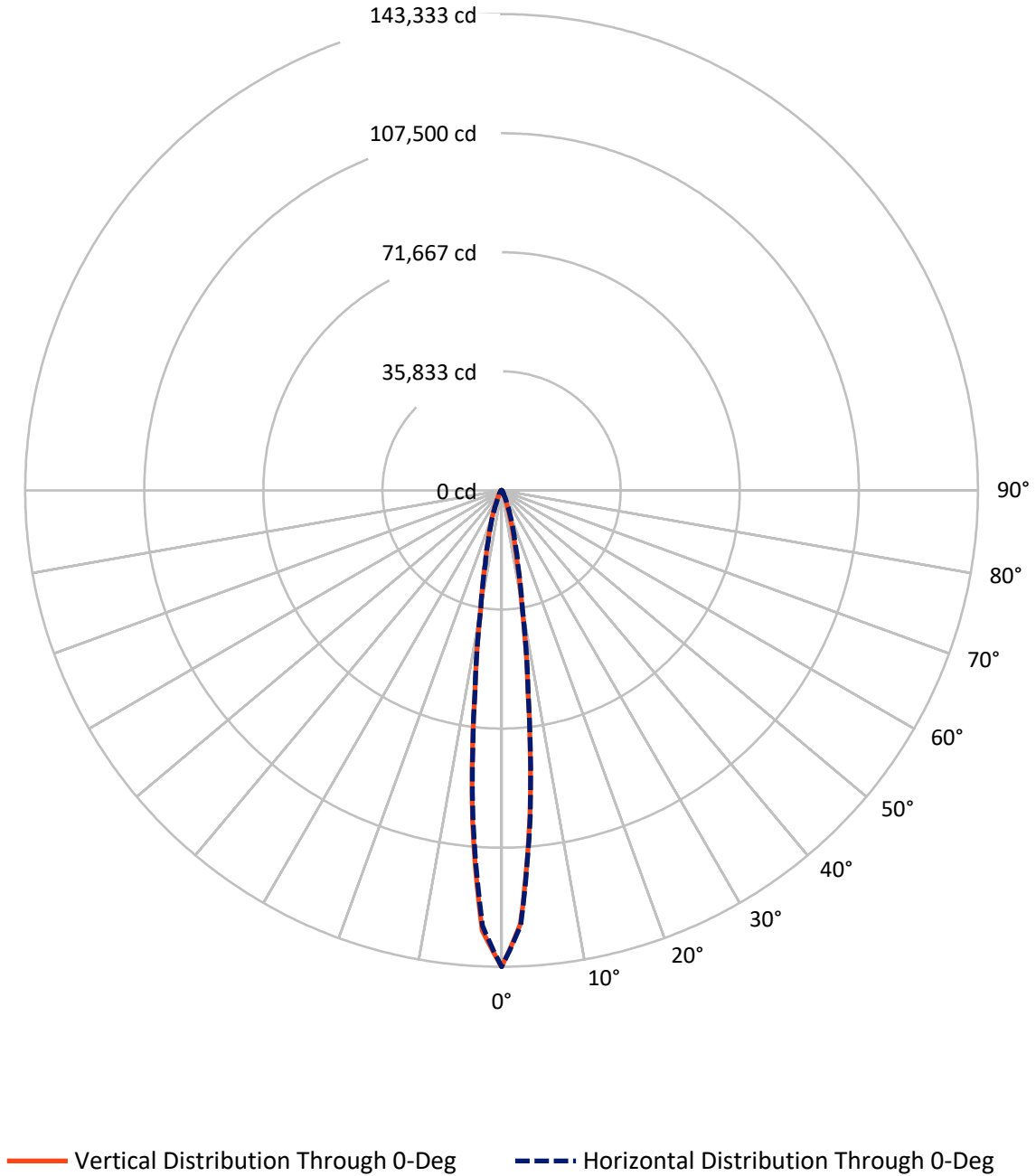
CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.1	0.3	0.8	1.3	1.7	2.0	2.0	1.7	1.3	0.8	0.3	0.1				0.0
50	0.1	0.1	0.4	1.2	2.3	3.4	4.8	5.6	5.6	4.8	3.4	2.3	1.2	0.4	0.1	0.1	0.1	0.1
40		0.2	1.0	2.4	4.3	6.8	11.5	14.6	14.6	11.5	6.8	4.3	2.4	1.0	0.2			
30	0.1	0.4	1.6	3.6	6.6	14.4	38.4	63.6	63.6	38.4	14.4	6.6	3.6	1.6	0.4	0.1	0.1	0.1
20		0.6	2.2	5.0	10.9	43.0	181.3	398.4	398.4	181.3	43.0	10.9	5.0	2.2	0.6			
10	0.2	0.8	2.6	5.9	14.8	80.7	434.3	1947.9	1947.9	434.3	80.7	14.8	5.9	2.6	0.8	0.2	0.2	0.2
0		0.9	2.9	6.2	16.0	86.0	449.6	1981.0	1981.0	449.6	86.0	16.0	6.2	2.9	0.9			
-10	0.3	0.9	2.9	6.1	14.0	54.7	218.2	466.8	466.8	218.2	54.7	14.0	6.1	2.9	0.9	0.3	0.3	0.3
-20		0.9	2.8	5.6	10.8	25.6	67.2	112.1	112.1	67.2	25.6	10.8	5.6	2.8	0.9			
-30	0.2	0.8	2.5	5.0	8.5	14.0	22.9	29.0	29.0	22.9	14.0	8.5	5.0	2.5	0.8	0.2	0.2	0.2
-40		0.6	2.0	4.1	6.8	9.8	13.2	14.7	14.7	13.2	9.8	6.8	4.1	2.0	0.6			
-50	0.2	0.5	1.5	3.2	5.4	7.5	9.5	10.4	10.4	9.5	7.5	5.4	3.2	1.5	0.5	0.2	0.2	0.2
-60		0.3	1.0	2.1	3.6	5.2	6.6	7.3	7.3	6.6	5.2	3.6	2.1	1.0	0.3			
-70	0.1	0.3	1.0	2.1	3.6	5.2	6.6	7.3	7.3	6.6	5.2	3.6	2.1	1.0	0.3	0.1	0.1	0.1
-80		0.9	3.6	7.8	9.9	7.8	3.6	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
-90	0.1	0.9	3.6	7.8	9.9	7.8	3.6	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	

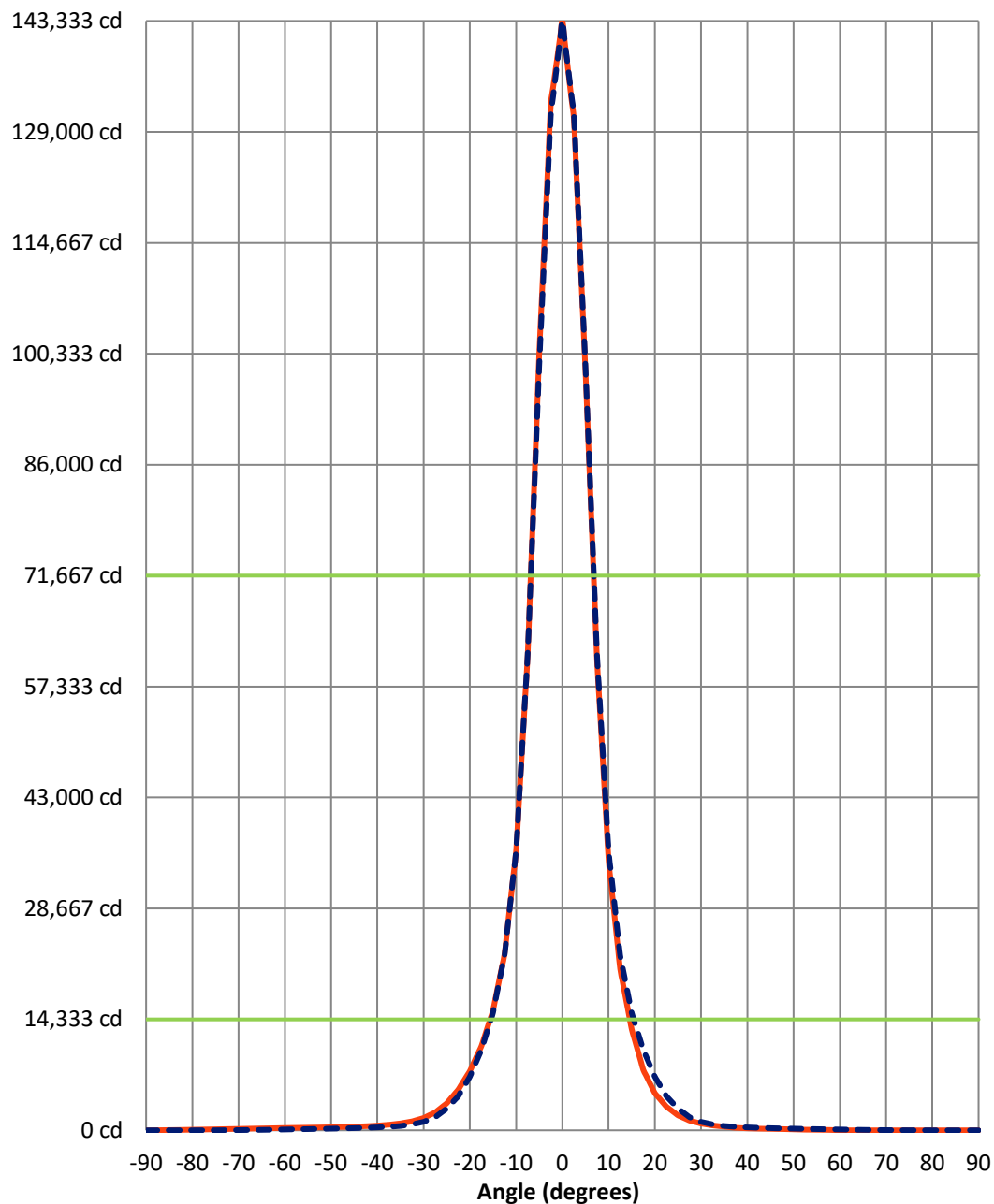
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 4514.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 10054.5
 Efficiency: 71.1%

Spill:
 Lumens: 4085.6
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.1	0.0	0.0	0.2	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.5	0.1	0.0	0.3	0.5	0.2	0.2	0.6	0.7	0.3
70°	0.0	0.5	0.1	0.1	0.6	0.7	0.3	0.9	1.3	1.1	0.4
67.5°	0.0	0.6	0.2	0.4	0.9	0.9	1.1	1.7	1.9	1.2	0.5
65°	0.0	0.7	0.2	0.7	1.2	1.3	1.7	2.5	2.0	1.3	0.9
62.5°	0.0	0.8	0.3	1.0	1.5	1.7	2.4	2.8	2.1	1.6	1.9
60°	0.0	0.9	0.4	1.3	1.9	2.1	2.9	2.9	2.3	2.2	2.7
57.5°	0.0	0.9	0.7	1.6	2.1	2.4	3.0	3.0	2.5	2.7	3.0
55°	0.0	1.0	0.9	1.9	2.3	2.8	3.0	3.0	2.8	3.0	3.0
52.5°	0.0	1.1	1.1	2.2	2.5	3.0	3.0	3.0	2.9	3.0	3.0
50°	0.0	1.2	1.4	2.6	2.6	3.0	3.0	3.0	3.0	3.0	3.5
47.5°	0.0	1.3	1.6	2.8	2.8	3.0	3.0	3.0	3.0	3.0	4.2
45°	0.0	1.4	1.8	2.9	2.9	3.0	3.0	3.0	3.1	3.8	5.0
42.5°	0.0	1.5	1.9	3.0	3.0	3.0	3.0	3.1	3.3	4.6	6.7
40°	0.0	1.6	2.1	3.0	3.0	3.0	3.0	3.4	3.8	5.6	8.6
37.5°	0.0	1.7	2.2	3.0	3.0	3.0	3.0	3.7	4.9	7.0	10.6
35°	0.0	1.8	2.4	3.0	3.0	3.0	3.0	4.0	6.0	8.9	13.0
32.5°	0.0	1.8	2.5	3.0	3.0	3.0	3.1	4.5	7.2	10.8	16.2
30°	0.0	1.9	2.6	3.0	3.0	3.0	3.4	5.1	8.4	12.6	19.6
27.5°	0.0	2.0	2.7	3.0	3.0	3.0	3.8	6.0	9.8	14.3	23.3
25°	0.0	2.1	2.8	3.0	3.0	3.0	4.1	7.0	11.2	16.8	27.2
22.5°	0.0	2.2	2.8	3.0	3.0	3.1	4.5	8.0	12.6	19.9	31.9
20°	0.0	2.3	2.9	3.0	3.0	3.3	4.9	8.9	13.9	23.0	36.1
17.5°	0.0	2.4	2.9	3.0	3.0	3.6	5.5	9.9	15.1	26.1	40.0
15°	0.0	2.5	2.9	3.0	3.0	3.9	6.1	10.8	16.2	29.2	43.6
12.5°	0.0	2.6	3.0	3.0	3.0	4.2	6.7	11.7	17.8	32.2	46.8
10°	0.0	2.7	3.0	3.0	3.0	4.6	7.2	12.6	19.7	34.9	49.6
7.5°	0.0	2.8	3.0	3.0	3.0	5.0	7.7	13.4	21.7	37.3	52.0
5°	0.0	2.9	3.0	3.0	3.0	5.4	8.2	14.1	23.7	39.4	54.2
2.5°	0.0	2.9	3.0	3.0	3.0	5.7	8.7	14.7	25.6	41.1	56.0
0°	0.0	3.0	3.0	3.0	3.0	6.1	9.1	15.2	27.3	42.5	57.6
-2.5°	0.0	3.0	3.0	3.0	3.3	6.4	9.9	16.1	28.9	43.6	59.6
-5°	0.0	3.0	3.0	3.0	3.5	6.7	10.6	16.9	30.2	44.5	61.2
-7.5°	0.0	3.0	3.0	3.0	3.8	7.0	11.3	17.7	31.3	45.1	62.4
-10°	0.0	3.0	3.0	3.0	4.0	7.2	11.9	18.3	32.1	45.6	63.1
-12.5°	0.0	2.9	3.0	3.0	4.2	7.4	12.4	18.9	32.6	46.1	64.3
-15°	0.0	2.9	3.0	3.0	4.4	7.5	12.8	19.3	32.7	47.0	65.4
-17.5°	0.0	2.9	3.0	3.0	4.5	7.7	13.1	19.8	32.4	47.5	65.9
-20°	0.0	2.8	3.0	3.0	4.6	7.8	13.2	20.2	32.0	47.5	65.8

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Scaled Data Report



REPORT NUMBER: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	3.0	3.0	4.7	7.9	13.4	20.4	31.2	46.9	65.1
-25°	0.0	2.7	3.0	3.0	4.6	8.1	13.5	20.6	30.3	45.8	63.6
-27.5°	0.0	2.7	3.0	3.0	4.6	8.3	13.5	20.5	29.1	44.3	62.3
-30°	0.0	2.6	3.0	3.0	4.5	8.4	13.4	20.3	28.4	42.7	60.2
-32.5°	0.0	2.5	3.0	3.0	4.4	8.5	13.2	20.0	28.1	40.8	57.4
-35°	0.0	2.5	3.0	3.0	4.4	8.5	13.2	19.7	27.5	38.6	53.7
-37.5°	0.0	2.4	3.0	3.0	4.3	8.4	13.1	19.4	26.7	36.2	51.6
-40°	0.0	2.3	3.0	3.0	4.1	8.2	13.0	18.9	25.7	34.6	49.7
-42.5°	0.0	2.2	3.0	3.0	4.1	7.9	12.7	18.4	24.9	33.9	47.4
-45°	0.0	2.1	3.0	3.1	4.2	7.6	12.3	17.8	24.2	32.9	44.8
-47.5°	0.0	2.0	3.0	3.2	4.2	7.2	11.9	17.2	23.3	31.4	43.1
-50°	0.0	1.9	3.0	3.2	4.3	6.7	11.2	16.5	22.4	30.3	40.8
-52.5°	0.0	1.8	3.0	3.2	4.3	6.2	10.5	15.6	21.3	28.6	38.1
-55°	0.0	1.7	3.0	3.3	4.3	6.0	9.7	14.6	20.1	26.4	35.4
-57.5°	0.0	1.6	3.0	3.3	4.2	5.9	8.8	13.4	18.6	24.5	32.1
-60°	0.0	1.5	3.0	3.2	4.1	5.7	7.9	12.1	17.1	22.6	28.7
-62.5°	0.0	1.4	2.8	3.2	4.0	5.4	7.5	10.7	15.3	20.4	26.2
-65°	0.0	1.3	2.5	3.1	3.9	5.2	7.0	9.4	13.4	18.1	23.4
-67.5°	0.0	1.1	2.3	3.1	3.7	4.8	6.5	8.6	11.3	15.6	20.4
-70°	0.0	1.0	2.0	3.0	3.5	4.5	5.9	7.8	10.2	13.0	17.2
-72.5°	0.0	0.9	1.8	2.7	3.3	4.1	5.3	6.9	8.9	11.3	14.1
-75°	0.0	0.8	1.6	2.3	3.0	3.6	4.6	6.0	7.5	9.5	11.9
-77.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	5.2	6.5	7.9	9.5
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	4.3	5.6	6.8	8.0
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	3.4	4.6	5.7	6.8
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.3	3.1	4.1	5.1
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.6	2.0	2.6
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.9	1.0	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.5	1.9	1.5	0.8	0.1	0.7	1.0	0.8	0.1	0.0	0.0
62.5°	2.8	2.4	1.7	1.2	1.7	2.3	1.8	1.0	0.3	1.5	2.1
60°	3.0	2.5	2.1	2.4	3.0	2.7	2.0	3.0	4.5	5.6	6.8
57.5°	3.0	2.8	2.7	3.2	3.4	3.4	5.3	7.1	10.1	12.5	14.2
55°	3.1	3.0	3.4	4.1	5.1	7.2	9.9	14.0	17.2	22.2	26.5
52.5°	3.4	3.4	4.6	6.2	9.2	12.5	17.2	23.0	29.4	34.3	39.4
50°	3.9	5.1	6.5	10.4	14.5	19.7	27.4	35.8	41.3	46.8	54.2
47.5°	5.4	6.9	10.7	15.2	21.1	29.5	40.1	46.2	51.5	60.2	69.4
45°	7.3	10.3	15.0	21.3	29.4	41.1	49.5	54.4	63.8	73.8	84.3
42.5°	9.3	14.3	20.6	27.2	40.0	51.2	58.8	66.6	76.0	87.7	99.1
40°	12.6	18.1	26.8	37.2	50.1	61.1	70.6	79.5	88.9	104.1	116.2
37.5°	16.0	24.0	33.8	46.7	60.2	72.1	82.7	94.0	107.3	124.4	135.3
35°	19.2	30.1	42.0	55.8	70.2	83.6	96.4	109.6	126.8	143.0	156.0
32.5°	23.8	36.3	49.8	64.7	79.4	94.7	110.2	125.9	142.8	159.5	176.5
30°	29.6	43.0	57.1	73.2	88.0	105.6	123.6	140.3	157.3	174.8	194.1
27.5°	35.4	49.2	64.5	80.7	96.2	116.3	135.7	153.1	170.6	189.5	211.4
25°	40.7	55.4	71.5	87.4	105.7	127.2	148.5	168.6	183.4	204.9	230.6
22.5°	45.9	61.6	78.8	93.5	114.8	138.2	162.9	184.6	202.1	221.3	250.4
20°	51.0	67.9	85.7	102.1	124.0	149.1	178.4	200.8	222.5	247.2	277.0
17.5°	55.9	73.8	92.5	111.9	135.0	161.1	194.3	217.1	243.0	272.7	310.2
15°	60.5	79.2	99.3	121.1	144.9	173.0	205.1	233.5	264.6	298.8	343.0
12.5°	64.8	84.2	106.0	129.6	153.7	183.3	214.1	244.3	280.1	324.8	380.5
10°	68.7	88.7	112.4	137.4	161.3	192.0	222.1	253.5	291.3	340.4	404.2
7.5°	72.0	93.3	118.6	144.4	167.9	199.2	229.0	261.1	300.6	353.2	420.1
5°	74.8	98.0	124.3	149.0	173.4	205.3	234.7	267.1	308.1	363.3	431.4
2.5°	77.1	102.4	129.3	152.2	178.1	211.0	239.3	273.8	315.6	371.1	442.1
0°	78.9	106.2	133.5	154.7	182.0	215.4	242.7	279.1	321.6	376.2	452.1
-2.5°	82.6	109.4	136.0	157.6	186.2	216.1	244.9	279.9	323.9	380.2	453.9
-5°	85.7	111.9	137.9	159.8	189.4	216.0	245.9	279.3	324.7	382.4	457.2
-7.5°	88.1	113.8	139.1	161.5	191.0	217.0	247.2	281.4	327.0	384.5	461.5
-10°	89.6	115.3	140.1	163.6	191.5	218.1	247.7	281.9	326.6	383.2	459.2
-12.5°	90.4	116.1	140.6	164.8	191.3	218.0	247.0	280.6	323.3	378.4	449.8
-15°	90.6	116.4	140.5	165.0	190.9	216.7	245.1	277.4	317.2	370.2	435.1
-17.5°	90.4	116.3	139.9	163.9	190.2	214.2	242.1	273.1	311.1	360.7	423.1
-20°	89.6	115.6	138.9	161.8	189.1	211.9	239.1	269.0	304.8	349.7	405.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	88.3	114.6	137.4	159.6	185.8	209.7	235.1	263.7	295.8	336.4	385.9
-25°	86.8	112.4	135.5	157.9	182.0	206.4	230.1	257.3	286.8	325.8	370.4
-27.5°	84.9	109.8	132.8	155.5	177.9	202.0	225.1	250.8	280.0	314.4	354.3
-30°	82.1	106.1	129.2	152.3	174.4	197.0	219.4	243.8	271.3	303.7	340.6
-32.5°	78.6	102.0	124.5	147.4	170.4	192.0	213.0	236.5	262.3	290.8	325.8
-35°	75.0	97.5	119.5	141.3	165.6	186.4	206.6	228.2	252.2	278.6	307.2
-37.5°	71.6	92.7	114.2	134.8	157.7	179.4	199.1	219.6	241.8	266.0	292.0
-40°	68.0	87.6	108.6	128.7	148.8	170.9	190.6	210.4	230.8	255.2	278.2
-42.5°	64.2	83.3	102.7	122.4	141.6	161.4	181.0	200.0	221.6	244.7	267.3
-45°	61.1	78.8	96.8	115.9	134.9	152.8	171.2	188.9	210.9	233.9	256.1
-47.5°	57.4	74.2	91.6	108.9	127.6	145.5	162.0	179.9	198.6	220.3	243.6
-50°	53.6	69.5	85.6	101.9	119.5	137.4	154.3	170.8	188.4	206.3	226.3
-52.5°	50.3	64.2	79.1	94.1	110.8	128.3	145.3	161.9	178.1	194.9	211.9
-55°	46.5	59.2	72.4	86.4	101.1	117.8	134.6	150.8	167.4	183.1	199.8
-57.5°	42.2	53.6	65.6	78.8	92.1	105.9	122.2	138.2	153.8	169.7	187.0
-60°	37.4	47.6	58.5	70.6	83.6	96.2	109.4	124.3	139.3	154.4	170.3
-62.5°	32.5	41.3	51.1	61.7	73.5	85.9	98.0	110.7	124.2	137.3	151.1
-65°	29.1	35.4	43.6	53.0	62.8	73.8	85.3	97.0	108.9	120.0	130.6
-67.5°	25.6	31.2	37.3	44.2	53.1	62.4	71.6	82.1	92.7	103.0	112.9
-70°	21.8	26.8	32.2	38.0	44.3	51.9	60.5	68.9	77.1	85.7	94.9
-72.5°	17.9	22.2	26.9	31.9	37.3	43.3	49.9	57.1	64.4	71.5	78.7
-75°	14.7	17.5	21.4	25.6	30.2	35.0	39.8	45.4	51.6	57.8	63.9
-77.5°	12.1	14.7	17.3	19.9	23.2	27.6	31.8	36.0	40.3	45.0	50.0
-80°	9.8	11.9	14.3	16.7	18.9	21.5	24.5	27.8	30.8	33.9	37.4
-82.5°	8.2	9.8	11.5	13.4	14.7	16.1	17.6	19.5	21.6	23.6	25.8
-85°	6.3	7.6	8.7	10.0	10.6	11.3	12.0	12.8	14.1	15.4	16.7
-87.5°	3.2	3.8	4.5	5.2	5.5	5.8	6.1	6.4	7.3	8.1	9.0
-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: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.6	0.7	0.6	0.3	0.0	0.0
62.5°	1.8	1.5	2.4	3.1	3.4	3.3	3.1	2.7	2.3	2.2	2.5
60°	7.3	7.2	10.0	11.3	10.3	7.3	11.4	13.5	13.0	11.1	11.1
57.5°	17.8	21.7	24.4	25.6	29.6	36.1	37.4	35.2	34.5	35.2	40.6
55°	30.9	34.0	35.6	41.0	45.9	49.5	51.6	53.7	56.8	60.6	64.5
52.5°	43.6	47.9	51.1	56.1	61.9	63.9	63.4	70.9	76.8	80.5	82.1
50°	59.9	65.2	72.7	80.4	83.8	87.1	90.6	96.8	105.7	116.9	123.3
47.5°	77.5	85.8	93.7	102.5	107.0	110.5	115.7	126.4	139.2	151.2	157.5
45°	93.3	100.7	109.8	117.4	122.9	129.6	137.1	146.8	161.1	173.7	182.3
42.5°	106.0	114.4	123.7	132.9	138.5	147.5	158.9	172.1	187.1	200.1	209.8
40°	123.8	130.9	145.7	154.5	156.7	165.1	187.8	205.9	222.8	238.9	246.9
37.5°	145.3	159.1	174.5	182.5	190.3	205.2	235.6	264.7	286.3	308.1	320.0
35°	169.7	187.9	208.9	218.3	235.1	267.6	303.2	343.7	394.2	415.3	434.6
32.5°	193.5	213.8	233.2	254.3	283.6	322.4	362.6	428.3	489.7	537.2	571.9
30°	214.6	236.1	260.2	287.3	328.6	382.1	449.2	534.2	620.8	696.3	760.1
27.5°	235.3	259.9	288.5	328.9	387.1	459.7	566.9	688.2	832.6	939.0	1066.0
25°	258.2	286.2	322.9	381.5	460.0	568.6	740.0	936.9	1173.7	1365.6	1566.5
22.5°	285.2	326.6	373.1	438.4	575.5	754.5	988.6	1325.2	1689.4	2026.1	2350.4
20°	317.8	374.4	449.1	569.4	745.4	1010.0	1416.7	1954.0	2489.5	3059.9	3609.1
17.5°	364.4	446.0	562.0	733.3	965.1	1488.6	2148.5	2979.4	4047.0	5014.4	5859.1
15°	408.0	505.5	688.7	944.8	1349.1	2042.9	3045.3	4416.8	6080.5	7596.9	9198.4
12.5°	453.9	569.0	779.4	1105.4	1667.3	2570.5	3979.1	5858.3	7941.7	10227.0	12830.0
10°	490.2	630.0	881.9	1295.3	1987.9	3112.6	4790.4	7069.5	9838.0	13220.0	17381.1
7.5°	514.7	678.9	966.6	1434.2	2283.0	3667.0	5686.8	8426.2	11887.2	16367.7	22190.2
5°	533.8	716.2	1030.2	1561.0	2532.6	4090.2	6350.9	9614.2	13708.4	19711.5	29579.0
2.5°	549.2	744.7	1069.6	1648.2	2689.3	4384.9	6796.4	10286.3	14792.5	22183.6	34985.3
0°	561.3	770.6	1095.2	1702.0	2809.4	4414.3	6935.5	10409.3	15181.6	22629.8	36148.9
-2.5°	566.4	784.4	1104.0	1713.8	2797.4	4464.9	6977.9	10507.5	15167.0	22385.3	34849.4
-5°	574.9	784.2	1097.4	1701.8	2734.7	4334.1	6700.8	9957.7	14252.0	20460.0	30671.6
-7.5°	581.0	771.7	1065.7	1624.7	2570.5	4051.3	6213.9	9046.9	12586.6	17300.3	23624.6
-10°	575.4	747.7	1012.7	1495.3	2315.2	3597.7	5473.4	7844.3	10786.3	14279.4	18576.3
-12.5°	553.8	703.4	926.3	1314.1	1984.6	3089.6	4728.4	6747.1	8924.6	11377.8	14347.1
-15°	526.4	655.6	848.4	1189.8	1739.6	2586.0	3782.4	5420.1	7166.8	9029.5	11015.8
-17.5°	505.1	613.7	773.3	1020.5	1424.8	2097.8	3038.0	4201.4	5485.0	6903.1	8080.2
-20°	476.3	562.0	696.0	897.9	1206.4	1652.3	2337.0	3182.2	4029.3	5026.3	5839.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	447.3	522.1	624.0	771.8	1001.3	1338.1	1761.3	2325.6	2945.0	3517.3	4080.7
-25°	420.5	478.0	560.5	681.7	837.5	1067.3	1368.4	1692.2	2100.5	2448.8	2835.5
-27.5°	398.8	448.2	509.0	597.9	718.7	866.6	1082.2	1299.1	1513.9	1689.7	1955.9
-30°	377.8	417.6	468.5	531.8	622.4	736.4	876.3	1017.1	1141.0	1254.0	1392.6
-32.5°	357.2	389.6	428.6	481.2	546.2	631.8	717.9	818.7	904.9	984.4	1057.9
-35°	336.5	365.4	395.1	439.5	491.3	552.1	614.7	683.0	742.6	796.2	843.5
-37.5°	317.9	343.2	371.2	404.2	446.0	491.8	542.9	592.5	631.9	666.6	695.4
-40°	302.2	325.2	349.1	375.6	407.4	443.5	486.9	528.2	555.8	577.1	594.5
-42.5°	288.2	308.4	328.8	351.3	375.7	407.0	441.2	475.3	494.0	510.4	523.1
-45°	276.9	292.4	309.6	328.7	350.4	376.6	403.5	427.1	443.7	457.8	468.3
-47.5°	262.0	277.0	291.8	307.6	327.7	349.6	371.9	390.0	404.5	416.9	424.9
-50°	245.5	261.3	274.9	288.8	307.3	325.9	343.8	358.8	372.6	384.7	391.0
-52.5°	228.5	245.5	259.8	273.3	288.9	305.0	321.2	334.0	346.1	357.5	362.3
-55°	216.3	231.9	246.7	259.4	272.3	285.2	298.4	311.7	323.7	334.4	337.7
-57.5°	203.1	219.0	233.6	245.0	256.6	268.3	280.4	292.4	304.0	314.3	316.9
-60°	186.9	204.2	217.1	227.9	239.2	250.7	261.2	272.0	282.8	291.8	294.7
-62.5°	166.5	182.1	194.9	206.3	217.2	227.2	237.4	247.5	257.2	264.3	266.6
-65°	141.9	155.2	168.4	180.3	191.1	200.7	210.2	219.3	228.1	234.4	237.5
-67.5°	122.5	132.1	142.7	153.0	163.7	173.7	182.2	190.2	197.8	203.1	206.4
-70°	103.8	113.0	122.9	132.7	142.0	150.1	156.9	163.5	169.9	174.7	178.2
-72.5°	86.0	93.7	102.0	110.6	119.2	126.5	132.7	138.6	144.2	148.2	151.5
-75°	69.8	76.2	83.2	90.1	97.1	102.9	108.1	113.2	118.1	121.7	124.7
-77.5°	55.4	60.8	66.2	71.7	77.2	81.4	85.2	89.0	92.6	95.4	98.0
-80°	41.0	45.3	49.6	54.0	58.3	61.5	64.4	67.2	69.7	71.4	72.9
-82.5°	28.0	31.0	34.0	37.1	40.2	42.6	44.9	47.1	49.3	50.1	50.7
-85°	17.9	19.3	20.9	22.6	24.4	25.7	26.9	28.1	29.3	30.3	31.3
-87.5°	9.9	10.2	10.5	10.7	11.0	11.9	12.8	13.8	14.7	14.8	15.0
-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: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.5	2.2	2.3	2.7
60°	10.4	9.2	9.0	9.1	9.0	9.2	10.4	11.1	11.1	13.0	13.5
57.5°	46.1	51.3	52.8	51.6	52.8	51.3	46.1	40.6	35.2	34.5	35.2
55°	67.2	68.8	69.6	69.8	69.6	68.8	67.2	64.5	60.6	56.8	53.7
52.5°	82.4	81.8	81.7	81.9	81.7	81.8	82.4	82.1	80.5	76.8	70.9
50°	123.8	121.6	120.7	121.4	120.7	121.6	123.8	123.3	116.9	105.7	96.8
47.5°	158.3	158.9	160.0	160.8	160.0	158.9	158.3	157.5	151.2	139.2	126.4
45°	184.8	186.4	187.5	188.1	187.5	186.4	184.8	182.3	173.7	161.1	146.8
42.5°	211.9	212.1	211.8	212.4	211.8	212.1	211.9	209.8	200.1	187.1	172.1
40°	250.1	251.0	250.1	248.8	250.1	251.0	250.1	246.9	238.9	222.8	205.9
37.5°	326.9	328.1	324.5	321.6	324.5	328.1	326.9	320.0	308.1	286.3	264.7
35°	452.1	465.1	471.3	473.3	471.3	465.1	452.1	434.6	415.3	394.2	343.7
32.5°	595.9	614.0	623.0	631.1	623.0	614.0	595.9	571.9	537.2	489.7	428.3
30°	802.0	835.3	849.9	870.7	849.9	835.3	802.0	760.1	696.3	620.8	534.2
27.5°	1138.1	1196.6	1229.0	1259.1	1229.0	1196.6	1138.1	1066.0	939.0	832.6	688.2
25°	1712.5	1825.2	1898.1	1932.6	1898.1	1825.2	1712.5	1566.5	1365.6	1173.7	936.9
22.5°	2664.1	2871.9	3032.1	3064.2	3032.1	2871.9	2664.1	2350.4	2026.1	1689.4	1325.2
20°	4141.8	4439.0	4680.9	4802.7	4680.9	4439.0	4141.8	3609.1	3059.9	2489.5	1954.0
17.5°	6865.2	7483.5	7765.9	7812.3	7765.9	7483.5	6865.2	5859.1	5014.4	4047.0	2979.4
15°	10916.8	11963.0	12627.2	13054.8	12627.2	11963.0	10916.8	9198.4	7596.9	6080.5	4416.8
12.5°	15539.6	18512.4	20204.0	20848.9	20204.0	18512.4	15539.6	12830.0	10227.0	7941.7	5858.3
10°	21813.7	28812.2	32849.2	34880.7	32849.2	28812.2	21813.7	17381.1	13220.0	9838.0	7069.5
7.5°	32462.3	43271.6	55247.9	60788.7	55247.9	43271.6	32462.3	22190.2	16367.7	11887.2	8426.2
5°	43656.5	67389.5	88220.0	98195.0	88220.0	67389.5	43656.5	29579.0	19711.5	13708.4	9614.2
2.5°	56522.6	88528.7	118120.9	130563.7	118120.9	88528.7	56522.6	34985.3	22183.6	14792.5	10286.3
0°	61474.3	98756.3	131120.3	143333.3	131120.3	98756.3	61474.3	36148.9	22629.8	15181.6	10409.3
-2.5°	57288.1	90079.2	118629.2	132584.2	118629.2	90079.2	57288.1	34849.4	22385.3	15167.0	10507.5
-5°	45518.3	67760.9	88904.9	100276.3	88904.9	67760.9	45518.3	30671.6	20460.0	14252.0	9957.7
-7.5°	33407.7	45516.2	57258.9	61365.1	57258.9	45516.2	33407.7	23624.6	17300.3	12586.6	9046.9
-10°	23259.1	30192.8	34769.9	36076.0	34769.9	30192.8	23259.1	18576.3	14279.4	10786.3	7844.3
-12.5°	17244.3	20277.1	22387.3	22754.2	22387.3	20277.1	17244.3	14347.1	11377.8	8924.6	6747.1
-15°	12769.0	14311.2	15399.6	15472.9	15399.6	14311.2	12769.0	11015.8	9029.5	7166.8	5420.1
-17.5°	9334.2	10369.4	10918.7	10879.5	10918.7	10369.4	9334.2	8080.2	6903.1	5485.0	4201.4
-20°	6674.5	7298.5	7741.1	7654.5	7741.1	7298.5	6674.5	5839.5	5026.3	4029.3	3182.2



REPORT NUMBER: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4653.9	5068.2	5327.5	5260.8	5327.5	5068.2	4653.9	4080.7	3517.3	2945.0	2325.6
-25°	3162.3	3388.0	3516.4	3495.0	3516.4	3388.0	3162.3	2835.5	2448.8	2100.5	1692.2
-27.5°	2154.9	2274.1	2313.9	2311.8	2313.9	2274.1	2154.9	1955.9	1689.7	1513.9	1299.1
-30°	1495.7	1575.8	1621.6	1592.8	1621.6	1575.8	1495.7	1392.6	1254.0	1141.0	1017.1
-32.5°	1114.8	1160.0	1186.1	1158.9	1186.1	1160.0	1114.8	1057.9	984.4	904.9	818.7
-35°	878.5	901.4	910.6	895.0	910.6	901.4	878.5	843.5	796.2	742.6	683.0
-37.5°	716.3	729.7	734.2	725.1	734.2	729.7	716.3	695.4	666.6	631.9	592.5
-40°	606.9	615.1	617.1	609.8	617.1	615.1	606.9	594.5	577.1	555.8	528.2
-42.5°	531.0	535.9	537.1	534.0	537.1	535.9	531.0	523.1	510.4	494.0	475.3
-45°	474.6	478.8	479.6	476.3	479.6	478.8	474.6	468.3	457.8	443.7	427.1
-47.5°	428.9	431.4	432.1	430.8	432.1	431.4	428.9	424.9	416.9	404.5	390.0
-50°	393.9	395.7	395.8	394.4	395.8	395.7	393.9	391.0	384.7	372.6	358.8
-52.5°	364.6	365.8	366.7	367.1	366.7	365.8	364.6	362.3	357.5	346.1	334.0
-55°	339.9	341.5	342.5	342.8	342.5	341.5	339.9	337.7	334.4	323.7	311.7
-57.5°	319.0	320.4	321.3	321.6	321.3	320.4	319.0	316.9	314.3	304.0	292.4
-60°	297.1	298.9	300.0	300.4	300.0	298.9	297.1	294.7	291.8	282.8	272.0
-62.5°	268.2	268.9	269.7	270.0	269.7	268.9	268.2	266.6	264.3	257.2	247.5
-65°	239.8	241.5	242.4	242.7	242.4	241.5	239.8	237.5	234.4	228.1	219.3
-67.5°	209.1	211.3	213.5	215.4	213.5	211.3	209.1	206.4	203.1	197.8	190.2
-70°	181.3	184.0	184.9	185.1	184.9	184.0	181.3	178.2	174.7	169.9	163.5
-72.5°	154.4	156.9	159.0	160.8	159.0	156.9	154.4	151.5	148.2	144.2	138.6
-75°	127.4	129.8	130.3	130.5	130.3	129.8	127.4	124.7	121.7	118.1	113.2
-77.5°	100.4	102.6	103.1	103.2	103.1	102.6	100.4	98.0	95.4	92.6	89.0
-80°	74.2	75.4	77.2	78.9	77.2	75.4	74.2	72.9	71.4	69.7	67.2
-82.5°	51.1	51.4	51.5	51.6	51.5	51.4	51.1	50.7	50.1	49.3	47.1
-85°	32.3	33.3	33.4	33.4	33.4	33.3	32.3	31.3	30.3	29.3	28.1
-87.5°	15.1	15.1	15.2	15.2	15.2	15.1	15.1	15.0	14.8	14.7	13.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
65°	0.7	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.8
62.5°	3.1	3.3	3.4	3.1	2.4	1.5	1.8	2.1	1.5	0.3	1.0
60°	11.4	7.3	10.3	11.3	10.0	7.2	7.3	6.8	5.6	4.5	3.0
57.5°	37.4	36.1	29.6	25.6	24.4	21.7	17.8	14.2	12.5	10.1	7.1
55°	51.6	49.5	45.9	41.0	35.6	34.0	30.9	26.5	22.2	17.2	14.0
52.5°	63.4	63.9	61.9	56.1	51.1	47.9	43.6	39.4	34.3	29.4	23.0
50°	90.6	87.1	83.8	80.4	72.7	65.2	59.9	54.2	46.8	41.3	35.8
47.5°	115.7	110.5	107.0	102.5	93.7	85.8	77.5	69.4	60.2	51.5	46.2
45°	137.1	129.6	122.9	117.4	109.8	100.7	93.3	84.3	73.8	63.8	54.4
42.5°	158.9	147.5	138.5	132.9	123.7	114.4	106.0	99.1	87.7	76.0	66.6
40°	187.8	165.1	156.7	154.5	145.7	130.9	123.8	116.2	104.1	88.9	79.5
37.5°	235.6	205.2	190.3	182.5	174.5	159.1	145.3	135.3	124.4	107.3	94.0
35°	303.2	267.6	235.1	218.3	208.9	187.9	169.7	156.0	143.0	126.8	109.6
32.5°	362.6	322.4	283.6	254.3	233.2	213.8	193.5	176.5	159.5	142.8	125.9
30°	449.2	382.1	328.6	287.3	260.2	236.1	214.6	194.1	174.8	157.3	140.3
27.5°	566.9	459.7	387.1	328.9	288.5	259.9	235.3	211.4	189.5	170.6	153.1
25°	740.0	568.6	460.0	381.5	322.9	286.2	258.2	230.6	204.9	183.4	168.6
22.5°	988.6	754.5	575.5	438.4	373.1	326.6	285.2	250.4	221.3	202.1	184.6
20°	1416.7	1010.0	745.4	569.4	449.1	374.4	317.8	277.0	247.2	222.5	200.8
17.5°	2148.5	1488.6	965.1	733.3	562.0	446.0	364.4	310.2	272.7	243.0	217.1
15°	3045.3	2042.9	1349.1	944.8	688.7	505.5	408.0	343.0	298.8	264.6	233.5
12.5°	3979.1	2570.5	1667.3	1105.4	779.4	569.0	453.9	380.5	324.8	280.1	244.3
10°	4790.4	3112.6	1987.9	1295.3	881.9	630.0	490.2	404.2	340.4	291.3	253.5
7.5°	5686.8	3667.0	2283.0	1434.2	966.6	678.9	514.7	420.1	353.2	300.6	261.1
5°	6350.9	4090.2	2532.6	1561.0	1030.2	716.2	533.8	431.4	363.3	308.1	267.1
2.5°	6796.4	4384.9	2689.3	1648.2	1069.6	744.7	549.2	442.1	371.1	315.6	273.8
0°	6935.5	4414.3	2809.4	1702.0	1095.2	770.6	561.3	452.1	376.2	321.6	279.1
-2.5°	6977.9	4464.9	2797.4	1713.8	1104.0	784.4	566.4	453.9	380.2	323.9	279.9
-5°	6700.8	4334.1	2734.7	1701.8	1097.4	784.2	574.9	457.2	382.4	324.7	279.3
-7.5°	6213.9	4051.3	2570.5	1624.7	1065.7	771.7	581.0	461.5	384.5	327.0	281.4
-10°	5473.4	3597.7	2315.2	1495.3	1012.7	747.7	575.4	459.2	383.2	326.6	281.9
-12.5°	4728.4	3089.6	1984.6	1314.1	926.3	703.4	553.8	449.8	378.4	323.3	280.6
-15°	3782.4	2586.0	1739.6	1189.8	848.4	655.6	526.4	435.1	370.2	317.2	277.4
-17.5°	3038.0	2097.8	1424.8	1020.5	773.3	613.7	505.1	423.1	360.7	311.1	273.1
-20°	2337.0	1652.3	1206.4	897.9	696.0	562.0	476.3	405.5	349.7	304.8	269.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1761.3	1338.1	1001.3	771.8	624.0	522.1	447.3	385.9	336.4	295.8	263.7
-25°	1368.4	1067.3	837.5	681.7	560.5	478.0	420.5	370.4	325.8	286.8	257.3
-27.5°	1082.2	866.6	718.7	597.9	509.0	448.2	398.8	354.3	314.4	280.0	250.8
-30°	876.3	736.4	622.4	531.8	468.5	417.6	377.8	340.6	303.7	271.3	243.8
-32.5°	717.9	631.8	546.2	481.2	428.6	389.6	357.2	325.8	290.8	262.3	236.5
-35°	614.7	552.1	491.3	439.5	395.1	365.4	336.5	307.2	278.6	252.2	228.2
-37.5°	542.9	491.8	446.0	404.2	371.2	343.2	317.9	292.0	266.0	241.8	219.6
-40°	486.9	443.5	407.4	375.6	349.1	325.2	302.2	278.2	255.2	230.8	210.4
-42.5°	441.2	407.0	375.7	351.3	328.8	308.4	288.2	267.3	244.7	221.6	200.0
-45°	403.5	376.6	350.4	328.7	309.6	292.4	276.9	256.1	233.9	210.9	188.9
-47.5°	371.9	349.6	327.7	307.6	291.8	277.0	262.0	243.6	220.3	198.6	179.9
-50°	343.8	325.9	307.3	288.8	274.9	261.3	245.5	226.3	206.3	188.4	170.8
-52.5°	321.2	305.0	288.9	273.3	259.8	245.5	228.5	211.9	194.9	178.1	161.9
-55°	298.4	285.2	272.3	259.4	246.7	231.9	216.3	199.8	183.1	167.4	150.8
-57.5°	280.4	268.3	256.6	245.0	233.6	219.0	203.1	187.0	169.7	153.8	138.2
-60°	261.2	250.7	239.2	227.9	217.1	204.2	186.9	170.3	154.4	139.3	124.3
-62.5°	237.4	227.2	217.2	206.3	194.9	182.1	166.5	151.1	137.3	124.2	110.7
-65°	210.2	200.7	191.1	180.3	168.4	155.2	141.9	130.6	120.0	108.9	97.0
-67.5°	182.2	173.7	163.7	153.0	142.7	132.1	122.5	112.9	103.0	92.7	82.1
-70°	156.9	150.1	142.0	132.7	122.9	113.0	103.8	94.9	85.7	77.1	68.9
-72.5°	132.7	126.5	119.2	110.6	102.0	93.7	86.0	78.7	71.5	64.4	57.1
-75°	108.1	102.9	97.1	90.1	83.2	76.2	69.8	63.9	57.8	51.6	45.4
-77.5°	85.2	81.4	77.2	71.7	66.2	60.8	55.4	50.0	45.0	40.3	36.0
-80°	64.4	61.5	58.3	54.0	49.6	45.3	41.0	37.4	33.9	30.8	27.8
-82.5°	44.9	42.6	40.2	37.1	34.0	31.0	28.0	25.8	23.6	21.6	19.5
-85°	26.9	25.7	24.4	22.6	20.9	19.3	17.9	16.7	15.4	14.1	12.8
-87.5°	12.8	11.9	11.0	10.7	10.5	10.2	9.9	9.0	8.1	7.3	6.4
-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: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.6	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.4	1.1	1.3	0.9
67.5°	0.0	0.0	0.0	0.6	1.0	0.9	0.2	0.5	1.2	1.9	1.7
65°	1.0	0.7	0.1	0.8	1.5	1.9	1.5	0.9	1.3	2.0	2.5
62.5°	1.8	2.3	1.7	1.2	1.7	2.4	2.8	1.9	1.6	2.1	2.8
60°	2.0	2.7	3.0	2.4	2.1	2.5	3.0	2.7	2.2	2.3	2.9
57.5°	5.3	3.4	3.4	3.2	2.7	2.8	3.0	3.0	2.7	2.5	3.0
55°	9.9	7.2	5.1	4.1	3.4	3.0	3.1	3.0	3.0	2.8	3.0
52.5°	17.2	12.5	9.2	6.2	4.6	3.4	3.4	3.0	3.0	2.9	3.0
50°	27.4	19.7	14.5	10.4	6.5	5.1	3.9	3.5	3.0	3.0	3.0
47.5°	40.1	29.5	21.1	15.2	10.7	6.9	5.4	4.2	3.0	3.0	3.0
45°	49.5	41.1	29.4	21.3	15.0	10.3	7.3	5.0	3.8	3.1	3.0
42.5°	58.8	51.2	40.0	27.2	20.6	14.3	9.3	6.7	4.6	3.3	3.1
40°	70.6	61.1	50.1	37.2	26.8	18.1	12.6	8.6	5.6	3.8	3.4
37.5°	82.7	72.1	60.2	46.7	33.8	24.0	16.0	10.6	7.0	4.9	3.7
35°	96.4	83.6	70.2	55.8	42.0	30.1	19.2	13.0	8.9	6.0	4.0
32.5°	110.2	94.7	79.4	64.7	49.8	36.3	23.8	16.2	10.8	7.2	4.5
30°	123.6	105.6	88.0	73.2	57.1	43.0	29.6	19.6	12.6	8.4	5.1
27.5°	135.7	116.3	96.2	80.7	64.5	49.2	35.4	23.3	14.3	9.8	6.0
25°	148.5	127.2	105.7	87.4	71.5	55.4	40.7	27.2	16.8	11.2	7.0
22.5°	162.9	138.2	114.8	93.5	78.8	61.6	45.9	31.9	19.9	12.6	8.0
20°	178.4	149.1	124.0	102.1	85.7	67.9	51.0	36.1	23.0	13.9	8.9
17.5°	194.3	161.1	135.0	111.9	92.5	73.8	55.9	40.0	26.1	15.1	9.9
15°	205.1	173.0	144.9	121.1	99.3	79.2	60.5	43.6	29.2	16.2	10.8
12.5°	214.1	183.3	153.7	129.6	106.0	84.2	64.8	46.8	32.2	17.8	11.7
10°	222.1	192.0	161.3	137.4	112.4	88.7	68.7	49.6	34.9	19.7	12.6
7.5°	229.0	199.2	167.9	144.4	118.6	93.3	72.0	52.0	37.3	21.7	13.4
5°	234.7	205.3	173.4	149.0	124.3	98.0	74.8	54.2	39.4	23.7	14.1
2.5°	239.3	211.0	178.1	152.2	129.3	102.4	77.1	56.0	41.1	25.6	14.7
0°	242.7	215.4	182.0	154.7	133.5	106.2	78.9	57.6	42.5	27.3	15.2
-2.5°	244.9	216.1	186.2	157.6	136.0	109.4	82.6	59.6	43.6	28.9	16.1
-5°	245.9	216.0	189.4	159.8	137.9	111.9	85.7	61.2	44.5	30.2	16.9
-7.5°	247.2	217.0	191.0	161.5	139.1	113.8	88.1	62.4	45.1	31.3	17.7
-10°	247.7	218.1	191.5	163.6	140.1	115.3	89.6	63.1	45.6	32.1	18.3
-12.5°	247.0	218.0	191.3	164.8	140.6	116.1	90.4	64.3	46.1	32.6	18.9
-15°	245.1	216.7	190.9	165.0	140.5	116.4	90.6	65.4	47.0	32.7	19.3
-17.5°	242.1	214.2	190.2	163.9	139.9	116.3	90.4	65.9	47.5	32.4	19.8
-20°	239.1	211.9	189.1	161.8	138.9	115.6	89.6	65.8	47.5	32.0	20.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	235.1	209.7	185.8	159.6	137.4	114.6	88.3	65.1	46.9	31.2	20.4
-25°	230.1	206.4	182.0	157.9	135.5	112.4	86.8	63.6	45.8	30.3	20.6
-27.5°	225.1	202.0	177.9	155.5	132.8	109.8	84.9	62.3	44.3	29.1	20.5
-30°	219.4	197.0	174.4	152.3	129.2	106.1	82.1	60.2	42.7	28.4	20.3
-32.5°	213.0	192.0	170.4	147.4	124.5	102.0	78.6	57.4	40.8	28.1	20.0
-35°	206.6	186.4	165.6	141.3	119.5	97.5	75.0	53.7	38.6	27.5	19.7
-37.5°	199.1	179.4	157.7	134.8	114.2	92.7	71.6	51.6	36.2	26.7	19.4
-40°	190.6	170.9	148.8	128.7	108.6	87.6	68.0	49.7	34.6	25.7	18.9
-42.5°	181.0	161.4	141.6	122.4	102.7	83.3	64.2	47.4	33.9	24.9	18.4
-45°	171.2	152.8	134.9	115.9	96.8	78.8	61.1	44.8	32.9	24.2	17.8
-47.5°	162.0	145.5	127.6	108.9	91.6	74.2	57.4	43.1	31.4	23.3	17.2
-50°	154.3	137.4	119.5	101.9	85.6	69.5	53.6	40.8	30.3	22.4	16.5
-52.5°	145.3	128.3	110.8	94.1	79.1	64.2	50.3	38.1	28.6	21.3	15.6
-55°	134.6	117.8	101.1	86.4	72.4	59.2	46.5	35.4	26.4	20.1	14.6
-57.5°	122.2	105.9	92.1	78.8	65.6	53.6	42.2	32.1	24.5	18.6	13.4
-60°	109.4	96.2	83.6	70.6	58.5	47.6	37.4	28.7	22.6	17.1	12.1
-62.5°	98.0	85.9	73.5	61.7	51.1	41.3	32.5	26.2	20.4	15.3	10.7
-65°	85.3	73.8	62.8	53.0	43.6	35.4	29.1	23.4	18.1	13.4	9.4
-67.5°	71.6	62.4	53.1	44.2	37.3	31.2	25.6	20.4	15.6	11.3	8.6
-70°	60.5	51.9	44.3	38.0	32.2	26.8	21.8	17.2	13.0	10.2	7.8
-72.5°	49.9	43.3	37.3	31.9	26.9	22.2	17.9	14.1	11.3	8.9	6.9
-75°	39.8	35.0	30.2	25.6	21.4	17.5	14.7	11.9	9.5	7.5	6.0
-77.5°	31.8	27.6	23.2	19.9	17.3	14.7	12.1	9.5	7.9	6.5	5.2
-80°	24.5	21.5	18.9	16.7	14.3	11.9	9.8	8.0	6.8	5.6	4.3
-82.5°	17.6	16.1	14.7	13.4	11.5	9.8	8.2	6.8	5.7	4.6	3.4
-85°	12.0	11.3	10.6	10.0	8.7	7.6	6.3	5.1	4.1	3.1	2.3
-87.5°	6.1	5.8	5.5	5.2	4.5	3.8	3.2	2.6	2.0	1.6	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627028 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.1	0.4	0.0
72.5°	0.2	0.5	0.3	0.0	0.1	0.5	0.0
70°	0.3	0.7	0.6	0.1	0.1	0.5	0.0
67.5°	1.1	0.9	0.9	0.4	0.2	0.6	0.0
65°	1.7	1.3	1.2	0.7	0.2	0.7	0.0
62.5°	2.4	1.7	1.5	1.0	0.3	0.8	0.0
60°	2.9	2.1	1.9	1.3	0.4	0.9	0.0
57.5°	3.0	2.4	2.1	1.6	0.7	0.9	0.0
55°	3.0	2.8	2.3	1.9	0.9	1.0	0.0
52.5°	3.0	3.0	2.5	2.2	1.1	1.1	0.0
50°	3.0	3.0	2.6	2.6	1.4	1.2	0.0
47.5°	3.0	3.0	2.8	2.8	1.6	1.3	0.0
45°	3.0	3.0	2.9	2.9	1.8	1.4	0.0
42.5°	3.0	3.0	3.0	3.0	1.9	1.5	0.0
40°	3.0	3.0	3.0	3.0	2.1	1.6	0.0
37.5°	3.0	3.0	3.0	3.0	2.2	1.7	0.0
35°	3.0	3.0	3.0	3.0	2.4	1.8	0.0
32.5°	3.1	3.0	3.0	3.0	2.5	1.8	0.0
30°	3.4	3.0	3.0	3.0	2.6	1.9	0.0
27.5°	3.8	3.0	3.0	3.0	2.7	2.0	0.0
25°	4.1	3.0	3.0	3.0	2.8	2.1	0.0
22.5°	4.5	3.1	3.0	3.0	2.8	2.2	0.0
20°	4.9	3.3	3.0	3.0	2.9	2.3	0.0
17.5°	5.5	3.6	3.0	3.0	2.9	2.4	0.0
15°	6.1	3.9	3.0	3.0	2.9	2.5	0.0
12.5°	6.7	4.2	3.0	3.0	3.0	2.6	0.0
10°	7.2	4.6	3.0	3.0	3.0	2.7	0.0
7.5°	7.7	5.0	3.0	3.0	3.0	2.8	0.0
5°	8.2	5.4	3.0	3.0	3.0	2.9	0.0
2.5°	8.7	5.7	3.0	3.0	3.0	2.9	0.0
0°	9.1	6.1	3.0	3.0	3.0	3.0	0.0
-2.5°	9.9	6.4	3.3	3.0	3.0	3.0	0.0
-5°	10.6	6.7	3.5	3.0	3.0	3.0	0.0
-7.5°	11.3	7.0	3.8	3.0	3.0	3.0	0.0
-10°	11.9	7.2	4.0	3.0	3.0	3.0	0.0
-12.5°	12.4	7.4	4.2	3.0	3.0	2.9	0.0
-15°	12.8	7.5	4.4	3.0	3.0	2.9	0.0
-17.5°	13.1	7.7	4.5	3.0	3.0	2.9	0.0
-20°	13.2	7.8	4.6	3.0	3.0	2.8	0.0

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CATALOG NUMBER: GFLD-SA2E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.4	7.9	4.7	3.0	3.0	2.8	0.0
-25°	13.5	8.1	4.6	3.0	3.0	2.7	0.0
-27.5°	13.5	8.3	4.6	3.0	3.0	2.7	0.0
-30°	13.4	8.4	4.5	3.0	3.0	2.6	0.0
-32.5°	13.2	8.5	4.4	3.0	3.0	2.5	0.0
-35°	13.2	8.5	4.4	3.0	3.0	2.5	0.0
-37.5°	13.1	8.4	4.3	3.0	3.0	2.4	0.0
-40°	13.0	8.2	4.1	3.0	3.0	2.3	0.0
-42.5°	12.7	7.9	4.1	3.0	3.0	2.2	0.0
-45°	12.3	7.6	4.2	3.1	3.0	2.1	0.0
-47.5°	11.9	7.2	4.2	3.2	3.0	2.0	0.0
-50°	11.2	6.7	4.3	3.2	3.0	1.9	0.0
-52.5°	10.5	6.2	4.3	3.2	3.0	1.8	0.0
-55°	9.7	6.0	4.3	3.3	3.0	1.7	0.0
-57.5°	8.8	5.9	4.2	3.3	3.0	1.6	0.0
-60°	7.9	5.7	4.1	3.2	3.0	1.5	0.0
-62.5°	7.5	5.4	4.0	3.2	2.8	1.4	0.0
-65°	7.0	5.2	3.9	3.1	2.5	1.3	0.0
-67.5°	6.5	4.8	3.7	3.1	2.3	1.1	0.0
-70°	5.9	4.5	3.5	3.0	2.0	1.0	0.0
-72.5°	5.3	4.1	3.3	2.7	1.8	0.9	0.0
-75°	4.6	3.6	3.0	2.3	1.6	0.8	0.0
-77.5°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
-80°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)