

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: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1D-740-U-VWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

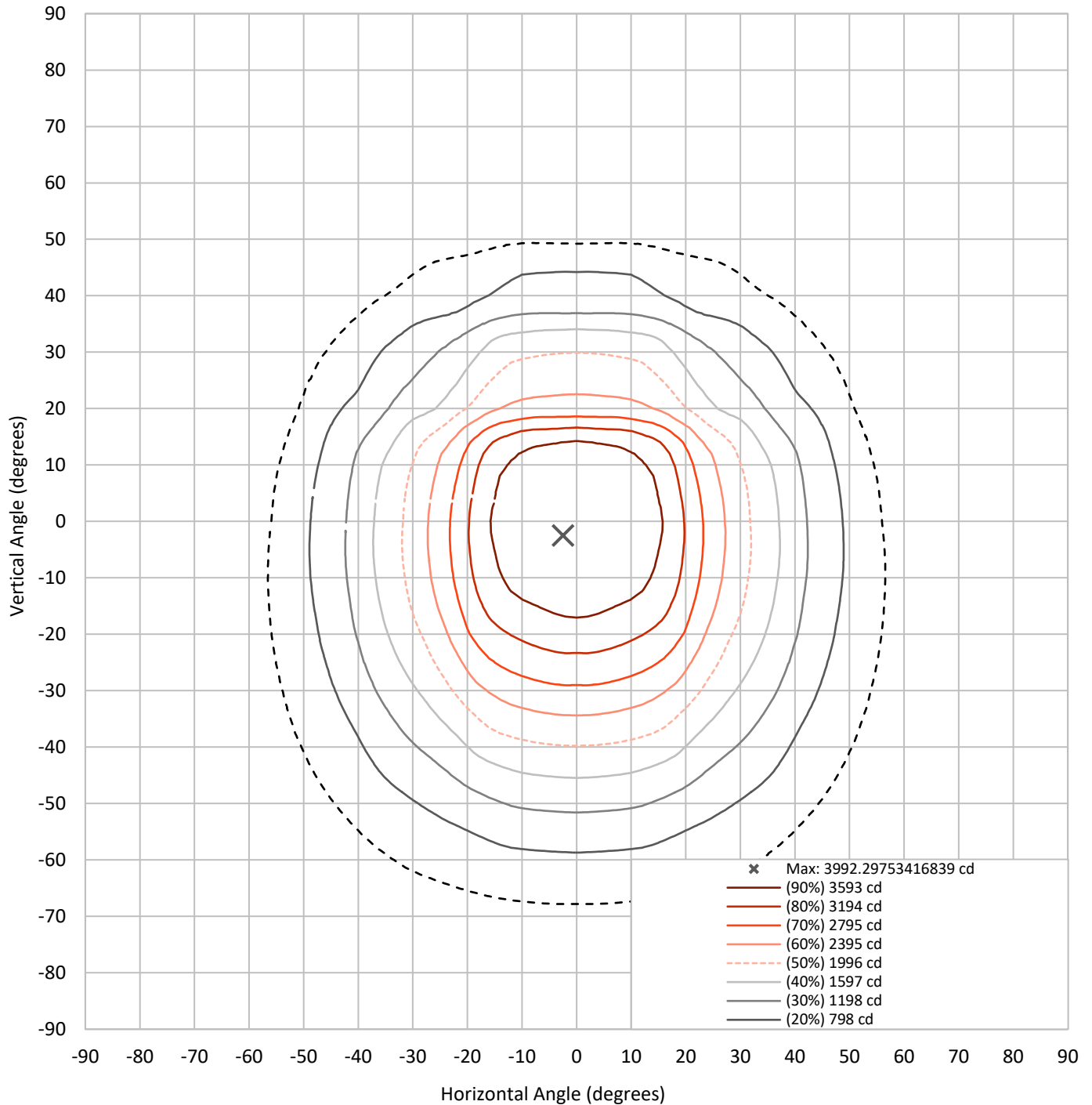
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5327.9 lumens	Max Intensity:	3992.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	93.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	3082.5 lumens	Field Lumens:	5055.8 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	57.3		
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		



REPORT NUMBER: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





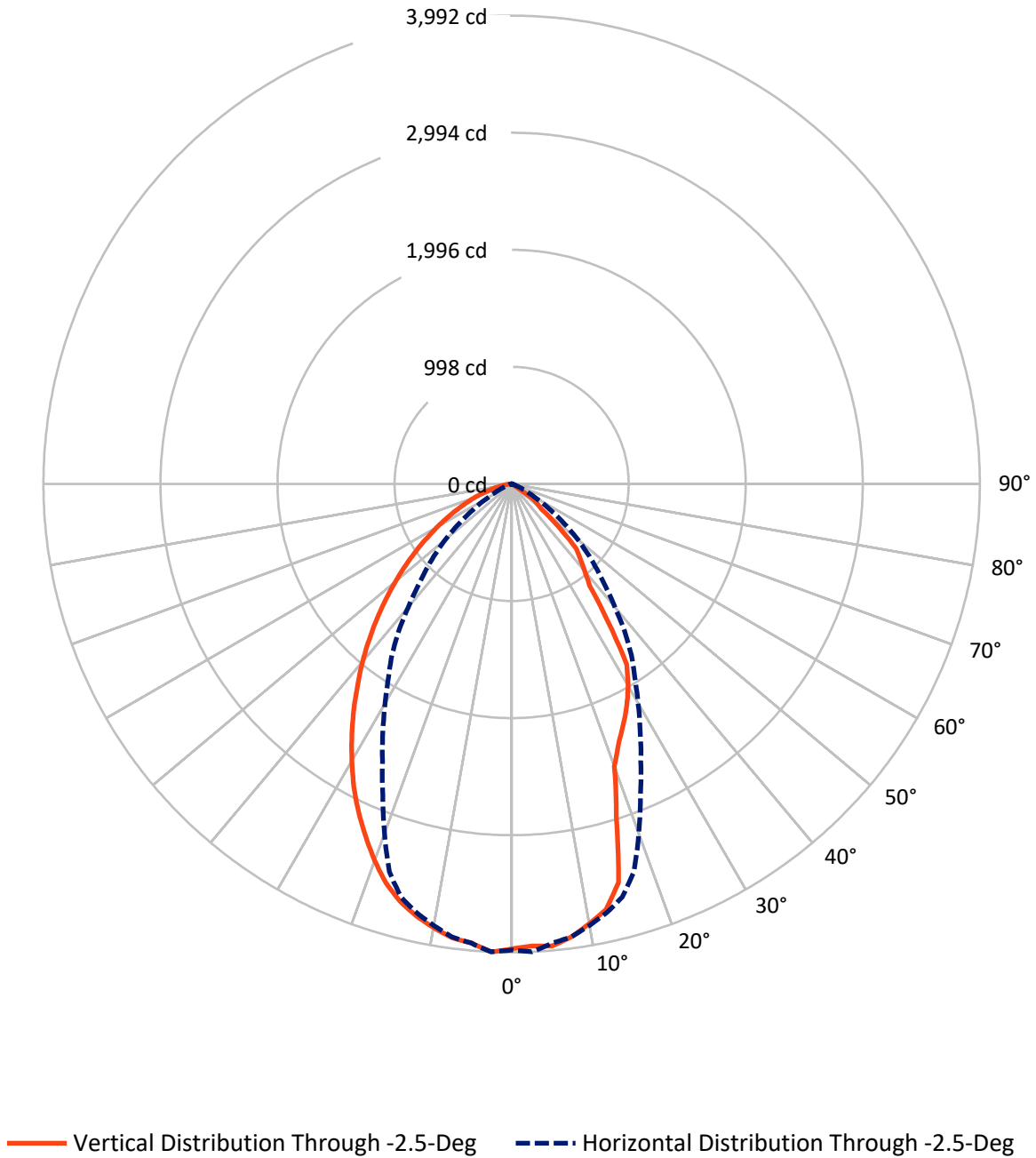
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### Lumen Table

90																			
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70																			
60	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50		0.0	0.1	0.5	1.5	2.8	4.2	5.2	5.2	4.2	2.8	1.5	0.5	0.1					0.0
40	0.1	0.1	0.6	2.7	6.6	11.9	17.6	21.5	21.5	17.6	11.9	6.6	2.7	0.6	0.1	0.1	0.1	0.1	
30		0.3	2.0	6.9	15.4	25.0	37.5	43.9	43.9	37.5	25.0	15.4	6.9	2.0	0.3				
20	0.2	0.6	3.8	12.3	24.9	39.4	59.2	68.0	68.0	59.2	39.4	24.9	12.3	3.8	0.6	0.2	0.2	0.2	
10		1.0	5.9	18.1	35.8	59.0	87.8	100.7	100.7	87.8	59.0	35.8	18.1	5.9	1.0				
0	0.3	1.4	7.6	21.6	42.9	70.5	103.7	117.7	117.7	103.7	70.5	42.9	21.6	7.6	1.4	0.3	0.3	0.3	
-10		1.6	8.4	22.4	44.0	72.1	104.5	118.1	118.1	104.5	72.1	44.0	22.4	8.4	1.6				
-20	0.3	1.7	8.2	21.2	41.5	67.5	97.0	109.5	109.5	97.0	67.5	41.5	21.2	8.2	1.7	0.3	0.3	0.3	
-30		1.6	7.2	18.5	35.9	57.4	81.3	92.1	92.1	81.3	57.4	35.9	18.5	7.2	1.6				
-40	0.3	1.3	5.7	14.5	28.2	44.3	62.1	70.3	70.3	62.1	44.3	28.2	14.5	5.7	1.3	0.3	0.3	0.3	
-50		1.0	4.2	10.4	20.2	31.1	43.0	48.8	48.8	43.0	31.1	20.2	10.4	4.2	1.0				
-60	0.3	0.8	2.8	6.7	12.6	19.3	26.3	29.9	29.9	26.3	19.3	12.6	6.7	2.8	0.8	0.3	0.3	0.3	
-70		0.6	1.7	3.9	6.9	10.3	13.6	15.4	15.4	13.6	10.3	6.9	3.9	1.7	0.6				
-80	0.1	1.2	5.7	12.5	14.0	12.5	5.7	1.2	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

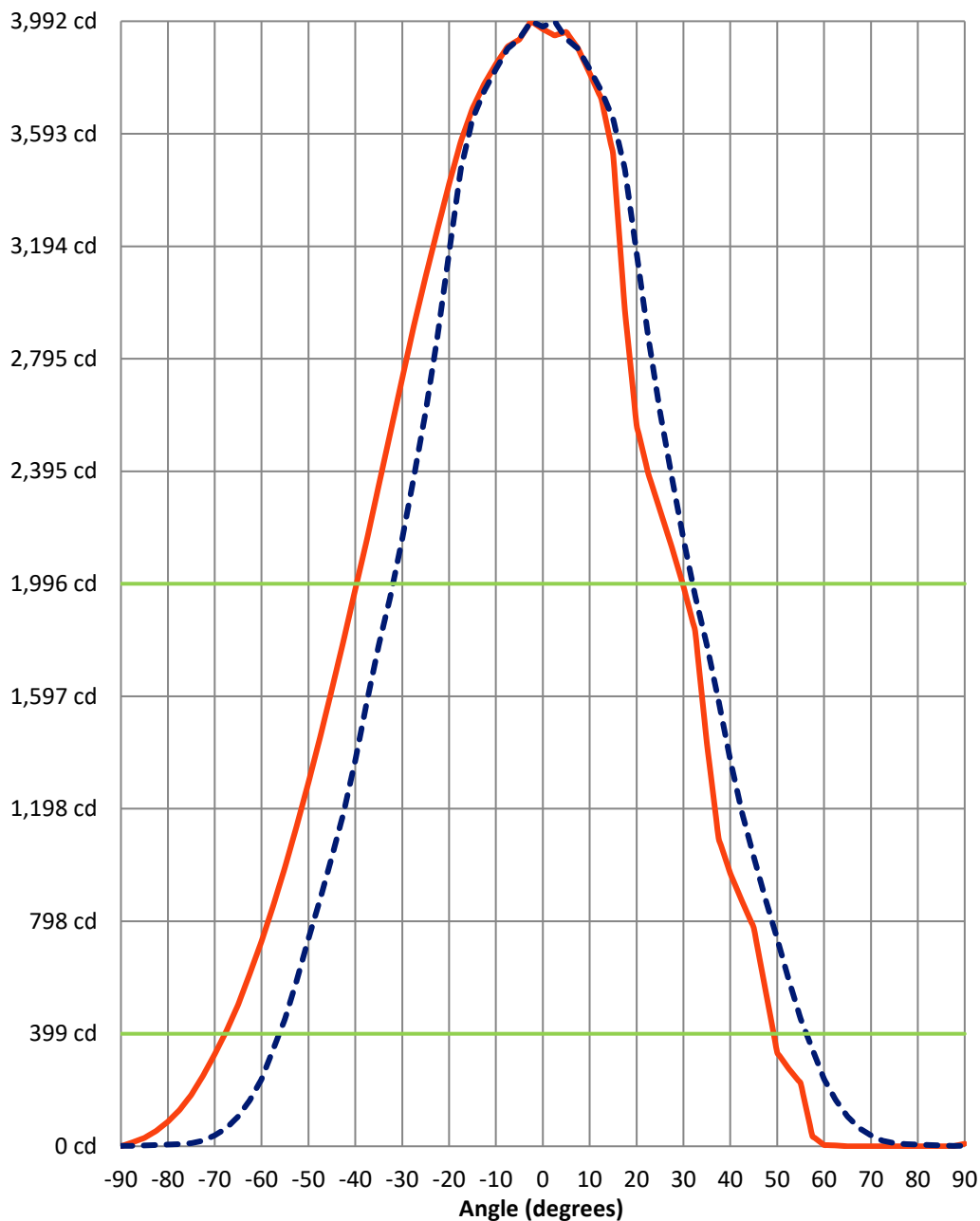
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 3082.5  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 5055.8  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 272.1  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - - Horizontal Distribution through -2.5-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°	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.1	4.5
87.5°	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.2	0.0
85°	1.5	1.5	1.5	1.4	1.2	1.0	0.7	0.5	0.2	0.1	0.0
82.5°	1.5	1.5	1.5	1.4	1.1	0.8	0.4	0.1	0.0	0.2	0.4
80°	1.5	1.5	1.5	1.3	1.0	0.6	0.1	0.3	0.5	0.8	1.0
77.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.5	0.7	1.0	1.4	1.4
75°	1.5	1.5	1.5	1.2	0.8	0.7	0.8	1.2	1.5	1.2	0.8
72.5°	1.5	1.5	1.5	1.2	1.0	1.0	1.2	1.5	1.3	0.9	0.3
70°	1.5	1.5	1.5	1.2	1.1	1.2	1.5	1.4	1.1	0.6	0.7
67.5°	1.5	1.5	1.5	1.3	1.2	1.4	1.5	1.4	1.0	1.2	1.3
65°	1.5	1.5	1.5	1.3	1.3	1.6	1.6	1.4	1.5	1.7	1.8
62.5°	1.5	1.5	1.5	1.3	1.4	1.7	1.7	1.7	2.0	2.3	2.1
60°	1.5	1.5	1.5	1.4	1.5	1.8	1.8	2.1	2.5	2.6	2.3
57.5°	1.5	1.5	1.5	1.4	1.6	1.9	2.1	2.6	3.0	3.0	2.9
55°	1.5	1.5	1.5	1.5	1.8	2.1	2.5	3.0	3.4	3.5	3.6
52.5°	1.5	1.5	1.6	1.5	2.0	2.3	2.9	3.5	3.9	4.1	4.4
50°	1.5	1.5	1.6	1.5	2.1	2.6	3.3	3.9	4.4	4.8	5.1
47.5°	1.5	1.5	1.6	1.5	2.3	2.9	3.6	4.3	5.0	5.4	5.8
45°	1.5	1.5	1.7	1.7	2.5	3.2	4.0	4.7	5.5	6.0	6.5
42.5°	1.5	1.5	1.7	1.8	2.7	3.5	4.3	5.2	6.1	6.6	7.8
40°	1.5	1.5	1.8	2.0	2.9	3.8	4.6	5.7	6.7	7.3	9.3
37.5°	1.5	1.5	1.8	2.2	3.1	4.0	5.0	6.2	7.3	8.2	10.8
35°	1.5	1.5	1.9	2.4	3.3	4.3	5.3	6.7	7.9	10.1	13.8
32.5°	1.5	1.5	2.0	2.6	3.5	4.5	5.6	7.3	8.6	12.3	19.7
30°	1.5	1.5	2.0	2.8	3.7	4.8	6.1	7.8	9.3	14.8	25.4
27.5°	1.5	1.5	2.1	2.9	3.9	5.0	6.5	8.4	10.6	17.6	30.9
25°	1.5	1.5	2.2	3.1	4.2	5.2	6.9	9.0	12.7	21.6	36.4
22.5°	1.5	1.5	2.3	3.3	4.4	5.5	7.4	9.6	15.0	26.1	43.5
20°	1.5	1.5	2.4	3.5	4.6	5.7	7.8	10.2	17.3	30.4	50.7
17.5°	1.5	1.5	2.5	3.6	4.8	6.0	8.2	10.7	19.7	34.4	57.7
15°	1.5	1.5	2.5	3.8	5.0	6.3	8.6	11.5	22.1	38.2	64.5
12.5°	1.5	1.5	2.6	3.9	5.2	6.5	9.0	12.5	24.8	41.6	71.0
10°	1.5	1.5	2.7	4.0	5.4	6.7	9.3	13.6	27.7	45.7	77.6
7.5°	1.5	1.5	2.8	4.2	5.6	6.9	9.6	14.7	30.4	49.6	84.4
5°	1.5	1.5	2.9	4.3	5.7	7.1	9.9	15.8	32.9	53.3	90.7
2.5°	1.5	1.5	2.9	4.4	5.9	7.3	10.2	16.9	35.2	56.6	96.4
0°	1.5	1.5	3.0	4.5	6.0	7.5	10.4	17.9	37.3	59.6	101.3
-2.5°	1.5	1.5	3.0	4.5	6.0	7.5	10.4	17.9	37.3	59.6	101.3
-5°	1.5	1.5	3.0	4.5	6.2	7.8	11.5	21.4	40.0	68.5	109.4
-7.5°	1.5	1.5	3.0	4.5	6.3	7.9	12.0	22.8	40.9	71.8	112.2
-10°	1.5	1.5	3.0	4.4	6.4	8.0	12.4	24.0	41.6	74.3	114.3
-12.5°	1.5	1.5	2.9	4.4	6.4	8.1	12.7	24.9	42.0	75.6	116.0
-15°	1.5	1.5	2.9	4.3	6.5	8.2	12.9	25.5	42.9	75.4	116.6
-17.5°	1.5	1.5	2.9	4.3	6.5	8.2	12.9	26.0	44.2	74.6	115.8
-20°	1.5	1.5	2.8	4.2	6.4	8.3	13.2	26.5	45.0	73.3	113.7

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1.5	1.5	2.8	4.2	6.3	8.3	14.1	26.8	45.4	71.3	110.1
-25°	1.5	1.5	2.7	4.1	6.2	8.9	14.8	26.7	45.2	68.8	104.9
-27.5°	1.5	1.5	2.7	4.0	6.1	9.6	15.3	26.3	44.6	66.6	101.2
-30°	1.5	1.5	2.6	3.9	5.9	10.2	15.7	25.5	43.8	65.7	96.9
-32.5°	1.5	1.5	2.5	3.8	6.1	10.7	15.9	25.6	42.7	64.0	92.2
-35°	1.5	1.5	2.5	3.7	6.3	11.1	16.3	25.7	41.2	61.7	86.9
-37.5°	1.5	1.5	2.4	3.6	6.4	11.3	16.8	25.6	39.3	58.7	84.5
-40°	1.5	1.5	2.3	3.4	6.4	11.4	17.1	25.3	37.0	55.8	81.8
-42.5°	1.5	1.5	2.2	3.4	6.5	11.4	17.2	24.7	35.6	53.5	77.8
-45°	1.5	1.5	2.1	3.4	6.5	11.3	17.1	24.2	34.7	50.6	72.7
-47.5°	1.5	1.5	2.0	3.4	6.5	11.2	16.8	23.9	33.4	47.2	68.6
-50°	1.5	1.5	1.9	3.3	6.3	10.9	16.5	23.3	32.5	46.0	63.8
-52.5°	1.5	1.5	1.8	3.3	6.1	10.5	16.0	22.5	31.6	44.4	58.7
-55°	1.5	1.5	1.7	3.2	5.9	10.1	15.4	21.5	30.6	42.4	56.3
-57.5°	1.5	1.5	1.6	3.0	5.5	9.6	14.8	20.6	29.2	40.3	53.4
-60°	1.5	1.5	1.5	2.9	5.2	8.9	13.9	19.5	27.4	37.8	50.0
-62.5°	1.5	1.5	1.5	2.8	4.9	8.1	12.8	18.2	25.1	34.8	46.1
-65°	1.5	1.5	1.5	2.6	4.6	7.3	11.5	16.5	22.3	30.9	41.7
-67.5°	1.5	1.5	1.5	2.4	4.2	6.5	10.1	14.4	19.1	26.3	35.8
-70°	1.5	1.5	1.5	2.2	3.8	5.9	8.6	12.3	16.4	21.2	28.9
-72.5°	1.5	1.5	1.5	2.1	3.4	5.3	7.6	10.0	13.5	17.5	22.1
-75°	1.5	1.5	1.5	2.1	3.0	4.6	6.6	8.5	10.5	13.8	17.6
-77.5°	1.5	1.5	1.5	2.1	2.8	3.9	5.6	7.1	8.7	10.5	12.9
-80°	1.5	1.5	1.5	2.0	2.7	3.5	4.6	5.8	7.1	8.5	9.9
-82.5°	1.5	1.5	1.5	2.0	2.6	3.3	4.1	4.7	5.3	6.4	7.5
-85°	1.5	1.5	1.5	2.0	2.5	3.1	3.8	4.3	4.8	5.3	5.8
-87.5°	1.5	1.5	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7	5.1
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.7	0.4	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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.9	5.3	5.6
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°	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.9	0.6	0.2	0.0	0.1	0.2	0.2	0.0	0.1	0.2
67.5°	1.4	1.0	0.7	0.4	0.6	0.8	0.7	0.8	0.8	0.9	0.8
65°	1.5	1.1	1.1	1.3	1.5	1.6	1.7	1.9	1.6	1.4	1.4
62.5°	1.6	1.7	1.9	2.2	2.4	2.6	2.6	2.3	1.8	2.2	2.5
60°	2.2	2.5	2.8	3.1	3.4	3.5	3.4	3.4	3.8	4.4	8.4
57.5°	3.0	3.2	3.6	4.1	4.5	4.5	4.7	5.1	11.8	19.3	21.3
55°	3.8	4.0	4.6	5.3	5.8	5.7	8.2	17.2	26.0	36.0	39.7
52.5°	4.6	4.9	6.0	6.8	7.4	11.5	20.7	33.0	46.0	57.5	72.3
50°	5.3	6.4	7.5	8.8	14.0	24.7	38.2	55.0	74.6	92.9	111.8
47.5°	6.7	8.0	9.7	13.9	27.6	42.5	61.2	88.2	112.3	134.5	160.4
45°	8.2	11.0	12.9	27.4	43.4	62.7	94.3	127.3	149.1	178.9	224.6
42.5°	9.8	15.2	24.6	41.5	61.0	92.0	131.1	159.3	188.4	236.6	284.6
40°	14.1	20.4	37.1	57.2	81.9	127.1	167.3	199.2	238.8	292.3	342.5
37.5°	19.3	31.2	49.9	73.9	114.7	164.3	207.3	252.8	298.4	348.9	442.0
35°	25.2	41.2	66.1	98.5	147.6	205.5	256.8	307.6	360.2	459.6	551.9
32.5°	32.7	50.4	83.0	127.1	183.1	246.7	306.2	365.0	449.4	561.8	654.5
30°	40.9	65.2	102.5	153.6	216.6	284.4	356.0	427.2	538.8	631.8	732.4
27.5°	49.5	80.8	125.3	181.2	247.9	320.0	400.8	502.3	601.8	693.8	804.3
25°	58.2	97.0	146.2	207.6	278.7	358.4	451.4	575.0	652.9	754.5	869.8
22.5°	69.5	112.6	166.9	231.6	307.2	398.0	516.5	640.6	732.3	817.8	930.3
20°	82.5	130.1	189.4	261.6	335.2	436.5	581.2	711.8	819.6	917.5	1020.9
17.5°	94.6	146.5	213.5	292.3	375.8	486.0	644.7	789.2	907.9	1016.9	1146.1
15°	105.9	161.6	237.0	321.3	415.8	542.7	701.6	860.4	995.9	1118.6	1265.3
12.5°	116.1	175.5	259.7	348.4	453.5	591.5	749.5	904.4	1053.3	1213.2	1379.7
10°	125.4	187.9	281.2	373.4	488.4	632.8	789.0	941.1	1091.4	1260.5	1445.6
7.5°	135.4	199.5	300.7	396.2	520.2	667.0	820.5	970.5	1122.1	1298.4	1488.4
5°	144.6	210.2	316.1	412.5	544.7	693.6	844.3	992.9	1145.4	1326.6	1520.8
2.5°	152.6	219.2	328.7	425.4	562.9	713.2	859.7	1011.5	1162.7	1349.5	1545.5
0°	159.5	226.5	338.3	435.2	576.7	727.3	868.8	1023.8	1172.9	1365.1	1561.8
-2.5°	163.9	238.5	344.9	452.3	588.7	736.5	877.0	1027.2	1183.8	1370.0	1580.1
-5°	166.9	248.1	348.9	465.5	596.6	740.5	879.7	1024.6	1186.7	1368.8	1582.8
-7.5°	168.7	255.0	350.7	473.0	599.4	738.1	875.1	1019.5	1181.9	1364.1	1571.0
-10°	169.7	257.1	353.2	470.7	595.7	730.1	865.0	1007.7	1168.4	1348.9	1548.5
-12.5°	172.5	255.8	352.8	465.7	587.9	718.0	850.1	989.0	1145.9	1322.9	1517.4
-15°	173.3	252.7	348.6	458.4	575.9	702.2	830.5	963.3	1118.1	1297.5	1483.0
-17.5°	171.7	248.1	340.3	449.0	559.9	683.1	807.5	940.1	1092.0	1268.3	1446.9
-20°	167.7	242.1	327.9	437.8	540.8	661.8	784.4	915.8	1062.1	1227.8	1406.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	161.2	234.8	314.4	422.4	524.4	637.4	757.3	882.8	1024.5	1175.2	1352.2
-25°	154.4	226.6	303.8	401.0	504.6	608.9	726.3	842.3	980.5	1128.4	1285.5
-27.5°	148.0	215.2	292.7	377.7	481.4	578.4	691.1	804.3	930.9	1075.9	1220.5
-30°	139.7	202.8	279.2	355.3	453.5	549.8	651.9	763.3	877.1	1014.7	1157.0
-32.5°	132.3	189.9	263.9	338.1	423.6	517.5	609.6	715.8	826.9	944.2	1084.8
-35°	127.3	182.3	247.6	318.4	393.1	482.3	570.0	662.3	769.8	879.9	1003.4
-37.5°	123.3	173.6	230.4	297.8	368.9	445.5	527.6	612.4	706.3	817.3	933.4
-40°	117.1	163.7	217.7	278.1	340.9	410.5	486.7	563.5	644.9	753.4	867.9
-42.5°	109.0	154.2	205.8	256.7	314.1	377.7	445.4	517.7	595.9	690.1	795.4
-45°	102.8	142.0	192.5	238.1	285.6	343.8	407.4	472.9	546.6	627.5	722.1
-47.5°	94.9	128.8	175.1	217.8	259.5	309.2	367.4	429.4	494.7	567.6	645.1
-50°	86.4	117.7	153.8	195.4	235.2	276.5	326.1	383.5	442.7	506.2	575.4
-52.5°	80.0	104.7	137.7	172.3	210.3	247.7	289.9	339.1	392.1	445.2	506.0
-55°	72.8	95.2	122.4	153.4	185.8	220.4	258.8	301.9	345.1	393.9	442.4
-57.5°	67.7	86.1	109.6	136.6	165.6	195.1	231.4	267.8	307.7	348.1	388.3
-60°	63.8	78.2	97.7	121.4	147.3	174.9	204.7	238.3	272.7	305.6	340.4
-62.5°	59.2	71.8	87.0	106.4	129.8	153.7	179.9	208.8	239.9	267.6	294.6
-65°	53.3	64.2	77.3	93.1	111.5	131.7	154.0	178.3	205.2	227.7	249.8
-67.5°	46.5	55.7	66.7	79.6	94.9	110.7	127.1	147.7	169.5	187.8	205.8
-70°	38.0	46.6	55.5	66.0	78.1	91.4	105.9	120.8	135.7	150.7	167.1
-72.5°	29.1	36.8	44.5	52.0	61.6	72.5	84.3	96.8	109.8	122.6	135.1
-75°	22.2	27.2	33.9	40.6	47.3	54.4	62.4	72.3	84.5	96.9	108.3
-77.5°	16.7	21.0	25.4	30.1	34.3	39.5	45.3	51.5	61.5	73.0	84.6
-80°	12.1	14.6	18.1	21.9	24.8	27.8	30.8	33.9	41.4	50.6	60.5
-82.5°	9.0	10.7	12.7	14.9	16.3	17.8	19.4	21.5	27.0	33.2	39.8
-85°	6.2	6.7	7.8	9.0	9.8	10.7	11.5	12.4	15.4	18.7	22.3
-87.5°	5.4	5.6	5.9	6.2	6.3	6.4	6.5	6.6	7.6	8.6	9.7
-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: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.0	6.4	6.8	7.1	7.5	7.9	8.2	8.6	8.9	8.9	8.9
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.5	1.1	0.7	0.4	0.6	0.9	1.1	1.1	1.0	0.8
62.5°	2.4	2.2	2.0	2.3	2.7	3.2	3.0	2.9	2.7	2.5	2.6
60°	8.8	5.9	6.8	8.6	8.0	5.5	9.0	10.2	8.7	6.0	5.8
57.5°	22.3	21.6	24.7	36.1	39.7	36.2	43.3	52.5	52.2	45.0	44.8
55°	47.6	63.9	83.5	86.7	100.3	127.7	149.0	139.7	139.6	146.6	169.3
52.5°	90.4	105.8	111.5	126.7	155.3	176.0	189.3	203.1	218.2	233.6	249.2
50°	132.7	147.6	164.5	180.1	219.6	240.9	237.3	265.9	302.4	325.3	337.0
47.5°	194.6	218.1	253.8	309.9	339.4	360.7	387.2	419.6	461.4	518.2	561.9
45°	267.5	304.4	359.8	419.3	465.1	485.9	516.3	566.3	633.1	698.1	745.5
42.5°	327.1	377.8	440.2	497.1	534.4	568.6	607.9	650.2	726.6	796.0	850.9
40°	404.9	444.4	514.4	568.0	601.4	635.3	697.6	760.8	832.7	897.4	942.4
37.5°	503.5	547.9	620.7	681.3	713.5	725.5	831.4	919.4	977.9	1060.4	1087.4
35°	609.4	682.5	775.3	853.9	885.4	948.4	1057.5	1180.3	1313.4	1362.3	1404.0
32.5°	727.6	817.7	943.6	1028.0	1073.0	1168.6	1306.7	1437.7	1611.7	1706.1	1734.3
30°	835.6	939.1	1047.4	1129.3	1206.3	1321.4	1447.3	1608.9	1769.8	1890.5	1928.0
27.5°	914.9	1029.5	1133.5	1210.3	1297.1	1421.2	1578.2	1741.9	1899.8	2023.0	2066.7
25°	990.7	1120.1	1202.5	1291.7	1393.7	1529.0	1703.0	1884.8	2040.3	2144.4	2198.1
22.5°	1076.8	1204.4	1292.8	1368.4	1501.8	1657.7	1819.2	2024.6	2189.4	2272.4	2330.6
20°	1165.7	1310.1	1446.6	1517.0	1632.4	1829.8	2010.5	2204.5	2363.6	2450.2	2511.5
17.5°	1289.7	1473.7	1641.2	1740.9	1864.5	2100.4	2326.0	2522.2	2743.5	2821.7	2896.6
15°	1420.5	1633.4	1829.7	1987.5	2147.2	2380.9	2671.3	2908.1	3160.6	3273.4	3400.9
12.5°	1550.8	1752.4	1930.2	2133.8	2358.8	2565.5	2842.0	3136.8	3366.0	3509.9	3595.7
10°	1648.3	1835.4	2006.6	2210.7	2435.2	2669.1	2943.8	3246.1	3486.0	3608.7	3678.8
7.5°	1700.9	1880.0	2060.5	2267.3	2490.9	2740.0	3023.0	3322.9	3568.3	3687.2	3756.3
5°	1740.0	1912.0	2098.9	2316.6	2542.6	2795.2	3077.9	3374.2	3597.9	3724.2	3811.7
2.5°	1763.6	1932.3	2123.3	2348.4	2575.0	2838.1	3134.5	3441.5	3637.3	3738.9	3819.4
0°	1770.5	1940.4	2137.1	2365.1	2597.6	2862.9	3156.4	3460.5	3658.7	3757.0	3839.0
-2.5°	1778.2	1953.1	2155.2	2375.9	2606.5	2871.0	3170.6	3466.8	3645.2	3744.4	3822.4
-5°	1772.8	1954.1	2155.6	2367.0	2599.0	2861.4	3149.1	3426.1	3612.6	3719.9	3797.5
-7.5°	1756.8	1940.7	2140.0	2343.2	2570.8	2836.2	3122.7	3389.4	3578.4	3691.5	3776.3
-10°	1733.4	1912.0	2112.7	2318.4	2543.3	2796.0	3078.1	3343.2	3524.0	3644.1	3743.0
-12.5°	1707.5	1882.4	2075.9	2273.2	2495.7	2745.2	3018.5	3269.4	3449.2	3580.2	3650.9
-15°	1669.2	1843.9	2029.0	2219.8	2436.6	2678.7	2939.7	3180.5	3357.0	3463.7	3541.7
-17.5°	1620.5	1791.9	1967.3	2148.3	2352.6	2591.0	2853.6	3091.1	3235.0	3330.2	3406.9
-20°	1568.2	1726.8	1892.9	2063.8	2261.7	2497.9	2755.8	2963.0	3098.6	3190.1	3262.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1508.6	1661.2	1813.3	1976.7	2170.7	2387.2	2615.1	2815.3	2961.1	3044.5	3111.5
-25°	1440.5	1588.9	1733.4	1891.2	2069.5	2264.1	2476.0	2672.7	2803.3	2891.8	2958.3
-27.5°	1367.1	1506.6	1647.7	1789.4	1949.8	2143.7	2339.8	2522.6	2634.1	2723.4	2790.1
-30°	1293.9	1419.4	1549.9	1684.1	1834.6	2009.4	2192.9	2346.6	2464.2	2550.9	2612.9
-32.5°	1214.6	1333.7	1449.3	1574.7	1716.4	1870.5	2031.5	2177.7	2303.3	2382.7	2435.0
-35°	1133.3	1248.6	1354.4	1468.2	1593.3	1726.2	1874.9	2019.0	2143.1	2205.9	2256.9
-37.5°	1048.7	1163.7	1264.0	1359.0	1466.7	1589.9	1734.7	1872.2	1979.4	2033.4	2079.3
-40°	975.1	1076.3	1166.7	1257.6	1345.1	1454.5	1589.6	1722.8	1808.8	1861.4	1904.1
-42.5°	903.7	989.0	1063.0	1144.5	1232.2	1340.0	1449.0	1560.7	1629.8	1688.2	1733.1
-45°	820.5	896.8	966.1	1033.9	1113.8	1212.3	1311.3	1400.8	1465.5	1521.9	1565.7
-47.5°	728.4	802.1	869.4	930.1	1004.3	1086.4	1169.8	1244.2	1308.2	1364.0	1403.0
-50°	642.7	708.5	774.2	835.6	900.0	966.4	1034.0	1099.3	1160.0	1214.3	1247.5
-52.5°	565.8	626.5	684.0	737.7	794.0	850.1	906.1	966.0	1021.8	1073.1	1099.6
-55°	496.3	551.0	602.9	648.1	693.3	737.8	785.9	841.1	892.5	940.0	959.0
-57.5°	433.9	480.7	526.6	564.9	601.8	637.2	679.4	726.0	771.0	811.7	827.3
-60°	376.5	413.7	452.0	486.0	518.1	548.5	585.3	622.8	659.3	690.0	703.3
-62.5°	323.7	355.5	384.6	412.1	439.4	466.7	496.4	526.2	555.7	579.3	591.3
-65°	272.8	298.1	321.5	344.1	366.2	389.1	412.3	435.0	456.8	473.7	484.1
-67.5°	225.0	244.2	262.8	280.5	298.9	317.5	335.7	353.0	369.4	382.4	392.4
-70°	182.7	197.6	212.1	226.7	242.1	256.5	270.2	283.2	295.4	304.8	312.4
-72.5°	147.3	159.4	171.9	185.0	197.4	208.3	218.1	227.6	236.7	242.0	245.9
-75°	118.7	128.9	139.8	150.4	160.8	169.0	176.2	183.2	190.0	190.3	189.0
-77.5°	95.9	105.0	113.4	121.8	130.1	135.1	139.6	144.1	148.7	146.1	141.8
-80°	70.4	78.0	85.1	92.3	99.6	102.6	104.6	106.5	108.0	104.5	100.2
-82.5°	46.7	51.5	56.1	60.9	65.7	67.6	69.0	70.2	71.1	68.0	64.4
-85°	26.1	28.4	30.6	32.9	35.1	36.5	37.7	38.8	39.9	38.0	35.9
-87.5°	10.8	11.3	11.9	12.4	12.8	13.3	13.8	14.2	14.7	14.8	14.8
-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: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.6
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°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.8	1.0	1.1	1.1
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.6	2.5	2.7	2.9
60°	5.3	4.6	4.5	4.5	4.5	4.6	5.3	5.8	6.0	8.7	10.2
57.5°	41.3	35.4	36.3	40.2	36.3	35.4	41.3	44.8	45.0	52.2	52.5
55°	193.1	215.5	223.5	219.1	223.5	215.5	193.1	169.3	146.6	139.6	139.7
52.5°	261.6	270.8	274.3	274.2	274.3	270.8	261.6	249.2	233.6	218.2	203.1
50°	340.5	337.4	332.6	327.9	332.6	337.4	340.5	337.0	325.3	302.4	265.9
47.5°	568.3	558.5	554.3	561.8	554.3	558.5	568.3	561.9	518.2	461.4	419.6
45°	755.2	766.8	775.4	775.0	775.4	766.8	755.2	745.5	698.1	633.1	566.3
42.5°	861.6	867.8	869.6	867.4	869.6	867.8	861.6	850.9	796.0	726.6	650.2
40°	956.5	963.8	968.0	971.7	968.0	963.8	956.5	942.4	897.4	832.7	760.8
37.5°	1096.3	1099.0	1093.1	1089.4	1093.1	1099.0	1096.3	1087.4	1060.4	977.9	919.4
35°	1439.1	1446.1	1429.9	1447.1	1429.9	1446.1	1439.1	1404.0	1362.3	1313.4	1180.3
32.5°	1767.9	1800.8	1827.4	1849.5	1827.4	1800.8	1767.9	1734.3	1706.1	1611.7	1437.7
30°	1954.2	1975.4	1986.8	1989.5	1986.8	1975.4	1954.2	1928.0	1890.5	1769.8	1608.9
27.5°	2090.9	2113.2	2127.0	2137.1	2127.0	2113.2	2090.9	2066.7	2023.0	1899.8	1741.9
25°	2222.7	2243.0	2256.9	2262.3	2256.9	2243.0	2222.7	2198.1	2144.4	2040.3	1884.8
22.5°	2359.4	2373.5	2386.9	2393.4	2386.9	2373.5	2359.4	2330.6	2272.4	2189.4	2024.6
20°	2555.5	2547.8	2559.9	2555.9	2559.9	2547.8	2555.5	2511.5	2450.2	2363.6	2204.5
17.5°	2955.0	2959.1	2967.3	2980.6	2967.3	2959.1	2955.0	2896.6	2821.7	2743.5	2522.2
15°	3457.5	3467.6	3519.0	3564.8	3519.0	3467.6	3457.5	3400.9	3273.4	3160.6	2908.1
12.5°	3675.4	3710.4	3715.8	3728.7	3715.8	3710.4	3675.4	3595.7	3509.9	3366.0	3136.8
10°	3748.1	3808.7	3807.4	3822.6	3807.4	3808.7	3748.1	3678.8	3608.7	3486.0	3246.1
7.5°	3803.3	3868.3	3895.8	3907.6	3895.8	3868.3	3803.3	3756.3	3687.2	3568.3	3322.9
5°	3870.7	3906.5	3953.9	3940.3	3953.9	3906.5	3870.7	3811.7	3724.2	3597.9	3374.2
2.5°	3898.9	3955.0	3942.0	3955.2	3942.0	3955.0	3898.9	3819.4	3738.9	3637.3	3441.5
0°	3918.0	3958.2	3964.2	3977.6	3964.2	3958.2	3918.0	3839.0	3757.0	3658.7	3460.5
-2.5°	3894.9	3930.3	3992.3	3973.1	3992.3	3930.3	3894.9	3822.4	3744.4	3645.2	3466.8
-5°	3874.6	3961.7	3927.9	3970.1	3927.9	3961.7	3874.6	3797.5	3719.9	3612.6	3426.1
-7.5°	3864.1	3879.7	3902.2	3934.4	3902.2	3879.7	3864.1	3776.3	3691.5	3578.4	3389.4
-10°	3783.2	3799.2	3840.4	3862.8	3840.4	3799.2	3783.2	3743.0	3644.1	3524.0	3343.2
-12.5°	3695.5	3726.4	3769.7	3783.9	3769.7	3726.4	3695.5	3650.9	3580.2	3449.2	3269.4
-15°	3594.5	3640.3	3682.6	3691.5	3682.6	3640.3	3594.5	3541.7	3463.7	3357.0	3180.5
-17.5°	3465.9	3521.0	3565.4	3575.2	3565.4	3521.0	3465.9	3406.9	3330.2	3235.0	3091.1
-20°	3324.4	3377.1	3414.8	3426.2	3414.8	3377.1	3324.4	3262.6	3190.1	3098.6	2963.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3172.8	3220.2	3252.2	3247.4	3252.2	3220.2	3172.8	3111.5	3044.5	2961.1	2815.3
-25°	3011.9	3055.8	3086.2	3081.9	3086.2	3055.8	3011.9	2958.3	2891.8	2803.3	2672.7
-27.5°	2841.7	2883.4	2912.6	2913.5	2912.6	2883.4	2841.7	2790.1	2723.4	2634.1	2522.6
-30°	2662.9	2700.7	2724.5	2715.3	2724.5	2700.7	2662.9	2612.9	2550.9	2464.2	2346.6
-32.5°	2478.5	2512.7	2534.5	2541.0	2534.5	2512.7	2478.5	2435.0	2382.7	2303.3	2177.7
-35°	2296.6	2326.8	2345.6	2350.2	2345.6	2326.8	2296.6	2256.9	2205.9	2143.1	2019.0
-37.5°	2115.8	2141.8	2154.9	2149.0	2154.9	2141.8	2115.8	2079.3	2033.4	1979.4	1872.2
-40°	1937.3	1962.0	1977.0	1980.6	1977.0	1962.0	1937.3	1904.1	1861.4	1808.8	1722.8
-42.5°	1761.7	1782.2	1795.4	1801.8	1795.4	1782.2	1761.7	1733.1	1688.2	1629.8	1560.7
-45°	1591.2	1609.6	1622.0	1628.9	1622.0	1609.6	1591.2	1565.7	1521.9	1465.5	1400.8
-47.5°	1425.4	1441.5	1452.2	1457.5	1452.2	1441.5	1425.4	1403.0	1364.0	1308.2	1244.2
-50°	1266.9	1280.9	1290.8	1296.6	1290.8	1280.9	1266.9	1247.5	1214.3	1160.0	1099.3
-52.5°	1116.5	1128.7	1137.2	1141.6	1137.2	1128.7	1116.5	1099.6	1073.1	1021.8	966.0
-55°	972.9	982.8	990.7	995.5	990.7	982.8	972.9	959.0	940.0	892.5	841.1
-57.5°	839.1	847.1	854.6	859.9	854.6	847.1	839.1	827.3	811.7	771.0	726.0
-60°	713.8	721.4	727.7	731.7	727.7	721.4	713.8	703.3	690.0	659.3	622.8
-62.5°	600.6	607.4	613.2	617.0	613.2	607.4	600.6	591.3	579.3	555.7	526.2
-65°	492.2	498.3	502.6	505.2	502.6	498.3	492.2	484.1	473.7	456.8	435.0
-67.5°	400.8	407.8	409.2	408.3	409.2	407.8	400.8	392.4	382.4	369.4	353.0
-70°	319.3	325.2	326.6	326.4	326.6	325.2	319.3	312.4	304.8	295.4	283.2
-72.5°	249.6	252.8	250.1	245.9	250.1	252.8	249.6	245.9	242.0	236.7	227.6
-75°	187.3	185.3	182.4	178.8	182.4	185.3	187.3	189.0	190.3	190.0	183.2
-77.5°	137.2	132.1	128.8	125.2	128.8	132.1	137.2	141.8	146.1	148.7	144.1
-80°	95.5	90.5	87.1	83.5	87.1	90.5	95.5	100.2	104.5	108.0	106.5
-82.5°	60.5	56.4	54.3	52.2	54.3	56.4	60.5	64.4	68.0	71.1	70.2
-85°	33.6	31.2	29.8	28.3	29.8	31.2	33.6	35.9	38.0	39.9	38.8
-87.5°	14.8	14.9	14.1	13.4	14.1	14.9	14.8	14.8	14.8	14.7	14.2
-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: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.2	7.9	7.5	7.1	6.8	6.4	6.0	5.6	5.3	4.9	4.5
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	0.1	0.2	0.1	0.0	0.2
67.5°	0.0	0.0	0.3	0.6	0.8	0.8	0.7	0.8	0.9	0.8	0.8
65°	0.9	0.6	0.4	0.7	1.1	1.5	1.6	1.4	1.4	1.6	1.9
62.5°	3.0	3.2	2.7	2.3	2.0	2.2	2.4	2.5	2.2	1.8	2.3
60°	9.0	5.5	8.0	8.6	6.8	5.9	8.8	8.4	4.4	3.8	3.4
57.5°	43.3	36.2	39.7	36.1	24.7	21.6	22.3	21.3	19.3	11.8	5.1
55°	149.0	127.7	100.3	86.7	83.5	63.9	47.6	39.7	36.0	26.0	17.2
52.5°	189.3	176.0	155.3	126.7	111.5	105.8	90.4	72.3	57.5	46.0	33.0
50°	237.3	240.9	219.6	180.1	164.5	147.6	132.7	111.8	92.9	74.6	55.0
47.5°	387.2	360.7	339.4	309.9	253.8	218.1	194.6	160.4	134.5	112.3	88.2
45°	516.3	485.9	465.1	419.3	359.8	304.4	267.5	224.6	178.9	149.1	127.3
42.5°	607.9	568.6	534.4	497.1	440.2	377.8	327.1	284.6	236.6	188.4	159.3
40°	697.6	635.3	601.4	568.0	514.4	444.4	404.9	342.5	292.3	238.8	199.2
37.5°	831.4	725.5	713.5	681.3	620.7	547.9	503.5	442.0	348.9	298.4	252.8
35°	1057.5	948.4	885.4	853.9	775.3	682.5	609.4	551.9	459.6	360.2	307.6
32.5°	1306.7	1168.6	1073.0	1028.0	943.6	817.7	727.6	654.5	561.8	449.4	365.0
30°	1447.3	1321.4	1206.3	1129.3	1047.4	939.1	835.6	732.4	631.8	538.8	427.2
27.5°	1578.2	1421.2	1297.1	1210.3	1133.5	1029.5	914.9	804.3	693.8	601.8	502.3
25°	1703.0	1529.0	1393.7	1291.7	1202.5	1120.1	990.7	869.8	754.5	652.9	575.0
22.5°	1819.2	1657.7	1501.8	1368.4	1292.8	1204.4	1076.8	930.3	817.8	732.3	640.6
20°	2010.5	1829.8	1632.4	1517.0	1446.6	1310.1	1165.7	1020.9	917.5	819.6	711.8
17.5°	2326.0	2100.4	1864.5	1740.9	1641.2	1473.7	1289.7	1146.1	1016.9	907.9	789.2
15°	2671.3	2380.9	2147.2	1987.5	1829.7	1633.4	1420.5	1265.3	1118.6	995.9	860.4
12.5°	2842.0	2565.5	2358.8	2133.8	1930.2	1752.4	1550.8	1379.7	1213.2	1053.3	904.4
10°	2943.8	2669.1	2435.2	2210.7	2006.6	1835.4	1648.3	1445.6	1260.5	1091.4	941.1
7.5°	3023.0	2740.0	2490.9	2267.3	2060.5	1880.0	1700.9	1488.4	1298.4	1122.1	970.5
5°	3077.9	2795.2	2542.6	2316.6	2098.9	1912.0	1740.0	1520.8	1326.6	1145.4	992.9
2.5°	3134.5	2838.1	2575.0	2348.4	2123.3	1932.3	1763.6	1545.5	1349.5	1162.7	1011.5
0°	3156.4	2862.9	2597.6	2365.1	2137.1	1940.4	1770.5	1561.8	1365.1	1172.9	1023.8
-2.5°	3170.6	2871.0	2606.5	2375.9	2155.2	1953.1	1778.2	1580.1	1370.0	1183.8	1027.2
-5°	3149.1	2861.4	2599.0	2367.0	2155.6	1954.1	1772.8	1582.8	1368.8	1186.7	1024.6
-7.5°	3122.7	2836.2	2570.8	2343.2	2140.0	1940.7	1756.8	1571.0	1364.1	1181.9	1019.5
-10°	3078.1	2796.0	2543.3	2318.4	2112.7	1912.0	1733.4	1548.5	1348.9	1168.4	1007.7
-12.5°	3018.5	2745.2	2495.7	2273.2	2075.9	1882.4	1707.5	1517.4	1322.9	1145.9	989.0
-15°	2939.7	2678.7	2436.6	2219.8	2029.0	1843.9	1669.2	1483.0	1297.5	1118.1	963.3
-17.5°	2853.6	2591.0	2352.6	2148.3	1967.3	1791.9	1620.5	1446.9	1268.3	1092.0	940.1
-20°	2755.8	2497.9	2261.7	2063.8	1892.9	1726.8	1568.2	1406.5	1227.8	1062.1	915.8



REPORT NUMBER: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2615.1	2387.2	2170.7	1976.7	1813.3	1661.2	1508.6	1352.2	1175.2	1024.5	882.8
-25°	2476.0	2264.1	2069.5	1891.2	1733.4	1588.9	1440.5	1285.5	1128.4	980.5	842.3
-27.5°	2339.8	2143.7	1949.8	1789.4	1647.7	1506.6	1367.1	1220.5	1075.9	930.9	804.3
-30°	2192.9	2009.4	1834.6	1684.1	1549.9	1419.4	1293.9	1157.0	1014.7	877.1	763.3
-32.5°	2031.5	1870.5	1716.4	1574.7	1449.3	1333.7	1214.6	1084.8	944.2	826.9	715.8
-35°	1874.9	1726.2	1593.3	1468.2	1354.4	1248.6	1133.3	1003.4	879.9	769.8	662.3
-37.5°	1734.7	1589.9	1466.7	1359.0	1264.0	1163.7	1048.7	933.4	817.3	706.3	612.4
-40°	1589.6	1454.5	1345.1	1257.6	1166.7	1076.3	975.1	867.9	753.4	644.9	563.5
-42.5°	1449.0	1340.0	1232.2	1144.5	1063.0	989.0	903.7	795.4	690.1	595.9	517.7
-45°	1311.3	1212.3	1113.8	1033.9	966.1	896.8	820.5	722.1	627.5	546.6	472.9
-47.5°	1169.8	1086.4	1004.3	930.1	869.4	802.1	728.4	645.1	567.6	494.7	429.4
-50°	1034.0	966.4	900.0	835.6	774.2	708.5	642.7	575.4	506.2	442.7	383.5
-52.5°	906.1	850.1	794.0	737.7	684.0	626.5	565.8	506.0	445.2	392.1	339.1
-55°	785.9	737.8	693.3	648.1	602.9	551.0	496.3	442.4	393.9	345.1	301.9
-57.5°	679.4	637.2	601.8	564.9	526.6	480.7	433.9	388.3	348.1	307.7	267.8
-60°	585.3	548.5	518.1	486.0	452.0	413.7	376.5	340.4	305.6	272.7	238.3
-62.5°	496.4	466.7	439.4	412.1	384.6	355.5	323.7	294.6	267.6	239.9	208.8
-65°	412.3	389.1	366.2	344.1	321.5	298.1	272.8	249.8	227.7	205.2	178.3
-67.5°	335.7	317.5	298.9	280.5	262.8	244.2	225.0	205.8	187.8	169.5	147.7
-70°	270.2	256.5	242.1	226.7	212.1	197.6	182.7	167.1	150.7	135.7	120.8
-72.5°	218.1	208.3	197.4	185.0	171.9	159.4	147.3	135.1	122.6	109.8	96.8
-75°	176.2	169.0	160.8	150.4	139.8	128.9	118.7	108.3	96.9	84.5	72.3
-77.5°	139.6	135.1	130.1	121.8	113.4	105.0	95.9	84.6	73.0	61.5	51.5
-80°	104.6	102.6	99.6	92.3	85.1	78.0	70.4	60.5	50.6	41.4	33.9
-82.5°	69.0	67.6	65.7	60.9	56.1	51.5	46.7	39.8	33.2	27.0	21.5
-85°	37.7	36.5	35.1	32.9	30.6	28.4	26.1	22.3	18.7	15.4	12.4
-87.5°	13.8	13.3	12.8	12.4	11.9	11.3	10.8	9.7	8.6	7.6	6.6
-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: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.1	3.8	3.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5
82.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.4	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.4	0.8	1.0	1.0	0.8	0.5	0.3
77.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.4	1.4	1.0	0.7
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.8	1.2	1.5	1.2
72.5°	0.0	0.0	0.0	0.2	0.4	0.4	0.2	0.3	0.9	1.3	1.5
70°	0.2	0.1	0.0	0.2	0.6	0.9	0.9	0.7	0.6	1.1	1.4
67.5°	0.7	0.8	0.6	0.4	0.7	1.0	1.4	1.3	1.2	1.0	1.4
65°	1.7	1.6	1.5	1.3	1.1	1.1	1.5	1.8	1.7	1.5	1.4
62.5°	2.6	2.6	2.4	2.2	1.9	1.7	1.6	2.1	2.3	2.0	1.7
60°	3.4	3.5	3.4	3.1	2.8	2.5	2.2	2.3	2.6	2.5	2.1
57.5°	4.7	4.5	4.5	4.1	3.6	3.2	3.0	2.9	3.0	3.0	2.6
55°	8.2	5.7	5.8	5.3	4.6	4.0	3.8	3.6	3.5	3.4	3.0
52.5°	20.7	11.5	7.4	6.8	6.0	4.9	4.6	4.4	4.1	3.9	3.5
50°	38.2	24.7	14.0	8.8	7.5	6.4	5.3	5.1	4.8	4.4	3.9
47.5°	61.2	42.5	27.6	13.9	9.7	8.0	6.7	5.8	5.4	5.0	4.3
45°	94.3	62.7	43.4	27.4	12.9	11.0	8.2	6.5	6.0	5.5	4.7
42.5°	131.1	92.0	61.0	41.5	24.6	15.2	9.8	7.8	6.6	6.1	5.2
40°	167.3	127.1	81.9	57.2	37.1	20.4	14.1	9.3	7.3	6.7	5.7
37.5°	207.3	164.3	114.7	73.9	49.9	31.2	19.3	10.8	8.2	7.3	6.2
35°	256.8	205.5	147.6	98.5	66.1	41.2	25.2	13.8	10.1	7.9	6.7
32.5°	306.2	246.7	183.1	127.1	83.0	50.4	32.7	19.7	12.3	8.6	7.3
30°	356.0	284.4	216.6	153.6	102.5	65.2	40.9	25.4	14.8	9.3	7.8
27.5°	400.8	320.0	247.9	181.2	125.3	80.8	49.5	30.9	17.6	10.6	8.4
25°	451.4	358.4	278.7	207.6	146.2	97.0	58.2	36.4	21.6	12.7	9.0
22.5°	516.5	398.0	307.2	231.6	166.9	112.6	69.5	43.5	26.1	15.0	9.6
20°	581.2	436.5	335.2	261.6	189.4	130.1	82.5	50.7	30.4	17.3	10.2
17.5°	644.7	486.0	375.8	292.3	213.5	146.5	94.6	57.7	34.4	19.7	10.7
15°	701.6	542.7	415.8	321.3	237.0	161.6	105.9	64.5	38.2	22.1	11.5
12.5°	749.5	591.5	453.5	348.4	259.7	175.5	116.1	71.0	41.6	24.8	12.5
10°	789.0	632.8	488.4	373.4	281.2	187.9	125.4	77.6	45.7	27.7	13.6
7.5°	820.5	667.0	520.2	396.2	300.7	199.5	135.4	84.4	49.6	30.4	14.7
5°	844.3	693.6	544.7	412.5	316.1	210.2	144.6	90.7	53.3	32.9	15.8
2.5°	859.7	713.2	562.9	425.4	328.7	219.2	152.6	96.4	56.6	35.2	16.9
0°	868.8	727.3	576.7	435.2	338.3	226.5	159.5	101.3	59.6	37.3	17.9
-2.5°	877.0	736.5	588.7	452.3	344.9	238.5	163.9	105.8	64.3	38.8	19.7
-5°	879.7	740.5	596.6	465.5	348.9	248.1	166.9	109.4	68.5	40.0	21.4
-7.5°	875.1	738.1	599.4	473.0	350.7	255.0	168.7	112.2	71.8	40.9	22.8
-10°	865.0	730.1	595.7	470.7	353.2	257.1	169.7	114.3	74.3	41.6	24.0
-12.5°	850.1	718.0	587.9	465.7	352.8	255.8	172.5	116.0	75.6	42.0	24.9
-15°	830.5	702.2	575.9	458.4	348.6	252.7	173.3	116.6	75.4	42.9	25.5
-17.5°	807.5	683.1	559.9	449.0	340.3	248.1	171.7	115.8	74.6	44.2	26.0
-20°	784.4	661.8	540.8	437.8	327.9	242.1	167.7	113.7	73.3	45.0	26.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626750 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	757.3	637.4	524.4	422.4	314.4	234.8	161.2	110.1	71.3	45.4	26.8
-25°	726.3	608.9	504.6	401.0	303.8	226.6	154.4	104.9	68.8	45.2	26.7
-27.5°	691.1	578.4	481.4	377.7	292.7	215.2	148.0	101.2	66.6	44.6	26.3
-30°	651.9	549.8	453.5	355.3	279.2	202.8	139.7	96.9	65.7	43.8	25.5
-32.5°	609.6	517.5	423.6	338.1	263.9	189.9	132.3	92.2	64.0	42.7	25.6
-35°	570.0	482.3	393.1	318.4	247.6	182.3	127.3	86.9	61.7	41.2	25.7
-37.5°	527.6	445.5	368.9	297.8	230.4	173.6	123.3	84.5	58.7	39.3	25.6
-40°	486.7	410.5	340.9	278.1	217.7	163.7	117.1	81.8	55.8	37.0	25.3
-42.5°	445.4	377.7	314.1	256.7	205.8	154.2	109.0	77.8	53.5	35.6	24.7
-45°	407.4	343.8	285.6	238.1	192.5	142.0	102.8	72.7	50.6	34.7	24.2
-47.5°	367.4	309.2	259.5	217.8	175.1	128.8	94.9	68.6	47.2	33.4	23.9
-50°	326.1	276.5	235.2	195.4	153.8	117.7	86.4	63.8	46.0	32.5	23.3
-52.5°	289.9	247.7	210.3	172.3	137.7	104.7	80.0	58.7	44.4	31.6	22.5
-55°	258.8	220.4	185.8	153.4	122.4	95.2	72.8	56.3	42.4	30.6	21.5
-57.5°	231.4	195.1	165.6	136.6	109.6	86.1	67.7	53.4	40.3	29.2	20.6
-60°	204.7	174.9	147.3	121.4	97.7	78.2	63.8	50.0	37.8	27.4	19.5
-62.5°	179.9	153.7	129.8	106.4	87.0	71.8	59.2	46.1	34.8	25.1	18.2
-65°	154.0	131.7	111.5	93.1	77.3	64.2	53.3	41.7	30.9	22.3	16.5
-67.5°	127.1	110.7	94.9	79.6	66.7	55.7	46.5	35.8	26.3	19.1	14.4
-70°	105.9	91.4	78.1	66.0	55.5	46.6	38.0	28.9	21.2	16.4	12.3
-72.5°	84.3	72.5	61.6	52.0	44.5	36.8	29.1	22.1	17.5	13.5	10.0
-75°	62.4	54.4	47.3	40.6	33.9	27.2	22.2	17.6	13.8	10.5	8.5
-77.5°	45.3	39.5	34.3	30.1	25.4	21.0	16.7	12.9	10.5	8.7	7.1
-80°	30.8	27.8	24.8	21.9	18.1	14.6	12.1	9.9	8.5	7.1	5.8
-82.5°	19.4	17.8	16.3	14.9	12.7	10.7	9.0	7.5	6.4	5.3	4.7
-85°	11.5	10.7	9.8	9.0	7.8	6.7	6.2	5.8	5.3	4.8	4.3
-87.5°	6.5	6.4	6.3	6.2	5.9	5.6	5.4	5.1	4.7	4.3	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1

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CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.0	2.6	2.3	1.9	1.5	1.5	1.5
87.5°	1.1	1.3	1.4	1.5	1.5	1.5	1.5
85°	0.7	1.0	1.2	1.4	1.5	1.5	1.5
82.5°	0.4	0.8	1.1	1.4	1.5	1.5	1.5
80°	0.1	0.6	1.0	1.3	1.5	1.5	1.5
77.5°	0.5	0.5	0.9	1.3	1.5	1.5	1.5
75°	0.8	0.7	0.8	1.2	1.5	1.5	1.5
72.5°	1.2	1.0	1.0	1.2	1.5	1.5	1.5
70°	1.5	1.2	1.1	1.2	1.5	1.5	1.5
67.5°	1.5	1.4	1.2	1.3	1.5	1.5	1.5
65°	1.6	1.6	1.3	1.3	1.5	1.5	1.5
62.5°	1.7	1.7	1.4	1.3	1.5	1.5	1.5
60°	1.8	1.8	1.5	1.4	1.5	1.5	1.5
57.5°	2.1	1.9	1.6	1.4	1.5	1.5	1.5
55°	2.5	2.1	1.8	1.5	1.5	1.5	1.5
52.5°	2.9	2.3	2.0	1.5	1.6	1.5	1.5
50°	3.3	2.6	2.1	1.5	1.6	1.5	1.5
47.5°	3.6	2.9	2.3	1.5	1.6	1.5	1.5
45°	4.0	3.2	2.5	1.7	1.7	1.5	1.5
42.5°	4.3	3.5	2.7	1.8	1.7	1.5	1.5
40°	4.6	3.8	2.9	2.0	1.8	1.5	1.5
37.5°	5.0	4.0	3.1	2.2	1.8	1.5	1.5
35°	5.3	4.3	3.3	2.4	1.9	1.5	1.5
32.5°	5.6	4.5	3.5	2.6	2.0	1.5	1.5
30°	6.1	4.8	3.7	2.8	2.0	1.5	1.5
27.5°	6.5	5.0	3.9	2.9	2.1	1.5	1.5
25°	6.9	5.2	4.2	3.1	2.2	1.5	1.5
22.5°	7.4	5.5	4.4	3.3	2.3	1.5	1.5
20°	7.8	5.7	4.6	3.5	2.4	1.5	1.5
17.5°	8.2	6.0	4.8	3.6	2.5	1.5	1.5
15°	8.6	6.3	5.0	3.8	2.5	1.5	1.5
12.5°	9.0	6.5	5.2	3.9	2.6	1.5	1.5
10°	9.3	6.7	5.4	4.0	2.7	1.5	1.5
7.5°	9.6	6.9	5.6	4.2	2.8	1.5	1.5
5°	9.9	7.1	5.7	4.3	2.9	1.5	1.5
2.5°	10.2	7.3	5.9	4.4	2.9	1.5	1.5
0°	10.4	7.5	6.0	4.5	3.0	1.5	1.5
-2.5°	11.0	7.6	6.1	4.5	3.0	1.5	1.5
-5°	11.5	7.8	6.2	4.5	3.0	1.5	1.5
-7.5°	12.0	7.9	6.3	4.5	3.0	1.5	1.5
-10°	12.4	8.0	6.4	4.4	3.0	1.5	1.5
-12.5°	12.7	8.1	6.4	4.4	2.9	1.5	1.5
-15°	12.9	8.2	6.5	4.3	2.9	1.5	1.5
-17.5°	12.9	8.2	6.5	4.3	2.9	1.5	1.5
-20°	13.2	8.3	6.4	4.2	2.8	1.5	1.5

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CATALOG NUMBER: GFLD-SA1D-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.1	8.3	6.3	4.2	2.8	1.5	1.5
-25°	14.8	8.9	6.2	4.1	2.7	1.5	1.5
-27.5°	15.3	9.6	6.1	4.0	2.7	1.5	1.5
-30°	15.7	10.2	5.9	3.9	2.6	1.5	1.5
-32.5°	15.9	10.7	6.1	3.8	2.5	1.5	1.5
-35°	16.3	11.1	6.3	3.7	2.5	1.5	1.5
-37.5°	16.8	11.3	6.4	3.6	2.4	1.5	1.5
-40°	17.1	11.4	6.4	3.4	2.3	1.5	1.5
-42.5°	17.2	11.4	6.5	3.4	2.2	1.5	1.5
-45°	17.1	11.3	6.5	3.4	2.1	1.5	1.5
-47.5°	16.8	11.2	6.5	3.4	2.0	1.5	1.5
-50°	16.5	10.9	6.3	3.3	1.9	1.5	1.5
-52.5°	16.0	10.5	6.1	3.3	1.8	1.5	1.5
-55°	15.4	10.1	5.9	3.2	1.7	1.5	1.5
-57.5°	14.8	9.6	5.5	3.0	1.6	1.5	1.5
-60°	13.9	8.9	5.2	2.9	1.5	1.5	1.5
-62.5°	12.8	8.1	4.9	2.8	1.5	1.5	1.5
-65°	11.5	7.3	4.6	2.6	1.5	1.5	1.5
-67.5°	10.1	6.5	4.2	2.4	1.5	1.5	1.5
-70°	8.6	5.9	3.8	2.2	1.5	1.5	1.5
-72.5°	7.6	5.3	3.4	2.1	1.5	1.5	1.5
-75°	6.6	4.6	3.0	2.1	1.5	1.5	1.5
-77.5°	5.6	3.9	2.8	2.1	1.5	1.5	1.5
-80°	4.6	3.5	2.7	2.0	1.5	1.5	1.5
-82.5°	4.1	3.3	2.6	2.0	1.5	1.5	1.5
-85°	3.8	3.1	2.5	2.0	1.5	1.5	1.5
-87.5°	3.4	2.9	2.4	1.9	1.5	1.5	1.5
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)