

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: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626930 (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-SA2C-740-U-VWR-VSR-XX
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (32) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

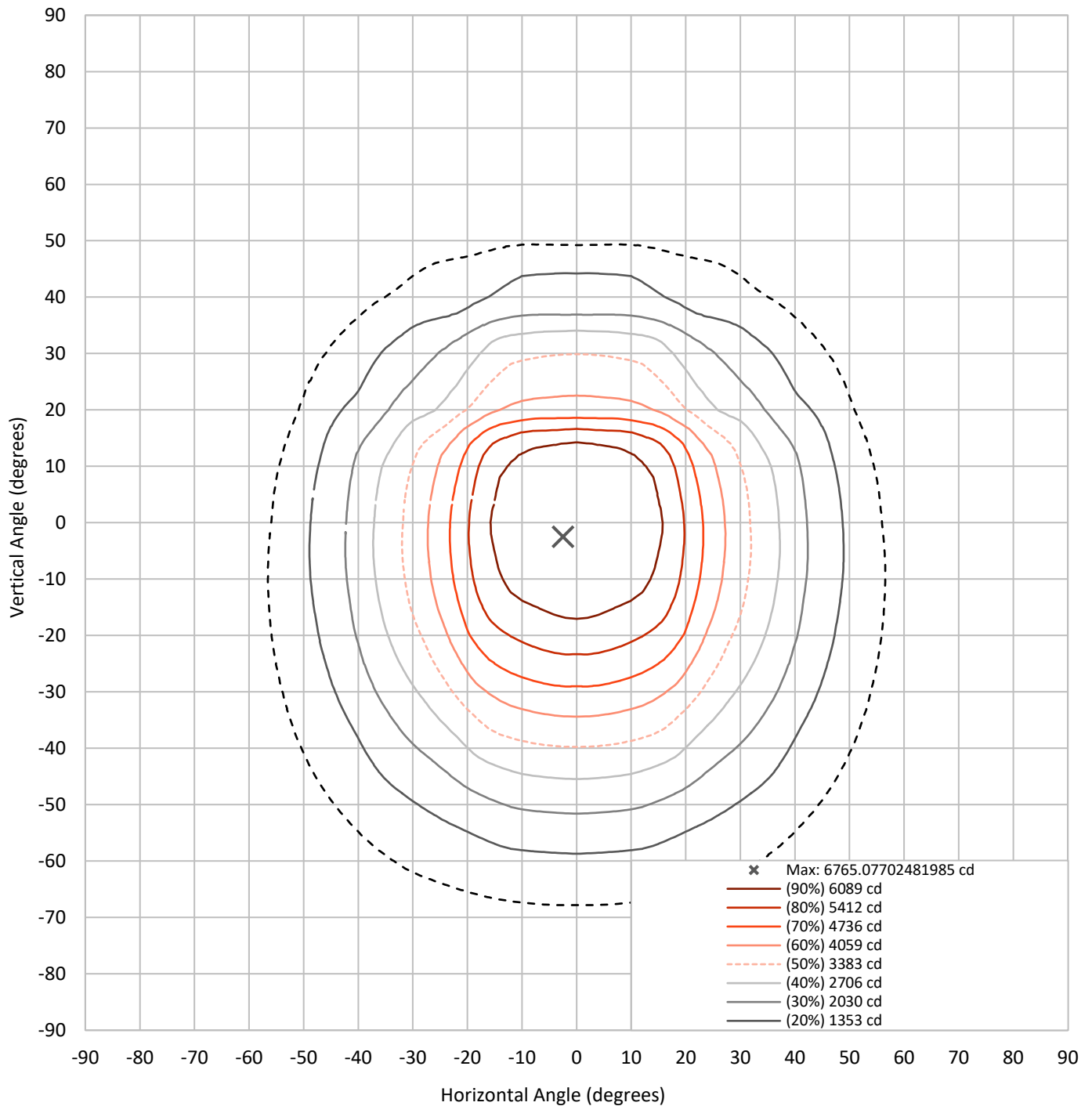
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9028.2 lumens	Max Intensity:	6765.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	109.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	5223.4 lumens	Field Lumens:	8567.2 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	82.6		
Input Voltage (V):	120		
Input Current (A _{in}):	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





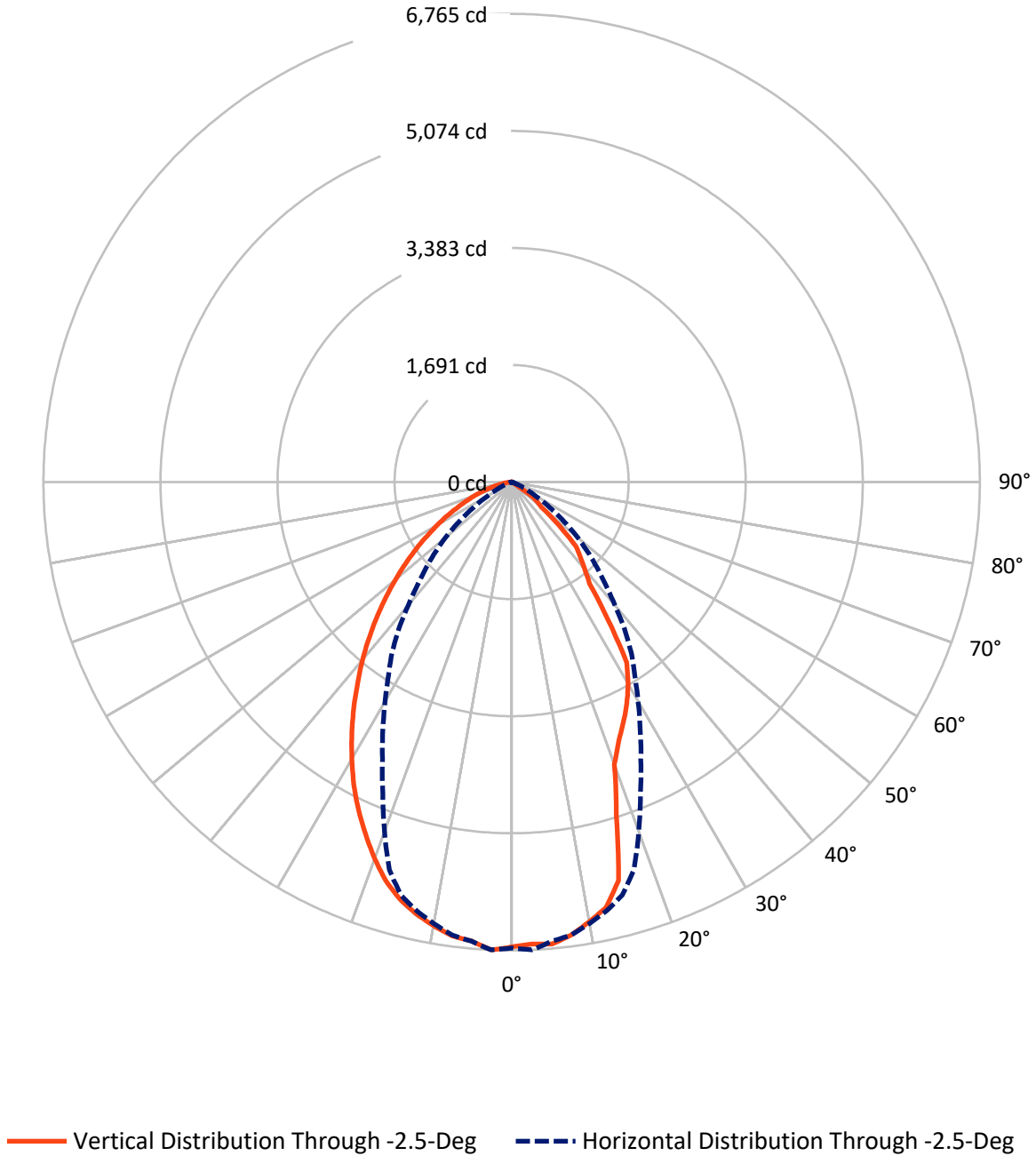
REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
70																			
60	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1				
50		0.1	0.2	0.8	2.5	4.7	7.0	8.8	8.8	7.0	4.7	2.5	0.8	0.2		0.1			
40	0.1	0.2	1.0	4.6	11.2	20.2	29.8	36.4	36.4	29.8	20.2	11.2	4.6	1.0	0.2	0.1			
30		0.4	3.4	11.7	26.2	42.4	63.6	74.4	74.4	63.6	42.4	26.2	11.7	3.4	0.4				
20	0.3	1.0	6.5	20.8	42.2	66.8	100.3	115.2	115.2	100.3	66.8	42.2	20.8	6.5	1.0	0.3			
10		1.7	10.0	30.7	60.7	100.0	148.8	170.7	170.7	148.8	100.0	60.7	30.7	10.0	1.7				
0	0.5	2.3	12.9	36.5	72.6	119.4	175.7	199.4	199.4	175.7	119.4	72.6	36.5	12.9	2.3	0.5			
-10		2.8	14.3	37.9	74.6	122.2	177.0	200.1	200.1	177.0	122.2	74.6	37.9	14.3	2.8				
-20	0.6	2.9	13.9	35.9	70.3	114.4	164.3	185.6	185.6	164.3	114.4	70.3	35.9	13.9	2.9	0.6			
-30		2.6	12.2	31.3	60.8	97.3	137.7	156.0	156.0	137.7	97.3	60.8	31.3	12.2	2.6				
-40	0.6	2.2	9.7	24.6	47.8	75.0	105.2	119.1	119.1	105.2	75.0	47.8	24.6	9.7	2.2	0.6			
-50		1.8	7.2	17.6	34.2	52.8	72.8	82.6	82.6	72.8	52.8	34.2	17.6	7.2	1.8				
-60	0.4	1.3	4.7	11.3	21.3	32.8	44.5	50.7	50.7	44.5	32.8	21.3	11.3	4.7	1.3	0.4			
-70		0.9	2.9	6.6	11.7	17.4	23.0	26.1	26.1	23.0	17.4	11.7	6.6	2.9	0.9				
-80	0.2	2.1	9.7	21.2	23.7	21.2	9.7	2.1	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

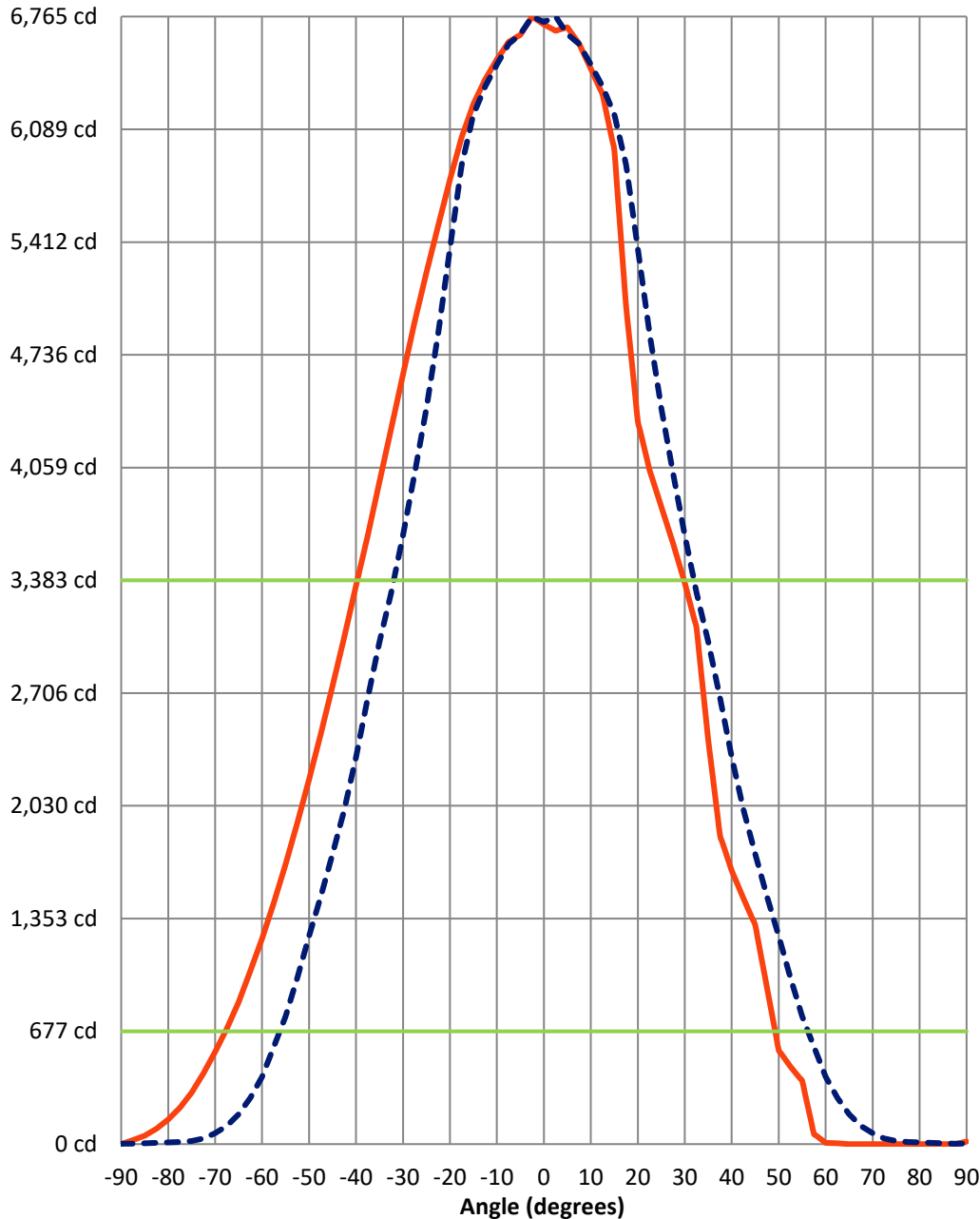
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 5223.4
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 8567.2
 Efficiency: 94.9%

Spill:
 Lumens: 461
 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°	2.5	2.5	2.5	3.1	3.8	4.5	5.1	5.7	6.4	7.0	7.6
87.5°	2.5	2.5	2.5	2.4	2.3	2.1	1.9	1.3	0.8	0.4	0.0
85°	2.5	2.5	2.5	2.3	2.1	1.7	1.2	0.8	0.4	0.2	0.0
82.5°	2.5	2.5	2.5	2.3	1.9	1.3	0.6	0.2	0.1	0.4	0.7
80°	2.5	2.5	2.5	2.2	1.7	0.9	0.1	0.5	0.9	1.3	1.7
77.5°	2.5	2.5	2.5	2.1	1.5	0.8	0.8	1.2	1.7	2.3	2.3
75°	2.5	2.5	2.5	2.1	1.4	1.2	1.4	2.0	2.5	2.0	1.3
72.5°	2.5	2.5	2.5	2.0	1.6	1.6	2.0	2.5	2.1	1.4	0.4
70°	2.5	2.5	2.5	2.0	1.8	2.0	2.5	2.4	1.8	1.0	1.1
67.5°	2.5	2.5	2.5	2.1	2.0	2.3	2.6	2.3	1.6	2.0	2.2
65°	2.5	2.5	2.5	2.2	2.2	2.6	2.7	2.3	2.5	2.9	3.1
62.5°	2.5	2.5	2.5	2.2	2.3	2.8	2.8	2.8	3.4	3.8	3.5
60°	2.5	2.5	2.5	2.3	2.5	3.0	3.0	3.6	4.3	4.4	3.9
57.5°	2.5	2.5	2.5	2.4	2.7	3.3	3.6	4.4	5.0	5.1	4.9
55°	2.5	2.5	2.6	2.4	3.0	3.5	4.2	5.2	5.8	5.9	6.2
52.5°	2.5	2.5	2.6	2.5	3.3	3.9	4.9	5.9	6.6	7.0	7.4
50°	2.5	2.5	2.7	2.5	3.6	4.4	5.5	6.6	7.5	8.0	8.5
47.5°	2.5	2.5	2.7	2.6	3.9	4.9	6.1	7.3	8.4	9.1	9.7
45°	2.5	2.5	2.8	2.8	4.2	5.4	6.7	8.0	9.3	10.1	10.9
42.5°	2.5	2.5	2.9	3.0	4.5	5.9	7.3	8.7	10.3	11.2	13.2
40°	2.5	2.5	3.0	3.4	4.9	6.4	7.8	9.6	11.3	12.2	15.7
37.5°	2.5	2.5	3.1	3.7	5.2	6.8	8.4	10.5	12.3	13.9	18.3
35°	2.5	2.5	3.2	4.0	5.6	7.3	8.9	11.4	13.4	17.1	23.3
32.5°	2.5	2.5	3.3	4.4	5.9	7.7	9.5	12.4	14.6	20.8	33.3
30°	2.5	2.5	3.4	4.7	6.2	8.1	10.2	13.3	15.8	25.1	43.0
27.5°	2.5	2.5	3.6	5.0	6.6	8.5	11.0	14.3	17.9	29.8	52.4
25°	2.5	2.5	3.7	5.3	7.0	8.8	11.7	15.3	21.5	36.7	61.6
22.5°	2.5	2.5	3.9	5.6	7.4	9.2	12.5	16.3	25.4	44.3	73.8
20°	2.5	2.5	4.0	5.8	7.8	9.7	13.2	17.3	29.4	51.5	85.8
17.5°	2.5	2.5	4.1	6.1	8.1	10.1	13.9	18.2	33.5	58.3	97.7
15°	2.5	2.5	4.3	6.4	8.4	10.5	14.7	19.5	37.6	64.7	109.3
12.5°	2.5	2.5	4.4	6.6	8.8	10.9	15.3	21.3	42.1	70.6	120.3
10°	2.5	2.5	4.6	6.8	9.1	11.3	15.9	23.1	46.9	77.5	131.4
7.5°	2.5	2.5	4.7	7.0	9.4	11.7	16.4	25.0	51.5	84.1	143.0
5°	2.5	2.5	4.9	7.2	9.6	12.0	16.9	26.8	55.8	90.3	153.8
2.5°	2.5	2.5	5.0	7.4	9.9	12.3	17.3	28.6	59.6	96.0	163.4
0°	2.5	2.5	5.1	7.6	10.1	12.6	17.7	30.3	63.1	101.0	171.7
-2.5°	2.5	2.5	5.1	7.6	10.1	12.6	17.7	30.3	63.1	101.0	171.7
-5°	2.5	2.5	5.1	7.6	10.5	13.1	19.6	36.2	67.6	116.0	185.4
-7.5°	2.5	2.5	5.1	7.5	10.7	13.4	20.4	38.7	69.2	121.7	190.2
-10°	2.5	2.5	5.0	7.5	10.8	13.6	21.0	40.7	70.4	125.8	193.8
-12.5°	2.5	2.5	5.0	7.4	10.8	13.7	21.5	42.2	71.2	128.0	196.5
-15°	2.5	2.5	4.9	7.3	10.9	13.9	21.8	43.2	72.7	127.7	197.5
-17.5°	2.5	2.5	4.9	7.3	10.9	14.0	21.9	44.1	74.9	126.4	196.3
-20°	2.5	2.5	4.8	7.1	10.8	14.1	22.5	45.0	76.3	124.1	192.7

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Scaled Data Report



REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	2.5	2.5	4.7	7.0	10.7	14.1	24.0	45.4	76.9	120.8	186.5
-25°	2.5	2.5	4.6	6.9	10.5	15.0	25.1	45.3	76.7	116.5	177.8
-27.5°	2.5	2.5	4.5	6.7	10.2	16.2	26.0	44.6	75.6	112.9	171.4
-30°	2.5	2.5	4.4	6.6	10.0	17.2	26.7	43.4	74.2	111.2	164.3
-32.5°	2.5	2.5	4.3	6.4	10.4	18.0	27.0	43.4	72.4	108.5	156.2
-35°	2.5	2.5	4.2	6.2	10.6	18.7	27.7	43.7	69.9	104.5	147.1
-37.5°	2.5	2.5	4.0	6.0	10.8	19.1	28.5	43.5	66.6	99.5	143.1
-40°	2.5	2.5	3.9	5.8	10.9	19.3	28.9	42.9	62.7	94.6	138.6
-42.5°	2.5	2.5	3.7	5.7	11.0	19.3	29.1	41.9	60.5	90.7	131.8
-45°	2.5	2.5	3.6	5.8	11.0	19.1	28.9	41.0	58.8	85.9	123.1
-47.5°	2.5	2.5	3.4	5.7	11.0	18.9	28.5	40.4	56.7	80.1	116.3
-50°	2.5	2.5	3.2	5.6	10.8	18.4	27.9	39.4	55.0	78.0	108.2
-52.5°	2.5	2.5	3.1	5.5	10.4	17.9	27.1	38.0	53.6	75.2	99.5
-55°	2.5	2.5	2.9	5.4	10.0	17.1	26.1	36.3	51.9	71.8	95.4
-57.5°	2.5	2.5	2.7	5.2	9.4	16.2	25.0	34.8	49.4	68.2	90.4
-60°	2.5	2.5	2.5	4.9	8.8	15.1	23.6	33.1	46.3	64.0	84.8
-62.5°	2.5	2.5	2.5	4.7	8.3	13.8	21.7	30.8	42.5	59.0	78.2
-65°	2.5	2.5	2.5	4.3	7.8	12.4	19.6	27.9	37.9	52.3	70.7
-67.5°	2.5	2.5	2.5	4.0	7.1	11.2	17.2	24.5	32.5	44.5	60.8
-70°	2.5	2.5	2.5	3.6	6.5	10.1	14.7	20.9	27.8	35.9	49.1
-72.5°	2.5	2.5	2.5	3.5	5.8	9.0	13.0	17.1	23.0	29.8	37.6
-75°	2.5	2.5	2.5	3.5	5.0	7.9	11.3	14.4	17.9	23.5	29.9
-77.5°	2.5	2.5	2.5	3.5	4.8	6.6	9.5	12.1	14.8	17.8	21.9
-80°	2.5	2.5	2.5	3.4	4.6	6.0	7.7	9.8	12.0	14.3	16.9
-82.5°	2.5	2.5	2.5	3.4	4.4	5.6	7.0	7.9	9.0	10.8	12.7
-85°	2.5	2.5	2.5	3.3	4.2	5.2	6.4	7.2	8.0	8.9	9.7
-87.5°	2.5	2.5	2.5	3.2	4.0	4.9	5.7	6.5	7.2	7.9	8.7
-90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.6	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°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.2	8.9	9.5
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°	0.7	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.4	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.7	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	1.5	1.0	0.4	0.0	0.1	0.4	0.3	0.0	0.1	0.3
67.5°	2.3	1.7	1.1	0.7	0.9	1.3	1.2	1.3	1.4	1.5	1.3
65°	2.4	1.8	1.9	2.2	2.5	2.7	2.9	3.1	2.6	2.3	2.3
62.5°	2.6	2.8	3.3	3.7	4.1	4.4	4.4	3.9	3.0	3.7	4.3
60°	3.8	4.2	4.7	5.2	5.7	6.0	5.7	5.7	6.4	7.4	14.2
57.5°	5.1	5.4	6.1	6.9	7.5	7.7	7.9	8.6	20.0	32.7	36.1
55°	6.4	6.7	7.7	9.0	9.7	9.6	13.9	29.2	44.1	61.0	67.3
52.5°	7.7	8.2	10.0	11.5	12.5	19.5	35.1	55.9	77.8	97.3	122.6
50°	9.0	10.8	12.7	14.9	23.8	42.0	64.8	93.2	126.3	157.5	189.4
47.5°	11.2	13.5	16.4	23.5	46.9	72.1	103.7	149.4	190.2	227.9	271.7
45°	13.9	18.7	21.8	46.5	73.7	106.2	159.7	215.7	252.7	303.1	380.6
42.5°	16.6	25.8	41.7	70.3	103.4	155.9	222.2	269.9	319.1	400.9	482.3
40°	23.9	34.6	62.9	96.9	138.8	215.4	283.5	337.4	404.7	495.4	580.4
37.5°	32.8	52.9	84.6	125.4	194.4	278.4	351.3	428.4	505.7	591.2	748.9
35°	42.6	69.8	112.0	167.0	250.1	348.3	435.2	521.3	610.4	778.8	935.2
32.5°	55.5	85.4	140.7	215.4	310.3	418.0	518.9	618.5	761.4	952.0	1108.9
30°	69.3	110.4	173.7	260.3	367.0	481.9	603.2	723.8	913.0	1070.6	1241.1
27.5°	83.8	136.9	212.4	307.1	420.0	542.2	679.1	851.1	1019.9	1175.6	1362.9
25°	98.6	164.5	247.8	351.9	472.2	607.4	764.9	974.4	1106.4	1278.5	1473.8
22.5°	117.7	190.8	282.8	392.4	520.5	674.4	875.2	1085.5	1240.9	1385.6	1576.5
20°	139.7	220.5	321.0	443.3	567.9	739.8	984.9	1206.1	1388.8	1554.6	1729.9
17.5°	160.3	248.2	361.7	495.2	636.9	823.6	1092.5	1337.4	1538.4	1723.1	1942.0
15°	179.4	273.9	401.6	544.3	704.7	919.6	1189.0	1457.9	1687.5	1895.4	2144.1
12.5°	196.8	297.3	440.1	590.3	768.5	1002.4	1270.0	1532.5	1784.8	2055.7	2338.0
10°	212.5	318.4	476.4	632.8	827.7	1072.4	1337.0	1594.7	1849.3	2136.0	2449.6
7.5°	229.4	338.1	509.4	671.4	881.5	1130.3	1390.4	1644.6	1901.4	2200.2	2522.1
5°	244.9	356.3	535.6	699.1	923.1	1175.4	1430.7	1682.5	1940.9	2248.0	2577.0
2.5°	258.6	371.5	557.0	720.7	954.0	1208.6	1456.9	1714.1	1970.3	2286.9	2619.0
0°	270.2	383.9	573.3	737.4	977.3	1232.4	1472.3	1734.9	1987.4	2313.2	2646.6
-2.5°	277.6	404.2	584.5	766.4	997.7	1248.0	1486.1	1740.7	2005.9	2321.6	2677.5
-5°	282.8	420.5	591.2	788.8	1011.0	1254.8	1490.6	1736.2	2010.8	2319.5	2682.1
-7.5°	285.9	432.1	594.4	801.6	1015.7	1250.7	1482.9	1727.7	2002.8	2311.5	2662.0
-10°	287.6	435.7	598.6	797.7	1009.5	1237.2	1465.8	1707.6	1979.9	2285.7	2623.9
-12.5°	292.4	433.4	597.9	789.2	996.2	1216.7	1440.5	1675.8	1941.7	2241.7	2571.2
-15°	293.6	428.2	590.7	776.7	975.9	1189.9	1407.3	1632.3	1894.6	2198.7	2513.0
-17.5°	290.9	420.4	576.7	760.8	948.8	1157.5	1368.3	1593.1	1850.5	2149.2	2451.9
-20°	284.2	410.2	555.6	742.0	916.5	1121.4	1329.2	1551.9	1799.7	2080.5	2383.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	273.1	397.9	532.7	715.7	888.6	1080.1	1283.3	1495.9	1736.1	1991.4	2291.4
-25°	261.7	384.0	514.7	679.6	855.1	1031.8	1230.7	1427.3	1661.4	1912.1	2178.3
-27.5°	250.8	364.6	496.0	640.0	815.7	980.2	1171.1	1363.0	1577.4	1823.1	2068.1
-30°	236.6	343.6	473.1	601.9	768.5	931.5	1104.7	1293.5	1486.3	1719.5	1960.6
-32.5°	224.1	321.8	447.1	572.9	717.8	876.8	1033.0	1213.0	1401.2	1600.0	1838.2
-35°	215.8	308.9	419.5	539.5	666.0	817.3	965.9	1122.2	1304.5	1491.1	1700.2
-37.5°	209.0	294.1	390.4	504.5	625.0	754.9	894.0	1037.8	1196.9	1385.0	1581.6
-40°	198.3	277.4	368.9	471.3	577.6	695.7	824.8	955.0	1092.8	1276.6	1470.7
-42.5°	184.7	261.3	348.6	435.1	532.2	640.0	754.8	877.4	1009.9	1169.5	1347.9
-45°	174.1	240.6	326.1	403.5	483.9	582.5	690.3	801.3	926.3	1063.4	1223.6
-47.5°	160.8	218.2	296.7	369.0	439.8	523.9	622.5	727.6	838.3	961.8	1093.1
-50°	146.5	199.4	260.6	331.0	398.5	468.5	552.6	649.8	750.2	857.9	975.0
-52.5°	135.7	177.5	233.4	292.0	356.3	419.8	491.4	574.7	664.4	754.4	857.4
-55°	123.4	161.4	207.4	260.0	314.8	373.5	438.7	511.7	584.8	667.4	749.7
-57.5°	114.8	145.9	185.7	231.4	280.7	330.6	392.1	453.8	521.5	589.9	658.1
-60°	108.0	132.5	165.5	205.8	249.7	296.3	346.8	403.8	462.1	517.9	576.9
-62.5°	100.3	121.6	147.4	180.2	219.9	260.5	305.0	353.8	406.5	453.5	499.2
-65°	90.3	108.8	131.0	157.7	188.8	223.2	261.1	302.3	347.8	385.9	423.3
-67.5°	78.9	94.4	113.0	134.9	160.8	187.6	215.4	250.2	287.3	318.4	348.8
-70°	64.5	78.9	94.1	111.9	132.2	154.9	179.4	204.6	230.0	255.4	283.2
-72.5°	49.3	62.5	75.4	88.0	104.2	122.8	142.8	164.0	186.1	207.8	229.0
-75°	37.6	46.1	57.4	68.8	80.1	92.2	105.7	122.5	143.1	164.1	183.5
-77.5°	28.4	35.5	43.1	50.9	58.1	67.0	76.7	87.2	104.1	123.6	143.2
-80°	20.5	24.8	30.7	37.1	42.1	47.0	52.1	57.4	70.0	85.7	102.4
-82.5°	15.2	18.1	21.4	25.1	27.6	30.1	32.8	36.3	45.7	56.3	67.5
-85°	10.5	11.3	13.1	15.2	16.6	18.0	19.4	20.9	26.0	31.7	37.7
-87.5°	9.0	9.5	9.9	10.5	10.6	10.8	11.0	11.1	12.8	14.6	16.5
-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: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	10.1	10.7	11.4	12.0	12.6	13.3	13.9	14.6	15.2	15.2	15.2
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°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.3	1.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.6	2.5	1.9	1.2	0.6	1.0	1.5	1.8	1.8	1.6	1.3
62.5°	4.0	3.7	3.3	3.9	4.6	5.4	5.1	4.8	4.5	4.3	4.5
60°	14.9	10.0	11.5	14.5	13.5	9.3	15.2	17.2	14.7	10.0	9.7
57.5°	37.8	36.5	41.8	61.1	67.3	61.3	73.3	89.0	88.5	76.2	75.8
55°	80.6	108.2	141.4	146.9	170.0	216.4	252.6	236.7	236.6	248.5	286.8
52.5°	153.2	179.2	188.9	214.8	263.1	298.2	320.7	344.1	369.7	395.9	422.4
50°	224.8	250.1	278.8	305.2	372.2	408.2	402.2	450.6	512.5	551.2	571.1
47.5°	329.7	369.6	430.2	525.1	575.1	611.2	656.1	710.9	781.9	878.1	952.2
45°	453.3	515.9	609.6	710.5	788.0	823.4	874.8	959.7	1072.8	1183.0	1263.4
42.5°	554.3	640.1	745.9	842.3	905.6	963.6	1030.2	1101.8	1231.3	1348.9	1441.9
40°	686.1	753.0	871.6	962.5	1019.1	1076.6	1182.2	1289.3	1411.1	1520.7	1596.9
37.5°	853.1	928.4	1051.8	1154.5	1209.1	1229.4	1408.9	1558.0	1657.0	1796.9	1842.7
35°	1032.6	1156.5	1313.8	1446.9	1500.4	1607.1	1792.0	2000.0	2225.4	2308.4	2379.1
32.5°	1232.8	1385.7	1599.0	1742.0	1818.2	1980.2	2214.1	2436.2	2731.0	2891.0	2938.8
30°	1416.0	1591.4	1774.7	1913.6	2044.1	2239.2	2452.5	2726.4	2998.9	3203.5	3267.0
27.5°	1550.4	1744.5	1920.7	2050.8	2198.1	2408.4	2674.4	2951.7	3219.2	3427.9	3502.1
25°	1678.7	1898.0	2037.6	2188.9	2361.7	2591.0	2885.7	3193.9	3457.4	3633.8	3724.7
22.5°	1824.7	2040.9	2190.7	2318.9	2544.9	2809.0	3082.6	3430.8	3710.1	3850.8	3949.3
20°	1975.3	2219.9	2451.4	2570.6	2766.2	3100.6	3406.9	3735.6	4005.2	4151.9	4255.7
17.5°	2185.4	2497.3	2781.2	2949.9	3159.4	3559.2	3941.4	4273.9	4649.0	4781.4	4908.4
15°	2407.0	2767.9	3100.5	3367.9	3638.4	4034.6	4526.6	4927.8	5355.8	5547.0	5763.0
12.5°	2627.9	2969.5	3270.8	3615.7	3997.0	4347.4	4815.8	5315.5	5703.9	5947.6	6093.1
10°	2793.1	3110.3	3400.2	3746.0	4126.5	4522.9	4988.4	5500.6	5907.2	6115.2	6233.9
7.5°	2882.2	3185.8	3491.6	3842.0	4220.9	4643.1	5122.7	5630.8	6046.5	6248.0	6365.2
5°	2948.4	3240.0	3556.6	3925.5	4308.5	4736.6	5215.5	5717.7	6096.7	6310.8	6459.1
2.5°	2988.5	3274.4	3598.1	3979.5	4363.4	4809.3	5311.3	5831.9	6163.5	6335.7	6472.1
0°	3000.1	3288.0	3621.3	4007.7	4401.7	4851.2	5348.7	5863.9	6199.7	6366.4	6505.3
-2.5°	3013.2	3309.6	3652.1	4026.1	4416.7	4864.9	5372.7	5874.7	6176.9	6345.0	6477.2
-5°	3004.0	3311.3	3652.8	4010.9	4404.1	4848.7	5336.3	5805.6	6121.7	6303.5	6434.9
-7.5°	2976.9	3288.5	3626.4	3970.6	4356.3	4806.0	5291.5	5743.4	6063.6	6255.3	6399.1
-10°	2937.3	3239.8	3580.1	3928.7	4309.8	4737.8	5215.8	5665.1	5971.5	6175.1	6342.7
-12.5°	2893.5	3189.7	3517.7	3852.1	4229.0	4651.7	5114.8	5540.1	5844.8	6066.8	6186.5
-15°	2828.5	3124.6	3438.1	3761.6	4128.9	4539.1	4981.5	5389.5	5688.6	5869.3	6001.6
-17.5°	2745.9	3036.4	3333.6	3640.4	3986.5	4390.4	4835.5	5237.9	5481.8	5643.2	5773.2
-20°	2657.4	2926.0	3207.6	3497.1	3832.6	4232.7	4669.8	5020.8	5250.6	5405.7	5528.5



REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	2556.3	2815.0	3072.7	3349.5	3678.4	4045.3	4431.4	4770.6	5017.7	5158.9	5272.4
-25°	2440.9	2692.6	2937.3	3204.6	3506.9	3836.7	4195.7	4529.0	4750.3	4900.3	5012.8
-27.5°	2316.6	2553.0	2792.2	3032.2	3304.0	3632.5	3965.0	4274.7	4463.5	4614.7	4727.9
-30°	2192.5	2405.2	2626.5	2853.7	3108.8	3405.0	3716.0	3976.4	4175.6	4322.5	4427.6
-32.5°	2058.1	2259.9	2456.0	2668.3	2908.4	3169.5	3442.5	3690.2	3903.0	4037.6	4126.2
-35°	1920.5	2115.8	2295.2	2488.0	2699.8	2925.1	3177.0	3421.3	3631.5	3738.0	3824.3
-37.5°	1777.0	1971.8	2141.9	2303.0	2485.4	2694.1	2939.4	3172.5	3354.1	3445.7	3523.5
-40°	1652.3	1823.8	1976.9	2131.0	2279.4	2464.6	2693.6	2919.3	3065.0	3154.2	3226.5
-42.5°	1531.3	1675.9	1801.3	1939.4	2087.9	2270.6	2455.3	2644.5	2761.7	2860.7	2936.8
-45°	1390.3	1519.6	1637.1	1752.0	1887.5	2054.2	2222.1	2373.7	2483.3	2579.0	2653.1
-47.5°	1234.4	1359.2	1473.3	1576.0	1701.9	1841.0	1982.3	2108.4	2216.8	2311.3	2377.4
-50°	1089.0	1200.5	1312.0	1415.9	1525.0	1637.6	1752.2	1862.9	1965.7	2057.6	2113.9
-52.5°	958.8	1061.7	1159.1	1250.0	1345.4	1440.5	1535.5	1636.9	1731.5	1818.5	1863.4
-55°	841.0	933.8	1021.7	1098.3	1174.8	1250.2	1331.6	1425.2	1512.4	1592.9	1625.2
-57.5°	735.3	814.7	892.5	957.2	1019.8	1079.7	1151.2	1230.2	1306.4	1375.5	1401.9
-60°	638.0	701.0	766.1	823.6	878.0	929.5	991.8	1055.4	1117.2	1169.2	1191.7
-62.5°	548.5	602.5	651.7	698.4	744.6	790.9	841.2	891.7	941.6	981.7	1002.0
-65°	462.3	505.2	544.8	583.2	620.5	659.3	698.7	737.1	774.1	802.7	820.3
-67.5°	381.3	413.9	445.3	475.3	506.5	538.0	568.8	598.2	625.9	648.1	664.9
-70°	309.5	334.8	359.4	384.1	410.2	434.7	457.9	479.9	500.6	516.5	529.5
-72.5°	249.5	270.0	291.2	313.5	334.5	352.9	369.5	385.6	401.0	410.1	416.8
-75°	201.1	218.4	236.9	254.9	272.5	286.4	298.6	310.5	321.9	322.5	320.2
-77.5°	162.5	177.9	192.2	206.4	220.4	229.0	236.5	244.2	252.0	247.5	240.4
-80°	119.3	132.1	144.3	156.5	168.7	173.8	177.3	180.3	182.9	177.0	169.7
-82.5°	79.2	87.3	95.1	103.2	111.3	114.6	117.0	119.0	120.6	115.3	109.1
-85°	44.2	48.1	51.9	55.7	59.6	61.9	63.9	65.8	67.6	64.4	60.8
-87.5°	18.4	19.2	20.1	20.9	21.7	22.6	23.4	24.2	25.0	25.1	25.1
-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: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	14.6
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°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.3	1.6	1.8	1.8
62.5°	4.7	4.9	5.0	5.1	5.0	4.9	4.7	4.5	4.3	4.5	4.8
60°	8.9	7.8	7.6	7.6	7.6	7.8	8.9	9.7	10.0	14.7	17.2
57.5°	70.0	59.9	61.5	68.2	61.5	59.9	70.0	75.8	76.2	88.5	89.0
55°	327.1	365.2	378.6	371.2	378.6	365.2	327.1	286.8	248.5	236.6	236.7
52.5°	443.3	458.9	464.9	464.7	464.9	458.9	443.3	422.4	395.9	369.7	344.1
50°	577.1	571.8	563.6	555.6	563.6	571.8	577.1	571.1	551.2	512.5	450.6
47.5°	963.1	946.4	939.3	952.1	939.3	946.4	963.1	952.2	878.1	781.9	710.9
45°	1279.8	1299.3	1313.9	1313.2	1313.9	1299.3	1279.8	1263.4	1183.0	1072.8	959.7
42.5°	1460.1	1470.6	1473.6	1469.8	1473.6	1470.6	1460.1	1441.9	1348.9	1231.3	1101.8
40°	1620.8	1633.2	1640.2	1646.5	1640.2	1633.2	1620.8	1596.9	1520.7	1411.1	1289.3
37.5°	1857.8	1862.3	1852.4	1846.0	1852.4	1862.3	1857.8	1842.7	1796.9	1657.0	1558.0
35°	2438.6	2450.6	2423.0	2452.1	2423.0	2450.6	2438.6	2379.1	2308.4	2225.4	2000.0
32.5°	2995.8	3051.5	3096.6	3134.0	3096.6	3051.5	2995.8	2938.8	2891.0	2731.0	2436.2
30°	3311.4	3347.4	3366.7	3371.3	3366.7	3347.4	3311.4	3267.0	3203.5	2998.9	2726.4
27.5°	3543.1	3580.8	3604.3	3621.3	3604.3	3580.8	3543.1	3502.1	3427.9	3219.2	2951.7
25°	3766.4	3800.9	3824.4	3833.5	3824.4	3800.9	3766.4	3724.7	3633.8	3457.4	3193.9
22.5°	3998.1	4022.1	4044.6	4055.7	4044.6	4022.1	3998.1	3949.3	3850.8	3710.1	3430.8
20°	4330.3	4317.3	4337.9	4331.0	4337.9	4317.3	4330.3	4255.7	4151.9	4005.2	3735.6
17.5°	5007.4	5014.3	5028.1	5050.7	5028.1	5014.3	5007.4	4908.4	4781.4	4649.0	4273.9
15°	5858.8	5875.9	5963.0	6040.6	5963.0	5875.9	5858.8	5763.0	5547.0	5355.8	4927.8
12.5°	6228.0	6287.3	6296.5	6318.4	6296.5	6287.3	6228.0	6093.1	5947.6	5703.9	5315.5
10°	6351.3	6453.9	6451.7	6477.5	6451.7	6453.9	6351.3	6233.9	6115.2	5907.2	5500.6
7.5°	6444.8	6555.0	6601.6	6621.5	6601.6	6555.0	6444.8	6365.2	6248.0	6046.5	5630.8
5°	6559.0	6619.6	6700.1	6677.0	6700.1	6619.6	6559.0	6459.1	6310.8	6096.7	5717.7
2.5°	6606.8	6701.8	6679.8	6702.3	6679.8	6701.8	6606.8	6472.1	6335.7	6163.5	5831.9
0°	6639.1	6707.3	6717.4	6740.2	6717.4	6707.3	6639.1	6505.3	6366.4	6199.7	5863.9
-2.5°	6600.0	6660.0	6765.1	6732.6	6765.1	6660.0	6600.0	6477.2	6345.0	6176.9	5874.7
-5°	6565.6	6713.3	6655.9	6727.5	6655.9	6713.3	6565.6	6434.9	6303.5	6121.7	5805.6
-7.5°	6547.9	6574.4	6612.4	6666.9	6612.4	6574.4	6547.9	6399.1	6255.3	6063.6	5743.4
-10°	6410.8	6437.9	6507.8	6545.7	6507.8	6437.9	6410.8	6342.7	6175.1	5971.5	5665.1
-12.5°	6262.2	6314.5	6387.9	6411.9	6387.9	6314.5	6262.2	6186.5	6066.8	5844.8	5540.1
-15°	6090.9	6168.6	6240.2	6255.3	6240.2	6168.6	6090.9	6001.6	5869.3	5688.6	5389.5
-17.5°	5873.2	5966.4	6041.6	6058.3	6041.6	5966.4	5873.2	5773.2	5643.2	5481.8	5237.9
-20°	5633.3	5722.5	5786.5	5805.8	5786.5	5722.5	5633.3	5528.5	5405.7	5250.6	5020.8



REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	5376.4	5456.7	5510.8	5502.7	5510.8	5456.7	5376.4	5272.4	5158.9	5017.7	4770.6
-25°	5103.7	5178.2	5229.7	5222.4	5229.7	5178.2	5103.7	5012.8	4900.3	4750.3	4529.0
-27.5°	4815.3	4886.0	4935.5	4937.1	4935.5	4886.0	4815.3	4727.9	4614.7	4463.5	4274.7
-30°	4512.3	4576.5	4616.8	4601.2	4616.8	4576.5	4512.3	4427.6	4322.5	4175.6	3976.4
-32.5°	4199.8	4257.9	4294.7	4305.7	4294.7	4257.9	4199.8	4126.2	4037.6	3903.0	3690.2
-35°	3891.6	3942.8	3974.6	3982.5	3974.6	3942.8	3891.6	3824.3	3738.0	3631.5	3421.3
-37.5°	3585.4	3629.4	3651.6	3641.6	3651.6	3629.4	3585.4	3523.5	3445.7	3354.1	3172.5
-40°	3282.7	3324.6	3350.1	3356.2	3350.1	3324.6	3282.7	3226.5	3154.2	3065.0	2919.3
-42.5°	2985.2	3020.0	3042.4	3053.1	3042.4	3020.0	2985.2	2936.8	2860.7	2761.7	2644.5
-45°	2696.4	2727.5	2748.5	2760.2	2748.5	2727.5	2696.4	2653.1	2579.0	2483.3	2373.7
-47.5°	2415.4	2442.7	2460.9	2469.8	2460.9	2442.7	2415.4	2377.4	2311.3	2216.8	2108.4
-50°	2146.8	2170.5	2187.4	2197.1	2187.4	2170.5	2146.8	2113.9	2057.6	1965.7	1862.9
-52.5°	1892.0	1912.7	1927.1	1934.4	1927.1	1912.7	1892.0	1863.4	1818.5	1731.5	1636.9
-55°	1648.7	1665.5	1678.8	1686.9	1678.8	1665.5	1648.7	1625.2	1592.9	1512.4	1425.2
-57.5°	1421.8	1435.5	1448.1	1457.1	1448.1	1435.5	1421.8	1401.9	1375.5	1306.4	1230.2
-60°	1209.5	1222.4	1233.1	1239.9	1233.1	1222.4	1209.5	1191.7	1169.2	1117.2	1055.4
-62.5°	1017.8	1029.2	1039.1	1045.5	1039.1	1029.2	1017.8	1002.0	981.7	941.6	891.7
-65°	834.1	844.3	851.7	856.1	851.7	844.3	834.1	820.3	802.7	774.1	737.1
-67.5°	679.2	691.1	693.4	691.9	693.4	691.1	679.2	664.9	648.1	625.9	598.2
-70°	541.0	551.0	553.4	553.1	553.4	551.0	541.0	529.5	516.5	500.6	479.9
-72.5°	423.0	428.4	423.8	416.7	423.8	428.4	423.0	416.8	410.1	401.0	385.6
-75°	317.5	314.0	309.0	303.0	309.0	314.0	317.5	320.2	322.5	321.9	310.5
-77.5°	232.5	223.9	218.3	212.1	218.3	223.9	232.5	240.4	247.5	252.0	244.2
-80°	161.8	153.4	147.6	141.4	147.6	153.4	161.8	169.7	177.0	182.9	180.3
-82.5°	102.6	95.6	92.1	88.4	92.1	95.6	102.6	109.1	115.3	120.6	119.0
-85°	56.9	52.8	50.5	48.0	50.5	52.8	56.9	60.8	64.4	67.6	65.8
-87.5°	25.2	25.3	24.0	22.7	24.0	25.3	25.2	25.1	25.1	25.0	24.2
-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: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	13.9	13.3	12.6	12.0	11.4	10.7	10.1	9.5	8.9	8.2	7.6
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	0.1	0.1	0.0	0.0	0.2	0.3	0.1	0.0	0.3
67.5°	0.0	0.0	0.4	1.0	1.3	1.3	1.1	1.3	1.5	1.4	1.3
65°	1.5	1.0	0.6	1.2	1.9	2.5	2.6	2.3	2.3	2.6	3.1
62.5°	5.1	5.4	4.6	3.9	3.3	3.7	4.0	4.3	3.7	3.0	3.9
60°	15.2	9.3	13.5	14.5	11.5	10.0	14.9	14.2	7.4	6.4	5.7
57.5°	73.3	61.3	67.3	61.1	41.8	36.5	37.8	36.1	32.7	20.0	8.6
55°	252.6	216.4	170.0	146.9	141.4	108.2	80.6	67.3	61.0	44.1	29.2
52.5°	320.7	298.2	263.1	214.8	188.9	179.2	153.2	122.6	97.3	77.8	55.9
50°	402.2	408.2	372.2	305.2	278.8	250.1	224.8	189.4	157.5	126.3	93.2
47.5°	656.1	611.2	575.1	525.1	430.2	369.6	329.7	271.7	227.9	190.2	149.4
45°	874.8	823.4	788.0	710.5	609.6	515.9	453.3	380.6	303.1	252.7	215.7
42.5°	1030.2	963.6	905.6	842.3	745.9	640.1	554.3	482.3	400.9	319.1	269.9
40°	1182.2	1076.6	1019.1	962.5	871.6	753.0	686.1	580.4	495.4	404.7	337.4
37.5°	1408.9	1229.4	1209.1	1154.5	1051.8	928.4	853.1	748.9	591.2	505.7	428.4
35°	1792.0	1607.1	1500.4	1446.9	1313.8	1156.5	1032.6	935.2	778.8	610.4	521.3
32.5°	2214.1	1980.2	1818.2	1742.0	1599.0	1385.7	1232.8	1108.9	952.0	761.4	618.5
30°	2452.5	2239.2	2044.1	1913.6	1774.7	1591.4	1416.0	1241.1	1070.6	913.0	723.8
27.5°	2674.4	2408.4	2198.1	2050.8	1920.7	1744.5	1550.4	1362.9	1175.6	1019.9	851.1
25°	2885.7	2591.0	2361.7	2188.9	2037.6	1898.0	1678.7	1473.8	1278.5	1106.4	974.4
22.5°	3082.6	2809.0	2544.9	2318.9	2190.7	2040.9	1824.7	1576.5	1385.6	1240.9	1085.5
20°	3406.9	3100.6	2766.2	2570.6	2451.4	2219.9	1975.3	1729.9	1554.6	1388.8	1206.1
17.5°	3941.4	3559.2	3159.4	2949.9	2781.2	2497.3	2185.4	1942.0	1723.1	1538.4	1337.4
15°	4526.6	4034.6	3638.4	3367.9	3100.5	2767.9	2407.0	2144.1	1895.4	1687.5	1457.9
12.5°	4815.8	4347.4	3997.0	3615.7	3270.8	2969.5	2627.9	2338.0	2055.7	1784.8	1532.5
10°	4988.4	4522.9	4126.5	3746.0	3400.2	3110.3	2793.1	2449.6	2136.0	1849.3	1594.7
7.5°	5122.7	4643.1	4220.9	3842.0	3491.6	3185.8	2882.2	2522.1	2200.2	1901.4	1644.6
5°	5215.5	4736.6	4308.5	3925.5	3556.6	3240.0	2948.4	2577.0	2248.0	1940.9	1682.5
2.5°	5311.3	4809.3	4363.4	3979.5	3598.1	3274.4	2988.5	2619.0	2286.9	1970.3	1714.1
0°	5348.7	4851.2	4401.7	4007.7	3621.3	3288.0	3000.1	2646.6	2313.2	1987.4	1734.9
-2.5°	5372.7	4864.9	4416.7	4026.1	3652.1	3309.6	3013.2	2677.5	2321.6	2005.9	1740.7
-5°	5336.3	4848.7	4404.1	4010.9	3652.8	3311.3	3004.0	2682.1	2319.5	2010.8	1736.2
-7.5°	5291.5	4806.0	4356.3	3970.6	3626.4	3288.5	2976.9	2662.0	2311.5	2002.8	1727.7
-10°	5215.8	4737.8	4309.8	3928.7	3580.1	3239.8	2937.3	2623.9	2285.7	1979.9	1707.6
-12.5°	5114.8	4651.7	4229.0	3852.1	3517.7	3189.7	2893.5	2571.2	2241.7	1941.7	1675.8
-15°	4981.5	4539.1	4128.9	3761.6	3438.1	3124.6	2828.5	2513.0	2198.7	1894.6	1632.3
-17.5°	4835.5	4390.4	3986.5	3640.4	3333.6	3036.4	2745.9	2451.9	2149.2	1850.5	1593.1
-20°	4669.8	4232.7	3832.6	3497.1	3207.6	2926.0	2657.4	2383.4	2080.5	1799.7	1551.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	4431.4	4045.3	3678.4	3349.5	3072.7	2815.0	2556.3	2291.4	1991.4	1736.1	1495.9
-25°	4195.7	3836.7	3506.9	3204.6	2937.3	2692.6	2440.9	2178.3	1912.1	1661.4	1427.3
-27.5°	3965.0	3632.5	3304.0	3032.2	2792.2	2553.0	2316.6	2068.1	1823.1	1577.4	1363.0
-30°	3716.0	3405.0	3108.8	2853.7	2626.5	2405.2	2192.5	1960.6	1719.5	1486.3	1293.5
-32.5°	3442.5	3169.5	2908.4	2668.3	2456.0	2259.9	2058.1	1838.2	1600.0	1401.2	1213.0
-35°	3177.0	2925.1	2699.8	2488.0	2295.2	2115.8	1920.5	1700.2	1491.1	1304.5	1122.2
-37.5°	2939.4	2694.1	2485.4	2303.0	2141.9	1971.8	1777.0	1581.6	1385.0	1196.9	1037.8
-40°	2693.6	2464.6	2279.4	2131.0	1976.9	1823.8	1652.3	1470.7	1276.6	1092.8	955.0
-42.5°	2455.3	2270.6	2087.9	1939.4	1801.3	1675.9	1531.3	1347.9	1169.5	1009.9	877.4
-45°	2222.1	2054.2	1887.5	1752.0	1637.1	1519.6	1390.3	1223.6	1063.4	926.3	801.3
-47.5°	1982.3	1841.0	1701.9	1576.0	1473.3	1359.2	1234.4	1093.1	961.8	838.3	727.6
-50°	1752.2	1637.6	1525.0	1415.9	1312.0	1200.5	1089.0	975.0	857.9	750.2	649.8
-52.5°	1535.5	1440.5	1345.4	1250.0	1159.1	1061.7	958.8	857.4	754.4	664.4	574.7
-55°	1331.6	1250.2	1174.8	1098.3	1021.7	933.8	841.0	749.7	667.4	584.8	511.7
-57.5°	1151.2	1079.7	1019.8	957.2	892.5	814.7	735.3	658.1	589.9	521.5	453.8
-60°	991.8	929.5	878.0	823.6	766.1	701.0	638.0	576.9	517.9	462.1	403.8
-62.5°	841.2	790.9	744.6	698.4	651.7	602.5	548.5	499.2	453.5	406.5	353.8
-65°	698.7	659.3	620.5	583.2	544.8	505.2	462.3	423.3	385.9	347.8	302.3
-67.5°	568.8	538.0	506.5	475.3	445.3	413.9	381.3	348.8	318.4	287.3	250.2
-70°	457.9	434.7	410.2	384.1	359.4	334.8	309.5	283.2	255.4	230.0	204.6
-72.5°	369.5	352.9	334.5	313.5	291.2	270.0	249.5	229.0	207.8	186.1	164.0
-75°	298.6	286.4	272.5	254.9	236.9	218.4	201.1	183.5	164.1	143.1	122.5
-77.5°	236.5	229.0	220.4	206.4	192.2	177.9	162.5	143.2	123.6	104.1	87.2
-80°	177.3	173.8	168.7	156.5	144.3	132.1	119.3	102.4	85.7	70.0	57.4
-82.5°	117.0	114.6	111.3	103.2	95.1	87.3	79.2	67.5	56.3	45.7	36.3
-85°	63.9	61.9	59.6	55.7	51.9	48.1	44.2	37.7	31.7	26.0	20.9
-87.5°	23.4	22.6	21.7	20.9	20.1	19.2	18.4	16.5	14.6	12.8	11.1
-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: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.0	6.4	5.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8
82.5°	0.0	0.0	0.0	0.0	0.4	0.6	0.7	0.7	0.4	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.6	1.3	1.6	1.7	1.3	0.9	0.5
77.5°	0.0	0.0	0.0	0.0	0.3	0.7	1.4	2.3	2.3	1.7	1.2
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.5	1.3	2.0	2.5	2.0
72.5°	0.0	0.0	0.0	0.3	0.7	0.7	0.4	0.4	1.4	2.1	2.5
70°	0.4	0.1	0.0	0.4	1.0	1.5	1.4	1.1	1.0	1.8	2.4
67.5°	1.2	1.3	0.9	0.7	1.1	1.7	2.3	2.2	2.0	1.6	2.3
65°	2.9	2.7	2.5	2.2	1.9	1.8	2.4	3.1	2.9	2.5	2.3
62.5°	4.4	4.4	4.1	3.7	3.3	2.8	2.6	3.5	3.8	3.4	2.8
60°	5.7	6.0	5.7	5.2	4.7	4.2	3.8	3.9	4.4	4.3	3.6
57.5°	7.9	7.7	7.5	6.9	6.1	5.4	5.1	4.9	5.1	5.0	4.4
55°	13.9	9.6	9.7	9.0	7.7	6.7	6.4	6.2	5.9	5.8	5.2
52.5°	35.1	19.5	12.5	11.5	10.0	8.2	7.7	7.4	7.0	6.6	5.9
50°	64.8	42.0	23.8	14.9	12.7	10.8	9.0	8.5	8.0	7.5	6.6
47.5°	103.7	72.1	46.9	23.5	16.4	13.5	11.2	9.7	9.1	8.4	7.3
45°	159.7	106.2	73.7	46.5	21.8	18.7	13.9	10.9	10.1	9.3	8.0
42.5°	222.2	155.9	103.4	70.3	41.7	25.8	16.6	13.2	11.2	10.3	8.7
40°	283.5	215.4	138.8	96.9	62.9	34.6	23.9	15.7	12.2	11.3	9.6
37.5°	351.3	278.4	194.4	125.4	84.6	52.9	32.8	18.3	13.9	12.3	10.5
35°	435.2	348.3	250.1	167.0	112.0	69.8	42.6	23.3	17.1	13.4	11.4
32.5°	518.9	418.0	310.3	215.4	140.7	85.4	55.5	33.3	20.8	14.6	12.4
30°	603.2	481.9	367.0	260.3	173.7	110.4	69.3	43.0	25.1	15.8	13.3
27.5°	679.1	542.2	420.0	307.1	212.4	136.9	83.8	52.4	29.8	17.9	14.3
25°	764.9	607.4	472.2	351.9	247.8	164.5	98.6	61.6	36.7	21.5	15.3
22.5°	875.2	674.4	520.5	392.4	282.8	190.8	117.7	73.8	44.3	25.4	16.3
20°	984.9	739.8	567.9	443.3	321.0	220.5	139.7	85.8	51.5	29.4	17.3
17.5°	1092.5	823.6	636.9	495.2	361.7	248.2	160.3	97.7	58.3	33.5	18.2
15°	1189.0	919.6	704.7	544.3	401.6	273.9	179.4	109.3	64.7	37.6	19.5
12.5°	1270.0	1002.4	768.5	590.3	440.1	297.3	196.8	120.3	70.6	42.1	21.3
10°	1337.0	1072.4	827.7	632.8	476.4	318.4	212.5	131.4	77.5	46.9	23.1
7.5°	1390.4	1130.3	881.5	671.4	509.4	338.1	229.4	143.0	84.1	51.5	25.0
5°	1430.7	1175.4	923.1	699.1	535.6	356.3	244.9	153.8	90.3	55.8	26.8
2.5°	1456.9	1208.6	954.0	720.7	557.0	371.5	258.6	163.4	96.0	59.6	28.6
0°	1472.3	1232.4	977.3	737.4	573.3	383.9	270.2	171.7	101.0	63.1	30.3
-2.5°	1486.1	1248.0	997.7	766.4	584.5	404.2	277.6	179.2	109.0	65.6	33.4
-5°	1490.6	1254.8	1011.0	788.8	591.2	420.5	282.8	185.4	116.0	67.6	36.2
-7.5°	1482.9	1250.7	1015.7	801.6	594.4	432.1	285.9	190.2	121.7	69.2	38.7
-10°	1465.8	1237.2	1009.5	797.7	598.6	435.7	287.6	193.8	125.8	70.4	40.7
-12.5°	1440.5	1216.7	996.2	789.2	597.9	433.4	292.4	196.5	128.0	71.2	42.2
-15°	1407.3	1189.9	975.9	776.7	590.7	428.2	293.6	197.5	127.7	72.7	43.2
-17.5°	1368.3	1157.5	948.8	760.8	576.7	420.4	290.9	196.3	126.4	74.9	44.1
-20°	1329.2	1121.4	916.5	742.0	555.6	410.2	284.2	192.7	124.1	76.3	45.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	1283.3	1080.1	888.6	715.7	532.7	397.9	273.1	186.5	120.8	76.9	45.4
-25°	1230.7	1031.8	855.1	679.6	514.7	384.0	261.7	177.8	116.5	76.7	45.3
-27.5°	1171.1	980.2	815.7	640.0	496.0	364.6	250.8	171.4	112.9	75.6	44.6
-30°	1104.7	931.5	768.5	601.9	473.1	343.6	236.6	164.3	111.2	74.2	43.4
-32.5°	1033.0	876.8	717.8	572.9	447.1	321.8	224.1	156.2	108.5	72.4	43.4
-35°	965.9	817.3	666.0	539.5	419.5	308.9	215.8	147.1	104.5	69.9	43.7
-37.5°	894.0	754.9	625.0	504.5	390.4	294.1	209.0	143.1	99.5	66.6	43.5
-40°	824.8	695.7	577.6	471.3	368.9	277.4	198.3	138.6	94.6	62.7	42.9
-42.5°	754.8	640.0	532.2	435.1	348.6	261.3	184.7	131.8	90.7	60.5	41.9
-45°	690.3	582.5	483.9	403.5	326.1	240.6	174.1	123.1	85.9	58.8	41.0
-47.5°	622.5	523.9	439.8	369.0	296.7	218.2	160.8	116.3	80.1	56.7	40.4
-50°	552.6	468.5	398.5	331.0	260.6	199.4	146.5	108.2	78.0	55.0	39.4
-52.5°	491.4	419.8	356.3	292.0	233.4	177.5	135.7	99.5	75.2	53.6	38.0
-55°	438.7	373.5	314.8	260.0	207.4	161.4	123.4	95.4	71.8	51.9	36.3
-57.5°	392.1	330.6	280.7	231.4	185.7	145.9	114.8	90.4	68.2	49.4	34.8
-60°	346.8	296.3	249.7	205.8	165.5	132.5	108.0	84.8	64.0	46.3	33.1
-62.5°	305.0	260.5	219.9	180.2	147.4	121.6	100.3	78.2	59.0	42.5	30.8
-65°	261.1	223.2	188.8	157.7	131.0	108.8	90.3	70.7	52.3	37.9	27.9
-67.5°	215.4	187.6	160.8	134.9	113.0	94.4	78.9	60.8	44.5	32.5	24.5
-70°	179.4	154.9	132.2	111.9	94.1	78.9	64.5	49.1	35.9	27.8	20.9
-72.5°	142.8	122.8	104.2	88.0	75.4	62.5	49.3	37.6	29.8	23.0	17.1
-75°	105.7	92.2	80.1	68.8	57.4	46.1	37.6	29.9	23.5	17.9	14.4
-77.5°	76.7	67.0	58.1	50.9	43.1	35.5	28.4	21.9	17.8	14.8	12.1
-80°	52.1	47.0	42.1	37.1	30.7	24.8	20.5	16.9	14.3	12.0	9.8
-82.5°	32.8	30.1	27.6	25.1	21.4	18.1	15.2	12.7	10.8	9.0	7.9
-85°	19.4	18.0	16.6	15.2	13.1	11.3	10.5	9.7	8.9	8.0	7.2
-87.5°	11.0	10.8	10.6	10.5	9.9	9.5	9.0	8.7	7.9	7.2	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9

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Scaled Data Report



REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.1	4.5	3.8	3.1	2.5	2.5	2.5
87.5°	1.9	2.1	2.3	2.4	2.5	2.5	2.5
85°	1.2	1.7	2.1	2.3	2.5	2.5	2.5
82.5°	0.6	1.3	1.9	2.3	2.5	2.5	2.5
80°	0.1	0.9	1.7	2.2	2.5	2.5	2.5
77.5°	0.8	0.8	1.5	2.1	2.5	2.5	2.5
75°	1.4	1.2	1.4	2.1	2.5	2.5	2.5
72.5°	2.0	1.6	1.6	2.0	2.5	2.5	2.5
70°	2.5	2.0	1.8	2.0	2.5	2.5	2.5
67.5°	2.6	2.3	2.0	2.1	2.5	2.5	2.5
65°	2.7	2.6	2.2	2.2	2.5	2.5	2.5
62.5°	2.8	2.8	2.3	2.2	2.5	2.5	2.5
60°	3.0	3.0	2.5	2.3	2.5	2.5	2.5
57.5°	3.6	3.3	2.7	2.4	2.5	2.5	2.5
55°	4.2	3.5	3.0	2.4	2.6	2.5	2.5
52.5°	4.9	3.9	3.3	2.5	2.6	2.5	2.5
50°	5.5	4.4	3.6	2.5	2.7	2.5	2.5
47.5°	6.1	4.9	3.9	2.6	2.7	2.5	2.5
45°	6.7	5.4	4.2	2.8	2.8	2.5	2.5
42.5°	7.3	5.9	4.5	3.0	2.9	2.5	2.5
40°	7.8	6.4	4.9	3.4	3.0	2.5	2.5
37.5°	8.4	6.8	5.2	3.7	3.1	2.5	2.5
35°	8.9	7.3	5.6	4.0	3.2	2.5	2.5
32.5°	9.5	7.7	5.9	4.4	3.3	2.5	2.5
30°	10.2	8.1	6.2	4.7	3.4	2.5	2.5
27.5°	11.0	8.5	6.6	5.0	3.6	2.5	2.5
25°	11.7	8.8	7.0	5.3	3.7	2.5	2.5
22.5°	12.5	9.2	7.4	5.6	3.9	2.5	2.5
20°	13.2	9.7	7.8	5.8	4.0	2.5	2.5
17.5°	13.9	10.1	8.1	6.1	4.1	2.5	2.5
15°	14.7	10.5	8.4	6.4	4.3	2.5	2.5
12.5°	15.3	10.9	8.8	6.6	4.4	2.5	2.5
10°	15.9	11.3	9.1	6.8	4.6	2.5	2.5
7.5°	16.4	11.7	9.4	7.0	4.7	2.5	2.5
5°	16.9	12.0	9.6	7.2	4.9	2.5	2.5
2.5°	17.3	12.3	9.9	7.4	5.0	2.5	2.5
0°	17.7	12.6	10.1	7.6	5.1	2.5	2.5
-2.5°	18.7	12.9	10.3	7.6	5.1	2.5	2.5
-5°	19.6	13.1	10.5	7.6	5.1	2.5	2.5
-7.5°	20.4	13.4	10.7	7.5	5.1	2.5	2.5
-10°	21.0	13.6	10.8	7.5	5.0	2.5	2.5
-12.5°	21.5	13.7	10.8	7.4	5.0	2.5	2.5
-15°	21.8	13.9	10.9	7.3	4.9	2.5	2.5
-17.5°	21.9	14.0	10.9	7.3	4.9	2.5	2.5
-20°	22.5	14.1	10.8	7.1	4.8	2.5	2.5

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REPORT NUMBER: P626930 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.0	14.1	10.7	7.0	4.7	2.5	2.5
-25°	25.1	15.0	10.5	6.9	4.6	2.5	2.5
-27.5°	26.0	16.2	10.2	6.7	4.5	2.5	2.5
-30°	26.7	17.2	10.0	6.6	4.4	2.5	2.5
-32.5°	27.0	18.0	10.4	6.4	4.3	2.5	2.5
-35°	27.7	18.7	10.6	6.2	4.2	2.5	2.5
-37.5°	28.5	19.1	10.8	6.0	4.0	2.5	2.5
-40°	28.9	19.3	10.9	5.8	3.9	2.5	2.5
-42.5°	29.1	19.3	11.0	5.7	3.7	2.5	2.5
-45°	28.9	19.1	11.0	5.8	3.6	2.5	2.5
-47.5°	28.5	18.9	11.0	5.7	3.4	2.5	2.5
-50°	27.9	18.4	10.8	5.6	3.2	2.5	2.5
-52.5°	27.1	17.9	10.4	5.5	3.1	2.5	2.5
-55°	26.1	17.1	10.0	5.4	2.9	2.5	2.5
-57.5°	25.0	16.2	9.4	5.2	2.7	2.5	2.5
-60°	23.6	15.1	8.8	4.9	2.5	2.5	2.5
-62.5°	21.7	13.8	8.3	4.7	2.5	2.5	2.5
-65°	19.6	12.4	7.8	4.3	2.5	2.5	2.5
-67.5°	17.2	11.2	7.1	4.0	2.5	2.5	2.5
-70°	14.7	10.1	6.5	3.6	2.5	2.5	2.5
-72.5°	13.0	9.0	5.8	3.5	2.5	2.5	2.5
-75°	11.3	7.9	5.0	3.5	2.5	2.5	2.5
-77.5°	9.5	6.6	4.8	3.5	2.5	2.5	2.5
-80°	7.7	6.0	4.6	3.4	2.5	2.5	2.5
-82.5°	7.0	5.6	4.4	3.4	2.5	2.5	2.5
-85°	6.4	5.2	4.2	3.3	2.5	2.5	2.5
-87.5°	5.7	4.9	4.0	3.2	2.5	2.5	2.5
-90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5

(END OF REPORT)