

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: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626970 (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-SA2D-730-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

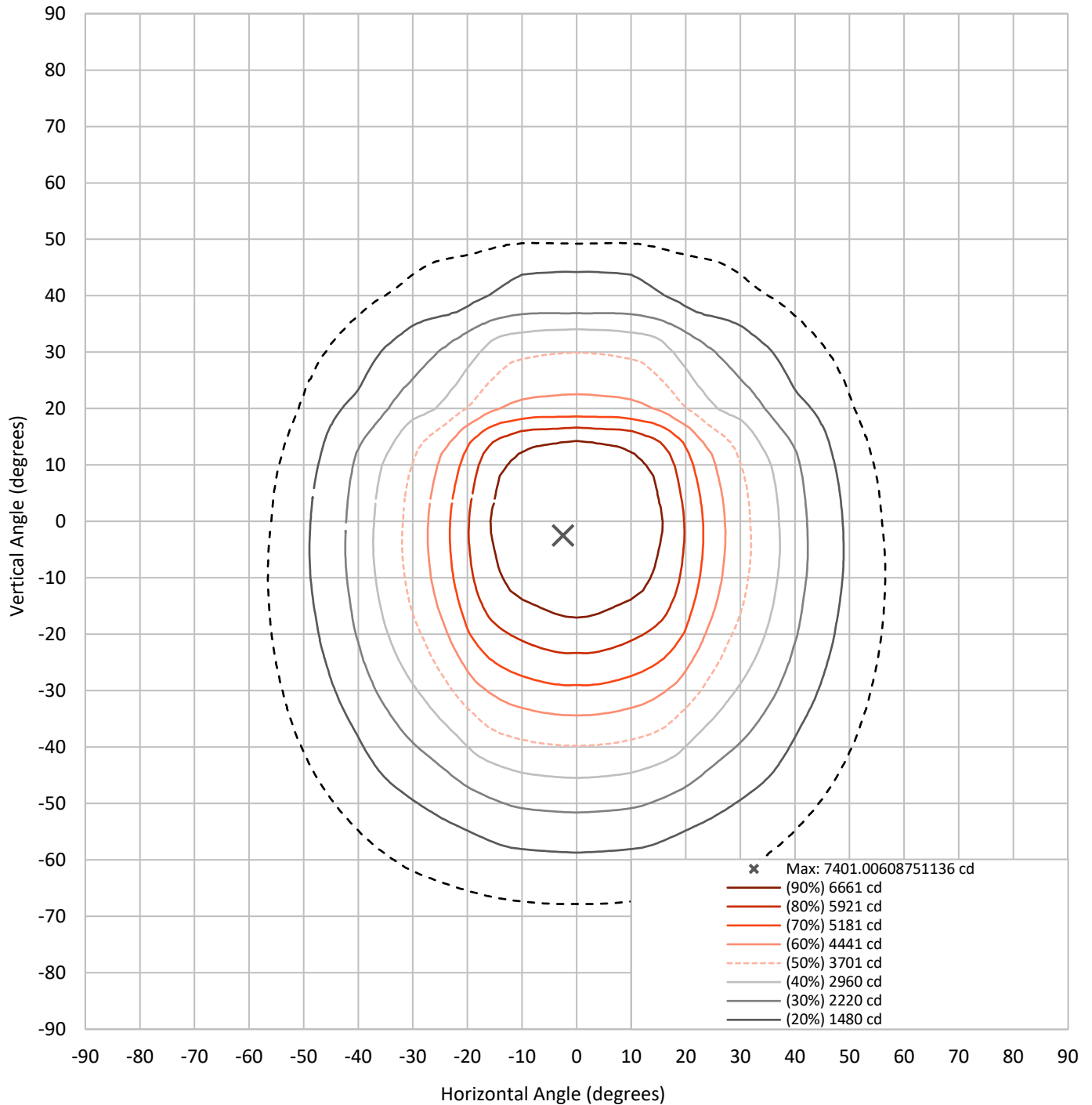
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9876.9 lumens	Max Intensity:	7401 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	90.9 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:	5714.4 lumens	Field Lumens:	9372.5 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	108.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





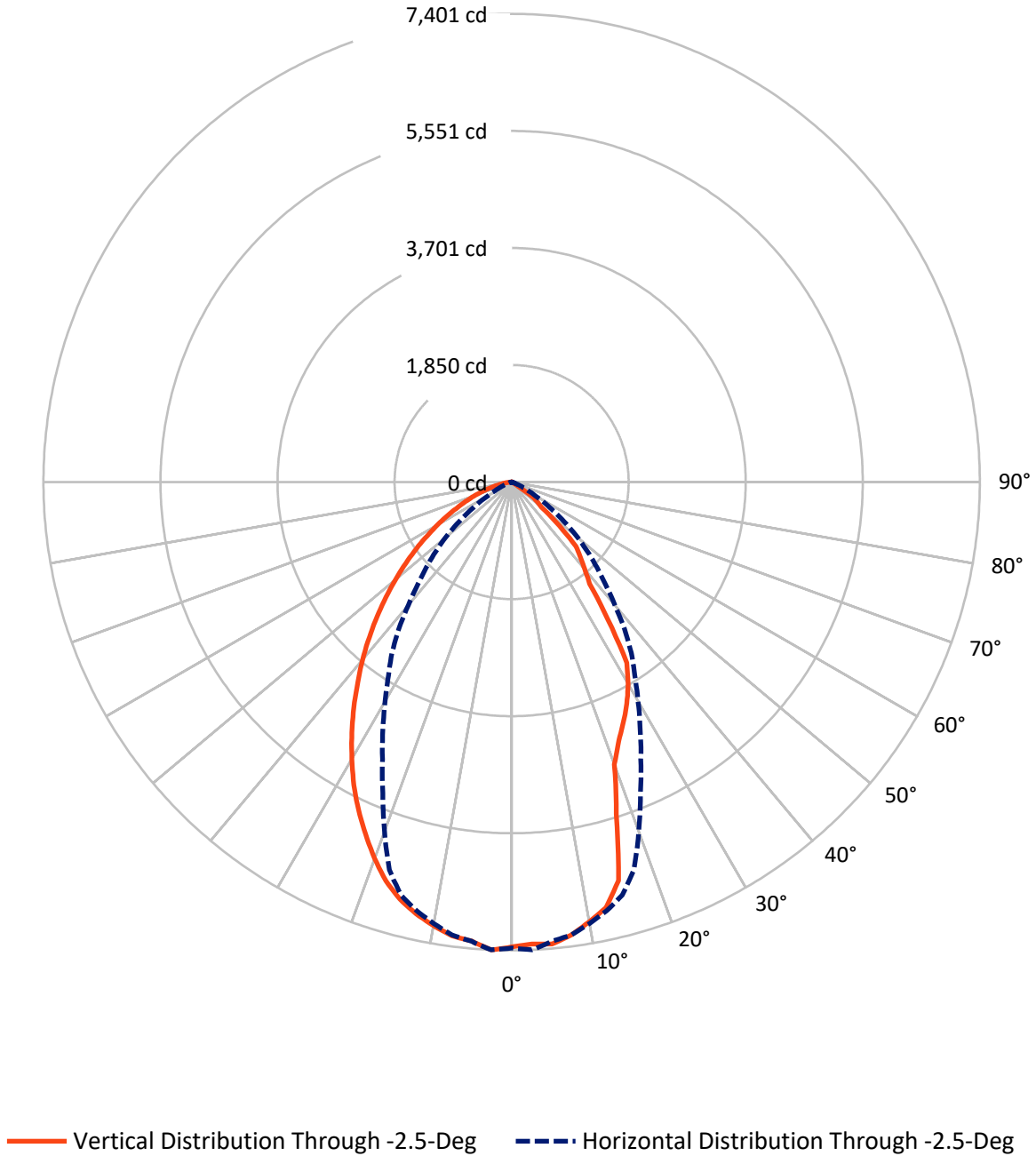
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Lumen Table

90																			
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	0.1	0.0	0.0	0.1			
50		0.1	0.2	0.9	2.7	5.2	7.7	9.6	9.6	7.7	5.2	2.7	0.9	0.2	0.1				
40	0.2	0.2	1.1	5.1	12.3	22.1	32.6	39.9	39.9	32.6	22.1	12.3	5.1	1.1	0.2	0.2			
30		0.5	3.7	12.8	28.6	46.4	69.6	81.4	81.4	69.6	46.4	28.6	12.8	3.7	0.5				
20	0.3	1.1	7.1	22.7	46.1	73.1	109.7	126.1	126.1	109.7	73.1	46.1	22.7	7.1	1.1	0.3			
10		1.9	10.9	33.6	66.4	109.4	162.8	186.7	186.7	162.8	109.4	66.4	33.6	10.9	1.9				
0	0.5	2.6	14.1	40.0	79.5	130.7	192.2	218.2	218.2	192.2	130.7	79.5	40.0	14.1	2.6	0.5			
-10		3.0	15.6	41.5	81.6	133.7	193.7	219.0	219.0	193.7	133.7	81.6	41.5	15.6	3.0				
-20	0.6	3.2	15.3	39.3	76.9	125.2	179.7	203.1	203.1	179.7	125.2	76.9	39.3	15.3	3.2	0.6			
-30		2.9	13.4	34.3	66.5	106.4	150.7	170.7	170.7	150.7	106.4	66.5	34.3	13.4	2.9				
-40	0.6	2.4	10.6	26.9	52.3	82.1	115.1	130.3	130.3	115.1	82.1	52.3	26.9	10.6	2.4	0.6			
-50		1.9	7.9	19.2	37.5	57.7	79.6	90.4	90.4	79.6	57.7	37.5	19.2	7.9	1.9				
-60	0.5	1.4	5.1	12.3	23.3	35.8	48.7	55.5	55.5	48.7	35.8	23.3	12.3	5.1	1.4	0.5			
-70		1.0	3.1	7.2	12.8	19.0	25.2	28.5	28.5	25.2	19.0	12.8	7.2	3.1	1.0				
-80	0.2	2.3	10.6	23.2	25.9	23.2	10.6	2.3	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

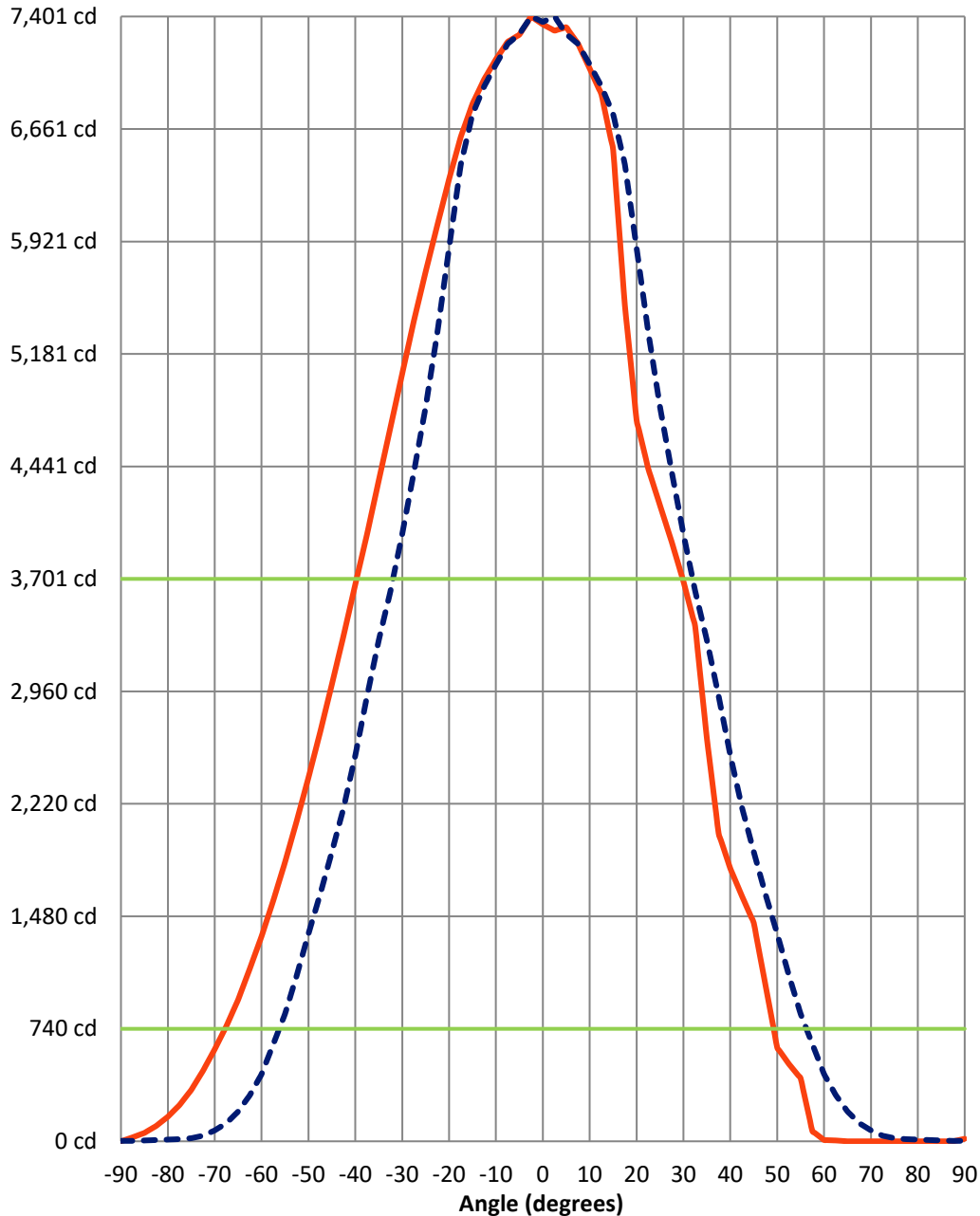
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 5714.4
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 9372.5
 Efficiency: 94.9%

Spill:
 Lumens: 504.4
 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°	2.8	2.8	2.8	3.5	4.2	4.8	5.5	6.2	6.9	7.6	8.3
87.5°	2.8	2.8	2.8	2.7	2.6	2.3	2.1	1.5	0.9	0.4	0.0
85°	2.8	2.8	2.8	2.6	2.3	1.9	1.4	0.8	0.4	0.2	0.0
82.5°	2.8	2.8	2.8	2.5	2.1	1.5	0.7	0.2	0.1	0.4	0.7
80°	2.8	2.8	2.8	2.5	1.9	1.0	0.1	0.6	1.0	1.5	1.9
77.5°	2.8	2.8	2.8	2.4	1.6	0.9	0.9	1.4	2.0	2.5	2.5
75°	2.8	2.8	2.8	2.3	1.5	1.4	1.6	2.2	2.8	2.3	1.5
72.5°	2.8	2.8	2.8	2.3	1.8	1.8	2.2	2.8	2.4	1.6	0.5
70°	2.8	2.8	2.8	2.2	2.0	2.2	2.8	2.6	2.1	1.1	1.3
67.5°	2.8	2.8	2.8	2.3	2.2	2.6	2.9	2.6	1.8	2.2	2.5
65°	2.8	2.8	2.8	2.4	2.4	2.9	3.0	2.6	2.8	3.2	3.4
62.5°	2.8	2.8	2.8	2.5	2.6	3.1	3.1	3.1	3.7	4.2	3.8
60°	2.8	2.8	2.8	2.6	2.8	3.3	3.3	4.0	4.7	4.8	4.4
57.5°	2.8	2.8	2.8	2.7	3.0	3.6	3.9	4.8	5.5	5.6	5.4
55°	2.8	2.8	2.9	2.7	3.3	3.9	4.6	5.6	6.3	6.4	6.7
52.5°	2.8	2.8	2.9	2.8	3.6	4.2	5.3	6.4	7.2	7.6	8.0
50°	2.8	2.8	3.0	2.8	3.9	4.8	6.0	7.2	8.2	8.8	9.3
47.5°	2.8	2.8	3.0	2.9	4.2	5.3	6.6	8.0	9.3	10.0	10.6
45°	2.8	2.8	3.1	3.1	4.6	5.9	7.3	8.7	10.2	11.1	11.9
42.5°	2.8	2.8	3.2	3.4	4.9	6.4	7.9	9.6	11.3	12.2	14.4
40°	2.8	2.8	3.3	3.7	5.3	6.9	8.6	10.5	12.4	13.4	17.2
37.5°	2.8	2.8	3.4	4.0	5.7	7.4	9.2	11.5	13.5	15.2	20.1
35°	2.8	2.8	3.5	4.4	6.0	7.9	9.8	12.5	14.7	18.7	25.6
32.5°	2.8	2.8	3.7	4.8	6.4	8.4	10.4	13.5	15.9	22.8	36.5
30°	2.8	2.8	3.8	5.1	6.8	8.8	11.2	14.6	17.3	27.4	47.1
27.5°	2.8	2.8	3.9	5.4	7.2	9.3	12.1	15.7	19.5	32.6	57.4
25°	2.8	2.8	4.1	5.7	7.7	9.7	12.9	16.7	23.5	40.2	67.4
22.5°	2.8	2.8	4.2	6.1	8.1	10.1	13.7	17.8	27.7	48.5	80.7
20°	2.8	2.8	4.4	6.4	8.5	10.6	14.5	18.9	32.1	56.3	93.9
17.5°	2.8	2.8	4.5	6.6	8.9	11.1	15.3	20.0	36.6	63.8	106.9
15°	2.8	2.8	4.7	6.9	9.3	11.5	16.0	21.4	41.0	70.7	119.5
12.5°	2.8	2.8	4.8	7.2	9.6	12.0	16.7	23.3	46.0	77.2	131.6
10°	2.8	2.8	5.0	7.4	9.9	12.4	17.3	25.3	51.3	84.7	143.8
7.5°	2.8	2.8	5.1	7.7	10.3	12.8	17.9	27.4	56.3	92.0	156.5
5°	2.8	2.8	5.2	7.9	10.6	13.1	18.4	29.4	61.0	98.8	168.3
2.5°	2.8	2.8	5.4	8.1	10.8	13.5	18.9	31.4	65.3	105.0	178.8
0°	2.8	2.8	5.5	8.3	11.1	13.8	19.3	33.2	69.1	110.5	187.9
-2.5°	2.8	2.8	5.5	8.3	11.1	13.8	19.3	33.2	69.1	110.5	187.9
-5°	2.8	2.8	5.5	8.3	11.5	14.4	21.4	39.7	74.0	126.9	202.8
-7.5°	2.8	2.8	5.5	8.2	11.7	14.6	22.2	42.4	75.7	133.1	208.1
-10°	2.8	2.8	5.4	8.2	11.8	14.8	22.9	44.6	77.0	137.6	211.9
-12.5°	2.8	2.8	5.4	8.1	11.9	15.0	23.5	46.2	77.9	140.0	214.9
-15°	2.8	2.8	5.3	8.0	11.9	15.2	23.8	47.2	79.5	139.7	216.1
-17.5°	2.8	2.8	5.2	7.9	11.9	15.3	23.9	48.2	81.9	138.3	214.7
-20°	2.8	2.8	5.2	7.8	11.8	15.4	24.6	49.2	83.4	135.8	210.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2D-730-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°	2.8	2.8	5.1	7.7	11.7	15.4	26.2	49.7	84.1	132.1	204.1
-25°	2.8	2.8	5.0	7.5	11.5	16.4	27.5	49.5	83.9	127.5	194.6
-27.5°	2.8	2.8	4.9	7.3	11.2	17.7	28.5	48.7	82.7	123.5	187.6
-30°	2.8	2.8	4.8	7.2	10.9	18.8	29.2	47.4	81.2	121.7	179.7
-32.5°	2.8	2.8	4.7	7.0	11.3	19.7	29.5	47.5	79.2	118.7	170.8
-35°	2.8	2.8	4.5	6.8	11.6	20.5	30.3	47.7	76.4	114.4	161.0
-37.5°	2.8	2.8	4.4	6.6	11.8	20.9	31.1	47.6	72.9	108.8	156.6
-40°	2.8	2.8	4.2	6.3	11.9	21.1	31.6	46.9	68.6	103.5	151.7
-42.5°	2.8	2.8	4.1	6.2	12.0	21.1	31.8	45.9	66.1	99.2	144.2
-45°	2.8	2.8	3.9	6.2	12.0	20.9	31.6	44.9	64.4	93.9	134.7
-47.5°	2.8	2.8	3.7	6.2	12.0	20.6	31.1	44.2	62.1	87.6	127.3
-50°	2.8	2.8	3.6	6.1	11.7	20.2	30.5	43.1	60.2	85.3	118.4
-52.5°	2.8	2.8	3.4	6.0	11.4	19.5	29.6	41.6	58.7	82.3	108.9
-55°	2.8	2.8	3.2	5.8	10.9	18.7	28.6	39.7	56.7	78.6	104.3
-57.5°	2.8	2.8	3.0	5.6	10.3	17.7	27.3	38.0	54.0	74.7	99.0
-60°	2.8	2.8	2.8	5.4	9.6	16.5	25.8	36.2	50.7	70.0	92.8
-62.5°	2.8	2.8	2.8	5.1	9.0	15.1	23.7	33.7	46.5	64.5	85.6
-65°	2.8	2.8	2.8	4.8	8.5	13.5	21.4	30.5	41.4	57.2	77.3
-67.5°	2.8	2.8	2.8	4.4	7.8	12.2	18.8	26.8	35.5	48.7	66.4
-70°	2.8	2.8	2.8	4.0	7.1	11.1	16.0	22.9	30.4	39.3	53.7
-72.5°	2.8	2.8	2.8	3.9	6.3	9.9	14.2	18.7	25.1	32.6	41.1
-75°	2.8	2.8	2.8	3.9	5.5	8.6	12.3	15.8	19.6	25.7	32.7
-77.5°	2.8	2.8	2.8	3.8	5.2	7.3	10.4	13.3	16.2	19.4	24.0
-80°	2.8	2.8	2.8	3.8	5.0	6.5	8.4	10.7	13.1	15.7	18.5
-82.5°	2.8	2.8	2.8	3.7	4.8	6.1	7.6	8.7	9.9	11.8	13.9
-85°	2.8	2.8	2.8	3.6	4.6	5.7	6.9	7.9	8.8	9.7	10.6
-87.5°	2.8	2.8	2.8	3.6	4.4	5.3	6.2	7.0	7.9	8.7	9.5
-90°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.1	1.4	0.7	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°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	9.0	9.7	10.4
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.8	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.8	1.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.6	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.6	1.7	1.1	0.5	0.0	0.2	0.4	0.3	0.0	0.1	0.4
67.5°	2.6	1.9	1.3	0.8	1.1	1.4	1.3	1.4	1.5	1.7	1.4
65°	2.7	2.1	2.1	2.4	2.7	3.0	3.2	3.4	2.9	2.5	2.6
62.5°	2.9	3.1	3.6	4.0	4.4	4.8	4.8	4.3	3.3	4.1	4.7
60°	4.1	4.5	5.1	5.6	6.2	6.5	6.2	6.3	7.0	8.1	15.5
57.5°	5.5	5.9	6.6	7.5	8.2	8.4	8.6	9.4	21.9	35.8	39.5
55°	7.0	7.3	8.4	9.8	10.6	10.6	15.2	32.0	48.2	66.8	73.7
52.5°	8.4	9.0	11.0	12.6	13.7	21.3	38.4	61.2	85.2	106.6	134.1
50°	9.8	11.8	13.9	16.3	26.0	45.9	70.9	102.0	138.2	172.3	207.2
47.5°	12.3	14.8	17.9	25.7	51.3	78.9	113.4	163.5	208.1	249.4	297.3
45°	15.2	20.4	23.9	50.9	80.6	116.2	174.7	235.9	276.4	331.6	416.3
42.5°	18.2	28.3	45.7	76.9	113.0	170.5	243.1	295.2	349.1	438.6	527.7
40°	26.2	37.9	68.9	106.0	151.8	235.7	310.1	369.2	442.7	542.0	635.0
37.5°	35.9	57.9	92.6	137.1	212.7	304.6	384.4	468.7	553.3	646.8	819.3
35°	46.7	76.4	122.6	182.7	273.6	381.0	476.1	570.3	667.8	852.0	1023.1
32.5°	60.8	93.5	153.9	235.7	339.5	457.4	567.7	676.6	833.0	1041.4	1213.2
30°	75.9	120.8	190.0	284.7	401.5	527.2	659.9	791.9	998.8	1171.3	1357.7
27.5°	91.7	149.8	232.4	335.9	459.5	593.2	743.0	931.1	1115.7	1286.1	1491.0
25°	107.9	179.9	271.1	384.9	516.6	664.5	836.8	1065.9	1210.4	1398.7	1612.4
22.5°	128.8	208.7	309.4	429.3	569.5	737.8	957.4	1187.6	1357.5	1515.9	1724.7
20°	152.9	241.2	351.1	484.9	621.4	809.3	1077.4	1319.5	1519.4	1700.7	1892.5
17.5°	175.4	271.5	395.7	541.8	696.8	901.0	1195.2	1463.1	1683.0	1885.1	2124.6
15°	196.3	299.6	439.4	595.5	770.9	1006.1	1300.8	1595.0	1846.1	2073.6	2345.7
12.5°	215.3	325.3	481.5	645.8	840.8	1096.6	1389.4	1676.6	1952.6	2249.0	2557.8
10°	232.5	348.3	521.2	692.3	905.5	1173.2	1462.7	1744.6	2023.2	2336.8	2679.9
7.5°	250.9	369.9	557.3	734.5	964.4	1236.5	1521.2	1799.3	2080.2	2407.0	2759.2
5°	267.9	389.7	586.0	764.8	1009.9	1285.9	1565.2	1840.7	2123.4	2459.3	2819.3
2.5°	282.9	406.4	609.3	788.5	1043.7	1322.2	1593.8	1875.3	2155.5	2501.9	2865.2
0°	295.6	419.9	627.1	806.7	1069.2	1348.2	1610.7	1898.0	2174.3	2530.7	2895.4
-2.5°	303.7	442.1	639.3	838.5	1091.5	1365.2	1625.8	1904.4	2194.5	2539.8	2929.2
-5°	309.4	460.0	646.7	863.0	1106.1	1372.7	1630.7	1899.5	2199.9	2537.5	2934.2
-7.5°	312.7	472.7	650.2	876.9	1111.2	1368.2	1622.3	1890.1	2191.1	2528.8	2912.3
-10°	314.7	476.7	654.9	872.7	1104.5	1353.4	1603.6	1868.2	2166.0	2500.6	2870.6
-12.5°	319.9	474.2	654.1	863.4	1089.9	1331.1	1575.9	1833.4	2124.3	2452.4	2813.0
-15°	321.2	468.5	646.2	849.8	1067.7	1301.8	1539.6	1785.8	2072.8	2405.4	2749.3
-17.5°	318.3	459.9	630.9	832.3	1037.9	1266.3	1496.9	1742.9	2024.5	2351.3	2682.4
-20°	310.9	448.8	607.8	811.7	1002.6	1226.9	1454.1	1697.8	1968.9	2276.1	2607.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	298.8	435.3	582.8	783.0	972.2	1181.6	1404.0	1636.5	1899.4	2178.6	2506.8
-25°	286.3	420.1	563.1	743.5	935.5	1128.8	1346.3	1561.5	1817.6	2091.9	2383.1
-27.5°	274.4	398.9	542.6	700.2	892.4	1072.3	1281.2	1491.0	1725.6	1994.5	2262.6
-30°	258.9	375.9	517.6	658.5	840.8	1019.2	1208.6	1415.0	1626.0	1881.2	2144.9
-32.5°	245.2	352.1	489.1	626.8	785.3	959.3	1130.2	1327.0	1532.9	1750.4	2011.0
-35°	236.1	338.0	458.9	590.2	728.7	894.2	1056.7	1227.7	1427.1	1631.3	1860.1
-37.5°	228.6	321.8	427.2	552.0	683.8	825.9	978.0	1135.4	1309.4	1515.2	1730.4
-40°	217.0	303.5	403.6	515.6	631.9	761.1	902.3	1044.7	1195.6	1396.6	1608.9
-42.5°	202.0	285.8	381.4	476.0	582.2	700.2	825.7	959.8	1104.8	1279.4	1474.6
-45°	190.5	263.3	356.8	441.5	529.4	637.3	755.2	876.7	1013.4	1163.3	1338.6
-47.5°	175.9	238.7	324.5	403.7	481.2	573.2	681.1	796.1	917.1	1052.3	1195.9
-50°	160.3	218.2	285.1	362.1	436.0	512.6	604.6	710.9	820.8	938.5	1066.7
-52.5°	148.4	194.2	255.3	319.4	389.8	459.3	537.6	628.8	726.9	825.3	938.0
-55°	135.0	176.6	226.9	284.4	344.4	408.6	479.9	559.8	639.8	730.2	820.1
-57.5°	125.6	159.6	203.2	253.2	307.0	361.7	429.0	496.5	570.5	645.4	720.0
-60°	118.2	145.0	181.1	225.1	273.1	324.2	379.4	441.8	505.5	566.6	631.1
-62.5°	109.8	133.0	161.3	197.2	240.6	285.0	333.6	387.1	444.7	496.2	546.2
-65°	98.9	119.1	143.4	172.6	206.6	244.1	285.6	330.6	380.5	422.2	463.1
-67.5°	86.3	103.3	123.7	147.6	176.0	205.3	235.7	273.8	314.2	348.3	381.5
-70°	70.5	86.3	102.9	122.4	144.7	169.5	196.3	223.9	251.6	279.4	309.8
-72.5°	54.0	68.3	82.5	96.3	114.1	134.4	156.2	179.4	203.6	227.4	250.5
-75°	41.2	50.5	62.8	75.3	87.6	100.9	115.7	134.1	156.6	179.6	200.7
-77.5°	31.1	38.9	47.1	55.7	63.5	73.3	83.9	95.4	114.0	135.2	156.7
-80°	22.4	27.1	33.7	40.6	46.0	51.4	57.0	62.8	76.6	93.8	112.1
-82.5°	16.7	19.9	23.5	27.5	30.3	32.9	35.9	39.7	50.0	61.6	73.8
-85°	11.5	12.4	14.4	16.6	18.1	19.7	21.3	22.9	28.4	34.6	41.2
-87.5°	9.9	10.4	10.9	11.5	11.6	11.8	12.0	12.2	14.0	16.0	18.0
-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: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.1	11.8	12.5	13.1	13.8	14.5	15.2	15.9	16.6	16.6	16.6
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°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.3	1.4	1.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.0	2.8	2.1	1.4	0.7	1.0	1.7	2.0	2.0	1.8	1.4
62.5°	4.4	4.0	3.6	4.2	5.0	5.8	5.6	5.3	4.9	4.7	4.8
60°	16.4	10.9	12.6	15.8	14.8	10.1	16.7	18.8	16.0	11.0	10.6
57.5°	41.4	40.0	45.8	66.9	73.6	67.1	80.2	97.3	96.8	83.4	82.9
55°	88.2	118.4	154.8	160.7	186.0	236.8	276.3	259.0	258.8	271.9	313.8
52.5°	167.6	196.1	206.6	234.9	287.8	326.2	350.9	376.5	404.5	433.0	462.0
50°	246.0	273.6	304.9	333.8	407.1	446.6	440.0	492.9	560.6	602.9	624.7
47.5°	360.8	404.3	470.5	574.4	629.1	668.6	717.8	777.8	855.4	960.6	1041.7
45°	495.9	564.4	667.0	777.3	862.1	900.8	957.1	1049.9	1173.7	1294.2	1382.1
42.5°	606.4	700.3	816.0	921.4	990.7	1054.2	1127.0	1205.3	1347.0	1475.7	1577.4
40°	750.6	823.7	953.6	1053.0	1114.9	1177.8	1293.3	1410.5	1543.8	1663.7	1747.0
37.5°	933.3	1015.7	1150.7	1263.1	1322.7	1345.0	1541.3	1704.5	1812.8	1965.8	2015.9
35°	1129.7	1265.2	1437.2	1582.9	1641.4	1758.2	1960.4	2188.1	2434.7	2525.4	2602.7
32.5°	1348.7	1515.9	1749.3	1905.7	1989.2	2166.4	2422.3	2665.3	2987.8	3162.8	3215.1
30°	1549.1	1741.0	1941.6	2093.5	2236.3	2449.7	2683.1	2982.7	3280.8	3504.6	3574.1
27.5°	1696.2	1908.4	2101.3	2243.6	2404.7	2634.8	2925.8	3229.1	3521.9	3750.2	3831.3
25°	1836.5	2076.5	2229.2	2394.7	2583.7	2834.5	3157.0	3494.1	3782.4	3975.4	4074.9
22.5°	1996.2	2232.8	2396.7	2536.9	2784.1	3073.1	3372.4	3753.3	4058.7	4212.7	4320.6
20°	2161.0	2428.7	2681.9	2812.3	3026.2	3392.0	3727.2	4086.8	4381.7	4542.1	4655.8
17.5°	2390.9	2732.0	3042.6	3227.3	3456.3	3893.7	4311.9	4675.7	5086.0	5230.9	5369.8
15°	2633.3	3028.2	3392.0	3684.5	3980.4	4413.8	4952.1	5391.1	5859.3	6068.4	6304.8
12.5°	2875.0	3248.6	3578.3	3955.7	4372.7	4756.1	5268.5	5815.2	6240.0	6506.7	6665.9
10°	3055.6	3402.6	3719.9	4098.1	4514.4	4948.1	5457.3	6017.6	6462.4	6690.0	6819.9
7.5°	3153.2	3485.3	3819.9	4203.2	4617.6	5079.5	5604.2	6160.1	6614.9	6835.4	6963.6
5°	3225.6	3544.6	3891.0	4294.5	4713.6	5181.9	5705.9	6255.1	6669.8	6904.1	7066.3
2.5°	3269.4	3582.2	3936.4	4353.6	4773.6	5261.4	5810.7	6380.0	6742.9	6931.4	7080.5
0°	3282.1	3597.1	3961.8	4384.5	4815.5	5307.2	5851.5	6415.1	6782.5	6964.9	7116.8
-2.5°	3296.5	3620.7	3995.4	4404.6	4831.8	5322.2	5877.8	6426.9	6757.5	6941.5	7086.0
-5°	3286.5	3622.6	3996.1	4388.0	4818.1	5304.5	5837.9	6351.4	6697.2	6896.1	7039.8
-7.5°	3256.7	3597.6	3967.3	4343.9	4765.8	5257.8	5788.9	6283.4	6633.6	6843.4	7000.6
-10°	3213.4	3544.3	3916.6	4298.0	4714.9	5183.2	5706.2	6197.7	6532.9	6755.6	6938.9
-12.5°	3165.4	3489.5	3848.3	4214.2	4626.5	5089.0	5595.7	6061.0	6394.2	6637.2	6768.1
-15°	3094.4	3418.3	3761.3	4115.1	4517.0	4965.8	5449.8	5896.2	6223.4	6421.1	6565.8
-17.5°	3004.0	3321.8	3647.0	3982.6	4361.2	4803.2	5290.1	5730.3	5997.1	6173.6	6315.9
-20°	2907.2	3201.0	3509.2	3825.9	4192.9	4630.6	5108.8	5492.8	5744.3	5913.9	6048.2



REPORT NUMBER: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	2796.6	3079.6	3361.6	3664.4	4024.2	4425.5	4847.9	5219.0	5489.4	5643.9	5768.0
-25°	2670.4	2945.7	3213.5	3505.9	3836.5	4197.3	4590.1	4954.7	5196.9	5361.0	5484.1
-27.5°	2534.4	2793.1	3054.7	3317.2	3614.5	3974.0	4337.7	4676.5	4883.1	5048.6	5172.4
-30°	2398.7	2631.3	2873.4	3122.0	3401.0	3725.1	4065.3	4350.2	4568.1	4728.9	4843.8
-32.5°	2251.6	2472.4	2686.8	2919.2	3181.9	3467.5	3766.1	4037.1	4270.0	4417.2	4514.1
-35°	2101.0	2314.7	2511.0	2721.9	2953.6	3200.1	3475.7	3742.9	3973.0	4089.4	4183.8
-37.5°	1944.1	2157.2	2343.3	2519.4	2719.1	2947.3	3215.8	3470.8	3669.5	3769.6	3854.7
-40°	1807.7	1995.3	2162.8	2331.3	2493.6	2696.4	2946.9	3193.8	3353.2	3450.7	3529.8
-42.5°	1675.2	1833.5	1970.6	2121.7	2284.2	2484.0	2686.2	2893.2	3021.3	3129.6	3212.9
-45°	1521.0	1662.5	1791.0	1916.7	2064.8	2247.3	2430.9	2596.7	2716.7	2821.4	2902.5
-47.5°	1350.4	1487.0	1611.9	1724.2	1861.9	2014.0	2168.6	2306.6	2425.1	2528.6	2600.9
-50°	1191.4	1313.4	1435.4	1549.1	1668.4	1791.5	1916.9	2038.0	2150.5	2251.0	2312.6
-52.5°	1049.0	1161.5	1268.1	1367.5	1471.9	1576.0	1679.8	1790.7	1894.2	1989.4	2038.5
-55°	920.1	1021.6	1117.8	1201.5	1285.3	1367.8	1456.8	1559.2	1654.5	1742.7	1777.9
-57.5°	804.4	891.2	976.4	1047.2	1115.6	1181.2	1259.4	1345.8	1429.3	1504.8	1533.7
-60°	698.0	766.9	838.1	901.0	960.6	1016.9	1085.0	1154.6	1222.3	1279.2	1303.8
-62.5°	600.1	659.1	713.0	764.1	814.6	865.3	920.3	975.5	1030.1	1073.9	1096.2
-65°	505.8	552.7	596.0	638.0	678.8	721.3	764.4	806.4	846.8	878.2	897.4
-67.5°	417.1	452.8	487.2	520.0	554.1	588.6	622.3	654.4	684.8	709.0	727.4
-70°	338.6	366.2	393.1	420.2	448.7	475.5	500.9	525.0	547.6	565.0	579.2
-72.5°	273.0	295.4	318.6	343.0	366.0	386.1	404.3	421.9	438.7	448.5	455.9
-75°	220.1	238.9	259.1	278.9	298.1	313.3	326.7	339.7	352.2	352.8	350.3
-77.5°	177.8	194.6	210.3	225.8	241.1	250.5	258.7	267.2	275.7	270.8	263.0
-80°	130.5	144.5	157.8	171.1	184.5	190.0	193.9	197.3	200.2	193.7	185.7
-82.5°	86.6	95.4	104.1	112.9	121.8	125.3	128.0	130.2	131.9	126.1	119.4
-85°	48.3	52.5	56.7	61.0	65.2	67.7	70.0	72.1	74.0	70.5	66.5
-87.5°	20.1	21.1	22.0	22.9	23.9	24.7	25.6	26.4	27.2	27.3	27.4
-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: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	15.9
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°	0.0	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°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.4	1.8	2.0	2.0
62.5°	5.0	5.3	5.4	5.5	5.4	5.3	5.0	4.8	4.7	4.9	5.3
60°	9.8	8.6	8.3	8.3	8.3	8.6	9.8	10.6	11.0	16.0	18.8
57.5°	76.6	65.5	67.2	74.6	67.2	65.5	76.6	82.9	83.4	96.8	97.3
55°	357.9	399.5	414.2	406.1	414.2	399.5	357.9	313.8	271.9	258.8	259.0
52.5°	484.9	502.0	508.6	508.3	508.6	502.0	484.9	462.0	433.0	404.5	376.5
50°	631.3	625.5	616.6	607.8	616.6	625.5	631.3	624.7	602.9	560.6	492.9
47.5°	1053.6	1035.3	1027.6	1041.6	1027.6	1035.3	1053.6	1041.7	960.6	855.4	777.8
45°	1400.1	1421.4	1437.4	1436.6	1437.4	1421.4	1400.1	1382.1	1294.2	1173.7	1049.9
42.5°	1597.4	1608.8	1612.1	1607.9	1612.1	1608.8	1597.4	1577.4	1475.7	1347.0	1205.3
40°	1773.2	1786.7	1794.4	1801.3	1794.4	1786.7	1773.2	1747.0	1663.7	1543.8	1410.5
37.5°	2032.4	2037.3	2026.5	2019.6	2026.5	2037.3	2032.4	2015.9	1965.8	1812.8	1704.5
35°	2667.9	2680.9	2650.8	2682.6	2650.8	2680.9	2667.9	2602.7	2525.4	2434.7	2188.1
32.5°	3277.4	3338.4	3387.8	3428.6	3387.8	3338.4	3277.4	3215.1	3162.8	2987.8	2665.3
30°	3622.6	3662.0	3683.2	3688.3	3683.2	3662.0	3622.6	3574.1	3504.6	3280.8	2982.7
27.5°	3876.1	3917.4	3943.1	3961.8	3943.1	3917.4	3876.1	3831.3	3750.2	3521.9	3229.1
25°	4120.5	4158.2	4183.8	4193.8	4183.8	4158.2	4120.5	4074.9	3975.4	3782.4	3494.1
22.5°	4374.0	4400.2	4424.8	4437.0	4424.8	4400.2	4374.0	4320.6	4212.7	4058.7	3753.3
20°	4737.4	4723.1	4745.6	4738.1	4745.6	4723.1	4737.4	4655.8	4542.1	4381.7	4086.8
17.5°	5478.0	5485.7	5500.8	5525.5	5500.8	5485.7	5478.0	5369.8	5230.9	5086.0	4675.7
15°	6409.5	6428.2	6523.5	6608.5	6523.5	6428.2	6409.5	6304.8	6068.4	5859.3	5391.1
12.5°	6813.5	6878.4	6888.4	6912.4	6888.4	6878.4	6813.5	6665.9	6506.7	6240.0	5815.2
10°	6948.4	7060.7	7058.3	7086.4	7058.3	7060.7	6948.4	6819.9	6690.0	6462.4	6017.6
7.5°	7050.6	7171.2	7222.2	7243.9	7222.2	7171.2	7050.6	6963.6	6835.4	6614.9	6160.1
5°	7175.5	7241.9	7329.9	7304.7	7329.9	7241.9	7175.5	7066.3	6904.1	6669.8	6255.1
2.5°	7227.9	7331.8	7307.8	7332.3	7307.8	7331.8	7227.9	7080.5	6931.4	6742.9	6380.0
0°	7263.3	7337.9	7348.9	7373.8	7348.9	7337.9	7263.3	7116.8	6964.9	6782.5	6415.1
-2.5°	7220.4	7286.0	7401.0	7365.5	7401.0	7286.0	7220.4	7086.0	6941.5	6757.5	6426.9
-5°	7182.9	7344.4	7281.7	7360.0	7281.7	7344.4	7182.9	7039.8	6896.1	6697.2	6351.4
-7.5°	7163.5	7192.4	7234.0	7293.6	7234.0	7192.4	7163.5	7000.6	6843.4	6633.6	6283.4
-10°	7013.5	7043.1	7119.6	7161.0	7119.6	7043.1	7013.5	6938.9	6755.6	6532.9	6197.7
-12.5°	6850.9	6908.1	6988.4	7014.6	6988.4	6908.1	6850.9	6768.1	6637.2	6394.2	6061.0
-15°	6663.6	6748.5	6826.9	6843.3	6826.9	6748.5	6663.6	6565.8	6421.1	6223.4	5896.2
-17.5°	6425.3	6527.3	6609.5	6627.8	6609.5	6527.3	6425.3	6315.9	6173.6	5997.1	5730.3
-20°	6162.8	6260.5	6330.5	6351.6	6330.5	6260.5	6162.8	6048.2	5913.9	5744.3	5492.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	5881.8	5969.7	6028.9	6020.0	6028.9	5969.7	5881.8	5768.0	5643.9	5489.4	5219.0
-25°	5583.4	5665.0	5721.4	5713.4	5721.4	5665.0	5583.4	5484.1	5361.0	5196.9	4954.7
-27.5°	5268.0	5345.3	5399.5	5401.2	5399.5	5345.3	5268.0	5172.4	5048.6	4883.1	4676.5
-30°	4936.5	5006.7	5050.7	5033.7	5050.7	5006.7	4936.5	4843.8	4728.9	4568.1	4350.2
-32.5°	4594.6	4658.1	4698.5	4710.5	4698.5	4658.1	4594.6	4514.1	4417.2	4270.0	4037.1
-35°	4257.4	4313.4	4348.2	4356.8	4348.2	4313.4	4257.4	4183.8	4089.4	3973.0	3742.9
-37.5°	3922.4	3970.5	3994.9	3983.9	3994.9	3970.5	3922.4	3854.7	3769.6	3669.5	3470.8
-40°	3591.4	3637.2	3665.1	3671.7	3665.1	3637.2	3591.4	3529.8	3450.7	3353.2	3193.8
-42.5°	3265.8	3303.9	3328.4	3340.2	3328.4	3303.9	3265.8	3212.9	3129.6	3021.3	2893.2
-45°	2949.9	2984.0	3006.9	3019.7	3006.9	2984.0	2949.9	2902.5	2821.4	2716.7	2596.7
-47.5°	2642.5	2672.4	2692.2	2702.0	2692.2	2672.4	2642.5	2600.9	2528.6	2425.1	2306.6
-50°	2348.6	2374.5	2393.0	2403.6	2393.0	2374.5	2348.6	2312.6	2251.0	2150.5	2038.0
-52.5°	2069.8	2092.4	2108.2	2116.3	2108.2	2092.4	2069.8	2038.5	1989.4	1894.2	1790.7
-55°	1803.7	1822.0	1836.6	1845.5	1836.6	1822.0	1803.7	1777.9	1742.7	1654.5	1559.2
-57.5°	1555.5	1570.5	1584.3	1594.1	1584.3	1570.5	1555.5	1533.7	1504.8	1429.3	1345.8
-60°	1323.2	1337.3	1349.0	1356.5	1349.0	1337.3	1323.2	1303.8	1279.2	1222.3	1154.6
-62.5°	1113.5	1126.0	1136.8	1143.8	1136.8	1126.0	1113.5	1096.2	1073.9	1030.1	975.5
-65°	912.5	923.7	931.7	936.6	931.7	923.7	912.5	897.4	878.2	846.8	806.4
-67.5°	743.1	756.0	758.6	757.0	758.6	756.0	743.1	727.4	709.0	684.8	654.4
-70°	591.9	602.8	605.4	605.0	605.4	602.8	591.9	579.2	565.0	547.6	525.0
-72.5°	462.8	468.7	463.7	455.9	463.7	468.7	462.8	455.9	448.5	438.7	421.9
-75°	347.2	343.4	338.1	331.5	338.1	343.4	347.2	350.3	352.8	352.2	339.7
-77.5°	254.4	244.9	238.8	232.1	238.8	244.9	254.4	263.0	270.8	275.7	267.2
-80°	177.1	167.8	161.5	154.7	161.5	167.8	177.1	185.7	193.7	200.2	197.3
-82.5°	112.2	104.6	100.8	96.7	100.8	104.6	112.2	119.4	126.1	131.9	130.2
-85°	62.3	57.8	55.2	52.5	55.2	57.8	62.3	66.5	70.5	74.0	72.1
-87.5°	27.5	27.6	26.2	24.9	26.2	27.6	27.5	27.4	27.3	27.2	26.4
-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: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.2	14.5	13.8	13.1	12.5	11.8	11.1	10.4	9.7	9.0	8.3
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	0.4	0.1	0.0	0.3
67.5°	0.0	0.0	0.5	1.2	1.5	1.4	1.3	1.4	1.7	1.5	1.4
65°	1.7	1.0	0.7	1.4	2.1	2.8	3.0	2.6	2.5	2.9	3.4
62.5°	5.6	5.8	5.0	4.2	3.6	4.0	4.4	4.7	4.1	3.3	4.3
60°	16.7	10.1	14.8	15.8	12.6	10.9	16.4	15.5	8.1	7.0	6.3
57.5°	80.2	67.1	73.6	66.9	45.8	40.0	41.4	39.5	35.8	21.9	9.4
55°	276.3	236.8	186.0	160.7	154.8	118.4	88.2	73.7	66.8	48.2	32.0
52.5°	350.9	326.2	287.8	234.9	206.6	196.1	167.6	134.1	106.6	85.2	61.2
50°	440.0	446.6	407.1	333.8	304.9	273.6	246.0	207.2	172.3	138.2	102.0
47.5°	717.8	668.6	629.1	574.4	470.5	404.3	360.8	297.3	249.4	208.1	163.5
45°	957.1	900.8	862.1	777.3	667.0	564.4	495.9	416.3	331.6	276.4	235.9
42.5°	1127.0	1054.2	990.7	921.4	816.0	700.3	606.4	527.7	438.6	349.1	295.2
40°	1293.3	1177.8	1114.9	1053.0	953.6	823.7	750.6	635.0	542.0	442.7	369.2
37.5°	1541.3	1345.0	1322.7	1263.1	1150.7	1015.7	933.3	819.3	646.8	553.3	468.7
35°	1960.4	1758.2	1641.4	1582.9	1437.2	1265.2	1129.7	1023.1	852.0	667.8	570.3
32.5°	2422.3	2166.4	1989.2	1905.7	1749.3	1515.9	1348.7	1213.2	1041.4	833.0	676.6
30°	2683.1	2449.7	2236.3	2093.5	1941.6	1741.0	1549.1	1357.7	1171.3	998.8	791.9
27.5°	2925.8	2634.8	2404.7	2243.6	2101.3	1908.4	1696.2	1491.0	1286.1	1115.7	931.1
25°	3157.0	2834.5	2583.7	2394.7	2229.2	2076.5	1836.5	1612.4	1398.7	1210.4	1065.9
22.5°	3372.4	3073.1	2784.1	2536.9	2396.7	2232.8	1996.2	1724.7	1515.9	1357.5	1187.6
20°	3727.2	3392.0	3026.2	2812.3	2681.9	2428.7	2161.0	1892.5	1700.7	1519.4	1319.5
17.5°	4311.9	3893.7	3456.3	3227.3	3042.6	2732.0	2390.9	2124.6	1885.1	1683.0	1463.1
15°	4952.1	4413.8	3980.4	3684.5	3392.0	3028.2	2633.3	2345.7	2073.6	1846.1	1595.0
12.5°	5268.5	4756.1	4372.7	3955.7	3578.3	3248.6	2875.0	2557.8	2249.0	1952.6	1676.6
10°	5457.3	4948.1	4514.4	4098.1	3719.9	3402.6	3055.6	2679.9	2336.8	2023.2	1744.6
7.5°	5604.2	5079.5	4617.6	4203.2	3819.9	3485.3	3153.2	2759.2	2407.0	2080.2	1799.3
5°	5705.9	5181.9	4713.6	4294.5	3891.0	3544.6	3225.6	2819.3	2459.3	2123.4	1840.7
2.5°	5810.7	5261.4	4773.6	4353.6	3936.4	3582.2	3269.4	2865.2	2501.9	2155.5	1875.3
0°	5851.5	5307.2	4815.5	4384.5	3961.8	3597.1	3282.1	2895.4	2530.7	2174.3	1898.0
-2.5°	5877.8	5322.2	4831.8	4404.6	3995.4	3620.7	3296.5	2929.2	2539.8	2194.5	1904.4
-5°	5837.9	5304.5	4818.1	4388.0	3996.1	3622.6	3286.5	2934.2	2537.5	2199.9	1899.5
-7.5°	5788.9	5257.8	4765.8	4343.9	3967.3	3597.6	3256.7	2912.3	2528.8	2191.1	1890.1
-10°	5706.2	5183.2	4714.9	4298.0	3916.6	3544.3	3213.4	2870.6	2500.6	2166.0	1868.2
-12.5°	5595.7	5089.0	4626.5	4214.2	3848.3	3489.5	3165.4	2813.0	2452.4	2124.3	1833.4
-15°	5449.8	4965.8	4517.0	4115.1	3761.3	3418.3	3094.4	2749.3	2405.4	2072.8	1785.8
-17.5°	5290.1	4803.2	4361.2	3982.6	3647.0	3321.8	3004.0	2682.4	2351.3	2024.5	1742.9
-20°	5108.8	4630.6	4192.9	3825.9	3509.2	3201.0	2907.2	2607.5	2276.1	1968.9	1697.8



REPORT NUMBER: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	4847.9	4425.5	4024.2	3664.4	3361.6	3079.6	2796.6	2506.8	2178.6	1899.4	1636.5
-25°	4590.1	4197.3	3836.5	3505.9	3213.5	2945.7	2670.4	2383.1	2091.9	1817.6	1561.5
-27.5°	4337.7	3974.0	3614.5	3317.2	3054.7	2793.1	2534.4	2262.6	1994.5	1725.6	1491.0
-30°	4065.3	3725.1	3401.0	3122.0	2873.4	2631.3	2398.7	2144.9	1881.2	1626.0	1415.0
-32.5°	3766.1	3467.5	3181.9	2919.2	2686.8	2472.4	2251.6	2011.0	1750.4	1532.9	1327.0
-35°	3475.7	3200.1	2953.6	2721.9	2511.0	2314.7	2101.0	1860.1	1631.3	1427.1	1227.7
-37.5°	3215.8	2947.3	2719.1	2519.4	2343.3	2157.2	1944.1	1730.4	1515.2	1309.4	1135.4
-40°	2946.9	2696.4	2493.6	2331.3	2162.8	1995.3	1807.7	1608.9	1396.6	1195.6	1044.7
-42.5°	2686.2	2484.0	2284.2	2121.7	1970.6	1833.5	1675.2	1474.6	1279.4	1104.8	959.8
-45°	2430.9	2247.3	2064.8	1916.7	1791.0	1662.5	1521.0	1338.6	1163.3	1013.4	876.7
-47.5°	2168.6	2014.0	1861.9	1724.2	1611.9	1487.0	1350.4	1195.9	1052.3	917.1	796.1
-50°	1916.9	1791.5	1668.4	1549.1	1435.4	1313.4	1191.4	1066.7	938.5	820.8	710.9
-52.5°	1679.8	1576.0	1471.9	1367.5	1268.1	1161.5	1049.0	938.0	825.3	726.9	628.8
-55°	1456.8	1367.8	1285.3	1201.5	1117.8	1021.6	920.1	820.1	730.2	639.8	559.8
-57.5°	1259.4	1181.2	1115.6	1047.2	976.4	891.2	804.4	720.0	645.4	570.5	496.5
-60°	1085.0	1016.9	960.6	901.0	838.1	766.9	698.0	631.1	566.6	505.5	441.8
-62.5°	920.3	865.3	814.6	764.1	713.0	659.1	600.1	546.2	496.2	444.7	387.1
-65°	764.4	721.3	678.8	638.0	596.0	552.7	505.8	463.1	422.2	380.5	330.6
-67.5°	622.3	588.6	554.1	520.0	487.2	452.8	417.1	381.5	348.3	314.2	273.8
-70°	500.9	475.5	448.7	420.2	393.1	366.2	338.6	309.8	279.4	251.6	223.9
-72.5°	404.3	386.1	366.0	343.0	318.6	295.4	273.0	250.5	227.4	203.6	179.4
-75°	326.7	313.3	298.1	278.9	259.1	238.9	220.1	200.7	179.6	156.6	134.1
-77.5°	258.7	250.5	241.1	225.8	210.3	194.6	177.8	156.7	135.2	114.0	95.4
-80°	193.9	190.0	184.5	171.1	157.8	144.5	130.5	112.1	93.8	76.6	62.8
-82.5°	128.0	125.3	121.8	112.9	104.1	95.4	86.6	73.8	61.6	50.0	39.7
-85°	70.0	67.7	65.2	61.0	56.7	52.5	48.3	41.2	34.6	28.4	22.9
-87.5°	25.6	24.7	23.9	22.9	22.0	21.1	20.1	18.0	16.0	14.0	12.2
-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: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	7.6	6.9	6.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.5
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	0.8
82.5°	0.0	0.0	0.0	0.0	0.5	0.7	0.8	0.7	0.4	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.7	1.5	1.8	1.9	1.5	1.0	0.6
77.5°	0.0	0.0	0.0	0.0	0.3	0.8	1.6	2.5	2.5	2.0	1.4
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.6	1.5	2.3	2.8	2.2
72.5°	0.0	0.0	0.0	0.3	0.7	0.8	0.5	0.5	1.6	2.4	2.8
70°	0.4	0.2	0.0	0.5	1.1	1.7	1.6	1.3	1.1	2.1	2.6
67.5°	1.3	1.4	1.1	0.8	1.3	1.9	2.6	2.5	2.2	1.8	2.6
65°	3.2	3.0	2.7	2.4	2.1	2.1	2.7	3.4	3.2	2.8	2.6
62.5°	4.8	4.8	4.4	4.0	3.6	3.1	2.9	3.8	4.2	3.7	3.1
60°	6.2	6.5	6.2	5.6	5.1	4.5	4.1	4.4	4.8	4.7	4.0
57.5°	8.6	8.4	8.2	7.5	6.6	5.9	5.5	5.4	5.6	5.5	4.8
55°	15.2	10.6	10.6	9.8	8.4	7.3	7.0	6.7	6.4	6.3	5.6
52.5°	38.4	21.3	13.7	12.6	11.0	9.0	8.4	8.0	7.6	7.2	6.4
50°	70.9	45.9	26.0	16.3	13.9	11.8	9.8	9.3	8.8	8.2	7.2
47.5°	113.4	78.9	51.3	25.7	17.9	14.8	12.3	10.6	10.0	9.3	8.0
45°	174.7	116.2	80.6	50.9	23.9	20.4	15.2	11.9	11.1	10.2	8.7
42.5°	243.1	170.5	113.0	76.9	45.7	28.3	18.2	14.4	12.2	11.3	9.6
40°	310.1	235.7	151.8	106.0	68.9	37.9	26.2	17.2	13.4	12.4	10.5
37.5°	384.4	304.6	212.7	137.1	92.6	57.9	35.9	20.1	15.2	13.5	11.5
35°	476.1	381.0	273.6	182.7	122.6	76.4	46.7	25.6	18.7	14.7	12.5
32.5°	567.7	457.4	339.5	235.7	153.9	93.5	60.8	36.5	22.8	15.9	13.5
30°	659.9	527.2	401.5	284.7	190.0	120.8	75.9	47.1	27.4	17.3	14.6
27.5°	743.0	593.2	459.5	335.9	232.4	149.8	91.7	57.4	32.6	19.5	15.7
25°	836.8	664.5	516.6	384.9	271.1	179.9	107.9	67.4	40.2	23.5	16.7
22.5°	957.4	737.8	569.5	429.3	309.4	208.7	128.8	80.7	48.5	27.7	17.8
20°	1077.4	809.3	621.4	484.9	351.1	241.2	152.9	93.9	56.3	32.1	18.9
17.5°	1195.2	901.0	696.8	541.8	395.7	271.5	175.4	106.9	63.8	36.6	20.0
15°	1300.8	1006.1	770.9	595.5	439.4	299.6	196.3	119.5	70.7	41.0	21.4
12.5°	1389.4	1096.6	840.8	645.8	481.5	325.3	215.3	131.6	77.2	46.0	23.3
10°	1462.7	1173.2	905.5	692.3	521.2	348.3	232.5	143.8	84.7	51.3	25.3
7.5°	1521.2	1236.5	964.4	734.5	557.3	369.9	250.9	156.5	92.0	56.3	27.4
5°	1565.2	1285.9	1009.9	764.8	586.0	389.7	267.9	168.3	98.8	61.0	29.4
2.5°	1593.8	1322.2	1043.7	788.5	609.3	406.4	282.9	178.8	105.0	65.3	31.4
0°	1610.7	1348.2	1069.2	806.7	627.1	419.9	295.6	187.9	110.5	69.1	33.2
-2.5°	1625.8	1365.2	1091.5	838.5	639.3	442.1	303.7	196.1	119.2	71.8	36.6
-5°	1630.7	1372.7	1106.1	863.0	646.7	460.0	309.4	202.8	126.9	74.0	39.7
-7.5°	1622.3	1368.2	1111.2	876.9	650.2	472.7	312.7	208.1	133.1	75.7	42.4
-10°	1603.6	1353.4	1104.5	872.7	654.9	476.7	314.7	211.9	137.6	77.0	44.6
-12.5°	1575.9	1331.1	1089.9	863.4	654.1	474.2	319.9	214.9	140.0	77.9	46.2
-15°	1539.6	1301.8	1067.7	849.8	646.2	468.5	321.2	216.1	139.7	79.5	47.2
-17.5°	1496.9	1266.3	1037.9	832.3	630.9	459.9	318.3	214.7	138.3	81.9	48.2
-20°	1454.1	1226.9	1002.6	811.7	607.8	448.8	310.9	210.8	135.8	83.4	49.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	1404.0	1181.6	972.2	783.0	582.8	435.3	298.8	204.1	132.1	84.1	49.7
-25°	1346.3	1128.8	935.5	743.5	563.1	420.1	286.3	194.6	127.5	83.9	49.5
-27.5°	1281.2	1072.3	892.4	700.2	542.6	398.9	274.4	187.6	123.5	82.7	48.7
-30°	1208.6	1019.2	840.8	658.5	517.6	375.9	258.9	179.7	121.7	81.2	47.4
-32.5°	1130.2	959.3	785.3	626.8	489.1	352.1	245.2	170.8	118.7	79.2	47.5
-35°	1056.7	894.2	728.7	590.2	458.9	338.0	236.1	161.0	114.4	76.4	47.7
-37.5°	978.0	825.9	683.8	552.0	427.2	321.8	228.6	156.6	108.8	72.9	47.6
-40°	902.3	761.1	631.9	515.6	403.6	303.5	217.0	151.7	103.5	68.6	46.9
-42.5°	825.7	700.2	582.2	476.0	381.4	285.8	202.0	144.2	99.2	66.1	45.9
-45°	755.2	637.3	529.4	441.5	356.8	263.3	190.5	134.7	93.9	64.4	44.9
-47.5°	681.1	573.2	481.2	403.7	324.5	238.7	175.9	127.3	87.6	62.1	44.2
-50°	604.6	512.6	436.0	362.1	285.1	218.2	160.3	118.4	85.3	60.2	43.1
-52.5°	537.6	459.3	389.8	319.4	255.3	194.2	148.4	108.9	82.3	58.7	41.6
-55°	479.9	408.6	344.4	284.4	226.9	176.6	135.0	104.3	78.6	56.7	39.7
-57.5°	429.0	361.7	307.0	253.2	203.2	159.6	125.6	99.0	74.7	54.0	38.0
-60°	379.4	324.2	273.1	225.1	181.1	145.0	118.2	92.8	70.0	50.7	36.2
-62.5°	333.6	285.0	240.6	197.2	161.3	133.0	109.8	85.6	64.5	46.5	33.7
-65°	285.6	244.1	206.6	172.6	143.4	119.1	98.9	77.3	57.2	41.4	30.5
-67.5°	235.7	205.3	176.0	147.6	123.7	103.3	86.3	66.4	48.7	35.5	26.8
-70°	196.3	169.5	144.7	122.4	102.9	86.3	70.5	53.7	39.3	30.4	22.9
-72.5°	156.2	134.4	114.1	96.3	82.5	68.3	54.0	41.1	32.6	25.1	18.7
-75°	115.7	100.9	87.6	75.3	62.8	50.5	41.2	32.7	25.7	19.6	15.8
-77.5°	83.9	73.3	63.5	55.7	47.1	38.9	31.1	24.0	19.4	16.2	13.3
-80°	57.0	51.4	46.0	40.6	33.7	27.1	22.4	18.5	15.7	13.1	10.7
-82.5°	35.9	32.9	30.3	27.5	23.5	19.9	16.7	13.9	11.8	9.9	8.7
-85°	21.3	19.7	18.1	16.6	14.4	12.4	11.5	10.6	9.7	8.8	7.9
-87.5°	12.0	11.8	11.6	11.5	10.9	10.4	9.9	9.5	8.7	7.9	7.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.1

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Scaled Data Report



REPORT NUMBER: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.5	4.8	4.2	3.5	2.8	2.8	2.8
87.5°	2.1	2.3	2.6	2.7	2.8	2.8	2.8
85°	1.4	1.9	2.3	2.6	2.8	2.8	2.8
82.5°	0.7	1.5	2.1	2.5	2.8	2.8	2.8
80°	0.1	1.0	1.9	2.5	2.8	2.8	2.8
77.5°	0.9	0.9	1.6	2.4	2.8	2.8	2.8
75°	1.6	1.4	1.5	2.3	2.8	2.8	2.8
72.5°	2.2	1.8	1.8	2.3	2.8	2.8	2.8
70°	2.8	2.2	2.0	2.2	2.8	2.8	2.8
67.5°	2.9	2.6	2.2	2.3	2.8	2.8	2.8
65°	3.0	2.9	2.4	2.4	2.8	2.8	2.8
62.5°	3.1	3.1	2.6	2.5	2.8	2.8	2.8
60°	3.3	3.3	2.8	2.6	2.8	2.8	2.8
57.5°	3.9	3.6	3.0	2.7	2.8	2.8	2.8
55°	4.6	3.9	3.3	2.7	2.9	2.8	2.8
52.5°	5.3	4.2	3.6	2.8	2.9	2.8	2.8
50°	6.0	4.8	3.9	2.8	3.0	2.8	2.8
47.5°	6.6	5.3	4.2	2.9	3.0	2.8	2.8
45°	7.3	5.9	4.6	3.1	3.1	2.8	2.8
42.5°	7.9	6.4	4.9	3.4	3.2	2.8	2.8
40°	8.6	6.9	5.3	3.7	3.3	2.8	2.8
37.5°	9.2	7.4	5.7	4.0	3.4	2.8	2.8
35°	9.8	7.9	6.0	4.4	3.5	2.8	2.8
32.5°	10.4	8.4	6.4	4.8	3.7	2.8	2.8
30°	11.2	8.8	6.8	5.1	3.8	2.8	2.8
27.5°	12.1	9.3	7.2	5.4	3.9	2.8	2.8
25°	12.9	9.7	7.7	5.7	4.1	2.8	2.8
22.5°	13.7	10.1	8.1	6.1	4.2	2.8	2.8
20°	14.5	10.6	8.5	6.4	4.4	2.8	2.8
17.5°	15.3	11.1	8.9	6.6	4.5	2.8	2.8
15°	16.0	11.5	9.3	6.9	4.7	2.8	2.8
12.5°	16.7	12.0	9.6	7.2	4.8	2.8	2.8
10°	17.3	12.4	9.9	7.4	5.0	2.8	2.8
7.5°	17.9	12.8	10.3	7.7	5.1	2.8	2.8
5°	18.4	13.1	10.6	7.9	5.2	2.8	2.8
2.5°	18.9	13.5	10.8	8.1	5.4	2.8	2.8
0°	19.3	13.8	11.1	8.3	5.5	2.8	2.8
-2.5°	20.4	14.1	11.3	8.3	5.5	2.8	2.8
-5°	21.4	14.4	11.5	8.3	5.5	2.8	2.8
-7.5°	22.2	14.6	11.7	8.2	5.5	2.8	2.8
-10°	22.9	14.8	11.8	8.2	5.4	2.8	2.8
-12.5°	23.5	15.0	11.9	8.1	5.4	2.8	2.8
-15°	23.8	15.2	11.9	8.0	5.3	2.8	2.8
-17.5°	23.9	15.3	11.9	7.9	5.2	2.8	2.8
-20°	24.6	15.4	11.8	7.8	5.2	2.8	2.8

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REPORT NUMBER: P626970 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.2	15.4	11.7	7.7	5.1	2.8	2.8
-25°	27.5	16.4	11.5	7.5	5.0	2.8	2.8
-27.5°	28.5	17.7	11.2	7.3	4.9	2.8	2.8
-30°	29.2	18.8	10.9	7.2	4.8	2.8	2.8
-32.5°	29.5	19.7	11.3	7.0	4.7	2.8	2.8
-35°	30.3	20.5	11.6	6.8	4.5	2.8	2.8
-37.5°	31.1	20.9	11.8	6.6	4.4	2.8	2.8
-40°	31.6	21.1	11.9	6.3	4.2	2.8	2.8
-42.5°	31.8	21.1	12.0	6.2	4.1	2.8	2.8
-45°	31.6	20.9	12.0	6.2	3.9	2.8	2.8
-47.5°	31.1	20.6	12.0	6.2	3.7	2.8	2.8
-50°	30.5	20.2	11.7	6.1	3.6	2.8	2.8
-52.5°	29.6	19.5	11.4	6.0	3.4	2.8	2.8
-55°	28.6	18.7	10.9	5.8	3.2	2.8	2.8
-57.5°	27.3	17.7	10.3	5.6	3.0	2.8	2.8
-60°	25.8	16.5	9.6	5.4	2.8	2.8	2.8
-62.5°	23.7	15.1	9.0	5.1	2.8	2.8	2.8
-65°	21.4	13.5	8.5	4.8	2.8	2.8	2.8
-67.5°	18.8	12.2	7.8	4.4	2.8	2.8	2.8
-70°	16.0	11.1	7.1	4.0	2.8	2.8	2.8
-72.5°	14.2	9.9	6.3	3.9	2.8	2.8	2.8
-75°	12.3	8.6	5.5	3.9	2.8	2.8	2.8
-77.5°	10.4	7.3	5.2	3.8	2.8	2.8	2.8
-80°	8.4	6.5	5.0	3.8	2.8	2.8	2.8
-82.5°	7.6	6.1	4.8	3.7	2.8	2.8	2.8
-85°	6.9	5.7	4.6	3.6	2.8	2.8	2.8
-87.5°	6.2	5.3	4.4	3.6	2.8	2.8	2.8
-90°	2.8	2.8	2.8	2.8	2.8	2.8	2.8

(END OF REPORT)