

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: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627010 (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-SA2E-722-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

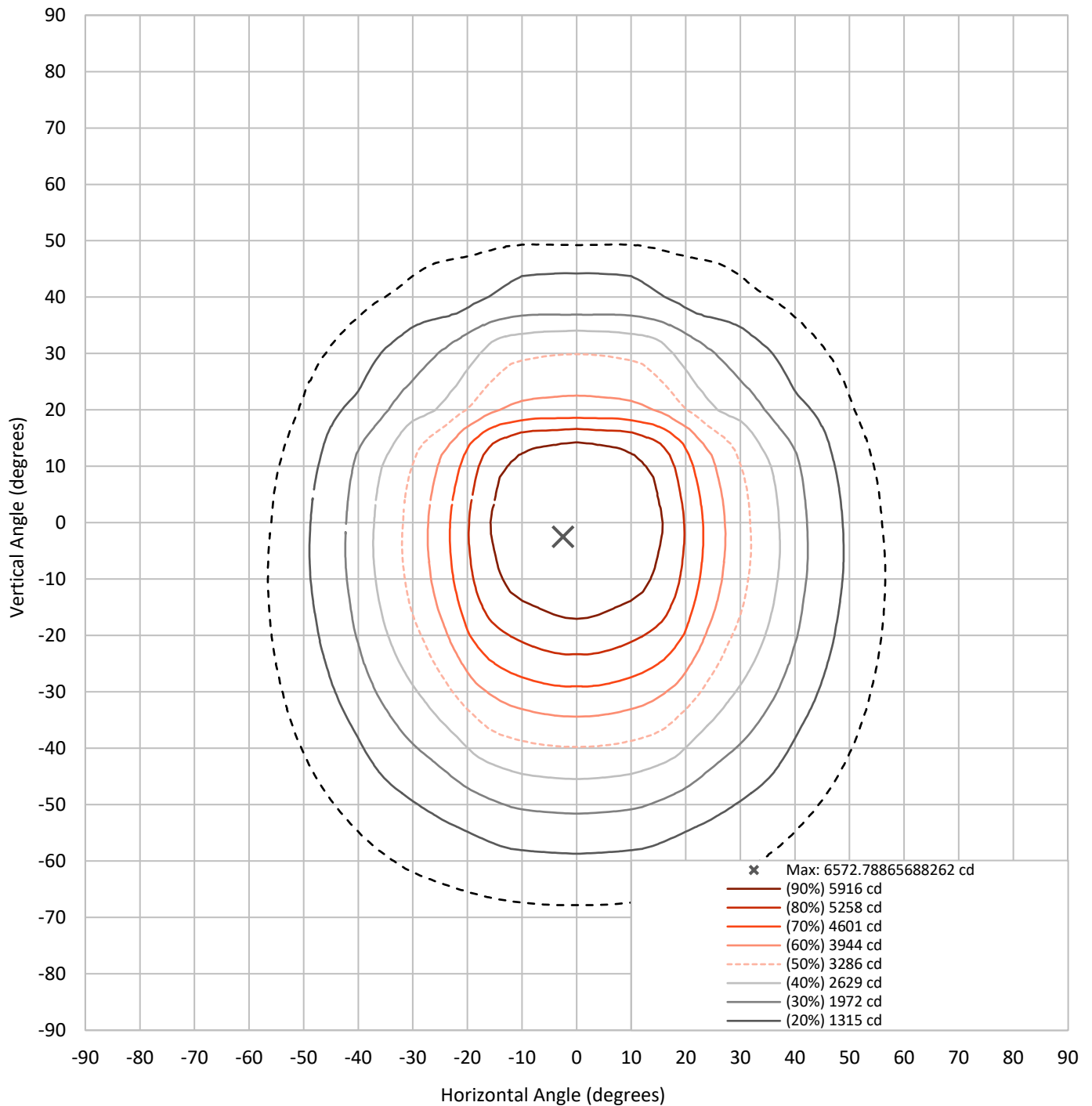
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	8771.6 lumens	Max Intensity:	6572.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	69.8 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:	5074.9 lumens	Field Lumens:	8323.7 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	125.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





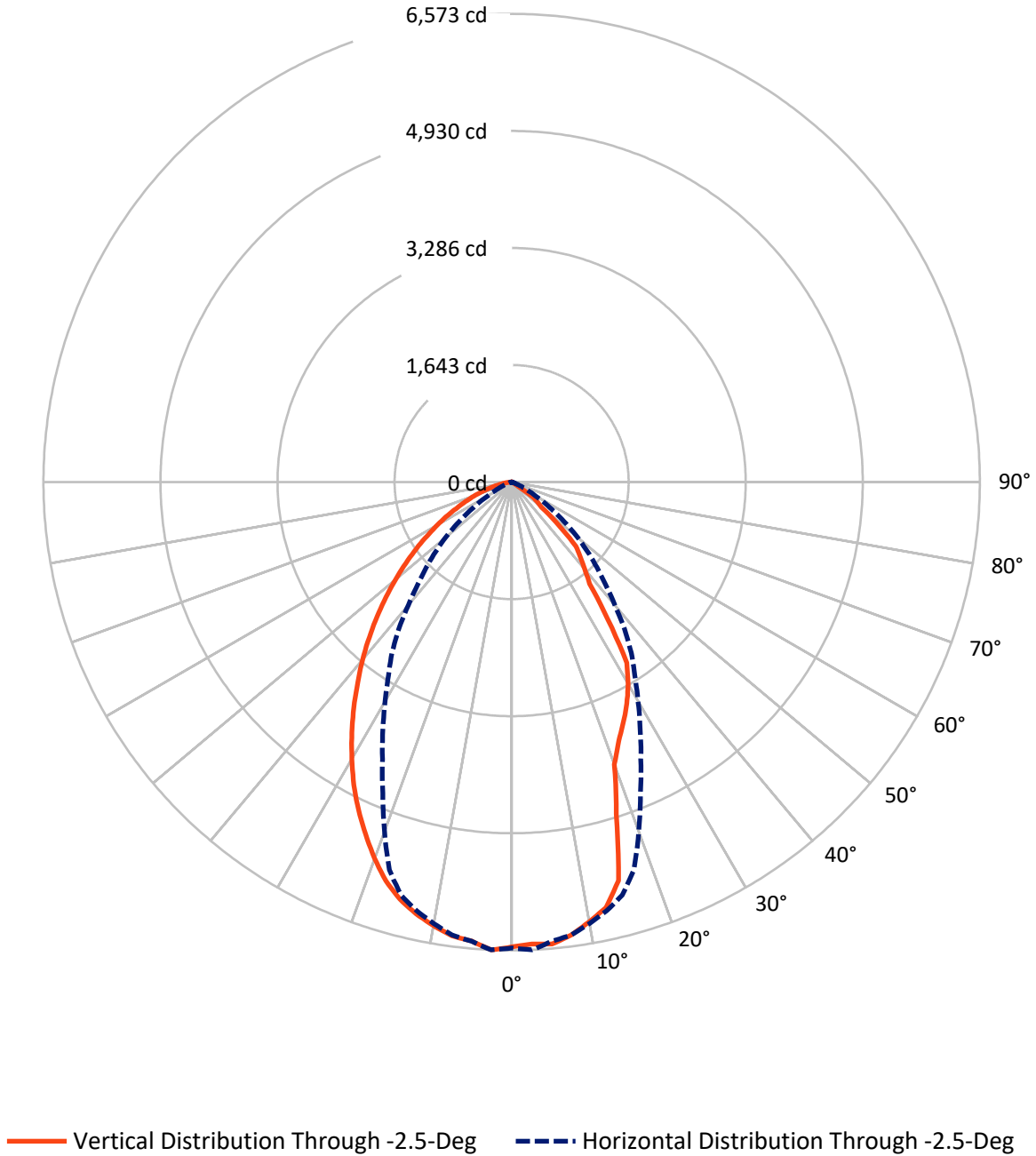
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Lumen Table

90																			
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	2.4	4.6	6.8	8.5	8.5	6.8	4.6	2.4	0.8	0.2		0.1			
40	0.1	0.2	1.0	4.5	10.9	19.6	28.9	35.4	35.4	28.9	19.6	10.9	4.5	1.0	0.2	0.1			
30		0.4	3.3	11.4	25.4	41.2	61.8	72.2	72.2	61.8	41.2	25.4	11.4	3.3	0.4				
20	0.3	1.0	6.3	20.2	41.0	64.9	97.4	112.0	112.0	97.4	64.9	41.0	20.2	6.3	1.0	0.3			
10		1.7	9.7	29.9	59.0	97.1	144.6	165.8	165.8	144.6	97.1	59.0	29.9	9.7	1.7				
0	0.4	2.3	12.6	35.5	70.6	116.0	170.7	193.7	193.7	170.7	116.0	70.6	35.5	12.6	2.3	0.4			
-10		2.7	13.9	36.8	72.5	118.7	172.0	194.5	194.5	172.0	118.7	72.5	36.8	13.9	2.7				
-20	0.6	2.8	13.5	34.9	68.3	111.1	159.6	180.4	180.4	159.6	111.1	68.3	34.9	13.5	2.8	0.6			
-30		2.6	11.9	30.4	59.0	94.5	133.8	151.6	151.6	133.8	94.5	59.0	30.4	11.9	2.6				
-40	0.6	2.1	9.5	23.9	46.4	72.9	102.2	115.7	115.7	102.2	72.9	46.4	23.9	9.5	2.1	0.6			
-50		1.7	7.0	17.1	33.3	51.3	70.7	80.3	80.3	70.7	51.3	33.3	17.1	7.0	1.7				
-60	0.4	1.3	4.6	11.0	20.7	31.8	43.2	49.3	49.3	43.2	31.8	20.7	11.0	4.6	1.3	0.4			
-70		0.9	2.8	6.4	11.4	16.9	22.3	25.3	25.3	22.3	16.9	11.4	6.4	2.8	0.9				
-80	0.2	2.1	9.5	20.6	23.0	20.6	9.5	2.1	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

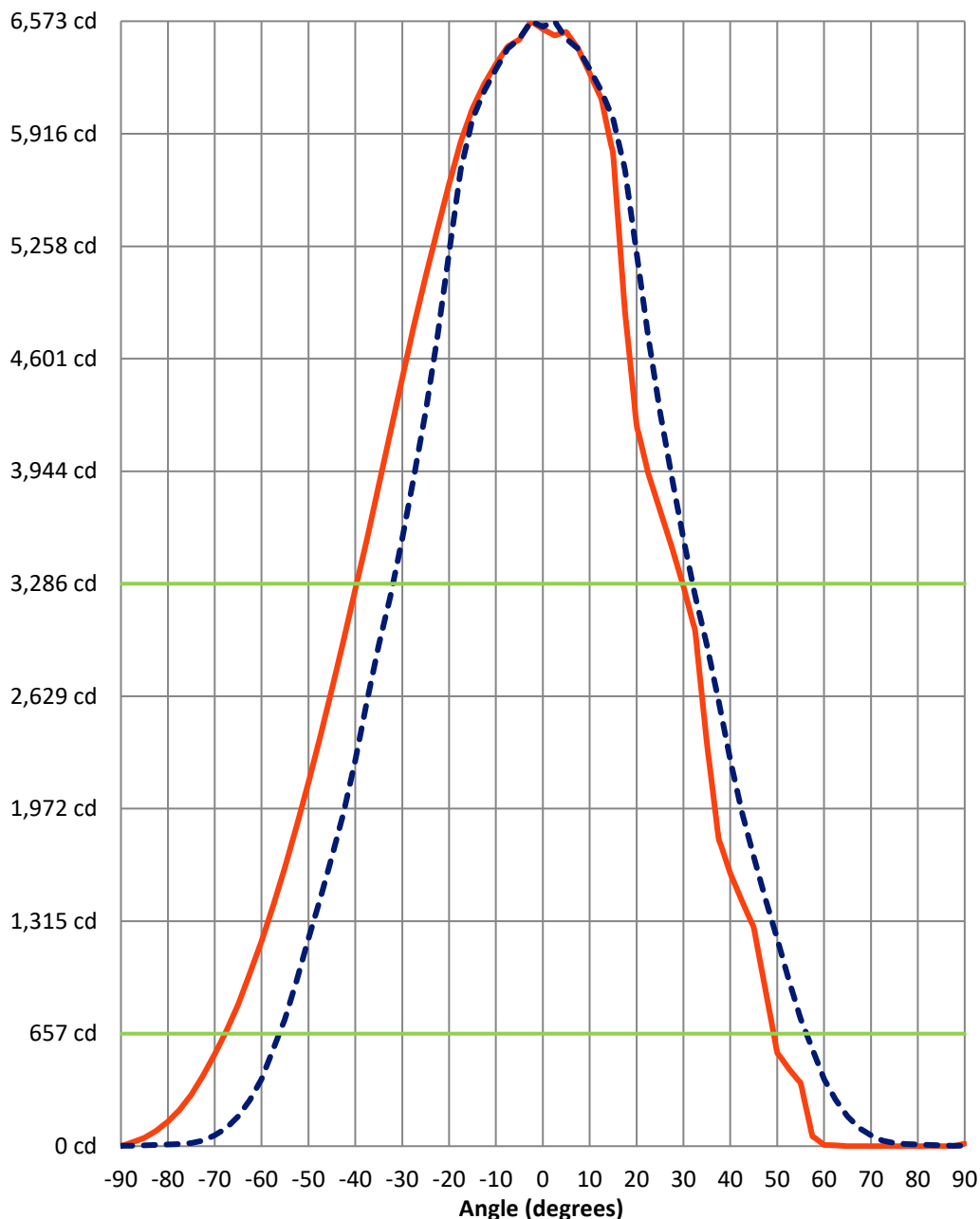
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 5074.9
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 8323.7
 Efficiency: 94.9%

Spill:
 Lumens: 447.9
 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	3.7	4.3	4.9	5.5	6.2	6.8	7.4
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	1.9	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	3.3	3.7	3.4
60°	2.5	2.5	2.5	2.3	2.5	3.0	3.0	3.5	4.2	4.3	3.9
57.5°	2.5	2.5	2.5	2.4	2.7	3.2	3.5	4.3	4.9	4.9	4.8
55°	2.5	2.5	2.6	2.4	3.0	3.5	4.1	5.0	5.6	5.7	6.0
52.5°	2.5	2.5	2.6	2.5	3.2	3.8	4.7	5.7	6.4	6.8	7.1
50°	2.5	2.5	2.7	2.5	3.5	4.3	5.3	6.4	7.3	7.8	8.3
47.5°	2.5	2.5	2.7	2.6	3.8	4.8	5.9	7.1	8.2	8.8	9.4
45°	2.5	2.5	2.8	2.8	4.1	5.2	6.5	7.8	9.1	9.9	10.6
42.5°	2.5	2.5	2.9	3.0	4.4	5.7	7.1	8.5	10.0	10.9	12.8
40°	2.5	2.5	3.0	3.3	4.7	6.2	7.6	9.3	10.9	11.9	15.3
37.5°	2.5	2.5	3.0	3.6	5.0	6.6	8.1	10.2	12.0	13.5	17.8
35°	2.5	2.5	3.2	3.9	5.4	7.0	8.6	11.1	13.0	16.6	22.7
32.5°	2.5	2.5	3.3	4.2	5.7	7.5	9.2	12.0	14.2	20.2	32.4
30°	2.5	2.5	3.4	4.5	6.0	7.8	9.9	12.9	15.3	24.4	41.8
27.5°	2.5	2.5	3.5	4.8	6.4	8.2	10.7	13.9	17.4	29.0	50.9
25°	2.5	2.5	3.6	5.1	6.8	8.6	11.4	14.8	20.9	35.7	59.9
22.5°	2.5	2.5	3.8	5.4	7.2	8.9	12.1	15.8	24.7	43.1	71.7
20°	2.5	2.5	3.9	5.7	7.5	9.4	12.8	16.7	28.5	50.1	83.4
17.5°	2.5	2.5	4.0	5.9	7.9	9.8	13.5	17.7	32.5	56.7	94.9
15°	2.5	2.5	4.2	6.2	8.2	10.2	14.2	18.9	36.5	62.9	106.1
12.5°	2.5	2.5	4.3	6.4	8.5	10.6	14.8	20.6	40.9	68.6	116.9
10°	2.5	2.5	4.4	6.6	8.8	11.0	15.4	22.4	45.6	75.3	127.6
7.5°	2.5	2.5	4.6	6.8	9.1	11.4	15.9	24.2	50.0	81.7	138.9
5°	2.5	2.5	4.7	7.0	9.3	11.7	16.4	26.0	54.2	87.7	149.3
2.5°	2.5	2.5	4.8	7.2	9.6	12.0	16.8	27.8	57.9	93.2	158.7
0°	2.5	2.5	4.9	7.4	9.8	12.3	17.2	29.4	61.3	98.1	166.8
-2.5°	2.5	2.5	4.9	7.4	9.8	12.3	17.2	29.4	61.3	98.1	166.8
-5°	2.5	2.5	4.9	7.4	10.2	12.8	19.0	35.2	65.7	112.7	180.1
-7.5°	2.5	2.5	4.9	7.3	10.4	13.0	19.8	37.6	67.3	118.2	184.8
-10°	2.5	2.5	4.8	7.3	10.5	13.2	20.4	39.6	68.4	122.2	188.2
-12.5°	2.5	2.5	4.8	7.2	10.6	13.3	20.9	41.0	69.2	124.3	190.9
-15°	2.5	2.5	4.7	7.1	10.6	13.5	21.2	41.9	70.6	124.1	191.9
-17.5°	2.5	2.5	4.7	7.1	10.6	13.6	21.3	42.8	72.8	122.9	190.7
-20°	2.5	2.5	4.6	6.9	10.5	13.6	21.8	43.7	74.1	120.6	187.2

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Scaled Data Report



REPORT NUMBER: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	4.5	6.8	10.4	13.7	23.2	44.1	74.7	117.4	181.2
-25°	2.5	2.5	4.4	6.7	10.2	14.6	24.4	43.9	74.5	113.2	172.8
-27.5°	2.5	2.5	4.4	6.5	10.0	15.8	25.3	43.3	73.4	109.7	166.5
-30°	2.5	2.5	4.3	6.4	9.7	16.7	25.9	42.1	72.1	108.1	159.6
-32.5°	2.5	2.5	4.1	6.2	10.1	17.6	26.2	42.1	70.3	105.4	151.7
-35°	2.5	2.5	4.0	6.0	10.4	18.2	26.9	42.4	67.8	101.6	143.0
-37.5°	2.5	2.5	3.9	5.8	10.5	18.6	27.6	42.2	64.7	96.6	139.1
-40°	2.5	2.5	3.8	5.6	10.6	18.7	28.1	41.7	60.9	91.9	134.7
-42.5°	2.5	2.5	3.6	5.5	10.7	18.8	28.2	40.7	58.7	88.1	128.0
-45°	2.5	2.5	3.5	5.5	10.7	18.6	28.1	39.9	57.1	83.4	119.6
-47.5°	2.5	2.5	3.3	5.5	10.6	18.3	27.7	39.3	55.1	77.8	113.0
-50°	2.5	2.5	3.2	5.4	10.4	17.9	27.1	38.3	53.5	75.8	105.1
-52.5°	2.5	2.5	3.0	5.3	10.1	17.4	26.3	36.9	52.1	73.1	96.7
-55°	2.5	2.5	2.9	5.2	9.7	16.6	25.4	35.3	50.4	69.8	92.6
-57.5°	2.5	2.5	2.7	5.0	9.1	15.7	24.3	33.8	48.0	66.3	87.9
-60°	2.5	2.5	2.5	4.8	8.5	14.7	22.9	32.1	45.0	62.2	82.4
-62.5°	2.5	2.5	2.5	4.5	8.0	13.4	21.1	30.0	41.3	57.3	76.0
-65°	2.5	2.5	2.5	4.3	7.5	12.0	19.0	27.1	36.8	50.8	68.7
-67.5°	2.5	2.5	2.5	3.9	6.9	10.8	16.7	23.8	31.6	43.3	59.0
-70°	2.5	2.5	2.5	3.6	6.3	9.8	14.2	20.3	27.0	34.9	47.7
-72.5°	2.5	2.5	2.5	3.5	5.6	8.8	12.6	16.6	22.3	28.9	36.5
-75°	2.5	2.5	2.5	3.5	4.9	7.6	10.9	14.0	17.3	22.8	29.0
-77.5°	2.5	2.5	2.5	3.4	4.7	6.5	9.3	11.8	14.4	17.2	21.3
-80°	2.5	2.5	2.5	3.4	4.5	5.8	7.5	9.5	11.6	13.9	16.4
-82.5°	2.5	2.5	2.5	3.3	4.3	5.5	6.8	7.7	8.8	10.5	12.3
-85°	2.5	2.5	2.5	3.3	4.1	5.1	6.2	7.0	7.8	8.6	9.4
-87.5°	2.5	2.5	2.5	3.2	3.9	4.7	5.5	6.3	7.0	7.7	8.4
-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°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	8.0	8.6	9.2
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°	0.7	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	3.2	3.6	4.0	4.3	4.3	3.9	2.9	3.7	4.2
60°	3.7	4.0	4.5	5.0	5.5	5.8	5.5	5.6	6.2	7.2	13.8
57.5°	4.9	5.3	5.9	6.7	7.3	7.5	7.7	8.3	19.5	31.8	35.1
55°	6.2	6.5	7.5	8.7	9.5	9.4	13.5	28.4	42.8	59.3	65.4
52.5°	7.5	8.0	9.8	11.2	12.1	18.9	34.1	54.4	75.7	94.6	119.1
50°	8.8	10.5	12.4	14.5	23.1	40.8	63.0	90.6	122.7	153.0	184.0
47.5°	10.9	13.2	15.9	22.8	45.5	70.1	100.8	145.2	184.8	221.5	264.0
45°	13.5	18.1	21.2	45.2	71.6	103.2	155.2	209.5	245.5	294.5	369.7
42.5°	16.2	25.1	40.5	68.3	100.4	151.5	215.9	262.2	310.0	389.5	468.6
40°	23.3	33.7	61.2	94.2	134.9	209.3	275.4	327.8	393.2	481.3	563.9
37.5°	31.9	51.4	82.2	121.8	188.9	270.5	341.3	416.2	491.3	574.4	727.6
35°	41.5	67.8	108.8	162.2	243.0	338.4	422.8	506.5	593.1	756.7	908.6
32.5°	53.9	83.0	136.7	209.3	301.5	406.1	504.1	600.9	739.8	924.9	1077.4
30°	67.3	107.3	168.7	252.9	356.5	468.2	586.1	703.2	887.0	1040.2	1205.8
27.5°	81.4	133.0	206.3	298.4	408.1	526.8	659.8	826.9	990.9	1142.2	1324.2
25°	95.8	159.7	240.7	341.9	458.8	590.1	743.1	946.7	1074.9	1242.1	1432.0
22.5°	114.3	185.3	274.8	381.3	505.8	655.2	850.3	1054.7	1205.6	1346.3	1531.7
20°	135.7	214.2	311.8	430.7	551.8	718.8	956.9	1171.8	1349.3	1510.5	1680.8
17.5°	155.7	241.1	351.4	481.1	618.8	800.2	1061.4	1299.3	1494.7	1674.2	1886.8
15°	174.3	266.1	390.2	528.9	684.7	893.5	1155.2	1416.4	1639.6	1841.5	2083.1
12.5°	191.2	288.9	427.6	573.6	746.7	973.9	1233.9	1488.9	1734.2	1997.3	2271.5
10°	206.5	309.3	462.9	614.8	804.2	1042.0	1299.0	1549.4	1796.8	2075.3	2379.9
7.5°	222.8	328.5	494.9	652.3	856.5	1098.2	1350.9	1597.9	1847.4	2137.6	2450.4
5°	238.0	346.1	520.4	679.2	896.9	1142.0	1390.0	1634.7	1885.8	2184.1	2503.8
2.5°	251.2	360.9	541.2	700.2	926.9	1174.2	1415.4	1665.4	1914.3	2221.9	2544.6
0°	262.5	372.9	557.0	716.4	949.5	1197.3	1430.4	1685.6	1931.0	2247.5	2571.3
-2.5°	269.7	392.6	567.9	744.6	969.3	1212.5	1443.8	1691.3	1948.9	2255.6	2601.4
-5°	274.8	408.5	574.4	766.4	982.3	1219.2	1448.2	1686.9	1953.7	2253.6	2605.9
-7.5°	277.7	419.8	577.5	778.8	986.9	1215.2	1440.8	1678.6	1945.9	2245.8	2586.4
-10°	279.5	423.3	581.6	775.1	980.9	1202.0	1424.2	1659.1	1923.6	2220.8	2549.4
-12.5°	284.1	421.1	580.9	766.8	968.0	1182.1	1399.6	1628.2	1886.5	2178.0	2498.2
-15°	285.2	416.0	573.9	754.7	948.2	1156.2	1367.3	1585.9	1840.8	2136.2	2441.6
-17.5°	282.7	408.4	560.3	739.2	921.8	1124.6	1329.4	1547.8	1797.9	2088.1	2382.2
-20°	276.1	398.5	539.7	720.9	890.5	1089.6	1291.4	1507.8	1748.6	2021.4	2315.6



REPORT NUMBER: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	265.3	386.6	517.5	695.3	863.4	1049.4	1246.9	1453.3	1686.8	1934.9	2226.2
-25°	254.2	373.1	500.0	660.2	830.8	1002.5	1195.7	1386.7	1614.2	1857.8	2116.4
-27.5°	243.7	354.2	481.9	621.8	792.5	952.4	1137.9	1324.2	1532.5	1771.3	2009.4
-30°	229.9	333.8	459.7	584.8	746.7	905.1	1073.3	1256.7	1444.0	1670.6	1904.9
-32.5°	217.7	312.7	434.4	556.6	697.4	852.0	1003.7	1178.6	1361.4	1554.6	1786.0
-35°	209.6	300.1	407.6	524.1	647.1	794.1	938.5	1090.3	1267.4	1448.7	1652.0
-37.5°	203.0	285.7	379.4	490.2	607.3	733.4	868.6	1008.3	1162.8	1345.6	1536.7
-40°	192.7	269.5	358.5	457.9	561.2	675.9	801.3	927.8	1061.8	1240.3	1428.9
-42.5°	179.4	253.9	338.8	422.8	517.1	621.8	733.3	852.4	981.1	1136.3	1309.6
-45°	169.2	233.8	316.9	392.1	470.2	565.9	670.6	778.5	900.0	1033.1	1188.8
-47.5°	156.2	212.0	288.2	358.5	427.3	509.1	604.8	707.0	814.5	934.5	1062.0
-50°	142.3	193.8	253.2	321.6	387.2	455.2	536.9	631.3	728.9	833.5	947.3
-52.5°	131.8	172.5	226.7	283.7	346.2	407.9	477.4	558.4	645.5	732.9	833.1
-55°	119.9	156.8	201.5	252.6	305.8	362.9	426.2	497.1	568.2	648.5	728.4
-57.5°	111.5	141.7	180.5	224.8	272.7	321.2	380.9	440.9	506.7	573.1	639.4
-60°	105.0	128.7	160.8	199.9	242.5	287.9	336.9	392.3	448.9	503.2	560.5
-62.5°	97.5	118.1	143.2	175.1	213.6	253.1	296.3	343.7	395.0	440.6	485.0
-65°	87.8	105.7	127.3	153.2	183.5	216.8	253.6	293.6	337.9	375.0	411.3
-67.5°	76.6	91.7	109.8	131.0	156.2	182.3	209.3	243.1	279.0	309.3	338.9
-70°	62.6	76.6	91.4	108.6	128.4	150.5	174.3	198.8	223.4	248.1	275.2
-72.5°	48.0	60.7	73.2	85.5	101.3	119.3	138.7	159.3	180.8	201.9	222.5
-75°	36.6	44.8	55.8	66.9	77.8	89.6	102.7	119.1	139.0	159.5	178.3
-77.5°	27.6	34.5	41.8	49.5	56.4	65.0	74.5	84.7	101.2	120.1	139.2
-80°	19.9	24.0	29.8	36.0	40.9	45.6	50.6	55.8	68.0	83.2	99.5
-82.5°	14.8	17.6	20.8	24.4	26.8	29.2	31.9	35.3	44.4	54.7	65.5
-85°	10.2	11.0	12.8	14.8	16.1	17.5	18.9	20.4	25.3	30.8	36.6
-87.5°	8.8	9.2	9.7	10.2	10.4	10.5	10.7	10.9	12.5	14.2	16.0
-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: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.8	10.4	11.1	11.7	12.3	12.9	13.5	14.1	14.7	14.7	14.7
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	0.9	1.5	1.8	1.8	1.6	1.3
62.5°	3.9	3.6	3.3	3.7	4.5	5.2	5.0	4.7	4.4	4.2	4.3
60°	14.5	9.7	11.2	14.0	13.1	9.0	14.8	16.7	14.3	9.8	9.4
57.5°	36.8	35.5	40.7	59.4	65.4	59.6	71.2	86.4	86.0	74.1	73.7
55°	78.4	105.1	137.4	142.7	165.2	210.2	245.3	230.0	229.9	241.4	278.7
52.5°	148.8	174.1	183.5	208.6	255.6	289.8	311.7	334.4	359.2	384.6	410.3
50°	218.4	242.9	270.8	296.5	361.6	396.6	390.7	437.7	497.9	535.5	554.8
47.5°	320.4	359.0	417.9	510.1	558.7	593.8	637.5	690.7	759.6	853.1	925.1
45°	440.4	501.2	592.3	690.3	765.7	800.0	850.0	932.4	1042.3	1149.3	1227.5
42.5°	538.5	622.0	724.7	818.3	879.8	936.2	1000.9	1070.4	1196.3	1310.6	1400.9
40°	666.6	731.6	846.8	935.1	990.1	1046.0	1148.5	1252.6	1371.0	1477.5	1551.5
37.5°	828.9	902.0	1021.9	1121.7	1174.7	1194.5	1368.8	1513.7	1609.9	1745.9	1790.3
35°	1003.2	1123.6	1276.4	1405.8	1457.7	1561.4	1741.0	1943.2	2162.2	2242.8	2311.5
32.5°	1197.8	1346.3	1553.6	1692.4	1766.5	1923.9	2151.2	2367.0	2653.4	2808.8	2855.3
30°	1375.7	1546.1	1724.3	1859.3	1986.0	2175.5	2382.8	2648.9	2913.7	3112.5	3174.2
27.5°	1506.3	1694.9	1866.2	1992.6	2135.6	2339.9	2598.3	2867.8	3127.8	3330.5	3402.6
25°	1631.0	1844.1	1979.8	2126.7	2294.6	2517.3	2803.7	3103.1	3359.1	3530.5	3618.8
22.5°	1772.8	1982.9	2128.5	2253.0	2472.6	2729.2	2995.0	3333.3	3604.5	3741.3	3837.1
20°	1919.1	2156.9	2381.7	2497.6	2687.6	3012.4	3310.1	3629.4	3891.4	4033.9	4134.8
17.5°	2123.3	2426.3	2702.1	2866.1	3069.5	3458.0	3829.4	4152.4	4516.8	4645.6	4768.9
15°	2338.6	2689.3	3012.4	3272.2	3535.0	3919.9	4398.0	4787.8	5203.6	5389.3	5599.2
12.5°	2553.3	2885.1	3177.8	3512.9	3883.4	4223.9	4679.0	5164.4	5541.7	5778.5	5919.9
10°	2713.7	3021.9	3303.6	3639.5	4009.2	4394.4	4846.6	5344.2	5739.2	5941.3	6056.7
7.5°	2800.3	3095.2	3392.4	3732.8	4100.9	4511.0	4977.0	5470.7	5874.6	6070.4	6184.3
5°	2864.6	3147.9	3455.6	3813.9	4186.0	4602.0	5067.3	5555.2	5923.4	6131.5	6275.5
2.5°	2903.5	3181.2	3495.9	3866.3	4239.4	4672.6	5160.4	5666.1	5988.3	6155.7	6288.1
0°	2914.8	3194.5	3518.4	3893.8	4276.6	4713.3	5196.7	5697.2	6023.5	6185.5	6320.4
-2.5°	2927.5	3215.5	3548.3	3911.6	4291.1	4726.6	5220.0	5707.7	6001.3	6164.7	6293.0
-5°	2918.7	3217.2	3548.9	3896.9	4278.9	4710.9	5184.6	5640.6	5947.7	6124.3	6252.0
-7.5°	2892.3	3195.0	3523.3	3857.8	4232.5	4669.4	5141.1	5580.2	5891.3	6077.5	6217.2
-10°	2853.9	3147.8	3478.3	3817.0	4187.3	4603.2	5067.6	5504.1	5801.8	5999.6	6162.4
-12.5°	2811.3	3099.1	3417.7	3742.5	4108.7	4519.5	4969.5	5382.7	5678.6	5894.4	6010.7
-15°	2748.2	3035.8	3340.4	3654.6	4011.5	4410.1	4839.8	5236.3	5526.9	5702.5	5831.1
-17.5°	2667.9	2950.1	3238.9	3537.0	3873.2	4265.7	4698.1	5089.0	5326.0	5482.7	5609.1
-20°	2581.9	2842.9	3116.4	3397.7	3723.6	4112.4	4537.1	4878.1	5101.4	5252.1	5371.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	2483.7	2735.0	2985.4	3254.3	3573.9	3930.3	4305.4	4635.0	4875.0	5012.3	5122.5
-25°	2371.5	2616.0	2853.9	3113.5	3407.2	3727.6	4076.4	4400.3	4615.3	4761.0	4870.4
-27.5°	2250.8	2480.5	2712.8	2946.0	3210.1	3529.3	3852.3	4153.1	4336.7	4483.6	4593.6
-30°	2130.3	2336.8	2551.8	2772.6	3020.4	3308.2	3610.4	3863.4	4056.9	4199.7	4301.8
-32.5°	1999.7	2195.7	2386.1	2592.4	2825.8	3079.5	3344.7	3585.3	3792.1	3922.9	4008.9
-35°	1865.9	2055.7	2229.9	2417.2	2623.0	2841.9	3086.7	3324.1	3528.3	3631.8	3715.6
-37.5°	1726.5	1915.8	2081.0	2237.5	2414.8	2617.5	2855.9	3082.4	3258.8	3347.8	3423.3
-40°	1605.4	1771.9	1920.7	2070.4	2214.6	2394.6	2617.1	2836.3	2977.9	3064.6	3134.8
-42.5°	1487.7	1628.3	1750.1	1884.3	2028.5	2206.0	2385.5	2569.4	2683.2	2779.4	2853.4
-45°	1350.8	1476.4	1590.6	1702.2	1833.8	1995.8	2158.9	2306.1	2412.7	2505.7	2577.7
-47.5°	1199.3	1320.6	1431.5	1531.3	1653.6	1788.7	1926.0	2048.5	2153.8	2245.6	2309.9
-50°	1058.1	1166.4	1274.7	1375.7	1481.7	1591.0	1702.4	1809.9	1909.8	1999.1	2053.8
-52.5°	931.6	1031.5	1126.2	1214.5	1307.2	1399.6	1491.8	1590.3	1682.3	1766.7	1810.4
-55°	817.1	907.2	992.7	1067.1	1141.5	1214.7	1293.8	1384.7	1469.4	1547.6	1579.0
-57.5°	714.4	791.5	867.1	930.0	990.7	1049.0	1118.4	1195.2	1269.3	1336.4	1362.0
-60°	619.9	681.1	744.3	800.1	853.0	903.0	963.6	1025.4	1085.5	1136.0	1157.9
-62.5°	532.9	585.3	633.2	678.5	723.4	768.4	817.2	866.3	914.8	953.8	973.5
-65°	449.1	490.8	529.3	566.6	602.8	640.6	678.8	716.1	752.1	779.9	797.0
-67.5°	370.5	402.2	432.7	461.8	492.1	522.7	552.6	581.2	608.2	629.7	646.0
-70°	300.8	325.3	349.2	373.2	398.5	422.3	444.9	466.2	486.3	501.8	514.4
-72.5°	242.4	262.3	282.9	304.6	325.0	342.8	359.0	374.7	389.6	398.4	404.9
-75°	195.4	212.1	230.1	247.6	264.7	278.2	290.1	301.7	312.8	313.3	311.1
-77.5°	157.9	172.8	186.7	200.5	214.1	222.5	229.7	237.2	244.8	240.5	233.5
-80°	115.8	128.3	140.1	152.0	163.8	168.8	172.2	175.2	177.8	172.0	165.0
-82.5°	76.9	84.7	92.4	100.2	108.1	111.3	113.7	115.6	117.2	112.0	106.0
-85°	42.9	46.7	50.4	54.1	57.8	60.1	62.1	64.0	65.7	62.6	59.1
-87.5°	17.8	18.7	19.5	20.4	21.2	21.9	22.7	23.4	24.2	24.3	24.4
-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: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.1
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°	4.5	4.7	4.8	4.9	4.8	4.7	4.5	4.3	4.2	4.4	4.7
60°	8.7	7.6	7.4	7.4	7.4	7.6	8.7	9.4	9.8	14.3	16.7
57.5°	68.0	58.2	59.7	66.2	59.7	58.2	68.0	73.7	74.1	86.0	86.4
55°	317.8	354.8	367.9	360.7	367.9	354.8	317.8	278.7	241.4	229.9	230.0
52.5°	430.6	445.8	451.7	451.5	451.7	445.8	430.6	410.3	384.6	359.2	334.4
50°	560.6	555.5	547.6	539.8	547.6	555.5	560.6	554.8	535.5	497.9	437.7
47.5°	935.7	919.4	912.6	925.0	912.6	919.4	935.7	925.1	853.1	759.6	690.7
45°	1243.4	1262.4	1276.6	1275.9	1276.6	1262.4	1243.4	1227.5	1149.3	1042.3	932.4
42.5°	1418.6	1428.7	1431.7	1428.0	1431.7	1428.7	1418.6	1400.9	1310.6	1196.3	1070.4
40°	1574.8	1586.8	1593.6	1599.7	1593.6	1586.8	1574.8	1551.5	1477.5	1371.0	1252.6
37.5°	1805.0	1809.4	1799.8	1793.6	1799.8	1809.4	1805.0	1790.3	1745.9	1609.9	1513.7
35°	2369.3	2380.9	2354.1	2382.4	2354.1	2380.9	2369.3	2311.5	2242.8	2162.2	1943.2
32.5°	2910.6	2964.8	3008.7	3044.9	3008.7	2964.8	2910.6	2855.3	2808.8	2653.4	2367.0
30°	3217.3	3252.2	3271.0	3275.5	3271.0	3252.2	3217.3	3174.2	3112.5	2913.7	2648.9
27.5°	3442.4	3479.0	3501.9	3518.4	3501.9	3479.0	3442.4	3402.6	3330.5	3127.8	2867.8
25°	3659.4	3692.9	3715.6	3724.5	3715.6	3692.9	3659.4	3618.8	3530.5	3359.1	3103.1
22.5°	3884.5	3907.8	3929.7	3940.4	3929.7	3907.8	3884.5	3837.1	3741.3	3604.5	3333.3
20°	4207.2	4194.6	4214.6	4207.9	4214.6	4194.6	4207.2	4134.8	4033.9	3891.4	3629.4
17.5°	4865.0	4871.9	4885.2	4907.1	4885.2	4871.9	4865.0	4768.9	4645.6	4516.8	4152.4
15°	5692.2	5708.9	5793.5	5868.9	5793.5	5708.9	5692.2	5599.2	5389.3	5203.6	4787.8
12.5°	6051.0	6108.6	6117.5	6138.8	6117.5	6108.6	6051.0	5919.9	5778.5	5541.7	5164.4
10°	6170.8	6270.5	6268.3	6293.4	6268.3	6270.5	6170.8	6056.7	5941.3	5739.2	5344.2
7.5°	6261.6	6368.7	6414.0	6433.3	6414.0	6368.7	6261.6	6184.3	6070.4	5874.6	5470.7
5°	6372.6	6431.5	6509.6	6487.2	6509.6	6431.5	6372.6	6275.5	6131.5	5923.4	5555.2
2.5°	6419.0	6511.4	6490.0	6511.8	6490.0	6511.4	6419.0	6288.1	6155.7	5988.3	5666.1
0°	6450.4	6516.7	6526.5	6548.6	6526.5	6516.7	6450.4	6320.4	6185.5	6023.5	5697.2
-2.5°	6412.4	6470.7	6572.8	6541.2	6572.8	6470.7	6412.4	6293.0	6164.7	6001.3	5707.7
-5°	6379.0	6522.5	6466.8	6536.3	6466.8	6522.5	6379.0	6252.0	6124.3	5947.7	5640.6
-7.5°	6361.8	6387.4	6424.5	6477.4	6424.5	6387.4	6361.8	6217.2	6077.5	5891.3	5580.2
-10°	6228.6	6254.8	6322.8	6359.7	6322.8	6254.8	6228.6	6162.4	5999.6	5801.8	5504.1
-12.5°	6084.2	6135.0	6206.4	6229.6	6206.4	6135.0	6084.2	6010.7	5894.4	5678.6	5382.7
-15°	5917.9	5993.3	6062.9	6077.5	6062.9	5993.3	5917.9	5831.1	5702.5	5526.9	5236.3
-17.5°	5706.3	5796.8	5869.9	5886.1	5869.9	5796.8	5706.3	5609.1	5482.7	5326.0	5089.0
-20°	5473.1	5559.8	5622.0	5640.8	5622.0	5559.8	5473.1	5371.4	5252.1	5101.4	4878.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	5223.6	5301.6	5354.2	5346.3	5354.2	5301.6	5223.6	5122.5	5012.3	4875.0	4635.0
-25°	4958.6	5031.1	5081.1	5074.0	5081.1	5031.1	4958.6	4870.4	4761.0	4615.3	4400.3
-27.5°	4678.5	4747.1	4795.2	4796.7	4795.2	4747.1	4678.5	4593.6	4483.6	4336.7	4153.1
-30°	4384.1	4446.4	4485.5	4470.4	4485.5	4446.4	4384.1	4301.8	4199.7	4056.9	3863.4
-32.5°	4080.5	4136.8	4172.6	4183.3	4172.6	4136.8	4080.5	4008.9	3922.9	3792.1	3585.3
-35°	3781.0	3830.7	3861.6	3869.3	3861.6	3830.7	3781.0	3715.6	3631.8	3528.3	3324.1
-37.5°	3483.4	3526.2	3547.8	3538.0	3547.8	3526.2	3483.4	3423.3	3347.8	3258.8	3082.4
-40°	3189.4	3230.1	3254.9	3260.8	3254.9	3230.1	3189.4	3134.8	3064.6	2977.9	2836.3
-42.5°	2900.4	2934.2	2956.0	2966.4	2956.0	2934.2	2900.4	2853.4	2779.4	2683.2	2569.4
-45°	2619.8	2650.1	2670.5	2681.8	2670.5	2650.1	2619.8	2577.7	2505.7	2412.7	2306.1
-47.5°	2346.8	2373.4	2391.0	2399.6	2391.0	2373.4	2346.8	2309.9	2245.6	2153.8	2048.5
-50°	2085.7	2108.7	2125.1	2134.6	2125.1	2108.7	2085.7	2053.8	1999.1	1909.8	1809.9
-52.5°	1838.2	1858.3	1872.3	1879.4	1872.3	1858.3	1838.2	1810.4	1766.7	1682.3	1590.3
-55°	1601.8	1618.1	1631.1	1639.0	1631.1	1618.1	1601.8	1579.0	1547.6	1469.4	1384.7
-57.5°	1381.4	1394.7	1407.0	1415.7	1407.0	1394.7	1381.4	1362.0	1336.4	1269.3	1195.2
-60°	1175.1	1187.6	1198.0	1204.7	1198.0	1187.6	1175.1	1157.9	1136.0	1085.5	1025.4
-62.5°	988.9	1000.0	1009.6	1015.8	1009.6	1000.0	988.9	973.5	953.8	914.8	866.3
-65°	810.4	820.4	827.5	831.8	827.5	820.4	810.4	797.0	779.9	752.1	716.1
-67.5°	660.0	671.4	673.7	672.3	673.7	671.4	660.0	646.0	629.7	608.2	581.2
-70°	525.7	535.4	537.6	537.3	537.6	535.4	525.7	514.4	501.8	486.3	466.2
-72.5°	411.0	416.3	411.8	404.8	411.8	416.3	411.0	404.9	398.4	389.6	374.7
-75°	308.4	305.0	300.3	294.4	300.3	305.0	308.4	311.1	313.3	312.8	301.7
-77.5°	225.9	217.5	212.1	206.1	212.1	217.5	225.9	233.5	240.5	244.8	237.2
-80°	157.3	149.1	143.4	137.4	143.4	149.1	157.3	165.0	172.0	177.8	175.2
-82.5°	99.6	92.8	89.5	85.9	89.5	92.8	99.6	106.0	112.0	117.2	115.6
-85°	55.3	51.3	49.0	46.6	49.0	51.3	55.3	59.1	62.6	65.7	64.0
-87.5°	24.4	24.5	23.3	22.1	23.3	24.5	24.4	24.4	24.3	24.2	23.4
-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: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.5	12.9	12.3	11.7	11.1	10.4	9.8	9.2	8.6	8.0	7.4
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	0.0	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	0.9	0.6	1.2	1.9	2.5	2.6	2.3	2.3	2.6	3.1
62.5°	5.0	5.2	4.5	3.7	3.3	3.6	3.9	4.2	3.7	2.9	3.9
60°	14.8	9.0	13.1	14.0	11.2	9.7	14.5	13.8	7.2	6.2	5.6
57.5°	71.2	59.6	65.4	59.4	40.7	35.5	36.8	35.1	31.8	19.5	8.3
55°	245.3	210.2	165.2	142.7	137.4	105.1	78.4	65.4	59.3	42.8	28.4
52.5°	311.7	289.8	255.6	208.6	183.5	174.1	148.8	119.1	94.6	75.7	54.4
50°	390.7	396.6	361.6	296.5	270.8	242.9	218.4	184.0	153.0	122.7	90.6
47.5°	637.5	593.8	558.7	510.1	417.9	359.0	320.4	264.0	221.5	184.8	145.2
45°	850.0	800.0	765.7	690.3	592.3	501.2	440.4	369.7	294.5	245.5	209.5
42.5°	1000.9	936.2	879.8	818.3	724.7	622.0	538.5	468.6	389.5	310.0	262.2
40°	1148.5	1046.0	990.1	935.1	846.8	731.6	666.6	563.9	481.3	393.2	327.8
37.5°	1368.8	1194.5	1174.7	1121.7	1021.9	902.0	828.9	727.6	574.4	491.3	416.2
35°	1741.0	1561.4	1457.7	1405.8	1276.4	1123.6	1003.2	908.6	756.7	593.1	506.5
32.5°	2151.2	1923.9	1766.5	1692.4	1553.6	1346.3	1197.8	1077.4	924.9	739.8	600.9
30°	2382.8	2175.5	1986.0	1859.3	1724.3	1546.1	1375.7	1205.8	1040.2	887.0	703.2
27.5°	2598.3	2339.9	2135.6	1992.6	1866.2	1694.9	1506.3	1324.2	1142.2	990.9	826.9
25°	2803.7	2517.3	2294.6	2126.7	1979.8	1844.1	1631.0	1432.0	1242.1	1074.9	946.7
22.5°	2995.0	2729.2	2472.6	2253.0	2128.5	1982.9	1772.8	1531.7	1346.3	1205.6	1054.7
20°	3310.1	3012.4	2687.6	2497.6	2381.7	2156.9	1919.1	1680.8	1510.5	1349.3	1171.8
17.5°	3829.4	3458.0	3069.5	2866.1	2702.1	2426.3	2123.3	1886.8	1674.2	1494.7	1299.3
15°	4398.0	3919.9	3535.0	3272.2	3012.4	2689.3	2338.6	2083.1	1841.5	1639.6	1416.4
12.5°	4679.0	4223.9	3883.4	3512.9	3177.8	2885.1	2553.3	2271.5	1997.3	1734.2	1488.9
10°	4846.6	4394.4	4009.2	3639.5	3303.6	3021.9	2713.7	2379.9	2075.3	1796.8	1549.4
7.5°	4977.0	4511.0	4100.9	3732.8	3392.4	3095.2	2800.3	2450.4	2137.6	1847.4	1597.9
5°	5067.3	4602.0	4186.0	3813.9	3455.6	3147.9	2864.6	2503.8	2184.1	1885.8	1634.7
2.5°	5160.4	4672.6	4239.4	3866.3	3495.9	3181.2	2903.5	2544.6	2221.9	1914.3	1665.4
0°	5196.7	4713.3	4276.6	3893.8	3518.4	3194.5	2914.8	2571.3	2247.5	1931.0	1685.6
-2.5°	5220.0	4726.6	4291.1	3911.6	3548.3	3215.5	2927.5	2601.4	2255.6	1948.9	1691.3
-5°	5184.6	4710.9	4278.9	3896.9	3548.9	3217.2	2918.7	2605.9	2253.6	1953.7	1686.9
-7.5°	5141.1	4669.4	4232.5	3857.8	3523.3	3195.0	2892.3	2586.4	2245.8	1945.9	1678.6
-10°	5067.6	4603.2	4187.3	3817.0	3478.3	3147.8	2853.9	2549.4	2220.8	1923.6	1659.1
-12.5°	4969.5	4519.5	4108.7	3742.5	3417.7	3099.1	2811.3	2498.2	2178.0	1886.5	1628.2
-15°	4839.8	4410.1	4011.5	3654.6	3340.4	3035.8	2748.2	2441.6	2136.2	1840.8	1585.9
-17.5°	4698.1	4265.7	3873.2	3537.0	3238.9	2950.1	2667.9	2382.2	2088.1	1797.9	1547.8
-20°	4537.1	4112.4	3723.6	3397.7	3116.4	2842.9	2581.9	2315.6	2021.4	1748.6	1507.8

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	4305.4	3930.3	3573.9	3254.3	2985.4	2735.0	2483.7	2226.2	1934.9	1686.8	1453.3
-25°	4076.4	3727.6	3407.2	3113.5	2853.9	2616.0	2371.5	2116.4	1857.8	1614.2	1386.7
-27.5°	3852.3	3529.3	3210.1	2946.0	2712.8	2480.5	2250.8	2009.4	1771.3	1532.5	1324.2
-30°	3610.4	3308.2	3020.4	2772.6	2551.8	2336.8	2130.3	1904.9	1670.6	1444.0	1256.7
-32.5°	3344.7	3079.5	2825.8	2592.4	2386.1	2195.7	1999.7	1786.0	1554.6	1361.4	1178.6
-35°	3086.7	2841.9	2623.0	2417.2	2229.9	2055.7	1865.9	1652.0	1448.7	1267.4	1090.3
-37.5°	2855.9	2617.5	2414.8	2237.5	2081.0	1915.8	1726.5	1536.7	1345.6	1162.8	1008.3
-40°	2617.1	2394.6	2214.6	2070.4	1920.7	1771.9	1605.4	1428.9	1240.3	1061.8	927.8
-42.5°	2385.5	2206.0	2028.5	1884.3	1750.1	1628.3	1487.7	1309.6	1136.3	981.1	852.4
-45°	2158.9	1995.8	1833.8	1702.2	1590.6	1476.4	1350.8	1188.8	1033.1	900.0	778.5
-47.5°	1926.0	1788.7	1653.6	1531.3	1431.5	1320.6	1199.3	1062.0	934.5	814.5	707.0
-50°	1702.4	1591.0	1481.7	1375.7	1274.7	1166.4	1058.1	947.3	833.5	728.9	631.3
-52.5°	1491.8	1399.6	1307.2	1214.5	1126.2	1031.5	931.6	833.1	732.9	645.5	558.4
-55°	1293.8	1214.7	1141.5	1067.1	992.7	907.2	817.1	728.4	648.5	568.2	497.1
-57.5°	1118.4	1049.0	990.7	930.0	867.1	791.5	714.4	639.4	573.1	506.7	440.9
-60°	963.6	903.0	853.0	800.1	744.3	681.1	619.9	560.5	503.2	448.9	392.3
-62.5°	817.2	768.4	723.4	678.5	633.2	585.3	532.9	485.0	440.6	395.0	343.7
-65°	678.8	640.6	602.8	566.6	529.3	490.8	449.1	411.3	375.0	337.9	293.6
-67.5°	552.6	522.7	492.1	461.8	432.7	402.2	370.5	338.9	309.3	279.0	243.1
-70°	444.9	422.3	398.5	373.2	349.2	325.3	300.8	275.2	248.1	223.4	198.8
-72.5°	359.0	342.8	325.0	304.6	282.9	262.3	242.4	222.5	201.9	180.8	159.3
-75°	290.1	278.2	264.7	247.6	230.1	212.1	195.4	178.3	159.5	139.0	119.1
-77.5°	229.7	222.5	214.1	200.5	186.7	172.8	157.9	139.2	120.1	101.2	84.7
-80°	172.2	168.8	163.8	152.0	140.1	128.3	115.8	99.5	83.2	68.0	55.8
-82.5°	113.7	111.3	108.1	100.2	92.4	84.7	76.9	65.5	54.7	44.4	35.3
-85°	62.1	60.1	57.8	54.1	50.4	46.7	42.9	36.6	30.8	25.3	20.4
-87.5°	22.7	21.9	21.2	20.4	19.5	18.7	17.8	16.0	14.2	12.5	10.9
-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: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	6.8	6.2	5.5
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	1.9	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°	4.3	4.3	4.0	3.6	3.2	2.8	2.6	3.4	3.7	3.3	2.8
60°	5.5	5.8	5.5	5.0	4.5	4.0	3.7	3.9	4.3	4.2	3.5
57.5°	7.7	7.5	7.3	6.7	5.9	5.3	4.9	4.8	4.9	4.9	4.3
55°	13.5	9.4	9.5	8.7	7.5	6.5	6.2	6.0	5.7	5.6	5.0
52.5°	34.1	18.9	12.1	11.2	9.8	8.0	7.5	7.1	6.8	6.4	5.7
50°	63.0	40.8	23.1	14.5	12.4	10.5	8.8	8.3	7.8	7.3	6.4
47.5°	100.8	70.1	45.5	22.8	15.9	13.2	10.9	9.4	8.8	8.2	7.1
45°	155.2	103.2	71.6	45.2	21.2	18.1	13.5	10.6	9.9	9.1	7.8
42.5°	215.9	151.5	100.4	68.3	40.5	25.1	16.2	12.8	10.9	10.0	8.5
40°	275.4	209.3	134.9	94.2	61.2	33.7	23.3	15.3	11.9	10.9	9.3
37.5°	341.3	270.5	188.9	121.8	82.2	51.4	31.9	17.8	13.5	12.0	10.2
35°	422.8	338.4	243.0	162.2	108.8	67.8	41.5	22.7	16.6	13.0	11.1
32.5°	504.1	406.1	301.5	209.3	136.7	83.0	53.9	32.4	20.2	14.2	12.0
30°	586.1	468.2	356.5	252.9	168.7	107.3	67.3	41.8	24.4	15.3	12.9
27.5°	659.8	526.8	408.1	298.4	206.3	133.0	81.4	50.9	29.0	17.4	13.9
25°	743.1	590.1	458.8	341.9	240.7	159.7	95.8	59.9	35.7	20.9	14.8
22.5°	850.3	655.2	505.8	381.3	274.8	185.3	114.3	71.7	43.1	24.7	15.8
20°	956.9	718.8	551.8	430.7	311.8	214.2	135.7	83.4	50.1	28.5	16.7
17.5°	1061.4	800.2	618.8	481.1	351.4	241.1	155.7	94.9	56.7	32.5	17.7
15°	1155.2	893.5	684.7	528.9	390.2	266.1	174.3	106.1	62.9	36.5	18.9
12.5°	1233.9	973.9	746.7	573.6	427.6	288.9	191.2	116.9	68.6	40.9	20.6
10°	1299.0	1042.0	804.2	614.8	462.9	309.3	206.5	127.6	75.3	45.6	22.4
7.5°	1350.9	1098.2	856.5	652.3	494.9	328.5	222.8	138.9	81.7	50.0	24.2
5°	1390.0	1142.0	896.9	679.2	520.4	346.1	238.0	149.3	87.7	54.2	26.0
2.5°	1415.4	1174.2	926.9	700.2	541.2	360.9	251.2	158.7	93.2	57.9	27.8
0°	1430.4	1197.3	949.5	716.4	557.0	372.9	262.5	166.8	98.1	61.3	29.4
-2.5°	1443.8	1212.5	969.3	744.6	567.9	392.6	269.7	174.1	105.9	63.7	32.4
-5°	1448.2	1219.2	982.3	766.4	574.4	408.5	274.8	180.1	112.7	65.7	35.2
-7.5°	1440.8	1215.2	986.9	778.8	577.5	419.8	277.7	184.8	118.2	67.3	37.6
-10°	1424.2	1202.0	980.9	775.1	581.6	423.3	279.5	188.2	122.2	68.4	39.6
-12.5°	1399.6	1182.1	968.0	766.8	580.9	421.1	284.1	190.9	124.3	69.2	41.0
-15°	1367.3	1156.2	948.2	754.7	573.9	416.0	285.2	191.9	124.1	70.6	41.9
-17.5°	1329.4	1124.6	921.8	739.2	560.3	408.4	282.7	190.7	122.9	72.8	42.8
-20°	1291.4	1089.6	890.5	720.9	539.7	398.5	276.1	187.2	120.6	74.1	43.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	1246.9	1049.4	863.4	695.3	517.5	386.6	265.3	181.2	117.4	74.7	44.1
-25°	1195.7	1002.5	830.8	660.2	500.0	373.1	254.2	172.8	113.2	74.5	43.9
-27.5°	1137.9	952.4	792.5	621.8	481.9	354.2	243.7	166.5	109.7	73.4	43.3
-30°	1073.3	905.1	746.7	584.8	459.7	333.8	229.9	159.6	108.1	72.1	42.1
-32.5°	1003.7	852.0	697.4	556.6	434.4	312.7	217.7	151.7	105.4	70.3	42.1
-35°	938.5	794.1	647.1	524.1	407.6	300.1	209.6	143.0	101.6	67.8	42.4
-37.5°	868.6	733.4	607.3	490.2	379.4	285.7	203.0	139.1	96.6	64.7	42.2
-40°	801.3	675.9	561.2	457.9	358.5	269.5	192.7	134.7	91.9	60.9	41.7
-42.5°	733.3	621.8	517.1	422.8	338.8	253.9	179.4	128.0	88.1	58.7	40.7
-45°	670.6	565.9	470.2	392.1	316.9	233.8	169.2	119.6	83.4	57.1	39.9
-47.5°	604.8	509.1	427.3	358.5	288.2	212.0	156.2	113.0	77.8	55.1	39.3
-50°	536.9	455.2	387.2	321.6	253.2	193.8	142.3	105.1	75.8	53.5	38.3
-52.5°	477.4	407.9	346.2	283.7	226.7	172.5	131.8	96.7	73.1	52.1	36.9
-55°	426.2	362.9	305.8	252.6	201.5	156.8	119.9	92.6	69.8	50.4	35.3
-57.5°	380.9	321.2	272.7	224.8	180.5	141.7	111.5	87.9	66.3	48.0	33.8
-60°	336.9	287.9	242.5	199.9	160.8	128.7	105.0	82.4	62.2	45.0	32.1
-62.5°	296.3	253.1	213.6	175.1	143.2	118.1	97.5	76.0	57.3	41.3	30.0
-65°	253.6	216.8	183.5	153.2	127.3	105.7	87.8	68.7	50.8	36.8	27.1
-67.5°	209.3	182.3	156.2	131.0	109.8	91.7	76.6	59.0	43.3	31.6	23.8
-70°	174.3	150.5	128.4	108.6	91.4	76.6	62.6	47.7	34.9	27.0	20.3
-72.5°	138.7	119.3	101.3	85.5	73.2	60.7	48.0	36.5	28.9	22.3	16.6
-75°	102.7	89.6	77.8	66.9	55.8	44.8	36.6	29.0	22.8	17.3	14.0
-77.5°	74.5	65.0	56.4	49.5	41.8	34.5	27.6	21.3	17.2	14.4	11.8
-80°	50.6	45.6	40.9	36.0	29.8	24.0	19.9	16.4	13.9	11.6	9.5
-82.5°	31.9	29.2	26.8	24.4	20.8	17.6	14.8	12.3	10.5	8.8	7.7
-85°	18.9	17.5	16.1	14.8	12.8	11.0	10.2	9.4	8.6	7.8	7.0
-87.5°	10.7	10.5	10.4	10.2	9.7	9.2	8.8	8.4	7.7	7.0	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9



REPORT NUMBER: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.9	4.3	3.7	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°	3.5	3.2	2.7	2.4	2.5	2.5	2.5
55°	4.1	3.5	3.0	2.4	2.6	2.5	2.5
52.5°	4.7	3.8	3.2	2.5	2.6	2.5	2.5
50°	5.3	4.3	3.5	2.5	2.7	2.5	2.5
47.5°	5.9	4.8	3.8	2.6	2.7	2.5	2.5
45°	6.5	5.2	4.1	2.8	2.8	2.5	2.5
42.5°	7.1	5.7	4.4	3.0	2.9	2.5	2.5
40°	7.6	6.2	4.7	3.3	3.0	2.5	2.5
37.5°	8.1	6.6	5.0	3.6	3.0	2.5	2.5
35°	8.6	7.0	5.4	3.9	3.2	2.5	2.5
32.5°	9.2	7.5	5.7	4.2	3.3	2.5	2.5
30°	9.9	7.8	6.0	4.5	3.4	2.5	2.5
27.5°	10.7	8.2	6.4	4.8	3.5	2.5	2.5
25°	11.4	8.6	6.8	5.1	3.6	2.5	2.5
22.5°	12.1	8.9	7.2	5.4	3.8	2.5	2.5
20°	12.8	9.4	7.5	5.7	3.9	2.5	2.5
17.5°	13.5	9.8	7.9	5.9	4.0	2.5	2.5
15°	14.2	10.2	8.2	6.2	4.2	2.5	2.5
12.5°	14.8	10.6	8.5	6.4	4.3	2.5	2.5
10°	15.4	11.0	8.8	6.6	4.4	2.5	2.5
7.5°	15.9	11.4	9.1	6.8	4.6	2.5	2.5
5°	16.4	11.7	9.3	7.0	4.7	2.5	2.5
2.5°	16.8	12.0	9.6	7.2	4.8	2.5	2.5
0°	17.2	12.3	9.8	7.4	4.9	2.5	2.5
-2.5°	18.1	12.6	10.0	7.4	4.9	2.5	2.5
-5°	19.0	12.8	10.2	7.4	4.9	2.5	2.5
-7.5°	19.8	13.0	10.4	7.3	4.9	2.5	2.5
-10°	20.4	13.2	10.5	7.3	4.8	2.5	2.5
-12.5°	20.9	13.3	10.6	7.2	4.8	2.5	2.5
-15°	21.2	13.5	10.6	7.1	4.7	2.5	2.5
-17.5°	21.3	13.6	10.6	7.1	4.7	2.5	2.5
-20°	21.8	13.6	10.5	6.9	4.6	2.5	2.5

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REPORT NUMBER: P627010 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.2	13.7	10.4	6.8	4.5	2.5	2.5
-25°	24.4	14.6	10.2	6.7	4.4	2.5	2.5
-27.5°	25.3	15.8	10.0	6.5	4.4	2.5	2.5
-30°	25.9	16.7	9.7	6.4	4.3	2.5	2.5
-32.5°	26.2	17.6	10.1	6.2	4.1	2.5	2.5
-35°	26.9	18.2	10.4	6.0	4.0	2.5	2.5
-37.5°	27.6	18.6	10.5	5.8	3.9	2.5	2.5
-40°	28.1	18.7	10.6	5.6	3.8	2.5	2.5
-42.5°	28.2	18.8	10.7	5.5	3.6	2.5	2.5
-45°	28.1	18.6	10.7	5.5	3.5	2.5	2.5
-47.5°	27.7	18.3	10.6	5.5	3.3	2.5	2.5
-50°	27.1	17.9	10.4	5.4	3.2	2.5	2.5
-52.5°	26.3	17.4	10.1	5.3	3.0	2.5	2.5
-55°	25.4	16.6	9.7	5.2	2.9	2.5	2.5
-57.5°	24.3	15.7	9.1	5.0	2.7	2.5	2.5
-60°	22.9	14.7	8.5	4.8	2.5	2.5	2.5
-62.5°	21.1	13.4	8.0	4.5	2.5	2.5	2.5
-65°	19.0	12.0	7.5	4.3	2.5	2.5	2.5
-67.5°	16.7	10.8	6.9	3.9	2.5	2.5	2.5
-70°	14.2	9.8	6.3	3.6	2.5	2.5	2.5
-72.5°	12.6	8.8	5.6	3.5	2.5	2.5	2.5
-75°	10.9	7.6	4.9	3.5	2.5	2.5	2.5
-77.5°	9.3	6.5	4.7	3.4	2.5	2.5	2.5
-80°	7.5	5.8	4.5	3.4	2.5	2.5	2.5
-82.5°	6.8	5.5	4.3	3.3	2.5	2.5	2.5
-85°	6.2	5.1	4.1	3.3	2.5	2.5	2.5
-87.5°	5.5	4.7	3.9	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)