

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: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-730-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

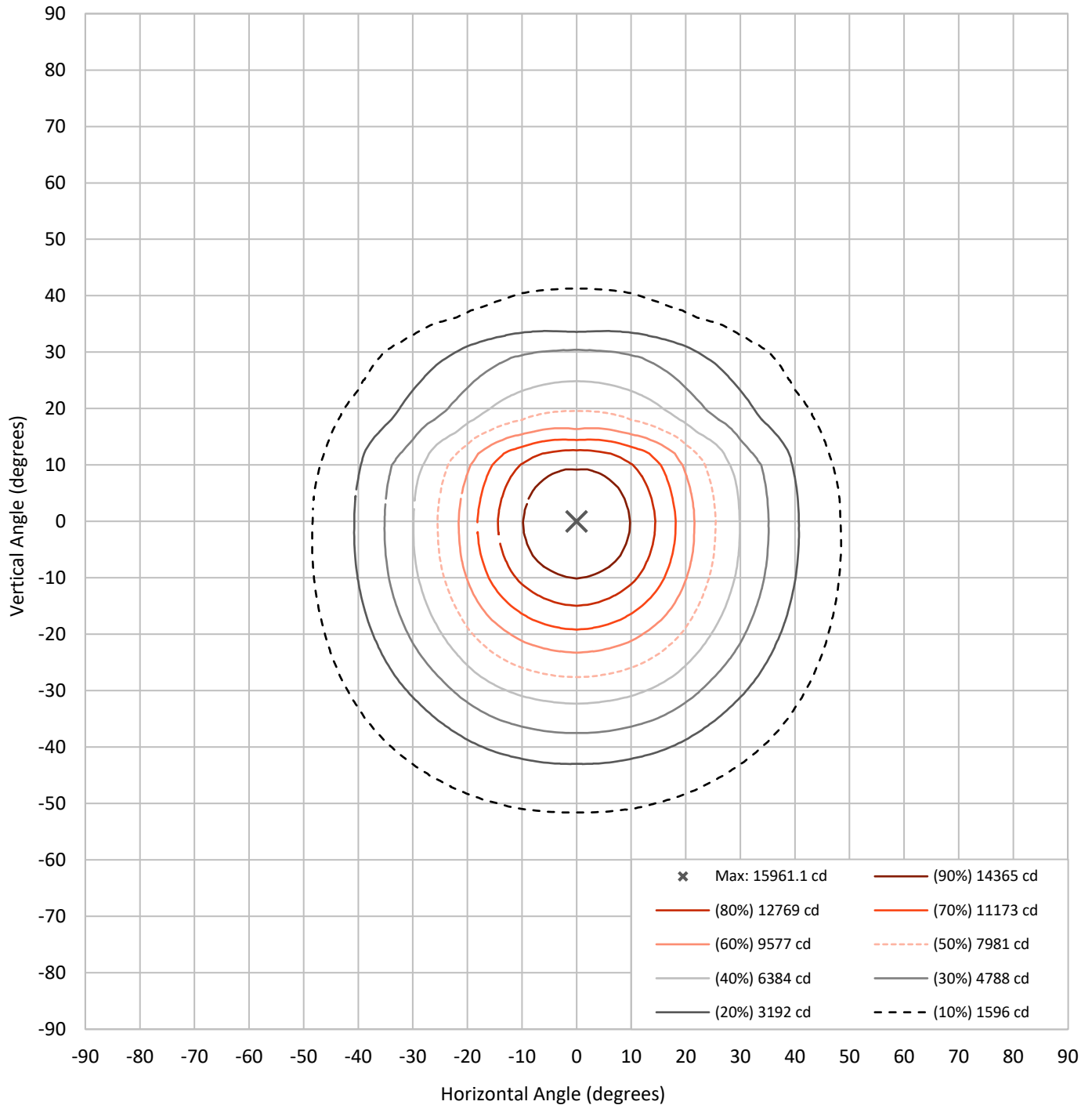
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14081.1 lumens	Max Intensity:	15961.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	6779.4 lumens	Field Lumens:	12607.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	121.7		
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





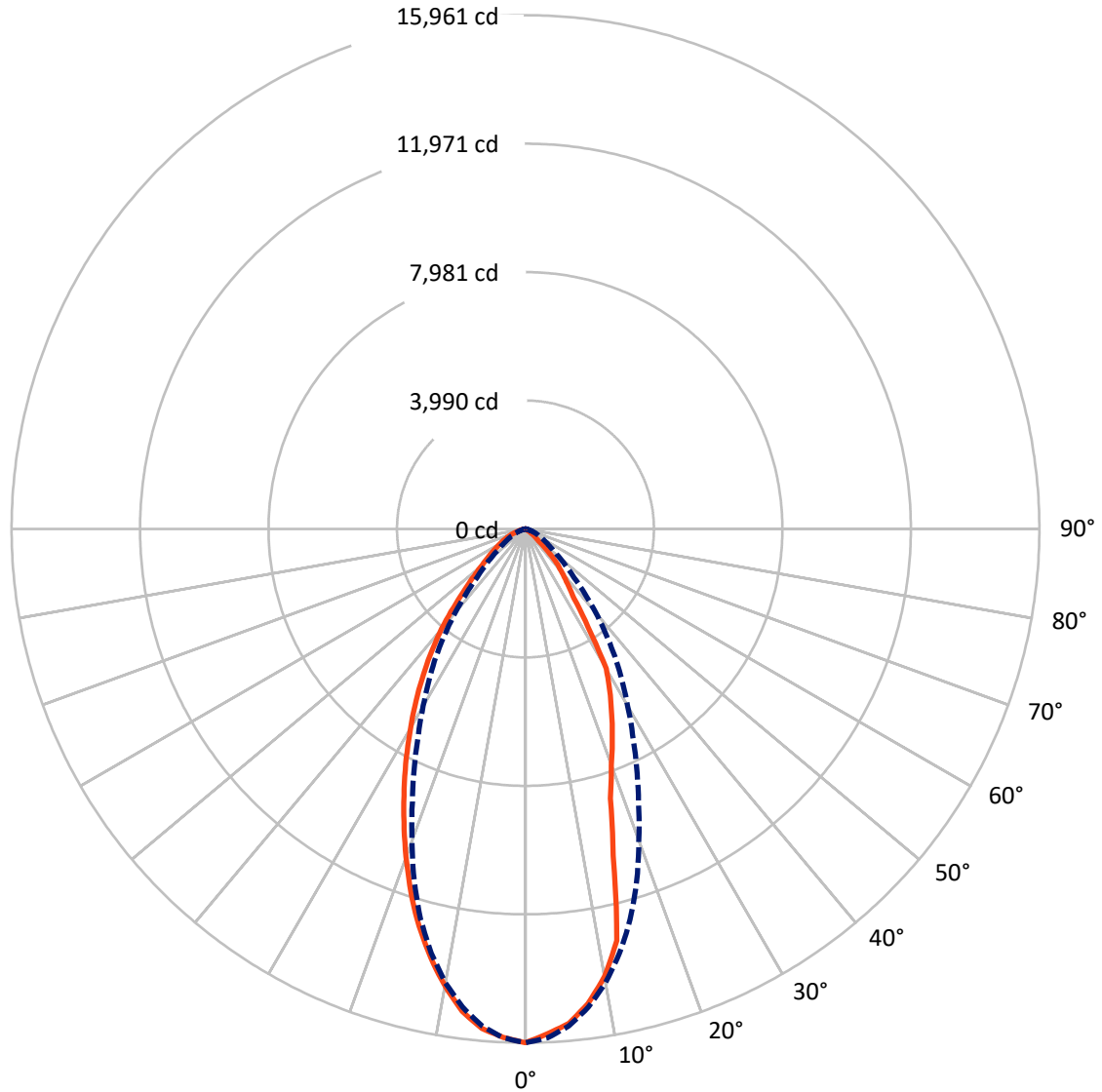
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
50		0.3	0.7	1.3	2.2	3.2	4.4	5.0	5.0	4.4	3.2	2.2	1.3	0.7	0.3				
40	0.6	1.1	2.7	5.7	10.5	17.2	24.8	30.4	30.4	24.8	17.2	10.5	5.7	2.7	1.1			0.6	
30		2.1	5.5	12.7	26.3	48.3	73.9	88.8	88.8	73.9	48.3	26.3	12.7	5.5	2.1				
20	1.5	3.4	8.9	23.1	54.7	102.7	156.3	188.4	188.4	156.3	102.7	54.7	23.1	8.9	3.4			1.5	
10		4.6	12.7	36.2	90.0	166.4	260.0	321.5	321.5	260.0	166.4	90.0	36.2	12.7	4.6				
0	2.2	5.3	16.0	46.9	118.2	220.2	353.6	448.3	448.3	353.6	220.2	118.2	46.9	16.0	5.3			2.2	
-10		5.5	16.6	48.4	119.9	223.4	357.2	451.1	451.1	357.2	223.4	119.9	48.4	16.6	5.5				
-20	2.3	5.5	15.8	43.1	106.2	196.2	302.4	373.2	373.2	302.4	196.2	106.2	43.1	15.8	5.5			2.3	
-30		5.0	13.6	33.7	79.2	147.9	220.4	264.3	264.3	220.4	147.9	79.2	33.7	13.6	5.0				
-40	2.0	4.4	11.0	24.4	49.9	91.7	138.4	164.8	164.8	138.4	91.7	49.9	24.4	11.0	4.4			2.0	
-50		3.7	8.5	16.8	30.0	48.0	68.9	82.0	82.0	68.9	48.0	30.0	16.8	8.5	3.7				
-60	1.3	2.9	6.2	11.2	18.3	26.3	34.1	38.5	38.5	34.1	26.3	18.3	11.2	6.2	2.9			1.3	
-70		2.0	4.1	6.9	10.6	14.5	17.7	19.3	19.3	17.7	14.5	10.6	6.9	4.1	2.0				
-80	0.3	4.0	10.3	18.5	16.9	18.5	10.3	4.0	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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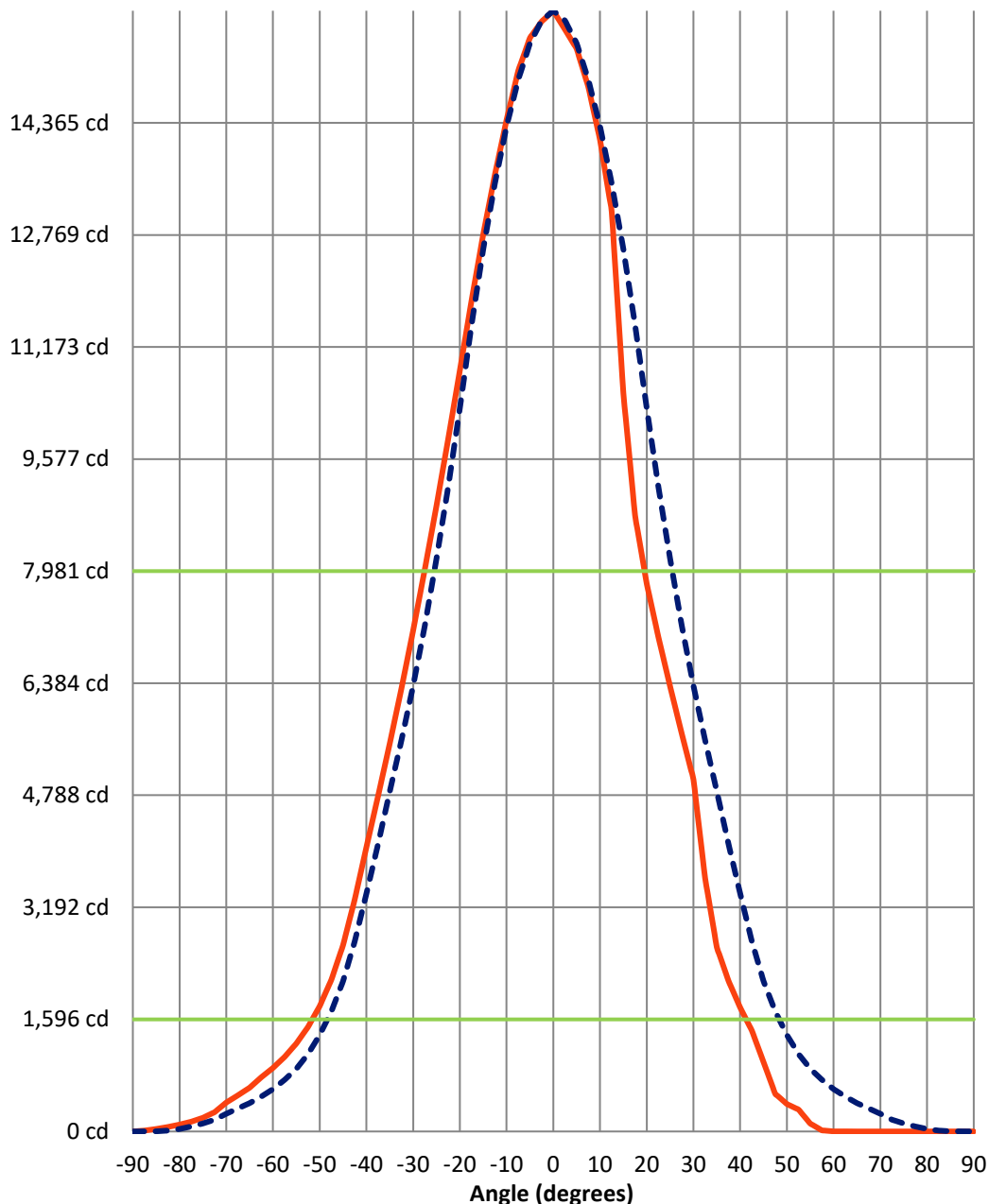
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 6779.4
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 12607.4
 Efficiency: 89.5%

Spill:
 Lumens: 1473.7
 Efficiency: 10.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.1
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.1
77.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.1
75°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	0.0	0.4	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2
67.5°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.1	1.1	1.4	1.4
65°	0.0	0.5	0.9	1.1	1.1	1.2	1.3	1.1	1.6	1.8	2.2
62.5°	0.0	0.5	1.0	1.1	1.1	1.5	1.5	1.5	2.1	3.0	4.7
60°	0.0	0.5	1.1	1.1	1.1	1.8	1.8	2.1	2.7	7.5	8.1
57.5°	0.0	0.6	1.1	1.1	1.4	2.1	3.1	2.9	7.4	12.7	14.0
55°	0.0	0.6	1.1	1.1	1.8	2.5	4.7	4.3	13.6	19.2	21.7
52.5°	0.0	0.7	1.2	1.1	2.2	3.2	6.6	10.7	20.4	28.5	30.7
50°	0.0	0.7	1.2	1.1	2.5	5.1	8.7	17.7	28.5	38.8	46.9
47.5°	0.0	0.7	1.2	1.2	2.9	7.2	11.6	24.8	39.1	50.1	63.6
45°	0.0	0.8	1.2	1.5	3.4	9.5	17.8	32.0	49.7	64.9	80.0
42.5°	0.0	0.8	1.3	1.8	3.8	11.9	23.9	40.4	60.4	79.5	98.4
40°	0.0	0.8	1.3	2.2	5.0	14.3	30.1	49.6	71.4	93.7	117.5
37.5°	0.0	0.9	1.4	2.7	7.0	17.0	36.1	58.7	83.4	108.4	137.1
35°	0.0	0.9	1.4	3.3	8.9	21.1	42.2	67.7	95.4	125.9	158.3
32.5°	0.0	0.9	1.5	3.9	10.9	25.8	48.5	76.5	107.4	143.9	182.3
30°	0.0	1.0	1.5	4.5	12.9	30.5	55.6	85.4	119.4	162.3	206.4
27.5°	0.0	1.0	1.6	5.1	15.2	35.0	62.5	95.2	132.6	180.9	230.6
25°	0.0	1.0	1.7	5.8	17.5	39.3	69.2	104.8	147.8	200.8	254.8
22.5°	0.0	1.0	1.7	6.5	19.7	43.5	75.6	114.1	162.9	220.9	279.3
20°	0.0	1.0	1.8	7.2	21.9	47.6	81.7	123.1	177.7	240.6	302.7
17.5°	0.0	1.0	1.9	7.9	24.0	51.5	87.3	131.8	192.1	259.7	324.9
15°	0.0	1.1	1.9	8.6	26.0	55.1	92.5	139.5	206.0	278.1	345.7
12.5°	0.0	1.1	2.0	9.3	27.8	58.5	97.2	145.9	217.6	295.7	365.3
10°	0.0	1.1	2.1	10.0	29.6	61.5	101.5	151.7	226.8	306.1	380.7
7.5°	0.0	1.1	2.1	10.7	31.3	64.3	105.3	156.7	235.0	314.0	388.7
5°	0.0	1.1	2.2	11.4	32.8	66.7	108.7	161.1	241.9	320.3	395.2
2.5°	0.0	1.1	2.2	12.0	34.1	68.9	111.6	164.7	247.6	325.0	400.2
0°	0.0	1.1	2.3	12.5	35.3	70.7	114.0	167.6	252.0	328.3	403.6
-2.5°	0.0	1.2	2.6	13.3	36.9	72.9	117.1	172.4	256.9	333.1	408.9
-5°	0.0	1.2	3.0	14.0	38.3	74.8	119.7	176.5	260.5	336.5	412.7
-7.5°	0.0	1.3	3.3	14.7	39.6	76.3	121.7	179.7	262.8	338.6	415.0
-10°	0.0	1.4	3.6	15.3	40.6	77.4	123.2	181.9	263.7	339.5	415.7
-12.5°	0.0	1.4	3.9	15.8	41.3	78.2	124.0	183.2	263.4	338.9	413.7
-15°	0.0	1.5	4.2	16.2	41.8	78.5	124.3	183.5	261.5	336.0	409.7
-17.5°	0.0	1.6	4.5	16.5	42.0	78.5	123.9	183.1	258.1	332.0	404.2
-20°	0.0	1.6	4.7	16.7	42.0	78.0	123.6	182.2	253.9	327.0	397.1

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Scaled Data Report



REPORT NUMBER: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.6	4.9	16.8	41.7	77.2	123.6	180.6	248.9	321.0	388.5
-25°	0.0	1.7	5.1	16.8	41.0	76.9	123.1	178.2	243.2	314.2	378.4
-27.5°	0.0	1.7	5.3	16.7	40.1	76.6	121.9	175.0	236.9	306.3	369.0
-30°	0.0	1.7	5.4	16.5	38.9	75.7	120.1	171.1	231.3	297.4	358.9
-32.5°	0.0	1.7	5.5	16.1	38.4	74.4	117.7	167.9	225.8	288.1	348.2
-35°	0.0	1.7	5.5	15.7	37.6	72.7	115.4	164.4	219.5	278.5	336.7
-37.5°	0.0	1.7	5.5	15.1	36.5	70.7	112.8	160.2	212.5	268.6	323.3
-40°	0.0	1.7	5.5	14.4	35.1	69.0	109.5	155.2	204.8	259.4	309.0
-42.5°	0.0	1.7	5.5	13.7	34.0	66.8	105.6	149.6	197.7	247.5	293.7
-45°	0.0	1.7	5.4	13.2	33.4	64.2	101.1	143.6	190.4	234.7	277.8
-47.5°	0.0	1.6	5.3	12.5	32.3	61.2	96.0	137.6	182.2	221.4	263.1
-50°	0.0	1.6	5.1	12.2	31.0	57.7	91.6	130.8	171.5	209.4	247.9
-52.5°	0.0	1.5	4.9	12.1	29.3	53.8	86.7	123.3	160.9	196.8	232.5
-55°	0.0	1.5	4.7	11.8	27.3	50.7	81.4	115.3	149.9	183.7	218.0
-57.5°	0.0	1.4	4.4	11.3	24.9	47.2	75.5	108.1	138.3	170.5	203.0
-60°	0.0	1.3	4.1	10.7	22.3	43.3	69.2	99.5	126.5	156.8	187.5
-62.5°	0.0	1.2	3.9	9.9	20.8	39.0	63.2	89.9	114.7	142.5	171.5
-65°	0.0	1.1	3.6	9.0	19.0	34.2	56.5	79.9	102.2	127.5	154.9
-67.5°	0.0	1.0	3.3	8.0	17.0	29.9	49.3	69.8	89.1	111.6	136.5
-70°	0.0	0.9	3.0	6.9	14.8	26.3	41.6	59.4	76.6	94.9	116.7
-72.5°	0.0	0.8	2.7	6.1	12.4	22.3	35.3	48.6	63.8	79.8	96.8
-75°	0.0	0.7	2.3	5.3	9.9	18.0	29.0	39.6	50.6	64.4	79.0
-77.5°	0.0	0.6	2.0	4.5	8.2	13.6	22.3	31.1	40.2	49.7	60.8
-80°	0.0	0.5	1.6	3.7	6.6	10.4	15.4	22.5	29.9	37.6	45.8
-82.5°	0.0	0.4	1.2	2.8	5.0	7.9	11.4	15.0	19.4	25.4	31.7
-85°	0.0	0.2	0.8	1.9	3.4	5.3	7.6	10.1	12.8	15.9	19.2
-87.5°	0.0	0.1	0.4	0.9	1.7	2.6	3.8	5.0	6.4	8.0	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
85°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9
67.5°	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	0.9	0.6
65°	1.1	1.1	1.5	1.7	1.2	1.1	1.1	1.1	1.2	1.0	1.0
62.5°	1.6	2.0	2.5	4.0	2.9	1.1	2.2	2.6	1.7	1.4	1.5
60°	5.0	3.4	8.8	12.1	7.9	4.2	5.2	10.3	8.5	2.3	6.0
57.5°	10.1	12.4	22.1	23.2	17.8	12.1	26.4	29.3	24.3	15.2	21.9
55°	21.0	29.5	37.3	36.8	37.1	46.6	54.8	53.7	47.4	65.3	82.2
52.5°	39.7	48.5	53.7	58.5	71.8	80.7	83.2	88.2	106.8	129.0	133.0
50°	58.3	67.4	74.2	91.5	105.1	112.1	118.6	135.7	163.8	179.0	181.5
47.5°	77.1	87.2	105.1	124.1	137.3	147.8	159.1	197.8	229.2	242.1	246.8
45°	96.7	114.2	136.6	156.0	171.3	185.7	222.3	275.1	297.2	317.1	367.8
42.5°	117.0	143.5	168.6	189.0	206.3	236.2	287.2	338.4	370.0	412.4	473.6
40°	143.0	172.6	201.8	222.6	244.1	289.4	352.6	406.8	440.2	497.0	566.8
37.5°	169.3	204.0	235.5	257.4	287.6	349.0	423.2	488.1	529.5	575.8	687.9
35°	195.4	236.0	268.4	297.7	335.0	419.6	511.1	583.3	634.5	713.7	855.6
32.5°	223.2	268.6	301.7	341.6	403.0	497.5	609.9	690.0	775.0	889.0	1116.3
30°	252.8	299.2	337.2	385.2	467.4	577.8	708.2	808.9	924.2	1109.4	1354.4
27.5°	282.3	329.6	376.4	437.5	527.8	647.0	783.2	941.9	1091.0	1298.1	1565.9
25°	310.7	360.6	414.8	488.7	586.4	711.1	859.8	1042.9	1237.5	1474.4	1788.7
22.5°	337.7	392.0	455.5	534.9	635.8	772.0	949.3	1164.4	1398.2	1643.5	2004.8
20°	364.3	427.1	500.0	588.9	681.2	828.2	1036.9	1297.3	1590.3	1926.4	2280.5
17.5°	390.5	461.8	546.0	644.8	756.6	907.0	1126.6	1436.6	1793.2	2230.7	2666.7
15°	416.2	495.8	590.5	700.0	832.7	1012.4	1261.8	1602.6	2033.4	2557.3	3073.7
12.5°	441.1	528.8	633.1	753.9	906.5	1111.7	1389.3	1756.9	2250.6	2876.5	3510.9
10°	464.9	560.5	673.7	805.9	977.2	1204.0	1502.0	1890.4	2414.4	3059.4	3765.0
7.5°	477.1	581.9	708.2	855.4	1043.9	1288.8	1600.0	2003.3	2542.4	3206.6	3914.0
5°	485.8	591.7	721.2	875.2	1080.5	1346.5	1675.1	2095.5	2636.7	3317.3	4015.0
2.5°	492.5	598.8	730.7	886.3	1095.0	1365.6	1699.9	2127.7	2687.3	3375.1	4073.8
0°	497.1	603.1	736.5	892.7	1102.5	1374.9	1711.3	2141.1	2708.8	3388.3	4095.2
-2.5°	502.0	609.0	742.6	902.6	1112.9	1387.6	1723.9	2150.6	2724.9	3392.0	4106.8
-5°	504.8	612.2	745.0	907.4	1116.3	1389.9	1722.9	2141.5	2712.1	3365.4	4081.6
-7.5°	505.6	612.5	743.7	906.4	1112.0	1379.2	1704.7	2114.8	2667.9	3311.5	4020.0
-10°	504.3	609.8	738.8	898.2	1099.4	1356.8	1672.2	2068.5	2595.2	3222.6	3915.8
-12.5°	500.6	604.1	730.0	884.8	1079.3	1324.9	1626.3	2002.5	2494.3	3098.9	3769.0
-15°	494.7	595.6	717.3	866.2	1051.5	1284.0	1567.3	1916.8	2364.4	2941.7	3586.2
-17.5°	486.6	584.3	700.7	842.5	1016.0	1234.2	1496.0	1816.4	2224.2	2766.3	3382.9
-20°	476.2	570.3	680.1	813.7	975.0	1181.8	1429.9	1727.6	2093.1	2565.4	3143.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	463.5	553.6	658.3	786.2	938.7	1127.4	1355.9	1626.9	1946.0	2333.3	2881.3
-25°	450.6	537.5	637.2	755.5	897.1	1065.7	1271.3	1518.1	1807.1	2161.6	2614.8
-27.5°	437.8	519.1	612.7	720.1	850.6	1002.1	1191.7	1416.8	1674.3	1975.8	2344.8
-30°	423.4	498.6	585.7	683.0	806.0	946.6	1110.6	1303.4	1532.4	1804.8	2125.6
-32.5°	407.6	476.5	559.6	650.9	758.3	886.3	1028.1	1202.5	1401.7	1626.5	1903.7
-35°	391.9	457.6	532.9	616.4	707.0	826.8	957.2	1101.9	1271.3	1470.3	1692.1
-37.5°	376.8	437.1	504.2	582.0	667.1	766.6	881.7	1012.3	1158.2	1316.5	1508.1
-40°	360.0	414.8	478.4	548.9	624.1	710.3	814.1	925.0	1050.6	1189.9	1337.8
-42.5°	341.7	394.4	452.4	513.2	582.2	659.2	745.3	846.7	951.0	1067.8	1196.9
-45°	323.9	372.2	425.3	480.8	538.8	606.8	685.0	769.4	861.9	957.1	1065.6
-47.5°	305.0	349.2	398.6	446.9	498.3	556.4	622.7	699.3	776.4	861.2	945.4
-50°	286.2	327.6	369.1	414.2	460.3	508.6	564.6	630.7	700.9	771.3	845.3
-52.5°	269.3	305.1	342.6	381.3	423.3	466.3	513.0	567.4	628.8	690.8	754.6
-55°	252.0	285.1	316.0	350.7	387.0	425.7	467.4	513.2	559.5	616.0	670.9
-57.5°	235.2	264.5	291.4	320.9	353.2	386.1	423.7	462.6	504.7	547.3	592.3
-60°	218.2	243.2	267.6	293.1	320.2	349.4	379.7	413.9	450.0	487.0	526.0
-62.5°	200.7	220.9	242.5	265.9	289.7	312.2	337.5	365.5	395.3	427.1	460.1
-65°	181.1	197.9	215.9	236.3	258.7	276.8	296.2	317.2	341.8	368.1	394.0
-67.5°	160.2	175.1	189.8	204.9	223.1	239.3	255.3	272.0	290.4	311.8	332.6
-70°	137.0	151.8	164.7	177.3	188.8	200.4	214.0	227.2	242.0	261.2	280.1
-72.5°	113.3	127.2	139.5	150.1	158.2	165.2	173.5	183.1	197.3	215.1	231.8
-75°	91.7	102.9	114.3	124.5	129.8	131.9	133.6	138.7	153.0	171.3	187.5
-77.5°	71.4	81.1	90.5	99.4	103.0	104.5	105.2	105.2	115.8	131.4	147.8
-80°	52.6	59.4	67.3	74.9	77.1	77.8	77.9	77.4	86.1	97.3	109.3
-82.5°	36.5	41.4	46.5	51.6	52.3	52.0	51.2	50.5	57.5	65.6	73.9
-85°	21.3	23.3	26.4	29.6	29.9	29.8	29.3	28.4	32.3	36.7	41.3
-87.5°	10.7	11.7	12.7	13.7	13.4	12.8	12.2	11.3	12.4	13.6	14.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.1	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.1	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.1	1.0	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.1	1.1	0.8	0.5	0.3	0.2	0.3	0.2	0.1	0.0	0.0
62.5°	1.5	1.4	1.0	0.9	1.0	1.1	0.9	0.8	0.7	0.8	0.9
60°	6.4	3.6	3.7	4.7	4.0	1.8	3.7	4.7	4.4	3.4	2.9
57.5°	32.7	27.4	19.1	32.1	33.0	23.1	25.0	32.6	31.6	24.4	24.3
55°	82.4	83.6	89.8	97.9	103.9	106.7	109.2	121.4	134.5	147.3	153.7
52.5°	136.2	152.1	171.9	185.0	194.2	213.0	239.3	251.3	263.1	276.4	286.0
50°	200.6	228.2	248.1	251.1	282.3	302.6	307.3	330.0	354.6	370.0	381.0
47.5°	298.4	333.4	350.7	361.8	399.8	441.5	441.6	454.6	516.3	548.6	564.2
45°	429.8	459.0	489.7	569.3	642.6	665.8	715.5	782.8	826.7	886.9	953.2
42.5°	541.7	596.5	673.3	761.0	834.4	895.5	969.4	1050.4	1147.7	1239.2	1318.1
40°	652.4	720.3	815.4	910.8	1003.2	1087.9	1207.0	1311.2	1425.9	1551.7	1656.6
37.5°	796.9	883.8	982.1	1102.4	1246.3	1340.3	1504.1	1653.7	1783.0	1934.9	2028.5
35°	1018.8	1132.1	1219.1	1462.3	1637.3	1747.2	1941.2	2187.1	2281.5	2472.9	2563.7
32.5°	1297.9	1448.3	1677.3	1999.4	2233.1	2435.5	2725.4	2975.0	3187.6	3379.8	3579.8
30°	1611.3	1843.5	2181.1	2609.1	2846.5	3130.0	3522.0	3817.9	4151.4	4517.6	4645.9
27.5°	1895.8	2243.6	2635.6	2982.2	3323.2	3676.3	4061.4	4441.5	4802.6	5107.3	5311.8
25°	2159.5	2580.7	2961.6	3332.0	3701.5	4099.1	4534.8	4965.9	5363.2	5676.7	5915.1
22.5°	2431.5	2876.5	3284.0	3659.8	4089.6	4540.2	5003.5	5498.0	5950.1	6275.4	6535.1
20°	2687.2	3182.1	3647.0	4074.9	4481.1	5001.3	5534.8	6059.4	6551.7	6939.1	7238.6
17.5°	3093.1	3522.7	4090.9	4646.7	5104.4	5582.3	6295.2	6836.6	7383.0	7846.9	8164.4
15°	3591.6	4064.0	4650.6	5414.1	6041.2	6588.7	7325.2	8205.8	8850.3	9442.6	9849.0
12.5°	4090.5	4624.8	5259.3	6118.5	7011.3	7656.2	8549.7	9665.7	10416.3	11333.4	11785.5
10°	4472.8	5143.8	5797.3	6581.3	7438.8	8357.1	9320.3	10364.3	11367.3	12154.8	12858.8
7.5°	4626.8	5341.5	6098.0	6897.9	7755.3	8703.1	9729.7	10816.0	11848.2	12727.8	13501.5
5°	4741.9	5474.2	6235.6	7053.6	7970.1	8959.9	10001.8	11142.4	12196.5	13139.2	13930.7
2.5°	4815.0	5554.2	6312.4	7143.9	8107.9	9127.0	10202.4	11373.2	12443.2	13413.7	14202.6
0°	4843.1	5571.6	6348.0	7204.2	8158.4	9179.9	10301.8	11486.3	12564.8	13503.1	14314.8
-2.5°	4846.9	5555.4	6350.3	7202.3	8115.4	9146.4	10281.8	11456.5	12513.1	13447.6	14266.6
-5°	4808.8	5517.1	6312.7	7151.8	8066.1	9089.4	10176.1	11311.2	12318.9	13228.4	14016.9
-7.5°	4731.7	5438.0	6216.0	7035.9	7925.6	8918.2	9961.8	11017.2	12005.7	12878.0	13630.5
-10°	4617.3	5308.7	6059.7	6858.6	7700.4	8644.6	9639.7	10648.1	11575.1	12381.8	13077.6
-12.5°	4462.3	5137.8	5855.0	6617.7	7401.2	8301.3	9241.0	10187.9	11032.9	11769.3	12393.6
-15°	4261.0	4920.7	5615.2	6336.5	7096.4	7910.3	8753.6	9622.2	10401.5	11054.6	11624.9
-17.5°	4023.9	4663.7	5323.3	5991.9	6712.9	7476.6	8259.4	9039.1	9703.8	10284.0	10805.5
-20°	3759.6	4376.1	5002.6	5625.9	6280.0	6986.3	7709.3	8394.1	8975.0	9502.2	9979.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3463.3	4053.3	4653.8	5237.1	5827.0	6466.5	7112.2	7731.5	8274.8	8725.8	9140.5
-25°	3146.0	3691.2	4258.2	4805.2	5348.1	5921.2	6507.7	7077.5	7555.7	7947.2	8289.9
-27.5°	2826.4	3324.6	3824.1	4339.0	4840.8	5369.7	5900.7	6392.9	6822.2	7182.7	7470.6
-30°	2490.3	2935.8	3392.0	3857.8	4337.0	4821.0	5300.7	5731.6	6106.4	6423.5	6672.4
-32.5°	2211.1	2549.5	2952.3	3375.2	3824.3	4265.3	4682.6	5075.4	5428.5	5705.4	5916.4
-35°	1943.4	2230.0	2531.6	2906.0	3291.9	3697.7	4081.5	4432.1	4746.9	4988.8	5187.4
-37.5°	1713.3	1939.9	2195.0	2462.3	2785.9	3121.3	3467.8	3797.5	4078.2	4289.2	4466.5
-40°	1514.2	1693.1	1896.9	2108.8	2346.9	2587.9	2889.5	3167.8	3396.9	3594.1	3754.8
-42.5°	1334.1	1485.1	1635.6	1809.4	1989.0	2182.8	2394.5	2600.3	2776.1	2941.2	3077.7
-45°	1178.7	1299.3	1419.3	1553.5	1685.4	1843.0	1994.2	2129.2	2271.6	2395.2	2492.5
-47.5°	1042.8	1136.9	1239.7	1340.2	1446.1	1564.7	1677.3	1780.0	1884.3	1974.7	2047.2
-50°	922.0	1000.0	1083.9	1162.9	1248.5	1335.3	1418.6	1500.2	1579.5	1648.3	1701.8
-52.5°	816.3	884.4	949.8	1012.7	1080.8	1145.0	1205.3	1272.7	1334.7	1388.9	1425.5
-55°	726.3	781.9	835.5	888.0	939.5	988.2	1036.3	1088.6	1136.4	1179.5	1206.7
-57.5°	641.8	689.1	734.5	777.4	818.3	857.0	897.4	937.7	974.5	1007.0	1028.1
-60°	564.9	603.5	642.8	677.8	710.8	741.7	775.8	808.0	837.7	862.7	877.3
-62.5°	494.4	529.1	558.1	585.8	613.8	641.7	665.9	689.6	712.6	732.0	744.7
-65°	420.8	450.1	474.8	497.1	517.2	538.8	559.4	578.0	594.6	607.2	615.2
-67.5°	354.9	376.5	396.3	413.9	431.8	449.1	465.0	479.2	491.6	500.4	506.2
-70°	297.6	314.1	330.3	346.4	362.3	375.8	387.3	397.9	407.5	411.5	413.2
-72.5°	247.3	262.0	276.2	290.3	303.6	314.1	322.6	330.4	337.3	331.3	320.8
-75°	201.6	214.6	227.8	240.3	252.1	260.1	266.4	272.2	277.5	264.4	246.5
-77.5°	164.3	175.7	185.5	195.3	204.9	210.1	214.1	218.0	221.7	207.2	188.8
-80°	121.9	131.1	139.4	147.6	155.7	158.8	160.5	161.7	162.4	149.9	135.5
-82.5°	82.4	87.1	91.7	96.5	101.4	104.0	105.9	107.4	108.4	99.6	89.6
-85°	46.2	47.6	48.7	49.7	50.4	52.0	53.6	55.0	56.3	52.1	47.5
-87.5°	15.9	15.9	15.8	15.7	15.5	15.5	15.6	15.5	15.5	14.8	14.0
-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: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.8
60°	2.2	1.4	1.1	1.1	1.1	1.4	2.2	2.9	3.4	4.4	4.7
57.5°	22.7	19.8	17.8	16.0	17.8	19.8	22.7	24.3	24.4	31.6	32.6
55°	151.0	140.6	127.9	112.9	127.9	140.6	151.0	153.7	147.3	134.5	121.4
52.5°	296.2	306.0	311.7	311.2	311.7	306.0	296.2	286.0	276.4	263.1	251.3
50°	389.9	395.2	395.5	391.0	395.5	395.2	389.9	381.0	370.0	354.6	330.0
47.5°	571.2	563.8	550.9	537.0	550.9	563.8	571.2	564.2	548.6	516.3	454.6
45°	996.8	1020.8	1019.2	988.4	1019.2	1020.8	996.8	953.2	886.9	826.7	782.8
42.5°	1362.2	1398.1	1423.5	1436.5	1423.5	1398.1	1362.2	1318.1	1239.2	1147.7	1050.4
40°	1715.7	1750.4	1765.7	1764.8	1765.7	1750.4	1715.7	1656.6	1551.7	1425.9	1311.2
37.5°	2089.3	2134.3	2156.0	2145.6	2156.0	2134.3	2089.3	2028.5	1934.9	1783.0	1653.7
35°	2603.0	2645.0	2645.8	2624.5	2645.8	2645.0	2603.0	2563.7	2472.9	2281.5	2187.1
32.5°	3738.5	3752.6	3644.4	3606.1	3644.4	3752.6	3738.5	3579.8	3379.8	3187.6	2975.0
30°	4773.5	4873.3	4966.0	5012.9	4966.0	4873.3	4773.5	4645.9	4517.6	4151.4	3817.9
27.5°	5465.9	5585.9	5660.4	5665.1	5660.4	5585.9	5465.9	5311.8	5107.3	4802.6	4441.5
25°	6095.7	6230.0	6311.1	6338.8	6311.1	6230.0	6095.7	5915.1	5676.7	5363.2	4965.9
22.5°	6755.5	6913.7	7018.5	7040.0	7018.5	6913.7	6755.5	6535.1	6275.4	5950.1	5498.0
20°	7521.0	7705.1	7805.7	7801.6	7805.7	7705.1	7521.0	7238.6	6939.1	6551.7	6059.4
17.5°	8528.9	8726.3	8813.1	8775.2	8813.1	8726.3	8528.9	8164.4	7846.9	7383.0	6836.6
15°	10266.1	10679.2	10677.5	10512.7	10677.5	10679.2	10266.1	9849.0	9442.6	8850.3	8205.8
12.5°	12408.9	12716.8	13032.7	13100.6	13032.7	12716.8	12408.9	11785.5	11333.4	10416.3	9665.7
10°	13451.7	13860.5	14130.4	14123.3	14130.4	13860.5	13451.7	12858.8	12154.8	11367.3	10364.3
7.5°	14104.0	14555.8	14882.7	14875.8	14882.7	14555.8	14104.0	13501.5	12727.8	11848.2	10816.0
5°	14607.4	15108.5	15398.1	15419.6	15398.1	15108.5	14607.4	13930.7	13139.2	12196.5	11142.4
2.5°	14869.0	15391.9	15740.2	15694.3	15740.2	15391.9	14869.0	14202.6	13413.7	12443.2	11373.2
0°	14978.4	15496.0	15820.9	15961.1	15820.9	15496.0	14978.4	14314.8	13503.1	12564.8	11486.3
-2.5°	14930.6	15434.3	15793.3	15807.2	15793.3	15434.3	14930.6	14266.6	13447.6	12513.1	11456.5
-5°	14674.7	15206.3	15446.8	15574.6	15446.8	15206.3	14674.7	14016.9	13228.4	12318.9	11311.2
-7.5°	14262.2	14660.5	14966.1	15107.2	14966.1	14660.5	14262.2	13630.5	12878.0	12005.7	11017.2
-10°	13620.1	14032.5	14290.7	14407.2	14290.7	14032.5	13620.1	13077.6	12381.8	11575.1	10648.1
-12.5°	12908.8	13283.6	13529.1	13627.4	13529.1	13283.6	12908.8	12393.6	11769.3	11032.9	10187.9
-15°	12115.2	12455.5	12681.4	12775.7	12681.4	12455.5	12115.2	11624.9	11054.6	10401.5	9622.2
-17.5°	11241.7	11539.8	11765.0	11832.9	11765.0	11539.8	11241.7	10805.5	10284.0	9703.8	9039.1
-20°	10343.4	10612.9	10798.3	10838.7	10798.3	10612.9	10343.4	9979.4	9502.2	8975.0	8394.1



REPORT NUMBER: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9438.3	9660.3	9810.9	9861.7	9810.9	9660.3	9438.3	9140.5	8725.8	8274.8	7731.5
-25°	8553.7	8745.4	8866.6	8912.0	8866.6	8745.4	8553.7	8289.9	7947.2	7555.7	7077.5
-27.5°	7703.0	7881.6	7993.0	8007.9	7993.0	7881.6	7703.0	7470.6	7182.7	6822.2	6392.9
-30°	6865.9	7013.5	7099.4	7135.8	7099.4	7013.5	6865.9	6672.4	6423.5	6106.4	5731.6
-32.5°	6083.6	6212.6	6289.7	6310.3	6289.7	6212.6	6083.6	5916.4	5705.4	5428.5	5075.4
-35°	5345.2	5464.3	5532.6	5527.1	5532.6	5464.3	5345.2	5187.4	4988.8	4746.9	4432.1
-37.5°	4613.1	4723.0	4785.0	4779.2	4785.0	4723.0	4613.1	4466.5	4289.2	4078.2	3797.5
-40°	3886.9	3981.7	4036.3	4049.6	4036.3	3981.7	3886.9	3754.8	3594.1	3396.9	3167.8
-42.5°	3191.1	3278.6	3322.3	3305.1	3322.3	3278.6	3191.1	3077.7	2941.2	2776.1	2600.3
-45°	2560.6	2605.8	2635.6	2654.1	2635.6	2605.8	2560.6	2492.5	2395.2	2271.6	2129.2
-47.5°	2100.3	2137.8	2158.1	2161.6	2158.1	2137.8	2100.3	2047.2	1974.7	1884.3	1780.0
-50°	1743.4	1775.3	1789.4	1785.4	1789.4	1775.3	1743.4	1701.8	1648.3	1579.5	1500.2
-52.5°	1451.9	1470.4	1482.8	1488.9	1482.8	1470.4	1451.9	1425.5	1388.9	1334.7	1272.7
-55°	1227.2	1241.6	1250.1	1252.9	1250.1	1241.6	1227.2	1206.7	1179.5	1136.4	1088.6
-57.5°	1045.7	1059.4	1064.4	1062.6	1064.4	1059.4	1045.7	1028.1	1007.0	974.5	937.7
-60°	888.5	896.3	902.2	905.2	902.2	896.3	888.5	877.3	862.7	837.7	808.0
-62.5°	754.8	762.1	768.3	771.8	768.3	762.1	754.8	744.7	732.0	712.6	689.6
-65°	620.9	624.1	625.0	623.6	625.0	624.1	620.9	615.2	607.2	594.6	578.0
-67.5°	510.5	513.2	515.0	515.3	515.0	513.2	510.5	506.2	500.4	491.6	479.2
-70°	414.9	416.1	414.8	411.6	414.8	416.1	414.9	413.2	411.5	407.5	397.9
-72.5°	310.0	298.6	287.3	274.8	287.3	298.6	310.0	320.8	331.3	337.3	330.4
-75°	227.9	208.6	201.7	195.0	201.7	208.6	227.9	246.5	264.4	277.5	272.2
-77.5°	169.6	149.5	144.2	139.1	144.2	149.5	169.6	188.8	207.2	221.7	218.0
-80°	120.5	104.8	101.4	98.0	101.4	104.8	120.5	135.5	149.9	162.4	161.7
-82.5°	79.1	68.2	66.0	63.8	66.0	68.2	79.1	89.6	99.6	108.4	107.4
-85°	42.6	37.4	36.4	35.3	36.4	37.4	42.6	47.5	52.1	56.3	55.0
-87.5°	13.3	12.5	12.5	12.5	12.5	12.5	13.3	14.0	14.8	15.5	15.5
-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: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.8	0.8	0.8
85°	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1	1.1	1.1	1.1
82.5°	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1	1.1	1.1	1.1
80°	0.0	0.0	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1
77.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1
75°	0.0	0.0	0.1	0.4	0.6	0.9	1.1	1.1	1.1	1.1	1.1
72.5°	0.0	0.0	0.1	0.3	0.7	1.0	1.1	1.1	1.1	1.1	1.1
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.9	1.1	1.1	1.1
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.9	1.1	1.1
65°	0.3	0.2	0.3	0.5	0.8	1.1	1.1	1.0	1.0	1.2	1.1
62.5°	0.9	1.1	1.0	0.9	1.0	1.4	1.5	1.5	1.4	1.7	2.6
60°	3.7	1.8	4.0	4.7	3.7	3.6	6.4	6.0	2.3	8.5	10.3
57.5°	25.0	23.1	33.0	32.1	19.1	27.4	32.7	21.9	15.2	24.3	29.3
55°	109.2	106.7	103.9	97.9	89.8	83.6	82.4	82.2	65.3	47.4	53.7
52.5°	239.3	213.0	194.2	185.0	171.9	152.1	136.2	133.0	129.0	106.8	88.2
50°	307.3	302.6	282.3	251.1	248.1	228.2	200.6	181.5	179.0	163.8	135.7
47.5°	441.6	441.5	399.8	361.8	350.7	333.4	298.4	246.8	242.1	229.2	197.8
45°	715.5	665.8	642.6	569.3	489.7	459.0	429.8	367.8	317.1	297.2	275.1
42.5°	969.4	895.5	834.4	761.0	673.3	596.5	541.7	473.6	412.4	370.0	338.4
40°	1207.0	1087.9	1003.2	910.8	815.4	720.3	652.4	566.8	497.0	440.2	406.8
37.5°	1504.1	1340.3	1246.3	1102.4	982.1	883.8	796.9	687.9	575.8	529.5	488.1
35°	1941.2	1747.2	1637.3	1462.3	1219.1	1132.1	1018.8	855.6	713.7	634.5	583.3
32.5°	2725.4	2435.5	2233.1	1999.4	1677.3	1448.3	1297.9	1116.3	889.0	775.0	690.0
30°	3522.0	3130.0	2846.5	2609.1	2181.1	1843.5	1611.3	1354.4	1109.4	924.2	808.9
27.5°	4061.4	3676.3	3323.2	2982.2	2635.6	2243.6	1895.8	1565.9	1298.1	1091.0	941.9
25°	4534.8	4099.1	3701.5	3332.0	2961.6	2580.7	2159.5	1788.7	1474.4	1237.5	1042.9
22.5°	5003.5	4540.2	4089.6	3659.8	3284.0	2876.5	2431.5	2004.8	1643.5	1398.2	1164.4
20°	5534.8	5001.3	4481.1	4074.9	3647.0	3182.1	2687.2	2280.5	1926.4	1590.3	1297.3
17.5°	6295.2	5582.3	5104.4	4646.7	4090.9	3522.7	3093.1	2666.7	2230.7	1793.2	1436.6
15°	7325.2	6588.7	6041.2	5414.1	4650.6	4064.0	3591.6	3073.7	2557.3	2033.4	1602.6
12.5°	8549.7	7656.2	7011.3	6118.5	5259.3	4624.8	4090.5	3510.9	2876.5	2250.6	1756.9
10°	9320.3	8357.1	7438.8	6581.3	5797.3	5143.8	4472.8	3765.0	3059.4	2414.4	1890.4
7.5°	9729.7	8703.1	7755.3	6897.9	6098.0	5341.5	4626.8	3914.0	3206.6	2542.4	2003.3
5°	10001.8	8959.9	7970.1	7053.6	6235.6	5474.2	4741.9	4015.0	3317.3	2636.7	2095.5
2.5°	10202.4	9127.0	8107.9	7143.9	6312.4	5554.2	4815.0	4073.8	3375.1	2687.3	2127.7
0°	10301.8	9179.9	8158.4	7204.2	6348.0	5571.6	4843.1	4095.2	3388.3	2708.8	2141.1
-2.5°	10281.8	9146.4	8115.4	7202.3	6350.3	5555.4	4846.9	4106.8	3392.0	2724.9	2150.6
-5°	10176.1	9089.4	8066.1	7151.8	6312.7	5517.1	4808.8	4081.6	3365.4	2712.1	2141.5
-7.5°	9961.8	8918.2	7925.6	7035.9	6216.0	5438.0	4731.7	4020.0	3311.5	2667.9	2114.8
-10°	9639.7	8644.6	7700.4	6858.6	6059.7	5308.7	4617.3	3915.8	3222.6	2595.2	2068.5
-12.5°	9241.0	8301.3	7401.2	6617.7	5855.0	5137.8	4462.3	3769.0	3098.9	2494.3	2002.5
-15°	8753.6	7910.3	7096.4	6336.5	5615.2	4920.7	4261.0	3586.2	2941.7	2364.4	1916.8
-17.5°	8259.4	7476.6	6712.9	5991.9	5323.3	4663.7	4023.9	3382.9	2766.3	2224.2	1816.4
-20°	7709.3	6986.3	6280.0	5625.9	5002.6	4376.1	3759.6	3143.1	2565.4	2093.1	1727.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7112.2	6466.5	5827.0	5237.1	4653.8	4053.3	3463.3	2881.3	2333.3	1946.0	1626.9
-25°	6507.7	5921.2	5348.1	4805.2	4258.2	3691.2	3146.0	2614.8	2161.6	1807.1	1518.1
-27.5°	5900.7	5369.7	4840.8	4339.0	3824.1	3324.6	2826.4	2344.8	1975.8	1674.3	1416.8
-30°	5300.7	4821.0	4337.0	3857.8	3392.0	2935.8	2490.3	2125.6	1804.8	1532.4	1303.4
-32.5°	4682.6	4265.3	3824.3	3375.2	2952.3	2549.5	2211.1	1903.7	1626.5	1401.7	1202.5
-35°	4081.5	3697.7	3291.9	2906.0	2531.6	2230.0	1943.4	1692.1	1470.3	1271.3	1101.9
-37.5°	3467.8	3121.3	2785.9	2462.3	2195.0	1939.9	1713.3	1508.1	1316.5	1158.2	1012.3
-40°	2889.5	2587.9	2346.9	2108.8	1896.9	1693.1	1514.2	1337.8	1189.9	1050.6	925.0
-42.5°	2394.5	2182.8	1989.0	1809.4	1635.6	1485.1	1334.1	1196.9	1067.8	951.0	846.7
-45°	1994.2	1843.0	1685.4	1553.5	1419.3	1299.3	1178.7	1065.6	957.1	861.9	769.4
-47.5°	1677.3	1564.7	1446.1	1340.2	1239.7	1136.9	1042.8	945.4	861.2	776.4	699.3
-50°	1418.6	1335.3	1248.5	1162.9	1083.9	1000.0	922.0	845.3	771.3	700.9	630.7
-52.5°	1205.3	1145.0	1080.8	1012.7	949.8	884.4	816.3	754.6	690.8	628.8	567.4
-55°	1036.3	988.2	939.5	888.0	835.5	781.9	726.3	670.9	616.0	559.5	513.2
-57.5°	897.4	857.0	818.3	777.4	734.5	689.1	641.8	592.3	547.3	504.7	462.6
-60°	775.8	741.7	710.8	677.8	642.8	603.5	564.9	526.0	487.0	450.0	413.9
-62.5°	665.9	641.7	613.8	585.8	558.1	529.1	494.4	460.1	427.1	395.3	365.5
-65°	559.4	538.8	517.2	497.1	474.8	450.1	420.8	394.0	368.1	341.8	317.2
-67.5°	465.0	449.1	431.8	413.9	396.3	376.5	354.9	332.6	311.8	290.4	272.0
-70°	387.3	375.8	362.3	346.4	330.3	314.1	297.6	280.1	261.2	242.0	227.2
-72.5°	322.6	314.1	303.6	290.3	276.2	262.0	247.3	231.8	215.1	197.3	183.1
-75°	266.4	260.1	252.1	240.3	227.8	214.6	201.6	187.5	171.3	153.0	138.7
-77.5°	214.1	210.1	204.9	195.3	185.5	175.7	164.3	147.8	131.4	115.8	105.2
-80°	160.5	158.8	155.7	147.6	139.4	131.1	121.9	109.3	97.3	86.1	77.4
-82.5°	105.9	104.0	101.4	96.5	91.7	87.1	82.4	73.9	65.6	57.5	50.5
-85°	53.6	52.0	50.4	49.7	48.7	47.6	46.2	41.3	36.7	32.3	28.4
-87.5°	15.6	15.5	15.5	15.7	15.8	15.9	15.9	14.7	13.6	12.4	11.3
-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: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.8	0.7
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.4	1.4	1.1	1.1
65°	1.1	1.1	1.2	1.7	1.5	1.1	1.1	2.2	1.8	1.6	1.1
62.5°	2.2	1.1	2.9	4.0	2.5	2.0	1.6	4.7	3.0	2.1	1.5
60°	5.2	4.2	7.9	12.1	8.8	3.4	5.0	8.1	7.5	2.7	2.1
57.5°	26.4	12.1	17.8	23.2	22.1	12.4	10.1	14.0	12.7	7.4	2.9
55°	54.8	46.6	37.1	36.8	37.3	29.5	21.0	21.7	19.2	13.6	4.3
52.5°	83.2	80.7	71.8	58.5	53.7	48.5	39.7	30.7	28.5	20.4	10.7
50°	118.6	112.1	105.1	91.5	74.2	67.4	58.3	46.9	38.8	28.5	17.7
47.5°	159.1	147.8	137.3	124.1	105.1	87.2	77.1	63.6	50.1	39.1	24.8
45°	222.3	185.7	171.3	156.0	136.6	114.2	96.7	80.0	64.9	49.7	32.0
42.5°	287.2	236.2	206.3	189.0	168.6	143.5	117.0	98.4	79.5	60.4	40.4
40°	352.6	289.4	244.1	222.6	201.8	172.6	143.0	117.5	93.7	71.4	49.6
37.5°	423.2	349.0	287.6	257.4	235.5	204.0	169.3	137.1	108.4	83.4	58.7
35°	511.1	419.6	335.0	297.7	268.4	236.0	195.4	158.3	125.9	95.4	67.7
32.5°	609.9	497.5	403.0	341.6	301.7	268.6	223.2	182.3	143.9	107.4	76.5
30°	708.2	577.8	467.4	385.2	337.2	299.2	252.8	206.4	162.3	119.4	85.4
27.5°	783.2	647.0	527.8	437.5	376.4	329.6	282.3	230.6	180.9	132.6	95.2
25°	859.8	711.1	586.4	488.7	414.8	360.6	310.7	254.8	200.8	147.8	104.8
22.5°	949.3	772.0	635.8	534.9	455.5	392.0	337.7	279.3	220.9	162.9	114.1
20°	1036.9	828.2	681.2	588.9	500.0	427.1	364.3	302.7	240.6	177.7	123.1
17.5°	1126.6	907.0	756.6	644.8	546.0	461.8	390.5	324.9	259.7	192.1	131.8
15°	1261.8	1012.4	832.7	700.0	590.5	495.8	416.2	345.7	278.1	206.0	139.5
12.5°	1389.3	1111.7	906.5	753.9	633.1	528.8	441.1	365.3	295.7	217.6	145.9
10°	1502.0	1204.0	977.2	805.9	673.7	560.5	464.9	380.7	306.1	226.8	151.7
7.5°	1600.0	1288.8	1043.9	855.4	708.2	581.9	477.1	388.7	314.0	235.0	156.7
5°	1675.1	1346.5	1080.5	875.2	721.2	591.7	485.8	395.2	320.3	241.9	161.1
2.5°	1699.9	1365.6	1095.0	886.3	730.7	598.8	492.5	400.2	325.0	247.6	164.7
0°	1711.3	1374.9	1102.5	892.7	736.5	603.1	497.1	403.6	328.3	252.0	167.6
-2.5°	1723.9	1387.6	1112.9	902.6	742.6	609.0	502.0	408.9	333.1	256.9	172.4
-5°	1722.9	1389.9	1116.3	907.4	745.0	612.2	504.8	412.7	336.5	260.5	176.5
-7.5°	1704.7	1379.2	1112.0	906.4	743.7	612.5	505.6	415.0	338.6	262.8	179.7
-10°	1672.2	1356.8	1099.4	898.2	738.8	609.8	504.3	415.7	339.5	263.7	181.9
-12.5°	1626.3	1324.9	1079.3	884.8	730.0	604.1	500.6	413.7	338.9	263.4	183.2
-15°	1567.3	1284.0	1051.5	866.2	717.3	595.6	494.7	409.7	336.0	261.5	183.5
-17.5°	1496.0	1234.2	1016.0	842.5	700.7	584.3	486.6	404.2	332.0	258.1	183.1
-20°	1429.9	1181.8	975.0	813.7	680.1	570.3	476.2	397.1	327.0	253.9	182.2

Classified

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



REPORT NUMBER: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1355.9	1127.4	938.7	786.2	658.3	553.6	463.5	388.5	321.0	248.9	180.6
-25°	1271.3	1065.7	897.1	755.5	637.2	537.5	450.6	378.4	314.2	243.2	178.2
-27.5°	1191.7	1002.1	850.6	720.1	612.7	519.1	437.8	369.0	306.3	236.9	175.0
-30°	1110.6	946.6	806.0	683.0	585.7	498.6	423.4	358.9	297.4	231.3	171.1
-32.5°	1028.1	886.3	758.3	650.9	559.6	476.5	407.6	348.2	288.1	225.8	167.9
-35°	957.2	826.8	707.0	616.4	532.9	457.6	391.9	336.7	278.5	219.5	164.4
-37.5°	881.7	766.6	667.1	582.0	504.2	437.1	376.8	323.3	268.6	212.5	160.2
-40°	814.1	710.3	624.1	548.9	478.4	414.8	360.0	309.0	259.4	204.8	155.2
-42.5°	745.3	659.2	582.2	513.2	452.4	394.4	341.7	293.7	247.5	197.7	149.6
-45°	685.0	606.8	538.8	480.8	425.3	372.2	323.9	277.8	234.7	190.4	143.6
-47.5°	622.7	556.4	498.3	446.9	398.6	349.2	305.0	263.1	221.4	182.2	137.6
-50°	564.6	508.6	460.3	414.2	369.1	327.6	286.2	247.9	209.4	171.5	130.8
-52.5°	513.0	466.3	423.3	381.3	342.6	305.1	269.3	232.5	196.8	160.9	123.3
-55°	467.4	425.7	387.0	350.7	316.0	285.1	252.0	218.0	183.7	149.9	115.3
-57.5°	423.7	386.1	353.2	320.9	291.4	264.5	235.2	203.0	170.5	138.3	108.1
-60°	379.7	349.4	320.2	293.1	267.6	243.2	218.2	187.5	156.8	126.5	99.5
-62.5°	337.5	312.2	289.7	265.9	242.5	220.9	200.7	171.5	142.5	114.7	89.9
-65°	296.2	276.8	258.7	236.3	215.9	197.9	181.1	154.9	127.5	102.2	79.9
-67.5°	255.3	239.3	223.1	204.9	189.8	175.1	160.2	136.5	111.6	89.1	69.8
-70°	214.0	200.4	188.8	177.3	164.7	151.8	137.0	116.7	94.9	76.6	59.4
-72.5°	173.5	165.2	158.2	150.1	139.5	127.2	113.3	96.8	79.8	63.8	48.6
-75°	133.6	131.9	129.8	124.5	114.3	102.9	91.7	79.0	64.4	50.6	39.6
-77.5°	105.2	104.5	103.0	99.4	90.5	81.1	71.4	60.8	49.7	40.2	31.1
-80°	77.9	77.8	77.1	74.9	67.3	59.4	52.6	45.8	37.6	29.9	22.5
-82.5°	51.2	52.0	52.3	51.6	46.5	41.4	36.5	31.7	25.4	19.4	15.0
-85°	29.3	29.8	29.9	29.6	26.4	23.3	21.3	19.2	15.9	12.8	10.1
-87.5°	12.2	12.8	13.4	13.7	12.7	11.7	10.7	9.6	8.0	6.4	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627152 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	1.1	1.1	0.9	0.7	0.5	0.2	0.0
75°	1.1	1.1	1.1	0.9	0.6	0.3	0.0
72.5°	1.1	1.1	1.1	1.0	0.7	0.3	0.0
70°	1.1	1.1	1.1	1.1	0.8	0.4	0.0
67.5°	1.2	1.1	1.1	1.1	0.8	0.4	0.0
65°	1.3	1.2	1.1	1.1	0.9	0.5	0.0
62.5°	1.5	1.5	1.1	1.1	1.0	0.5	0.0
60°	1.8	1.8	1.1	1.1	1.1	0.5	0.0
57.5°	3.1	2.1	1.4	1.1	1.1	0.6	0.0
55°	4.7	2.5	1.8	1.1	1.1	0.6	0.0
52.5°	6.6	3.2	2.2	1.1	1.2	0.7	0.0
50°	8.7	5.1	2.5	1.1	1.2	0.7	0.0
47.5°	11.6	7.2	2.9	1.2	1.2	0.7	0.0
45°	17.8	9.5	3.4	1.5	1.2	0.8	0.0
42.5°	23.9	11.9	3.8	1.8	1.3	0.8	0.0
40°	30.1	14.3	5.0	2.2	1.3	0.8	0.0
37.5°	36.1	17.0	7.0	2.7	1.4	0.9	0.0
35°	42.2	21.1	8.9	3.3	1.4	0.9	0.0
32.5°	48.5	25.8	10.9	3.9	1.5	0.9	0.0
30°	55.6	30.5	12.9	4.5	1.5	1.0	0.0
27.5°	62.5	35.0	15.2	5.1	1.6	1.0	0.0
25°	69.2	39.3	17.5	5.8	1.7	1.0	0.0
22.5°	75.6	43.5	19.7	6.5	1.7	1.0	0.0
20°	81.7	47.6	21.9	7.2	1.8	1.0	0.0
17.5°	87.3	51.5	24.0	7.9	1.9	1.0	0.0
15°	92.5	55.1	26.0	8.6	1.9	1.1	0.0
12.5°	97.2	58.5	27.8	9.3	2.0	1.1	0.0
10°	101.5	61.5	29.6	10.0	2.1	1.1	0.0
7.5°	105.3	64.3	31.3	10.7	2.1	1.1	0.0
5°	108.7	66.7	32.8	11.4	2.2	1.1	0.0
2.5°	111.6	68.9	34.1	12.0	2.2	1.1	0.0
0°	114.0	70.7	35.3	12.5	2.3	1.1	0.0
-2.5°	117.1	72.9	36.9	13.3	2.6	1.2	0.0
-5°	119.7	74.8	38.3	14.0	3.0	1.2	0.0
-7.5°	121.7	76.3	39.6	14.7	3.3	1.3	0.0
-10°	123.2	77.4	40.6	15.3	3.6	1.4	0.0
-12.5°	124.0	78.2	41.3	15.8	3.9	1.4	0.0
-15°	124.3	78.5	41.8	16.2	4.2	1.5	0.0
-17.5°	123.9	78.5	42.0	16.5	4.5	1.6	0.0
-20°	123.6	78.0	42.0	16.7	4.7	1.6	0.0

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CATALOG NUMBER: GFLD-SA3C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	123.6	77.2	41.7	16.8	4.9	1.6	0.0
-25°	123.1	76.9	41.0	16.8	5.1	1.7	0.0
-27.5°	121.9	76.6	40.1	16.7	5.3	1.7	0.0
-30°	120.1	75.7	38.9	16.5	5.4	1.7	0.0
-32.5°	117.7	74.4	38.4	16.1	5.5	1.7	0.0
-35°	115.4	72.7	37.6	15.7	5.5	1.7	0.0
-37.5°	112.8	70.7	36.5	15.1	5.5	1.7	0.0
-40°	109.5	69.0	35.1	14.4	5.5	1.7	0.0
-42.5°	105.6	66.8	34.0	13.7	5.5	1.7	0.0
-45°	101.1	64.2	33.4	13.2	5.4	1.7	0.0
-47.5°	96.0	61.2	32.3	12.5	5.3	1.6	0.0
-50°	91.6	57.7	31.0	12.2	5.1	1.6	0.0
-52.5°	86.7	53.8	29.3	12.1	4.9	1.5	0.0
-55°	81.4	50.7	27.3	11.8	4.7	1.5	0.0
-57.5°	75.5	47.2	24.9	11.3	4.4	1.4	0.0
-60°	69.2	43.3	22.3	10.7	4.1	1.3	0.0
-62.5°	63.2	39.0	20.8	9.9	3.9	1.2	0.0
-65°	56.5	34.2	19.0	9.0	3.6	1.1	0.0
-67.5°	49.3	29.9	17.0	8.0	3.3	1.0	0.0
-70°	41.6	26.3	14.8	6.9	3.0	0.9	0.0
-72.5°	35.3	22.3	12.4	6.1	2.7	0.8	0.0
-75°	29.0	18.0	9.9	5.3	2.3	0.7	0.0
-77.5°	22.3	13.6	8.2	4.5	2.0	0.6	0.0
-80°	15.4	10.4	6.6	3.7	1.6	0.5	0.0
-82.5°	11.4	7.9	5.0	2.8	1.2	0.4	0.0
-85°	7.6	5.3	3.4	1.9	0.8	0.2	0.0
-87.5°	3.8	2.6	1.7	0.9	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)