

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: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-750-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N150
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

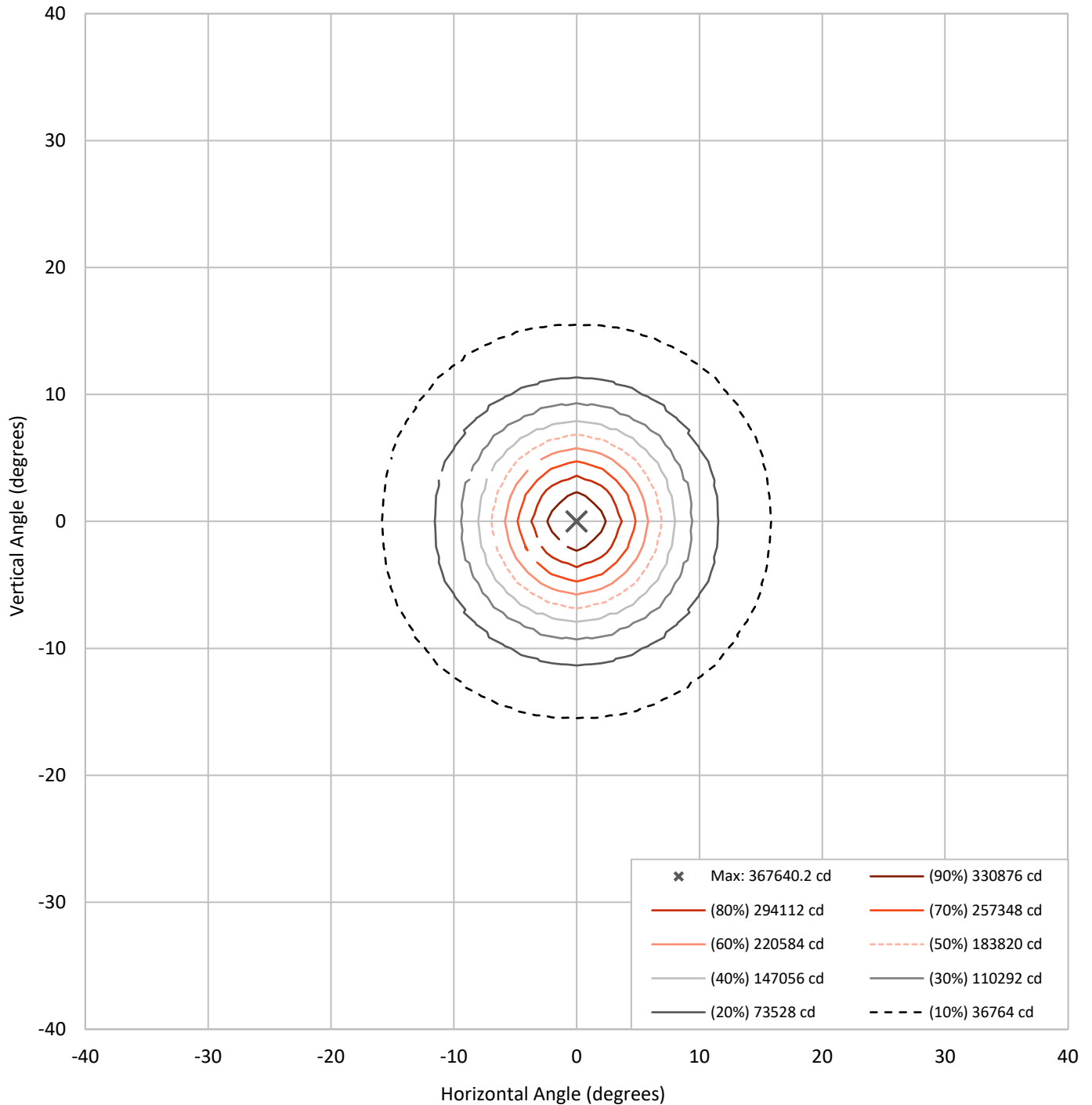
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	39038 lumens	Max Intensity:	367640.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	157.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	11541.8 lumens	Field Lumens:	25973.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-750-U-NR-XX

Iso-Candela Plot





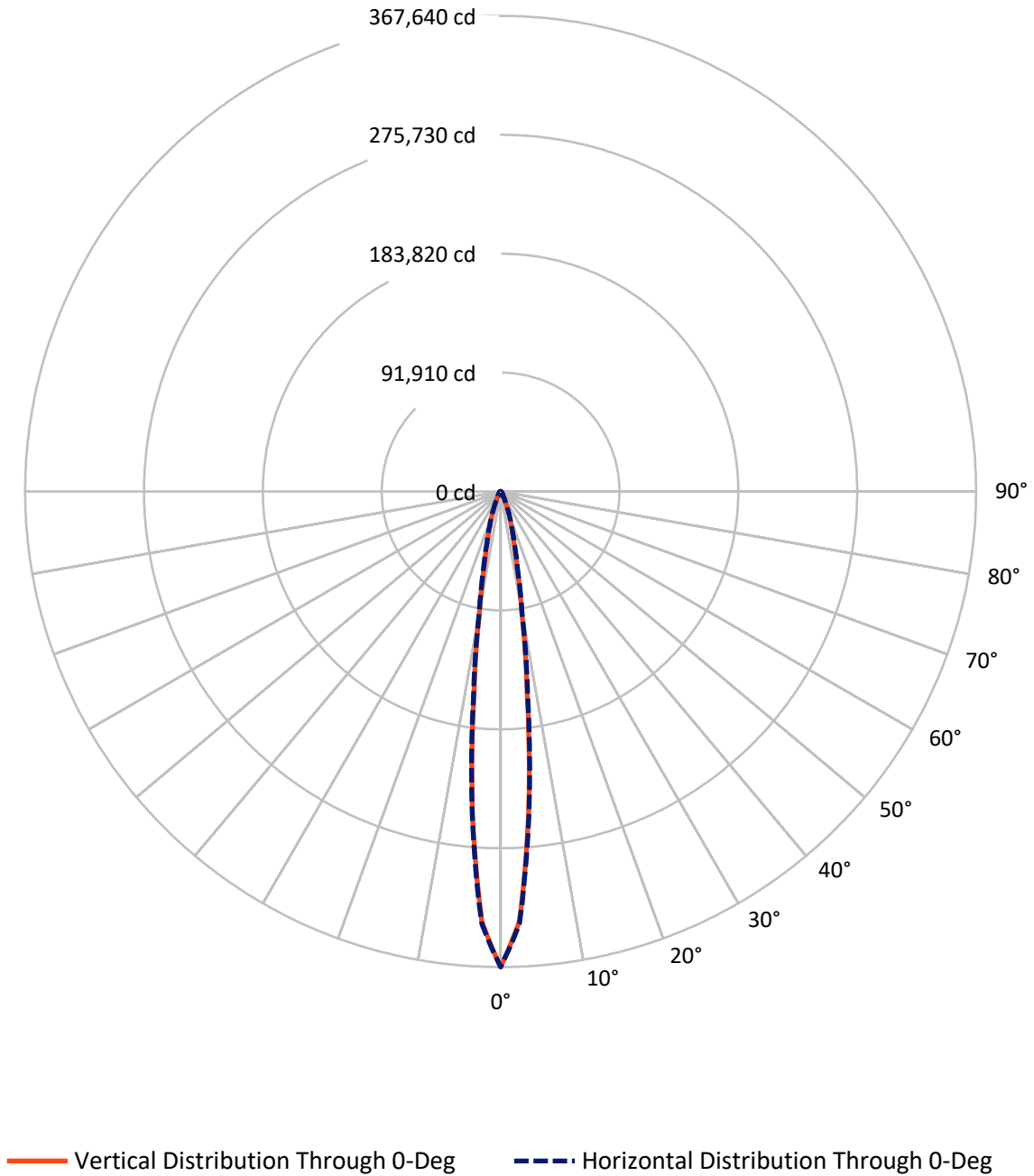
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Lumen Table

90																
80	0.7	5.4		14.1		22.7		24.8		22.7		14.1		5.4		0.7
70																
60	2.4	2.7	5.6	9.2	13.1	16.0	18.0	18.8	18.8	18.0	16.0	13.1	9.2	5.6	2.7	2.4
50		4.1	8.5	13.8	18.4	22.5	25.2	26.2	26.2	25.2	22.5	18.4	13.8	8.5	4.1	
40	4.2	5.4	11.0	17.0	22.6	28.4	33.4	36.0	36.0	33.4	28.4	22.6	17.0	11.0	5.4	4.2
30		6.5	12.9	19.6	27.8	39.9	56.3	69.7	69.7	56.3	39.9	27.8	19.6	12.9	6.5	
20	5.5	7.4	14.1	22.1	35.9	71.3	162.4	268.9	268.9	162.4	71.3	35.9	22.1	14.1	7.4	5.5
10		7.9	14.8	24.3	47.7	151.5	537.8	1158.3	1158.3	537.8	151.5	47.7	24.3	14.8	7.9	
0	5.9	8.2	15.2	25.8	57.6	249.6	1169.1	5050.4	5050.4	1169.1	249.6	57.6	25.8	15.2	8.2	5.9
-10		8.2	15.2	25.8	57.6	249.6	1169.1	5050.4	5050.4	1169.1	249.6	57.6	25.8	15.2	8.2	
-20	5.5	7.9	14.8	24.3	47.7	151.5	537.8	1158.3	1158.3	537.8	151.5	47.7	24.3	14.8	7.9	5.5
-30		7.4	14.1	22.1	35.9	71.3	162.4	268.9	268.9	162.4	71.3	35.9	22.1	14.1	7.4	
-40	4.2	6.5	12.9	19.6	27.8	39.9	56.3	69.7	69.7	56.3	39.9	27.8	19.6	12.9	6.5	4.2
-50		5.4	11.0	17.0	22.6	28.4	33.4	36.0	36.0	33.4	28.4	22.6	17.0	11.0	5.4	
-60	2.4	4.1	8.5	13.8	18.4	22.5	25.2	26.2	26.2	25.2	22.5	18.4	13.8	8.5	4.1	2.4
-70		2.7	5.6	9.2	13.1	16.0	18.0	18.8	18.8	18.0	16.0	13.1	9.2	5.6	2.7	
-80																
-90	0.7	5.4		14.1		22.7		24.8		22.7		14.1		5.4		0.7
Horizontal Angle (degrees)																

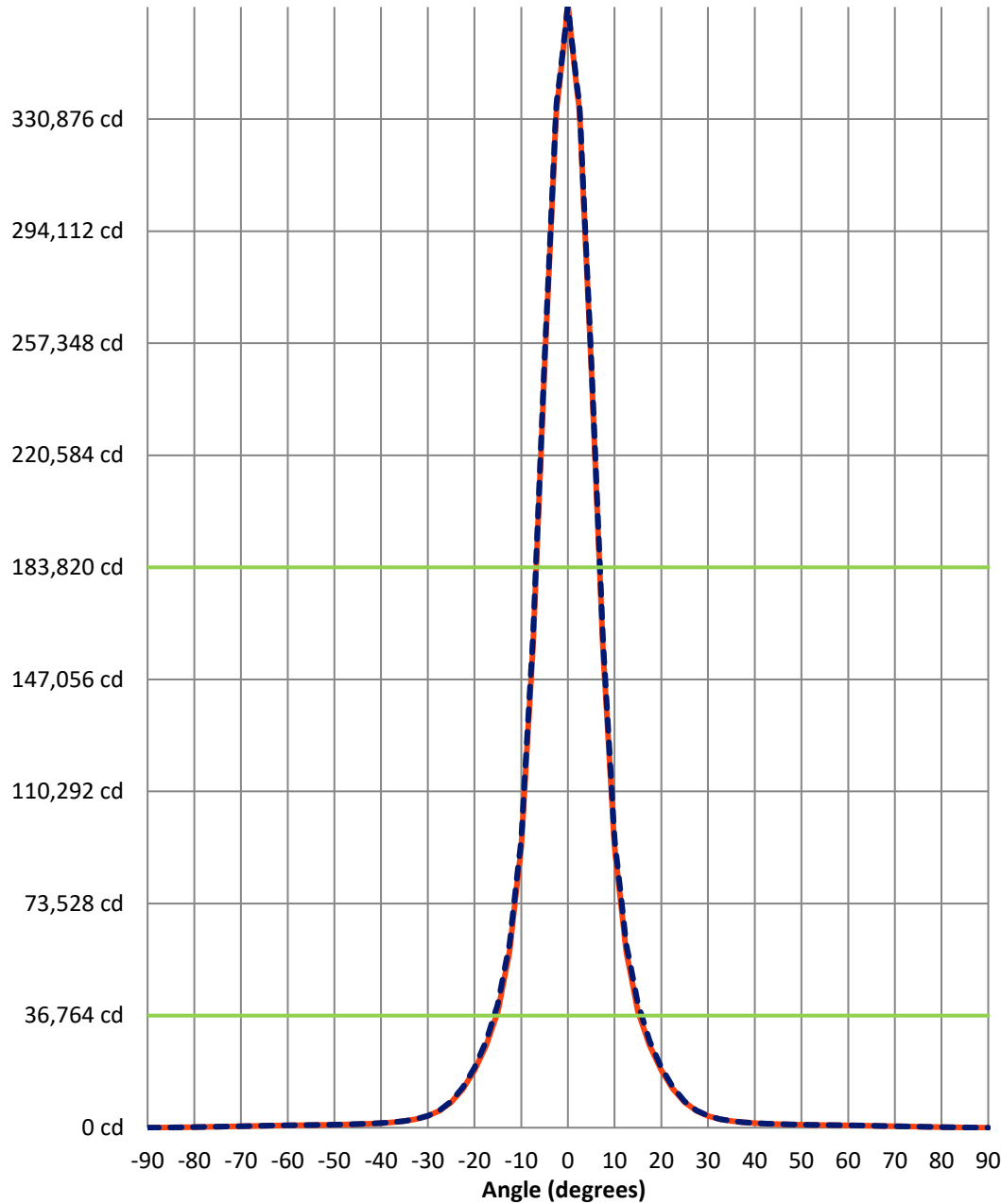
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 11541.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 25973.8
 Efficiency: 66.5%

Spill:
 Lumens: 13064.2
 Efficiency: 33.5%

- 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	1.2	2.7	4.1	5.5	6.8	8.2	9.5	10.8	12.1	13.3
85°	0.0	2.4	5.5	8.2	10.9	13.6	16.3	18.9	21.5	24.1	26.6
82.5°	0.0	3.6	8.2	12.3	16.4	20.4	24.4	28.3	32.6	38.4	44.0
80°	0.0	4.8	10.9	16.4	21.8	27.1	32.9	40.8	48.6	56.3	63.8
77.5°	0.0	5.9	13.5	20.4	27.1	34.8	44.9	54.8	64.5	74.1	84.3
75°	0.0	7.1	16.1	24.4	32.8	44.3	56.7	68.7	80.5	93.9	107.0
72.5°	0.0	8.2	18.7	28.3	40.0	53.6	68.2	82.9	98.7	114.2	129.5
70°	0.0	9.3	21.2	32.5	47.0	62.7	79.8	98.7	116.7	134.4	154.3
67.5°	0.0	10.4	23.6	37.4	53.9	71.7	93.0	114.2	134.4	157.1	179.4
65°	0.0	11.5	26.0	42.3	60.6	81.4	105.9	129.5	154.3	179.4	205.8
62.5°	0.0	12.5	28.2	47.1	67.2	92.0	118.6	146.0	173.9	202.2	235.4
60°	0.0	13.5	30.4	51.7	73.5	102.3	130.9	162.8	193.0	227.7	264.1
57.5°	0.0	14.5	33.3	56.1	81.4	112.3	144.5	179.1	214.0	252.3	291.9
55°	0.0	15.4	36.0	60.4	89.2	122.1	158.0	194.8	234.8	276.1	318.7
52.5°	0.0	16.3	38.8	64.6	96.8	131.7	171.0	211.7	254.8	298.9	344.3
50°	0.0	17.1	41.4	68.5	104.1	142.2	183.5	228.2	274.0	320.6	369.0
47.5°	0.0	17.9	44.0	72.6	111.1	152.3	195.9	244.2	292.2	341.3	393.1
45°	0.0	18.7	46.4	77.7	117.8	161.9	209.0	259.5	309.8	362.6	416.6
42.5°	0.0	19.4	48.8	82.5	124.2	171.2	221.5	274.2	326.6	383.2	439.5
40°	0.0	20.0	51.1	87.2	130.8	180.0	233.5	288.2	343.1	403.1	461.8
37.5°	0.0	20.6	53.3	91.7	137.4	188.3	244.8	301.5	359.6	421.6	483.4
35°	0.0	21.2	55.4	96.0	143.7	196.8	255.5	314.0	374.9	439.1	504.2
32.5°	0.0	21.7	57.4	100.0	149.5	205.1	265.5	325.7	389.0	455.5	522.3
30°	0.0	22.1	59.3	103.8	155.0	212.8	274.8	336.7	402.0	470.7	538.7
27.5°	0.0	22.6	61.0	107.2	160.3	220.0	283.4	347.2	413.9	484.7	553.5
25°	0.0	22.9	62.6	110.4	165.2	226.5	291.3	356.6	425.2	497.0	566.5
22.5°	0.0	23.2	64.1	113.4	169.6	232.4	298.4	365.0	435.3	507.7	577.9
20°	0.0	23.4	65.5	116.0	173.7	237.5	304.8	372.3	444.3	516.9	588.1
17.5°	0.0	23.6	66.7	118.3	177.2	241.8	310.1	378.6	452.1	524.6	597.2
15°	0.0	23.8	67.8	120.3	180.3	245.4	314.4	384.1	458.8	530.9	605.1
12.5°	0.0	23.9	68.7	122.1	183.0	248.3	317.8	389.3	464.3	535.7	611.6
10°	0.0	23.9	69.5	123.5	185.1	250.4	320.5	393.6	468.6	541.0	617.8
7.5°	0.0	23.9	70.1	124.6	186.8	251.8	322.3	397.1	471.5	545.4	625.1
5°	0.0	23.9	70.5	125.4	188.0	252.6	323.4	399.6	473.1	548.7	631.0
2.5°	0.0	23.7	70.8	125.8	188.8	252.7	323.5	401.2	473.5	550.7	635.3
0°	0.0	23.6	70.9	126.0	189.0	252.1	322.9	401.7	472.6	551.4	638.0
-2.5°	0.0	23.7	70.8	125.8	188.8	252.7	323.5	401.2	473.5	550.7	635.3
-5°	0.0	23.9	70.5	125.4	188.0	252.6	323.4	399.6	473.1	548.7	631.0
-7.5°	0.0	23.9	70.1	124.6	186.8	251.8	322.3	397.1	471.5	545.4	625.1
-10°	0.0	23.9	69.5	123.5	185.1	250.4	320.5	393.6	468.6	541.0	617.8
-12.5°	0.0	23.9	68.7	122.1	183.0	248.3	317.8	389.3	464.3	535.7	611.6
-15°	0.0	23.8	67.8	120.3	180.3	245.4	314.4	384.1	458.8	530.9	605.1
-17.5°	0.0	23.6	66.7	118.3	177.2	241.8	310.1	378.6	452.1	524.6	597.2
-20°	0.0	23.4	65.5	116.0	173.7	237.5	304.8	372.3	444.3	516.9	588.1

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.2	64.1	113.4	169.6	232.4	298.4	365.0	435.3	507.7	577.9
-25°	0.0	22.9	62.6	110.4	165.2	226.5	291.3	356.6	425.2	497.0	566.5
-27.5°	0.0	22.6	61.0	107.2	160.3	220.0	283.4	347.2	413.9	484.7	553.5
-30°	0.0	22.1	59.3	103.8	155.0	212.8	274.8	336.7	402.0	470.7	538.7
-32.5°	0.0	21.7	57.4	100.0	149.5	205.1	265.5	325.7	389.0	455.5	522.3
-35°	0.0	21.2	55.4	96.0	143.7	196.8	255.5	314.0	374.9	439.1	504.2
-37.5°	0.0	20.6	53.3	91.7	137.4	188.3	244.8	301.5	359.6	421.6	483.4
-40°	0.0	20.0	51.1	87.2	130.8	180.0	233.5	288.2	343.1	403.1	461.8
-42.5°	0.0	19.4	48.8	82.5	124.2	171.2	221.5	274.2	326.6	383.2	439.5
-45°	0.0	18.7	46.4	77.7	117.8	161.9	209.0	259.5	309.8	362.6	416.6
-47.5°	0.0	17.9	44.0	72.6	111.1	152.3	195.9	244.2	292.2	341.3	393.1
-50°	0.0	17.1	41.4	68.5	104.1	142.2	183.5	228.2	274.0	320.6	369.0
-52.5°	0.0	16.3	38.8	64.6	96.8	131.7	171.0	211.7	254.8	298.9	344.3
-55°	0.0	15.4	36.0	60.4	89.2	122.1	158.0	194.8	234.8	276.1	318.7
-57.5°	0.0	14.5	33.3	56.1	81.4	112.3	144.5	179.1	214.0	252.3	291.9
-60°	0.0	13.5	30.4	51.7	73.5	102.3	130.9	162.8	193.0	227.7	264.1
-62.5°	0.0	12.5	28.2	47.1	67.2	92.0	118.6	146.0	173.9	202.2	235.4
-65°	0.0	11.5	26.0	42.3	60.6	81.4	105.9	129.5	154.3	179.4	205.8
-67.5°	0.0	10.4	23.6	37.4	53.9	71.7	93.0	114.2	134.4	157.1	179.4
-70°	0.0	9.3	21.2	32.5	47.0	62.7	79.8	98.7	116.7	134.4	154.3
-72.5°	0.0	8.2	18.7	28.3	40.0	53.6	68.2	82.9	98.7	114.2	129.5
-75°	0.0	7.1	16.1	24.4	32.8	44.3	56.7	68.7	80.5	93.9	107.0
-77.5°	0.0	5.9	13.5	20.4	27.1	34.8	44.9	54.8	64.5	74.1	84.3
-80°	0.0	4.8	10.9	16.4	21.8	27.1	32.9	40.8	48.6	56.3	63.8
-82.5°	0.0	3.6	8.2	12.3	16.4	20.4	24.4	28.3	32.6	38.4	44.0
-85°	0.0	2.4	5.5	8.2	10.9	13.6	16.3	18.9	21.5	24.1	26.6
-87.5°	0.0	1.2	2.7	4.1	5.5	6.8	8.2	9.5	10.8	12.1	13.3
-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°	14.5	15.7	16.9	18.1	19.2	20.2	21.3	22.3	23.2	24.1	25.0
85°	29.1	31.5	35.0	38.4	41.3	43.9	46.0	47.8	51.1	54.5	58.0
82.5°	49.6	55.0	60.3	65.4	69.0	71.8	74.5	78.5	85.5	92.2	98.3
80°	71.2	78.4	86.6	94.6	101.4	108.3	115.4	122.7	130.4	137.5	144.4
77.5°	95.0	105.5	115.8	125.8	135.7	146.4	156.8	166.7	176.3	185.4	194.1
75°	119.9	132.5	146.3	160.0	173.3	186.2	198.9	212.4	225.3	237.6	249.3
72.5°	146.0	162.8	179.2	195.2	212.4	229.4	245.7	261.5	276.8	292.9	309.8
70°	173.9	193.0	214.4	234.8	254.1	274.3	294.5	311.9	328.5	350.6	373.2
67.5°	202.5	228.4	252.5	275.6	301.3	325.1	345.7	367.7	391.3	416.9	439.2
65°	236.3	264.4	292.4	321.6	351.3	376.0	401.8	429.2	455.9	481.4	505.7
62.5°	269.6	301.3	333.6	365.4	395.9	425.6	456.7	487.2	516.6	546.2	572.3
60°	301.7	337.8	371.8	405.0	439.6	476.5	511.0	544.7	579.9	613.5	631.0
57.5°	332.7	371.2	406.7	444.0	484.7	526.4	562.5	600.8	631.0	654.2	676.9
55°	361.8	401.8	440.8	482.8	526.9	570.2	610.5	644.6	672.4	693.8	717.8
52.5°	389.1	431.3	473.7	519.6	566.4	612.5	654.7	686.7	711.7	733.6	756.2
50°	415.9	460.2	505.0	555.3	605.5	654.6	695.9	725.2	748.8	771.2	794.4
47.5°	442.2	488.7	537.1	590.6	644.9	692.4	731.5	758.3	782.2	808.4	833.8
45°	468.0	518.4	569.6	627.0	681.7	727.4	760.7	787.5	816.9	845.3	872.6
42.5°	493.3	547.6	603.1	662.6	715.5	756.7	787.8	819.4	851.1	881.4	912.2
40°	518.7	575.7	634.4	693.7	746.8	782.4	815.3	849.4	884.4	917.3	951.4
37.5°	543.1	602.1	662.6	722.5	770.8	806.9	841.0	878.7	915.6	951.5	995.8
35°	566.3	626.1	687.2	745.1	791.7	828.9	867.1	906.7	945.4	991.9	1042.4
32.5°	587.1	647.7	709.6	763.6	809.1	849.3	892.2	933.5	980.0	1032.5	1093.2
30°	604.5	666.5	728.7	781.4	825.9	868.4	914.9	960.5	1014.9	1078.1	1150.2
27.5°	619.9	683.5	743.9	796.7	841.9	884.3	933.2	990.7	1053.2	1124.0	1208.8
25°	634.2	700.6	758.3	810.6	854.6	898.9	951.3	1015.0	1090.1	1175.4	1279.2
22.5°	647.7	717.1	772.9	823.9	864.6	912.5	971.5	1040.7	1122.4	1222.4	1348.8
20°	660.7	729.4	784.5	834.3	872.2	924.4	989.2	1063.2	1156.0	1275.3	1421.4
17.5°	672.6	739.9	793.7	840.5	882.0	936.9	1004.9	1081.6	1185.3	1323.4	1488.2
15°	683.4	748.7	801.0	845.5	890.8	950.1	1021.3	1104.3	1217.6	1369.1	1547.4
12.5°	693.0	755.8	806.6	849.4	897.9	960.9	1035.8	1128.0	1252.3	1414.1	1622.4
10°	701.2	761.3	810.6	852.1	903.1	969.2	1047.9	1147.2	1280.0	1449.0	1680.1
7.5°	708.1	765.7	813.3	853.6	906.6	974.9	1057.4	1161.9	1299.4	1473.8	1721.8
5°	713.0	769.1	816.6	858.4	911.9	979.5	1064.3	1171.9	1310.8	1488.6	1747.7
2.5°	715.9	771.2	818.5	863.0	917.6	983.4	1069.5	1183.0	1320.0	1502.9	1767.4
0°	716.8	771.9	819.2	866.4	921.6	984.6	1071.2	1189.4	1323.3	1512.3	1780.1
-2.5°	715.9	771.2	818.5	863.0	917.6	983.4	1069.5	1183.0	1320.0	1502.9	1767.4
-5°	713.0	769.1	816.6	858.4	911.9	979.5	1064.3	1171.9	1310.8	1488.6	1747.7
-7.5°	708.1	765.7	813.3	853.6	906.6	974.9	1057.4	1161.9	1299.4	1473.8	1721.8
-10°	701.2	761.3	810.6	852.1	903.1	969.2	1047.9	1147.2	1280.0	1449.0	1680.1
-12.5°	693.0	755.8	806.6	849.4	897.9	960.9	1035.8	1128.0	1252.3	1414.1	1622.4
-15°	683.4	748.7	801.0	845.5	890.8	950.1	1021.3	1104.3	1217.6	1369.1	1547.4
-17.5°	672.6	739.9	793.7	840.5	882.0	936.9	1004.9	1081.6	1185.3	1323.4	1488.2
-20°	660.7	729.4	784.5	834.3	872.2	924.4	989.2	1063.2	1156.0	1275.3	1421.4



REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	647.7	717.1	772.9	823.9	864.6	912.5	971.5	1040.7	1122.4	1222.4	1348.8
-25°	634.2	700.6	758.3	810.6	854.6	898.9	951.3	1015.0	1090.1	1175.4	1279.2
-27.5°	619.9	683.5	743.9	796.7	841.9	884.3	933.2	990.7	1053.2	1124.0	1208.8
-30°	604.5	666.5	728.7	781.4	825.9	868.4	914.9	960.5	1014.9	1078.1	1150.2
-32.5°	587.1	647.7	709.6	763.6	809.1	849.3	892.2	933.5	980.0	1032.5	1093.2
-35°	566.3	626.1	687.2	745.1	791.7	828.9	867.1	906.7	945.4	991.9	1042.4
-37.5°	543.1	602.1	662.6	722.5	770.8	806.9	841.0	878.7	915.6	951.5	995.8
-40°	518.7	575.7	634.4	693.7	746.8	782.4	815.3	849.4	884.4	917.3	951.4
-42.5°	493.3	547.6	603.1	662.6	715.5	756.7	787.8	819.4	851.1	881.4	912.2
-45°	468.0	518.4	569.6	627.0	681.7	727.4	760.7	787.5	816.9	845.3	872.6
-47.5°	442.2	488.7	537.1	590.6	644.9	692.4	731.5	758.3	782.2	808.4	833.8
-50°	415.9	460.2	505.0	555.3	605.5	654.6	695.9	725.2	748.8	771.2	794.4
-52.5°	389.1	431.3	473.7	519.6	566.4	612.5	654.7	686.7	711.7	733.6	756.2
-55°	361.8	401.8	440.8	482.8	526.9	570.2	610.5	644.6	672.4	693.8	717.8
-57.5°	332.7	371.2	406.7	444.0	484.7	526.4	562.5	600.8	631.0	654.2	676.9
-60°	301.7	337.8	371.8	405.0	439.6	476.5	511.0	544.7	579.9	613.5	631.0
-62.5°	269.6	301.3	333.6	365.4	395.9	425.6	456.7	487.2	516.6	546.2	572.3
-65°	236.3	264.4	292.4	321.6	351.3	376.0	401.8	429.2	455.9	481.4	505.7
-67.5°	202.5	228.4	252.5	275.6	301.3	325.1	345.7	367.7	391.3	416.9	439.2
-70°	173.9	193.0	214.4	234.8	254.1	274.3	294.5	311.9	328.5	350.6	373.2
-72.5°	146.0	162.8	179.2	195.2	212.4	229.4	245.7	261.5	276.8	292.9	309.8
-75°	119.9	132.5	146.3	160.0	173.3	186.2	198.9	212.4	225.3	237.6	249.3
-77.5°	95.0	105.5	115.8	125.8	135.7	146.4	156.8	166.7	176.3	185.4	194.1
-80°	71.2	78.4	86.6	94.6	101.4	108.3	115.4	122.7	130.4	137.5	144.4
-82.5°	49.6	55.0	60.3	65.4	69.0	71.8	74.5	78.5	85.5	92.2	98.3
-85°	29.1	31.5	35.0	38.4	41.3	43.9	46.0	47.8	51.1	54.5	58.0
-87.5°	14.5	15.7	16.9	18.1	19.2	20.2	21.3	22.3	23.2	24.1	25.0
-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: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-750-U-NR-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°	25.8	26.6	27.3	27.9	28.5	29.1	29.6	30.0	30.4	28.8	27.1
85°	61.6	64.0	66.1	68.1	69.9	71.6	73.1	74.4	75.6	74.6	73.4
82.5°	103.8	107.9	111.7	115.1	118.3	121.3	123.9	126.2	128.2	128.1	127.5
80°	151.0	157.7	164.5	171.3	177.8	181.8	184.7	186.9	188.4	189.0	189.2
77.5°	202.9	213.4	224.3	235.0	245.5	251.6	255.9	259.5	262.3	262.9	262.4
75°	260.4	274.0	288.8	301.9	313.1	320.0	324.9	328.9	332.2	333.0	332.6
72.5°	327.4	344.0	357.4	368.3	377.9	385.3	391.3	396.4	400.6	402.3	402.6
70°	393.2	409.6	422.3	433.4	442.7	450.5	457.7	463.9	469.0	472.8	475.5
67.5°	459.9	478.6	491.6	501.7	509.7	517.7	527.4	535.7	542.6	547.3	549.6
65°	528.3	547.7	560.2	571.3	581.0	591.2	601.9	609.7	614.9	618.1	620.2
62.5°	594.6	612.6	628.4	643.1	657.1	668.8	676.1	682.7	688.3	693.1	696.6
60°	651.5	674.6	692.2	706.2	720.0	733.3	742.3	749.4	755.0	759.1	761.7
57.5°	700.1	723.6	744.4	758.0	772.9	788.9	799.3	805.3	810.8	815.5	817.7
55°	742.6	764.2	783.5	802.1	818.8	833.1	844.1	852.2	859.0	864.4	866.2
52.5°	780.8	804.4	826.9	846.7	863.1	876.8	887.8	897.8	905.5	910.7	913.0
50°	820.9	846.3	870.5	892.2	909.0	924.3	938.0	949.8	961.2	970.1	976.5
47.5°	860.4	887.6	914.2	938.0	958.2	980.4	1000.3	1017.2	1033.7	1047.0	1056.2
45°	900.3	931.5	960.5	991.2	1018.6	1047.7	1074.7	1097.9	1121.9	1140.0	1152.2
42.5°	944.5	980.0	1014.9	1053.2	1090.5	1128.4	1169.3	1205.8	1234.0	1260.5	1281.9
40°	991.9	1032.5	1078.1	1125.0	1180.1	1230.1	1285.0	1332.3	1374.9	1420.1	1456.0
37.5°	1042.4	1093.2	1153.1	1215.8	1287.1	1355.5	1427.3	1497.9	1559.4	1632.1	1687.5
35°	1098.3	1166.1	1239.8	1324.7	1413.4	1511.4	1609.7	1723.1	1820.8	1928.2	2021.8
32.5°	1164.4	1245.4	1342.1	1454.0	1568.0	1716.8	1855.7	2036.3	2192.5	2363.0	2534.7
30°	1232.5	1338.3	1463.1	1604.1	1785.3	1989.8	2217.8	2486.5	2763.5	3031.5	3354.9
27.5°	1316.8	1444.5	1595.6	1801.6	2068.3	2344.7	2736.7	3140.1	3649.3	4070.5	4664.3
25°	1404.4	1554.7	1769.4	2049.6	2397.8	2877.5	3472.2	4116.8	5012.8	5800.0	6723.2
22.5°	1499.8	1702.7	1969.8	2315.7	2843.6	3579.9	4480.4	5694.0	7015.5	8418.6	9814.3
20°	1599.1	1844.5	2194.7	2696.1	3420.4	4417.6	5963.6	7837.1	9725.1	12040.1	14090.2
17.5°	1714.1	2026.5	2458.1	3085.0	4051.6	5579.0	7723.8	10339.4	13268.4	16597.1	19552.4
15°	1809.9	2182.5	2727.2	3604.3	4933.7	6895.3	9600.0	13198.2	17599.6	22070.1	26605.6
12.5°	1921.2	2352.1	2991.8	4037.8	5707.4	8314.3	11995.9	16550.2	22047.1	28247.9	35557.7
10°	2020.0	2518.7	3313.9	4608.6	6649.0	9794.3	14262.4	19741.4	26835.3	35756.7	47076.7
7.5°	2093.2	2651.3	3562.6	5043.0	7463.0	11217.2	16403.8	23236.0	32250.0	44030.7	59566.5
5°	2140.8	2747.3	3738.5	5378.2	8100.2	12276.2	17973.2	25714.6	36589.3	53251.2	79559.0
2.5°	2169.2	2804.1	3838.9	5574.8	8487.8	12977.8	19167.2	27588.9	39401.5	58949.5	92417.9
0°	2181.9	2819.9	3899.0	5679.1	8617.2	13248.7	19715.5	28443.0	40659.9	60280.9	94678.7
-2.5°	2169.2	2804.1	3838.9	5574.8	8487.8	12977.8	19167.2	27588.9	39401.5	58949.5	92417.9
-5°	2140.8	2747.3	3738.5	5378.2	8100.2	12276.2	17973.2	25714.6	36589.3	53251.2	79559.0
-7.5°	2093.2	2651.3	3562.6	5043.0	7463.0	11217.2	16403.8	23236.0	32250.0	44030.7	59566.5
-10°	2020.0	2518.7	3313.9	4608.6	6649.0	9794.3	14262.4	19741.4	26835.3	35756.7	47076.7
-12.5°	1921.2	2352.1	2991.8	4037.8	5707.4	8314.3	11995.9	16550.2	22047.1	28247.9	35557.7
-15°	1809.9	2182.5	2727.2	3604.3	4933.7	6895.3	9600.0	13198.2	17599.6	22070.1	26605.6
-17.5°	1714.1	2026.5	2458.1	3085.0	4051.6	5579.0	7723.8	10339.4	13268.4	16597.1	19552.4
-20°	1599.1	1844.5	2194.7	2696.1	3420.4	4417.6	5963.6	7837.1	9725.1	12040.1	14090.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1499.8	1702.7	1969.8	2315.7	2843.6	3579.9	4480.4	5694.0	7015.5	8418.6	9814.3
-25°	1404.4	1554.7	1769.4	2049.6	2397.8	2877.5	3472.2	4116.8	5012.8	5800.0	6723.2
-27.5°	1316.8	1444.5	1595.6	1801.6	2068.3	2344.7	2736.7	3140.1	3649.3	4070.5	4664.3
-30°	1232.5	1338.3	1463.1	1604.1	1785.3	1989.8	2217.8	2486.5	2763.5	3031.5	3354.9
-32.5°	1164.4	1245.4	1342.1	1454.0	1568.0	1716.8	1855.7	2036.3	2192.5	2363.0	2534.7
-35°	1098.3	1166.1	1239.8	1324.7	1413.4	1511.4	1609.7	1723.1	1820.8	1928.2	2021.8
-37.5°	1042.4	1093.2	1153.1	1215.8	1287.1	1355.5	1427.3	1497.9	1559.4	1632.1	1687.5
-40°	991.9	1032.5	1078.1	1125.0	1180.1	1230.1	1285.0	1332.3	1374.9	1420.1	1456.0
-42.5°	944.5	980.0	1014.9	1053.2	1090.5	1128.4	1169.3	1205.8	1234.0	1260.5	1281.9
-45°	900.3	931.5	960.5	991.2	1018.6	1047.7	1074.7	1097.9	1121.9	1140.0	1152.2
-47.5°	860.4	887.6	914.2	938.0	958.2	980.4	1000.3	1017.2	1033.7	1047.0	1056.2
-50°	820.9	846.3	870.5	892.2	909.0	924.3	938.0	949.8	961.2	970.1	976.5
-52.5°	780.8	804.4	826.9	846.7	863.1	876.8	887.8	897.8	905.5	910.7	913.0
-55°	742.6	764.2	783.5	802.1	818.8	833.1	844.1	852.2	859.0	864.4	866.2
-57.5°	700.1	723.6	744.4	758.0	772.9	788.9	799.3	805.3	810.8	815.5	817.7
-60°	651.5	674.6	692.2	706.2	720.0	733.3	742.3	749.4	755.0	759.1	761.7
-62.5°	594.6	612.6	628.4	643.1	657.1	668.8	676.1	682.7	688.3	693.1	696.6
-65°	528.3	547.7	560.2	571.3	581.0	591.2	601.9	609.7	614.9	618.1	620.2
-67.5°	459.9	478.6	491.6	501.7	509.7	517.7	527.4	535.7	542.6	547.3	549.6
-70°	393.2	409.6	422.3	433.4	442.7	450.5	457.7	463.9	469.0	472.8	475.5
-72.5°	327.4	344.0	357.4	368.3	377.9	385.3	391.3	396.4	400.6	402.3	402.6
-75°	260.4	274.0	288.8	301.9	313.1	320.0	324.9	328.9	332.2	333.0	332.6
-77.5°	202.9	213.4	224.3	235.0	245.5	251.6	255.9	259.5	262.3	262.9	262.4
-80°	151.0	157.7	164.5	171.3	177.8	181.8	184.7	186.9	188.4	189.0	189.2
-82.5°	103.8	107.9	111.7	115.1	118.3	121.3	123.9	126.2	128.2	128.1	127.5
-85°	61.6	64.0	66.1	68.1	69.9	71.6	73.1	74.4	75.6	74.6	73.4
-87.5°	25.8	26.6	27.3	27.9	28.5	29.1	29.6	30.0	30.4	28.8	27.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-750-U-NR-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°	25.4	23.5	23.6	23.6	23.6	23.5	25.4	27.1	28.8	30.4	30.0
85°	72.1	70.6	70.8	70.9	70.8	70.6	72.1	73.4	74.6	75.6	74.4
82.5°	126.6	125.4	125.8	126.0	125.8	125.4	126.6	127.5	128.1	128.2	126.2
80°	188.9	188.1	184.9	181.2	184.9	188.1	188.9	189.2	189.0	188.4	186.9
77.5°	261.0	258.7	255.8	252.1	255.8	258.7	261.0	262.4	262.9	262.3	259.5
75°	331.4	329.4	330.4	330.8	330.4	329.4	331.4	332.6	333.0	332.2	328.9
72.5°	401.8	400.1	401.2	401.7	401.2	400.1	401.8	402.6	402.3	400.6	396.4
70°	477.4	478.3	476.2	472.6	476.2	478.3	477.4	475.5	472.8	469.0	463.9
67.5°	550.3	549.5	547.1	543.5	547.1	549.5	550.3	549.6	547.3	542.6	535.7
65°	620.9	620.2	621.5	622.3	621.5	620.2	620.9	620.2	618.1	614.9	609.7
62.5°	698.4	698.4	696.7	693.2	696.7	698.4	698.4	696.6	693.1	688.3	682.7
60°	762.6	762.0	759.9	756.2	759.9	762.0	762.6	761.7	759.1	755.0	749.4
57.5°	818.4	817.6	815.2	811.3	815.2	817.6	818.4	817.7	815.5	810.8	805.3
55°	866.5	865.3	862.6	858.6	862.6	865.3	866.5	866.2	864.4	859.0	852.2
52.5°	913.6	912.6	912.9	913.7	912.9	912.6	913.6	913.0	910.7	905.5	897.8
50°	980.4	981.8	980.6	976.7	980.6	981.8	980.4	976.5	970.1	961.2	949.8
47.5°	1060.7	1061.2	1059.3	1055.5	1059.3	1061.2	1060.7	1056.2	1047.0	1033.7	1017.2
45°	1161.7	1167.4	1168.9	1165.8	1168.9	1167.4	1161.7	1152.2	1140.0	1121.9	1097.9
42.5°	1298.5	1307.4	1310.0	1307.5	1310.0	1307.4	1298.5	1281.9	1260.5	1234.0	1205.8
40°	1478.0	1488.2	1490.1	1488.7	1490.1	1488.2	1478.0	1456.0	1420.1	1374.9	1332.3
37.5°	1726.5	1751.4	1763.1	1764.4	1763.1	1751.4	1726.5	1687.5	1632.1	1559.4	1497.9
35°	2093.2	2142.6	2169.1	2181.9	2169.1	2142.6	2093.2	2021.8	1928.2	1820.8	1723.1
32.5°	2664.8	2763.8	2818.7	2812.0	2818.7	2763.8	2664.8	2534.7	2363.0	2192.5	2036.3
30°	3598.7	3771.9	3859.1	3836.0	3859.1	3771.9	3598.7	3354.9	3031.5	2763.5	2486.5
27.5°	5090.8	5403.9	5584.9	5561.0	5584.9	5403.9	5090.8	4664.3	4070.5	3649.3	3140.1
25°	7495.0	8066.3	8432.0	8341.5	8432.0	8066.3	7495.0	6723.2	5800.0	5012.8	4116.8
22.5°	11152.3	12120.1	12760.6	12681.6	12760.6	12120.1	11152.3	9814.3	8418.6	7015.5	5694.0
20°	16168.9	17642.1	18694.0	18833.3	18694.0	17642.1	16168.9	14090.2	12040.1	9725.1	7837.1
17.5°	22744.8	25080.6	26706.6	26977.9	26706.6	25080.6	22744.8	19552.4	16597.1	13268.4	10339.4
15°	31291.2	35108.9	37871.9	38099.9	37871.9	35108.9	31291.2	26605.6	22070.1	17599.6	13198.2
12.5°	42895.8	50574.3	55585.6	57791.8	55585.6	50574.3	42895.8	35557.7	28247.9	22047.1	16550.2
10°	58956.0	76593.1	87888.3	92134.5	87888.3	76593.1	58956.0	47076.7	35756.7	26835.3	19741.4
7.5°	85781.4	113472.3	144257.1	157377.8	144257.1	113472.3	85781.4	59566.5	44030.7	32250.0	23236.0
5°	116159.1	173628.6	228292.3	249638.4	228292.3	173628.6	116159.1	79559.0	53251.2	36589.3	25714.6
2.5°	148124.2	228228.3	303292.0	332647.7	303292.0	228228.3	148124.2	92417.9	58949.5	39401.5	27588.9
0°	160607.3	252135.3	334723.2	367640.2	334723.2	252135.3	160607.3	94678.7	60280.9	40659.9	28443.0
-2.5°	148124.2	228228.3	303292.0	332647.7	303292.0	228228.3	148124.2	92417.9	58949.5	39401.5	27588.9
-5°	116159.1	173628.6	228292.3	249638.4	228292.3	173628.6	116159.1	79559.0	53251.2	36589.3	25714.6
-7.5°	85781.4	113472.3	144257.1	157377.8	144257.1	113472.3	85781.4	59566.5	44030.7	32250.0	23236.0
-10°	58956.0	76593.1	87888.3	92134.5	87888.3	76593.1	58956.0	47076.7	35756.7	26835.3	19741.4
-12.5°	42895.8	50574.3	55585.6	57791.8	55585.6	50574.3	42895.8	35557.7	28247.9	22047.1	16550.2
-15°	31291.2	35108.9	37871.9	38099.9	37871.9	35108.9	31291.2	26605.6	22070.1	17599.6	13198.2
-17.5°	22744.8	25080.6	26706.6	26977.9	26706.6	25080.6	22744.8	19552.4	16597.1	13268.4	10339.4
-20°	16168.9	17642.1	18694.0	18833.3	18694.0	17642.1	16168.9	14090.2	12040.1	9725.1	7837.1



REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11152.3	12120.1	12760.6	12681.6	12760.6	12120.1	11152.3	9814.3	8418.6	7015.5	5694.0
-25°	7495.0	8066.3	8432.0	8341.5	8432.0	8066.3	7495.0	6723.2	5800.0	5012.8	4116.8
-27.5°	5090.8	5403.9	5584.9	5561.0	5584.9	5403.9	5090.8	4664.3	4070.5	3649.3	3140.1
-30°	3598.7	3771.9	3859.1	3836.0	3859.1	3771.9	3598.7	3354.9	3031.5	2763.5	2486.5
-32.5°	2664.8	2763.8	2818.7	2812.0	2818.7	2763.8	2664.8	2534.7	2363.0	2192.5	2036.3
-35°	2093.2	2142.6	2169.1	2181.9	2169.1	2142.6	2093.2	2021.8	1928.2	1820.8	1723.1
-37.5°	1726.5	1751.4	1763.1	1764.4	1763.1	1751.4	1726.5	1687.5	1632.1	1559.4	1497.9
-40°	1478.0	1488.2	1490.1	1488.7	1490.1	1488.2	1478.0	1456.0	1420.1	1374.9	1332.3
-42.5°	1298.5	1307.4	1310.0	1307.5	1310.0	1307.4	1298.5	1281.9	1260.5	1234.0	1205.8
-45°	1161.7	1167.4	1168.9	1165.8	1168.9	1167.4	1161.7	1152.2	1140.0	1121.9	1097.9
-47.5°	1060.7	1061.2	1059.3	1055.5	1059.3	1061.2	1060.7	1056.2	1047.0	1033.7	1017.2
-50°	980.4	981.8	980.6	976.7	980.6	981.8	980.4	976.5	970.1	961.2	949.8
-52.5°	913.6	912.6	912.9	913.7	912.9	912.6	913.6	913.0	910.7	905.5	897.8
-55°	866.5	865.3	862.6	858.6	862.6	865.3	866.5	866.2	864.4	859.0	852.2
-57.5°	818.4	817.6	815.2	811.3	815.2	817.6	818.4	817.7	815.5	810.8	805.3
-60°	762.6	762.0	759.9	756.2	759.9	762.0	762.6	761.7	759.1	755.0	749.4
-62.5°	698.4	698.4	696.7	693.2	696.7	698.4	698.4	696.6	693.1	688.3	682.7
-65°	620.9	620.2	621.5	622.3	621.5	620.2	620.9	620.2	618.1	614.9	609.7
-67.5°	550.3	549.5	547.1	543.5	547.1	549.5	550.3	549.6	547.3	542.6	535.7
-70°	477.4	478.3	476.2	472.6	476.2	478.3	477.4	475.5	472.8	469.0	463.9
-72.5°	401.8	400.1	401.2	401.7	401.2	400.1	401.8	402.6	402.3	400.6	396.4
-75°	331.4	329.4	330.4	330.8	330.4	329.4	331.4	332.6	333.0	332.2	328.9
-77.5°	261.0	258.7	255.8	252.1	255.8	258.7	261.0	262.4	262.9	262.3	259.5
-80°	188.9	188.1	184.9	181.2	184.9	188.1	188.9	189.2	189.0	188.4	186.9
-82.5°	126.6	125.4	125.8	126.0	125.8	125.4	126.6	127.5	128.1	128.2	126.2
-85°	72.1	70.6	70.8	70.9	70.8	70.6	72.1	73.4	74.6	75.6	74.4
-87.5°	25.4	23.5	23.6	23.6	23.6	23.5	25.4	27.1	28.8	30.4	30.0
-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: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-750-U-NR-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°	29.6	29.1	28.5	27.9	27.3	26.6	25.8	25.0	24.1	23.2	22.3
85°	73.1	71.6	69.9	68.1	66.1	64.0	61.6	58.0	54.5	51.1	47.8
82.5°	123.9	121.3	118.3	115.1	111.7	107.9	103.8	98.3	92.2	85.5	78.5
80°	184.7	181.8	177.8	171.3	164.5	157.7	151.0	144.4	137.5	130.4	122.7
77.5°	255.9	251.6	245.5	235.0	224.3	213.4	202.9	194.1	185.4	176.3	166.7
75°	324.9	320.0	313.1	301.9	288.8	274.0	260.4	249.3	237.6	225.3	212.4
72.5°	391.3	385.3	377.9	368.3	357.4	344.0	327.4	309.8	292.9	276.8	261.5
70°	457.7	450.5	442.7	433.4	422.3	409.6	393.2	373.2	350.6	328.5	311.9
67.5°	527.4	517.7	509.7	501.7	491.6	478.6	459.9	439.2	416.9	391.3	367.7
65°	601.9	591.2	581.0	571.3	560.2	547.7	528.3	505.7	481.4	455.9	429.2
62.5°	676.1	668.8	657.1	643.1	628.4	612.6	594.6	572.3	546.2	516.6	487.2
60°	742.3	733.3	720.0	706.2	692.2	674.6	651.5	631.0	613.5	579.9	544.7
57.5°	799.3	788.9	772.9	758.0	744.4	723.6	700.1	676.9	654.2	631.0	600.8
55°	844.1	833.1	818.8	802.1	783.5	764.2	742.6	717.8	693.8	672.4	644.6
52.5°	887.8	876.8	863.1	846.7	826.9	804.4	780.8	756.2	733.6	711.7	686.7
50°	938.0	924.3	909.0	892.2	870.5	846.3	820.9	794.4	771.2	748.8	725.2
47.5°	1000.3	980.4	958.2	938.0	914.2	887.6	860.4	833.8	808.4	782.2	758.3
45°	1074.7	1047.7	1018.6	991.2	960.5	931.5	900.3	872.6	845.3	816.9	787.5
42.5°	1169.3	1128.4	1090.5	1053.2	1014.9	980.0	944.5	912.2	881.4	851.1	819.4
40°	1285.0	1230.1	1180.1	1125.0	1078.1	1032.5	991.9	951.4	917.3	884.4	849.4
37.5°	1427.3	1355.5	1287.1	1215.8	1153.1	1093.2	1042.4	995.8	951.5	915.6	878.7
35°	1609.7	1511.4	1413.4	1324.7	1239.8	1166.1	1098.3	1042.4	991.9	945.4	906.7
32.5°	1855.7	1716.8	1568.0	1454.0	1342.1	1245.4	1164.4	1093.2	1032.5	980.0	933.5
30°	2217.8	1989.8	1785.3	1604.1	1463.1	1338.3	1232.5	1150.2	1078.1	1014.9	960.5
27.5°	2736.7	2344.7	2068.3	1801.6	1595.6	1444.5	1316.8	1208.8	1124.0	1053.2	990.7
25°	3472.2	2877.5	2397.8	2049.6	1769.4	1554.7	1404.4	1279.2	1175.4	1090.1	1015.0
22.5°	4480.4	3579.9	2843.6	2315.7	1969.8	1702.7	1499.8	1348.8	1222.4	1122.4	1040.7
20°	5963.6	4417.6	3420.4	2696.1	2194.7	1844.5	1599.1	1421.4	1275.3	1156.0	1063.2
17.5°	7723.8	5579.0	4051.6	3085.0	2458.1	2026.5	1714.1	1488.2	1323.4	1185.3	1081.6
15°	9600.0	6895.3	4933.7	3604.3	2727.2	2182.5	1809.9	1547.4	1369.1	1217.6	1104.3
12.5°	11995.9	8314.3	5707.4	4037.8	2991.8	2352.1	1921.2	1622.4	1414.1	1252.3	1128.0
10°	14262.4	9794.3	6649.0	4608.6	3313.9	2518.7	2020.0	1680.1	1449.0	1280.0	1147.2
7.5°	16403.8	11217.2	7463.0	5043.0	3562.6	2651.3	2093.2	1721.8	1473.8	1299.4	1161.9
5°	17973.2	12276.2	8100.2	5378.2	3738.5	2747.3	2140.8	1747.7	1488.6	1310.8	1171.9
2.5°	19167.2	12977.8	8487.8	5574.8	3838.9	2804.1	2169.2	1767.4	1502.9	1320.0	1183.0
0°	19715.5	13248.7	8617.2	5679.1	3899.0	2819.9	2181.9	1780.1	1512.3	1323.3	1189.4
-2.5°	19167.2	12977.8	8487.8	5574.8	3838.9	2804.1	2169.2	1767.4	1502.9	1320.0	1183.0
-5°	17973.2	12276.2	8100.2	5378.2	3738.5	2747.3	2140.8	1747.7	1488.6	1310.8	1171.9
-7.5°	16403.8	11217.2	7463.0	5043.0	3562.6	2651.3	2093.2	1721.8	1473.8	1299.4	1161.9
-10°	14262.4	9794.3	6649.0	4608.6	3313.9	2518.7	2020.0	1680.1	1449.0	1280.0	1147.2
-12.5°	11995.9	8314.3	5707.4	4037.8	2991.8	2352.1	1921.2	1622.4	1414.1	1252.3	1128.0
-15°	9600.0	6895.3	4933.7	3604.3	2727.2	2182.5	1809.9	1547.4	1369.1	1217.6	1104.3
-17.5°	7723.8	5579.0	4051.6	3085.0	2458.1	2026.5	1714.1	1488.2	1323.4	1185.3	1081.6
-20°	5963.6	4417.6	3420.4	2696.1	2194.7	1844.5	1599.1	1421.4	1275.3	1156.0	1063.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4480.4	3579.9	2843.6	2315.7	1969.8	1702.7	1499.8	1348.8	1222.4	1122.4	1040.7
-25°	3472.2	2877.5	2397.8	2049.6	1769.4	1554.7	1404.4	1279.2	1175.4	1090.1	1015.0
-27.5°	2736.7	2344.7	2068.3	1801.6	1595.6	1444.5	1316.8	1208.8	1124.0	1053.2	990.7
-30°	2217.8	1989.8	1785.3	1604.1	1463.1	1338.3	1232.5	1150.2	1078.1	1014.9	960.5
-32.5°	1855.7	1716.8	1568.0	1454.0	1342.1	1245.4	1164.4	1093.2	1032.5	980.0	933.5
-35°	1609.7	1511.4	1413.4	1324.7	1239.8	1166.1	1098.3	1042.4	991.9	945.4	906.7
-37.5°	1427.3	1355.5	1287.1	1215.8	1153.1	1093.2	1042.4	995.8	951.5	915.6	878.7
-40°	1285.0	1230.1	1180.1	1125.0	1078.1	1032.5	991.9	951.4	917.3	884.4	849.4
-42.5°	1169.3	1128.4	1090.5	1053.2	1014.9	980.0	944.5	912.2	881.4	851.1	819.4
-45°	1074.7	1047.7	1018.6	991.2	960.5	931.5	900.3	872.6	845.3	816.9	787.5
-47.5°	1000.3	980.4	958.2	938.0	914.2	887.6	860.4	833.8	808.4	782.2	758.3
-50°	938.0	924.3	909.0	892.2	870.5	846.3	820.9	794.4	771.2	748.8	725.2
-52.5°	887.8	876.8	863.1	846.7	826.9	804.4	780.8	756.2	733.6	711.7	686.7
-55°	844.1	833.1	818.8	802.1	783.5	764.2	742.6	717.8	693.8	672.4	644.6
-57.5°	799.3	788.9	772.9	758.0	744.4	723.6	700.1	676.9	654.2	631.0	600.8
-60°	742.3	733.3	720.0	706.2	692.2	674.6	651.5	631.0	613.5	579.9	544.7
-62.5°	676.1	668.8	657.1	643.1	628.4	612.6	594.6	572.3	546.2	516.6	487.2
-65°	601.9	591.2	581.0	571.3	560.2	547.7	528.3	505.7	481.4	455.9	429.2
-67.5°	527.4	517.7	509.7	501.7	491.6	478.6	459.9	439.2	416.9	391.3	367.7
-70°	457.7	450.5	442.7	433.4	422.3	409.6	393.2	373.2	350.6	328.5	311.9
-72.5°	391.3	385.3	377.9	368.3	357.4	344.0	327.4	309.8	292.9	276.8	261.5
-75°	324.9	320.0	313.1	301.9	288.8	274.0	260.4	249.3	237.6	225.3	212.4
-77.5°	255.9	251.6	245.5	235.0	224.3	213.4	202.9	194.1	185.4	176.3	166.7
-80°	184.7	181.8	177.8	171.3	164.5	157.7	151.0	144.4	137.5	130.4	122.7
-82.5°	123.9	121.3	118.3	115.1	111.7	107.9	103.8	98.3	92.2	85.5	78.5
-85°	73.1	71.6	69.9	68.1	66.1	64.0	61.6	58.0	54.5	51.1	47.8
-87.5°	29.6	29.1	28.5	27.9	27.3	26.6	25.8	25.0	24.1	23.2	22.3
-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: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-750-U-NR-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°	21.3	20.2	19.2	18.1	16.9	15.7	14.5	13.3	12.1	10.8	9.5
85°	46.0	43.9	41.3	38.4	35.0	31.5	29.1	26.6	24.1	21.5	18.9
82.5°	74.5	71.8	69.0	65.4	60.3	55.0	49.6	44.0	38.4	32.6	28.3
80°	115.4	108.3	101.4	94.6	86.6	78.4	71.2	63.8	56.3	48.6	40.8
77.5°	156.8	146.4	135.7	125.8	115.8	105.5	95.0	84.3	74.1	64.5	54.8
75°	198.9	186.2	173.3	160.0	146.3	132.5	119.9	107.0	93.9	80.5	68.7
72.5°	245.7	229.4	212.4	195.2	179.2	162.8	146.0	129.5	114.2	98.7	82.9
70°	294.5	274.3	254.1	234.8	214.4	193.0	173.9	154.3	134.4	116.7	98.7
67.5°	345.7	325.1	301.3	275.6	252.5	228.4	202.5	179.4	157.1	134.4	114.2
65°	401.8	376.0	351.3	321.6	292.4	264.4	236.3	205.8	179.4	154.3	129.5
62.5°	456.7	425.6	395.9	365.4	333.6	301.3	269.6	235.4	202.2	173.9	146.0
60°	511.0	476.5	439.6	405.0	371.8	337.8	301.7	264.1	227.7	193.0	162.8
57.5°	562.5	526.4	484.7	444.0	406.7	371.2	332.7	291.9	252.3	214.0	179.1
55°	610.5	570.2	526.9	482.8	440.8	401.8	361.8	318.7	276.1	234.8	194.8
52.5°	654.7	612.5	566.4	519.6	473.7	431.3	389.1	344.3	298.9	254.8	211.7
50°	695.9	654.6	605.5	555.3	505.0	460.2	415.9	369.0	320.6	274.0	228.2
47.5°	731.5	692.4	644.9	590.6	537.1	488.7	442.2	393.1	341.3	292.2	244.2
45°	760.7	727.4	681.7	627.0	569.6	518.4	468.0	416.6	362.6	309.8	259.5
42.5°	787.8	756.7	715.5	662.6	603.1	547.6	493.3	439.5	383.2	326.6	274.2
40°	815.3	782.4	746.8	693.7	634.4	575.7	518.7	461.8	403.1	343.1	288.2
37.5°	841.0	806.9	770.8	722.5	662.6	602.1	543.1	483.4	421.6	359.6	301.5
35°	867.1	828.9	791.7	745.1	687.2	626.1	566.3	504.2	439.1	374.9	314.0
32.5°	892.2	849.3	809.1	763.6	709.6	647.7	587.1	522.3	455.5	389.0	325.7
30°	914.9	868.4	825.9	781.4	728.7	666.5	604.5	538.7	470.7	402.0	336.7
27.5°	933.2	884.3	841.9	796.7	743.9	683.5	619.9	553.5	484.7	413.9	347.2
25°	951.3	898.9	854.6	810.6	758.3	700.6	634.2	566.5	497.0	425.2	356.6
22.5°	971.5	912.5	864.6	823.9	772.9	717.1	647.7	577.9	507.7	435.3	365.0
20°	989.2	924.4	872.2	834.3	784.5	729.4	660.7	588.1	516.9	444.3	372.3
17.5°	1004.9	936.9	882.0	840.5	793.7	739.9	672.6	597.2	524.6	452.1	378.6
15°	1021.3	950.1	890.8	845.5	801.0	748.7	683.4	605.1	530.9	458.8	384.1
12.5°	1035.8	960.9	897.9	849.4	806.6	755.8	693.0	611.6	535.7	464.3	389.3
10°	1047.9	969.2	903.1	852.1	810.6	761.3	701.2	617.8	541.0	468.6	393.6
7.5°	1057.4	974.9	906.6	853.6	813.3	765.7	708.1	625.1	545.4	471.5	397.1
5°	1064.3	979.5	911.9	858.4	816.6	769.1	713.0	631.0	548.7	473.1	399.6
2.5°	1069.5	983.4	917.6	863.0	818.5	771.2	715.9	635.3	550.7	473.5	401.2
0°	1071.2	984.6	921.6	866.4	819.2	771.9	716.8	638.0	551.4	472.6	401.7
-2.5°	1069.5	983.4	917.6	863.0	818.5	771.2	715.9	635.3	550.7	473.5	401.2
-5°	1064.3	979.5	911.9	858.4	816.6	769.1	713.0	631.0	548.7	473.1	399.6
-7.5°	1057.4	974.9	906.6	853.6	813.3	765.7	708.1	625.1	545.4	471.5	397.1
-10°	1047.9	969.2	903.1	852.1	810.6	761.3	701.2	617.8	541.0	468.6	393.6
-12.5°	1035.8	960.9	897.9	849.4	806.6	755.8	693.0	611.6	535.7	464.3	389.3
-15°	1021.3	950.1	890.8	845.5	801.0	748.7	683.4	605.1	530.9	458.8	384.1
-17.5°	1004.9	936.9	882.0	840.5	793.7	739.9	672.6	597.2	524.6	452.1	378.6
-20°	989.2	924.4	872.2	834.3	784.5	729.4	660.7	588.1	516.9	444.3	372.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	971.5	912.5	864.6	823.9	772.9	717.1	647.7	577.9	507.7	435.3	365.0
-25°	951.3	898.9	854.6	810.6	758.3	700.6	634.2	566.5	497.0	425.2	356.6
-27.5°	933.2	884.3	841.9	796.7	743.9	683.5	619.9	553.5	484.7	413.9	347.2
-30°	914.9	868.4	825.9	781.4	728.7	666.5	604.5	538.7	470.7	402.0	336.7
-32.5°	892.2	849.3	809.1	763.6	709.6	647.7	587.1	522.3	455.5	389.0	325.7
-35°	867.1	828.9	791.7	745.1	687.2	626.1	566.3	504.2	439.1	374.9	314.0
-37.5°	841.0	806.9	770.8	722.5	662.6	602.1	543.1	483.4	421.6	359.6	301.5
-40°	815.3	782.4	746.8	693.7	634.4	575.7	518.7	461.8	403.1	343.1	288.2
-42.5°	787.8	756.7	715.5	662.6	603.1	547.6	493.3	439.5	383.2	326.6	274.2
-45°	760.7	727.4	681.7	627.0	569.6	518.4	468.0	416.6	362.6	309.8	259.5
-47.5°	731.5	692.4	644.9	590.6	537.1	488.7	442.2	393.1	341.3	292.2	244.2
-50°	695.9	654.6	605.5	555.3	505.0	460.2	415.9	369.0	320.6	274.0	228.2
-52.5°	654.7	612.5	566.4	519.6	473.7	431.3	389.1	344.3	298.9	254.8	211.7
-55°	610.5	570.2	526.9	482.8	440.8	401.8	361.8	318.7	276.1	234.8	194.8
-57.5°	562.5	526.4	484.7	444.0	406.7	371.2	332.7	291.9	252.3	214.0	179.1
-60°	511.0	476.5	439.6	405.0	371.8	337.8	301.7	264.1	227.7	193.0	162.8
-62.5°	456.7	425.6	395.9	365.4	333.6	301.3	269.6	235.4	202.2	173.9	146.0
-65°	401.8	376.0	351.3	321.6	292.4	264.4	236.3	205.8	179.4	154.3	129.5
-67.5°	345.7	325.1	301.3	275.6	252.5	228.4	202.5	179.4	157.1	134.4	114.2
-70°	294.5	274.3	254.1	234.8	214.4	193.0	173.9	154.3	134.4	116.7	98.7
-72.5°	245.7	229.4	212.4	195.2	179.2	162.8	146.0	129.5	114.2	98.7	82.9
-75°	198.9	186.2	173.3	160.0	146.3	132.5	119.9	107.0	93.9	80.5	68.7
-77.5°	156.8	146.4	135.7	125.8	115.8	105.5	95.0	84.3	74.1	64.5	54.8
-80°	115.4	108.3	101.4	94.6	86.6	78.4	71.2	63.8	56.3	48.6	40.8
-82.5°	74.5	71.8	69.0	65.4	60.3	55.0	49.6	44.0	38.4	32.6	28.3
-85°	46.0	43.9	41.3	38.4	35.0	31.5	29.1	26.6	24.1	21.5	18.9
-87.5°	21.3	20.2	19.2	18.1	16.9	15.7	14.5	13.3	12.1	10.8	9.5
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-NR-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°	8.2	6.8	5.5	4.1	2.7	1.2	0.0
85°	16.3	13.6	10.9	8.2	5.5	2.4	0.0
82.5°	24.4	20.4	16.4	12.3	8.2	3.6	0.0
80°	32.9	27.1	21.8	16.4	10.9	4.8	0.0
77.5°	44.9	34.8	27.1	20.4	13.5	5.9	0.0
75°	56.7	44.3	32.8	24.4	16.1	7.1	0.0
72.5°	68.2	53.6	40.0	28.3	18.7	8.2	0.0
70°	79.8	62.7	47.0	32.5	21.2	9.3	0.0
67.5°	93.0	71.7	53.9	37.4	23.6	10.4	0.0
65°	105.9	81.4	60.6	42.3	26.0	11.5	0.0
62.5°	118.6	92.0	67.2	47.1	28.2	12.5	0.0
60°	130.9	102.3	73.5	51.7	30.4	13.5	0.0
57.5°	144.5	112.3	81.4	56.1	33.3	14.5	0.0
55°	158.0	122.1	89.2	60.4	36.0	15.4	0.0
52.5°	171.0	131.7	96.8	64.6	38.8	16.3	0.0
50°	183.5	142.2	104.1	68.5	41.4	17.1	0.0
47.5°	195.9	152.3	111.1	72.6	44.0	17.9	0.0
45°	209.0	161.9	117.8	77.7	46.4	18.7	0.0
42.5°	221.5	171.2	124.2	82.5	48.8	19.4	0.0
40°	233.5	180.0	130.8	87.2	51.1	20.0	0.0
37.5°	244.8	188.3	137.4	91.7	53.3	20.6	0.0
35°	255.5	196.8	143.7	96.0	55.4	21.2	0.0
32.5°	265.5	205.1	149.5	100.0	57.4	21.7	0.0
30°	274.8	212.8	155.0	103.8	59.3	22.1	0.0
27.5°	283.4	220.0	160.3	107.2	61.0	22.6	0.0
25°	291.3	226.5	165.2	110.4	62.6	22.9	0.0
22.5°	298.4	232.4	169.6	113.4	64.1	23.2	0.0
20°	304.8	237.5	173.7	116.0	65.5	23.4	0.0
17.5°	310.1	241.8	177.2	118.3	66.7	23.6	0.0
15°	314.4	245.4	180.3	120.3	67.8	23.8	0.0
12.5°	317.8	248.3	183.0	122.1	68.7	23.9	0.0
10°	320.5	250.4	185.1	123.5	69.5	23.9	0.0
7.5°	322.3	251.8	186.8	124.6	70.1	23.9	0.0
5°	323.4	252.6	188.0	125.4	70.5	23.9	0.0
2.5°	323.5	252.7	188.8	125.8	70.8	23.7	0.0
0°	322.9	252.1	189.0	126.0	70.9	23.6	0.0
-2.5°	323.5	252.7	188.8	125.8	70.8	23.7	0.0
-5°	323.4	252.6	188.0	125.4	70.5	23.9	0.0
-7.5°	322.3	251.8	186.8	124.6	70.1	23.9	0.0
-10°	320.5	250.4	185.1	123.5	69.5	23.9	0.0
-12.5°	317.8	248.3	183.0	122.1	68.7	23.9	0.0
-15°	314.4	245.4	180.3	120.3	67.8	23.8	0.0
-17.5°	310.1	241.8	177.2	118.3	66.7	23.6	0.0
-20°	304.8	237.5	173.7	116.0	65.5	23.4	0.0

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REPORT NUMBER: P627899 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	298.4	232.4	169.6	113.4	64.1	23.2	0.0
-25°	291.3	226.5	165.2	110.4	62.6	22.9	0.0
-27.5°	283.4	220.0	160.3	107.2	61.0	22.6	0.0
-30°	274.8	212.8	155.0	103.8	59.3	22.1	0.0
-32.5°	265.5	205.1	149.5	100.0	57.4	21.7	0.0
-35°	255.5	196.8	143.7	96.0	55.4	21.2	0.0
-37.5°	244.8	188.3	137.4	91.7	53.3	20.6	0.0
-40°	233.5	180.0	130.8	87.2	51.1	20.0	0.0
-42.5°	221.5	171.2	124.2	82.5	48.8	19.4	0.0
-45°	209.0	161.9	117.8	77.7	46.4	18.7	0.0
-47.5°	195.9	152.3	111.1	72.6	44.0	17.9	0.0
-50°	183.5	142.2	104.1	68.5	41.4	17.1	0.0
-52.5°	171.0	131.7	96.8	64.6	38.8	16.3	0.0
-55°	158.0	122.1	89.2	60.4	36.0	15.4	0.0
-57.5°	144.5	112.3	81.4	56.1	33.3	14.5	0.0
-60°	130.9	102.3	73.5	51.7	30.4	13.5	0.0
-62.5°	118.6	92.0	67.2	47.1	28.2	12.5	0.0
-65°	105.9	81.4	60.6	42.3	26.0	11.5	0.0
-67.5°	93.0	71.7	53.9	37.4	23.6	10.4	0.0
-70°	79.8	62.7	47.0	32.5	21.2	9.3	0.0
-72.5°	68.2	53.6	40.0	28.3	18.7	8.2	0.0
-75°	56.7	44.3	32.8	24.4	16.1	7.1	0.0
-77.5°	44.9	34.8	27.1	20.4	13.5	5.9	0.0
-80°	32.9	27.1	21.8	16.4	10.9	4.8	0.0
-82.5°	24.4	20.4	16.4	12.3	8.2	3.6	0.0
-85°	16.3	13.6	10.9	8.2	5.5	2.4	0.0
-87.5°	8.2	6.8	5.5	4.1	2.7	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)