

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: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-750-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

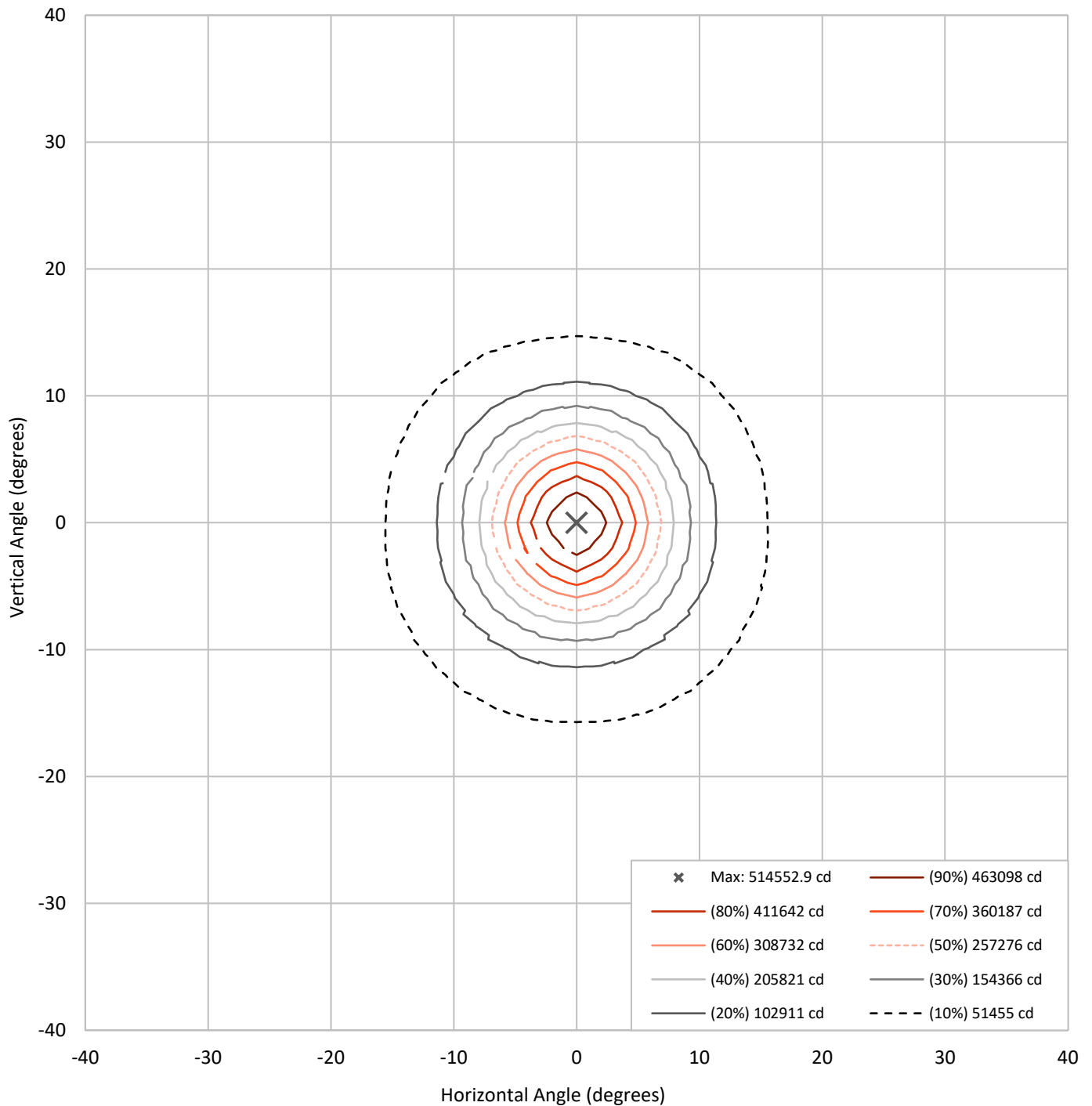
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	50761.7 lumens	Max Intensity:	514552.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	16205.4 lumens	Field Lumens:	36094.8 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	376.7		
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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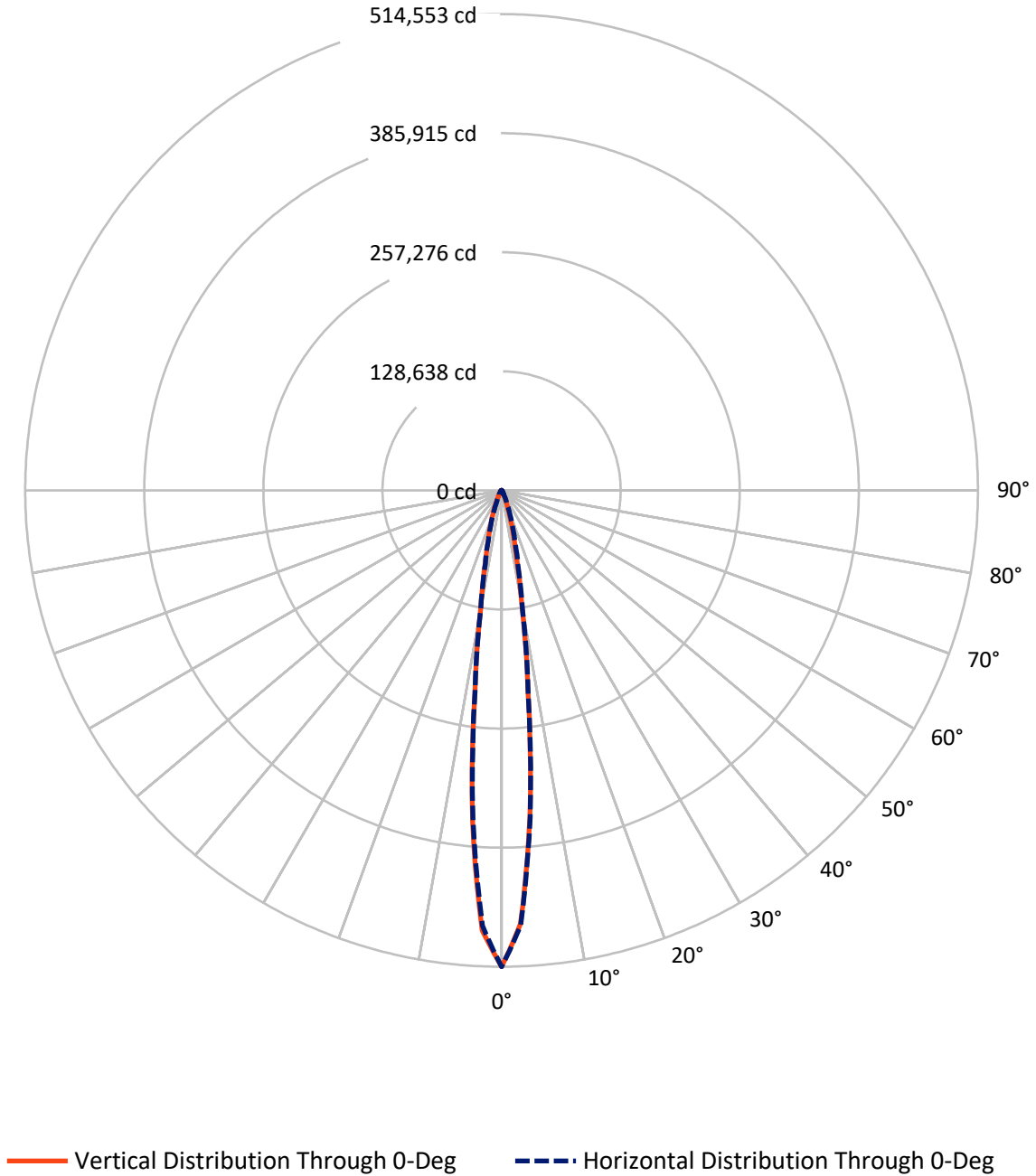
CATALOG NUMBER: GFLD-SA6E-750-U-NR-VSR-XX

Lumen Table

90	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	0.0		
80	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	0.0		
70	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2			
60		0.1	0.3	1.2	2.8	4.5	6.0	7.2	7.2	6.0	4.5	2.8	1.2	0.3	0.1				
50	0.2	0.3	1.5	4.4	8.3	12.2	17.1	20.2	20.2	17.1	12.2	8.3	4.4	1.5	0.3	0.2			
40		0.7	3.6	8.6	15.4	24.3	41.3	52.6	52.6	41.3	24.3	15.4	8.6	3.6	0.7				
30	0.5	1.4	5.7	13.1	23.8	51.6	137.9	228.4	228.4	137.9	51.6	23.8	13.1	5.7	1.4	0.5			
20		2.2	7.8	18.1	39.3	154.3	650.7	1430.3	1430.3	650.7	154.3	39.3	18.1	7.8	2.2				
10	0.8	2.7	9.5	21.2	53.3	289.8	1559.2	6992.8	6992.8	1559.2	289.8	53.3	21.2	9.5	2.7	0.8			
0		3.1	10.3	22.4	57.3	308.7	1613.9	7111.5	7111.5	1613.9	308.7	57.3	22.4	10.3	3.1				
-10	1.0	3.3	10.5	22.0	50.3	196.4	783.4	1675.7	1675.7	783.4	196.4	50.3	22.0	10.5	3.3	1.0			
-20		3.2	10.0	20.2	38.8	91.8	241.4	402.4	402.4	241.4	91.8	38.8	20.2	10.0	3.2				
-30	0.9	2.8	9.0	17.8	30.4	50.4	82.1	104.3	104.3	82.1	50.4	30.4	17.8	9.0	2.8	0.9			
-40		2.3	7.3	14.8	24.5	35.2	47.4	52.8	52.8	47.4	35.2	24.5	14.8	7.3	2.3				
-50	0.6	1.8	5.5	11.6	19.3	27.1	34.2	37.3	37.3	34.2	27.1	19.3	11.6	5.5	1.8	0.6			
-60		1.1	3.4	7.5	13.0	18.8	23.8	26.2	26.2	23.8	18.8	13.0	7.5	3.4	1.1				
-70	0.2	1.1	3.4	7.5	13.0	18.8	23.8	26.2	26.2	23.8	18.8	13.0	7.5	3.4	1.1	0.2			
-80		0.2	3.1	12.8	28.1	35.5	28.1	12.8	3.1	0.2									
-90	0.2	3.1	12.8	28.1	35.5	28.1	12.8	3.1	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

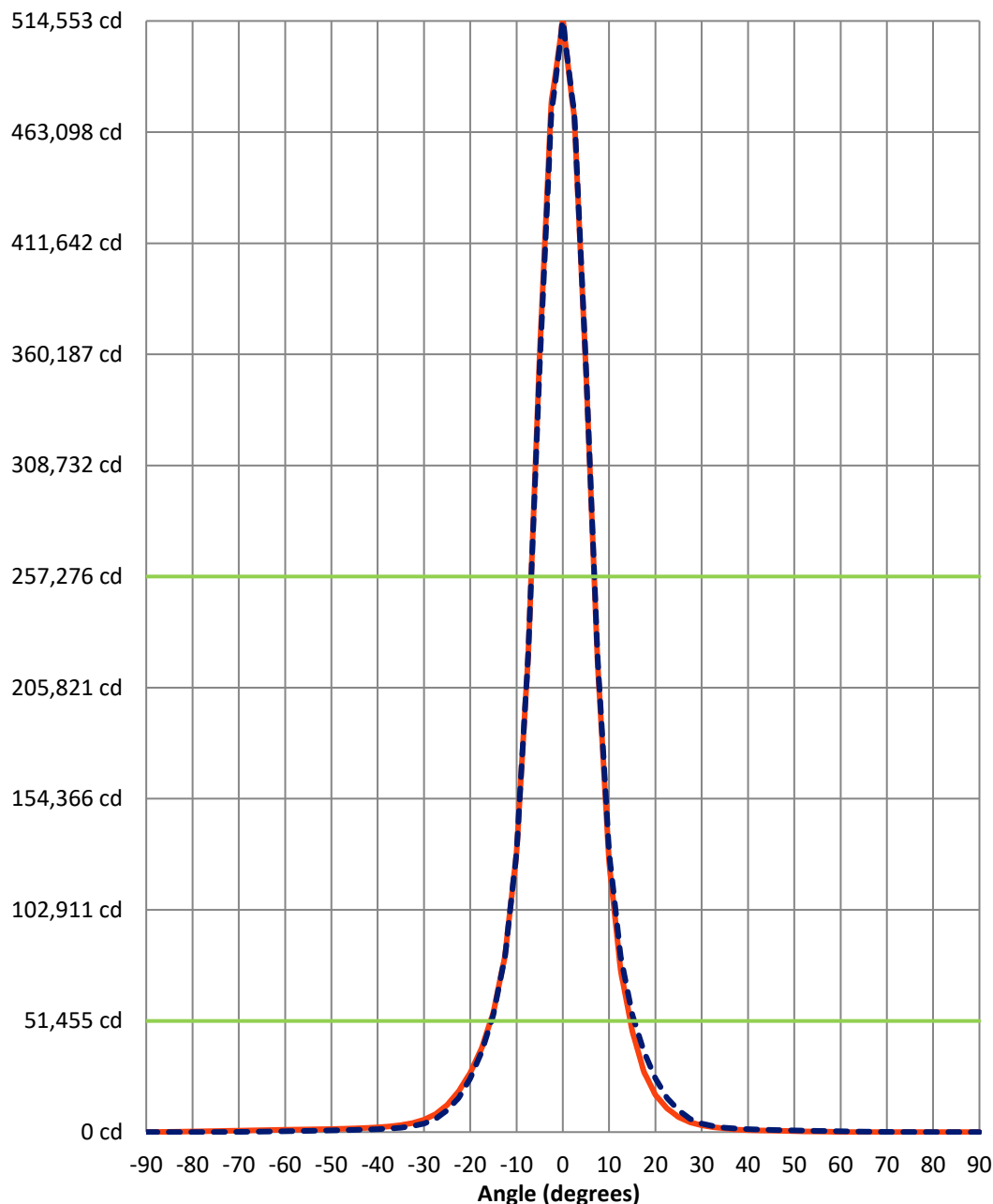
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 16205.4
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 36094.8
 Efficiency: 71.1%

Spill:
 Lumens: 14666.9
 Efficiency: 28.9%

— 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	1.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1
75°	0.0	1.5	0.2	0.0	0.2	0.9	0.3	0.0	0.2	1.0	0.4
72.5°	0.0	1.7	0.3	0.0	1.2	1.6	0.6	0.7	2.3	2.4	1.0
70°	0.0	2.0	0.4	0.2	2.2	2.5	1.3	3.3	4.6	4.1	1.5
67.5°	0.0	2.2	0.6	1.3	3.3	3.4	3.9	6.1	7.0	4.4	1.8
65°	0.0	2.5	0.9	2.4	4.4	4.7	6.3	9.1	7.4	4.8	3.3
62.5°	0.0	2.8	1.1	3.5	5.6	6.2	8.6	10.2	7.7	5.7	6.8
60°	0.0	3.1	1.5	4.6	6.8	7.6	10.7	10.6	8.2	7.9	10.0
57.5°	0.0	3.4	2.4	5.7	7.7	8.9	10.9	10.9	9.2	9.7	10.9
55°	0.0	3.7	3.3	6.9	8.4	10.0	10.9	10.9	10.1	10.9	10.9
52.5°	0.0	4.0	4.1	8.1	9.0	10.9	10.9	10.9	10.7	10.9	10.9
50°	0.0	4.3	4.9	9.3	9.6	10.9	10.9	10.9	10.9	10.9	12.7
47.5°	0.0	4.6	5.7	10.3	10.1	10.9	10.9	10.9	10.9	10.9	15.1
45°	0.0	5.0	6.4	10.6	10.5	10.9	10.9	10.9	11.3	13.5	17.9
42.5°	0.0	5.3	7.0	10.8	10.8	10.9	10.9	11.3	12.0	16.6	24.1
40°	0.0	5.7	7.6	10.9	10.9	10.9	10.9	12.2	13.9	20.0	31.1
37.5°	0.0	6.0	8.1	10.9	10.9	10.9	10.9	13.2	17.7	25.2	38.3
35°	0.0	6.4	8.6	10.9	10.9	10.9	10.9	14.5	21.7	32.1	47.0
32.5°	0.0	6.7	9.1	10.9	10.9	10.9	11.2	16.0	25.9	38.7	58.2
30°	0.0	7.1	9.4	10.9	10.9	10.9	12.4	18.1	30.3	45.1	70.4
27.5°	0.0	7.4	9.8	10.9	10.9	10.9	13.6	21.6	35.1	51.3	83.6
25°	0.0	7.8	10.0	10.9	10.9	10.9	14.9	25.2	40.3	60.4	97.7
22.5°	0.0	8.1	10.3	10.9	10.9	11.1	16.2	28.7	45.2	71.3	114.4
20°	0.0	8.5	10.4	10.9	10.9	11.9	17.6	32.2	49.9	82.5	129.8
17.5°	0.0	8.8	10.6	10.9	10.9	12.9	19.6	35.6	54.2	93.6	143.8
15°	0.0	9.2	10.7	10.9	10.9	14.0	21.8	39.0	58.3	104.7	156.5
12.5°	0.0	9.5	10.8	10.9	10.9	15.2	23.9	42.3	63.8	115.4	167.9
10°	0.0	9.8	10.8	10.9	10.9	16.5	25.9	45.3	70.8	125.4	178.0
7.5°	0.0	10.1	10.9	10.9	10.9	17.9	27.8	48.0	78.0	134.0	186.8
5°	0.0	10.4	10.9	10.9	10.9	19.2	29.5	50.5	85.0	141.4	194.6
2.5°	0.0	10.7	10.9	10.9	10.9	20.5	31.2	52.6	91.7	147.5	201.3
0°	0.0	10.9	10.9	10.9	10.9	21.8	32.7	54.5	98.0	152.5	206.9
-2.5°	0.0	10.9	10.9	10.9	11.9	23.0	35.5	57.8	103.6	156.5	213.9
-5°	0.0	10.9	10.9	10.9	12.8	24.0	38.2	60.7	108.4	159.7	219.7
-7.5°	0.0	10.8	10.9	10.9	13.7	24.9	40.6	63.4	112.3	162.1	224.0
-10°	0.0	10.7	10.9	10.9	14.5	25.8	42.8	65.7	115.1	163.9	226.7
-12.5°	0.0	10.6	10.9	10.9	15.2	26.5	44.5	67.7	116.9	165.5	231.0
-15°	0.0	10.5	10.9	10.9	15.8	27.1	45.9	69.4	117.3	168.8	234.9
-17.5°	0.0	10.4	10.9	10.9	16.3	27.6	46.8	71.1	116.5	170.5	236.7
-20°	0.0	10.2	10.9	10.9	16.6	27.9	47.5	72.5	114.8	170.5	236.3

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Scaled Data Report



REPORT NUMBER: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-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	10.1	10.9	10.9	16.7	28.2	48.1	73.4	112.2	168.5	233.6
-25°	0.0	9.9	10.9	10.9	16.7	28.9	48.4	73.8	108.8	164.6	228.5
-27.5°	0.0	9.7	10.9	10.9	16.4	29.6	48.4	73.5	104.4	159.0	223.6
-30°	0.0	9.4	10.9	10.9	16.0	30.1	48.1	72.7	102.2	153.2	216.2
-32.5°	0.0	9.2	10.9	10.9	16.0	30.3	47.5	71.9	100.9	146.3	205.9
-35°	0.0	8.9	10.9	10.9	15.8	30.3	47.4	70.9	98.9	138.5	192.8
-37.5°	0.0	8.6	10.9	10.9	15.4	30.0	47.2	69.6	96.0	129.9	185.3
-40°	0.0	8.3	10.9	10.9	14.8	29.4	46.6	67.9	92.3	124.3	178.5
-42.5°	0.0	8.0	10.9	11.0	14.7	28.5	45.6	66.0	89.4	121.8	170.1
-45°	0.0	7.7	10.9	11.3	15.1	27.3	44.3	63.9	86.8	118.1	160.8
-47.5°	0.0	7.4	10.9	11.5	15.3	25.9	42.5	61.8	83.8	112.9	154.6
-50°	0.0	7.0	10.9	11.7	15.5	24.2	40.3	59.1	80.6	108.7	146.6
-52.5°	0.0	6.6	10.9	11.8	15.5	22.2	37.8	55.9	76.6	102.6	137.0
-55°	0.0	6.3	10.9	11.8	15.4	21.6	34.8	52.2	72.0	95.0	127.1
-57.5°	0.0	5.9	10.9	11.8	15.2	21.1	31.6	48.1	66.9	88.1	115.1
-60°	0.0	5.4	10.9	11.7	14.9	20.4	28.3	43.4	61.1	81.0	103.1
-62.5°	0.0	5.0	10.1	11.6	14.5	19.5	26.8	38.4	54.8	73.3	93.9
-65°	0.0	4.6	9.2	11.4	13.9	18.5	25.2	33.8	48.0	65.0	83.8
-67.5°	0.0	4.2	8.3	11.2	13.3	17.4	23.3	31.0	40.7	56.0	73.1
-70°	0.0	3.7	7.4	11.0	12.6	16.0	21.2	28.0	36.4	46.6	61.7
-72.5°	0.0	3.3	6.5	9.8	11.9	14.6	18.9	24.7	31.9	40.6	50.6
-75°	0.0	2.8	5.6	8.4	11.1	13.1	16.5	21.6	27.1	34.2	42.6
-77.5°	0.0	2.4	4.7	7.1	9.4	11.5	13.9	18.6	23.5	28.4	34.2
-80°	0.0	1.9	3.8	5.7	7.5	9.4	11.2	15.5	20.0	24.5	28.9
-82.5°	0.0	1.4	2.8	4.3	5.7	7.1	8.4	12.1	16.4	20.5	24.5
-85°	0.0	0.9	1.9	2.8	3.8	4.7	5.6	8.1	11.1	14.5	18.3
-87.5°	0.0	0.5	0.9	1.4	1.9	2.4	2.8	4.1	5.6	7.3	9.2
-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°	0.0	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	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	3.1	3.7	2.3	0.0	0.0	0.0	0.7	0.0	0.0	0.0
65°	5.3	7.1	5.4	2.8	0.2	2.6	3.7	2.9	0.3	0.0	0.0
62.5°	10.1	8.6	6.0	4.5	6.2	8.2	6.4	3.7	1.0	5.2	7.6
60°	10.9	9.2	7.7	8.6	11.0	9.8	7.2	10.6	16.0	20.1	24.3
57.5°	10.9	10.1	9.9	11.8	12.4	12.4	19.2	25.6	36.2	45.0	51.0
55°	11.2	10.8	12.4	14.7	18.4	26.1	35.6	50.2	61.9	79.8	95.1
52.5°	12.4	12.3	16.6	22.3	33.0	45.0	61.9	82.4	105.7	123.2	141.7
50°	14.1	18.2	23.3	37.4	51.9	70.8	98.5	128.6	148.3	168.0	194.5
47.5°	19.4	24.7	38.3	54.7	75.8	105.8	144.1	165.7	185.1	216.0	249.1
45°	26.2	37.1	53.9	76.4	105.6	147.7	177.8	195.4	229.1	264.9	302.5
42.5°	33.4	51.2	74.0	97.8	143.7	183.7	210.9	239.0	272.9	314.7	355.6
40°	45.3	65.0	96.2	133.5	180.1	219.2	253.3	285.6	318.9	373.6	417.1
37.5°	57.4	86.2	121.2	167.7	216.2	258.8	297.0	337.5	385.0	446.7	485.9
35°	69.1	108.0	151.0	200.5	251.9	300.2	346.0	393.3	455.0	513.4	560.2
32.5°	85.6	130.4	178.8	232.2	285.2	339.8	395.6	452.1	512.8	572.6	633.8
30°	106.3	154.3	205.2	262.6	315.8	379.1	443.6	503.5	564.6	627.6	696.8
27.5°	127.1	176.6	231.7	289.6	345.5	417.6	487.2	549.6	612.4	680.2	759.1
25°	146.4	199.1	256.8	313.7	379.4	456.8	532.9	605.2	658.4	735.5	827.7
22.5°	164.9	221.1	283.0	335.4	412.1	496.3	584.8	662.6	725.6	794.5	899.1
20°	183.2	243.8	307.6	366.4	444.9	535.4	640.5	720.7	798.8	887.5	994.4
17.5°	200.7	264.9	331.9	401.6	484.6	578.3	697.6	779.4	872.6	978.8	1113.4
15°	217.2	284.4	356.3	434.6	520.3	621.2	736.3	838.3	949.8	1072.4	1231.5
12.5°	232.6	302.2	380.3	465.1	551.8	658.2	768.7	877.2	1005.6	1166.0	1366.1
10°	246.7	318.4	403.5	493.0	579.2	689.4	797.4	910.3	1045.6	1221.9	1451.0
7.5°	258.5	334.7	425.6	518.3	602.8	715.1	822.1	937.4	1079.2	1268.1	1508.1
5°	268.4	351.8	446.1	534.7	622.5	737.2	842.8	959.0	1105.9	1304.2	1548.9
2.5°	276.7	367.5	464.0	546.6	639.4	757.4	859.3	982.9	1133.0	1332.3	1587.2
0°	283.2	381.2	479.2	555.5	653.5	773.3	871.3	1002.0	1154.5	1350.5	1622.8
-2.5°	296.4	392.6	488.3	565.7	668.5	775.9	879.2	1004.7	1162.6	1364.7	1629.5
-5°	307.5	401.7	494.9	573.6	679.7	775.7	882.6	1002.4	1165.4	1372.8	1641.3
-7.5°	316.0	408.8	499.4	579.8	685.7	779.2	887.5	1010.2	1173.9	1380.2	1656.8
-10°	321.5	413.8	503.0	587.5	687.2	782.9	889.4	1011.9	1172.5	1375.4	1648.3
-12.5°	324.4	416.8	504.7	591.8	686.9	782.5	886.8	1007.2	1160.5	1358.2	1614.6
-15°	325.3	417.9	504.5	592.2	685.2	777.9	879.8	995.7	1138.8	1329.1	1561.8
-17.5°	324.4	417.3	502.4	588.6	682.8	768.9	868.9	980.3	1116.9	1294.8	1518.9
-20°	321.6	415.0	498.6	580.8	679.1	760.7	858.2	965.7	1094.2	1255.3	1455.8

Classified

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

Scaled Data Report



REPORT NUMBER: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	317.0	411.2	493.2	572.9	667.1	752.9	844.0	946.6	1061.7	1207.4	1385.4
-25°	311.8	403.4	486.3	566.7	653.3	741.2	826.2	923.7	1029.5	1169.5	1329.7
-27.5°	304.8	394.1	476.8	558.2	638.8	725.2	808.3	900.4	1005.2	1128.7	1271.8
-30°	294.8	380.8	463.6	546.6	626.0	707.2	787.5	875.3	974.0	1090.5	1222.6
-32.5°	282.0	366.0	447.0	529.1	611.7	689.2	764.8	849.1	941.8	1043.9	1169.7
-35°	269.1	350.0	429.0	507.3	594.3	669.1	741.8	819.2	905.4	1000.4	1102.8
-37.5°	257.1	332.9	410.0	483.8	566.2	644.1	715.0	788.4	868.1	955.2	1048.3
-40°	244.0	314.6	389.9	461.8	534.1	613.6	684.2	755.2	828.8	916.1	999.0
-42.5°	230.6	299.1	368.8	439.3	508.3	579.3	649.9	718.0	795.6	878.3	959.5
-45°	219.2	283.0	347.5	416.1	484.2	548.3	614.5	678.2	757.1	839.7	919.1
-47.5°	206.0	266.4	329.0	391.1	458.0	522.1	581.5	645.9	713.1	791.0	874.3
-50°	192.3	249.5	307.3	365.8	429.1	493.3	553.7	613.1	676.4	740.5	812.4
-52.5°	180.7	230.6	284.2	337.9	397.8	460.5	521.5	581.0	639.2	699.5	760.9
-55°	167.0	212.7	260.0	310.2	362.7	422.8	483.3	541.3	600.8	657.1	717.1
-57.5°	151.6	192.7	235.8	282.9	330.6	379.9	438.6	496.3	552.2	609.2	671.1
-60°	134.3	171.1	210.1	253.5	300.1	345.2	392.7	446.2	500.2	554.2	611.4
-62.5°	116.4	148.3	183.5	221.5	264.1	308.5	351.9	397.5	446.0	493.0	542.6
-65°	104.5	126.9	156.6	190.3	225.3	265.0	306.1	348.2	390.9	430.7	469.0
-67.5°	91.7	112.0	133.9	158.8	190.6	224.0	256.9	294.5	332.8	369.5	405.2
-70°	78.2	96.2	115.6	136.3	159.0	186.3	217.1	247.2	276.7	307.4	340.5
-72.5°	64.1	79.7	96.5	114.5	133.8	155.4	179.1	204.8	231.0	256.4	282.3
-75°	52.6	62.9	76.7	91.9	108.6	125.6	142.7	163.0	185.2	207.5	229.3
-77.5°	43.3	52.9	62.3	71.6	83.5	99.0	114.3	129.4	144.8	161.6	179.6
-80°	35.2	42.7	51.3	59.8	68.0	77.3	88.0	99.8	110.7	121.9	134.2
-82.5°	29.4	35.0	41.2	47.9	52.7	57.6	63.2	70.1	77.4	84.9	92.7
-85°	22.5	27.1	31.3	35.8	38.0	40.4	43.1	46.1	50.7	55.4	59.9
-87.5°	11.3	13.6	16.1	18.7	19.9	21.0	22.1	23.1	26.1	29.2	32.4
-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: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-NR-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°	0.0	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°	0.6	0.1	0.0	0.0	0.1	2.0	2.7	2.3	1.0	0.0	0.0
62.5°	6.4	5.3	8.4	11.3	12.4	12.1	11.1	9.9	8.5	7.8	8.9
60°	26.2	25.6	35.7	40.6	37.0	26.0	41.0	48.4	46.6	39.9	39.7
57.5°	63.9	77.6	87.6	92.0	106.5	129.8	134.2	126.5	123.8	126.3	145.9
55°	110.8	121.9	127.7	147.4	164.9	177.7	185.1	192.7	203.8	217.5	231.6
52.5°	156.7	171.9	183.5	201.2	222.3	229.6	227.6	254.5	275.6	289.0	294.6
50°	215.1	234.1	261.2	289.0	301.0	312.8	325.1	347.2	379.5	419.6	442.6
47.5°	278.2	308.1	336.6	368.2	384.2	396.7	415.2	453.8	499.6	542.8	565.3
45°	334.9	361.6	394.1	421.5	441.2	465.3	492.1	526.9	578.3	623.4	654.6
42.5°	380.5	410.6	444.0	477.1	497.2	529.7	570.3	617.7	671.5	718.5	753.2
40°	444.4	469.8	523.1	554.6	562.5	592.8	674.3	739.0	799.8	857.6	886.4
37.5°	521.7	571.2	626.6	655.2	683.2	736.7	845.8	950.3	1027.9	1106.1	1148.8
35°	609.3	674.6	750.0	783.7	843.9	960.6	1088.6	1234.1	1415.2	1491.0	1560.1
32.5°	694.6	767.6	837.1	912.7	1018.1	1157.4	1301.7	1537.6	1757.9	1928.4	2053.1
30°	770.2	847.6	933.9	1031.3	1179.5	1371.6	1612.6	1917.8	2228.3	2499.4	2728.6
27.5°	844.9	933.0	1035.6	1180.7	1389.4	1650.3	2035.1	2470.5	2988.8	3370.7	3826.7
25°	926.8	1027.5	1159.3	1369.7	1651.3	2041.3	2656.4	3363.5	4213.4	4902.5	5623.7
22.5°	1023.7	1172.5	1339.4	1574.2	2066.0	2708.6	3549.0	4757.4	6064.8	7273.7	8437.7
20°	1140.9	1344.2	1612.3	2044.3	2675.7	3625.7	5085.8	7014.5	8937.3	10985.0	12956.3
17.5°	1308.0	1601.1	2017.5	2632.4	3464.6	5343.8	7712.9	10695.9	14528.4	18001.4	21033.7
15°	1464.8	1814.9	2472.5	3391.7	4843.3	7333.9	10932.1	15855.7	21828.5	27272.0	33021.2
12.5°	1629.4	2042.8	2798.0	3968.4	5985.4	9227.8	14284.5	21030.8	28509.7	36713.6	46058.2
10°	1759.7	2261.7	3166.0	4649.8	7136.3	11173.9	17197.1	25378.9	35317.3	47458.5	62396.5
7.5°	1847.7	2437.2	3469.8	5148.7	8195.7	13164.1	20414.9	30249.2	42673.9	58758.5	79660.7
5°	1916.4	2571.1	3698.3	5603.7	9091.9	14683.4	22799.0	34514.0	49211.9	70762.3	106185.7
2.5°	1971.6	2673.6	3839.7	5916.8	9654.3	15741.3	24398.5	36926.8	53103.7	79637.1	125594.1
0°	2014.9	2766.4	3931.8	6110.1	10085.4	15847.0	24897.7	37368.4	54500.5	81238.9	129770.9
-2.5°	2033.3	2816.0	3963.5	6152.4	10042.3	16028.6	25050.1	37721.0	54448.0	80361.3	125106.0
-5°	2063.9	2815.2	3939.6	6109.2	9817.2	15559.1	24055.2	35747.4	51163.2	73449.7	110108.2
-7.5°	2085.9	2770.4	3825.5	5832.3	9227.8	14543.9	22307.2	32477.3	45184.8	62106.4	84810.2
-10°	2065.7	2684.2	3635.4	5368.0	8311.5	12915.5	19648.9	28160.4	38721.6	51261.9	66687.4
-12.5°	1988.0	2525.0	3325.1	4717.6	7124.8	11091.3	16974.5	24221.5	32038.3	40845.3	51504.6
-15°	1889.7	2353.6	3045.5	4271.4	6245.0	9283.3	13578.5	19457.5	25728.1	32414.9	39545.5
-17.5°	1813.2	2203.0	2776.0	3663.4	5115.1	7530.9	10906.2	15082.6	19690.6	24781.7	29007.1
-20°	1709.6	2017.6	2498.6	3223.3	4330.9	5931.5	8389.8	11423.9	14464.6	18044.1	20963.1

Classified

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

Scaled Data Report



REPORT NUMBER: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1605.8	1874.1	2240.1	2770.5	3594.6	4803.9	6322.7	8348.6	10572.2	12626.8	14649.2
-25°	1509.5	1716.2	2012.2	2447.3	3006.3	3831.6	4912.6	6074.8	7540.5	8791.2	10179.1
-27.5°	1431.5	1609.0	1827.4	2146.5	2580.2	3111.0	3885.2	4663.9	5434.7	6065.8	7021.4
-30°	1356.2	1499.1	1681.8	1909.2	2234.4	2643.5	3146.0	3651.2	4096.0	4501.8	4999.3
-32.5°	1282.3	1398.6	1538.6	1727.4	1960.8	2268.3	2577.2	2939.2	3248.4	3533.7	3797.8
-35°	1208.2	1311.7	1418.4	1577.6	1763.7	1982.1	2206.6	2451.9	2666.0	2858.2	3028.2
-37.5°	1141.3	1232.2	1332.6	1451.1	1601.0	1765.5	1948.8	2126.9	2268.3	2393.1	2496.2
-40°	1084.9	1167.5	1253.4	1348.3	1462.5	1592.2	1747.9	1896.3	1995.4	2071.6	2134.2
-42.5°	1034.4	1107.2	1180.4	1260.9	1348.5	1460.8	1583.8	1706.3	1773.5	1832.5	1877.8
-45°	993.9	1049.8	1111.4	1180.1	1257.7	1351.8	1448.4	1533.2	1592.9	1643.6	1681.3
-47.5°	940.4	994.2	1047.5	1104.3	1176.6	1255.0	1334.9	1400.1	1452.2	1496.4	1525.3
-50°	881.4	938.1	986.9	1036.9	1103.4	1169.9	1234.2	1288.0	1337.8	1381.1	1403.8
-52.5°	820.5	881.3	932.5	981.2	1037.0	1095.0	1153.1	1199.1	1242.6	1283.5	1300.7
-55°	776.5	832.5	885.5	931.3	977.3	1023.7	1071.1	1118.9	1162.0	1200.7	1212.2
-57.5°	729.1	786.1	838.4	879.6	921.2	963.0	1006.3	1049.5	1091.1	1128.2	1137.6
-60°	671.1	733.0	779.5	818.3	858.7	900.1	937.8	976.2	1014.9	1047.4	1057.8
-62.5°	597.6	653.9	699.8	740.7	779.7	815.7	852.4	888.4	923.1	948.7	957.1
-65°	509.4	557.2	604.6	647.4	685.8	720.5	754.4	787.2	818.8	841.4	852.6
-67.5°	439.8	474.3	512.3	549.1	587.8	623.4	654.0	682.9	710.0	729.1	741.0
-70°	372.7	405.5	441.1	476.2	509.8	538.8	563.2	587.0	610.1	627.0	639.7
-72.5°	308.5	336.2	366.0	397.0	427.7	453.9	476.3	497.5	517.5	532.0	543.7
-75°	250.5	273.5	298.5	323.6	348.5	369.3	388.0	406.3	423.9	436.8	447.5
-77.5°	198.7	218.1	237.8	257.4	277.0	292.2	305.9	319.3	332.4	342.5	351.8
-80°	147.3	162.5	178.1	193.8	209.5	221.0	231.3	241.2	250.4	256.4	261.7
-82.5°	100.6	111.3	122.2	133.3	144.4	152.9	161.1	169.2	177.1	179.9	181.9
-85°	64.3	69.6	75.3	81.3	87.6	92.3	96.8	101.1	105.1	108.9	112.5
-87.5°	35.7	36.8	37.8	38.7	39.5	42.8	46.1	49.4	52.6	53.2	53.7
-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: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-NR-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	1.0	2.3
62.5°	9.8	10.4	10.8	10.9	10.8	10.4	9.8	8.9	7.8	8.5	9.9
60°	37.3	33.2	32.4	32.7	32.4	33.2	37.3	39.7	39.9	46.6	48.4
57.5°	165.6	184.2	189.4	185.2	189.4	184.2	165.6	145.9	126.3	123.8	126.5
55°	241.2	247.0	249.6	250.5	249.6	247.0	241.2	231.6	217.5	203.8	192.7
52.5°	295.8	293.8	293.4	294.1	293.4	293.8	295.8	294.6	289.0	275.6	254.5
50°	444.4	436.3	433.1	435.7	433.1	436.3	444.4	442.6	419.6	379.5	347.2
47.5°	568.0	570.5	574.4	577.2	574.4	570.5	568.0	565.3	542.8	499.6	453.8
45°	663.4	669.2	673.2	675.3	673.2	669.2	663.4	654.6	623.4	578.3	526.9
42.5°	760.8	761.4	760.3	762.4	760.3	761.4	760.8	753.2	718.5	671.5	617.7
40°	898.1	901.0	898.0	893.1	898.0	901.0	898.1	886.4	857.6	799.8	739.0
37.5°	1173.7	1177.7	1164.7	1154.5	1164.7	1177.7	1173.7	1148.8	1106.1	1027.9	950.3
35°	1623.2	1669.7	1691.9	1699.1	1691.9	1669.7	1623.2	1560.1	1491.0	1415.2	1234.1
32.5°	2139.3	2204.1	2236.6	2265.4	2236.6	2204.1	2139.3	2053.1	1928.4	1757.9	1537.6
30°	2879.0	2998.4	3051.1	3125.8	3051.1	2998.4	2879.0	2728.6	2499.4	2228.3	1917.8
27.5°	4085.6	4295.7	4412.0	4519.9	4412.0	4295.7	4085.6	3826.7	3370.7	2988.8	2470.5
25°	6147.8	6552.4	6814.2	6937.8	6814.2	6552.4	6147.8	5623.7	4902.5	4213.4	3363.5
22.5°	9564.0	10309.9	10885.0	11000.3	10885.0	10309.9	9564.0	8437.7	7273.7	6064.8	4757.4
20°	14868.7	15935.8	16803.9	17241.1	16803.9	15935.8	14868.7	12956.3	10985.0	8937.3	7014.5
17.5°	24645.4	26865.0	27878.8	28045.3	27878.8	26865.0	24645.4	21033.7	18001.4	14528.4	10695.9
15°	39190.2	42946.1	45330.4	46865.7	45330.4	42946.1	39190.2	33021.2	27272.0	21828.5	15855.7
12.5°	55785.5	66457.8	72530.4	74845.6	72530.4	66457.8	55785.5	46058.2	36713.6	28509.7	21030.8
10°	78308.9	103432.9	117925.5	125218.3	117925.5	103432.9	78308.9	62396.5	47458.5	35317.3	25378.9
7.5°	116536.5	155340.9	198334.7	218225.4	198334.7	155340.9	116536.5	79660.7	58758.5	42673.9	30249.2
5°	156722.9	241921.6	316701.4	352510.8	316701.4	241921.6	156722.9	106185.7	70762.3	49211.9	34514.0
2.5°	202910.8	317809.4	424042.5	468711.1	424042.5	317809.4	202910.8	125594.1	79637.1	53103.7	36926.8
0°	220686.9	354525.7	470709.6	514552.9	470709.6	354525.7	220686.9	129770.9	81238.9	54500.5	37368.4
-2.5°	205658.8	323375.8	425867.6	475964.7	425867.6	323375.8	205658.8	125106.0	80361.3	54448.0	37721.0
-5°	163406.6	243255.1	319160.1	359982.3	319160.1	243255.1	163406.6	110108.2	73449.7	51163.2	35747.4
-7.5°	119930.2	163398.9	205553.8	220294.7	205553.8	163398.9	119930.2	84810.2	62106.4	45184.8	32477.3
-10°	83497.8	108389.5	124820.6	129509.5	124820.6	108389.5	83497.8	66687.4	51261.9	38721.6	28160.4
-12.5°	61905.3	72792.8	80368.3	81685.4	80368.3	72792.8	61905.3	51504.6	40845.3	32038.3	24221.5
-15°	45839.3	51376.0	55283.1	55546.1	55283.1	51376.0	45839.3	39545.5	32414.9	25728.1	19457.5
-17.5°	33508.7	37225.2	39197.0	39056.5	39197.0	37225.2	33508.7	29007.1	24781.7	19690.6	15082.6
-20°	23960.7	26200.9	27789.6	27479.0	27789.6	26200.9	23960.7	20963.1	18044.1	14464.6	11423.9



REPORT NUMBER: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16707.1	18194.2	19125.2	18885.7	19125.2	18194.2	16707.1	14649.2	12626.8	10572.2	8348.6
-25°	11352.2	12162.5	12623.6	12546.9	12623.6	12162.5	11352.2	10179.1	8791.2	7540.5	6074.8
-27.5°	7735.9	8163.9	8306.8	8299.2	8306.8	8163.9	7735.9	7021.4	6065.8	5434.7	4663.9
-30°	5369.3	5657.0	5821.5	5718.0	5821.5	5657.0	5369.3	4999.3	4501.8	4096.0	3651.2
-32.5°	4001.9	4164.1	4257.9	4160.5	4257.9	4164.1	4001.9	3797.8	3533.7	3248.4	2939.2
-35°	3153.9	3235.9	3269.0	3213.0	3269.0	3235.9	3153.9	3028.2	2858.2	2666.0	2451.9
-37.5°	2571.3	2619.4	2635.7	2603.0	2635.7	2619.4	2571.3	2496.2	2393.1	2268.3	2126.9
-40°	2178.7	2208.2	2215.5	2189.2	2215.5	2208.2	2178.7	2134.2	2071.6	1995.4	1896.3
-42.5°	1906.4	1924.0	1928.1	1916.9	1928.1	1924.0	1906.4	1877.8	1832.5	1773.5	1706.3
-45°	1703.7	1718.8	1721.6	1709.9	1721.6	1718.8	1703.7	1681.3	1643.6	1592.9	1533.2
-47.5°	1539.7	1549.0	1551.4	1546.6	1551.4	1549.0	1539.7	1525.3	1496.4	1452.2	1400.1
-50°	1414.1	1420.5	1421.1	1415.9	1421.1	1420.5	1414.1	1403.8	1381.1	1337.8	1288.0
-52.5°	1308.9	1313.4	1316.4	1317.9	1316.4	1313.4	1308.9	1300.7	1283.5	1242.6	1199.1
-55°	1220.3	1226.1	1229.5	1230.7	1229.5	1226.1	1220.3	1212.2	1200.7	1162.0	1118.9
-57.5°	1145.0	1150.3	1153.4	1154.5	1153.4	1150.3	1145.0	1137.6	1128.2	1091.1	1049.5
-60°	1066.3	1072.8	1076.8	1078.2	1076.8	1072.8	1066.3	1057.8	1047.4	1014.9	976.2
-62.5°	962.7	965.5	968.2	969.3	968.2	965.5	962.7	957.1	948.7	923.1	888.4
-65°	861.0	866.9	870.2	871.3	870.2	866.9	861.0	852.6	841.4	818.8	787.2
-67.5°	750.8	758.4	766.5	773.3	766.5	758.4	750.8	741.0	729.1	710.0	682.9
-70°	650.9	660.6	663.7	664.4	663.7	660.6	650.9	639.7	627.0	610.1	587.0
-72.5°	554.1	563.2	570.8	577.2	570.8	563.2	554.1	543.7	532.0	517.5	497.5
-75°	457.1	465.6	467.7	468.3	467.7	465.6	457.1	447.5	436.8	423.9	406.3
-77.5°	360.3	368.1	369.9	370.3	369.9	368.1	360.3	351.8	342.5	332.4	319.3
-80°	266.5	270.9	277.3	283.2	277.3	270.9	266.5	261.7	256.4	250.4	241.2
-82.5°	183.4	184.4	185.0	185.2	185.0	184.4	183.4	181.9	179.9	177.1	169.2
-85°	116.0	119.3	119.7	119.8	119.7	119.3	116.0	112.5	108.9	105.1	101.1
-87.5°	54.0	54.3	54.4	54.5	54.4	54.3	54.0	53.7	53.2	52.6	49.4
-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: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-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	0.0	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	0.7
65°	2.7	2.0	0.1	0.0	0.0	0.1	0.6	0.0	0.0	0.3	2.9
62.5°	11.1	12.1	12.4	11.3	8.4	5.3	6.4	7.6	5.2	1.0	3.7
60°	41.0	26.0	37.0	40.6	35.7	25.6	26.2	24.3	20.1	16.0	10.6
57.5°	134.2	129.8	106.5	92.0	87.6	77.6	63.9	51.0	45.0	36.2	25.6
55°	185.1	177.7	164.9	147.4	127.7	121.9	110.8	95.1	79.8	61.9	50.2
52.5°	227.6	229.6	222.3	201.2	183.5	171.9	156.7	141.7	123.2	105.7	82.4
50°	325.1	312.8	301.0	289.0	261.2	234.1	215.1	194.5	168.0	148.3	128.6
47.5°	415.2	396.7	384.2	368.2	336.6	308.1	278.2	249.1	216.0	185.1	165.7
45°	492.1	465.3	441.2	421.5	394.1	361.6	334.9	302.5	264.9	229.1	195.4
42.5°	570.3	529.7	497.2	477.1	444.0	410.6	380.5	355.6	314.7	272.9	239.0
40°	674.3	592.8	562.5	554.6	523.1	469.8	444.4	417.1	373.6	318.9	285.6
37.5°	845.8	736.7	683.2	655.2	626.6	571.2	521.7	485.9	446.7	385.0	337.5
35°	1088.6	960.6	843.9	783.7	750.0	674.6	609.3	560.2	513.4	455.0	393.3
32.5°	1301.7	1157.4	1018.1	912.7	837.1	767.6	694.6	633.8	572.6	512.8	452.1
30°	1612.6	1371.6	1179.5	1031.3	933.9	847.6	770.2	696.8	627.6	564.6	503.5
27.5°	2035.1	1650.3	1389.4	1180.7	1035.6	933.0	844.9	759.1	680.2	612.4	549.6
25°	2656.4	2041.3	1651.3	1369.7	1159.3	1027.5	926.8	827.7	735.5	658.4	605.2
22.5°	3549.0	2708.6	2066.0	1574.2	1339.4	1172.5	1023.7	899.1	794.5	725.6	662.6
20°	5085.8	3625.7	2675.7	2044.3	1612.3	1344.2	1140.9	994.4	887.5	798.8	720.7
17.5°	7712.9	5343.8	3464.6	2632.4	2017.5	1601.1	1308.0	1113.4	978.8	872.6	779.4
15°	10932.1	7333.9	4843.3	3391.7	2472.5	1814.9	1464.8	1231.5	1072.4	949.8	838.3
12.5°	14284.5	9227.8	5985.4	3968.4	2798.0	2042.8	1629.4	1366.1	1166.0	1005.6	877.2
10°	17197.1	11173.9	7136.3	4649.8	3166.0	2261.7	1759.7	1451.0	1221.9	1045.6	910.3
7.5°	20414.9	13164.1	8195.7	5148.7	3469.8	2437.2	1847.7	1508.1	1268.1	1079.2	937.4
5°	22799.0	14683.4	9091.9	5603.7	3698.3	2571.1	1916.4	1548.9	1304.2	1105.9	959.0
2.5°	24398.5	15741.3	9654.3	5916.8	3839.7	2673.6	1971.6	1587.2	1332.3	1133.0	982.9
0°	24897.7	15847.0	10085.4	6110.1	3931.8	2766.4	2014.9	1622.8	1350.5	1154.5	1002.0
-2.5°	25050.1	16028.6	10042.3	6152.4	3963.5	2816.0	2033.3	1629.5	1364.7	1162.6	1004.7
-5°	24055.2	15559.1	9817.2	6109.2	3939.6	2815.2	2063.9	1641.3	1372.8	1165.4	1002.4
-7.5°	22307.2	14543.9	9227.8	5832.3	3825.5	2770.4	2085.9	1656.8	1380.2	1173.9	1010.2
-10°	19648.9	12915.5	8311.5	5368.0	3635.4	2684.2	2065.7	1648.3	1375.4	1172.5	1011.9
-12.5°	16974.5	11091.3	7124.8	4717.6	3325.1	2525.0	1988.0	1614.6	1358.2	1160.5	1007.2
-15°	13578.5	9283.3	6245.0	4271.4	3045.5	2353.6	1889.7	1561.8	1329.1	1138.8	995.7
-17.5°	10906.2	7530.9	5115.1	3663.4	2776.0	2203.0	1813.2	1518.9	1294.8	1116.9	980.3
-20°	8389.8	5931.5	4330.9	3223.3	2498.6	2017.6	1709.6	1455.8	1255.3	1094.2	965.7

Classified

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

Scaled Data Report



REPORT NUMBER: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6322.7	4803.9	3594.6	2770.5	2240.1	1874.1	1605.8	1385.4	1207.4	1061.7	946.6
-25°	4912.6	3831.6	3006.3	2447.3	2012.2	1716.2	1509.5	1329.7	1169.5	1029.5	923.7
-27.5°	3885.2	3111.0	2580.2	2146.5	1827.4	1609.0	1431.5	1271.8	1128.7	1005.2	900.4
-30°	3146.0	2643.5	2234.4	1909.2	1681.8	1499.1	1356.2	1222.6	1090.5	974.0	875.3
-32.5°	2577.2	2268.3	1960.8	1727.4	1538.6	1398.6	1282.3	1169.7	1043.9	941.8	849.1
-35°	2206.6	1982.1	1763.7	1577.6	1418.4	1311.7	1208.2	1102.8	1000.4	905.4	819.2
-37.5°	1948.8	1765.5	1601.0	1451.1	1332.6	1232.2	1141.3	1048.3	955.2	868.1	788.4
-40°	1747.9	1592.2	1462.5	1348.3	1253.4	1167.5	1084.9	999.0	916.1	828.8	755.2
-42.5°	1583.8	1460.8	1348.5	1260.9	1180.4	1107.2	1034.4	959.5	878.3	795.6	718.0
-45°	1448.4	1351.8	1257.7	1180.1	1111.4	1049.8	993.9	919.1	839.7	757.1	678.2
-47.5°	1334.9	1255.0	1176.6	1104.3	1047.5	994.2	940.4	874.3	791.0	713.1	645.9
-50°	1234.2	1169.9	1103.4	1036.9	986.9	938.1	881.4	812.4	740.5	676.4	613.1
-52.5°	1153.1	1095.0	1037.0	981.2	932.5	881.3	820.5	760.9	699.5	639.2	581.0
-55°	1071.1	1023.7	977.3	931.3	885.5	832.5	776.5	717.1	657.1	600.8	541.3
-57.5°	1006.3	963.0	921.2	879.6	838.4	786.1	729.1	671.1	609.2	552.2	496.3
-60°	937.8	900.1	858.7	818.3	779.5	733.0	671.1	611.4	554.2	500.2	446.2
-62.5°	852.4	815.7	779.7	740.7	699.8	653.9	597.6	542.6	493.0	446.0	397.5
-65°	754.4	720.5	685.8	647.4	604.6	557.2	509.4	469.0	430.7	390.9	348.2
-67.5°	654.0	623.4	587.8	549.1	512.3	474.3	439.8	405.2	369.5	332.8	294.5
-70°	563.2	538.8	509.8	476.2	441.1	405.5	372.7	340.5	307.4	276.7	247.2
-72.5°	476.3	453.9	427.7	397.0	366.0	336.2	308.5	282.3	256.4	231.0	204.8
-75°	388.0	369.3	348.5	323.6	298.5	273.5	250.5	229.3	207.5	185.2	163.0
-77.5°	305.9	292.2	277.0	257.4	237.8	218.1	198.7	179.6	161.6	144.8	129.4
-80°	231.3	221.0	209.5	193.8	178.1	162.5	147.3	134.2	121.9	110.7	99.8
-82.5°	161.1	152.9	144.4	133.3	122.2	111.3	100.6	92.7	84.9	77.4	70.1
-85°	96.8	92.3	87.6	81.3	75.3	69.6	64.3	59.9	55.4	50.7	46.1
-87.5°	46.1	42.8	39.5	38.7	37.8	36.8	35.7	32.4	29.2	26.1	23.1
-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: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-NR-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°	0.0	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	0.1	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4	2.3	0.7
70°	0.0	0.0	0.0	0.9	1.1	0.0	0.0	1.5	4.1	4.6	3.3
67.5°	0.0	0.0	0.0	2.3	3.7	3.1	0.7	1.8	4.4	7.0	6.1
65°	3.7	2.6	0.2	2.8	5.4	7.1	5.3	3.3	4.8	7.4	9.1
62.5°	6.4	8.2	6.2	4.5	6.0	8.6	10.1	6.8	5.7	7.7	10.2
60°	7.2	9.8	11.0	8.6	7.7	9.2	10.9	10.0	7.9	8.2	10.6
57.5°	19.2	12.4	12.4	11.8	9.9	10.1	10.9	10.9	9.7	9.2	10.9
55°	35.6	26.1	18.4	14.7	12.4	10.8	11.2	10.9	10.9	10.1	10.9
52.5°	61.9	45.0	33.0	22.3	16.6	12.3	12.4	10.9	10.9	10.7	10.9
50°	98.5	70.8	51.9	37.4	23.3	18.2	14.1	12.7	10.9	10.9	10.9
47.5°	144.1	105.8	75.8	54.7	38.3	24.7	19.4	15.1	10.9	10.9	10.9
45°	177.8	147.7	105.6	76.4	53.9	37.1	26.2	17.9	13.5	11.3	10.9
42.5°	210.9	183.7	143.7	97.8	74.0	51.2	33.4	24.1	16.6	12.0	11.3
40°	253.3	219.2	180.1	133.5	96.2	65.0	45.3	31.1	20.0	13.9	12.2
37.5°	297.0	258.8	216.2	167.7	121.2	86.2	57.4	38.3	25.2	17.7	13.2
35°	346.0	300.2	251.9	200.5	151.0	108.0	69.1	47.0	32.1	21.7	14.5
32.5°	395.6	339.8	285.2	232.2	178.8	130.4	85.6	58.2	38.7	25.9	16.0
30°	443.6	379.1	315.8	262.6	205.2	154.3	106.3	70.4	45.1	30.3	18.1
27.5°	487.2	417.6	345.5	289.6	231.7	176.6	127.1	83.6	51.3	35.1	21.6
25°	532.9	456.8	379.4	313.7	256.8	199.1	146.4	97.7	60.4	40.3	25.2
22.5°	584.8	496.3	412.1	335.4	283.0	221.1	164.9	114.4	71.3	45.2	28.7
20°	640.5	535.4	444.9	366.4	307.6	243.8	183.2	129.8	82.5	49.9	32.2
17.5°	697.6	578.3	484.6	401.6	331.9	264.9	200.7	143.8	93.6	54.2	35.6
15°	736.3	621.2	520.3	434.6	356.3	284.4	217.2	156.5	104.7	58.3	39.0
12.5°	768.7	658.2	551.8	465.1	380.3	302.2	232.6	167.9	115.4	63.8	42.3
10°	797.4	689.4	579.2	493.0	403.5	318.4	246.7	178.0	125.4	70.8	45.3
7.5°	822.1	715.1	602.8	518.3	425.6	334.7	258.5	186.8	134.0	78.0	48.0
5°	842.8	737.2	622.5	534.7	446.1	351.8	268.4	194.6	141.4	85.0	50.5
2.5°	859.3	757.4	639.4	546.6	464.0	367.5	276.7	201.3	147.5	91.7	52.6
0°	871.3	773.3	653.5	555.5	479.2	381.2	283.2	206.9	152.5	98.0	54.5
-2.5°	879.2	775.9	668.5	565.7	488.3	392.6	296.4	213.9	156.5	103.6	57.8
-5°	882.6	775.7	679.7	573.6	494.9	401.7	307.5	219.7	159.7	108.4	60.7
-7.5°	887.5	779.2	685.7	579.8	499.4	408.8	316.0	224.0	162.1	112.3	63.4
-10°	889.4	782.9	687.2	587.5	503.0	413.8	321.5	226.7	163.9	115.1	65.7
-12.5°	886.8	782.5	686.9	591.8	504.7	416.8	324.4	231.0	165.5	116.9	67.7
-15°	879.8	777.9	685.2	592.2	504.5	417.9	325.3	234.9	168.8	117.3	69.4
-17.5°	868.9	768.9	682.8	588.6	502.4	417.3	324.4	236.7	170.5	116.5	71.1
-20°	858.2	760.7	679.1	580.8	498.6	415.0	321.6	236.3	170.5	114.8	72.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	844.0	752.9	667.1	572.9	493.2	411.2	317.0	233.6	168.5	112.2	73.4
-25°	826.2	741.2	653.3	566.7	486.3	403.4	311.8	228.5	164.6	108.8	73.8
-27.5°	808.3	725.2	638.8	558.2	476.8	394.1	304.8	223.6	159.0	104.4	73.5
-30°	787.5	707.2	626.0	546.6	463.6	380.8	294.8	216.2	153.2	102.2	72.7
-32.5°	764.8	689.2	611.7	529.1	447.0	366.0	282.0	205.9	146.3	100.9	71.9
-35°	741.8	669.1	594.3	507.3	429.0	350.0	269.1	192.8	138.5	98.9	70.9
-37.5°	715.0	644.1	566.2	483.8	410.0	332.9	257.1	185.3	129.9	96.0	69.6
-40°	684.2	613.6	534.1	461.8	389.9	314.6	244.0	178.5	124.3	92.3	67.9
-42.5°	649.9	579.3	508.3	439.3	368.8	299.1	230.6	170.1	121.8	89.4	66.0
-45°	614.5	548.3	484.2	416.1	347.5	283.0	219.2	160.8	118.1	86.8	63.9
-47.5°	581.5	522.1	458.0	391.1	329.0	266.4	206.0	154.6	112.9	83.8	61.8
-50°	553.7	493.3	429.1	365.8	307.3	249.5	192.3	146.6	108.7	80.6	59.1
-52.5°	521.5	460.5	397.8	337.9	284.2	230.6	180.7	137.0	102.6	76.6	55.9
-55°	483.3	422.8	362.7	310.2	260.0	212.7	167.0	127.1	95.0	72.0	52.2
-57.5°	438.6	379.9	330.6	282.9	235.8	192.7	151.6	115.1	88.1	66.9	48.1
-60°	392.7	345.2	300.1	253.5	210.1	171.1	134.3	103.1	81.0	61.1	43.4
-62.5°	351.9	308.5	264.1	221.5	183.5	148.3	116.4	93.9	73.3	54.8	38.4
-65°	306.1	265.0	225.3	190.3	156.6	126.9	104.5	83.8	65.0	48.0	33.8
-67.5°	256.9	224.0	190.6	158.8	133.9	112.0	91.7	73.1	56.0	40.7	31.0
-70°	217.1	186.3	159.0	136.3	115.6	96.2	78.2	61.7	46.6	36.4	28.0
-72.5°	179.1	155.4	133.8	114.5	96.5	79.7	64.1	50.6	40.6	31.9	24.7
-75°	142.7	125.6	108.6	91.9	76.7	62.9	52.6	42.6	34.2	27.1	21.6
-77.5°	114.3	99.0	83.5	71.6	62.3	52.9	43.3	34.2	28.4	23.5	18.6
-80°	88.0	77.3	68.0	59.8	51.3	42.7	35.2	28.9	24.5	20.0	15.5
-82.5°	63.2	57.6	52.7	47.9	41.2	35.0	29.4	24.5	20.5	16.4	12.1
-85°	43.1	40.4	38.0	35.8	31.3	27.1	22.5	18.3	14.5	11.1	8.1
-87.5°	22.1	21.0	19.9	18.7	16.1	13.6	11.3	9.2	7.3	5.6	4.1
-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: P628018 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-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°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
80°	0.0	0.0	0.0	0.0	0.1	1.0	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	1.2	0.0
75°	0.3	0.9	0.2	0.0	0.2	1.5	0.0
72.5°	0.6	1.6	1.2	0.0	0.3	1.7	0.0
70°	1.3	2.5	2.2	0.2	0.4	2.0	0.0
67.5°	3.9	3.4	3.3	1.3	0.6	2.2	0.0
65°	6.3	4.7	4.4	2.4	0.9	2.5	0.0
62.5°	8.6	6.2	5.6	3.5	1.1	2.8	0.0
60°	10.7	7.6	6.8	4.6	1.5	3.1	0.0
57.5°	10.9	8.9	7.7	5.7	2.4	3.4	0.0
55°	10.9	10.0	8.4	6.9	3.3	3.7	0.0
52.5°	10.9	10.9	9.0	8.1	4.1	4.0	0.0
50°	10.9	10.9	9.6	9.3	4.9	4.3	0.0
47.5°	10.9	10.9	10.1	10.3	5.7	4.6	0.0
45°	10.9	10.9	10.5	10.6	6.4	5.0	0.0
42.5°	10.9	10.9	10.8	10.8	7.0	5.3	0.0
40°	10.9	10.9	10.9	10.9	7.6	5.7	0.0
37.5°	10.9	10.9	10.9	10.9	8.1	6.0	0.0
35°	10.9	10.9	10.9	10.9	8.6	6.4	0.0
32.5°	11.2	10.9	10.9	10.9	9.1	6.7	0.0
30°	12.4	10.9	10.9	10.9	9.4	7.1	0.0
27.5°	13.6	10.9	10.9	10.9	9.8	7.4	0.0
25°	14.9	10.9	10.9	10.9	10.0	7.8	0.0
22.5°	16.2	11.1	10.9	10.9	10.3	8.1	0.0
20°	17.6	11.9	10.9	10.9	10.4	8.5	0.0
17.5°	19.6	12.9	10.9	10.9	10.6	8.8	0.0
15°	21.8	14.0	10.9	10.9	10.7	9.2	0.0
12.5°	23.9	15.2	10.9	10.9	10.8	9.5	0.0
10°	25.9	16.5	10.9	10.9	10.8	9.8	0.0
7.5°	27.8	17.9	10.9	10.9	10.9	10.1	0.0
5°	29.5	19.2	10.9	10.9	10.9	10.4	0.0
2.5°	31.2	20.5	10.9	10.9	10.9	10.7	0.0
0°	32.7	21.8	10.9	10.9	10.9	10.9	0.0
-2.5°	35.5	23.0	11.9	10.9	10.9	10.9	0.0
-5°	38.2	24.0	12.8	10.9	10.9	10.9	0.0
-7.5°	40.6	24.9	13.7	10.9	10.9	10.8	0.0
-10°	42.8	25.8	14.5	10.9	10.9	10.7	0.0
-12.5°	44.5	26.5	15.2	10.9	10.9	10.6	0.0
-15°	45.9	27.1	15.8	10.9	10.9	10.5	0.0
-17.5°	46.8	27.6	16.3	10.9	10.9	10.4	0.0
-20°	47.5	27.9	16.6	10.9	10.9	10.2	0.0

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CATALOG NUMBER: GFLD-SA6E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	48.1	28.2	16.7	10.9	10.9	10.1	0.0
-25°	48.4	28.9	16.7	10.9	10.9	9.9	0.0
-27.5°	48.4	29.6	16.4	10.9	10.9	9.7	0.0
-30°	48.1	30.1	16.0	10.9	10.9	9.4	0.0
-32.5°	47.5	30.3	16.0	10.9	10.9	9.2	0.0
-35°	47.4	30.3	15.8	10.9	10.9	8.9	0.0
-37.5°	47.2	30.0	15.4	10.9	10.9	8.6	0.0
-40°	46.6	29.4	14.8	10.9	10.9	8.3	0.0
-42.5°	45.6	28.5	14.7	11.0	10.9	8.0	0.0
-45°	44.3	27.3	15.1	11.3	10.9	7.7	0.0
-47.5°	42.5	25.9	15.3	11.5	10.9	7.4	0.0
-50°	40.3	24.2	15.5	11.7	10.9	7.0	0.0
-52.5°	37.8	22.2	15.5	11.8	10.9	6.6	0.0
-55°	34.8	21.6	15.4	11.8	10.9	6.3	0.0
-57.5°	31.6	21.1	15.2	11.8	10.9	5.9	0.0
-60°	28.3	20.4	14.9	11.7	10.9	5.4	0.0
-62.5°	26.8	19.5	14.5	11.6	10.1	5.0	0.0
-65°	25.2	18.5	13.9	11.4	9.2	4.6	0.0
-67.5°	23.3	17.4	13.3	11.2	8.3	4.2	0.0
-70°	21.2	16.0	12.6	11.0	7.4	3.7	0.0
-72.5°	18.9	14.6	11.9	9.8	6.5	3.3	0.0
-75°	16.5	13.1	11.1	8.4	5.6	2.8	0.0
-77.5°	13.9	11.5	9.4	7.1	4.7	2.4	0.0
-80°	11.2	9.4	7.5	5.7	3.8	1.9	0.0
-82.5°	8.4	7.1	5.7	4.3	2.8	1.4	0.0
-85°	5.6	4.7	3.8	2.8	1.9	0.9	0.0
-87.5°	2.8	2.4	1.9	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)