

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: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627778 (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-SA5E-750-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

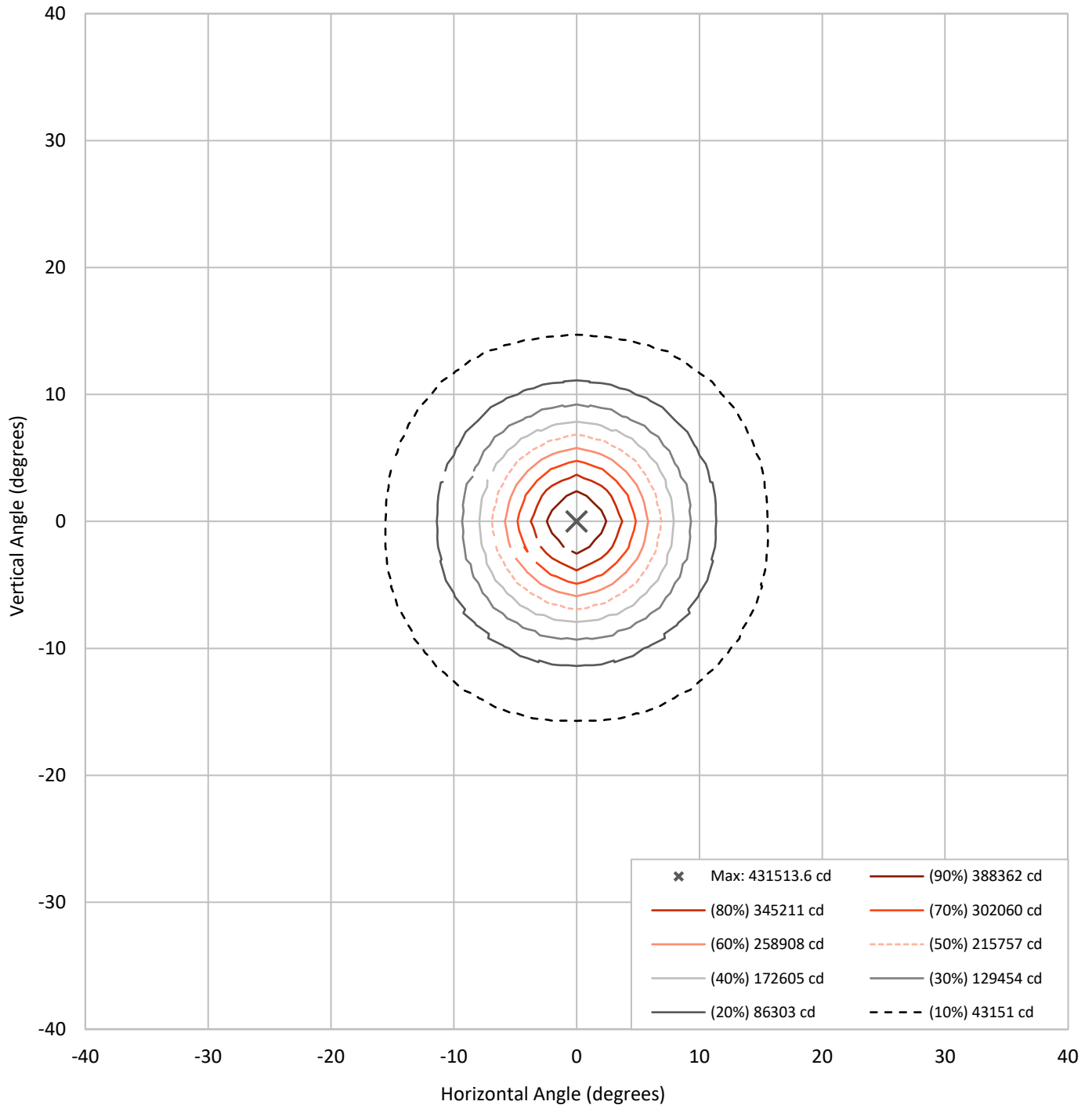
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	42569.7 lumens	Max Intensity:	431513.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.7 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:	13590.2 lumens	Field Lumens:	30269.7 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	313.7		
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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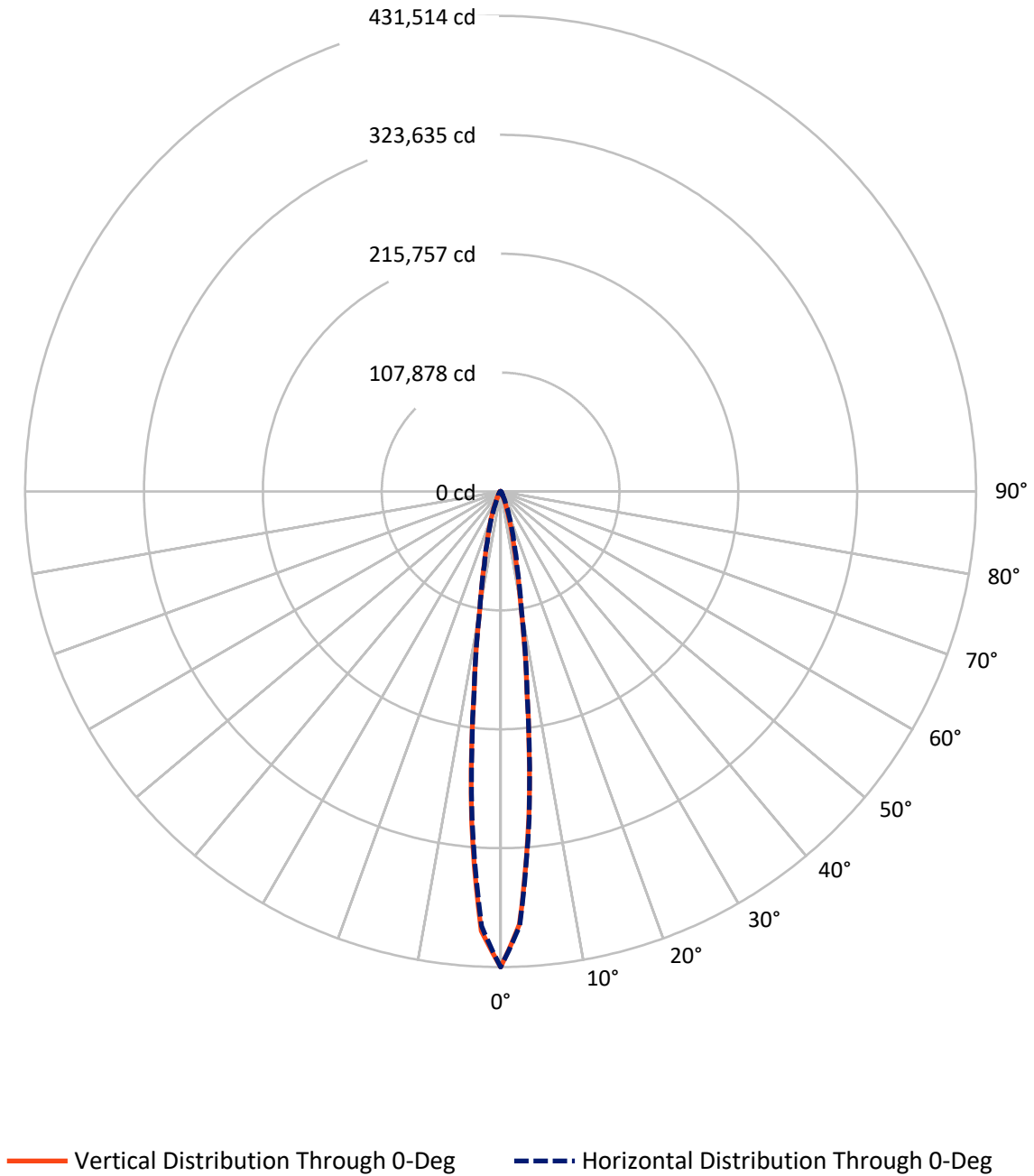
Lumen Table

90	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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
60		0.1	0.3	1.0	2.4	3.8	5.0	6.0	6.0	5.0	3.8	2.4	1.0	0.3	0.1	0.1	0.1	
50	0.2	0.2	1.3	3.7	6.9	10.2	14.4	16.9	16.9	14.4	10.2	6.9	3.7	1.3	0.2	0.2	0.2	0.2
40		0.6	3.0	7.2	12.9	20.4	34.6	44.1	44.1	34.6	20.4	12.9	7.2	3.0	0.6	0.6	0.6	
30	0.4	1.2	4.7	11.0	19.9	43.3	115.6	191.5	191.5	115.6	43.3	19.9	11.0	4.7	1.2	1.2	1.2	0.4
20		1.8	6.5	15.2	32.9	129.4	545.7	1199.5	1199.5	545.7	129.4	32.9	15.2	6.5	1.8	1.8	1.8	
10	0.6	2.3	7.9	17.8	44.7	243.0	1307.6	5864.3	5864.3	1307.6	243.0	44.7	17.8	7.9	2.3	2.3	2.3	0.6
0		2.6	8.6	18.8	48.0	258.9	1353.5	5963.8	5963.8	1353.5	258.9	48.0	18.8	8.6	2.6	2.6	2.6	
-10	0.8	2.8	8.8	18.4	42.2	164.7	657.0	1405.3	1405.3	657.0	164.7	42.2	18.4	8.8	2.8	2.8	2.8	0.8
-20		2.7	8.4	16.9	32.5	77.0	202.4	337.4	337.4	202.4	77.0	32.5	16.9	8.4	2.7	2.7	2.7	
-30	0.7	2.3	7.5	14.9	25.5	42.3	68.8	87.4	87.4	68.8	42.3	25.5	14.9	7.5	2.3	2.3	2.3	0.7
-40		1.9	6.2	12.4	20.6	29.5	39.7	44.3	44.3	39.7	29.5	20.6	12.4	6.2	1.9	1.9	1.9	
-50	0.5	1.5	4.6	9.7	16.2	22.7	28.7	31.3	31.3	28.7	22.7	16.2	9.7	4.6	1.5	1.5	1.5	0.5
-60		0.9	2.9	6.3	10.9	15.8	20.0	21.9	21.9	20.0	15.8	10.9	6.3	2.9	0.9	0.9	0.9	
-70	0.2	0.9	2.9	6.3	10.9	15.8	20.0	21.9	21.9	20.0	15.8	10.9	6.3	2.9	0.9	0.9	0.9	0.2
-80		0.2	2.6	10.7	23.5	29.8	23.5	10.7	2.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
-90	0.2	2.6	10.7	23.5	29.8	23.5	10.7	2.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	

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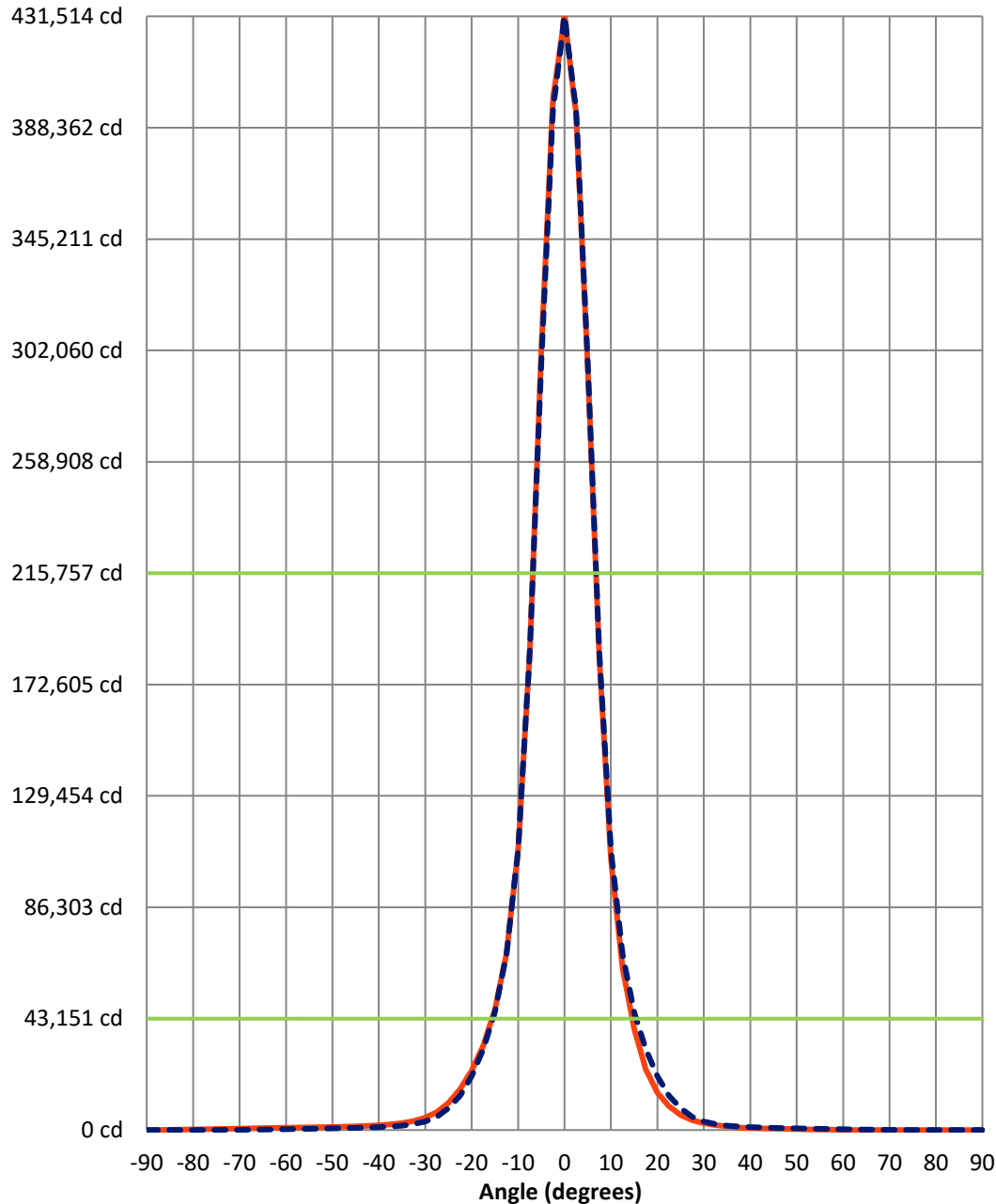
CATALOG NUMBER: GFLD-SA5E-750-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 13590.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 30269.7
 Efficiency: 71.1%

Spill:
 Lumens: 12299.9
 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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	1.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.2	0.2	0.0	0.1	0.8	0.2	0.0	0.2	0.8	0.4
72.5°	0.0	1.4	0.3	0.0	1.0	1.4	0.5	0.6	1.9	2.0	0.9
70°	0.0	1.6	0.4	0.2	1.8	2.1	1.1	2.8	3.8	3.4	1.2
67.5°	0.0	1.9	0.5	1.1	2.7	2.8	3.2	5.1	5.8	3.7	1.5
65°	0.0	2.1	0.7	2.0	3.7	3.9	5.3	7.6	6.1	4.0	2.7
62.5°	0.0	2.3	0.9	2.9	4.7	5.2	7.2	8.5	6.5	4.7	5.7
60°	0.0	2.6	1.2	3.8	5.7	6.4	8.9	8.9	6.8	6.6	8.3
57.5°	0.0	2.8	2.0	4.8	6.4	7.4	9.1	9.1	7.7	8.1	9.1
55°	0.0	3.1	2.7	5.8	7.0	8.4	9.1	9.1	8.4	9.1	9.1
52.5°	0.0	3.3	3.4	6.8	7.6	9.1	9.1	9.1	8.9	9.1	9.1
50°	0.0	3.6	4.1	7.8	8.0	9.1	9.1	9.1	9.1	9.1	10.6
47.5°	0.0	3.9	4.7	8.6	8.4	9.1	9.1	9.1	9.1	9.1	12.6
45°	0.0	4.2	5.3	8.8	8.8	9.1	9.1	9.1	9.4	11.3	15.0
42.5°	0.0	4.4	5.9	9.0	9.0	9.1	9.1	9.4	10.0	13.9	20.2
40°	0.0	4.7	6.4	9.1	9.1	9.1	9.1	10.2	11.6	16.8	26.0
37.5°	0.0	5.0	6.8	9.1	9.1	9.1	9.1	11.1	14.8	21.1	32.1
35°	0.0	5.3	7.2	9.1	9.1	9.1	9.1	12.2	18.2	26.9	39.3
32.5°	0.0	5.6	7.6	9.1	9.1	9.1	9.4	13.4	21.7	32.5	48.8
30°	0.0	5.9	7.9	9.1	9.1	9.1	10.3	15.2	25.4	37.8	59.1
27.5°	0.0	6.2	8.1	9.1	9.1	9.1	11.4	18.1	29.4	43.0	70.1
25°	0.0	6.5	8.4	9.1	9.1	9.1	12.5	21.1	33.8	50.6	81.9
22.5°	0.0	6.8	8.6	9.1	9.1	9.3	13.6	24.0	37.9	59.8	95.9
20°	0.0	7.1	8.7	9.1	9.1	9.9	14.8	26.9	41.8	69.2	108.8
17.5°	0.0	7.4	8.8	9.1	9.1	10.8	16.4	29.8	45.5	78.5	120.6
15°	0.0	7.7	8.9	9.1	9.1	11.7	18.3	32.6	48.9	87.8	131.2
12.5°	0.0	7.9	9.0	9.1	9.1	12.7	20.0	35.4	53.5	96.8	140.8
10°	0.0	8.2	9.1	9.1	9.1	13.8	21.7	37.9	59.4	105.2	149.2
7.5°	0.0	8.4	9.1	9.1	9.1	15.0	23.3	40.2	65.4	112.4	156.7
5°	0.0	8.7	9.1	9.1	9.1	16.1	24.8	42.3	71.3	118.5	163.2
2.5°	0.0	8.9	9.1	9.1	9.1	17.2	26.1	44.1	77.0	123.7	168.8
0°	0.0	9.1	9.1	9.1	9.1	18.3	27.4	45.7	82.2	127.9	173.5
-2.5°	0.0	9.1	9.1	9.1	9.9	19.3	29.8	48.4	86.9	131.3	179.4
-5°	0.0	9.1	9.1	9.1	10.7	20.1	32.0	50.9	90.9	133.9	184.2
-7.5°	0.0	9.0	9.1	9.1	11.4	20.9	34.1	53.2	94.1	135.9	187.8
-10°	0.0	9.0	9.1	9.1	12.1	21.6	35.8	55.1	96.6	137.4	190.1
-12.5°	0.0	8.9	9.1	9.1	12.7	22.2	37.3	56.8	98.0	138.7	193.7
-15°	0.0	8.8	9.1	9.1	13.2	22.7	38.5	58.2	98.4	141.5	197.0
-17.5°	0.0	8.7	9.1	9.1	13.6	23.1	39.3	59.6	97.7	143.0	198.5
-20°	0.0	8.6	9.1	9.1	13.9	23.4	39.8	60.8	96.3	142.9	198.2

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Scaled Data Report



REPORT NUMBER: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	8.4	9.1	9.1	14.0	23.6	40.3	61.6	94.1	141.3	195.9
-25°	0.0	8.2	9.1	9.1	14.0	24.2	40.5	61.9	91.2	138.0	191.6
-27.5°	0.0	8.1	9.1	9.1	13.8	24.8	40.5	61.7	87.6	133.4	187.5
-30°	0.0	7.9	9.1	9.1	13.4	25.2	40.3	61.0	85.7	128.4	181.3
-32.5°	0.0	7.7	9.1	9.1	13.4	25.4	39.8	60.3	84.6	122.7	172.7
-35°	0.0	7.5	9.1	9.1	13.2	25.4	39.7	59.5	82.9	116.2	161.7
-37.5°	0.0	7.2	9.1	9.1	12.9	25.1	39.6	58.3	80.5	108.9	155.4
-40°	0.0	7.0	9.1	9.1	12.4	24.6	39.1	57.0	77.5	104.2	149.7
-42.5°	0.0	6.7	9.1	9.2	12.3	23.9	38.3	55.3	75.0	102.1	142.6
-45°	0.0	6.4	9.1	9.4	12.6	22.9	37.1	53.6	72.8	99.0	134.8
-47.5°	0.0	6.1	9.1	9.6	12.8	21.7	35.6	51.8	70.3	94.7	129.6
-50°	0.0	5.8	9.1	9.7	13.0	20.3	33.8	49.5	67.6	91.1	122.9
-52.5°	0.0	5.5	9.1	9.8	13.0	18.6	31.7	46.9	64.2	86.1	114.9
-55°	0.0	5.2	9.1	9.9	12.9	18.1	29.2	43.8	60.4	79.6	106.6
-57.5°	0.0	4.9	9.1	9.8	12.7	17.7	26.5	40.3	56.1	73.9	96.6
-60°	0.0	4.5	9.1	9.8	12.5	17.1	23.7	36.4	51.3	68.0	86.5
-62.5°	0.0	4.2	8.4	9.7	12.1	16.4	22.5	32.2	46.0	61.5	78.7
-65°	0.0	3.8	7.7	9.5	11.7	15.5	21.1	28.3	40.3	54.5	70.3
-67.5°	0.0	3.5	7.0	9.4	11.2	14.5	19.5	26.0	34.1	47.0	61.3
-70°	0.0	3.1	6.2	9.1	10.6	13.4	17.8	23.5	30.5	39.1	51.7
-72.5°	0.0	2.7	5.5	8.2	9.9	12.2	15.8	20.7	26.7	34.0	42.4
-75°	0.0	2.4	4.7	7.0	9.2	11.0	13.8	18.1	22.7	28.7	35.7
-77.5°	0.0	2.0	3.9	5.9	7.8	9.6	11.6	15.6	19.7	23.8	28.7
-80°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	13.0	16.8	20.5	24.2
-82.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	10.1	13.8	17.2	20.5
-85°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	6.8	9.3	12.2	15.4
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.4	4.7	6.1	7.7
-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	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	2.6	3.1	1.9	0.0	0.0	0.0	0.6	0.0	0.0	0.0
65°	4.4	5.9	4.5	2.4	0.2	2.2	3.1	2.4	0.3	0.0	0.0
62.5°	8.4	7.2	5.0	3.8	5.1	6.9	5.4	3.1	0.8	4.4	6.4
60°	9.1	7.7	6.4	7.2	9.2	8.2	6.0	8.9	13.4	16.9	20.4
57.5°	9.1	8.4	8.2	9.8	10.3	10.3	16.0	21.5	30.4	37.7	42.7
55°	9.4	9.0	10.3	12.3	15.4	21.8	29.8	42.1	51.9	66.9	79.7
52.5°	10.3	10.3	13.9	18.7	27.6	37.7	51.9	69.1	88.7	103.3	118.8
50°	11.8	15.3	19.5	31.4	43.6	59.4	82.6	107.8	124.3	140.8	163.1
47.5°	16.2	20.7	32.2	45.9	63.5	88.8	120.8	139.0	155.2	181.1	208.9
45°	21.9	31.1	45.2	64.1	88.5	123.8	149.1	163.9	192.1	222.2	253.7
42.5°	28.0	42.9	62.1	82.1	120.5	154.1	176.9	200.4	228.9	264.0	298.2
40°	38.0	54.5	80.6	111.9	151.0	183.8	212.5	239.5	267.4	313.3	349.8
37.5°	48.1	72.3	101.7	140.6	181.3	217.1	249.1	283.0	322.9	374.7	407.5
35°	57.9	90.6	126.6	168.1	211.3	251.7	290.2	329.8	381.6	430.6	469.7
32.5°	71.8	109.4	149.9	194.7	239.2	285.0	331.7	379.1	430.1	480.2	531.5
30°	89.1	129.4	172.1	220.2	264.9	317.9	372.0	422.3	473.5	526.3	584.3
27.5°	106.6	148.1	194.3	242.9	289.7	350.3	408.6	461.0	513.6	570.4	636.6
25°	122.7	167.0	215.3	263.1	318.2	383.1	446.9	507.5	552.1	616.8	694.1
22.5°	138.2	185.4	237.3	281.3	345.6	416.2	490.5	555.7	608.5	666.2	754.0
20°	153.6	204.4	257.9	307.3	373.1	449.0	537.2	604.4	669.9	744.3	833.9
17.5°	168.3	222.1	278.3	336.8	406.4	484.9	585.1	653.6	731.7	820.9	933.7
15°	182.1	238.5	298.7	364.5	436.4	520.9	617.5	703.0	796.5	899.4	1032.7
12.5°	195.0	253.4	318.9	390.0	462.7	552.0	644.7	735.6	843.3	977.9	1145.7
10°	206.9	267.0	338.3	413.5	485.7	578.1	668.7	763.4	876.9	1024.7	1216.8
7.5°	216.8	280.6	356.9	434.7	505.5	599.7	689.4	786.2	905.1	1063.5	1264.7
5°	225.1	295.0	374.1	448.4	522.0	618.2	706.8	804.3	927.5	1093.8	1298.9
2.5°	232.0	308.2	389.1	458.4	536.2	635.2	720.6	824.3	950.2	1117.3	1331.0
0°	237.5	319.7	401.9	465.8	548.0	648.5	730.7	840.3	968.2	1132.6	1360.9
-2.5°	248.6	329.2	409.5	474.4	560.6	650.7	737.4	842.6	975.0	1144.5	1366.5
-5°	257.9	336.9	415.1	481.0	570.0	650.4	740.2	840.6	977.3	1151.3	1376.4
-7.5°	265.0	342.8	418.8	486.2	575.1	653.4	744.3	847.2	984.4	1157.5	1389.4
-10°	269.6	347.0	421.8	492.7	576.4	656.6	745.9	848.6	983.2	1153.5	1382.3
-12.5°	272.0	349.5	423.2	496.3	576.1	656.3	743.7	844.6	973.2	1139.0	1354.1
-15°	272.8	350.4	423.0	496.6	574.7	652.4	737.9	835.1	955.1	1114.6	1309.7
-17.5°	272.0	349.9	421.3	493.6	572.6	644.9	728.8	822.2	936.7	1085.8	1273.7
-20°	269.7	348.0	418.1	487.0	569.5	637.9	719.7	809.9	917.6	1052.7	1220.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	265.9	344.7	413.6	480.4	559.4	631.4	707.8	793.8	890.4	1012.5	1161.8
-25°	261.5	338.3	407.8	475.3	547.9	621.5	692.8	774.6	863.3	980.7	1115.1
-27.5°	255.6	330.4	399.8	468.1	535.7	608.2	677.9	755.0	842.9	946.5	1066.6
-30°	247.2	319.3	388.7	458.4	525.0	593.1	660.4	734.0	816.7	914.4	1025.3
-32.5°	236.5	307.0	374.8	443.7	513.0	578.0	641.4	712.1	789.7	875.4	980.9
-35°	225.7	293.5	359.8	425.4	498.5	561.1	622.1	687.0	759.3	838.9	924.9
-37.5°	215.6	279.1	343.8	405.7	474.9	540.2	599.6	661.2	728.0	801.0	879.1
-40°	204.6	263.8	326.9	387.2	448.0	514.6	573.8	633.3	695.1	768.3	837.7
-42.5°	193.3	250.9	309.2	368.3	426.3	485.9	545.0	602.1	667.2	736.6	804.7
-45°	183.8	237.3	291.4	348.9	406.0	459.9	515.4	568.7	634.9	704.2	770.8
-47.5°	172.7	223.4	275.9	328.0	384.0	437.9	487.8	541.7	598.0	663.4	733.3
-50°	161.3	209.2	257.7	306.8	359.9	413.7	464.4	514.2	567.3	621.0	681.3
-52.5°	151.5	193.4	238.3	283.4	333.6	386.2	437.4	487.3	536.1	586.6	638.1
-55°	140.0	178.3	218.0	260.1	304.2	354.5	405.3	454.0	503.9	551.1	601.5
-57.5°	127.1	161.6	197.7	237.2	277.2	318.6	367.8	416.2	463.1	510.9	562.9
-60°	112.6	143.4	176.2	212.6	251.6	289.5	329.3	374.2	419.5	464.8	512.8
-62.5°	97.7	124.4	153.9	185.7	221.5	258.7	295.1	333.3	374.0	413.4	455.1
-65°	87.7	106.5	131.3	159.5	189.0	222.2	256.7	291.9	327.8	361.2	393.3
-67.5°	77.0	94.0	112.3	133.1	159.8	187.9	215.4	247.0	279.1	309.8	339.8
-70°	65.7	80.8	97.0	114.3	133.3	156.3	182.0	207.3	232.0	257.8	285.5
-72.5°	53.8	66.9	81.0	96.1	112.3	130.3	150.2	171.8	193.8	215.1	236.7
-75°	44.1	52.8	64.3	77.0	91.0	105.3	119.7	136.7	155.3	174.0	192.3
-77.5°	36.3	44.3	52.2	60.0	70.0	83.0	95.9	108.5	121.5	135.6	150.6
-80°	29.5	35.8	43.0	50.2	57.0	64.8	73.8	83.7	92.9	102.3	112.5
-82.5°	24.7	29.4	34.5	40.2	44.2	48.3	53.0	58.8	64.9	71.2	77.7
-85°	18.9	22.7	26.2	30.0	31.8	33.9	36.2	38.7	42.6	46.4	50.2
-87.5°	9.5	11.4	13.5	15.7	16.7	17.6	18.5	19.4	21.9	24.5	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: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	0.5	0.1	0.0	0.0	0.1	1.7	2.3	1.9	0.9	0.0	0.0
62.5°	5.4	4.4	7.1	9.4	10.4	10.1	9.3	8.3	7.1	6.5	7.5
60°	21.9	21.5	30.0	34.1	31.0	21.9	34.4	40.6	39.0	33.5	33.3
57.5°	53.6	65.1	73.5	77.1	89.3	108.8	112.5	106.1	103.8	105.9	122.3
55°	92.9	102.2	107.1	123.6	138.3	149.0	155.2	161.6	170.9	182.4	194.2
52.5°	131.4	144.1	153.9	168.8	186.4	192.5	190.8	213.5	231.1	242.4	247.0
50°	180.4	196.4	219.1	242.3	252.4	262.3	272.6	291.2	318.2	351.9	371.2
47.5°	233.3	258.4	282.2	308.8	322.2	332.6	348.1	380.5	419.0	455.3	474.1
45°	280.9	303.2	330.5	353.5	370.1	390.2	412.7	441.8	485.0	522.8	548.9
42.5°	319.1	344.3	372.4	400.2	417.0	444.2	478.3	518.0	563.1	602.5	631.6
40°	372.7	394.0	438.7	465.1	471.8	497.2	565.5	619.8	670.7	719.2	743.3
37.5°	437.5	479.1	525.5	549.5	573.0	617.9	709.3	797.0	862.0	927.6	963.4
35°	511.0	565.7	628.9	657.2	707.7	805.6	912.9	1034.9	1186.8	1250.4	1308.3
32.5°	582.5	643.7	702.0	765.5	853.7	970.6	1091.6	1289.4	1474.2	1617.2	1721.7
30°	645.9	710.8	783.2	864.8	989.2	1150.2	1352.4	1608.4	1868.7	2096.0	2288.2
27.5°	708.5	782.4	868.5	990.2	1165.2	1384.0	1706.7	2071.9	2506.5	2826.7	3209.2
25°	777.2	861.7	972.2	1148.7	1384.8	1711.8	2227.7	2820.7	3533.5	4111.3	4716.2
22.5°	858.5	983.3	1123.3	1320.1	1732.5	2271.4	2976.2	3989.7	5086.1	6099.8	7076.0
20°	956.7	1127.3	1352.1	1714.3	2243.9	3040.6	4265.0	5882.5	7494.9	9212.2	10865.3
17.5°	1096.9	1342.7	1691.9	2207.5	2905.5	4481.4	6468.1	8969.8	12183.7	15096.3	17639.3
15°	1228.4	1522.0	2073.5	2844.3	4061.7	6150.3	9167.8	13296.9	18305.8	22870.8	27692.2
12.5°	1366.4	1713.1	2346.5	3328.0	5019.5	7738.6	11979.2	17636.8	23908.8	30788.8	38625.3
10°	1475.7	1896.7	2655.1	3899.4	5984.6	9370.6	14421.8	21283.2	29617.8	39799.6	52326.9
7.5°	1549.5	2043.9	2909.9	4317.8	6873.0	11039.7	17120.4	25367.5	35787.2	49275.9	66804.9
5°	1607.1	2156.2	3101.5	4699.3	7624.6	12313.8	19119.7	28944.1	41270.1	59342.6	89049.3
2.5°	1653.4	2242.2	3220.0	4962.0	8096.4	13201.0	20461.0	30967.5	44533.8	66785.2	105325.6
0°	1689.7	2320.0	3297.3	5124.0	8457.8	13289.6	20879.7	31337.8	45705.2	68128.4	108828.3
-2.5°	1705.2	2361.6	3323.8	5159.6	8421.7	13441.9	21007.5	31633.5	45661.1	67392.4	104916.2
-5°	1730.9	2360.9	3303.8	5123.3	8232.9	13048.1	20173.2	29978.4	42906.4	61596.2	92338.8
-7.5°	1749.3	2323.3	3208.1	4891.1	7738.6	12196.8	18707.2	27236.1	37892.8	52083.5	71123.4
-10°	1732.4	2251.0	3048.7	4501.7	6970.2	10831.2	16478.0	23615.8	32472.6	42989.1	55925.2
-12.5°	1667.2	2117.6	2788.5	3956.2	5975.0	9301.4	14235.2	20312.6	26867.9	34253.6	43192.7
-15°	1584.8	1973.8	2554.0	3582.1	5237.2	7785.2	11387.2	16317.4	21576.0	27183.7	33163.6
-17.5°	1520.6	1847.5	2328.0	3072.2	4289.6	6315.5	9146.1	12648.5	16512.9	20782.3	24325.9
-20°	1433.7	1692.0	2095.4	2703.2	3632.0	4974.3	7035.8	9580.3	12130.3	15132.1	17580.1



REPORT NUMBER: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	1346.7	1571.7	1878.6	2323.4	3014.5	4028.6	5302.3	7001.3	8866.1	10589.1	12285.1
-25°	1265.9	1439.2	1687.5	2052.4	2521.2	3213.2	4119.8	5094.5	6323.6	7372.5	8536.4
-27.5°	1200.5	1349.4	1532.6	1800.1	2163.8	2609.0	3258.2	3911.2	4557.7	5087.0	5888.3
-30°	1137.3	1257.2	1410.4	1601.2	1873.8	2216.9	2638.3	3062.0	3435.0	3775.3	4192.6
-32.5°	1075.3	1172.9	1290.4	1448.7	1644.4	1902.2	2161.2	2464.9	2724.2	2963.5	3184.9
-35°	1013.2	1100.0	1189.5	1323.0	1479.1	1662.2	1850.5	2056.2	2235.8	2396.9	2539.5
-37.5°	957.1	1033.3	1117.5	1216.9	1342.7	1480.5	1634.3	1783.7	1902.3	2006.9	2093.4
-40°	909.8	979.1	1051.1	1130.7	1226.4	1335.3	1465.8	1590.3	1673.4	1737.3	1789.8
-42.5°	867.5	928.5	989.9	1057.4	1130.9	1225.1	1328.2	1431.0	1487.3	1536.8	1574.7
-45°	833.5	880.3	932.0	989.7	1054.7	1133.6	1214.7	1285.8	1335.8	1378.4	1410.0
-47.5°	788.7	833.7	878.5	926.1	986.7	1052.5	1119.5	1174.2	1217.9	1254.9	1279.1
-50°	739.2	786.7	827.7	869.5	925.3	981.1	1035.0	1080.2	1121.9	1158.2	1177.3
-52.5°	688.1	739.1	782.1	822.9	869.7	918.3	967.0	1005.6	1042.1	1076.4	1090.8
-55°	651.2	698.2	742.6	781.0	819.6	858.5	898.3	938.3	974.5	1006.9	1016.6
-57.5°	611.5	659.3	703.2	737.7	772.5	807.6	843.9	880.1	915.0	946.2	954.0
-60°	562.8	614.7	653.7	686.3	720.1	754.8	786.4	818.7	851.1	878.3	887.1
-62.5°	501.1	548.4	586.9	621.2	653.9	684.0	714.9	745.0	774.2	795.6	802.7
-65°	427.2	467.3	507.0	542.9	575.2	604.3	632.7	660.2	686.7	705.6	715.0
-67.5°	368.8	397.7	429.6	460.5	492.9	522.9	548.5	572.7	595.4	611.4	621.5
-70°	312.5	340.0	369.9	399.4	427.6	451.9	472.3	492.3	511.6	525.8	536.5
-72.5°	258.7	282.0	306.9	332.9	358.6	380.7	399.5	417.2	434.0	446.1	456.0
-75°	210.1	229.3	250.3	271.3	292.2	309.6	325.4	340.7	355.6	366.3	375.3
-77.5°	166.7	183.0	199.4	215.9	232.3	245.0	256.5	267.8	278.8	287.3	295.0
-80°	123.5	136.3	149.4	162.5	175.6	185.3	194.0	202.2	210.0	215.0	219.4
-82.5°	84.4	93.3	102.5	111.8	121.1	128.2	135.1	141.9	148.5	150.9	152.6
-85°	53.9	58.3	63.1	68.2	73.5	77.4	81.2	84.7	88.1	91.3	94.3
-87.5°	29.9	30.8	31.6	32.4	33.1	35.8	38.6	41.4	44.1	44.6	45.0
-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: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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	0.9	1.9
62.5°	8.2	8.7	9.0	9.1	9.0	8.7	8.2	7.5	6.5	7.1	8.3
60°	31.2	27.8	27.2	27.4	27.2	27.8	31.2	33.3	33.5	39.0	40.6
57.5°	138.9	154.5	158.8	155.3	158.8	154.5	138.9	122.3	105.9	103.8	106.1
55°	202.3	207.1	209.3	210.1	209.3	207.1	202.3	194.2	182.4	170.9	161.6
52.5°	248.0	246.4	246.0	246.6	246.0	246.4	248.0	247.0	242.4	231.1	213.5
50°	372.7	365.8	363.1	365.3	363.1	365.8	372.7	371.2	351.9	318.2	291.2
47.5°	476.4	478.5	481.7	484.1	481.7	478.5	476.4	474.1	455.3	419.0	380.5
45°	556.3	561.2	564.5	566.3	564.5	561.2	556.3	548.9	522.8	485.0	441.8
42.5°	638.0	638.6	637.7	639.4	637.7	638.6	638.0	631.6	602.5	563.1	518.0
40°	753.1	755.6	753.0	749.0	753.0	755.6	753.1	743.3	719.2	670.7	619.8
37.5°	984.3	987.6	976.7	968.2	976.7	987.6	984.3	963.4	927.6	862.0	797.0
35°	1361.2	1400.3	1418.9	1424.9	1418.9	1400.3	1361.2	1308.3	1250.4	1186.8	1034.9
32.5°	1794.0	1848.4	1875.7	1899.8	1875.7	1848.4	1794.0	1721.7	1617.2	1474.2	1289.4
30°	2414.3	2514.5	2558.7	2621.4	2558.7	2514.5	2414.3	2288.2	2096.0	1868.7	1608.4
27.5°	3426.3	3602.4	3699.9	3790.5	3699.9	3602.4	3426.3	3209.2	2826.7	2506.5	2071.9
25°	5155.7	5495.0	5714.5	5818.2	5714.5	5495.0	5155.7	4716.2	4111.3	3533.5	2820.7
22.5°	8020.6	8646.0	9128.4	9225.1	9128.4	8646.0	8020.6	7076.0	6099.8	5086.1	3989.7
20°	12469.2	13364.1	14092.1	14458.7	14092.1	13364.1	12469.2	10865.3	9212.2	7494.9	5882.5
17.5°	20668.1	22529.5	23379.7	23519.3	23379.7	22529.5	20668.1	17639.3	15096.3	12183.7	8969.8
15°	32865.6	36015.4	38014.9	39302.4	38014.9	36015.4	32865.6	27692.2	22870.8	18305.8	13296.9
12.5°	46782.7	55732.7	60825.3	62766.9	60825.3	55732.7	46782.7	38625.3	30788.8	23908.8	17636.8
10°	65671.3	86740.8	98894.6	105010.4	98894.6	86740.8	65671.3	52326.9	39799.6	29617.8	21283.2
7.5°	97729.7	130271.8	166327.1	183007.9	166327.1	130271.8	97729.7	66804.9	49275.9	35787.2	25367.5
5°	131430.8	202880.0	265591.6	295622.1	265591.6	202880.0	131430.8	89049.3	59342.6	41270.1	28944.1
2.5°	170164.7	266520.8	355609.9	393069.8	355609.9	266520.8	170164.7	105325.6	66785.2	44533.8	30967.5
0°	185072.1	297311.8	394745.8	431513.6	394745.8	297311.8	185072.1	108828.3	68128.4	45705.2	31337.8
-2.5°	172469.3	271188.9	357140.5	399152.8	357140.5	271188.9	172469.3	104916.2	67392.4	45661.1	31633.5
-5°	137035.8	203998.2	267653.6	301887.8	267653.6	203998.2	137035.8	92338.8	61596.2	42906.4	29978.4
-7.5°	100575.7	137029.4	172381.3	184743.3	172381.3	137029.4	100575.7	71123.4	52083.5	37892.8	27236.1
-10°	70022.9	90897.4	104676.9	108609.1	104676.9	90897.4	70022.9	55925.2	42989.1	32472.6	23615.8
-12.5°	51914.9	61045.4	67398.3	68502.9	67398.3	61045.4	51914.9	43192.7	34253.6	26867.9	20312.6
-15°	38441.7	43084.9	46361.4	46582.0	46361.4	43084.9	38441.7	33163.6	27183.7	21576.0	16317.4
-17.5°	28101.0	31217.8	32871.3	32753.5	32871.3	31217.8	28101.0	24325.9	20782.3	16512.9	12648.5
-20°	20093.8	21972.5	23304.9	23044.4	23304.9	21972.5	20093.8	17580.1	15132.1	12130.3	9580.3



REPORT NUMBER: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	14010.9	15258.0	16038.7	15837.9	16038.7	15258.0	14010.9	12285.1	10589.1	8866.1	7001.3
-25°	9520.2	10199.7	10586.4	10522.0	10586.4	10199.7	9520.2	8536.4	7372.5	6323.6	5094.5
-27.5°	6487.5	6846.4	6966.2	6959.9	6966.2	6846.4	6487.5	5888.3	5087.0	4557.7	3911.2
-30°	4502.8	4744.1	4882.0	4795.2	4882.0	4744.1	4502.8	4192.6	3775.3	3435.0	3062.0
-32.5°	3356.1	3492.1	3570.8	3489.1	3570.8	3492.1	3356.1	3184.9	2963.5	2724.2	2464.9
-35°	2644.9	2713.7	2741.4	2694.4	2741.4	2713.7	2644.9	2539.5	2396.9	2235.8	2056.2
-37.5°	2156.3	2196.6	2210.3	2183.0	2210.3	2196.6	2156.3	2093.4	2006.9	1902.3	1783.7
-40°	1827.2	1851.9	1858.0	1835.9	1858.0	1851.9	1827.2	1789.8	1737.3	1673.4	1590.3
-42.5°	1598.7	1613.5	1616.9	1607.5	1616.9	1613.5	1598.7	1574.7	1536.8	1487.3	1431.0
-45°	1428.8	1441.4	1443.8	1434.0	1443.8	1441.4	1428.8	1410.0	1378.4	1335.8	1285.8
-47.5°	1291.2	1299.0	1301.0	1297.0	1301.0	1299.0	1291.2	1279.1	1254.9	1217.9	1174.2
-50°	1185.9	1191.2	1191.7	1187.4	1191.7	1191.2	1185.9	1177.3	1158.2	1121.9	1080.2
-52.5°	1097.6	1101.4	1104.0	1105.2	1104.0	1101.4	1097.6	1090.8	1076.4	1042.1	1005.6
-55°	1023.3	1028.2	1031.1	1032.1	1031.1	1028.2	1023.3	1016.6	1006.9	974.5	938.3
-57.5°	960.2	964.6	967.3	968.2	967.3	964.6	960.2	954.0	946.2	915.0	880.1
-60°	894.3	899.6	903.1	904.2	903.1	899.6	894.3	887.1	878.3	851.1	818.7
-62.5°	807.3	809.7	812.0	812.9	812.0	809.7	807.3	802.7	795.6	774.2	745.0
-65°	722.1	727.0	729.8	730.7	729.8	727.0	722.1	715.0	705.6	686.7	660.2
-67.5°	629.6	636.0	642.8	648.5	642.8	636.0	629.6	621.5	611.4	595.4	572.7
-70°	545.9	554.0	556.6	557.2	556.6	554.0	545.9	536.5	525.8	511.6	492.3
-72.5°	464.7	472.3	478.7	484.1	478.7	472.3	464.7	456.0	446.1	434.0	417.2
-75°	383.4	390.6	392.3	392.8	392.3	390.6	383.4	375.3	366.3	355.6	340.7
-77.5°	302.2	308.7	310.1	310.5	310.1	308.7	302.2	295.0	287.3	278.8	267.8
-80°	223.5	227.1	232.5	237.5	232.5	227.1	223.5	219.4	215.0	210.0	202.2
-82.5°	153.8	154.7	155.1	155.3	155.1	154.7	153.8	152.6	150.9	148.5	141.9
-85°	97.3	100.1	100.4	100.5	100.4	100.1	97.3	94.3	91.3	88.1	84.7
-87.5°	45.3	45.5	45.7	45.7	45.7	45.5	45.3	45.0	44.6	44.1	41.4
-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: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	0.6
65°	2.3	1.7	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.3	2.4
62.5°	9.3	10.1	10.4	9.4	7.1	4.4	5.4	6.4	4.4	0.8	3.1
60°	34.4	21.9	31.0	34.1	30.0	21.5	21.9	20.4	16.9	13.4	8.9
57.5°	112.5	108.8	89.3	77.1	73.5	65.1	53.6	42.7	37.7	30.4	21.5
55°	155.2	149.0	138.3	123.6	107.1	102.2	92.9	79.7	66.9	51.9	42.1
52.5°	190.8	192.5	186.4	168.8	153.9	144.1	131.4	118.8	103.3	88.7	69.1
50°	272.6	262.3	252.4	242.3	219.1	196.4	180.4	163.1	140.8	124.3	107.8
47.5°	348.1	332.6	322.2	308.8	282.2	258.4	233.3	208.9	181.1	155.2	139.0
45°	412.7	390.2	370.1	353.5	330.5	303.2	280.9	253.7	222.2	192.1	163.9
42.5°	478.3	444.2	417.0	400.2	372.4	344.3	319.1	298.2	264.0	228.9	200.4
40°	565.5	497.2	471.8	465.1	438.7	394.0	372.7	349.8	313.3	267.4	239.5
37.5°	709.3	617.9	573.0	549.5	525.5	479.1	437.5	407.5	374.7	322.9	283.0
35°	912.9	805.6	707.7	657.2	628.9	565.7	511.0	469.7	430.6	381.6	329.8
32.5°	1091.6	970.6	853.7	765.5	702.0	643.7	582.5	531.5	480.2	430.1	379.1
30°	1352.4	1150.2	989.2	864.8	783.2	710.8	645.9	584.3	526.3	473.5	422.3
27.5°	1706.7	1384.0	1165.2	990.2	868.5	782.4	708.5	636.6	570.4	513.6	461.0
25°	2227.7	1711.8	1384.8	1148.7	972.2	861.7	777.2	694.1	616.8	552.1	507.5
22.5°	2976.2	2271.4	1732.5	1320.1	1123.3	983.3	858.5	754.0	666.2	608.5	555.7
20°	4265.0	3040.6	2243.9	1714.3	1352.1	1127.3	956.7	833.9	744.3	669.9	604.4
17.5°	6468.1	4481.4	2905.5	2207.5	1691.9	1342.7	1096.9	933.7	820.9	731.7	653.6
15°	9167.8	6150.3	4061.7	2844.3	2073.5	1522.0	1228.4	1032.7	899.4	796.5	703.0
12.5°	11979.2	7738.6	5019.5	3328.0	2346.5	1713.1	1366.4	1145.7	977.9	843.3	735.6
10°	14421.8	9370.6	5984.6	3899.4	2655.1	1896.7	1475.7	1216.8	1024.7	876.9	763.4
7.5°	17120.4	11039.7	6873.0	4317.8	2909.9	2043.9	1549.5	1264.7	1063.5	905.1	786.2
5°	19119.7	12313.8	7624.6	4699.3	3101.5	2156.2	1607.1	1298.9	1093.8	927.5	804.3
2.5°	20461.0	13201.0	8096.4	4962.0	3220.0	2242.2	1653.4	1331.0	1117.3	950.2	824.3
0°	20879.7	13289.6	8457.8	5124.0	3297.3	2320.0	1689.7	1360.9	1132.6	968.2	840.3
-2.5°	21007.5	13441.9	8421.7	5159.6	3323.8	2361.6	1705.2	1366.5	1144.5	975.0	842.6
-5°	20173.2	13048.1	8232.9	5123.3	3303.8	2360.9	1730.9	1376.4	1151.3	977.3	840.6
-7.5°	18707.2	12196.8	7738.6	4891.1	3208.1	2323.3	1749.3	1389.4	1157.5	984.4	847.2
-10°	16478.0	10831.2	6970.2	4501.7	3048.7	2251.0	1732.4	1382.3	1153.5	983.2	848.6
-12.5°	14235.2	9301.4	5975.0	3956.2	2788.5	2117.6	1667.2	1354.1	1139.0	973.2	844.6
-15°	11387.2	7785.2	5237.2	3582.1	2554.0	1973.8	1584.8	1309.7	1114.6	955.1	835.1
-17.5°	9146.1	6315.5	4289.6	3072.2	2328.0	1847.5	1520.6	1273.7	1085.8	936.7	822.2
-20°	7035.8	4974.3	3632.0	2703.2	2095.4	1692.0	1433.7	1220.8	1052.7	917.6	809.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	5302.3	4028.6	3014.5	2323.4	1878.6	1571.7	1346.7	1161.8	1012.5	890.4	793.8
-25°	4119.8	3213.2	2521.2	2052.4	1687.5	1439.2	1265.9	1115.1	980.7	863.3	774.6
-27.5°	3258.2	2609.0	2163.8	1800.1	1532.6	1349.4	1200.5	1066.6	946.5	842.9	755.0
-30°	2638.3	2216.9	1873.8	1601.2	1410.4	1257.2	1137.3	1025.3	914.4	816.7	734.0
-32.5°	2161.2	1902.2	1644.4	1448.7	1290.4	1172.9	1075.3	980.9	875.4	789.7	712.1
-35°	1850.5	1662.2	1479.1	1323.0	1189.5	1100.0	1013.2	924.9	838.9	759.3	687.0
-37.5°	1634.3	1480.5	1342.7	1216.9	1117.5	1033.3	957.1	879.1	801.0	728.0	661.2
-40°	1465.8	1335.3	1226.4	1130.7	1051.1	979.1	909.8	837.7	768.3	695.1	633.3
-42.5°	1328.2	1225.1	1130.9	1057.4	989.9	928.5	867.5	804.7	736.6	667.2	602.1
-45°	1214.7	1133.6	1054.7	989.7	932.0	880.3	833.5	770.8	704.2	634.9	568.7
-47.5°	1119.5	1052.5	986.7	926.1	878.5	833.7	788.7	733.3	663.4	598.0	541.7
-50°	1035.0	981.1	925.3	869.5	827.7	786.7	739.2	681.3	621.0	567.3	514.2
-52.5°	967.0	918.3	869.7	822.9	782.1	739.1	688.1	638.1	586.6	536.1	487.3
-55°	898.3	858.5	819.6	781.0	742.6	698.2	651.2	601.5	551.1	503.9	454.0
-57.5°	843.9	807.6	772.5	737.7	703.2	659.3	611.5	562.9	510.9	463.1	416.2
-60°	786.4	754.8	720.1	686.3	653.7	614.7	562.8	512.8	464.8	419.5	374.2
-62.5°	714.9	684.0	653.9	621.2	586.9	548.4	501.1	455.1	413.4	374.0	333.3
-65°	632.7	604.3	575.2	542.9	507.0	467.3	427.2	393.3	361.2	327.8	291.9
-67.5°	548.5	522.9	492.9	460.5	429.6	397.7	368.8	339.8	309.8	279.1	247.0
-70°	472.3	451.9	427.6	399.4	369.9	340.0	312.5	285.5	257.8	232.0	207.3
-72.5°	399.5	380.7	358.6	332.9	306.9	282.0	258.7	236.7	215.1	193.8	171.8
-75°	325.4	309.6	292.2	271.3	250.3	229.3	210.1	192.3	174.0	155.3	136.7
-77.5°	256.5	245.0	232.3	215.9	199.4	183.0	166.7	150.6	135.6	121.5	108.5
-80°	194.0	185.3	175.6	162.5	149.4	136.3	123.5	112.5	102.3	92.9	83.7
-82.5°	135.1	128.2	121.1	111.8	102.5	93.3	84.4	77.7	71.2	64.9	58.8
-85°	81.2	77.4	73.5	68.2	63.1	58.3	53.9	50.2	46.4	42.6	38.7
-87.5°	38.6	35.8	33.1	32.4	31.6	30.8	29.9	27.1	24.5	21.9	19.4
-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: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.0	1.9	0.6
70°	0.0	0.0	0.0	0.8	0.9	0.0	0.0	1.2	3.4	3.8	2.8
67.5°	0.0	0.0	0.0	1.9	3.1	2.6	0.6	1.5	3.7	5.8	5.1
65°	3.1	2.2	0.2	2.4	4.5	5.9	4.4	2.7	4.0	6.1	7.6
62.5°	5.4	6.9	5.1	3.8	5.0	7.2	8.4	5.7	4.7	6.5	8.5
60°	6.0	8.2	9.2	7.2	6.4	7.7	9.1	8.3	6.6	6.8	8.9
57.5°	16.0	10.3	10.3	9.8	8.2	8.4	9.1	9.1	8.1	7.7	9.1
55°	29.8	21.8	15.4	12.3	10.3	9.0	9.4	9.1	9.1	8.4	9.1
52.5°	51.9	37.7	27.6	18.7	13.9	10.3	10.3	9.1	9.1	8.9	9.1
50°	82.6	59.4	43.6	31.4	19.5	15.3	11.8	10.6	9.1	9.1	9.1
47.5°	120.8	88.8	63.5	45.9	32.2	20.7	16.2	12.6	9.1	9.1	9.1
45°	149.1	123.8	88.5	64.1	45.2	31.1	21.9	15.0	11.3	9.4	9.1
42.5°	176.9	154.1	120.5	82.1	62.1	42.9	28.0	20.2	13.9	10.0	9.4
40°	212.5	183.8	151.0	111.9	80.6	54.5	38.0	26.0	16.8	11.6	10.2
37.5°	249.1	217.1	181.3	140.6	101.7	72.3	48.1	32.1	21.1	14.8	11.1
35°	290.2	251.7	211.3	168.1	126.6	90.6	57.9	39.3	26.9	18.2	12.2
32.5°	331.7	285.0	239.2	194.7	149.9	109.4	71.8	48.8	32.5	21.7	13.4
30°	372.0	317.9	264.9	220.2	172.1	129.4	89.1	59.1	37.8	25.4	15.2
27.5°	408.6	350.3	289.7	242.9	194.3	148.1	106.6	70.1	43.0	29.4	18.1
25°	446.9	383.1	318.2	263.1	215.3	167.0	122.7	81.9	50.6	33.8	21.1
22.5°	490.5	416.2	345.6	281.3	237.3	185.4	138.2	95.9	59.8	37.9	24.0
20°	537.2	449.0	373.1	307.3	257.9	204.4	153.6	108.8	69.2	41.8	26.9
17.5°	585.1	484.9	406.4	336.8	278.3	222.1	168.3	120.6	78.5	45.5	29.8
15°	617.5	520.9	436.4	364.5	298.7	238.5	182.1	131.2	87.8	48.9	32.6
12.5°	644.7	552.0	462.7	390.0	318.9	253.4	195.0	140.8	96.8	53.5	35.4
10°	668.7	578.1	485.7	413.5	338.3	267.0	206.9	149.2	105.2	59.4	37.9
7.5°	689.4	599.7	505.5	434.7	356.9	280.6	216.8	156.7	112.4	65.4	40.2
5°	706.8	618.2	522.0	448.4	374.1	295.0	225.1	163.2	118.5	71.3	42.3
2.5°	720.6	635.2	536.2	458.4	389.1	308.2	232.0	168.8	123.7	77.0	44.1
0°	730.7	648.5	548.0	465.8	401.9	319.7	237.5	173.5	127.9	82.2	45.7
-2.5°	737.4	650.7	560.6	474.4	409.5	329.2	248.6	179.4	131.3	86.9	48.4
-5°	740.2	650.4	570.0	481.0	415.1	336.9	257.9	184.2	133.9	90.9	50.9
-7.5°	744.3	653.4	575.1	486.2	418.8	342.8	265.0	187.8	135.9	94.1	53.2
-10°	745.9	656.6	576.4	492.7	421.8	347.0	269.6	190.1	137.4	96.6	55.1
-12.5°	743.7	656.3	576.1	496.3	423.2	349.5	272.0	193.7	138.7	98.0	56.8
-15°	737.9	652.4	574.7	496.6	423.0	350.4	272.8	197.0	141.5	98.4	58.2
-17.5°	728.8	644.9	572.6	493.6	421.3	349.9	272.0	198.5	143.0	97.7	59.6
-20°	719.7	637.9	569.5	487.0	418.1	348.0	269.7	198.2	142.9	96.3	60.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	707.8	631.4	559.4	480.4	413.6	344.7	265.9	195.9	141.3	94.1	61.6
-25°	692.8	621.5	547.9	475.3	407.8	338.3	261.5	191.6	138.0	91.2	61.9
-27.5°	677.9	608.2	535.7	468.1	399.8	330.4	255.6	187.5	133.4	87.6	61.7
-30°	660.4	593.1	525.0	458.4	388.7	319.3	247.2	181.3	128.4	85.7	61.0
-32.5°	641.4	578.0	513.0	443.7	374.8	307.0	236.5	172.7	122.7	84.6	60.3
-35°	622.1	561.1	498.5	425.4	359.8	293.5	225.7	161.7	116.2	82.9	59.5
-37.5°	599.6	540.2	474.9	405.7	343.8	279.1	215.6	155.4	108.9	80.5	58.3
-40°	573.8	514.6	448.0	387.2	326.9	263.8	204.6	149.7	104.2	77.5	57.0
-42.5°	545.0	485.9	426.3	368.3	309.2	250.9	193.3	142.6	102.1	75.0	55.3
-45°	515.4	459.9	406.0	348.9	291.4	237.3	183.8	134.8	99.0	72.8	53.6
-47.5°	487.8	437.9	384.0	328.0	275.9	223.4	172.7	129.6	94.7	70.3	51.8
-50°	464.4	413.7	359.9	306.8	257.7	209.2	161.3	122.9	91.1	67.6	49.5
-52.5°	437.4	386.2	333.6	283.4	238.3	193.4	151.5	114.9	86.1	64.2	46.9
-55°	405.3	354.5	304.2	260.1	218.0	178.3	140.0	106.6	79.6	60.4	43.8
-57.5°	367.8	318.6	277.2	237.2	197.7	161.6	127.1	96.6	73.9	56.1	40.3
-60°	329.3	289.5	251.6	212.6	176.2	143.4	112.6	86.5	68.0	51.3	36.4
-62.5°	295.1	258.7	221.5	185.7	153.9	124.4	97.7	78.7	61.5	46.0	32.2
-65°	256.7	222.2	189.0	159.5	131.3	106.5	87.7	70.3	54.5	40.3	28.3
-67.5°	215.4	187.9	159.8	133.1	112.3	94.0	77.0	61.3	47.0	34.1	26.0
-70°	182.0	156.3	133.3	114.3	97.0	80.8	65.7	51.7	39.1	30.5	23.5
-72.5°	150.2	130.3	112.3	96.1	81.0	66.9	53.8	42.4	34.0	26.7	20.7
-75°	119.7	105.3	91.0	77.0	64.3	52.8	44.1	35.7	28.7	22.7	18.1
-77.5°	95.9	83.0	70.0	60.0	52.2	44.3	36.3	28.7	23.8	19.7	15.6
-80°	73.8	64.8	57.0	50.2	43.0	35.8	29.5	24.2	20.5	16.8	13.0
-82.5°	53.0	48.3	44.2	40.2	34.5	29.4	24.7	20.5	17.2	13.8	10.1
-85°	36.2	33.9	31.8	30.0	26.2	22.7	18.9	15.4	12.2	9.3	6.8
-87.5°	18.5	17.6	16.7	15.7	13.5	11.4	9.5	7.7	6.1	4.7	3.4
-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: P627778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.8	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	1.0	0.0
75°	0.2	0.8	0.1	0.0	0.2	1.2	0.0
72.5°	0.5	1.4	1.0	0.0	0.3	1.4	0.0
70°	1.1	2.1	1.8	0.2	0.4	1.6	0.0
67.5°	3.2	2.8	2.7	1.1	0.5	1.9	0.0
65°	5.3	3.9	3.7	2.0	0.7	2.1	0.0
62.5°	7.2	5.2	4.7	2.9	0.9	2.3	0.0
60°	8.9	6.4	5.7	3.8	1.2	2.6	0.0
57.5°	9.1	7.4	6.4	4.8	2.0	2.8	0.0
55°	9.1	8.4	7.0	5.8	2.7	3.1	0.0
52.5°	9.1	9.1	7.6	6.8	3.4	3.3	0.0
50°	9.1	9.1	8.0	7.8	4.1	3.6	0.0
47.5°	9.1	9.1	8.4	8.6	4.7	3.9	0.0
45°	9.1	9.1	8.8	8.8	5.3	4.2	0.0
42.5°	9.1	9.1	9.0	9.0	5.9	4.4	0.0
40°	9.1	9.1	9.1	9.1	6.4	4.7	0.0
37.5°	9.1	9.1	9.1	9.1	6.8	5.0	0.0
35°	9.1	9.1	9.1	9.1	7.2	5.3	0.0
32.5°	9.4	9.1	9.1	9.1	7.6	5.6	0.0
30°	10.3	9.1	9.1	9.1	7.9	5.9	0.0
27.5°	11.4	9.1	9.1	9.1	8.1	6.2	0.0
25°	12.5	9.1	9.1	9.1	8.4	6.5	0.0
22.5°	13.6	9.3	9.1	9.1	8.6	6.8	0.0
20°	14.8	9.9	9.1	9.1	8.7	7.1	0.0
17.5°	16.4	10.8	9.1	9.1	8.8	7.4	0.0
15°	18.3	11.7	9.1	9.1	8.9	7.7	0.0
12.5°	20.0	12.7	9.1	9.1	9.0	7.9	0.0
10°	21.7	13.8	9.1	9.1	9.1	8.2	0.0
7.5°	23.3	15.0	9.1	9.1	9.1	8.4	0.0
5°	24.8	16.1	9.1	9.1	9.1	8.7	0.0
2.5°	26.1	17.2	9.1	9.1	9.1	8.9	0.0
0°	27.4	18.3	9.1	9.1	9.1	9.1	0.0
-2.5°	29.8	19.3	9.9	9.1	9.1	9.1	0.0
-5°	32.0	20.1	10.7	9.1	9.1	9.1	0.0
-7.5°	34.1	20.9	11.4	9.1	9.1	9.0	0.0
-10°	35.8	21.6	12.1	9.1	9.1	9.0	0.0
-12.5°	37.3	22.2	12.7	9.1	9.1	8.9	0.0
-15°	38.5	22.7	13.2	9.1	9.1	8.8	0.0
-17.5°	39.3	23.1	13.6	9.1	9.1	8.7	0.0
-20°	39.8	23.4	13.9	9.1	9.1	8.6	0.0

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CATALOG NUMBER: GFLD-SA5E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40.3	23.6	14.0	9.1	9.1	8.4	0.0
-25°	40.5	24.2	14.0	9.1	9.1	8.2	0.0
-27.5°	40.5	24.8	13.8	9.1	9.1	8.1	0.0
-30°	40.3	25.2	13.4	9.1	9.1	7.9	0.0
-32.5°	39.8	25.4	13.4	9.1	9.1	7.7	0.0
-35°	39.7	25.4	13.2	9.1	9.1	7.5	0.0
-37.5°	39.6	25.1	12.9	9.1	9.1	7.2	0.0
-40°	39.1	24.6	12.4	9.1	9.1	7.0	0.0
-42.5°	38.3	23.9	12.3	9.2	9.1	6.7	0.0
-45°	37.1	22.9	12.6	9.4	9.1	6.4	0.0
-47.5°	35.6	21.7	12.8	9.6	9.1	6.1	0.0
-50°	33.8	20.3	13.0	9.7	9.1	5.8	0.0
-52.5°	31.7	18.6	13.0	9.8	9.1	5.5	0.0
-55°	29.2	18.1	12.9	9.9	9.1	5.2	0.0
-57.5°	26.5	17.7	12.7	9.8	9.1	4.9	0.0
-60°	23.7	17.1	12.5	9.8	9.1	4.5	0.0
-62.5°	22.5	16.4	12.1	9.7	8.4	4.2	0.0
-65°	21.1	15.5	11.7	9.5	7.7	3.8	0.0
-67.5°	19.5	14.5	11.2	9.4	7.0	3.5	0.0
-70°	17.8	13.4	10.6	9.1	6.2	3.1	0.0
-72.5°	15.8	12.2	9.9	8.2	5.5	2.7	0.0
-75°	13.8	11.0	9.2	7.0	4.7	2.4	0.0
-77.5°	11.6	9.6	7.8	5.9	3.9	2.0	0.0
-80°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
-82.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
-85°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)