

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: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627998 (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-735-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 48943.8 lumens
Efficiency: N/A
Efficacy: 129.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 496126.6 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 15625.1 lumens
Beam Efficiency: 31.9%

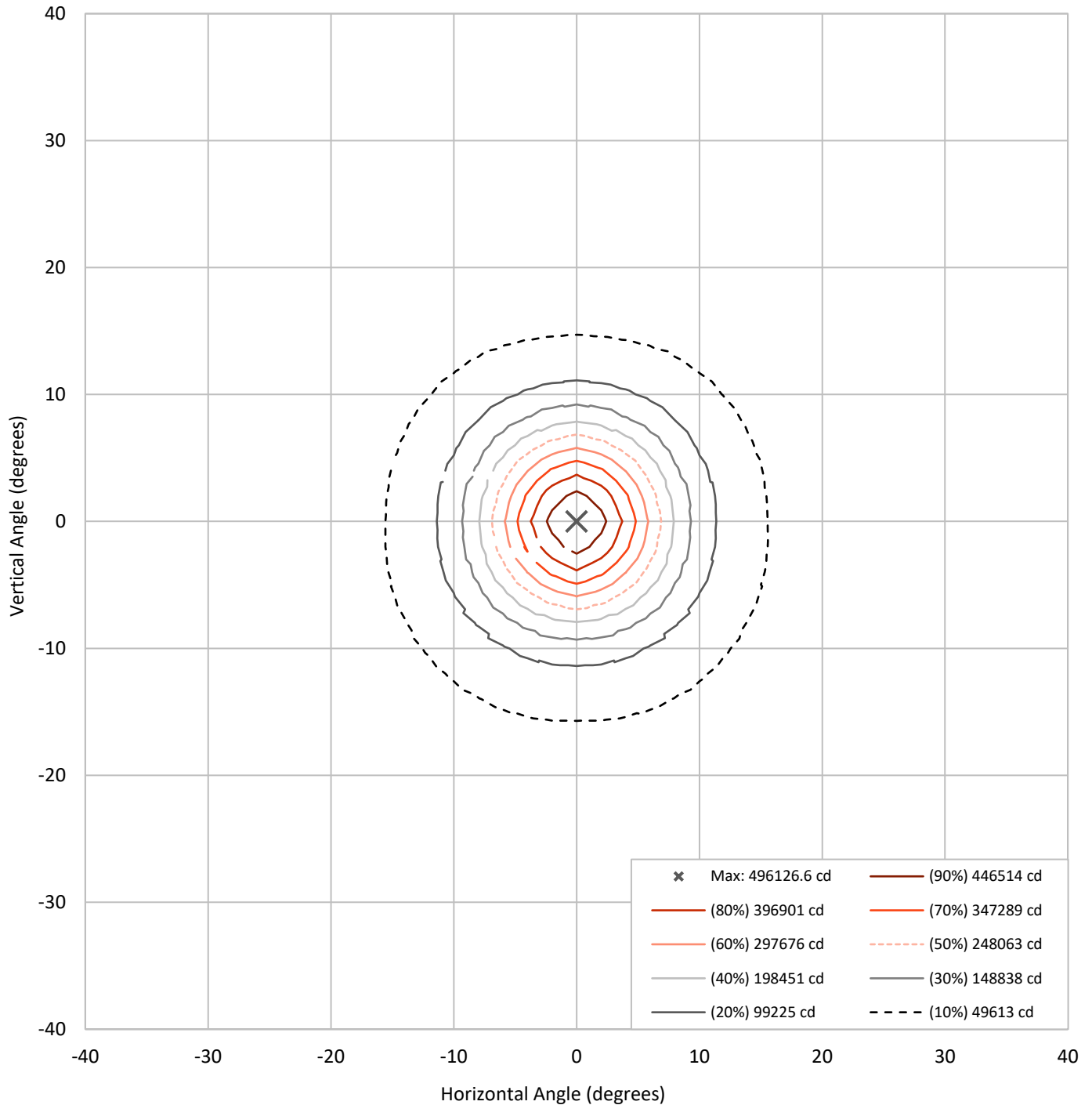
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 34802.2 lumens
Field Efficiency: 71.1%

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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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	0.1	0.1	0.1	0.1	0.1		
60		0.1	0.3	1.2	2.7	4.3	5.8	7.0	7.0	5.8	4.3	2.7	1.2	0.3	0.1				
50	0.2	0.3	1.5	4.3	8.0	11.7	16.5	19.5	19.5	16.5	11.7	8.0	4.3	1.5	0.3	0.2			
40		0.7	3.4	8.3	14.8	23.4	39.8	50.7	50.7	39.8	23.4	14.8	8.3	3.4	0.7				
30	0.4	1.4	5.5	12.6	22.9	49.8	132.9	220.2	220.2	132.9	49.8	22.9	12.6	5.5	1.4	0.4			
20		2.1	7.5	17.4	37.9	148.8	627.4	1379.1	1379.1	627.4	148.8	37.9	17.4	7.5	2.1				
10	0.7	2.6	9.1	20.5	51.4	279.4	1503.4	6742.3	6742.3	1503.4	279.4	51.4	20.5	9.1	2.6	0.7			
0		3.0	9.9	21.6	55.2	297.7	1556.1	6856.8	6856.8	1556.1	297.7	55.2	21.6	9.9	3.0				
-10	0.9	3.2	10.1	21.2	48.5	189.4	755.4	1615.7	1615.7	755.4	189.4	48.5	21.2	10.1	3.2	0.9			
-20		3.1	9.7	19.5	37.4	88.5	232.7	387.9	387.9	232.7	88.5	37.4	19.5	9.7	3.1				
-30	0.9	2.7	8.6	17.2	29.3	48.6	79.1	100.5	100.5	79.1	48.6	29.3	17.2	8.6	2.7	0.9			
-40		2.2	7.1	14.3	23.7	34.0	45.7	50.9	50.9	45.7	34.0	23.7	14.3	7.1	2.2				
-50	0.6	1.7	5.3	11.2	18.6	26.1	32.9	36.0	36.0	32.9	26.1	18.6	11.2	5.3	1.7	0.6			
-60		1.1	3.3	7.3	12.5	18.2	23.0	25.2	25.2	23.0	18.2	12.5	7.3	3.3	1.1				
-70	0.2	1.1	3.3	7.3	12.5	18.2	23.0	25.2	25.2	23.0	18.2	12.5	7.3	3.3	1.1	0.2			
-80		0.2	3.0	12.3	27.1	34.3	27.1	12.3	3.0	0.2									
-90	0.2	3.0	12.3	27.1	34.3	27.1	12.3	3.0	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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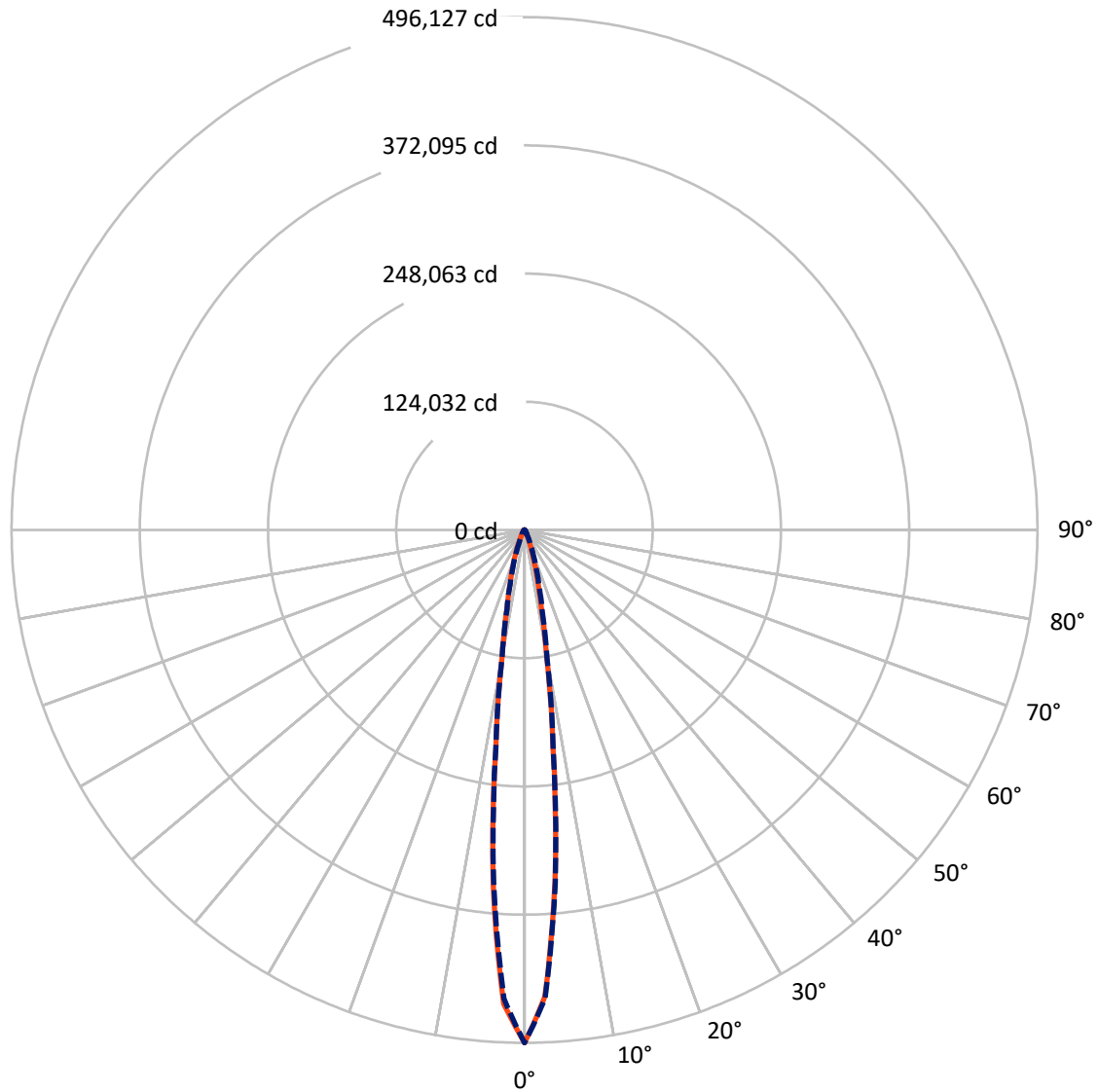
Scaled Data Report



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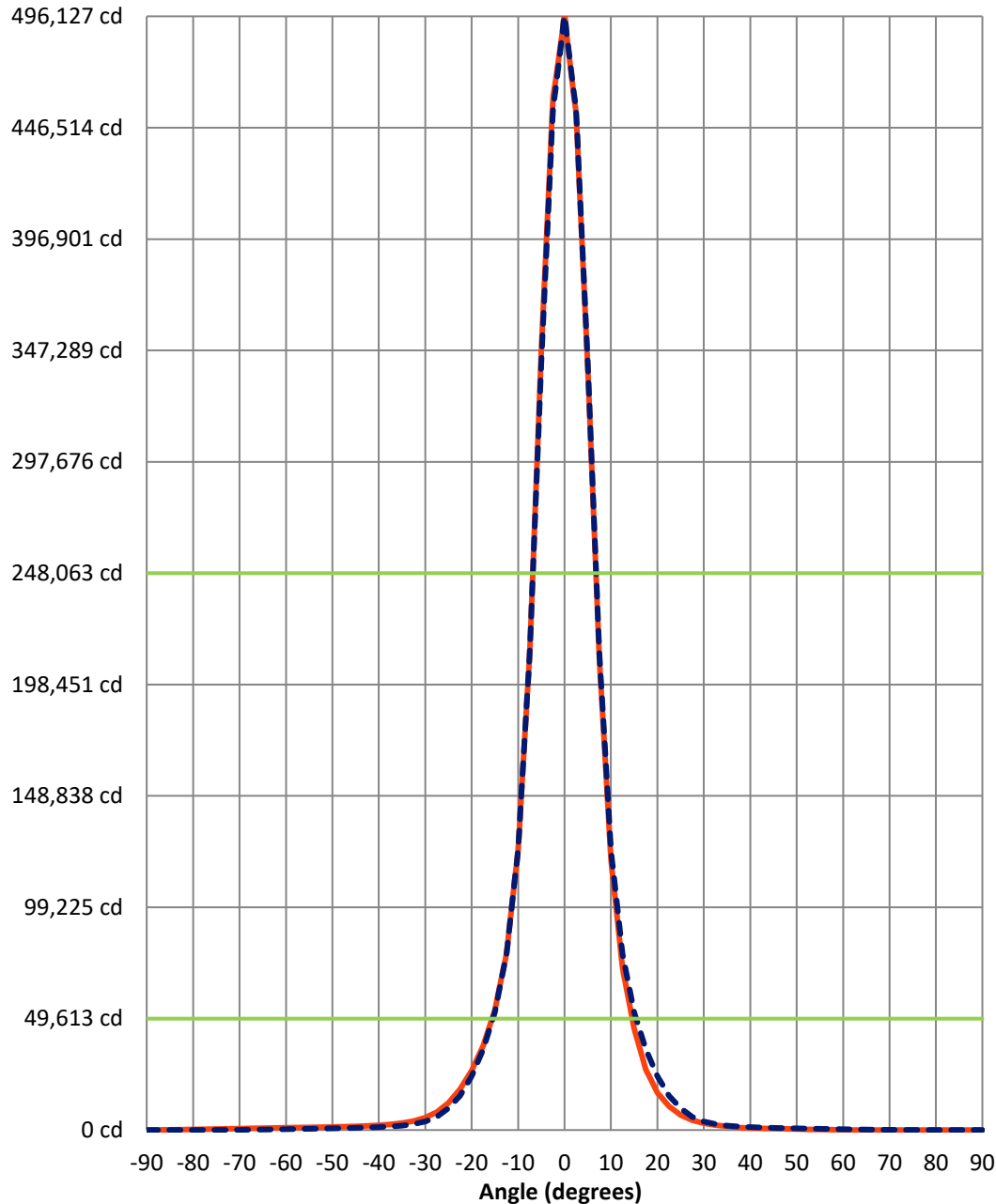
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 15625.1
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 34802.2
 Efficiency: 71.1%

Spill:
 Lumens: 14141.6
 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	0.9	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	1.4	0.2	0.0	0.2	0.9	0.3	0.0	0.2	0.9	0.4
72.5°	0.0	1.7	0.3	0.0	1.1	1.6	0.5	0.7	2.2	2.3	1.0
70°	0.0	1.9	0.4	0.2	2.1	2.4	1.2	3.2	4.4	3.9	1.4
67.5°	0.0	2.2	0.6	1.2	3.2	3.2	3.7	5.9	6.7	4.3	1.8
65°	0.0	2.4	0.8	2.3	4.2	4.5	6.1	8.7	7.1	4.6	3.2
62.5°	0.0	2.7	1.1	3.3	5.4	6.0	8.3	9.8	7.5	5.5	6.6
60°	0.0	3.0	1.4	4.4	6.6	7.3	10.3	10.2	7.9	7.6	9.6
57.5°	0.0	3.3	2.3	5.5	7.4	8.6	10.5	10.5	8.8	9.4	10.5
55°	0.0	3.6	3.2	6.7	8.1	9.7	10.5	10.5	9.7	10.5	10.5
52.5°	0.0	3.9	4.0	7.8	8.7	10.5	10.5	10.5	10.3	10.5	10.5
50°	0.0	4.2	4.7	9.0	9.3	10.5	10.5	10.5	10.5	10.5	12.2
47.5°	0.0	4.5	5.5	9.9	9.7	10.5	10.5	10.5	10.5	10.5	14.5
45°	0.0	4.8	6.1	10.2	10.1	10.5	10.5	10.5	10.9	13.0	17.3
42.5°	0.0	5.1	6.8	10.4	10.4	10.5	10.5	10.9	11.5	16.0	23.2
40°	0.0	5.5	7.3	10.5	10.5	10.5	10.5	11.7	13.4	19.3	29.9
37.5°	0.0	5.8	7.8	10.5	10.5	10.5	10.5	12.8	17.0	24.2	36.9
35°	0.0	6.1	8.3	10.5	10.5	10.5	10.5	14.0	20.9	30.9	45.3
32.5°	0.0	6.5	8.7	10.5	10.5	10.5	10.8	15.5	25.0	37.3	56.1
30°	0.0	6.8	9.1	10.5	10.5	10.5	11.9	17.5	29.2	43.5	67.9
27.5°	0.0	7.2	9.4	10.5	10.5	10.5	13.1	20.9	33.8	49.4	80.6
25°	0.0	7.5	9.7	10.5	10.5	10.5	14.3	24.2	38.8	58.2	94.2
22.5°	0.0	7.8	9.9	10.5	10.5	10.7	15.6	27.6	43.6	68.8	110.3
20°	0.0	8.2	10.1	10.5	10.5	11.5	17.0	31.0	48.1	79.5	125.1
17.5°	0.0	8.5	10.2	10.5	10.5	12.4	18.8	34.3	52.3	90.3	138.6
15°	0.0	8.8	10.3	10.5	10.5	13.5	21.0	37.5	56.2	100.9	150.8
12.5°	0.0	9.1	10.4	10.5	10.5	14.7	23.0	40.7	61.6	111.3	161.8
10°	0.0	9.4	10.4	10.5	10.5	15.9	24.9	43.6	68.3	120.9	171.5
7.5°	0.0	9.7	10.5	10.5	10.5	17.2	26.7	46.3	75.2	129.2	180.1
5°	0.0	10.0	10.5	10.5	10.5	18.5	28.4	48.6	82.0	136.3	187.6
2.5°	0.0	10.3	10.5	10.5	10.5	19.8	30.0	50.7	88.5	142.2	194.1
0°	0.0	10.5	10.5	10.5	10.5	21.0	31.5	52.5	94.5	147.0	199.5
-2.5°	0.0	10.5	10.5	10.5	11.4	22.1	34.2	55.7	99.9	150.9	206.3
-5°	0.0	10.5	10.5	10.5	12.3	23.1	36.8	58.5	104.5	153.9	211.8
-7.5°	0.0	10.4	10.5	10.5	13.2	24.0	39.1	61.1	108.2	156.3	216.0
-10°	0.0	10.3	10.5	10.5	14.0	24.8	41.2	63.4	111.0	158.0	218.6
-12.5°	0.0	10.3	10.5	10.5	14.7	25.5	42.9	65.3	112.7	159.5	222.7
-15°	0.0	10.1	10.5	10.5	15.2	26.1	44.2	66.9	113.1	162.7	226.5
-17.5°	0.0	10.0	10.5	10.5	15.7	26.5	45.1	68.5	112.3	164.4	228.2
-20°	0.0	9.9	10.5	10.5	16.0	26.9	45.7	69.9	110.7	164.3	227.8

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CATALOG NUMBER: GFLD-SA6E-735-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	9.7	10.5	10.5	16.1	27.1	46.3	70.8	108.2	162.4	225.2
-25°	0.0	9.5	10.5	10.5	16.1	27.8	46.6	71.1	104.9	158.6	220.3
-27.5°	0.0	9.3	10.5	10.5	15.8	28.5	46.6	70.9	100.7	153.3	215.6
-30°	0.0	9.1	10.5	10.5	15.4	29.0	46.4	70.1	98.5	147.6	208.4
-32.5°	0.0	8.9	10.5	10.5	15.4	29.2	45.8	69.3	97.3	141.0	198.5
-35°	0.0	8.6	10.5	10.5	15.2	29.2	45.7	68.3	95.3	133.6	185.8
-37.5°	0.0	8.3	10.5	10.5	14.8	28.9	45.5	67.1	92.6	125.2	178.6
-40°	0.0	8.0	10.5	10.5	14.3	28.3	44.9	65.5	89.0	119.8	172.1
-42.5°	0.0	7.7	10.5	10.6	14.2	27.4	44.0	63.6	86.2	117.4	163.9
-45°	0.0	7.4	10.5	10.9	14.5	26.3	42.6	61.6	83.7	113.8	155.0
-47.5°	0.0	7.1	10.5	11.1	14.8	24.9	40.9	59.5	80.8	108.9	149.0
-50°	0.0	6.7	10.5	11.2	14.9	23.3	38.8	57.0	77.8	104.8	141.3
-52.5°	0.0	6.4	10.5	11.3	14.9	21.4	36.4	53.9	73.9	99.0	132.1
-55°	0.0	6.0	10.5	11.4	14.8	20.8	33.6	50.3	69.5	91.6	122.5
-57.5°	0.0	5.6	10.5	11.4	14.6	20.3	30.4	46.3	64.5	84.9	111.0
-60°	0.0	5.2	10.5	11.3	14.3	19.7	27.2	41.8	58.9	78.1	99.4
-62.5°	0.0	4.8	9.7	11.2	13.9	18.8	25.8	37.0	52.8	70.7	90.5
-65°	0.0	4.4	8.9	11.0	13.4	17.8	24.2	32.6	46.3	62.6	80.8
-67.5°	0.0	4.0	8.0	10.8	12.8	16.7	22.4	29.9	39.2	54.0	70.4
-70°	0.0	3.6	7.2	10.6	12.2	15.5	20.4	26.9	35.1	44.9	59.5
-72.5°	0.0	3.2	6.3	9.4	11.4	14.1	18.2	23.7	30.7	39.1	48.8
-75°	0.0	2.7	5.4	8.1	10.6	12.6	15.9	20.8	26.1	33.0	41.1
-77.5°	0.0	2.3	4.5	6.8	9.0	11.1	13.4	17.9	22.6	27.3	33.0
-80°	0.0	1.8	3.6	5.5	7.3	9.0	10.8	14.9	19.3	23.6	27.8
-82.5°	0.0	1.4	2.7	4.1	5.5	6.8	8.1	11.7	15.8	19.7	23.6
-85°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	7.8	10.7	14.0	17.7
-87.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.9	5.4	7.0	8.9
-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	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	3.0	3.5	2.2	0.0	0.0	0.0	0.7	0.0	0.0	0.0
65°	5.1	6.8	5.2	2.7	0.2	2.5	3.5	2.8	0.3	0.0	0.0
62.5°	9.7	8.3	5.8	4.3	5.9	7.9	6.2	3.6	1.0	5.1	7.3
60°	10.5	8.9	7.4	8.3	10.6	9.4	6.9	10.2	15.4	19.4	23.4
57.5°	10.5	9.7	9.5	11.3	11.9	11.9	18.5	24.7	34.9	43.3	49.1
55°	10.8	10.4	11.9	14.2	17.7	25.1	34.3	48.4	59.6	76.9	91.7
52.5°	11.9	11.9	16.0	21.5	31.8	43.3	59.7	79.5	101.9	118.8	136.6
50°	13.6	17.5	22.4	36.0	50.1	68.3	95.0	124.0	142.9	161.9	187.5
47.5°	18.7	23.8	36.9	52.7	73.0	102.0	138.9	159.7	178.5	208.3	240.1
45°	25.2	35.7	51.9	73.7	101.8	142.4	171.4	188.4	220.8	255.4	291.7
42.5°	32.2	49.3	71.4	94.3	138.5	177.1	203.4	230.4	263.1	303.5	342.9
40°	43.7	62.7	92.7	128.7	173.6	211.3	244.2	275.3	307.4	360.2	402.2
37.5°	55.3	83.1	116.9	161.7	208.4	249.6	286.4	325.4	371.3	430.8	468.5
35°	66.6	104.1	145.6	193.2	242.8	289.4	333.6	379.2	438.8	495.1	540.1
32.5°	82.5	125.8	172.4	223.9	274.9	327.7	381.4	435.9	494.5	552.1	611.1
30°	102.5	148.8	197.9	253.1	304.5	365.6	427.7	485.5	544.5	605.1	671.8
27.5°	122.5	170.3	223.4	279.2	333.1	402.7	469.8	530.0	590.5	655.8	731.9
25°	141.1	192.0	247.5	302.4	365.8	440.4	513.8	583.6	634.8	709.2	798.1
22.5°	158.9	213.2	272.8	323.4	397.4	478.5	563.9	638.9	699.6	766.0	866.8
20°	176.6	235.0	296.5	353.2	429.0	516.2	617.6	694.9	770.2	855.7	958.7
17.5°	193.4	255.4	320.0	387.2	467.3	557.6	672.6	751.4	841.3	943.8	1073.5
15°	209.4	274.2	343.5	419.0	501.7	599.0	710.0	808.2	915.8	1034.0	1187.4
12.5°	224.2	291.4	366.6	448.5	532.1	634.6	741.2	845.8	969.5	1124.3	1317.2
10°	237.9	307.0	389.1	475.4	558.5	664.7	768.8	877.6	1008.2	1178.2	1399.1
7.5°	249.2	322.7	410.4	499.8	581.2	689.5	792.7	903.9	1040.5	1222.7	1454.1
5°	258.8	339.2	430.2	515.6	600.2	710.8	812.6	924.7	1066.3	1257.6	1493.4
2.5°	266.7	354.3	447.4	527.0	616.5	730.3	828.5	947.7	1092.4	1284.6	1530.3
0°	273.0	367.5	462.1	535.6	630.1	745.6	840.1	966.1	1113.1	1302.2	1564.7
-2.5°	285.8	378.5	470.9	545.5	644.6	748.1	847.7	968.7	1120.9	1315.9	1571.1
-5°	296.4	387.3	477.2	553.1	655.4	747.9	851.0	966.5	1123.6	1323.7	1582.5
-7.5°	304.7	394.1	481.5	559.1	661.2	751.3	855.7	974.0	1131.8	1330.8	1597.4
-10°	310.0	399.0	485.0	566.5	662.7	754.9	857.5	975.7	1130.5	1326.2	1589.3
-12.5°	312.8	401.9	486.7	570.6	662.3	754.5	855.0	971.1	1118.9	1309.6	1556.8
-15°	313.7	402.9	486.4	571.1	660.7	750.1	848.3	960.1	1098.0	1281.5	1505.8
-17.5°	312.7	402.3	484.4	567.6	658.3	741.4	837.8	945.2	1076.9	1248.4	1464.5
-20°	310.0	400.1	480.8	560.0	654.8	733.4	827.4	931.1	1055.0	1210.4	1403.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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°	305.7	396.4	475.6	552.4	643.2	726.0	813.8	912.7	1023.7	1164.2	1335.8
-25°	300.6	389.0	468.9	546.5	629.9	714.6	796.6	890.6	992.6	1127.6	1282.1
-27.5°	293.8	379.9	459.8	538.3	615.9	699.2	779.4	868.1	969.1	1088.2	1226.3
-30°	284.2	367.1	447.0	527.1	603.6	681.9	759.3	843.9	939.0	1051.4	1178.9
-32.5°	271.9	352.9	431.0	510.2	589.8	664.5	737.4	818.7	908.0	1006.5	1127.8
-35°	259.5	337.5	413.7	489.1	573.1	645.1	715.3	789.9	873.0	964.5	1063.3
-37.5°	247.8	320.9	395.3	466.5	546.0	621.1	689.3	760.2	837.0	921.0	1010.7
-40°	235.2	303.3	375.9	445.3	515.0	591.6	659.7	728.2	799.1	883.3	963.1
-42.5°	222.2	288.4	355.6	423.6	490.2	558.6	626.6	692.3	767.1	846.9	925.1
-45°	211.3	272.8	335.1	401.2	466.9	528.7	592.6	653.9	729.9	809.6	886.2
-47.5°	198.6	256.8	317.2	377.1	441.6	503.4	560.8	622.8	687.5	762.7	843.0
-50°	185.4	240.5	296.3	352.7	413.8	475.7	533.9	591.1	652.2	714.0	783.3
-52.5°	174.2	222.3	273.9	325.8	383.5	444.1	502.9	560.2	616.4	674.5	733.6
-55°	160.9	205.1	250.6	299.1	349.7	407.7	466.0	522.0	579.3	633.6	691.5
-57.5°	146.2	185.8	227.3	272.7	318.8	366.3	422.9	478.6	532.5	587.4	647.1
-60°	129.5	164.9	202.6	244.4	289.3	332.8	378.6	430.3	482.3	534.4	589.6
-62.5°	112.2	143.0	176.9	213.5	254.6	297.4	339.3	383.3	430.1	475.4	523.2
-65°	100.7	122.4	150.9	183.4	217.2	255.5	295.1	335.6	376.9	415.3	452.2
-67.5°	88.4	108.0	129.1	153.0	183.7	216.0	247.6	284.0	320.9	356.2	390.7
-70°	75.4	92.8	111.5	131.4	153.2	179.6	209.3	238.3	266.7	296.3	328.3
-72.5°	61.8	76.9	93.1	110.4	129.0	149.8	172.7	197.5	222.7	247.2	272.1
-75°	50.7	60.7	74.0	88.6	104.7	121.1	137.6	157.2	178.6	200.1	221.1
-77.5°	41.8	50.9	60.0	69.1	80.5	95.5	110.2	124.7	139.6	155.8	173.2
-80°	34.0	41.1	49.4	57.7	65.5	74.5	84.8	96.3	106.8	117.6	129.4
-82.5°	28.3	33.7	39.7	46.1	50.7	55.5	61.0	67.6	74.6	81.9	89.4
-85°	21.7	26.1	30.1	34.4	36.6	38.9	41.6	44.5	48.9	53.4	57.7
-87.5°	10.9	13.1	15.5	18.0	19.2	20.2	21.3	22.3	25.1	28.1	31.2
-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: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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	1.9	2.6	2.2	1.0	0.0	0.0
62.5°	6.1	5.1	8.1	10.9	12.0	11.6	10.7	9.5	8.1	7.5	8.6
60°	25.2	24.7	34.4	39.1	35.6	25.1	39.5	46.7	44.9	38.5	38.2
57.5°	61.6	74.9	84.5	88.7	102.6	125.1	129.4	121.9	119.3	121.7	140.6
55°	106.8	117.5	123.1	142.1	159.0	171.2	178.4	185.8	196.5	209.7	223.3
52.5°	151.1	165.7	177.0	194.0	214.3	221.3	219.4	245.4	265.7	278.6	283.9
50°	207.4	225.7	251.9	278.6	290.2	301.5	313.5	334.8	365.9	404.6	426.8
47.5°	268.2	297.1	324.5	355.0	370.4	382.5	400.3	437.5	481.8	523.4	545.1
45°	322.9	348.6	380.0	406.4	425.5	448.7	474.5	508.1	557.6	601.1	631.2
42.5°	366.9	395.9	428.2	460.1	479.4	510.7	549.9	595.6	647.4	692.7	726.2
40°	428.5	453.1	504.5	534.8	542.4	571.6	650.2	712.5	771.2	826.9	854.6
37.5°	503.0	550.8	604.2	631.8	658.7	710.3	815.5	916.3	991.0	1066.4	1107.7
35°	587.5	650.5	723.1	755.6	813.7	926.1	1049.6	1189.9	1364.5	1437.6	1504.2
32.5°	669.7	740.1	807.1	880.1	981.6	1115.9	1255.1	1482.5	1694.9	1859.4	1979.6
30°	742.6	817.2	900.5	994.3	1137.3	1322.5	1554.9	1849.2	2148.5	2409.9	2630.9
27.5°	814.6	899.6	998.5	1138.5	1339.7	1591.2	1962.2	2382.0	2881.8	3250.0	3689.7
25°	893.6	990.7	1117.8	1320.7	1592.2	1968.2	2561.3	3243.0	4062.5	4727.0	5422.4
22.5°	987.0	1130.5	1291.5	1517.8	1992.0	2611.6	3421.8	4587.1	5847.7	7013.2	8135.6
20°	1100.0	1296.1	1554.5	1971.0	2579.9	3495.9	4903.7	6763.3	8617.2	10591.6	12492.3
17.5°	1261.1	1543.7	1945.2	2538.1	3340.5	5152.5	7436.7	10312.9	14008.1	17356.7	20280.5
15°	1412.3	1749.9	2383.9	3270.2	4669.9	7071.3	10540.6	15287.9	21046.9	26295.4	31838.7
12.5°	1571.0	1969.6	2697.8	3826.3	5771.1	8897.4	13772.9	20277.7	27488.8	35398.9	44408.9
10°	1696.6	2180.7	3052.6	4483.3	6880.7	10773.8	16581.3	24470.1	34052.6	45759.0	60162.1
7.5°	1781.5	2349.9	3345.6	4964.3	7902.2	12692.7	19683.9	29165.9	41145.8	56654.3	76808.1
5°	1847.7	2479.0	3565.9	5403.0	8766.2	14157.6	21982.5	33278.0	47449.6	68228.3	102383.1
2.5°	1901.0	2577.8	3702.2	5705.0	9308.6	15177.6	23524.7	35604.5	51202.1	76785.3	121096.5
0°	1942.8	2667.3	3791.0	5891.3	9724.3	15279.5	24006.1	36030.2	52548.8	78329.7	125123.8
-2.5°	1960.5	2715.2	3821.5	5932.1	9682.7	15454.6	24153.0	36370.2	52498.2	77483.5	120625.9
-5°	1990.0	2714.5	3798.5	5890.4	9465.7	15001.9	23193.8	34467.3	49331.0	70819.4	106165.3
-7.5°	2011.2	2671.2	3688.5	5623.5	8897.4	14023.1	21508.3	31314.3	43566.7	59882.3	81773.1
-10°	1991.7	2588.1	3505.2	5175.8	8013.9	12453.0	18945.3	27152.0	37335.0	49426.2	64299.3
-12.5°	1916.8	2434.6	3206.0	4548.6	6869.6	10694.2	16366.7	23354.1	30891.0	39382.7	49660.2
-15°	1822.1	2269.3	2936.5	4118.4	6021.4	8950.9	13092.2	18760.7	24806.7	31254.1	38129.4
-17.5°	1748.3	2124.1	2676.6	3532.2	4931.9	7261.2	10515.7	14542.5	18985.5	23894.2	27968.4
-20°	1648.3	1945.4	2409.1	3107.9	4175.8	5719.1	8089.3	11014.8	13946.7	17397.9	20212.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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°	1548.3	1807.1	2159.9	2671.3	3465.9	4631.8	6096.2	8049.7	10193.7	12174.7	14124.7
-25°	1455.5	1654.7	1940.2	2359.7	2898.7	3694.3	4736.7	5857.3	7270.5	8476.4	9814.6
-27.5°	1380.3	1551.4	1762.0	2069.6	2487.8	2999.6	3746.0	4496.9	5240.1	5848.7	6770.0
-30°	1307.7	1445.4	1621.6	1840.8	2154.4	2548.8	3033.3	3520.4	3949.3	4340.5	4820.3
-32.5°	1236.4	1348.5	1483.6	1665.6	1890.6	2187.1	2484.8	2833.9	3132.0	3407.2	3661.8
-35°	1165.0	1264.7	1367.6	1521.1	1700.5	1911.1	2127.6	2364.1	2570.5	2755.8	2919.7
-37.5°	1100.4	1188.1	1284.9	1399.1	1543.7	1702.2	1879.0	2050.8	2187.1	2307.4	2406.8
-40°	1045.9	1125.7	1208.5	1300.1	1410.1	1535.2	1685.3	1828.4	1923.9	1997.4	2057.7
-42.5°	997.3	1067.5	1138.1	1215.8	1300.3	1408.6	1527.1	1645.2	1710.0	1766.8	1810.5
-45°	958.3	1012.1	1071.5	1137.9	1212.7	1303.4	1396.6	1478.3	1535.8	1584.7	1621.1
-47.5°	906.7	958.6	1010.0	1064.7	1134.5	1210.1	1287.1	1350.0	1400.2	1442.8	1470.6
-50°	849.9	904.5	951.6	999.7	1063.9	1128.0	1190.0	1241.9	1289.9	1331.7	1353.5
-52.5°	791.1	849.7	899.1	946.1	999.9	1055.7	1111.7	1156.2	1198.2	1237.6	1254.2
-55°	748.7	802.7	853.8	897.9	942.3	987.0	1032.7	1078.8	1120.3	1157.7	1168.8
-57.5°	703.0	758.0	808.4	848.1	888.2	928.5	970.3	1011.9	1052.0	1087.8	1096.8
-60°	647.1	706.7	751.6	789.0	827.9	867.8	904.2	941.2	978.6	1009.9	1019.9
-62.5°	576.2	630.5	674.8	714.2	751.8	786.5	821.9	856.5	890.1	914.8	922.9
-65°	491.2	537.3	582.9	624.2	661.3	694.7	727.4	759.1	789.5	811.2	822.1
-67.5°	424.1	457.3	493.9	529.5	566.8	601.2	630.7	658.5	684.6	703.0	714.5
-70°	359.3	391.0	425.3	459.2	491.6	519.6	543.1	566.0	588.3	604.6	616.8
-72.5°	297.4	324.2	352.9	382.8	412.4	437.7	459.3	479.7	499.0	513.0	524.2
-75°	241.5	263.6	287.8	311.9	336.0	356.0	374.1	391.7	408.8	421.2	431.6
-77.5°	191.6	210.3	229.2	248.2	267.1	281.6	294.9	307.9	320.4	330.2	339.1
-80°	142.0	156.7	171.7	186.9	201.9	213.0	223.0	232.5	241.4	247.2	252.3
-82.5°	97.0	107.3	117.8	128.5	139.2	147.4	155.3	163.1	170.7	173.4	175.4
-85°	62.0	67.1	72.6	78.4	84.5	89.0	93.3	97.4	101.4	105.0	108.5
-87.5°	34.4	35.4	36.4	37.3	38.1	41.2	44.4	47.5	50.7	51.3	51.7
-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: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-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	2.2
62.5°	9.4	10.0	10.4	10.5	10.4	10.0	9.4	8.6	7.5	8.1	9.5
60°	35.9	32.0	31.2	31.5	31.2	32.0	35.9	38.2	38.5	44.9	46.7
57.5°	159.7	177.6	182.6	178.5	182.6	177.6	159.7	140.6	121.7	119.3	121.9
55°	232.5	238.1	240.6	241.5	240.6	238.1	232.5	223.3	209.7	196.5	185.8
52.5°	285.1	283.2	282.8	283.5	282.8	283.2	285.1	283.9	278.6	265.7	245.4
50°	428.5	420.7	417.6	420.1	417.6	420.7	428.5	426.8	404.6	365.9	334.8
47.5°	547.7	550.2	553.9	556.6	553.9	550.2	547.7	545.1	523.4	481.8	437.5
45°	639.6	645.2	649.0	651.1	649.0	645.2	639.6	631.2	601.1	557.6	508.1
42.5°	733.5	734.1	733.1	735.1	733.1	734.1	733.5	726.2	692.7	647.4	595.6
40°	865.9	868.7	865.8	861.1	865.8	868.7	865.9	854.6	826.9	771.2	712.5
37.5°	1131.7	1135.5	1122.9	1113.1	1122.9	1135.5	1131.7	1107.7	1066.4	991.0	916.3
35°	1565.0	1609.9	1631.3	1638.2	1631.3	1609.9	1565.0	1504.2	1437.6	1364.5	1189.9
32.5°	2062.7	2125.2	2156.5	2184.3	2156.5	2125.2	2062.7	1979.6	1859.4	1694.9	1482.5
30°	2775.9	2891.1	2941.9	3013.9	2941.9	2891.1	2775.9	2630.9	2409.9	2148.5	1849.2
27.5°	3939.3	4141.9	4254.0	4358.1	4254.0	4141.9	3939.3	3689.7	3250.0	2881.8	2382.0
25°	5927.7	6317.8	6570.2	6689.4	6570.2	6317.8	5927.7	5422.4	4727.0	4062.5	3243.0
22.5°	9221.5	9940.6	10495.3	10606.4	10495.3	9940.6	9221.5	8135.6	7013.2	5847.7	4587.1
20°	14336.2	15365.2	16202.1	16623.7	16202.1	15365.2	14336.2	12492.3	10591.6	8617.2	6763.3
17.5°	23762.9	25902.9	26880.4	27041.0	26880.4	25902.9	23762.9	20280.5	17356.7	14008.1	10312.9
15°	37786.8	41408.2	43707.1	45187.4	43707.1	41408.2	37786.8	31838.7	26295.4	21046.9	15287.9
12.5°	53787.8	64077.9	69933.1	72165.4	69933.1	64077.9	53787.8	44408.9	35398.9	27488.8	20277.7
10°	75504.6	99729.0	113702.7	120734.2	113702.7	99729.0	75504.6	60162.1	45759.0	34052.6	24470.1
7.5°	112363.3	149778.1	191232.2	210410.7	191232.2	149778.1	112363.3	76808.1	56654.3	41145.8	29165.9
5°	151110.7	233258.3	305360.2	339887.3	305360.2	233258.3	151110.7	102383.1	68228.3	47449.6	33278.0
2.5°	195644.5	306428.6	408857.4	451926.4	408857.4	306428.6	195644.5	121096.5	76785.3	51202.1	35604.5
0°	212784.0	341830.0	453853.4	496126.6	453853.4	341830.0	212784.0	125123.8	78329.7	52548.8	36030.2
-2.5°	198294.1	311795.6	410617.2	458920.3	410617.2	311795.6	198294.1	120625.9	77483.5	52498.2	36370.2
-5°	157554.9	234544.1	307730.9	347091.2	307730.9	234544.1	157554.9	106165.3	70819.4	49331.0	34467.3
-7.5°	115635.5	157547.5	198192.9	212406.0	198192.9	157547.5	115635.5	81773.1	59882.3	43566.7	31314.3
-10°	80507.8	104508.0	120350.8	124871.8	120350.8	104508.0	80507.8	64299.3	49426.2	37335.0	27152.0
-12.5°	59688.4	70186.1	77490.2	78760.3	77490.2	70186.1	59688.4	49660.2	39382.7	30891.0	23354.1
-15°	44197.8	49536.2	53303.4	53557.0	53303.4	49536.2	44197.8	38129.4	31254.1	24806.7	18760.7
-17.5°	32308.8	35892.2	37793.3	37657.9	37793.3	35892.2	32308.8	27968.4	23894.2	18985.5	14542.5
-20°	23102.6	25262.6	26794.5	26495.0	26794.5	25262.6	23102.6	20212.4	17397.9	13946.7	11014.8



REPORT NUMBER: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-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°	16108.8	17542.7	18440.3	18209.4	18440.3	17542.7	16108.8	14124.7	12174.7	10193.7	8049.7
-25°	10945.6	11726.9	12171.5	12097.6	12171.5	11726.9	10945.6	9814.6	8476.4	7270.5	5857.3
-27.5°	7458.8	7871.5	8009.3	8002.0	8009.3	7871.5	7458.8	6770.0	5848.7	5240.1	4496.9
-30°	5177.0	5454.4	5613.0	5513.2	5613.0	5454.4	5177.0	4820.3	4340.5	3949.3	3520.4
-32.5°	3858.5	4014.9	4105.4	4011.5	4105.4	4014.9	3858.5	3661.8	3407.2	3132.0	2833.9
-35°	3040.9	3120.0	3151.9	3097.9	3151.9	3120.0	3040.9	2919.7	2755.8	2570.5	2364.1
-37.5°	2479.2	2525.5	2541.3	2509.8	2541.3	2525.5	2479.2	2406.8	2307.4	2187.1	2050.8
-40°	2100.7	2129.2	2136.2	2110.8	2136.2	2129.2	2100.7	2057.7	1997.4	1923.9	1828.4
-42.5°	1838.0	1855.0	1859.0	1848.2	1859.0	1855.0	1838.0	1810.5	1766.8	1710.0	1645.2
-45°	1642.7	1657.2	1659.9	1648.7	1659.9	1657.2	1642.7	1621.1	1584.7	1535.8	1478.3
-47.5°	1484.5	1493.5	1495.8	1491.2	1495.8	1493.5	1484.5	1470.6	1442.8	1400.2	1350.0
-50°	1363.5	1369.6	1370.2	1365.2	1370.2	1369.6	1363.5	1353.5	1331.7	1289.9	1241.9
-52.5°	1262.0	1266.4	1269.3	1270.7	1269.3	1266.4	1262.0	1254.2	1237.6	1198.2	1156.2
-55°	1176.6	1182.2	1185.6	1186.7	1185.6	1182.2	1176.6	1168.8	1157.7	1120.3	1078.8
-57.5°	1103.9	1109.0	1112.1	1113.1	1112.1	1109.0	1103.9	1096.8	1087.8	1052.0	1011.9
-60°	1028.2	1034.4	1038.3	1039.6	1038.3	1034.4	1028.2	1019.9	1009.9	978.6	941.2
-62.5°	928.2	930.9	933.5	934.6	933.5	930.9	928.2	922.9	914.8	890.1	856.5
-65°	830.2	835.8	839.1	840.1	839.1	835.8	830.2	822.1	811.2	789.5	759.1
-67.5°	723.9	731.2	739.0	745.6	739.0	731.2	723.9	714.5	703.0	684.6	658.5
-70°	627.6	636.9	639.9	640.6	639.9	636.9	627.6	616.8	604.6	588.3	566.0
-72.5°	534.3	543.0	550.4	556.6	550.4	543.0	534.3	524.2	513.0	499.0	479.7
-75°	440.8	449.0	451.0	451.6	451.0	449.0	440.8	431.6	421.2	408.8	391.7
-77.5°	347.4	354.9	356.6	357.0	356.6	354.9	347.4	339.1	330.2	320.4	307.9
-80°	256.9	261.1	267.3	273.0	267.3	261.1	256.9	252.3	247.2	241.4	232.5
-82.5°	176.8	177.8	178.3	178.5	178.3	177.8	176.8	175.4	173.4	170.7	163.1
-85°	111.8	115.0	115.4	115.5	115.4	115.0	111.8	108.5	105.0	101.4	97.4
-87.5°	52.1	52.3	52.4	52.5	52.4	52.3	52.1	51.7	51.3	50.7	47.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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°	2.6	1.9	0.1	0.0	0.0	0.1	0.6	0.0	0.0	0.3	2.8
62.5°	10.7	11.6	12.0	10.9	8.1	5.1	6.1	7.3	5.1	1.0	3.6
60°	39.5	25.1	35.6	39.1	34.4	24.7	25.2	23.4	19.4	15.4	10.2
57.5°	129.4	125.1	102.6	88.7	84.5	74.9	61.6	49.1	43.3	34.9	24.7
55°	178.4	171.2	159.0	142.1	123.1	117.5	106.8	91.7	76.9	59.6	48.4
52.5°	219.4	221.3	214.3	194.0	177.0	165.7	151.1	136.6	118.8	101.9	79.5
50°	313.5	301.5	290.2	278.6	251.9	225.7	207.4	187.5	161.9	142.9	124.0
47.5°	400.3	382.5	370.4	355.0	324.5	297.1	268.2	240.1	208.3	178.5	159.7
45°	474.5	448.7	425.5	406.4	380.0	348.6	322.9	291.7	255.4	220.8	188.4
42.5°	549.9	510.7	479.4	460.1	428.2	395.9	366.9	342.9	303.5	263.1	230.4
40°	650.2	571.6	542.4	534.8	504.5	453.1	428.5	402.2	360.2	307.4	275.3
37.5°	815.5	710.3	658.7	631.8	604.2	550.8	503.0	468.5	430.8	371.3	325.4
35°	1049.6	926.1	813.7	755.6	723.1	650.5	587.5	540.1	495.1	438.8	379.2
32.5°	1255.1	1115.9	981.6	880.1	807.1	740.1	669.7	611.1	552.1	494.5	435.9
30°	1554.9	1322.5	1137.3	994.3	900.5	817.2	742.6	671.8	605.1	544.5	485.5
27.5°	1962.2	1591.2	1339.7	1138.5	998.5	899.6	814.6	731.9	655.8	590.5	530.0
25°	2561.3	1968.2	1592.2	1320.7	1117.8	990.7	893.6	798.1	709.2	634.8	583.6
22.5°	3421.8	2611.6	1992.0	1517.8	1291.5	1130.5	987.0	866.8	766.0	699.6	638.9
20°	4903.7	3495.9	2579.9	1971.0	1554.5	1296.1	1100.0	958.7	855.7	770.2	694.9
17.5°	7436.7	5152.5	3340.5	2538.1	1945.2	1543.7	1261.1	1073.5	943.8	841.3	751.4
15°	10540.6	7071.3	4669.9	3270.2	2383.9	1749.9	1412.3	1187.4	1034.0	915.8	808.2
12.5°	13772.9	8897.4	5771.1	3826.3	2697.8	1969.6	1571.0	1317.2	1124.3	969.5	845.8
10°	16581.3	10773.8	6880.7	4483.3	3052.6	2180.7	1696.6	1399.1	1178.2	1008.2	877.6
7.5°	19683.9	12692.7	7902.2	4964.3	3345.6	2349.9	1781.5	1454.1	1222.7	1040.5	903.9
5°	21982.5	14157.6	8766.2	5403.0	3565.9	2479.0	1847.7	1493.4	1257.6	1066.3	924.7
2.5°	23524.7	15177.6	9308.6	5705.0	3702.2	2577.8	1901.0	1530.3	1284.6	1092.4	947.7
0°	24006.1	15279.5	9724.3	5891.3	3791.0	2667.3	1942.8	1564.7	1302.2	1113.1	966.1
-2.5°	24153.0	15454.6	9682.7	5932.1	3821.5	2715.2	1960.5	1571.1	1315.9	1120.9	968.7
-5°	23193.8	15001.9	9465.7	5890.4	3798.5	2714.5	1990.0	1582.5	1323.7	1123.6	966.5
-7.5°	21508.3	14023.1	8897.4	5623.5	3688.5	2671.2	2011.2	1597.4	1330.8	1131.8	974.0
-10°	18945.3	12453.0	8013.9	5175.8	3505.2	2588.1	1991.7	1589.3	1326.2	1130.5	975.7
-12.5°	16366.7	10694.2	6869.6	4548.6	3206.0	2434.6	1916.8	1556.8	1309.6	1118.9	971.1
-15°	13092.2	8950.9	6021.4	4118.4	2936.5	2269.3	1822.1	1505.8	1281.5	1098.0	960.1
-17.5°	10515.7	7261.2	4931.9	3532.2	2676.6	2124.1	1748.3	1464.5	1248.4	1076.9	945.2
-20°	8089.3	5719.1	4175.8	3107.9	2409.1	1945.4	1648.3	1403.6	1210.4	1055.0	931.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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°	6096.2	4631.8	3465.9	2671.3	2159.9	1807.1	1548.3	1335.8	1164.2	1023.7	912.7
-25°	4736.7	3694.3	2898.7	2359.7	1940.2	1654.7	1455.5	1282.1	1127.6	992.6	890.6
-27.5°	3746.0	2999.6	2487.8	2069.6	1762.0	1551.4	1380.3	1226.3	1088.2	969.1	868.1
-30°	3033.3	2548.8	2154.4	1840.8	1621.6	1445.4	1307.7	1178.9	1051.4	939.0	843.9
-32.5°	2484.8	2187.1	1890.6	1665.6	1483.6	1348.5	1236.4	1127.8	1006.5	908.0	818.7
-35°	2127.6	1911.1	1700.5	1521.1	1367.6	1264.7	1165.0	1063.3	964.5	873.0	789.9
-37.5°	1879.0	1702.2	1543.7	1399.1	1284.9	1188.1	1100.4	1010.7	921.0	837.0	760.2
-40°	1685.3	1535.2	1410.1	1300.1	1208.5	1125.7	1045.9	963.1	883.3	799.1	728.2
-42.5°	1527.1	1408.6	1300.3	1215.8	1138.1	1067.5	997.3	925.1	846.9	767.1	692.3
-45°	1396.6	1303.4	1212.7	1137.9	1071.5	1012.1	958.3	886.2	809.6	729.9	653.9
-47.5°	1287.1	1210.1	1134.5	1064.7	1010.0	958.6	906.7	843.0	762.7	687.5	622.8
-50°	1190.0	1128.0	1063.9	999.7	951.6	904.5	849.9	783.3	714.0	652.2	591.1
-52.5°	1111.7	1055.7	999.9	946.1	899.1	849.7	791.1	733.6	674.5	616.4	560.2
-55°	1032.7	987.0	942.3	897.9	853.8	802.7	748.7	691.5	633.6	579.3	522.0
-57.5°	970.3	928.5	888.2	848.1	808.4	758.0	703.0	647.1	587.4	532.5	478.6
-60°	904.2	867.8	827.9	789.0	751.6	706.7	647.1	589.6	534.4	482.3	430.3
-62.5°	821.9	786.5	751.8	714.2	674.8	630.5	576.2	523.2	475.4	430.1	383.3
-65°	727.4	694.7	661.3	624.2	582.9	537.3	491.2	452.2	415.3	376.9	335.6
-67.5°	630.7	601.2	566.8	529.5	493.9	457.3	424.1	390.7	356.2	320.9	284.0
-70°	543.1	519.6	491.6	459.2	425.3	391.0	359.3	328.3	296.3	266.7	238.3
-72.5°	459.3	437.7	412.4	382.8	352.9	324.2	297.4	272.1	247.2	222.7	197.5
-75°	374.1	356.0	336.0	311.9	287.8	263.6	241.5	221.1	200.1	178.6	157.2
-77.5°	294.9	281.6	267.1	248.2	229.2	210.3	191.6	173.2	155.8	139.6	124.7
-80°	223.0	213.0	201.9	186.9	171.7	156.7	142.0	129.4	117.6	106.8	96.3
-82.5°	155.3	147.4	139.2	128.5	117.8	107.3	97.0	89.4	81.9	74.6	67.6
-85°	93.3	89.0	84.5	78.4	72.6	67.1	62.0	57.7	53.4	48.9	44.5
-87.5°	44.4	41.2	38.1	37.3	36.4	35.4	34.4	31.2	28.1	25.1	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: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-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	0.9	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.3	2.2	0.7
70°	0.0	0.0	0.0	0.9	1.0	0.0	0.0	1.4	3.9	4.4	3.2
67.5°	0.0	0.0	0.0	2.2	3.5	3.0	0.7	1.8	4.3	6.7	5.9
65°	3.5	2.5	0.2	2.7	5.2	6.8	5.1	3.2	4.6	7.1	8.7
62.5°	6.2	7.9	5.9	4.3	5.8	8.3	9.7	6.6	5.5	7.5	9.8
60°	6.9	9.4	10.6	8.3	7.4	8.9	10.5	9.6	7.6	7.9	10.2
57.5°	18.5	11.9	11.9	11.3	9.5	9.7	10.5	10.5	9.4	8.8	10.5
55°	34.3	25.1	17.7	14.2	11.9	10.4	10.8	10.5	10.5	9.7	10.5
52.5°	59.7	43.3	31.8	21.5	16.0	11.9	11.9	10.5	10.5	10.3	10.5
50°	95.0	68.3	50.1	36.0	22.4	17.5	13.6	12.2	10.5	10.5	10.5
47.5°	138.9	102.0	73.0	52.7	36.9	23.8	18.7	14.5	10.5	10.5	10.5
45°	171.4	142.4	101.8	73.7	51.9	35.7	25.2	17.3	13.0	10.9	10.5
42.5°	203.4	177.1	138.5	94.3	71.4	49.3	32.2	23.2	16.0	11.5	10.9
40°	244.2	211.3	173.6	128.7	92.7	62.7	43.7	29.9	19.3	13.4	11.7
37.5°	286.4	249.6	208.4	161.7	116.9	83.1	55.3	36.9	24.2	17.0	12.8
35°	333.6	289.4	242.8	193.2	145.6	104.1	66.6	45.3	30.9	20.9	14.0
32.5°	381.4	327.7	274.9	223.9	172.4	125.8	82.5	56.1	37.3	25.0	15.5
30°	427.7	365.6	304.5	253.1	197.9	148.8	102.5	67.9	43.5	29.2	17.5
27.5°	469.8	402.7	333.1	279.2	223.4	170.3	122.5	80.6	49.4	33.8	20.9
25°	513.8	440.4	365.8	302.4	247.5	192.0	141.1	94.2	58.2	38.8	24.2
22.5°	563.9	478.5	397.4	323.4	272.8	213.2	158.9	110.3	68.8	43.6	27.6
20°	617.6	516.2	429.0	353.2	296.5	235.0	176.6	125.1	79.5	48.1	31.0
17.5°	672.6	557.6	467.3	387.2	320.0	255.4	193.4	138.6	90.3	52.3	34.3
15°	710.0	599.0	501.7	419.0	343.5	274.2	209.4	150.8	100.9	56.2	37.5
12.5°	741.2	634.6	532.1	448.5	366.6	291.4	224.2	161.8	111.3	61.6	40.7
10°	768.8	664.7	558.5	475.4	389.1	307.0	237.9	171.5	120.9	68.3	43.6
7.5°	792.7	689.5	581.2	499.8	410.4	322.7	249.2	180.1	129.2	75.2	46.3
5°	812.6	710.8	600.2	515.6	430.2	339.2	258.8	187.6	136.3	82.0	48.6
2.5°	828.5	730.3	616.5	527.0	447.4	354.3	266.7	194.1	142.2	88.5	50.7
0°	840.1	745.6	630.1	535.6	462.1	367.5	273.0	199.5	147.0	94.5	52.5
-2.5°	847.7	748.1	644.6	545.5	470.9	378.5	285.8	206.3	150.9	99.9	55.7
-5°	851.0	747.9	655.4	553.1	477.2	387.3	296.4	211.8	153.9	104.5	58.5
-7.5°	855.7	751.3	661.2	559.1	481.5	394.1	304.7	216.0	156.3	108.2	61.1
-10°	857.5	754.9	662.7	566.5	485.0	399.0	310.0	218.6	158.0	111.0	63.4
-12.5°	855.0	754.5	662.3	570.6	486.7	401.9	312.8	222.7	159.5	112.7	65.3
-15°	848.3	750.1	660.7	571.1	486.4	402.9	313.7	226.5	162.7	113.1	66.9
-17.5°	837.8	741.4	658.3	567.6	484.4	402.3	312.7	228.2	164.4	112.3	68.5
-20°	827.4	733.4	654.8	560.0	480.8	400.1	310.0	227.8	164.3	110.7	69.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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°	813.8	726.0	643.2	552.4	475.6	396.4	305.7	225.2	162.4	108.2	70.8
-25°	796.6	714.6	629.9	546.5	468.9	389.0	300.6	220.3	158.6	104.9	71.1
-27.5°	779.4	699.2	615.9	538.3	459.8	379.9	293.8	215.6	153.3	100.7	70.9
-30°	759.3	681.9	603.6	527.1	447.0	367.1	284.2	208.4	147.6	98.5	70.1
-32.5°	737.4	664.5	589.8	510.2	431.0	352.9	271.9	198.5	141.0	97.3	69.3
-35°	715.3	645.1	573.1	489.1	413.7	337.5	259.5	185.8	133.6	95.3	68.3
-37.5°	689.3	621.1	546.0	466.5	395.3	320.9	247.8	178.6	125.2	92.6	67.1
-40°	659.7	591.6	515.0	445.3	375.9	303.3	235.2	172.1	119.8	89.0	65.5
-42.5°	626.6	558.6	490.2	423.6	355.6	288.4	222.2	163.9	117.4	86.2	63.6
-45°	592.6	528.7	466.9	401.2	335.1	272.8	211.3	155.0	113.8	83.7	61.6
-47.5°	560.8	503.4	441.6	377.1	317.2	256.8	198.6	149.0	108.9	80.8	59.5
-50°	533.9	475.7	413.8	352.7	296.3	240.5	185.4	141.3	104.8	77.8	57.0
-52.5°	502.9	444.1	383.5	325.8	273.9	222.3	174.2	132.1	99.0	73.9	53.9
-55°	466.0	407.7	349.7	299.1	250.6	205.1	160.9	122.5	91.6	69.5	50.3
-57.5°	422.9	366.3	318.8	272.7	227.3	185.8	146.2	111.0	84.9	64.5	46.3
-60°	378.6	332.8	289.3	244.4	202.6	164.9	129.5	99.4	78.1	58.9	41.8
-62.5°	339.3	297.4	254.6	213.5	176.9	143.0	112.2	90.5	70.7	52.8	37.0
-65°	295.1	255.5	217.2	183.4	150.9	122.4	100.7	80.8	62.6	46.3	32.6
-67.5°	247.6	216.0	183.7	153.0	129.1	108.0	88.4	70.4	54.0	39.2	29.9
-70°	209.3	179.6	153.2	131.4	111.5	92.8	75.4	59.5	44.9	35.1	26.9
-72.5°	172.7	149.8	129.0	110.4	93.1	76.9	61.8	48.8	39.1	30.7	23.7
-75°	137.6	121.1	104.7	88.6	74.0	60.7	50.7	41.1	33.0	26.1	20.8
-77.5°	110.2	95.5	80.5	69.1	60.0	50.9	41.8	33.0	27.3	22.6	17.9
-80°	84.8	74.5	65.5	57.7	49.4	41.1	34.0	27.8	23.6	19.3	14.9
-82.5°	61.0	55.5	50.7	46.1	39.7	33.7	28.3	23.6	19.7	15.8	11.7
-85°	41.6	38.9	36.6	34.4	30.1	26.1	21.7	17.7	14.0	10.7	7.8
-87.5°	21.3	20.2	19.2	18.0	15.5	13.1	10.9	8.9	7.0	5.4	3.9
-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: P627998 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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	0.9	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	1.4	0.0
72.5°	0.5	1.6	1.1	0.0	0.3	1.7	0.0
70°	1.2	2.4	2.1	0.2	0.4	1.9	0.0
67.5°	3.7	3.2	3.2	1.2	0.6	2.2	0.0
65°	6.1	4.5	4.2	2.3	0.8	2.4	0.0
62.5°	8.3	6.0	5.4	3.3	1.1	2.7	0.0
60°	10.3	7.3	6.6	4.4	1.4	3.0	0.0
57.5°	10.5	8.6	7.4	5.5	2.3	3.3	0.0
55°	10.5	9.7	8.1	6.7	3.2	3.6	0.0
52.5°	10.5	10.5	8.7	7.8	4.0	3.9	0.0
50°	10.5	10.5	9.3	9.0	4.7	4.2	0.0
47.5°	10.5	10.5	9.7	9.9	5.5	4.5	0.0
45°	10.5	10.5	10.1	10.2	6.1	4.8	0.0
42.5°	10.5	10.5	10.4	10.4	6.8	5.1	0.0
40°	10.5	10.5	10.5	10.5	7.3	5.5	0.0
37.5°	10.5	10.5	10.5	10.5	7.8	5.8	0.0
35°	10.5	10.5	10.5	10.5	8.3	6.1	0.0
32.5°	10.8	10.5	10.5	10.5	8.7	6.5	0.0
30°	11.9	10.5	10.5	10.5	9.1	6.8	0.0
27.5°	13.1	10.5	10.5	10.5	9.4	7.2	0.0
25°	14.3	10.5	10.5	10.5	9.7	7.5	0.0
22.5°	15.6	10.7	10.5	10.5	9.9	7.8	0.0
20°	17.0	11.5	10.5	10.5	10.1	8.2	0.0
17.5°	18.8	12.4	10.5	10.5	10.2	8.5	0.0
15°	21.0	13.5	10.5	10.5	10.3	8.8	0.0
12.5°	23.0	14.7	10.5	10.5	10.4	9.1	0.0
10°	24.9	15.9	10.5	10.5	10.4	9.4	0.0
7.5°	26.7	17.2	10.5	10.5	10.5	9.7	0.0
5°	28.4	18.5	10.5	10.5	10.5	10.0	0.0
2.5°	30.0	19.8	10.5	10.5	10.5	10.3	0.0
0°	31.5	21.0	10.5	10.5	10.5	10.5	0.0
-2.5°	34.2	22.1	11.4	10.5	10.5	10.5	0.0
-5°	36.8	23.1	12.3	10.5	10.5	10.5	0.0
-7.5°	39.1	24.0	13.2	10.5	10.5	10.4	0.0
-10°	41.2	24.8	14.0	10.5	10.5	10.3	0.0
-12.5°	42.9	25.5	14.7	10.5	10.5	10.3	0.0
-15°	44.2	26.1	15.2	10.5	10.5	10.1	0.0
-17.5°	45.1	26.5	15.7	10.5	10.5	10.0	0.0
-20°	45.7	26.9	16.0	10.5	10.5	9.9	0.0

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CATALOG NUMBER: GFLD-SA6E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.3	27.1	16.1	10.5	10.5	9.7	0.0
-25°	46.6	27.8	16.1	10.5	10.5	9.5	0.0
-27.5°	46.6	28.5	15.8	10.5	10.5	9.3	0.0
-30°	46.4	29.0	15.4	10.5	10.5	9.1	0.0
-32.5°	45.8	29.2	15.4	10.5	10.5	8.9	0.0
-35°	45.7	29.2	15.2	10.5	10.5	8.6	0.0
-37.5°	45.5	28.9	14.8	10.5	10.5	8.3	0.0
-40°	44.9	28.3	14.3	10.5	10.5	8.0	0.0
-42.5°	44.0	27.4	14.2	10.6	10.5	7.7	0.0
-45°	42.6	26.3	14.5	10.9	10.5	7.4	0.0
-47.5°	40.9	24.9	14.8	11.1	10.5	7.1	0.0
-50°	38.8	23.3	14.9	11.2	10.5	6.7	0.0
-52.5°	36.4	21.4	14.9	11.3	10.5	6.4	0.0
-55°	33.6	20.8	14.8	11.4	10.5	6.0	0.0
-57.5°	30.4	20.3	14.6	11.4	10.5	5.6	0.0
-60°	27.2	19.7	14.3	11.3	10.5	5.2	0.0
-62.5°	25.8	18.8	13.9	11.2	9.7	4.8	0.0
-65°	24.2	17.8	13.4	11.0	8.9	4.4	0.0
-67.5°	22.4	16.7	12.8	10.8	8.0	4.0	0.0
-70°	20.4	15.5	12.2	10.6	7.2	3.6	0.0
-72.5°	18.2	14.1	11.4	9.4	6.3	3.2	0.0
-75°	15.9	12.6	10.6	8.1	5.4	2.7	0.0
-77.5°	13.4	11.1	9.0	6.8	4.5	2.3	0.0
-80°	10.8	9.0	7.3	5.5	3.6	1.8	0.0
-82.5°	8.1	6.8	5.5	4.1	2.7	1.4	0.0
-85°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-87.5°	2.7	2.3	1.8	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)