

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: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627938 (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-SA6D-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: -

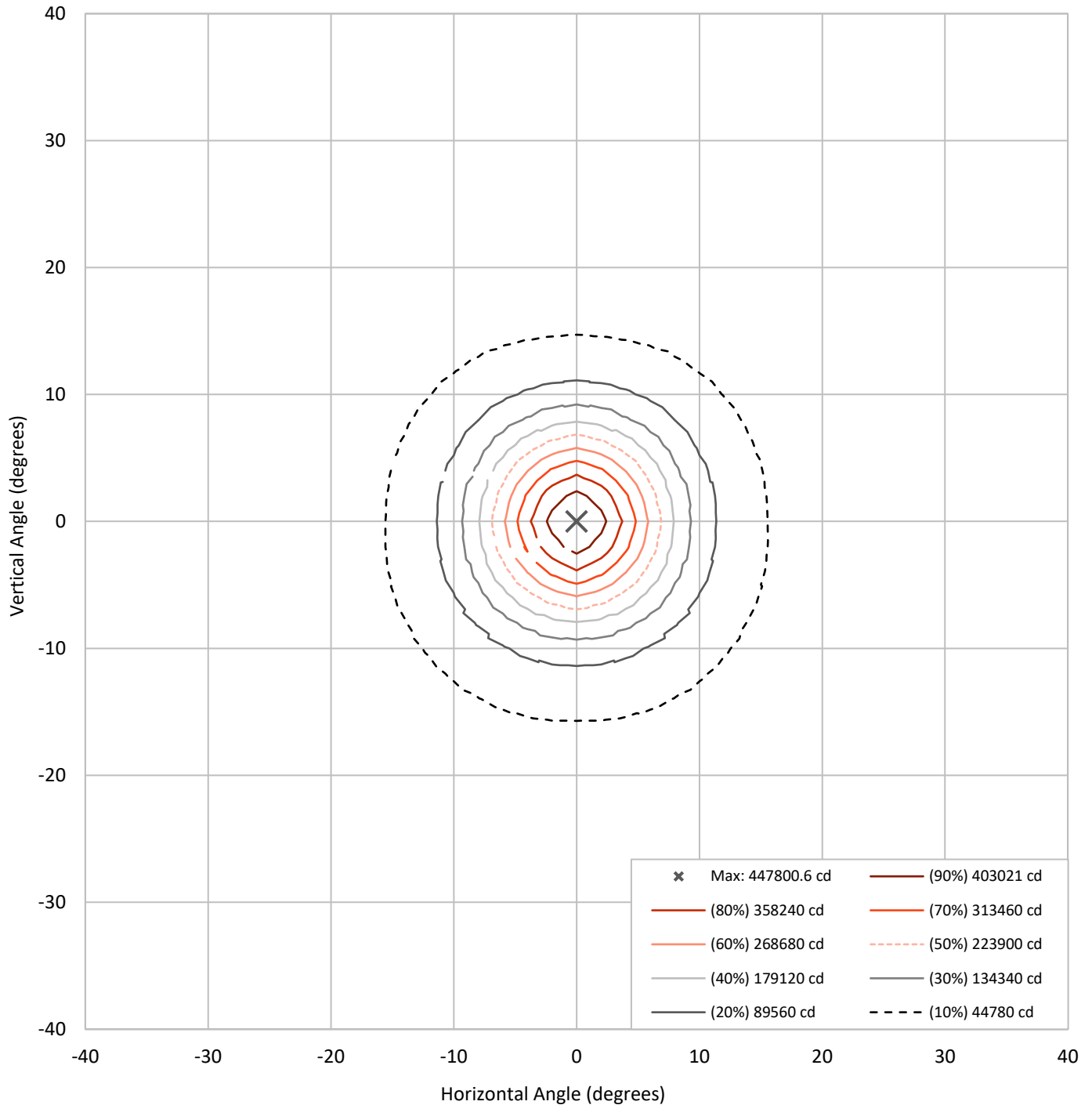
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	44176.4 lumens	Max Intensity:	447800.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.6 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:	14103.1 lumens	Field Lumens:	31412.2 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





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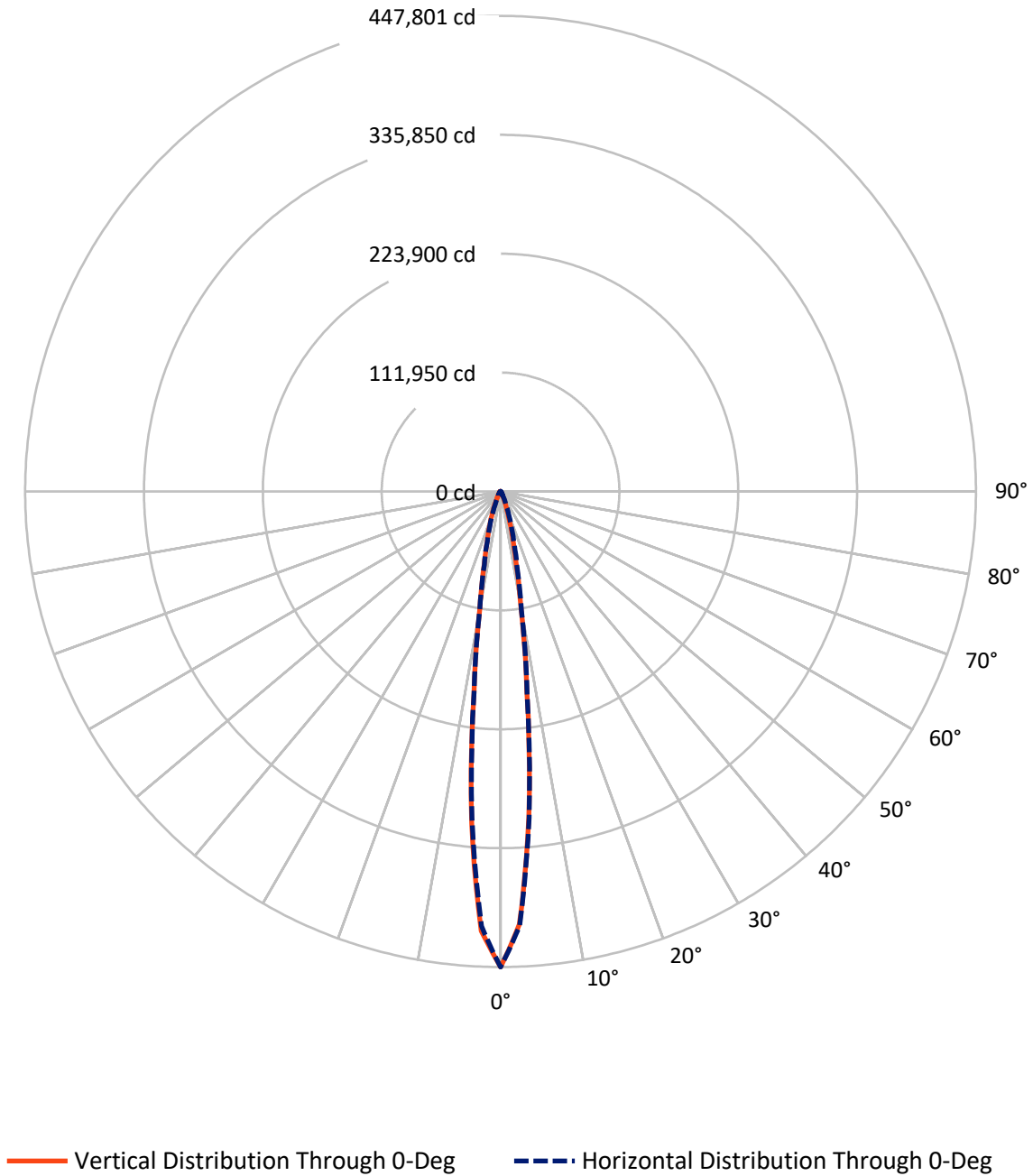
Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	0.1	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	0.1			
50		0.1	0.3	1.1	2.4	3.9	5.2	6.3	6.3	5.2	3.9	2.4	1.1	0.3	0.1				
40	0.2	0.2	1.3	3.8	7.2	10.6	14.9	17.6	17.6	14.9	10.6	7.2	3.8	1.3	0.2	0.2			
30		0.6	3.1	7.5	13.4	21.1	35.9	45.7	45.7	35.9	21.1	13.4	7.5	3.1	0.6				
20	0.4	1.2	4.9	11.4	20.7	44.9	120.0	198.7	198.7	120.0	44.9	20.7	11.4	4.9	1.2	0.4			
10		1.9	6.8	15.7	34.2	134.3	566.3	1244.7	1244.7	566.3	134.3	34.2	15.7	6.8	1.9				
0	0.7	2.4	8.2	18.5	46.4	252.2	1356.9	6085.6	6085.6	1356.9	252.2	46.4	18.5	8.2	2.4	0.7			
-10		2.7	9.0	19.5	49.9	268.7	1404.5	6188.9	6188.9	1404.5	268.7	49.9	19.5	9.0	2.7				
-20	0.8	2.9	9.1	19.1	43.7	171.0	681.8	1458.3	1458.3	681.8	171.0	43.7	19.1	9.1	2.9	0.8			
-30		2.8	8.7	17.6	33.8	79.9	210.1	350.2	350.2	210.1	79.9	33.8	17.6	8.7	2.8				
-40	0.8	2.4	7.8	15.5	26.4	43.9	71.4	90.7	90.7	71.4	43.9	26.4	15.5	7.8	2.4	0.8			
-50		2.0	6.4	12.9	21.4	30.7	41.2	46.0	46.0	41.2	30.7	21.4	12.9	6.4	2.0				
-60	0.5	1.5	4.8	10.1	16.8	23.5	29.7	32.5	32.5	29.7	23.5	16.8	10.1	4.8	1.5	0.5			
-70		1.0	3.0	6.5	11.3	16.4	20.7	22.8	22.8	20.7	16.4	11.3	6.5	3.0	1.0				
-80	0.2	2.7		11.1		24.4		30.9		24.4		11.1		2.7		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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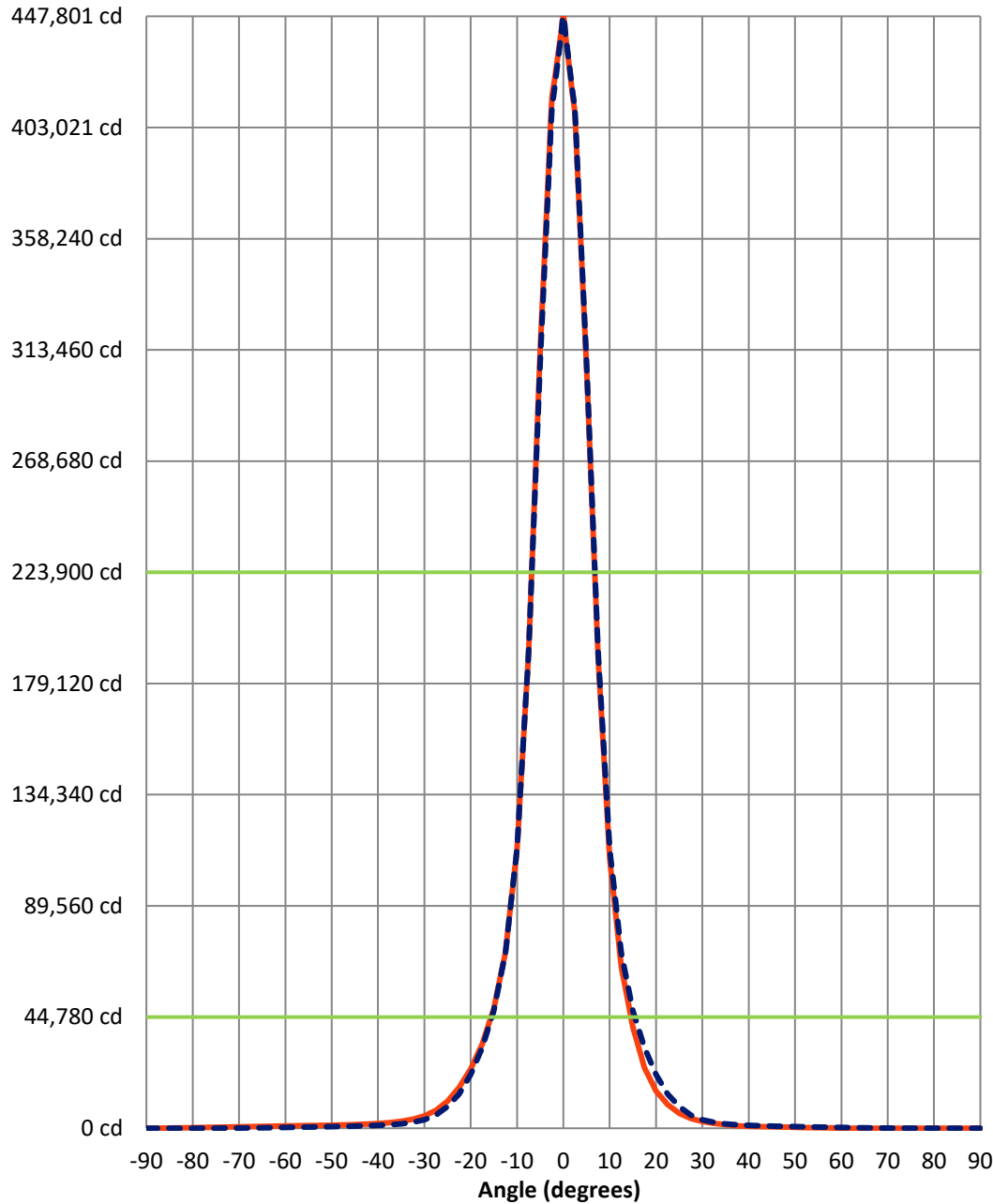
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 14103.1
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 31412.2
 Efficiency: 71.1%

Spill:
 Lumens: 12764.2
 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	1.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.3	0.2	0.0	0.2	0.8	0.2	0.0	0.2	0.8	0.4
72.5°	0.0	1.5	0.3	0.0	1.0	1.4	0.5	0.6	2.0	2.1	0.9
70°	0.0	1.7	0.4	0.2	1.9	2.1	1.1	2.9	4.0	3.5	1.3
67.5°	0.0	2.0	0.6	1.1	2.9	2.9	3.4	5.4	6.1	3.9	1.6
65°	0.0	2.2	0.7	2.1	3.8	4.1	5.5	7.9	6.4	4.2	2.9
62.5°	0.0	2.4	1.0	3.0	4.9	5.4	7.5	8.9	6.8	4.9	6.0
60°	0.0	2.7	1.3	4.0	6.0	6.6	9.3	9.2	7.1	6.9	8.7
57.5°	0.0	3.0	2.1	5.0	6.7	7.8	9.5	9.5	8.0	8.5	9.5
55°	0.0	3.2	2.9	6.0	7.3	8.8	9.5	9.5	8.8	9.5	9.5
52.5°	0.0	3.5	3.6	7.1	7.9	9.5	9.5	9.5	9.3	9.5	9.5
50°	0.0	3.8	4.3	8.1	8.4	9.5	9.5	9.5	9.5	9.5	11.0
47.5°	0.0	4.1	4.9	9.0	8.8	9.5	9.5	9.5	9.5	9.5	13.1
45°	0.0	4.3	5.6	9.2	9.1	9.5	9.5	9.5	9.8	11.8	15.6
42.5°	0.0	4.6	6.1	9.4	9.4	9.5	9.5	9.8	10.4	14.4	21.0
40°	0.0	4.9	6.6	9.5	9.5	9.5	9.5	10.6	12.1	17.4	27.0
37.5°	0.0	5.2	7.1	9.5	9.5	9.5	9.5	11.5	15.4	21.9	33.3
35°	0.0	5.5	7.5	9.5	9.5	9.5	9.5	12.7	18.9	27.9	40.8
32.5°	0.0	5.9	7.9	9.5	9.5	9.5	9.8	14.0	22.6	33.7	50.6
30°	0.0	6.2	8.2	9.5	9.5	9.5	10.8	15.8	26.4	39.3	61.3
27.5°	0.0	6.5	8.5	9.5	9.5	9.5	11.8	18.9	30.5	44.6	72.7
25°	0.0	6.8	8.7	9.5	9.5	9.5	13.0	21.9	35.1	52.6	85.0
22.5°	0.0	7.1	8.9	9.5	9.5	9.7	14.1	25.0	39.3	62.1	99.5
20°	0.0	7.4	9.1	9.5	9.5	10.4	15.3	28.0	43.4	71.8	112.9
17.5°	0.0	7.7	9.2	9.5	9.5	11.2	17.0	30.9	47.2	81.5	125.1
15°	0.0	8.0	9.3	9.5	9.5	12.2	19.0	33.9	50.8	91.1	136.1
12.5°	0.0	8.3	9.4	9.5	9.5	13.3	20.8	36.7	55.6	100.4	146.0
10°	0.0	8.5	9.4	9.5	9.5	14.4	22.5	39.4	61.7	109.1	154.8
7.5°	0.0	8.8	9.5	9.5	9.5	15.6	24.1	41.8	67.9	116.6	162.5
5°	0.0	9.1	9.5	9.5	9.5	16.8	25.7	43.9	74.0	123.0	169.3
2.5°	0.0	9.3	9.5	9.5	9.5	17.9	27.1	45.8	79.9	128.3	175.2
0°	0.0	9.5	9.5	9.5	9.5	19.0	28.4	47.4	85.3	132.7	180.1
-2.5°	0.0	9.5	9.5	9.5	10.3	20.0	30.9	50.2	90.2	136.2	186.2
-5°	0.0	9.5	9.5	9.5	11.1	20.9	33.2	52.8	94.3	139.0	191.2
-7.5°	0.0	9.4	9.5	9.5	11.9	21.7	35.3	55.1	97.7	141.1	195.0
-10°	0.0	9.4	9.5	9.5	12.6	22.4	37.2	57.2	100.2	142.6	197.3
-12.5°	0.0	9.3	9.5	9.5	13.3	23.0	38.7	58.9	101.7	144.0	201.0
-15°	0.0	9.2	9.5	9.5	13.8	23.5	39.9	60.4	102.1	146.9	204.4
-17.5°	0.0	9.1	9.5	9.5	14.2	24.0	40.7	61.8	101.4	148.4	206.0
-20°	0.0	8.9	9.5	9.5	14.5	24.3	41.3	63.1	99.9	148.3	205.7

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6D-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	8.8	9.5	9.5	14.6	24.5	41.8	63.9	97.6	146.6	203.3
-25°	0.0	8.6	9.5	9.5	14.5	25.1	42.0	64.2	94.6	143.2	198.9
-27.5°	0.0	8.4	9.5	9.5	14.3	25.8	42.0	64.0	90.9	138.3	194.6
-30°	0.0	8.2	9.5	9.5	14.0	26.2	41.8	63.3	88.9	133.2	188.1
-32.5°	0.0	8.0	9.5	9.5	13.9	26.4	41.3	62.5	87.8	127.3	179.1
-35°	0.0	7.8	9.5	9.5	13.7	26.4	41.2	61.7	86.0	120.5	167.7
-37.5°	0.0	7.5	9.5	9.5	13.4	26.1	41.1	60.5	83.5	113.0	161.2
-40°	0.0	7.3	9.5	9.5	12.9	25.6	40.6	59.1	80.4	108.1	155.3
-42.5°	0.0	7.0	9.5	9.6	12.8	24.8	39.7	57.4	77.8	105.9	147.9
-45°	0.0	6.7	9.5	9.8	13.1	23.8	38.5	55.6	75.5	102.7	139.9
-47.5°	0.0	6.4	9.5	10.0	13.4	22.5	37.0	53.7	72.9	98.3	134.5
-50°	0.0	6.1	9.5	10.2	13.5	21.0	35.1	51.4	70.2	94.6	127.6
-52.5°	0.0	5.8	9.5	10.3	13.5	19.3	32.8	48.6	66.7	89.3	119.3
-55°	0.0	5.4	9.5	10.3	13.4	18.8	30.3	45.4	62.7	82.6	110.6
-57.5°	0.0	5.1	9.5	10.3	13.2	18.3	27.4	41.8	58.2	76.6	100.2
-60°	0.0	4.7	9.5	10.2	13.0	17.8	24.5	37.8	53.2	70.5	89.8
-62.5°	0.0	4.4	8.8	10.1	12.6	17.0	23.3	33.4	47.7	63.8	81.7
-65°	0.0	4.0	8.0	10.0	12.1	16.1	21.9	29.4	41.7	56.5	72.9
-67.5°	0.0	3.6	7.3	9.8	11.6	15.1	20.2	27.0	35.4	48.7	63.6
-70°	0.0	3.2	6.5	9.5	11.0	14.0	18.4	24.3	31.7	40.5	53.7
-72.5°	0.0	2.9	5.7	8.5	10.4	12.7	16.5	21.5	27.7	35.3	44.0
-75°	0.0	2.5	4.9	7.4	9.6	11.4	14.3	18.8	23.5	29.8	37.0
-77.5°	0.0	2.1	4.1	6.2	8.2	10.0	12.1	16.2	20.4	24.7	29.7
-80°	0.0	1.6	3.3	4.9	6.6	8.2	9.8	13.5	17.4	21.3	25.1
-82.5°	0.0	1.2	2.5	3.7	4.9	6.2	7.4	10.6	14.3	17.8	21.3
-85°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	7.1	9.7	12.7	16.0
-87.5°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	3.6	4.9	6.4	8.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	2.7	3.2	2.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
65°	4.6	6.2	4.7	2.5	0.2	2.2	3.2	2.6	0.3	0.0	0.0
62.5°	8.8	7.5	5.3	3.9	5.4	7.2	5.6	3.3	0.9	4.6	6.6
60°	9.5	8.0	6.7	7.5	9.6	8.5	6.2	9.2	13.9	17.5	21.2
57.5°	9.5	8.8	8.6	10.3	10.8	10.8	16.7	22.3	31.5	39.1	44.3
55°	9.8	9.4	10.8	12.8	16.0	22.6	30.9	43.6	53.8	69.4	82.8
52.5°	10.8	10.7	14.5	19.4	28.7	39.1	53.8	71.7	92.0	107.3	123.4
50°	12.3	15.9	20.3	32.5	45.2	61.6	85.7	111.9	129.0	146.2	169.3
47.5°	16.9	21.5	33.4	47.6	65.9	92.1	125.4	144.2	161.1	188.0	216.8
45°	22.8	32.3	46.9	66.5	91.9	128.5	154.7	170.1	199.4	230.5	263.3
42.5°	29.1	44.5	64.4	85.1	125.0	159.9	183.6	208.0	237.5	273.9	309.5
40°	39.4	56.6	83.7	116.2	156.8	190.8	220.5	248.6	277.5	325.2	363.0
37.5°	49.9	75.0	105.5	146.0	188.1	225.3	258.5	293.7	335.1	388.8	422.8
35°	60.1	94.0	131.4	174.5	219.2	261.3	301.1	342.3	396.0	446.8	487.5
32.5°	74.5	113.5	155.6	202.1	248.2	295.8	344.2	393.4	446.3	498.3	551.6
30°	92.5	134.3	178.6	228.5	274.9	330.0	386.0	438.1	491.4	546.1	606.4
27.5°	110.6	153.7	201.7	252.0	300.7	363.5	424.0	478.3	533.0	591.9	660.6
25°	127.3	173.3	223.4	273.0	330.2	397.5	463.8	526.7	573.0	640.1	720.3
22.5°	143.4	192.5	246.2	291.9	358.6	431.9	509.0	576.7	631.4	691.3	782.4
20°	159.4	212.2	267.6	318.8	387.2	465.9	557.4	627.2	695.2	772.4	865.4
17.5°	174.6	230.5	288.8	349.5	421.7	503.2	607.1	678.2	759.3	851.8	968.9
15°	189.0	247.5	310.0	378.2	452.8	540.6	640.8	729.5	826.5	933.3	1071.7
12.5°	202.4	263.0	330.9	404.7	480.2	572.8	669.0	763.4	875.1	1014.7	1188.9
10°	214.7	277.1	351.1	429.0	504.1	599.9	693.9	792.2	910.0	1063.4	1262.8
7.5°	224.9	291.2	370.3	451.0	524.6	622.3	715.4	815.8	939.2	1103.6	1312.4
5°	233.6	306.1	388.2	465.3	541.7	641.5	733.5	834.6	962.5	1135.1	1348.0
2.5°	240.7	319.8	403.8	475.6	556.4	659.1	747.8	855.4	986.1	1159.5	1381.3
0°	246.4	331.7	417.1	483.4	568.7	673.0	758.3	872.0	1004.7	1175.3	1412.3
-2.5°	257.9	341.6	425.0	492.3	581.7	675.3	765.2	874.4	1011.8	1187.7	1418.0
-5°	267.6	349.6	430.7	499.2	591.5	675.0	768.1	872.4	1014.2	1194.7	1428.3
-7.5°	275.0	355.7	434.6	504.6	596.8	678.1	772.3	879.2	1021.6	1201.2	1441.8
-10°	279.8	360.1	437.7	511.3	598.1	681.3	774.0	880.7	1020.4	1197.0	1434.5
-12.5°	282.3	362.7	439.2	515.0	597.8	681.0	771.8	876.5	1009.9	1182.0	1405.1
-15°	283.1	363.7	439.0	515.4	596.3	677.0	765.7	866.6	991.1	1156.7	1359.1
-17.5°	282.3	363.1	437.2	512.3	594.2	669.2	756.2	853.2	972.0	1126.8	1321.8
-20°	279.8	361.1	433.9	505.4	591.0	662.0	746.8	840.5	952.2	1092.5	1266.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	275.9	357.8	429.2	498.5	580.5	655.2	734.5	823.8	924.0	1050.8	1205.6
-25°	271.3	351.1	423.2	493.2	568.5	645.0	719.0	803.8	895.9	1017.8	1157.2
-27.5°	265.2	342.9	414.9	485.8	555.9	631.1	703.4	783.6	874.7	982.2	1106.9
-30°	256.5	331.4	403.4	475.7	544.8	615.5	685.3	761.7	847.6	948.9	1064.0
-32.5°	245.5	318.5	389.0	460.5	532.3	599.8	665.5	738.9	819.5	908.4	1017.9
-35°	234.2	304.6	373.4	441.4	517.3	582.3	645.6	712.9	787.9	870.6	959.7
-37.5°	223.7	289.7	356.7	421.0	492.8	560.6	622.2	686.1	755.5	831.3	912.3
-40°	212.3	273.8	339.3	401.9	464.9	534.0	595.5	657.2	721.3	797.3	869.3
-42.5°	200.6	260.3	320.9	382.2	442.4	504.2	565.6	624.8	692.4	764.4	835.1
-45°	190.7	246.2	302.5	362.1	421.3	477.2	534.8	590.2	658.8	730.8	799.9
-47.5°	179.2	231.8	286.3	340.4	398.5	454.3	506.1	562.1	620.5	688.4	760.9
-50°	167.3	217.1	267.4	318.4	373.5	429.3	481.8	533.5	588.6	644.4	707.0
-52.5°	157.2	200.7	247.3	294.1	346.2	400.8	453.8	505.6	556.3	608.8	662.1
-55°	145.3	185.1	226.2	270.0	315.7	367.9	420.6	471.1	522.9	571.9	624.2
-57.5°	132.0	167.7	205.2	246.2	287.8	330.7	381.7	431.9	480.6	530.1	584.1
-60°	116.9	148.9	182.9	220.6	261.2	300.5	341.8	388.3	435.3	482.3	532.1
-62.5°	101.3	129.1	159.7	192.7	229.8	268.5	306.3	346.0	388.2	429.0	472.2
-65°	90.9	110.5	136.3	165.6	196.1	230.6	266.4	303.0	340.2	374.9	408.2
-67.5°	79.8	97.5	116.5	138.2	165.9	194.9	223.5	256.3	289.7	321.6	352.6
-70°	68.1	83.8	100.7	118.7	138.4	162.2	188.9	215.1	240.7	267.5	296.3
-72.5°	55.8	69.4	84.0	99.7	116.5	135.3	155.9	178.3	201.1	223.2	245.7
-75°	45.8	54.7	66.7	79.9	94.5	109.3	124.2	141.9	161.2	180.6	199.6
-77.5°	37.7	46.0	54.2	62.3	72.6	86.2	99.5	112.6	126.1	140.7	156.3
-80°	30.6	37.1	44.6	52.0	59.1	67.3	76.6	86.9	96.4	106.1	116.8
-82.5°	25.6	30.5	35.8	41.7	45.8	50.2	55.1	61.1	67.4	73.9	80.6
-85°	19.6	23.6	27.2	31.1	33.0	35.1	37.5	40.1	44.2	48.2	52.1
-87.5°	9.8	11.8	14.0	16.3	17.3	18.3	19.2	20.1	22.7	25.4	28.2
-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: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	0.5	0.1	0.0	0.0	0.1	1.8	2.4	2.0	0.9	0.0	0.0
62.5°	5.6	4.6	7.4	9.8	10.8	10.5	9.7	8.6	7.4	6.8	7.8
60°	22.8	22.3	31.1	35.4	32.2	22.7	35.7	42.1	40.5	34.7	34.5
57.5°	55.7	67.6	76.2	80.0	92.6	112.9	116.8	110.1	107.7	109.9	127.0
55°	96.4	106.1	111.1	128.2	143.5	154.6	161.0	167.7	177.4	189.3	201.6
52.5°	136.4	149.6	159.7	175.1	193.4	199.7	198.0	221.5	239.8	251.5	256.3
50°	187.2	203.8	227.4	251.5	261.9	272.2	282.9	302.2	330.2	365.2	385.2
47.5°	242.1	268.2	292.9	320.4	334.3	345.2	361.3	394.8	434.8	472.4	492.0
45°	291.5	314.7	343.0	366.8	384.0	404.9	428.3	458.6	503.3	542.6	569.6
42.5°	331.1	357.3	386.4	415.2	432.7	461.0	496.4	537.6	584.4	625.2	655.4
40°	386.8	408.9	455.3	482.6	489.6	515.9	586.9	643.2	696.1	746.3	771.4
37.5°	454.0	497.1	545.3	570.2	594.6	641.2	736.1	827.1	894.5	962.6	999.8
35°	530.3	587.1	652.6	682.0	734.4	835.9	947.4	1074.0	1231.5	1297.6	1357.7
32.5°	604.5	668.0	728.5	794.3	886.0	1007.2	1132.8	1338.1	1529.8	1678.3	1786.7
30°	670.3	737.7	812.8	897.5	1026.5	1193.6	1403.4	1669.0	1939.3	2175.1	2374.6
27.5°	735.3	812.0	901.3	1027.6	1209.2	1436.2	1771.1	2150.0	2601.1	2933.4	3330.3
25°	806.6	894.3	1008.9	1192.0	1437.1	1776.5	2311.8	2927.1	3666.8	4266.6	4894.2
22.5°	890.9	1020.4	1165.7	1369.9	1798.0	2357.2	3088.5	4140.2	5278.1	6330.1	7343.1
20°	992.9	1169.8	1403.1	1779.0	2328.6	3155.4	4426.0	6104.5	7777.8	9559.9	11275.5
17.5°	1138.3	1393.4	1755.8	2290.9	3015.2	4650.5	6712.2	9308.4	12643.6	15666.1	18305.1
15°	1274.8	1579.5	2151.7	2951.7	4215.0	6382.5	9513.8	13798.8	18996.8	23734.0	28737.4
12.5°	1418.0	1777.8	2435.0	3453.6	5209.0	8030.7	12431.3	18302.5	24811.2	31950.8	40083.1
10°	1531.4	1968.3	2755.3	4046.6	6210.5	9724.3	14966.1	22086.5	30735.7	41301.8	54301.9
7.5°	1608.0	2121.0	3019.7	4480.8	7132.5	11456.3	17766.5	26325.0	37137.9	51135.8	69326.4
5°	1667.8	2237.5	3218.6	4876.7	7912.4	12778.5	19841.3	30036.5	42827.7	61582.4	92410.3
2.5°	1715.9	2326.8	3341.6	5149.2	8402.0	13699.2	21233.3	32136.4	46214.6	69305.9	109300.9
0°	1753.5	2407.5	3421.7	5317.4	8777.1	13791.2	21667.8	32520.6	47430.2	70699.9	112935.9
-2.5°	1769.5	2450.7	3449.3	5354.2	8739.5	13949.2	21800.3	32827.5	47384.6	69936.1	108876.1
-5°	1796.1	2450.0	3428.5	5316.6	8543.6	13540.6	20934.6	31109.9	44525.9	63921.1	95824.0
-7.5°	1815.3	2410.9	3329.2	5075.7	8030.7	12657.2	19413.3	28264.1	39323.0	54049.4	73807.9
-10°	1797.7	2336.0	3163.8	4671.6	7233.3	11240.0	17099.9	24507.2	33698.2	44611.7	58036.1
-12.5°	1730.1	2197.5	2893.7	4105.6	6200.6	9652.5	14772.5	21079.2	27882.0	35546.5	44822.9
-15°	1644.6	2048.3	2650.5	3717.3	5434.9	8079.0	11817.0	16933.3	22390.4	28209.7	34415.3
-17.5°	1578.0	1917.2	2415.9	3188.2	4451.5	6553.9	9491.4	13125.9	17136.2	21566.7	25244.0
-20°	1487.8	1755.9	2174.4	2805.2	3769.0	5162.0	7301.4	9941.9	12588.1	15703.2	18243.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	1397.5	1631.0	1949.5	2411.1	3128.2	4180.6	5502.4	7265.6	9200.7	10988.7	12748.8
-25°	1313.7	1493.6	1751.2	2129.8	2616.3	3334.5	4275.3	5286.7	6562.3	7650.7	8858.5
-27.5°	1245.8	1400.3	1590.4	1868.0	2245.5	2707.4	3381.1	4058.8	4729.6	5278.9	6110.5
-30°	1180.3	1304.6	1463.6	1661.6	1944.6	2300.6	2737.9	3177.5	3564.6	3917.8	4350.8
-32.5°	1115.9	1217.2	1339.0	1503.3	1706.4	1974.0	2242.8	2557.9	2826.9	3075.3	3305.1
-35°	1051.4	1141.5	1234.3	1372.9	1534.9	1724.9	1920.3	2133.8	2320.2	2487.4	2635.3
-37.5°	993.2	1072.3	1159.7	1262.8	1393.3	1536.4	1696.0	1851.0	1974.1	2082.6	2172.4
-40°	944.1	1016.0	1090.8	1173.4	1272.7	1385.6	1521.1	1650.4	1736.5	1802.8	1857.3
-42.5°	900.2	963.5	1027.2	1097.3	1173.6	1271.4	1378.3	1485.0	1543.5	1594.8	1634.2
-45°	865.0	913.6	967.2	1027.0	1094.5	1176.4	1260.6	1334.3	1386.2	1430.4	1463.2
-47.5°	818.4	865.3	911.7	961.1	1024.0	1092.2	1161.7	1218.5	1263.9	1302.3	1327.4
-50°	767.1	816.4	858.9	902.4	960.3	1018.1	1074.0	1120.9	1164.3	1202.0	1221.7
-52.5°	714.0	766.9	811.5	853.9	902.5	952.9	1003.4	1043.6	1081.5	1117.0	1132.0
-55°	675.8	724.5	770.6	810.5	850.5	890.9	932.1	973.7	1011.2	1044.9	1055.0
-57.5°	634.5	684.1	729.7	765.5	801.7	838.1	875.8	913.4	949.5	981.9	990.0
-60°	584.1	637.9	678.4	712.2	747.3	783.3	816.1	849.6	883.3	911.6	920.6
-62.5°	520.0	569.0	609.0	644.6	678.6	709.8	741.8	773.1	803.4	825.7	833.0
-65°	443.3	484.9	526.1	563.4	596.8	627.0	656.5	685.1	712.6	732.2	742.0
-67.5°	382.8	412.7	445.8	477.9	511.5	542.6	569.2	594.3	617.9	634.5	644.9
-70°	324.3	352.9	383.9	414.4	443.7	468.9	490.1	510.8	530.9	545.6	556.7
-72.5°	268.4	292.6	318.5	345.4	372.2	395.0	414.5	433.0	450.3	462.9	473.1
-75°	218.0	238.0	259.8	281.6	303.3	321.3	337.7	353.6	369.0	380.1	389.5
-77.5°	173.0	189.9	206.9	224.0	241.1	254.2	266.2	277.9	289.3	298.1	306.2
-80°	128.1	141.4	155.0	168.7	182.3	192.3	201.3	209.9	217.9	223.1	227.7
-82.5°	87.6	96.8	106.4	116.0	125.6	133.0	140.2	147.2	154.1	156.5	158.3
-85°	55.9	60.5	65.5	70.8	76.3	80.4	84.3	88.0	91.5	94.8	97.9
-87.5°	31.0	32.0	32.8	33.6	34.3	37.2	40.1	42.9	45.8	46.3	46.7
-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: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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	0.9	2.0
62.5°	8.5	9.1	9.4	9.5	9.4	9.1	8.5	7.8	6.8	7.4	8.6
60°	32.4	28.8	28.2	28.4	28.2	28.8	32.4	34.5	34.7	40.5	42.1
57.5°	144.2	160.3	164.8	161.1	164.8	160.3	144.2	127.0	109.9	107.7	110.1
55°	209.9	214.9	217.2	218.0	217.2	214.9	209.9	201.6	189.3	177.4	167.7
52.5°	257.4	255.7	255.3	255.9	255.3	255.7	257.4	256.3	251.5	239.8	221.5
50°	386.7	379.6	376.8	379.1	376.8	379.6	386.7	385.2	365.2	330.2	302.2
47.5°	494.4	496.6	499.9	502.4	499.9	496.6	494.4	492.0	472.4	434.8	394.8
45°	577.3	582.4	585.8	587.7	585.8	582.4	577.3	569.6	542.6	503.3	458.6
42.5°	662.0	662.6	661.7	663.5	661.7	662.6	662.0	655.4	625.2	584.4	537.6
40°	781.6	784.1	781.4	777.2	781.4	784.1	781.6	771.4	746.3	696.1	643.2
37.5°	1021.5	1024.9	1013.6	1004.7	1013.6	1024.9	1021.5	999.8	962.6	894.5	827.1
35°	1412.6	1453.1	1472.4	1478.6	1472.4	1453.1	1412.6	1357.7	1297.6	1231.5	1074.0
32.5°	1861.7	1918.1	1946.4	1971.5	1946.4	1918.1	1861.7	1786.7	1678.3	1529.8	1338.1
30°	2505.4	2609.4	2655.3	2720.3	2655.3	2609.4	2505.4	2374.6	2175.1	1939.3	1669.0
27.5°	3555.6	3738.4	3839.6	3933.6	3839.6	3738.4	3555.6	3330.3	2933.4	2601.1	2150.0
25°	5350.3	5702.3	5930.2	6037.8	5930.2	5702.3	5350.3	4894.2	4266.6	3666.8	2927.1
22.5°	8323.3	8972.4	9473.0	9573.2	9473.0	8972.4	8323.3	7343.1	6330.1	5278.1	4140.2
20°	12939.8	13868.5	14624.0	15004.4	14624.0	13868.5	12939.8	11275.5	9559.9	7777.8	6104.5
17.5°	21448.2	23379.8	24262.2	24407.0	24262.2	23379.8	21448.2	18305.1	15666.1	12643.6	9308.4
15°	34106.1	37374.7	39449.7	40785.8	39449.7	37374.7	34106.1	28737.4	23734.0	18996.8	13798.8
12.5°	48548.5	57836.3	63121.1	65136.0	63121.1	57836.3	48548.5	40083.1	31950.8	24811.2	18302.5
10°	68150.0	90014.7	102627.3	108973.9	102627.3	90014.7	68150.0	54301.9	41301.8	30735.7	22086.5
7.5°	101418.4	135188.8	172605.0	189915.3	172605.0	135188.8	101418.4	69326.4	51135.8	37137.9	26325.0
5°	136391.4	210537.5	275616.1	306780.0	275616.1	210537.5	136391.4	92410.3	61582.4	42827.7	30036.5
2.5°	176587.5	276580.4	369031.9	407905.8	369031.9	276580.4	176587.5	109300.9	69305.9	46214.6	32136.4
0°	192057.4	308533.5	409645.0	447800.6	409645.0	308533.5	192057.4	112935.9	70699.9	47430.2	32520.6
-2.5°	178979.0	281424.7	370620.4	414218.4	370620.4	281424.7	178979.0	108876.1	69936.1	47384.6	32827.5
-5°	142208.0	211697.9	277755.8	313282.2	277755.8	211697.9	142208.0	95824.0	63921.1	44525.9	31109.9
-7.5°	104371.8	142201.3	178887.6	191716.2	178887.6	142201.3	104371.8	73807.9	54049.4	39323.0	28264.1
-10°	72665.8	94328.2	108627.8	112708.4	108627.8	94328.2	72665.8	58036.1	44611.7	33698.2	24507.2
-12.5°	53874.3	63349.5	69942.1	71088.5	69942.1	63349.5	53874.3	44822.9	35546.5	27882.0	21079.2
-15°	39892.6	44711.0	48111.3	48340.2	48111.3	44711.0	39892.6	34415.3	28209.7	22390.4	16933.3
-17.5°	29161.7	32396.1	34112.0	33989.8	34112.0	32396.1	29161.7	25244.0	21566.7	17136.2	13125.9
-20°	20852.3	22801.9	24184.5	23914.2	24184.5	22801.9	20852.3	18243.6	15703.2	12588.1	9941.9



REPORT NUMBER: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	14539.7	15833.9	16644.1	16435.7	16644.1	15833.9	14539.7	12748.8	10988.7	9200.7	7265.6
-25°	9879.5	10584.6	10986.0	10919.2	10986.0	10584.6	9879.5	8858.5	7650.7	6562.3	5286.7
-27.5°	6732.3	7104.7	7229.1	7222.6	7229.1	7104.7	6732.3	6110.5	5278.9	4729.6	4058.8
-30°	4672.8	4923.1	5066.3	4976.2	5066.3	4923.1	4672.8	4350.8	3917.8	3564.6	3177.5
-32.5°	3482.7	3623.9	3705.6	3620.8	3705.6	3623.9	3482.7	3305.1	3075.3	2826.9	2557.9
-35°	2744.7	2816.1	2844.9	2796.1	2844.9	2816.1	2744.7	2635.3	2487.4	2320.2	2133.8
-37.5°	2237.7	2279.5	2293.8	2265.4	2293.8	2279.5	2237.7	2172.4	2082.6	1974.1	1851.0
-40°	1896.1	1921.8	1928.1	1905.2	1928.1	1921.8	1896.1	1857.3	1802.8	1736.5	1650.4
-42.5°	1659.0	1674.4	1678.0	1668.2	1678.0	1674.4	1659.0	1634.2	1594.8	1543.5	1485.0
-45°	1482.8	1495.8	1498.3	1488.1	1498.3	1495.8	1482.8	1463.2	1430.4	1386.2	1334.3
-47.5°	1339.9	1348.0	1350.1	1345.9	1350.1	1348.0	1339.9	1327.4	1302.3	1263.9	1218.5
-50°	1230.7	1236.2	1236.7	1232.2	1236.7	1236.2	1230.7	1221.7	1202.0	1164.3	1120.9
-52.5°	1139.1	1143.0	1145.6	1146.9	1145.6	1143.0	1139.1	1132.0	1117.0	1081.5	1043.6
-55°	1062.0	1067.0	1070.1	1071.1	1070.1	1067.0	1062.0	1055.0	1044.9	1011.2	973.7
-57.5°	996.4	1001.0	1003.8	1004.7	1003.8	1001.0	996.4	990.0	981.9	949.5	913.4
-60°	928.1	933.7	937.2	938.4	937.2	933.7	928.1	920.6	911.6	883.3	849.6
-62.5°	837.8	840.3	842.6	843.6	842.6	840.3	837.8	833.0	825.7	803.4	773.1
-65°	749.4	754.4	757.4	758.3	757.4	754.4	749.4	742.0	732.2	712.6	685.1
-67.5°	653.4	660.0	667.0	673.0	667.0	660.0	653.4	644.9	634.5	617.9	594.3
-70°	566.5	574.9	577.6	578.2	577.6	574.9	566.5	556.7	545.6	530.9	510.8
-72.5°	482.2	490.1	496.8	502.4	496.8	490.1	482.2	473.1	462.9	450.3	433.0
-75°	397.9	405.3	407.1	407.6	407.1	405.3	397.9	389.5	380.1	369.0	353.6
-77.5°	313.6	320.4	321.9	322.3	321.9	320.4	313.6	306.2	298.1	289.3	277.9
-80°	232.0	235.8	241.3	246.4	241.3	235.8	232.0	227.7	223.1	217.9	209.9
-82.5°	159.6	160.4	160.9	161.1	160.9	160.4	159.6	158.3	156.5	154.1	147.2
-85°	101.0	103.8	104.2	104.3	104.2	103.8	101.0	97.9	94.8	91.5	88.0
-87.5°	47.0	47.2	47.4	47.4	47.4	47.2	47.0	46.7	46.3	45.8	42.9
-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: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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	0.6
65°	2.4	1.8	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.3	2.6
62.5°	9.7	10.5	10.8	9.8	7.4	4.6	5.6	6.6	4.6	0.9	3.3
60°	35.7	22.7	32.2	35.4	31.1	22.3	22.8	21.2	17.5	13.9	9.2
57.5°	116.8	112.9	92.6	80.0	76.2	67.6	55.7	44.3	39.1	31.5	22.3
55°	161.0	154.6	143.5	128.2	111.1	106.1	96.4	82.8	69.4	53.8	43.6
52.5°	198.0	199.7	193.4	175.1	159.7	149.6	136.4	123.4	107.3	92.0	71.7
50°	282.9	272.2	261.9	251.5	227.4	203.8	187.2	169.3	146.2	129.0	111.9
47.5°	361.3	345.2	334.3	320.4	292.9	268.2	242.1	216.8	188.0	161.1	144.2
45°	428.3	404.9	384.0	366.8	343.0	314.7	291.5	263.3	230.5	199.4	170.1
42.5°	496.4	461.0	432.7	415.2	386.4	357.3	331.1	309.5	273.9	237.5	208.0
40°	586.9	515.9	489.6	482.6	455.3	408.9	386.8	363.0	325.2	277.5	248.6
37.5°	736.1	641.2	594.6	570.2	545.3	497.1	454.0	422.8	388.8	335.1	293.7
35°	947.4	835.9	734.4	682.0	652.6	587.1	530.3	487.5	446.8	396.0	342.3
32.5°	1132.8	1007.2	886.0	794.3	728.5	668.0	604.5	551.6	498.3	446.3	393.4
30°	1403.4	1193.6	1026.5	897.5	812.8	737.7	670.3	606.4	546.1	491.4	438.1
27.5°	1771.1	1436.2	1209.2	1027.6	901.3	812.0	735.3	660.6	591.9	533.0	478.3
25°	2311.8	1776.5	1437.1	1192.0	1008.9	894.3	806.6	720.3	640.1	573.0	526.7
22.5°	3088.5	2357.2	1798.0	1369.9	1165.7	1020.4	890.9	782.4	691.3	631.4	576.7
20°	4426.0	3155.4	2328.6	1779.0	1403.1	1169.8	992.9	865.4	772.4	695.2	627.2
17.5°	6712.2	4650.5	3015.2	2290.9	1755.8	1393.4	1138.3	968.9	851.8	759.3	678.2
15°	9513.8	6382.5	4215.0	2951.7	2151.7	1579.5	1274.8	1071.7	933.3	826.5	729.5
12.5°	12431.3	8030.7	5209.0	3453.6	2435.0	1777.8	1418.0	1188.9	1014.7	875.1	763.4
10°	14966.1	9724.3	6210.5	4046.6	2755.3	1968.3	1531.4	1262.8	1063.4	910.0	792.2
7.5°	17766.5	11456.3	7132.5	4480.8	3019.7	2121.0	1608.0	1312.4	1103.6	939.2	815.8
5°	19841.3	12778.5	7912.4	4876.7	3218.6	2237.5	1667.8	1348.0	1135.1	962.5	834.6
2.5°	21233.3	13699.2	8402.0	5149.2	3341.6	2326.8	1715.9	1381.3	1159.5	986.1	855.4
0°	21667.8	13791.2	8777.1	5317.4	3421.7	2407.5	1753.5	1412.3	1175.3	1004.7	872.0
-2.5°	21800.3	13949.2	8739.5	5354.2	3449.3	2450.7	1769.5	1418.0	1187.7	1011.8	874.4
-5°	20934.6	13540.6	8543.6	5316.6	3428.5	2450.0	1796.1	1428.3	1194.7	1014.2	872.4
-7.5°	19413.3	12657.2	8030.7	5075.7	3329.2	2410.9	1815.3	1441.8	1201.2	1021.6	879.2
-10°	17099.9	11240.0	7233.3	4671.6	3163.8	2336.0	1797.7	1434.5	1197.0	1020.4	880.7
-12.5°	14772.5	9652.5	6200.6	4105.6	2893.7	2197.5	1730.1	1405.1	1182.0	1009.9	876.5
-15°	11817.0	8079.0	5434.9	3717.3	2650.5	2048.3	1644.6	1359.1	1156.7	991.1	866.6
-17.5°	9491.4	6553.9	4451.5	3188.2	2415.9	1917.2	1578.0	1321.8	1126.8	972.0	853.2
-20°	7301.4	5162.0	3769.0	2805.2	2174.4	1755.9	1487.8	1266.9	1092.5	952.2	840.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	5502.4	4180.6	3128.2	2411.1	1949.5	1631.0	1397.5	1205.6	1050.8	924.0	823.8
-25°	4275.3	3334.5	2616.3	2129.8	1751.2	1493.6	1313.7	1157.2	1017.8	895.9	803.8
-27.5°	3381.1	2707.4	2245.5	1868.0	1590.4	1400.3	1245.8	1106.9	982.2	874.7	783.6
-30°	2737.9	2300.6	1944.6	1661.6	1463.6	1304.6	1180.3	1064.0	948.9	847.6	761.7
-32.5°	2242.8	1974.0	1706.4	1503.3	1339.0	1217.2	1115.9	1017.9	908.4	819.5	738.9
-35°	1920.3	1724.9	1534.9	1372.9	1234.3	1141.5	1051.4	959.7	870.6	787.9	712.9
-37.5°	1696.0	1536.4	1393.3	1262.8	1159.7	1072.3	993.2	912.3	831.3	755.5	686.1
-40°	1521.1	1385.6	1272.7	1173.4	1090.8	1016.0	944.1	869.3	797.3	721.3	657.2
-42.5°	1378.3	1271.4	1173.6	1097.3	1027.2	963.5	900.2	835.1	764.4	692.4	624.8
-45°	1260.6	1176.4	1094.5	1027.0	967.2	913.6	865.0	799.9	730.8	658.8	590.2
-47.5°	1161.7	1092.2	1024.0	961.1	911.7	865.3	818.4	760.9	688.4	620.5	562.1
-50°	1074.0	1018.1	960.3	902.4	858.9	816.4	767.1	707.0	644.4	588.6	533.5
-52.5°	1003.4	952.9	902.5	853.9	811.5	766.9	714.0	662.1	608.8	556.3	505.6
-55°	932.1	890.9	850.5	810.5	770.6	724.5	675.8	624.2	571.9	522.9	471.1
-57.5°	875.8	838.1	801.7	765.5	729.7	684.1	634.5	584.1	530.1	480.6	431.9
-60°	816.1	783.3	747.3	712.2	678.4	637.9	584.1	532.1	482.3	435.3	388.3
-62.5°	741.8	709.8	678.6	644.6	609.0	569.0	520.0	472.2	429.0	388.2	346.0
-65°	656.5	627.0	596.8	563.4	526.1	484.9	443.3	408.2	374.9	340.2	303.0
-67.5°	569.2	542.6	511.5	477.9	445.8	412.7	382.8	352.6	321.6	289.7	256.3
-70°	490.1	468.9	443.7	414.4	383.9	352.9	324.3	296.3	267.5	240.7	215.1
-72.5°	414.5	395.0	372.2	345.4	318.5	292.6	268.4	245.7	223.2	201.1	178.3
-75°	337.7	321.3	303.3	281.6	259.8	238.0	218.0	199.6	180.6	161.2	141.9
-77.5°	266.2	254.2	241.1	224.0	206.9	189.9	173.0	156.3	140.7	126.1	112.6
-80°	201.3	192.3	182.3	168.7	155.0	141.4	128.1	116.8	106.1	96.4	86.9
-82.5°	140.2	133.0	125.6	116.0	106.4	96.8	87.6	80.6	73.9	67.4	61.1
-85°	84.3	80.4	76.3	70.8	65.5	60.5	55.9	52.1	48.2	44.2	40.1
-87.5°	40.1	37.2	34.3	33.6	32.8	32.0	31.0	28.2	25.4	22.7	20.1
-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: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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	0.0	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	2.1	2.0	0.6
70°	0.0	0.0	0.0	0.8	0.9	0.0	0.0	1.3	3.5	4.0	2.9
67.5°	0.0	0.0	0.0	2.0	3.2	2.7	0.6	1.6	3.9	6.1	5.4
65°	3.2	2.2	0.2	2.5	4.7	6.2	4.6	2.9	4.2	6.4	7.9
62.5°	5.6	7.2	5.4	3.9	5.3	7.5	8.8	6.0	4.9	6.8	8.9
60°	6.2	8.5	9.6	7.5	6.7	8.0	9.5	8.7	6.9	7.1	9.2
57.5°	16.7	10.8	10.8	10.3	8.6	8.8	9.5	9.5	8.5	8.0	9.5
55°	30.9	22.6	16.0	12.8	10.8	9.4	9.8	9.5	9.5	8.8	9.5
52.5°	53.8	39.1	28.7	19.4	14.5	10.7	10.8	9.5	9.5	9.3	9.5
50°	85.7	61.6	45.2	32.5	20.3	15.9	12.3	11.0	9.5	9.5	9.5
47.5°	125.4	92.1	65.9	47.6	33.4	21.5	16.9	13.1	9.5	9.5	9.5
45°	154.7	128.5	91.9	66.5	46.9	32.3	22.8	15.6	11.8	9.8	9.5
42.5°	183.6	159.9	125.0	85.1	64.4	44.5	29.1	21.0	14.4	10.4	9.8
40°	220.5	190.8	156.8	116.2	83.7	56.6	39.4	27.0	17.4	12.1	10.6
37.5°	258.5	225.3	188.1	146.0	105.5	75.0	49.9	33.3	21.9	15.4	11.5
35°	301.1	261.3	219.2	174.5	131.4	94.0	60.1	40.8	27.9	18.9	12.7
32.5°	344.2	295.8	248.2	202.1	155.6	113.5	74.5	50.6	33.7	22.6	14.0
30°	386.0	330.0	274.9	228.5	178.6	134.3	92.5	61.3	39.3	26.4	15.8
27.5°	424.0	363.5	300.7	252.0	201.7	153.7	110.6	72.7	44.6	30.5	18.9
25°	463.8	397.5	330.2	273.0	223.4	173.3	127.3	85.0	52.6	35.1	21.9
22.5°	509.0	431.9	358.6	291.9	246.2	192.5	143.4	99.5	62.1	39.3	25.0
20°	557.4	465.9	387.2	318.8	267.6	212.2	159.4	112.9	71.8	43.4	28.0
17.5°	607.1	503.2	421.7	349.5	288.8	230.5	174.6	125.1	81.5	47.2	30.9
15°	640.8	540.6	452.8	378.2	310.0	247.5	189.0	136.1	91.1	50.8	33.9
12.5°	669.0	572.8	480.2	404.7	330.9	263.0	202.4	146.0	100.4	55.6	36.7
10°	693.9	599.9	504.1	429.0	351.1	277.1	214.7	154.8	109.1	61.7	39.4
7.5°	715.4	622.3	524.6	451.0	370.3	291.2	224.9	162.5	116.6	67.9	41.8
5°	733.5	641.5	541.7	465.3	388.2	306.1	233.6	169.3	123.0	74.0	43.9
2.5°	747.8	659.1	556.4	475.6	403.8	319.8	240.7	175.2	128.3	79.9	45.8
0°	758.3	673.0	568.7	483.4	417.1	331.7	246.4	180.1	132.7	85.3	47.4
-2.5°	765.2	675.3	581.7	492.3	425.0	341.6	257.9	186.2	136.2	90.2	50.2
-5°	768.1	675.0	591.5	499.2	430.7	349.6	267.6	191.2	139.0	94.3	52.8
-7.5°	772.3	678.1	596.8	504.6	434.6	355.7	275.0	195.0	141.1	97.7	55.1
-10°	774.0	681.3	598.1	511.3	437.7	360.1	279.8	197.3	142.6	100.2	57.2
-12.5°	771.8	681.0	597.8	515.0	439.2	362.7	282.3	201.0	144.0	101.7	58.9
-15°	765.7	677.0	596.3	515.4	439.0	363.7	283.1	204.4	146.9	102.1	60.4
-17.5°	756.2	669.2	594.2	512.3	437.2	363.1	282.3	206.0	148.4	101.4	61.8
-20°	746.8	662.0	591.0	505.4	433.9	361.1	279.8	205.7	148.3	99.9	63.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627938 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	734.5	655.2	580.5	498.5	429.2	357.8	275.9	203.3	146.6	97.6	63.9
-25°	719.0	645.0	568.5	493.2	423.2	351.1	271.3	198.9	143.2	94.6	64.2
-27.5°	703.4	631.1	555.9	485.8	414.9	342.9	265.2	194.6	138.3	90.9	64.0
-30°	685.3	615.5	544.8	475.7	403.4	331.4	256.5	188.1	133.2	88.9	63.3
-32.5°	665.5	599.8	532.3	460.5	389.0	318.5	245.5	179.1	127.3	87.8	62.5
-35°	645.6	582.3	517.3	441.4	373.4	304.6	234.2	167.7	120.5	86.0	61.7
-37.5°	622.2	560.6	492.8	421.0	356.7	289.7	223.7	161.2	113.0	83.5	60.5
-40°	595.5	534.0	464.9	401.9	339.3	273.8	212.3	155.3	108.1	80.4	59.1
-42.5°	565.6	504.2	442.4	382.2	320.9	260.3	200.6	147.9	105.9	77.8	57.4
-45°	534.8	477.2	421.3	362.1	302.5	246.2	190.7	139.9	102.7	75.5	55.6
-47.5°	506.1	454.3	398.5	340.4	286.3	231.8	179.2	134.5	98.3	72.9	53.7
-50°	481.8	429.3	373.5	318.4	267.4	217.1	167.3	127.6	94.6	70.2	51.4
-52.5°	453.8	400.8	346.2	294.1	247.3	200.7	157.2	119.3	89.3	66.7	48.6
-55°	420.6	367.9	315.7	270.0	226.2	185.1	145.3	110.6	82.6	62.7	45.4
-57.5°	381.7	330.7	287.8	246.2	205.2	167.7	132.0	100.2	76.6	58.2	41.8
-60°	341.8	300.5	261.2	220.6	182.9	148.9	116.9	89.8	70.5	53.2	37.8
-62.5°	306.3	268.5	229.8	192.7	159.7	129.1	101.3	81.7	63.8	47.7	33.4
-65°	266.4	230.6	196.1	165.6	136.3	110.5	90.9	72.9	56.5	41.7	29.4
-67.5°	223.5	194.9	165.9	138.2	116.5	97.5	79.8	63.6	48.7	35.4	27.0
-70°	188.9	162.2	138.4	118.7	100.7	83.8	68.1	53.7	40.5	31.7	24.3
-72.5°	155.9	135.3	116.5	99.7	84.0	69.4	55.8	44.0	35.3	27.7	21.5
-75°	124.2	109.3	94.5	79.9	66.7	54.7	45.8	37.0	29.8	23.5	18.8
-77.5°	99.5	86.2	72.6	62.3	54.2	46.0	37.7	29.7	24.7	20.4	16.2
-80°	76.6	67.3	59.1	52.0	44.6	37.1	30.6	25.1	21.3	17.4	13.5
-82.5°	55.1	50.2	45.8	41.7	35.8	30.5	25.6	21.3	17.8	14.3	10.6
-85°	37.5	35.1	33.0	31.1	27.2	23.6	19.6	16.0	12.7	9.7	7.1
-87.5°	19.2	18.3	17.3	16.3	14.0	11.8	9.8	8.0	6.4	4.9	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA6D-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	0.4	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	1.1	0.0
75°	0.2	0.8	0.2	0.0	0.2	1.3	0.0
72.5°	0.5	1.4	1.0	0.0	0.3	1.5	0.0
70°	1.1	2.1	1.9	0.2	0.4	1.7	0.0
67.5°	3.4	2.9	2.9	1.1	0.6	2.0	0.0
65°	5.5	4.1	3.8	2.1	0.7	2.2	0.0
62.5°	7.5	5.4	4.9	3.0	1.0	2.4	0.0
60°	9.3	6.6	6.0	4.0	1.3	2.7	0.0
57.5°	9.5	7.8	6.7	5.0	2.1	3.0	0.0
55°	9.5	8.8	7.3	6.0	2.9	3.2	0.0
52.5°	9.5	9.5	7.9	7.1	3.6	3.5	0.0
50°	9.5	9.5	8.4	8.1	4.3	3.8	0.0
47.5°	9.5	9.5	8.8	9.0	4.9	4.1	0.0
45°	9.5	9.5	9.1	9.2	5.6	4.3	0.0
42.5°	9.5	9.5	9.4	9.4	6.1	4.6	0.0
40°	9.5	9.5	9.5	9.5	6.6	4.9	0.0
37.5°	9.5	9.5	9.5	9.5	7.1	5.2	0.0
35°	9.5	9.5	9.5	9.5	7.5	5.5	0.0
32.5°	9.8	9.5	9.5	9.5	7.9	5.9	0.0
30°	10.8	9.5	9.5	9.5	8.2	6.2	0.0
27.5°	11.8	9.5	9.5	9.5	8.5	6.5	0.0
25°	13.0	9.5	9.5	9.5	8.7	6.8	0.0
22.5°	14.1	9.7	9.5	9.5	8.9	7.1	0.0
20°	15.3	10.4	9.5	9.5	9.1	7.4	0.0
17.5°	17.0	11.2	9.5	9.5	9.2	7.7	0.0
15°	19.0	12.2	9.5	9.5	9.3	8.0	0.0
12.5°	20.8	13.3	9.5	9.5	9.4	8.3	0.0
10°	22.5	14.4	9.5	9.5	9.4	8.5	0.0
7.5°	24.1	15.6	9.5	9.5	9.5	8.8	0.0
5°	25.7	16.8	9.5	9.5	9.5	9.1	0.0
2.5°	27.1	17.9	9.5	9.5	9.5	9.3	0.0
0°	28.4	19.0	9.5	9.5	9.5	9.5	0.0
-2.5°	30.9	20.0	10.3	9.5	9.5	9.5	0.0
-5°	33.2	20.9	11.1	9.5	9.5	9.5	0.0
-7.5°	35.3	21.7	11.9	9.5	9.5	9.4	0.0
-10°	37.2	22.4	12.6	9.5	9.5	9.4	0.0
-12.5°	38.7	23.0	13.3	9.5	9.5	9.3	0.0
-15°	39.9	23.5	13.8	9.5	9.5	9.2	0.0
-17.5°	40.7	24.0	14.2	9.5	9.5	9.1	0.0
-20°	41.3	24.3	14.5	9.5	9.5	8.9	0.0

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CATALOG NUMBER: GFLD-SA6D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.8	24.5	14.6	9.5	9.5	8.8	0.0
-25°	42.0	25.1	14.5	9.5	9.5	8.6	0.0
-27.5°	42.0	25.8	14.3	9.5	9.5	8.4	0.0
-30°	41.8	26.2	14.0	9.5	9.5	8.2	0.0
-32.5°	41.3	26.4	13.9	9.5	9.5	8.0	0.0
-35°	41.2	26.4	13.7	9.5	9.5	7.8	0.0
-37.5°	41.1	26.1	13.4	9.5	9.5	7.5	0.0
-40°	40.6	25.6	12.9	9.5	9.5	7.3	0.0
-42.5°	39.7	24.8	12.8	9.6	9.5	7.0	0.0
-45°	38.5	23.8	13.1	9.8	9.5	6.7	0.0
-47.5°	37.0	22.5	13.4	10.0	9.5	6.4	0.0
-50°	35.1	21.0	13.5	10.2	9.5	6.1	0.0
-52.5°	32.8	19.3	13.5	10.3	9.5	5.8	0.0
-55°	30.3	18.8	13.4	10.3	9.5	5.4	0.0
-57.5°	27.4	18.3	13.2	10.3	9.5	5.1	0.0
-60°	24.5	17.8	13.0	10.2	9.5	4.7	0.0
-62.5°	23.3	17.0	12.6	10.1	8.8	4.4	0.0
-65°	21.9	16.1	12.1	10.0	8.0	4.0	0.0
-67.5°	20.2	15.1	11.6	9.8	7.3	3.6	0.0
-70°	18.4	14.0	11.0	9.5	6.5	3.2	0.0
-72.5°	16.5	12.7	10.4	8.5	5.7	2.9	0.0
-75°	14.3	11.4	9.6	7.4	4.9	2.5	0.0
-77.5°	12.1	10.0	8.2	6.2	4.1	2.1	0.0
-80°	9.8	8.2	6.6	4.9	3.3	1.6	0.0
-82.5°	7.4	6.2	4.9	3.7	2.5	1.2	0.0
-85°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
-87.5°	2.5	2.1	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)