

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: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-750-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N149
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

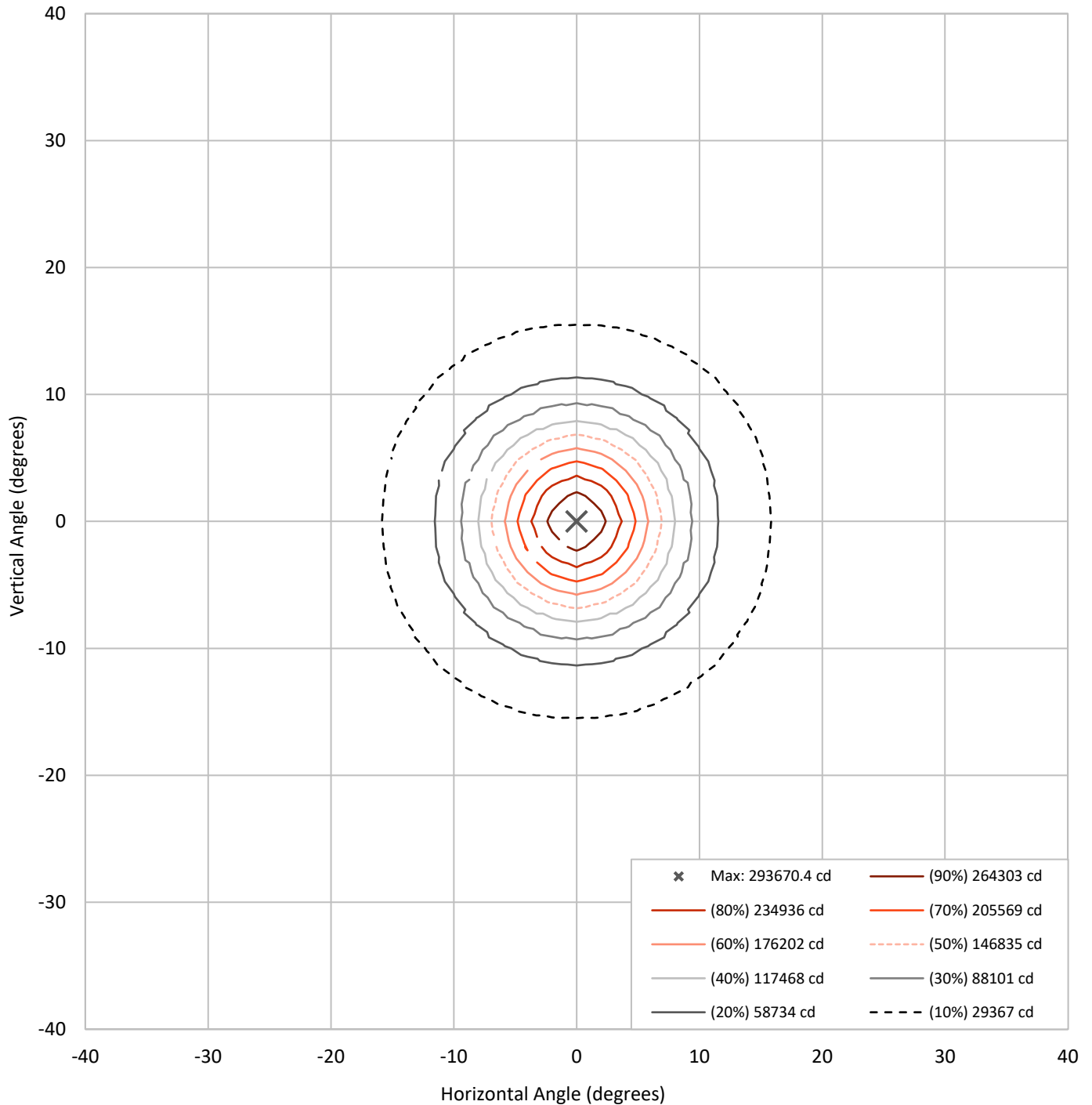
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	31183.5 lumens	Max Intensity:	293670.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	163.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	9219.6 lumens	Field Lumens:	20747.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

Iso-Candela Plot





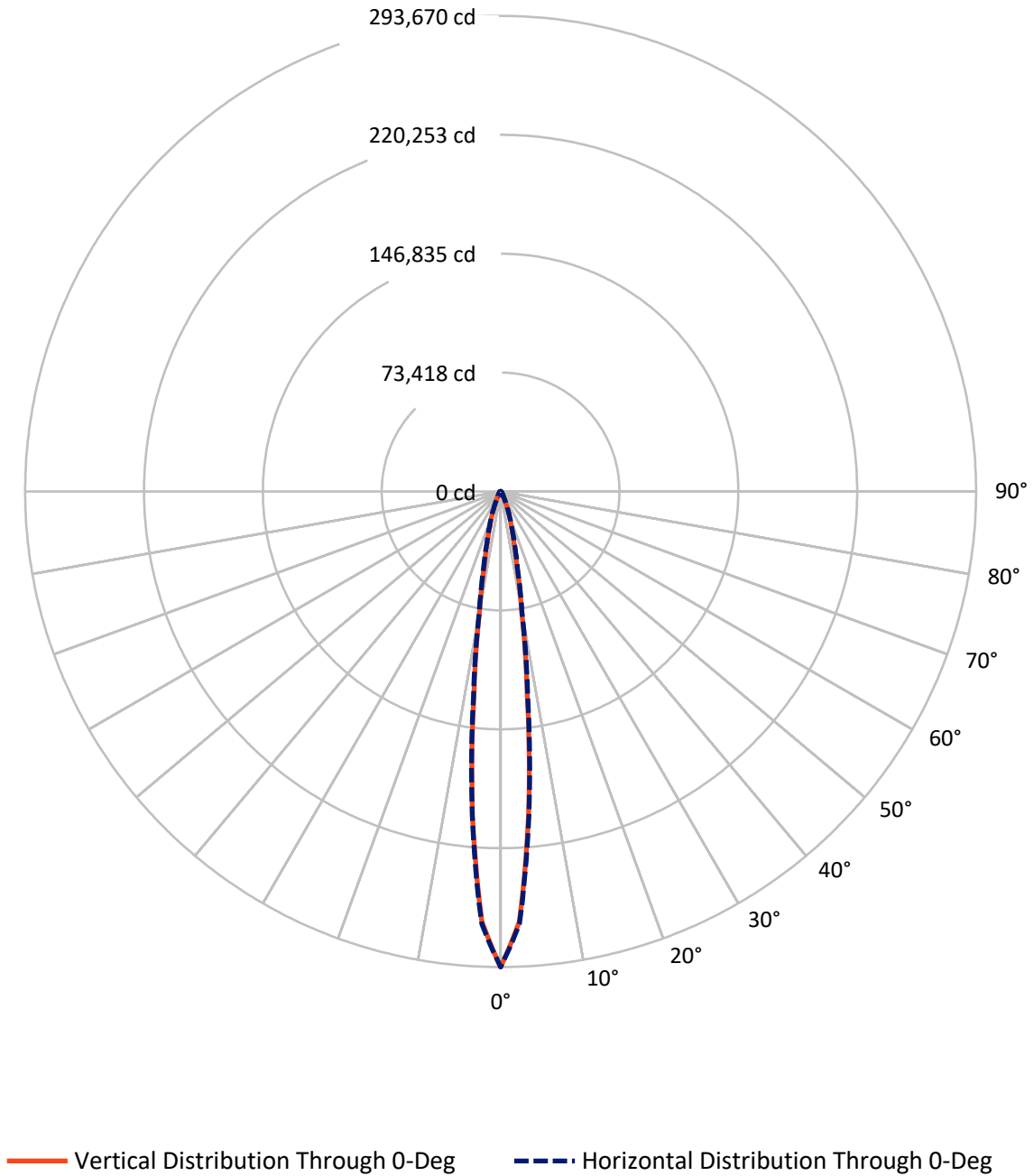
REPORT NUMBER: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.5	4.3		11.2		18.2		19.8		18.2		11.2		4.3		0.5			
80	0.5	4.3		11.2		18.2		19.8		18.2		11.2		4.3		0.5			
70	1.9	2.2	4.5	7.4	10.5	12.8	14.4	15.0	15.0	14.4	12.8	10.5	7.4	4.5	2.2	1.9			
60		3.3	6.8	11.0	14.7	18.0	20.1	21.0	21.0	20.1	18.0	14.7	11.0	6.8	3.3				
50	3.4	4.3	8.8	13.6	18.0	22.7	26.7	28.8	28.8	26.7	22.7	18.0	13.6	8.8	4.3	3.4			
40		5.2	10.3	15.6	22.2	31.9	44.9	55.6	55.6	44.9	31.9	22.2	15.6	10.3	5.2				
30	4.4	5.9	11.3	17.6	28.7	57.0	129.7	214.8	214.8	129.7	57.0	28.7	17.6	11.3	5.9	4.4			
20		6.3	11.8	19.4	38.1	121.0	429.6	925.3	925.3	429.6	121.0	38.1	19.4	11.8	6.3				
10	4.7	6.5	12.1	20.6	46.0	199.4	933.9	4034.3	4034.3	933.9	199.4	46.0	20.6	12.1	6.5	4.7			
0		6.5	12.1	20.6	46.0	199.4	933.9	4034.3	4034.3	933.9	199.4	46.0	20.6	12.1	6.5				
-10	4.4	6.3	11.8	19.4	38.1	121.0	429.6	925.3	925.3	429.6	121.0	38.1	19.4	11.8	6.3	4.4			
-20		5.9	11.3	17.6	28.7	57.0	129.7	214.8	214.8	129.7	57.0	28.7	17.6	11.3	5.9				
-30	3.4	5.2	10.3	15.6	22.2	31.9	44.9	55.6	55.6	44.9	31.9	22.2	15.6	10.3	5.2	3.4			
-40		4.3	8.8	13.6	18.0	22.7	26.7	28.8	28.8	26.7	22.7	18.0	13.6	8.8	4.3				
-50	1.9	3.3	6.8	11.0	14.7	18.0	20.1	21.0	21.0	20.1	18.0	14.7	11.0	6.8	3.3	1.9			
-60		2.2	4.5	7.4	10.5	12.8	14.4	15.0	15.0	14.4	12.8	10.5	7.4	4.5	2.2				
-70	0.5	4.3		11.2		18.2		19.8		18.2		11.2		4.3		0.5			
-80		4.3		11.2		18.2		19.8		18.2		11.2		4.3					
-90	0.5	4.3		11.2		18.2		19.8		18.2		11.2		4.3		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

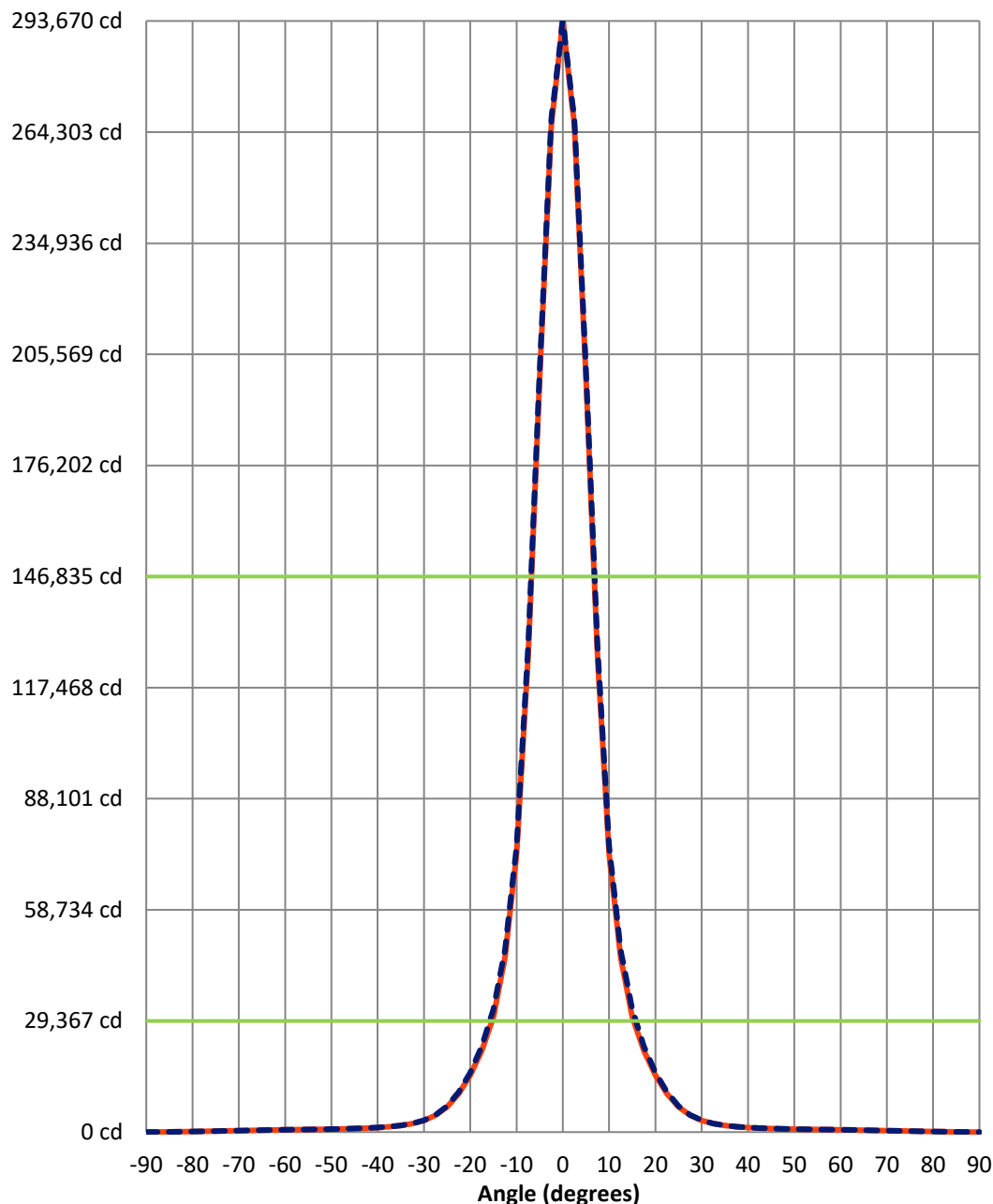
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 9219.6
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 20747.8
 Efficiency: 66.5%

Spill:
 Lumens: 10435.7
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	2.2	3.3	4.4	5.5	6.5	7.6	8.6	9.6	10.6
85°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	17.2	19.3	21.3
82.5°	0.0	2.9	6.6	9.8	13.1	16.3	19.5	22.7	26.1	30.7	35.2
80°	0.0	3.8	8.7	13.1	17.4	21.7	26.3	32.6	38.8	45.0	51.0
77.5°	0.0	4.8	10.8	16.3	21.7	27.9	35.9	43.8	51.5	59.1	67.3
75°	0.0	5.7	12.9	19.5	26.2	35.4	45.3	54.8	64.3	75.0	85.5
72.5°	0.0	6.6	15.0	22.7	32.0	42.8	54.5	66.2	78.8	91.3	103.5
70°	0.0	7.5	17.0	26.0	37.6	50.1	63.7	78.8	93.2	107.4	123.3
67.5°	0.0	8.3	18.9	29.9	43.1	57.2	74.3	91.3	107.4	125.5	143.4
65°	0.0	9.2	20.8	33.8	48.4	65.0	84.6	103.5	123.3	143.4	164.4
62.5°	0.0	10.0	22.6	37.6	53.6	73.4	94.8	116.7	138.9	161.6	188.0
60°	0.0	10.8	24.3	41.3	58.7	81.7	104.6	130.1	154.2	181.9	211.0
57.5°	0.0	11.6	26.6	44.8	65.0	89.7	115.5	143.1	170.9	201.5	233.1
55°	0.0	12.3	28.8	48.2	71.3	97.5	126.2	155.6	187.6	220.5	254.5
52.5°	0.0	13.0	31.0	51.5	77.3	105.3	136.6	169.1	203.5	238.7	275.0
50°	0.0	13.7	33.1	54.7	83.1	113.6	146.6	182.3	218.8	256.1	294.7
47.5°	0.0	14.3	35.1	58.0	88.8	121.7	156.5	195.1	233.4	272.7	314.0
45°	0.0	14.9	37.1	62.0	94.1	129.4	167.0	207.3	247.5	289.6	332.8
42.5°	0.0	15.5	39.0	65.9	99.3	136.8	177.0	219.0	260.9	306.1	351.1
40°	0.0	16.0	40.8	69.6	104.5	143.8	186.5	230.2	274.1	322.0	368.9
37.5°	0.0	16.5	42.6	73.2	109.8	150.4	195.6	240.8	287.3	336.8	386.2
35°	0.0	17.0	44.2	76.7	114.8	157.2	204.1	250.8	299.5	350.8	402.8
32.5°	0.0	17.4	45.8	79.9	119.5	163.9	212.1	260.2	310.8	363.9	417.2
30°	0.0	17.7	47.3	82.9	123.8	170.0	219.5	269.0	321.1	376.0	430.3
27.5°	0.0	18.1	48.7	85.7	128.1	175.7	226.4	277.4	330.7	387.2	442.1
25°	0.0	18.3	50.0	88.2	132.0	180.9	232.7	284.9	339.7	397.0	452.5
22.5°	0.0	18.6	51.2	90.6	135.5	185.6	238.4	291.6	347.7	405.5	461.6
20°	0.0	18.8	52.3	92.7	138.8	189.7	243.5	297.4	354.9	412.8	469.8
17.5°	0.0	18.9	53.3	94.5	141.6	193.2	247.7	302.4	361.2	419.0	477.1
15°	0.0	19.0	54.1	96.2	144.1	196.0	251.1	306.9	366.4	424.0	483.3
12.5°	0.0	19.1	54.9	97.5	146.2	198.3	253.9	311.0	370.9	427.9	488.6
10°	0.0	19.2	55.5	98.7	147.9	200.0	256.1	314.4	374.3	432.1	493.6
7.5°	0.0	19.1	56.0	99.6	149.3	201.1	257.5	317.2	376.6	435.6	499.4
5°	0.0	19.1	56.3	100.2	150.2	201.7	258.4	319.2	377.9	438.2	504.0
2.5°	0.0	19.0	56.5	100.6	150.8	201.8	258.5	320.5	378.2	439.8	507.5
0°	0.0	18.9	56.6	100.7	151.0	201.3	258.0	320.9	377.5	440.4	509.6
-2.5°	0.0	19.0	56.5	100.6	150.8	201.8	258.5	320.5	378.2	439.8	507.5
-5°	0.0	19.1	56.3	100.2	150.2	201.7	258.4	319.2	377.9	438.2	504.0
-7.5°	0.0	19.1	56.0	99.6	149.3	201.1	257.5	317.2	376.6	435.6	499.4
-10°	0.0	19.2	55.5	98.7	147.9	200.0	256.1	314.4	374.3	432.1	493.6
-12.5°	0.0	19.1	54.9	97.5	146.2	198.3	253.9	311.0	370.9	427.9	488.6
-15°	0.0	19.0	54.1	96.2	144.1	196.0	251.1	306.9	366.4	424.0	483.3
-17.5°	0.0	18.9	53.3	94.5	141.6	193.2	247.7	302.4	361.2	419.0	477.1
-20°	0.0	18.8	52.3	92.7	138.8	189.7	243.5	297.4	354.9	412.8	469.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.6	51.2	90.6	135.5	185.6	238.4	291.6	347.7	405.5	461.6
-25°	0.0	18.3	50.0	88.2	132.0	180.9	232.7	284.9	339.7	397.0	452.5
-27.5°	0.0	18.1	48.7	85.7	128.1	175.7	226.4	277.4	330.7	387.2	442.1
-30°	0.0	17.7	47.3	82.9	123.8	170.0	219.5	269.0	321.1	376.0	430.3
-32.5°	0.0	17.4	45.8	79.9	119.5	163.9	212.1	260.2	310.8	363.9	417.2
-35°	0.0	17.0	44.2	76.7	114.8	157.2	204.1	250.8	299.5	350.8	402.8
-37.5°	0.0	16.5	42.6	73.2	109.8	150.4	195.6	240.8	287.3	336.8	386.2
-40°	0.0	16.0	40.8	69.6	104.5	143.8	186.5	230.2	274.1	322.0	368.9
-42.5°	0.0	15.5	39.0	65.9	99.3	136.8	177.0	219.0	260.9	306.1	351.1
-45°	0.0	14.9	37.1	62.0	94.1	129.4	167.0	207.3	247.5	289.6	332.8
-47.5°	0.0	14.3	35.1	58.0	88.8	121.7	156.5	195.1	233.4	272.7	314.0
-50°	0.0	13.7	33.1	54.7	83.1	113.6	146.6	182.3	218.8	256.1	294.7
-52.5°	0.0	13.0	31.0	51.5	77.3	105.3	136.6	169.1	203.5	238.7	275.0
-55°	0.0	12.3	28.8	48.2	71.3	97.5	126.2	155.6	187.6	220.5	254.5
-57.5°	0.0	11.6	26.6	44.8	65.0	89.7	115.5	143.1	170.9	201.5	233.1
-60°	0.0	10.8	24.3	41.3	58.7	81.7	104.6	130.1	154.2	181.9	211.0
-62.5°	0.0	10.0	22.6	37.6	53.6	73.4	94.8	116.7	138.9	161.6	188.0
-65°	0.0	9.2	20.8	33.8	48.4	65.0	84.6	103.5	123.3	143.4	164.4
-67.5°	0.0	8.3	18.9	29.9	43.1	57.2	74.3	91.3	107.4	125.5	143.4
-70°	0.0	7.5	17.0	26.0	37.6	50.1	63.7	78.8	93.2	107.4	123.3
-72.5°	0.0	6.6	15.0	22.7	32.0	42.8	54.5	66.2	78.8	91.3	103.5
-75°	0.0	5.7	12.9	19.5	26.2	35.4	45.3	54.8	64.3	75.0	85.5
-77.5°	0.0	4.8	10.8	16.3	21.7	27.9	35.9	43.8	51.5	59.1	67.3
-80°	0.0	3.8	8.7	13.1	17.4	21.7	26.3	32.6	38.8	45.0	51.0
-82.5°	0.0	2.9	6.6	9.8	13.1	16.3	19.5	22.7	26.1	30.7	35.2
-85°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	17.2	19.3	21.3
-87.5°	0.0	1.0	2.2	3.3	4.4	5.5	6.5	7.6	8.6	9.6	10.6
-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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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°	11.6	12.6	13.5	14.5	15.3	16.2	17.0	17.8	18.6	19.3	20.0
85°	23.2	25.2	28.0	30.7	33.0	35.1	36.8	38.2	40.8	43.5	46.3
82.5°	39.6	43.9	48.1	52.2	55.1	57.3	59.5	62.7	68.3	73.6	78.5
80°	56.9	62.6	69.1	75.5	81.0	86.5	92.2	98.0	104.2	109.9	115.4
77.5°	75.9	84.3	92.5	100.5	108.4	117.0	125.3	133.2	140.8	148.1	155.0
75°	95.8	105.9	116.9	127.9	138.5	148.8	158.9	169.6	180.0	189.8	199.2
72.5°	116.7	130.1	143.2	155.9	169.7	183.2	196.3	208.8	221.1	233.9	247.5
70°	138.9	154.2	171.2	187.6	203.0	219.1	235.2	249.1	262.4	280.0	298.1
67.5°	161.7	182.4	201.7	220.1	240.6	259.6	276.1	293.8	312.7	333.0	350.9
65°	188.7	211.2	233.6	256.8	280.6	300.4	321.0	342.9	364.2	384.6	403.9
62.5°	215.3	240.7	266.4	291.8	316.3	340.0	364.8	389.2	412.6	436.3	457.2
60°	240.9	269.7	296.9	323.5	351.2	380.6	408.2	435.1	463.2	490.0	504.0
57.5°	265.7	296.5	324.9	354.7	387.2	420.5	449.4	479.9	504.0	522.6	540.7
55°	289.0	321.0	352.2	385.7	420.9	455.5	487.7	514.9	537.1	554.2	573.4
52.5°	310.8	344.6	378.4	415.0	452.4	489.3	523.0	548.5	568.5	586.0	604.0
50°	332.2	367.7	403.5	443.6	483.7	522.9	555.9	579.2	598.2	616.0	634.6
47.5°	353.3	390.4	429.0	471.8	515.2	553.1	584.3	605.7	624.8	645.8	666.0
45°	373.9	414.1	455.0	500.9	544.5	581.0	607.6	629.0	652.5	675.2	697.0
42.5°	394.1	437.5	481.7	529.3	571.5	604.4	629.2	654.5	679.9	704.1	728.6
40°	414.4	459.8	506.8	554.1	596.5	625.0	651.2	678.5	706.5	732.7	759.9
37.5°	433.9	480.9	529.3	577.1	615.7	644.5	671.8	701.8	731.3	760.0	795.5
35°	452.4	500.1	548.9	595.2	632.4	662.1	692.6	724.3	755.2	792.3	832.7
32.5°	468.9	517.3	566.8	610.0	646.3	678.4	712.6	745.6	782.8	824.8	873.3
30°	482.9	532.4	582.1	624.2	659.7	693.7	730.8	767.2	810.7	861.2	918.9
27.5°	495.1	546.0	594.3	636.4	672.5	706.3	745.4	791.4	841.3	897.9	965.6
25°	506.6	559.7	605.7	647.5	682.7	718.1	759.9	810.8	870.8	939.0	1021.8
22.5°	517.4	572.8	617.4	658.1	690.7	728.9	776.0	831.4	896.6	976.5	1077.4
20°	527.7	582.6	626.7	666.4	696.7	738.3	790.2	849.3	923.5	1018.7	1135.4
17.5°	537.3	591.1	634.0	671.4	704.5	748.4	802.8	864.0	946.8	1057.1	1188.8
15°	545.9	598.1	639.8	675.4	711.6	758.9	815.8	882.1	972.6	1093.6	1236.0
12.5°	553.6	603.8	644.3	678.5	717.2	767.6	827.4	901.0	1000.4	1129.6	1295.9
10°	560.1	608.1	647.5	680.6	721.4	774.2	837.1	916.4	1022.5	1157.4	1342.0
7.5°	565.7	611.6	649.7	681.8	724.2	778.8	844.7	928.1	1037.9	1177.3	1375.3
5°	569.6	614.4	652.3	685.7	728.4	782.4	850.2	936.2	1047.0	1189.1	1396.0
2.5°	571.9	616.0	653.9	689.4	733.0	785.5	854.3	945.0	1054.4	1200.5	1411.8
0°	572.6	616.6	654.4	692.1	736.2	786.5	855.7	950.1	1057.0	1208.1	1422.0
-2.5°	571.9	616.0	653.9	689.4	733.0	785.5	854.3	945.0	1054.4	1200.5	1411.8
-5°	569.6	614.4	652.3	685.7	728.4	782.4	850.2	936.2	1047.0	1189.1	1396.0
-7.5°	565.7	611.6	649.7	681.8	724.2	778.8	844.7	928.1	1037.9	1177.3	1375.3
-10°	560.1	608.1	647.5	680.6	721.4	774.2	837.1	916.4	1022.5	1157.4	1342.0
-12.5°	553.6	603.8	644.3	678.5	717.2	767.6	827.4	901.0	1000.4	1129.6	1295.9
-15°	545.9	598.1	639.8	675.4	711.6	758.9	815.8	882.1	972.6	1093.6	1236.0
-17.5°	537.3	591.1	634.0	671.4	704.5	748.4	802.8	864.0	946.8	1057.1	1188.8
-20°	527.7	582.6	626.7	666.4	696.7	738.3	790.2	849.3	923.5	1018.7	1135.4



REPORT NUMBER: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	517.4	572.8	617.4	658.1	690.7	728.9	776.0	831.4	896.6	976.5	1077.4
-25°	506.6	559.7	605.7	647.5	682.7	718.1	759.9	810.8	870.8	939.0	1021.8
-27.5°	495.1	546.0	594.3	636.4	672.5	706.3	745.4	791.4	841.3	897.9	965.6
-30°	482.9	532.4	582.1	624.2	659.7	693.7	730.8	767.2	810.7	861.2	918.9
-32.5°	468.9	517.3	566.8	610.0	646.3	678.4	712.6	745.6	782.8	824.8	873.3
-35°	452.4	500.1	548.9	595.2	632.4	662.1	692.6	724.3	755.2	792.3	832.7
-37.5°	433.9	480.9	529.3	577.1	615.7	644.5	671.8	701.8	731.3	760.0	795.5
-40°	414.4	459.8	506.8	554.1	596.5	625.0	651.2	678.5	706.5	732.7	759.9
-42.5°	394.1	437.5	481.7	529.3	571.5	604.4	629.2	654.5	679.9	704.1	728.6
-45°	373.9	414.1	455.0	500.9	544.5	581.0	607.6	629.0	652.5	675.2	697.0
-47.5°	353.3	390.4	429.0	471.8	515.2	553.1	584.3	605.7	624.8	645.8	666.0
-50°	332.2	367.7	403.5	443.6	483.7	522.9	555.9	579.2	598.2	616.0	634.6
-52.5°	310.8	344.6	378.4	415.0	452.4	489.3	523.0	548.5	568.5	586.0	604.0
-55°	289.0	321.0	352.2	385.7	420.9	455.5	487.7	514.9	537.1	554.2	573.4
-57.5°	265.7	296.5	324.9	354.7	387.2	420.5	449.4	479.9	504.0	522.6	540.7
-60°	240.9	269.7	296.9	323.5	351.2	380.6	408.2	435.1	463.2	490.0	504.0
-62.5°	215.3	240.7	266.4	291.8	316.3	340.0	364.8	389.2	412.6	436.3	457.2
-65°	188.7	211.2	233.6	256.8	280.6	300.4	321.0	342.9	364.2	384.6	403.9
-67.5°	161.7	182.4	201.7	220.1	240.6	259.6	276.1	293.8	312.7	333.0	350.9
-70°	138.9	154.2	171.2	187.6	203.0	219.1	235.2	249.1	262.4	280.0	298.1
-72.5°	116.7	130.1	143.2	155.9	169.7	183.2	196.3	208.8	221.1	233.9	247.5
-75°	95.8	105.9	116.9	127.9	138.5	148.8	158.9	169.6	180.0	189.8	199.2
-77.5°	75.9	84.3	92.5	100.5	108.4	117.0	125.3	133.2	140.8	148.1	155.0
-80°	56.9	62.6	69.1	75.5	81.0	86.5	92.2	98.0	104.2	109.9	115.4
-82.5°	39.6	43.9	48.1	52.2	55.1	57.3	59.5	62.7	68.3	73.6	78.5
-85°	23.2	25.2	28.0	30.7	33.0	35.1	36.8	38.2	40.8	43.5	46.3
-87.5°	11.6	12.6	13.5	14.5	15.3	16.2	17.0	17.8	18.6	19.3	20.0
-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: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.6	21.3	21.8	22.4	22.8	23.3	23.7	24.0	24.3	23.1	21.7
85°	49.2	51.1	52.8	54.4	55.8	57.1	58.3	59.4	60.3	59.6	58.6
82.5°	82.9	86.2	89.2	92.0	94.5	96.9	99.0	100.8	102.5	102.3	101.9
80°	120.6	126.0	131.5	136.8	142.1	145.3	147.6	149.3	150.5	151.0	151.2
77.5°	162.1	170.5	179.2	187.7	196.1	201.0	204.4	207.3	209.5	210.0	209.6
75°	208.0	218.8	230.7	241.1	250.1	255.6	259.4	262.7	265.3	266.0	265.7
72.5°	261.5	274.8	285.4	294.2	301.8	307.8	312.6	316.7	320.0	321.4	321.6
70°	314.1	327.2	337.4	346.3	353.7	359.9	365.6	370.5	374.6	377.6	379.8
67.5°	367.4	382.4	392.7	400.8	407.2	413.6	421.3	427.9	433.5	437.2	439.0
65°	422.0	437.5	447.5	456.3	464.1	472.3	480.8	487.1	491.2	493.7	495.4
62.5°	475.0	489.4	502.0	513.7	524.9	534.3	540.1	545.4	549.8	553.6	556.5
60°	520.4	538.8	552.9	564.1	575.2	585.8	593.0	598.6	603.1	606.4	608.4
57.5°	559.2	578.0	594.6	605.5	617.4	630.1	638.4	643.2	647.6	651.4	653.2
55°	593.1	610.5	625.8	640.7	654.0	665.4	674.3	680.7	686.2	690.5	691.9
52.5°	623.7	642.5	660.5	676.3	689.5	700.4	709.2	717.1	723.3	727.4	729.3
50°	655.7	676.0	695.3	712.6	726.1	738.3	749.3	758.7	767.8	774.9	780.1
47.5°	687.3	709.0	730.2	749.2	765.4	783.1	799.1	812.6	825.7	836.4	843.7
45°	719.1	744.1	767.2	791.8	813.7	836.9	858.5	877.1	896.2	910.6	920.4
42.5°	754.4	782.8	810.7	841.3	871.1	901.4	934.1	963.3	985.8	1006.9	1024.0
40°	792.3	824.8	861.2	898.7	942.6	982.5	1026.5	1064.2	1098.3	1134.3	1163.0
37.5°	832.7	873.3	921.1	971.2	1028.1	1082.8	1140.1	1196.5	1245.7	1303.7	1348.0
35°	877.4	931.5	990.3	1058.1	1129.0	1207.3	1285.8	1376.4	1454.4	1540.2	1615.0
32.5°	930.2	994.8	1072.1	1161.5	1252.6	1371.3	1482.3	1626.6	1751.4	1887.6	2024.7
30°	984.6	1069.0	1168.7	1281.4	1426.1	1589.5	1771.5	1986.2	2207.5	2421.6	2679.9
27.5°	1051.9	1153.9	1274.6	1439.2	1652.2	1873.0	2186.0	2508.3	2915.0	3251.4	3725.8
25°	1121.8	1241.9	1413.4	1637.3	1915.3	2298.5	2773.6	3288.5	4004.2	4633.0	5370.4
22.5°	1198.0	1360.1	1573.5	1849.7	2271.4	2859.6	3578.9	4548.3	5604.0	6724.8	7839.6
20°	1277.3	1473.4	1753.1	2153.6	2732.1	3528.7	4763.7	6260.2	7768.4	9617.7	11255.2
17.5°	1369.2	1618.8	1963.5	2464.3	3236.4	4456.5	6169.8	8259.1	10598.7	13257.7	15618.5
15°	1445.7	1743.4	2178.5	2879.1	3941.0	5507.9	7668.5	10542.6	14058.5	17629.6	21252.6
12.5°	1534.6	1878.9	2389.9	3225.3	4559.0	6641.5	9582.3	13220.3	17611.2	22564.4	28403.5
10°	1613.5	2012.0	2647.2	3681.3	5311.2	7823.7	11392.8	15769.4	21436.0	28562.5	37604.8
7.5°	1672.0	2117.9	2845.8	4028.4	5961.4	8960.3	13103.4	18560.9	25761.2	35171.7	47581.6
5°	1710.0	2194.5	2986.3	4296.1	6470.4	9806.2	14357.0	20540.8	29227.4	42537.0	63551.6
2.5°	1732.8	2239.8	3066.5	4453.1	6780.0	10366.7	15310.7	22037.9	31473.9	47088.8	73823.3
0°	1742.9	2252.5	3114.5	4536.5	6883.4	10583.1	15748.7	22720.2	32479.0	48152.3	75629.2
-2.5°	1732.8	2239.8	3066.5	4453.1	6780.0	10366.7	15310.7	22037.9	31473.9	47088.8	73823.3
-5°	1710.0	2194.5	2986.3	4296.1	6470.4	9806.2	14357.0	20540.8	29227.4	42537.0	63551.6
-7.5°	1672.0	2117.9	2845.8	4028.4	5961.4	8960.3	13103.4	18560.9	25761.2	35171.7	47581.6
-10°	1613.5	2012.0	2647.2	3681.3	5311.2	7823.7	11392.8	15769.4	21436.0	28562.5	37604.8
-12.5°	1534.6	1878.9	2389.9	3225.3	4559.0	6641.5	9582.3	13220.3	17611.2	22564.4	28403.5
-15°	1445.7	1743.4	2178.5	2879.1	3941.0	5507.9	7668.5	10542.6	14058.5	17629.6	21252.6
-17.5°	1369.2	1618.8	1963.5	2464.3	3236.4	4456.5	6169.8	8259.1	10598.7	13257.7	15618.5
-20°	1277.3	1473.4	1753.1	2153.6	2732.1	3528.7	4763.7	6260.2	7768.4	9617.7	11255.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1198.0	1360.1	1573.5	1849.7	2271.4	2859.6	3578.9	4548.3	5604.0	6724.8	7839.6
-25°	1121.8	1241.9	1413.4	1637.3	1915.3	2298.5	2773.6	3288.5	4004.2	4633.0	5370.4
-27.5°	1051.9	1153.9	1274.6	1439.2	1652.2	1873.0	2186.0	2508.3	2915.0	3251.4	3725.8
-30°	984.6	1069.0	1168.7	1281.4	1426.1	1589.5	1771.5	1986.2	2207.5	2421.6	2679.9
-32.5°	930.2	994.8	1072.1	1161.5	1252.6	1371.3	1482.3	1626.6	1751.4	1887.6	2024.7
-35°	877.4	931.5	990.3	1058.1	1129.0	1207.3	1285.8	1376.4	1454.4	1540.2	1615.0
-37.5°	832.7	873.3	921.1	971.2	1028.1	1082.8	1140.1	1196.5	1245.7	1303.7	1348.0
-40°	792.3	824.8	861.2	898.7	942.6	982.5	1026.5	1064.2	1098.3	1134.3	1163.0
-42.5°	754.4	782.8	810.7	841.3	871.1	901.4	934.1	963.3	985.8	1006.9	1024.0
-45°	719.1	744.1	767.2	791.8	813.7	836.9	858.5	877.1	896.2	910.6	920.4
-47.5°	687.3	709.0	730.2	749.2	765.4	783.1	799.1	812.6	825.7	836.4	843.7
-50°	655.7	676.0	695.3	712.6	726.1	738.3	749.3	758.7	767.8	774.9	780.1
-52.5°	623.7	642.5	660.5	676.3	689.5	700.4	709.2	717.1	723.3	727.4	729.3
-55°	593.1	610.5	625.8	640.7	654.0	665.4	674.3	680.7	686.2	690.5	691.9
-57.5°	559.2	578.0	594.6	605.5	617.4	630.1	638.4	643.2	647.6	651.4	653.2
-60°	520.4	538.8	552.9	564.1	575.2	585.8	593.0	598.6	603.1	606.4	608.4
-62.5°	475.0	489.4	502.0	513.7	524.9	534.3	540.1	545.4	549.8	553.6	556.5
-65°	422.0	437.5	447.5	456.3	464.1	472.3	480.8	487.1	491.2	493.7	495.4
-67.5°	367.4	382.4	392.7	400.8	407.2	413.6	421.3	427.9	433.5	437.2	439.0
-70°	314.1	327.2	337.4	346.3	353.7	359.9	365.6	370.5	374.6	377.6	379.8
-72.5°	261.5	274.8	285.4	294.2	301.8	307.8	312.6	316.7	320.0	321.4	321.6
-75°	208.0	218.8	230.7	241.1	250.1	255.6	259.4	262.7	265.3	266.0	265.7
-77.5°	162.1	170.5	179.2	187.7	196.1	201.0	204.4	207.3	209.5	210.0	209.6
-80°	120.6	126.0	131.5	136.8	142.1	145.3	147.6	149.3	150.5	151.0	151.2
-82.5°	82.9	86.2	89.2	92.0	94.5	96.9	99.0	100.8	102.5	102.3	101.9
-85°	49.2	51.1	52.8	54.4	55.8	57.1	58.3	59.4	60.3	59.6	58.6
-87.5°	20.6	21.3	21.8	22.4	22.8	23.3	23.7	24.0	24.3	23.1	21.7
-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: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.3	18.8	18.9	18.9	18.9	18.8	20.3	21.7	23.1	24.3	24.0
85°	57.5	56.3	56.5	56.6	56.5	56.3	57.5	58.6	59.6	60.3	59.4
82.5°	101.2	100.2	100.6	100.7	100.6	100.2	101.2	101.9	102.3	102.5	100.8
80°	150.9	150.3	147.7	144.7	147.7	150.3	150.9	151.2	151.0	150.5	149.3
77.5°	208.4	206.7	204.3	201.3	204.3	206.7	208.4	209.6	210.0	209.5	207.3
75°	264.8	263.2	264.0	264.3	264.0	263.2	264.8	265.7	266.0	265.3	262.7
72.5°	321.0	319.6	320.5	320.9	320.5	319.6	321.0	321.6	321.4	320.0	316.7
70°	381.3	382.0	380.4	377.5	380.4	382.0	381.3	379.8	377.6	374.6	370.5
67.5°	439.6	438.9	437.0	434.1	437.0	438.9	439.6	439.0	437.2	433.5	427.9
65°	496.0	495.4	496.5	497.1	496.5	495.4	496.0	495.4	493.7	491.2	487.1
62.5°	557.9	557.9	556.6	553.7	556.6	557.9	557.9	556.5	553.6	549.8	545.4
60°	609.2	608.7	607.0	604.0	607.0	608.7	609.2	608.4	606.4	603.1	598.6
57.5°	653.7	653.1	651.2	648.1	651.2	653.1	653.7	653.2	651.4	647.6	643.2
55°	692.1	691.2	689.1	685.8	689.1	691.2	692.1	691.9	690.5	686.2	680.7
52.5°	729.8	729.0	729.2	729.9	729.2	729.0	729.8	729.3	727.4	723.3	717.1
50°	783.2	784.3	783.3	780.2	783.3	784.3	783.2	780.1	774.9	767.8	758.7
47.5°	847.2	847.6	846.1	843.1	846.1	847.6	847.2	843.7	836.4	825.7	812.6
45°	928.0	932.5	933.7	931.2	933.7	932.5	928.0	920.4	910.6	896.2	877.1
42.5°	1037.2	1044.4	1046.5	1044.5	1046.5	1044.4	1037.2	1024.0	1006.9	985.8	963.3
40°	1180.6	1188.8	1190.3	1189.2	1190.3	1188.8	1180.6	1163.0	1134.3	1098.3	1064.2
37.5°	1379.1	1399.0	1408.3	1409.4	1408.3	1399.0	1379.1	1348.0	1303.7	1245.7	1196.5
35°	1672.0	1711.5	1732.7	1742.9	1732.7	1711.5	1672.0	1615.0	1540.2	1454.4	1376.4
32.5°	2128.6	2207.8	2251.6	2246.2	2251.6	2207.8	2128.6	2024.7	1887.6	1751.4	1626.6
30°	2874.6	3013.0	3082.6	3064.2	3082.6	3013.0	2874.6	2679.9	2421.6	2207.5	1986.2
27.5°	4066.5	4316.6	4461.2	4442.1	4461.2	4316.6	4066.5	3725.8	3251.4	2915.0	2508.3
25°	5987.0	6443.3	6735.5	6663.2	6735.5	6443.3	5987.0	5370.4	4633.0	4004.2	3288.5
22.5°	8908.4	9681.5	10193.1	10130.0	10193.1	9681.5	8908.4	7839.6	6724.8	5604.0	4548.3
20°	12915.7	14092.5	14932.7	15044.1	14932.7	14092.5	12915.7	11255.2	9617.7	7768.4	6260.2
17.5°	18168.6	20034.4	21333.2	21549.9	21333.2	20034.4	18168.6	15618.5	13257.7	10598.7	8259.1
15°	24995.3	28044.9	30252.0	30434.2	30252.0	28044.9	24995.3	21252.6	17629.6	14058.5	10542.6
12.5°	34265.1	40398.7	44401.7	46164.0	44401.7	40398.7	34265.1	28403.5	22564.4	17611.2	13220.3
10°	47094.0	61182.5	70205.0	73596.9	70205.0	61182.5	47094.0	37604.8	28562.5	21436.0	15769.4
7.5°	68522.0	90641.5	115232.3	125713.2	115232.3	90641.5	68522.0	47581.6	35171.7	25761.2	18560.9
5°	92787.7	138694.2	182359.6	199410.7	182359.6	138694.2	92787.7	63551.6	42537.0	29227.4	20540.8
2.5°	118321.4	182308.4	242269.2	265718.5	242269.2	182308.4	118321.4	73823.3	47088.8	31473.9	22037.9
0°	128292.9	201405.3	267376.4	293670.4	267376.4	201405.3	128292.9	75629.2	48152.3	32479.0	22720.2
-2.5°	118321.4	182308.4	242269.2	265718.5	242269.2	182308.4	118321.4	73823.3	47088.8	31473.9	22037.9
-5°	92787.7	138694.2	182359.6	199410.7	182359.6	138694.2	92787.7	63551.6	42537.0	29227.4	20540.8
-7.5°	68522.0	90641.5	115232.3	125713.2	115232.3	90641.5	68522.0	47581.6	35171.7	25761.2	18560.9
-10°	47094.0	61182.5	70205.0	73596.9	70205.0	61182.5	47094.0	37604.8	28562.5	21436.0	15769.4
-12.5°	34265.1	40398.7	44401.7	46164.0	44401.7	40398.7	34265.1	28403.5	22564.4	17611.2	13220.3
-15°	24995.3	28044.9	30252.0	30434.2	30252.0	28044.9	24995.3	21252.6	17629.6	14058.5	10542.6
-17.5°	18168.6	20034.4	21333.2	21549.9	21333.2	20034.4	18168.6	15618.5	13257.7	10598.7	8259.1
-20°	12915.7	14092.5	14932.7	15044.1	14932.7	14092.5	12915.7	11255.2	9617.7	7768.4	6260.2



REPORT NUMBER: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8908.4	9681.5	10193.1	10130.0	10193.1	9681.5	8908.4	7839.6	6724.8	5604.0	4548.3
-25°	5987.0	6443.3	6735.5	6663.2	6735.5	6443.3	5987.0	5370.4	4633.0	4004.2	3288.5
-27.5°	4066.5	4316.6	4461.2	4442.1	4461.2	4316.6	4066.5	3725.8	3251.4	2915.0	2508.3
-30°	2874.6	3013.0	3082.6	3064.2	3082.6	3013.0	2874.6	2679.9	2421.6	2207.5	1986.2
-32.5°	2128.6	2207.8	2251.6	2246.2	2251.6	2207.8	2128.6	2024.7	1887.6	1751.4	1626.6
-35°	1672.0	1711.5	1732.7	1742.9	1732.7	1711.5	1672.0	1615.0	1540.2	1454.4	1376.4
-37.5°	1379.1	1399.0	1408.3	1409.4	1408.3	1399.0	1379.1	1348.0	1303.7	1245.7	1196.5
-40°	1180.6	1188.8	1190.3	1189.2	1190.3	1188.8	1180.6	1163.0	1134.3	1098.3	1064.2
-42.5°	1037.2	1044.4	1046.5	1044.5	1046.5	1044.4	1037.2	1024.0	1006.9	985.8	963.3
-45°	928.0	932.5	933.7	931.2	933.7	932.5	928.0	920.4	910.6	896.2	877.1
-47.5°	847.2	847.6	846.1	843.1	846.1	847.6	847.2	843.7	836.4	825.7	812.6
-50°	783.2	784.3	783.3	780.2	783.3	784.3	783.2	780.1	774.9	767.8	758.7
-52.5°	729.8	729.0	729.2	729.9	729.2	729.0	729.8	729.3	727.4	723.3	717.1
-55°	692.1	691.2	689.1	685.8	689.1	691.2	692.1	691.9	690.5	686.2	680.7
-57.5°	653.7	653.1	651.2	648.1	651.2	653.1	653.7	653.2	651.4	647.6	643.2
-60°	609.2	608.7	607.0	604.0	607.0	608.7	609.2	608.4	606.4	603.1	598.6
-62.5°	557.9	557.9	556.6	553.7	556.6	557.9	557.9	556.5	553.6	549.8	545.4
-65°	496.0	495.4	496.5	497.1	496.5	495.4	496.0	495.4	493.7	491.2	487.1
-67.5°	439.6	438.9	437.0	434.1	437.0	438.9	439.6	439.0	437.2	433.5	427.9
-70°	381.3	382.0	380.4	377.5	380.4	382.0	381.3	379.8	377.6	374.6	370.5
-72.5°	321.0	319.6	320.5	320.9	320.5	319.6	321.0	321.6	321.4	320.0	316.7
-75°	264.8	263.2	264.0	264.3	264.0	263.2	264.8	265.7	266.0	265.3	262.7
-77.5°	208.4	206.7	204.3	201.3	204.3	206.7	208.4	209.6	210.0	209.5	207.3
-80°	150.9	150.3	147.7	144.7	147.7	150.3	150.9	151.2	151.0	150.5	149.3
-82.5°	101.2	100.2	100.6	100.7	100.6	100.2	101.2	101.9	102.3	102.5	100.8
-85°	57.5	56.3	56.5	56.6	56.5	56.3	57.5	58.6	59.6	60.3	59.4
-87.5°	20.3	18.8	18.9	18.9	18.9	18.8	20.3	21.7	23.1	24.3	24.0
-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: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.7	23.3	22.8	22.4	21.8	21.3	20.6	20.0	19.3	18.6	17.8
85°	58.3	57.1	55.8	54.4	52.8	51.1	49.2	46.3	43.5	40.8	38.2
82.5°	99.0	96.9	94.5	92.0	89.2	86.2	82.9	78.5	73.6	68.3	62.7
80°	147.6	145.3	142.1	136.8	131.5	126.0	120.6	115.4	109.9	104.2	98.0
77.5°	204.4	201.0	196.1	187.7	179.2	170.5	162.1	155.0	148.1	140.8	133.2
75°	259.4	255.6	250.1	241.1	230.7	218.8	208.0	199.2	189.8	180.0	169.6
72.5°	312.6	307.8	301.8	294.2	285.4	274.8	261.5	247.5	233.9	221.1	208.8
70°	365.6	359.9	353.7	346.3	337.4	327.2	314.1	298.1	280.0	262.4	249.1
67.5°	421.3	413.6	407.2	400.8	392.7	382.4	367.4	350.9	333.0	312.7	293.8
65°	480.8	472.3	464.1	456.3	447.5	437.5	422.0	403.9	384.6	364.2	342.9
62.5°	540.1	534.3	524.9	513.7	502.0	489.4	475.0	457.2	436.3	412.6	389.2
60°	593.0	585.8	575.2	564.1	552.9	538.8	520.4	504.0	490.0	463.2	435.1
57.5°	638.4	630.1	617.4	605.5	594.6	578.0	559.2	540.7	522.6	504.0	479.9
55°	674.3	665.4	654.0	640.7	625.8	610.5	593.1	573.4	554.2	537.1	514.9
52.5°	709.2	700.4	689.5	676.3	660.5	642.5	623.7	604.0	586.0	568.5	548.5
50°	749.3	738.3	726.1	712.6	695.3	676.0	655.7	634.6	616.0	598.2	579.2
47.5°	799.1	783.1	765.4	749.2	730.2	709.0	687.3	666.0	645.8	624.8	605.7
45°	858.5	836.9	813.7	791.8	767.2	744.1	719.1	697.0	675.2	652.5	629.0
42.5°	934.1	901.4	871.1	841.3	810.7	782.8	754.4	728.6	704.1	679.9	654.5
40°	1026.5	982.5	942.6	898.7	861.2	824.8	792.3	759.9	732.7	706.5	678.5
37.5°	1140.1	1082.8	1028.1	971.2	921.1	873.3	832.7	795.5	760.0	731.3	701.8
35°	1285.8	1207.3	1129.0	1058.1	990.3	931.5	877.4	832.7	792.3	755.2	724.3
32.5°	1482.3	1371.3	1252.6	1161.5	1072.1	994.8	930.2	873.3	824.8	782.8	745.6
30°	1771.5	1589.5	1426.1	1281.4	1168.7	1069.0	984.6	918.9	861.2	810.7	767.2
27.5°	2186.0	1873.0	1652.2	1439.2	1274.6	1153.9	1051.9	965.6	897.9	841.3	791.4
25°	2773.6	2298.5	1915.3	1637.3	1413.4	1241.9	1121.8	1021.8	939.0	870.8	810.8
22.5°	3578.9	2859.6	2271.4	1849.7	1573.5	1360.1	1198.0	1077.4	976.5	896.6	831.4
20°	4763.7	3528.7	2732.1	2153.6	1753.1	1473.4	1277.3	1135.4	1018.7	923.5	849.3
17.5°	6169.8	4456.5	3236.4	2464.3	1963.5	1618.8	1369.2	1188.8	1057.1	946.8	864.0
15°	7668.5	5507.9	3941.0	2879.1	2178.5	1743.4	1445.7	1236.0	1093.6	972.6	882.1
12.5°	9582.3	6641.5	4559.0	3225.3	2389.9	1878.9	1534.6	1295.9	1129.6	1000.4	901.0
10°	11392.8	7823.7	5311.2	3681.3	2647.2	2012.0	1613.5	1342.0	1157.4	1022.5	916.4
7.5°	13103.4	8960.3	5961.4	4028.4	2845.8	2117.9	1672.0	1375.3	1177.3	1037.9	928.1
5°	14357.0	9806.2	6470.4	4296.1	2986.3	2194.5	1710.0	1396.0	1189.1	1047.0	936.2
2.5°	15310.7	10366.7	6780.0	4453.1	3066.5	2239.8	1732.8	1411.8	1200.5	1054.4	945.0
0°	15748.7	10583.1	6883.4	4536.5	3114.5	2252.5	1742.9	1422.0	1208.1	1057.0	950.1
-2.5°	15310.7	10366.7	6780.0	4453.1	3066.5	2239.8	1732.8	1411.8	1200.5	1054.4	945.0
-5°	14357.0	9806.2	6470.4	4296.1	2986.3	2194.5	1710.0	1396.0	1189.1	1047.0	936.2
-7.5°	13103.4	8960.3	5961.4	4028.4	2845.8	2117.9	1672.0	1375.3	1177.3	1037.9	928.1
-10°	11392.8	7823.7	5311.2	3681.3	2647.2	2012.0	1613.5	1342.0	1157.4	1022.5	916.4
-12.5°	9582.3	6641.5	4559.0	3225.3	2389.9	1878.9	1534.6	1295.9	1129.6	1000.4	901.0
-15°	7668.5	5507.9	3941.0	2879.1	2178.5	1743.4	1445.7	1236.0	1093.6	972.6	882.1
-17.5°	6169.8	4456.5	3236.4	2464.3	1963.5	1618.8	1369.2	1188.8	1057.1	946.8	864.0
-20°	4763.7	3528.7	2732.1	2153.6	1753.1	1473.4	1277.3	1135.4	1018.7	923.5	849.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3578.9	2859.6	2271.4	1849.7	1573.5	1360.1	1198.0	1077.4	976.5	896.6	831.4
-25°	2773.6	2298.5	1915.3	1637.3	1413.4	1241.9	1121.8	1021.8	939.0	870.8	810.8
-27.5°	2186.0	1873.0	1652.2	1439.2	1274.6	1153.9	1051.9	965.6	897.9	841.3	791.4
-30°	1771.5	1589.5	1426.1	1281.4	1168.7	1069.0	984.6	918.9	861.2	810.7	767.2
-32.5°	1482.3	1371.3	1252.6	1161.5	1072.1	994.8	930.2	873.3	824.8	782.8	745.6
-35°	1285.8	1207.3	1129.0	1058.1	990.3	931.5	877.4	832.7	792.3	755.2	724.3
-37.5°	1140.1	1082.8	1028.1	971.2	921.1	873.3	832.7	795.5	760.0	731.3	701.8
-40°	1026.5	982.5	942.6	898.7	861.2	824.8	792.3	759.9	732.7	706.5	678.5
-42.5°	934.1	901.4	871.1	841.3	810.7	782.8	754.4	728.6	704.1	679.9	654.5
-45°	858.5	836.9	813.7	791.8	767.2	744.1	719.1	697.0	675.2	652.5	629.0
-47.5°	799.1	783.1	765.4	749.2	730.2	709.0	687.3	666.0	645.8	624.8	605.7
-50°	749.3	738.3	726.1	712.6	695.3	676.0	655.7	634.6	616.0	598.2	579.2
-52.5°	709.2	700.4	689.5	676.3	660.5	642.5	623.7	604.0	586.0	568.5	548.5
-55°	674.3	665.4	654.0	640.7	625.8	610.5	593.1	573.4	554.2	537.1	514.9
-57.5°	638.4	630.1	617.4	605.5	594.6	578.0	559.2	540.7	522.6	504.0	479.9
-60°	593.0	585.8	575.2	564.1	552.9	538.8	520.4	504.0	490.0	463.2	435.1
-62.5°	540.1	534.3	524.9	513.7	502.0	489.4	475.0	457.2	436.3	412.6	389.2
-65°	480.8	472.3	464.1	456.3	447.5	437.5	422.0	403.9	384.6	364.2	342.9
-67.5°	421.3	413.6	407.2	400.8	392.7	382.4	367.4	350.9	333.0	312.7	293.8
-70°	365.6	359.9	353.7	346.3	337.4	327.2	314.1	298.1	280.0	262.4	249.1
-72.5°	312.6	307.8	301.8	294.2	285.4	274.8	261.5	247.5	233.9	221.1	208.8
-75°	259.4	255.6	250.1	241.1	230.7	218.8	208.0	199.2	189.8	180.0	169.6
-77.5°	204.4	201.0	196.1	187.7	179.2	170.5	162.1	155.0	148.1	140.8	133.2
-80°	147.6	145.3	142.1	136.8	131.5	126.0	120.6	115.4	109.9	104.2	98.0
-82.5°	99.0	96.9	94.5	92.0	89.2	86.2	82.9	78.5	73.6	68.3	62.7
-85°	58.3	57.1	55.8	54.4	52.8	51.1	49.2	46.3	43.5	40.8	38.2
-87.5°	23.7	23.3	22.8	22.4	21.8	21.3	20.6	20.0	19.3	18.6	17.8
-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: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.0	16.2	15.3	14.5	13.5	12.6	11.6	10.6	9.6	8.6	7.6
85°	36.8	35.1	33.0	30.7	28.0	25.2	23.2	21.3	19.3	17.2	15.1
82.5°	59.5	57.3	55.1	52.2	48.1	43.9	39.6	35.2	30.7	26.1	22.7
80°	92.2	86.5	81.0	75.5	69.1	62.6	56.9	51.0	45.0	38.8	32.6
77.5°	125.3	117.0	108.4	100.5	92.5	84.3	75.9	67.3	59.1	51.5	43.8
75°	158.9	148.8	138.5	127.9	116.9	105.9	95.8	85.5	75.0	64.3	54.8
72.5°	196.3	183.2	169.7	155.9	143.2	130.1	116.7	103.5	91.3	78.8	66.2
70°	235.2	219.1	203.0	187.6	171.2	154.2	138.9	123.3	107.4	93.2	78.8
67.5°	276.1	259.6	240.6	220.1	201.7	182.4	161.7	143.4	125.5	107.4	91.3
65°	321.0	300.4	280.6	256.8	233.6	211.2	188.7	164.4	143.4	123.3	103.5
62.5°	364.8	340.0	316.3	291.8	266.4	240.7	215.3	188.0	161.6	138.9	116.7
60°	408.2	380.6	351.2	323.5	296.9	269.7	240.9	211.0	181.9	154.2	130.1
57.5°	449.4	420.5	387.2	354.7	324.9	296.5	265.7	233.1	201.5	170.9	143.1
55°	487.7	455.5	420.9	385.7	352.2	321.0	289.0	254.5	220.5	187.6	155.6
52.5°	523.0	489.3	452.4	415.0	378.4	344.6	310.8	275.0	238.7	203.5	169.1
50°	555.9	522.9	483.7	443.6	403.5	367.7	332.2	294.7	256.1	218.8	182.3
47.5°	584.3	553.1	515.2	471.8	429.0	390.4	353.3	314.0	272.7	233.4	195.1
45°	607.6	581.0	544.5	500.9	455.0	414.1	373.9	332.8	289.6	247.5	207.3
42.5°	629.2	604.4	571.5	529.3	481.7	437.5	394.1	351.1	306.1	260.9	219.0
40°	651.2	625.0	596.5	554.1	506.8	459.8	414.4	368.9	322.0	274.1	230.2
37.5°	671.8	644.5	615.7	577.1	529.3	480.9	433.9	386.2	336.8	287.3	240.8
35°	692.6	662.1	632.4	595.2	548.9	500.1	452.4	402.8	350.8	299.5	250.8
32.5°	712.6	678.4	646.3	610.0	566.8	517.3	468.9	417.2	363.9	310.8	260.2
30°	730.8	693.7	659.7	624.2	582.1	532.4	482.9	430.3	376.0	321.1	269.0
27.5°	745.4	706.3	672.5	636.4	594.3	546.0	495.1	442.1	387.2	330.7	277.4
25°	759.9	718.1	682.7	647.5	605.7	559.7	506.6	452.5	397.0	339.7	284.9
22.5°	776.0	728.9	690.7	658.1	617.4	572.8	517.4	461.6	405.5	347.7	291.6
20°	790.2	738.3	696.7	666.4	626.7	582.6	527.7	469.8	412.8	354.9	297.4
17.5°	802.8	748.4	704.5	671.4	634.0	591.1	537.3	477.1	419.0	361.2	302.4
15°	815.8	758.9	711.6	675.4	639.8	598.1	545.9	483.3	424.0	366.4	306.9
12.5°	827.4	767.6	717.2	678.5	644.3	603.8	553.6	488.6	427.9	370.9	311.0
10°	837.1	774.2	721.4	680.6	647.5	608.1	560.1	493.6	432.1	374.3	314.4
7.5°	844.7	778.8	724.2	681.8	649.7	611.6	565.7	499.4	435.6	376.6	317.2
5°	850.2	782.4	728.4	685.7	652.3	614.4	569.6	504.0	438.2	377.9	319.2
2.5°	854.3	785.5	733.0	689.4	653.9	616.0	571.9	507.5	439.8	378.2	320.5
0°	855.7	786.5	736.2	692.1	654.4	616.6	572.6	509.6	440.4	377.5	320.9
-2.5°	854.3	785.5	733.0	689.4	653.9	616.0	571.9	507.5	439.8	378.2	320.5
-5°	850.2	782.4	728.4	685.7	652.3	614.4	569.6	504.0	438.2	377.9	319.2
-7.5°	844.7	778.8	724.2	681.8	649.7	611.6	565.7	499.4	435.6	376.6	317.2
-10°	837.1	774.2	721.4	680.6	647.5	608.1	560.1	493.6	432.1	374.3	314.4
-12.5°	827.4	767.6	717.2	678.5	644.3	603.8	553.6	488.6	427.9	370.9	311.0
-15°	815.8	758.9	711.6	675.4	639.8	598.1	545.9	483.3	424.0	366.4	306.9
-17.5°	802.8	748.4	704.5	671.4	634.0	591.1	537.3	477.1	419.0	361.2	302.4
-20°	790.2	738.3	696.7	666.4	626.7	582.6	527.7	469.8	412.8	354.9	297.4

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	776.0	728.9	690.7	658.1	617.4	572.8	517.4	461.6	405.5	347.7	291.6
-25°	759.9	718.1	682.7	647.5	605.7	559.7	506.6	452.5	397.0	339.7	284.9
-27.5°	745.4	706.3	672.5	636.4	594.3	546.0	495.1	442.1	387.2	330.7	277.4
-30°	730.8	693.7	659.7	624.2	582.1	532.4	482.9	430.3	376.0	321.1	269.0
-32.5°	712.6	678.4	646.3	610.0	566.8	517.3	468.9	417.2	363.9	310.8	260.2
-35°	692.6	662.1	632.4	595.2	548.9	500.1	452.4	402.8	350.8	299.5	250.8
-37.5°	671.8	644.5	615.7	577.1	529.3	480.9	433.9	386.2	336.8	287.3	240.8
-40°	651.2	625.0	596.5	554.1	506.8	459.8	414.4	368.9	322.0	274.1	230.2
-42.5°	629.2	604.4	571.5	529.3	481.7	437.5	394.1	351.1	306.1	260.9	219.0
-45°	607.6	581.0	544.5	500.9	455.0	414.1	373.9	332.8	289.6	247.5	207.3
-47.5°	584.3	553.1	515.2	471.8	429.0	390.4	353.3	314.0	272.7	233.4	195.1
-50°	555.9	522.9	483.7	443.6	403.5	367.7	332.2	294.7	256.1	218.8	182.3
-52.5°	523.0	489.3	452.4	415.0	378.4	344.6	310.8	275.0	238.7	203.5	169.1
-55°	487.7	455.5	420.9	385.7	352.2	321.0	289.0	254.5	220.5	187.6	155.6
-57.5°	449.4	420.5	387.2	354.7	324.9	296.5	265.7	233.1	201.5	170.9	143.1
-60°	408.2	380.6	351.2	323.5	296.9	269.7	240.9	211.0	181.9	154.2	130.1
-62.5°	364.8	340.0	316.3	291.8	266.4	240.7	215.3	188.0	161.6	138.9	116.7
-65°	321.0	300.4	280.6	256.8	233.6	211.2	188.7	164.4	143.4	123.3	103.5
-67.5°	276.1	259.6	240.6	220.1	201.7	182.4	161.7	143.4	125.5	107.4	91.3
-70°	235.2	219.1	203.0	187.6	171.2	154.2	138.9	123.3	107.4	93.2	78.8
-72.5°	196.3	183.2	169.7	155.9	143.2	130.1	116.7	103.5	91.3	78.8	66.2
-75°	158.9	148.8	138.5	127.9	116.9	105.9	95.8	85.5	75.0	64.3	54.8
-77.5°	125.3	117.0	108.4	100.5	92.5	84.3	75.9	67.3	59.1	51.5	43.8
-80°	92.2	86.5	81.0	75.5	69.1	62.6	56.9	51.0	45.0	38.8	32.6
-82.5°	59.5	57.3	55.1	52.2	48.1	43.9	39.6	35.2	30.7	26.1	22.7
-85°	36.8	35.1	33.0	30.7	28.0	25.2	23.2	21.3	19.3	17.2	15.1
-87.5°	17.0	16.2	15.3	14.5	13.5	12.6	11.6	10.6	9.6	8.6	7.6
-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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Scaled Data Report



REPORT NUMBER: P627839 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	5.5	4.4	3.3	2.2	1.0	0.0
85°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
82.5°	19.5	16.3	13.1	9.8	6.6	2.9	0.0
80°	26.3	21.7	17.4	13.1	8.7	3.8	0.0
77.5°	35.9	27.9	21.7	16.3	10.8	4.8	0.0
75°	45.3	35.4	26.2	19.5	12.9	5.7	0.0
72.5°	54.5	42.8	32.0	22.7	15.0	6.6	0.0
70°	63.7	50.1	37.6	26.0	17.0	7.5	0.0
67.5°	74.3	57.2	43.1	29.9	18.9	8.3	0.0
65°	84.6	65.0	48.4	33.8	20.8	9.2	0.0
62.5°	94.8	73.4	53.6	37.6	22.6	10.0	0.0
60°	104.6	81.7	58.7	41.3	24.3	10.8	0.0
57.5°	115.5	89.7	65.0	44.8	26.6	11.6	0.0
55°	126.2	97.5	71.3	48.2	28.8	12.3	0.0
52.5°	136.6	105.3	77.3	51.5	31.0	13.0	0.0
50°	146.6	113.6	83.1	54.7	33.1	13.7	0.0
47.5°	156.5	121.7	88.8	58.0	35.1	14.3	0.0
45°	167.0	129.4	94.1	62.0	37.1	14.9	0.0
42.5°	177.0	136.8	99.3	65.9	39.0	15.5	0.0
40°	186.5	143.8	104.5	69.6	40.8	16.0	0.0
37.5°	195.6	150.4	109.8	73.2	42.6	16.5	0.0
35°	204.1	157.2	114.8	76.7	44.2	17.0	0.0
32.5°	212.1	163.9	119.5	79.9	45.8	17.4	0.0
30°	219.5	170.0	123.8	82.9	47.3	17.7	0.0
27.5°	226.4	175.7	128.1	85.7	48.7	18.1	0.0
25°	232.7	180.9	132.0	88.2	50.0	18.3	0.0
22.5°	238.4	185.6	135.5	90.6	51.2	18.6	0.0
20°	243.5	189.7	138.8	92.7	52.3	18.8	0.0
17.5°	247.7	193.2	141.6	94.5	53.3	18.9	0.0
15°	251.1	196.0	144.1	96.2	54.1	19.0	0.0
12.5°	253.9	198.3	146.2	97.5	54.9	19.1	0.0
10°	256.1	200.0	147.9	98.7	55.5	19.2	0.0
7.5°	257.5	201.1	149.3	99.6	56.0	19.1	0.0
5°	258.4	201.7	150.2	100.2	56.3	19.1	0.0
2.5°	258.5	201.8	150.8	100.6	56.5	19.0	0.0
0°	258.0	201.3	151.0	100.7	56.6	18.9	0.0
-2.5°	258.5	201.8	150.8	100.6	56.5	19.0	0.0
-5°	258.4	201.7	150.2	100.2	56.3	19.1	0.0
-7.5°	257.5	201.1	149.3	99.6	56.0	19.1	0.0
-10°	256.1	200.0	147.9	98.7	55.5	19.2	0.0
-12.5°	253.9	198.3	146.2	97.5	54.9	19.1	0.0
-15°	251.1	196.0	144.1	96.2	54.1	19.0	0.0
-17.5°	247.7	193.2	141.6	94.5	53.3	18.9	0.0
-20°	243.5	189.7	138.8	92.7	52.3	18.8	0.0

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CATALOG NUMBER: GFLD-SA6B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	238.4	185.6	135.5	90.6	51.2	18.6	0.0
-25°	232.7	180.9	132.0	88.2	50.0	18.3	0.0
-27.5°	226.4	175.7	128.1	85.7	48.7	18.1	0.0
-30°	219.5	170.0	123.8	82.9	47.3	17.7	0.0
-32.5°	212.1	163.9	119.5	79.9	45.8	17.4	0.0
-35°	204.1	157.2	114.8	76.7	44.2	17.0	0.0
-37.5°	195.6	150.4	109.8	73.2	42.6	16.5	0.0
-40°	186.5	143.8	104.5	69.6	40.8	16.0	0.0
-42.5°	177.0	136.8	99.3	65.9	39.0	15.5	0.0
-45°	167.0	129.4	94.1	62.0	37.1	14.9	0.0
-47.5°	156.5	121.7	88.8	58.0	35.1	14.3	0.0
-50°	146.6	113.6	83.1	54.7	33.1	13.7	0.0
-52.5°	136.6	105.3	77.3	51.5	31.0	13.0	0.0
-55°	126.2	97.5	71.3	48.2	28.8	12.3	0.0
-57.5°	115.5	89.7	65.0	44.8	26.6	11.6	0.0
-60°	104.6	81.7	58.7	41.3	24.3	10.8	0.0
-62.5°	94.8	73.4	53.6	37.6	22.6	10.0	0.0
-65°	84.6	65.0	48.4	33.8	20.8	9.2	0.0
-67.5°	74.3	57.2	43.1	29.9	18.9	8.3	0.0
-70°	63.7	50.1	37.6	26.0	17.0	7.5	0.0
-72.5°	54.5	42.8	32.0	22.7	15.0	6.6	0.0
-75°	45.3	35.4	26.2	19.5	12.9	5.7	0.0
-77.5°	35.9	27.9	21.7	16.3	10.8	4.8	0.0
-80°	26.3	21.7	17.4	13.1	8.7	3.8	0.0
-82.5°	19.5	16.3	13.1	9.8	6.6	2.9	0.0
-85°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
-87.5°	6.5	5.5	4.4	3.3	2.2	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)