

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: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-730-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N91
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

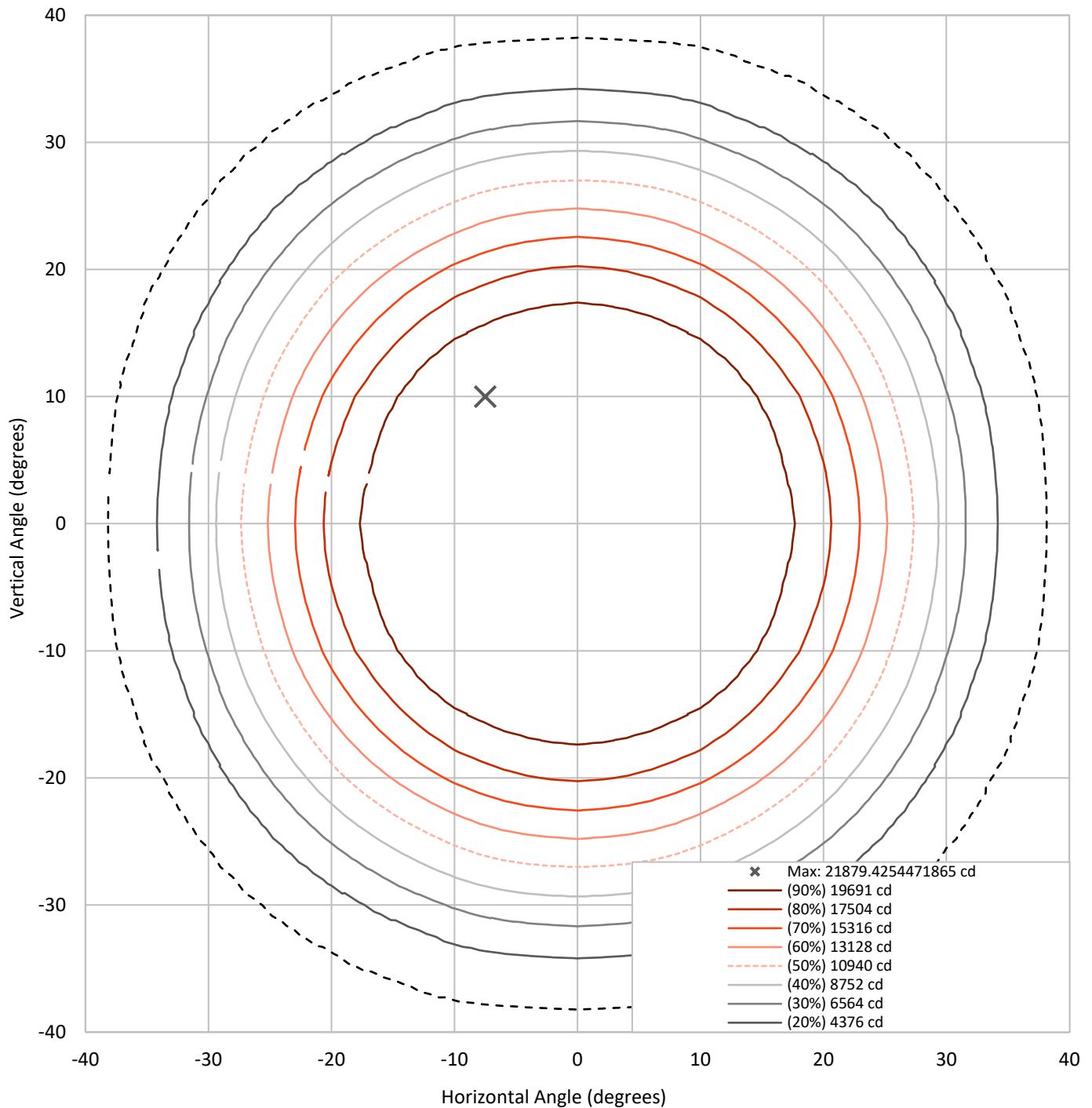
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	18621.4 lumens	Max Intensity:	21879.4 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	143.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	12359.8 lumens	Field Lumens:	16071.3 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	129.5		
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





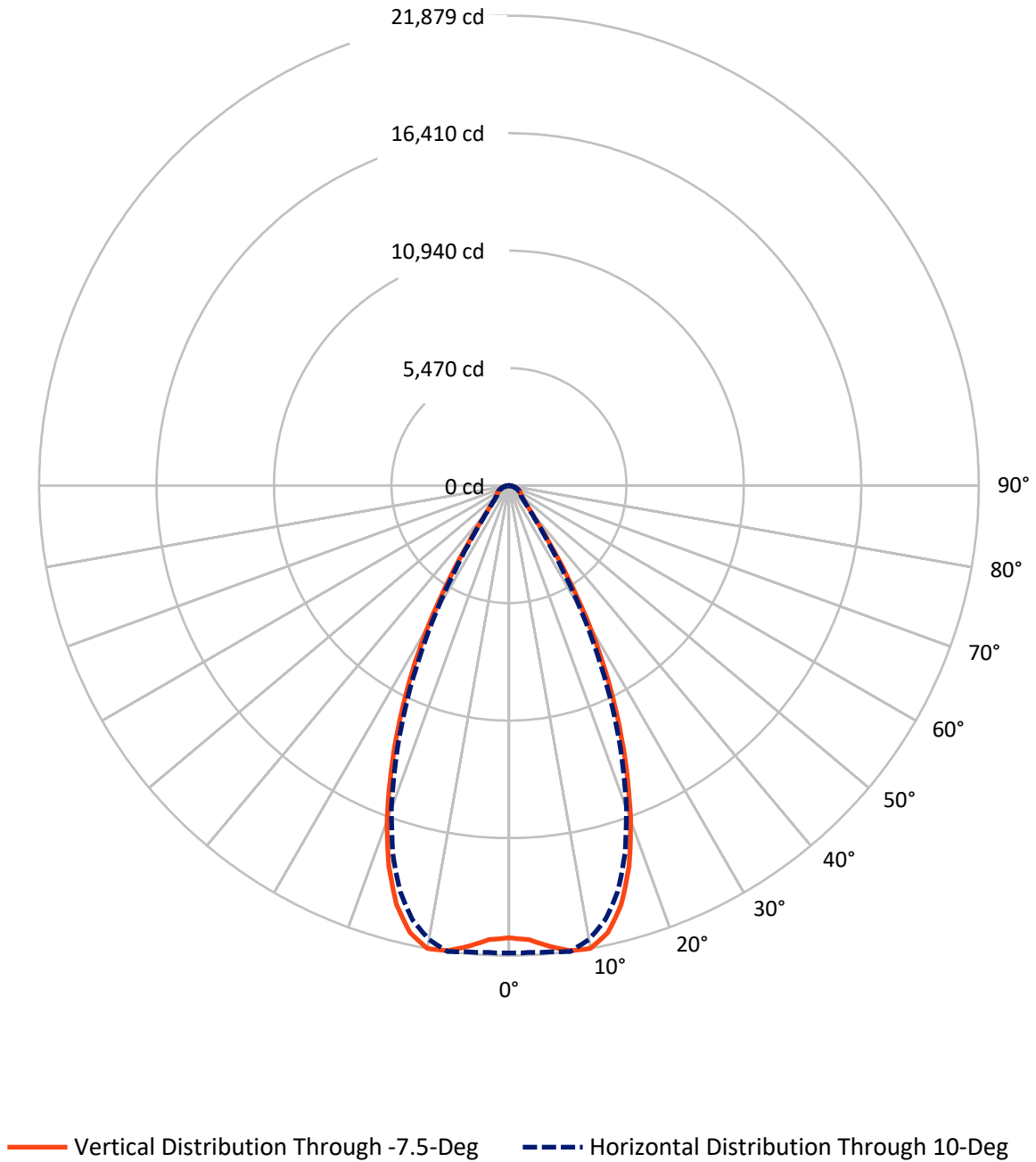
REPORT NUMBER: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.5		4.4		11.7		18.5		20.7		18.5		11.7		4.4		0.5		
80	0.5		4.4		11.7		18.5		20.7		18.5		11.7		4.4		0.5		
70	2.0	2.2	4.6	7.5	10.4	12.7	14.3	15.1	15.1	14.3	12.7	10.4	7.5	4.6	2.2	2.0			
60		3.4	6.7	10.7	14.4	17.4	19.4	20.3	20.3	19.4	17.4	14.4	10.7	6.7	3.4				
50	3.5	4.3	8.5	13.0	17.5	22.7	28.6	32.8	32.8	28.6	22.7	17.5	13.0	8.5	4.3	3.5			
40		5.1	9.9	15.0	23.2	42.3	81.0	120.1	120.1	81.0	42.3	23.2	15.0	9.9	5.1				
30	4.5	5.7	10.8	17.5	38.1	119.5	268.2	374.5	374.5	268.2	119.5	38.1	17.5	10.8	5.7	4.5			
20		6.1	11.3	20.8	68.9	254.8	486.7	609.1	609.1	486.7	254.8	68.9	20.8	11.3	6.1				
10	4.9	6.3	11.6	23.4	99.3	348.7	590.4	642.4	642.4	590.4	348.7	99.3	23.4	11.6	6.3	4.9			
0		6.3	11.6	23.4	99.3	348.7	590.4	642.4	642.4	590.4	348.7	99.3	23.4	11.6	6.3				
-10	4.5	6.1	11.3	20.8	68.9	254.8	486.7	609.1	609.1	486.7	254.8	68.9	20.8	11.3	6.1	4.5			
-20		5.7	10.8	17.5	38.1	119.5	268.2	374.5	374.5	268.2	119.5	38.1	17.5	10.8	5.7				
-30	3.5	5.1	9.9	15.0	23.2	42.3	81.0	120.1	120.1	81.0	42.3	23.2	15.0	9.9	5.1	3.5			
-40		4.3	8.5	13.0	17.5	22.7	28.6	32.8	32.8	28.6	22.7	17.5	13.0	8.5	4.3				
-50	2.0	3.4	6.7	10.7	14.4	17.4	19.4	20.3	20.3	19.4	17.4	14.4	10.7	6.7	3.4	2.0			
-60		2.2	4.6	7.5	10.4	12.7	14.3	15.1	15.1	14.3	12.7	10.4	7.5	4.6	2.2				
-70	0.5		4.4		11.7		18.5		20.7		18.5		11.7		4.4		0.5		
-80	0.5		4.4		11.7		18.5		20.7		18.5		11.7		4.4		0.5		
-90	0.5		4.4		11.7		18.5		20.7		18.5		11.7		4.4		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

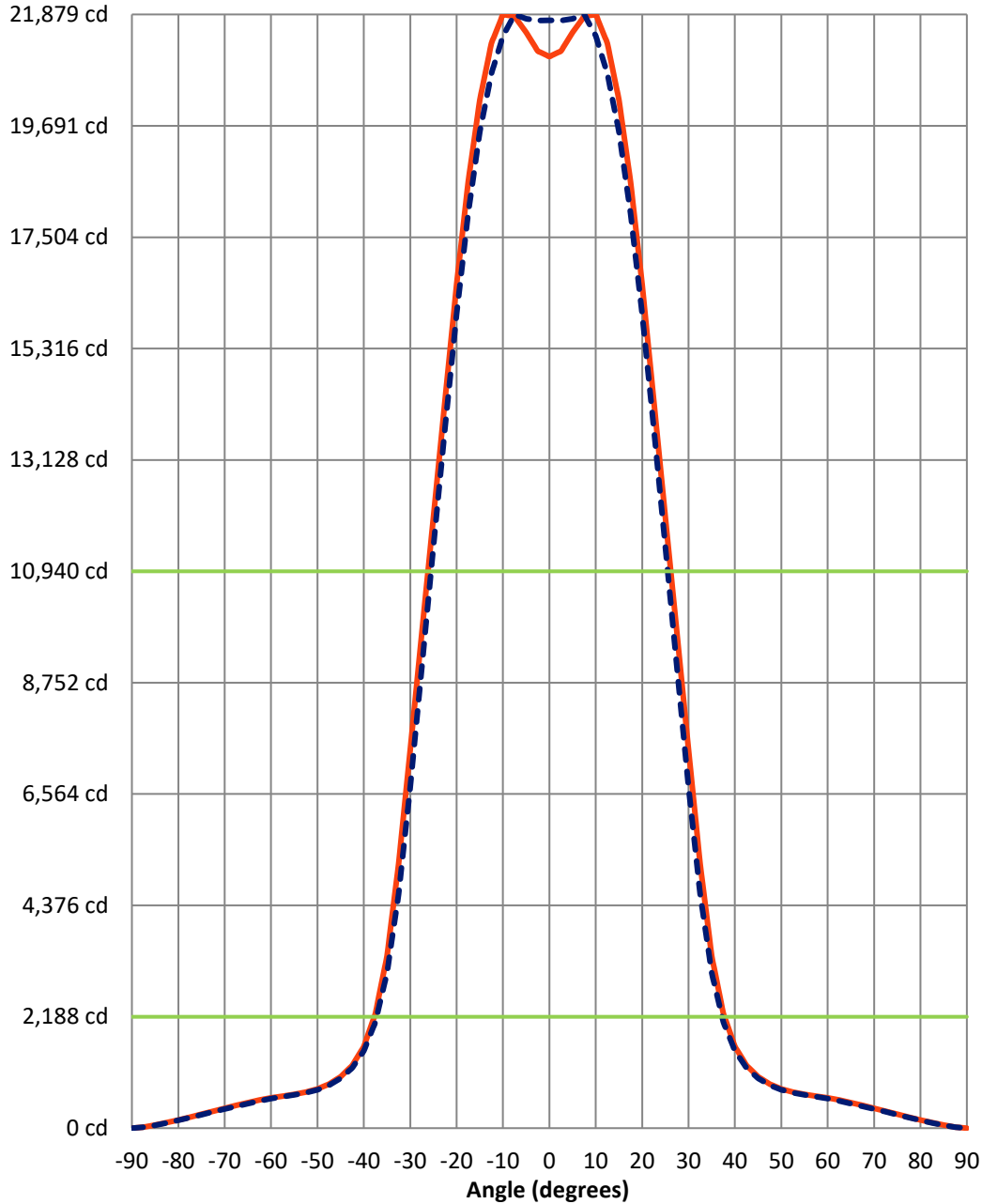
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 12359.8
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 16071.3
 Efficiency: 86.3%

Spill:
 Lumens: 2550.1
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.8	1.7	2.5	3.3	4.1	4.9	6.0	7.2	8.4	9.7
85°	0.0	1.7	3.3	5.0	6.6	8.3	9.9	12.0	14.4	16.8	19.4
82.5°	0.0	2.5	5.0	7.5	9.9	12.4	14.8	18.0	21.9	27.7	33.1
80°	0.0	3.3	6.6	9.9	13.2	16.5	20.4	28.1	35.5	42.6	49.1
77.5°	0.0	4.1	8.3	12.4	16.5	22.2	31.1	40.3	49.1	57.4	66.2
75°	0.0	4.9	9.9	14.8	20.4	31.1	41.7	52.4	62.9	74.9	86.7
72.5°	0.0	5.7	11.5	17.2	27.4	39.9	52.2	65.0	79.3	93.3	107.0
70°	0.0	6.5	13.1	20.1	34.4	48.6	62.9	79.3	95.4	111.4	128.2
67.5°	0.0	7.3	14.6	25.2	41.2	57.1	74.8	93.3	111.4	130.2	149.3
65°	0.0	8.1	16.1	30.3	47.9	66.1	86.5	107.0	127.6	148.5	170.8
62.5°	0.0	8.8	17.6	35.2	54.5	75.5	97.9	120.6	143.3	167.0	193.9
60°	0.0	9.5	19.1	40.1	61.0	84.6	109.0	133.9	158.6	187.1	216.4
57.5°	0.0	10.3	22.2	44.8	68.0	93.5	120.1	146.8	175.3	206.5	237.6
55°	0.0	11.0	25.2	49.4	74.8	102.1	131.1	159.4	191.9	225.3	257.9
52.5°	0.0	11.6	28.1	53.8	81.4	110.6	141.8	173.3	208.0	243.0	277.6
50°	0.0	12.3	30.9	58.1	87.7	119.3	152.1	186.9	223.3	260.2	296.8
47.5°	0.0	12.9	33.5	62.4	93.8	127.7	162.4	199.9	238.1	276.8	315.2
45°	0.0	13.5	36.1	66.7	99.7	135.9	173.0	212.3	252.3	292.8	333.0
42.5°	0.0	14.1	38.5	70.9	105.2	143.7	183.1	224.1	265.8	308.1	349.8
40°	0.0	14.6	40.8	74.7	110.8	151.2	192.6	235.3	278.7	322.7	366.0
37.5°	0.0	15.2	42.9	78.3	116.5	158.4	201.7	245.8	291.1	336.8	381.5
35°	0.0	15.6	44.9	81.7	121.9	165.4	210.1	255.6	303.0	350.0	396.0
32.5°	0.0	16.1	46.8	84.8	127.1	172.0	218.0	264.7	314.3	362.2	408.8
30°	0.0	16.5	48.5	87.7	131.8	178.2	225.3	273.3	324.9	373.5	420.7
27.5°	0.0	16.9	50.1	90.4	136.1	183.9	232.0	281.8	334.6	383.9	431.6
25°	0.0	17.3	51.5	92.8	140.0	189.0	238.1	289.6	343.0	393.0	441.7
22.5°	0.0	17.6	52.8	95.0	143.5	193.6	243.5	296.8	350.6	401.1	450.8
20°	0.0	17.9	53.9	97.0	146.6	197.5	248.3	303.3	357.2	408.3	458.9
17.5°	0.0	18.2	54.9	98.7	149.3	200.9	252.7	309.1	363.0	414.7	466.0
15°	0.0	18.4	55.7	100.2	151.6	203.8	256.6	314.2	368.0	420.1	472.1
12.5°	0.0	18.6	56.4	101.4	153.5	206.2	260.0	318.8	372.3	424.6	477.1
10°	0.0	18.8	56.9	102.3	155.0	208.1	262.8	322.6	376.1	428.8	481.4
7.5°	0.0	18.9	57.2	103.0	156.1	209.5	265.1	325.5	379.1	432.2	485.2
5°	0.0	19.0	57.4	103.4	156.8	210.4	266.7	327.6	381.2	434.6	487.9
2.5°	0.0	19.1	57.5	103.5	157.1	210.8	267.7	328.9	382.5	436.0	489.6
0°	0.0	19.1	57.4	103.4	157.0	210.6	268.0	329.3	382.9	436.5	490.1
-2.5°	0.0	19.1	57.5	103.5	157.1	210.8	267.7	328.9	382.5	436.0	489.6
-5°	0.0	19.0	57.4	103.4	156.8	210.4	266.7	327.6	381.2	434.6	487.9
-7.5°	0.0	18.9	57.2	103.0	156.1	209.5	265.1	325.5	379.1	432.2	485.2
-10°	0.0	18.8	56.9	102.3	155.0	208.1	262.8	322.6	376.1	428.8	481.4
-12.5°	0.0	18.6	56.4	101.4	153.5	206.2	260.0	318.8	372.3	424.6	477.1
-15°	0.0	18.4	55.7	100.2	151.6	203.8	256.6	314.2	368.0	420.1	472.1
-17.5°	0.0	18.2	54.9	98.7	149.3	200.9	252.7	309.1	363.0	414.7	466.0
-20°	0.0	17.9	53.9	97.0	146.6	197.5	248.3	303.3	357.2	408.3	458.9

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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	17.6	52.8	95.0	143.5	193.6	243.5	296.8	350.6	401.1	450.8
-25°	0.0	17.3	51.5	92.8	140.0	189.0	238.1	289.6	343.0	393.0	441.7
-27.5°	0.0	16.9	50.1	90.4	136.1	183.9	232.0	281.8	334.6	383.9	431.6
-30°	0.0	16.5	48.5	87.7	131.8	178.2	225.3	273.3	324.9	373.5	420.7
-32.5°	0.0	16.1	46.8	84.8	127.1	172.0	218.0	264.7	314.3	362.2	408.8
-35°	0.0	15.6	44.9	81.7	121.9	165.4	210.1	255.6	303.0	350.0	396.0
-37.5°	0.0	15.2	42.9	78.3	116.5	158.4	201.7	245.8	291.1	336.8	381.5
-40°	0.0	14.6	40.8	74.7	110.8	151.2	192.6	235.3	278.7	322.7	366.0
-42.5°	0.0	14.1	38.5	70.9	105.2	143.7	183.1	224.1	265.8	308.1	349.8
-45°	0.0	13.5	36.1	66.7	99.7	135.9	173.0	212.3	252.3	292.8	333.0
-47.5°	0.0	12.9	33.5	62.4	93.8	127.7	162.4	199.9	238.1	276.8	315.2
-50°	0.0	12.3	30.9	58.1	87.7	119.3	152.1	186.9	223.3	260.2	296.8
-52.5°	0.0	11.6	28.1	53.8	81.4	110.6	141.8	173.3	208.0	243.0	277.6
-55°	0.0	11.0	25.2	49.4	74.8	102.1	131.1	159.4	191.9	225.3	257.9
-57.5°	0.0	10.3	22.2	44.8	68.0	93.5	120.1	146.8	175.3	206.5	237.6
-60°	0.0	9.5	19.1	40.1	61.0	84.6	109.0	133.9	158.6	187.1	216.4
-62.5°	0.0	8.8	17.6	35.2	54.5	75.5	97.9	120.6	143.3	167.0	193.9
-65°	0.0	8.1	16.1	30.3	47.9	66.1	86.5	107.0	127.6	148.5	170.8
-67.5°	0.0	7.3	14.6	25.2	41.2	57.1	74.8	93.3	111.4	130.2	149.3
-70°	0.0	6.5	13.1	20.1	34.4	48.6	62.9	79.3	95.4	111.4	128.2
-72.5°	0.0	5.7	11.5	17.2	27.4	39.9	52.2	65.0	79.3	93.3	107.0
-75°	0.0	4.9	9.9	14.8	20.4	31.1	41.7	52.4	62.9	74.9	86.7
-77.5°	0.0	4.1	8.3	12.4	16.5	22.2	31.1	40.3	49.1	57.4	66.2
-80°	0.0	3.3	6.6	9.9	13.2	16.5	20.4	28.1	35.5	42.6	49.1
-82.5°	0.0	2.5	5.0	7.5	9.9	12.4	14.8	18.0	21.9	27.7	33.1
-85°	0.0	1.7	3.3	5.0	6.6	8.3	9.9	12.0	14.4	16.8	19.4
-87.5°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	6.0	7.2	8.4	9.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	11.5	12.4	13.2	14.0	14.8	15.5	16.3	17.0	17.6	18.2
85°	21.2	23.0	26.0	29.1	32.1	35.0	37.7	40.4	42.9	45.4	47.7
82.5°	38.0	42.9	48.0	53.1	57.6	61.9	66.2	70.5	74.9	79.2	83.5
80°	55.8	62.8	70.6	78.1	84.7	91.0	97.0	102.8	109.1	115.9	122.7
77.5°	76.4	86.3	95.5	104.2	112.5	121.7	130.5	138.9	147.8	156.5	164.9
75°	98.5	109.8	121.6	133.2	144.6	155.5	166.2	177.1	188.2	199.2	209.6
72.5°	121.3	135.6	149.5	163.1	177.2	190.9	204.2	217.0	230.1	243.5	256.4
70°	145.0	161.3	178.5	195.1	211.0	227.0	243.1	258.7	273.9	289.5	304.9
67.5°	168.9	189.4	208.8	227.2	245.9	264.7	282.9	301.5	319.5	337.7	355.0
65°	195.3	217.6	238.8	259.9	281.1	303.2	324.7	345.5	366.4	386.7	404.8
62.5°	221.1	244.9	268.3	292.3	317.5	342.3	365.9	389.7	414.0	435.2	453.6
60°	244.8	271.2	297.4	324.8	352.7	379.4	405.8	431.7	457.8	482.2	497.2
57.5°	267.7	296.9	326.0	355.4	384.8	414.6	442.3	470.8	495.1	515.7	533.1
55°	290.1	321.8	352.7	383.6	415.4	446.5	476.6	503.7	527.4	544.6	561.4
52.5°	311.8	345.2	377.2	410.6	444.3	477.4	508.9	534.0	553.4	570.9	586.7
50°	332.9	366.9	400.6	436.8	472.5	507.4	537.1	559.0	578.8	595.9	612.4
47.5°	352.7	388.1	424.1	462.2	499.7	533.5	560.7	583.7	603.9	622.3	641.8
45°	371.7	409.2	447.3	486.7	525.0	557.6	583.8	608.6	627.5	648.3	670.6
42.5°	390.1	429.5	469.5	510.2	548.8	579.3	605.5	628.3	650.5	675.1	702.1
40°	407.6	448.7	490.5	532.7	571.3	598.3	624.0	648.1	675.1	704.3	735.6
37.5°	424.1	466.8	510.1	554.0	587.8	615.7	642.0	668.8	700.2	734.1	776.5
35°	439.5	483.6	528.3	570.5	602.7	632.2	659.4	689.3	726.0	770.3	824.6
32.5°	453.7	499.1	545.2	583.8	616.3	647.0	674.9	712.3	756.4	809.0	866.0
30°	466.8	513.3	559.5	596.9	628.6	659.4	693.4	735.5	787.1	864.0	962.4
27.5°	479.0	526.2	570.8	607.8	639.6	671.4	711.2	762.2	830.0	921.8	1044.2
25°	490.2	538.5	581.6	617.0	649.9	685.0	728.3	785.6	874.8	993.4	1158.8
22.5°	500.3	549.7	591.9	624.9	659.4	697.6	748.0	819.8	922.6	1061.0	1274.3
20°	509.4	558.1	599.7	632.4	668.2	707.9	765.6	852.1	976.1	1155.4	1427.6
17.5°	517.3	565.5	605.5	639.6	676.8	719.6	782.7	880.1	1023.7	1237.7	1582.6
15°	524.1	571.8	610.4	645.7	684.3	733.0	806.4	916.7	1078.9	1323.3	1717.7
12.5°	529.7	576.9	614.4	650.7	690.5	744.2	826.8	951.2	1136.3	1428.5	1916.8
10°	534.1	581.0	617.5	654.6	695.3	753.2	843.3	979.5	1183.8	1519.6	2086.6
7.5°	538.2	584.0	619.6	657.3	698.7	759.9	855.9	1001.2	1220.2	1591.1	2221.0
5°	541.3	585.8	620.8	658.9	701.6	764.3	864.4	1016.3	1245.3	1642.3	2315.6
2.5°	543.1	586.4	621.0	659.3	703.8	766.2	868.9	1024.7	1265.1	1666.5	2366.4
0°	543.7	585.8	620.3	658.6	704.5	765.8	869.2	1026.2	1275.1	1665.6	2374.0
-2.5°	543.1	586.4	621.0	659.3	703.8	766.2	868.9	1024.7	1265.1	1666.5	2366.4
-5°	541.3	585.8	620.8	658.9	701.6	764.3	864.4	1016.3	1245.3	1642.3	2315.6
-7.5°	538.2	584.0	619.6	657.3	698.7	759.9	855.9	1001.2	1220.2	1591.1	2221.0
-10°	534.1	581.0	617.5	654.6	695.3	753.2	843.3	979.5	1183.8	1519.6	2086.6
-12.5°	529.7	576.9	614.4	650.7	690.5	744.2	826.8	951.2	1136.3	1428.5	1916.8
-15°	524.1	571.8	610.4	645.7	684.3	733.0	806.4	916.7	1078.9	1323.3	1717.7
-17.5°	517.3	565.5	605.5	639.6	676.8	719.6	782.7	880.1	1023.7	1237.7	1582.6
-20°	509.4	558.1	599.7	632.4	668.2	707.9	765.6	852.1	976.1	1155.4	1427.6



REPORT NUMBER: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	500.3	549.7	591.9	624.9	659.4	697.6	748.0	819.8	922.6	1061.0	1274.3
-25°	490.2	538.5	581.6	617.0	649.9	685.0	728.3	785.6	874.8	993.4	1158.8
-27.5°	479.0	526.2	570.8	607.8	639.6	671.4	711.2	762.2	830.0	921.8	1044.2
-30°	466.8	513.3	559.5	596.9	628.6	659.4	693.4	735.5	787.1	864.0	962.4
-32.5°	453.7	499.1	545.2	583.8	616.3	647.0	674.9	712.3	756.4	809.0	886.0
-35°	439.5	483.6	528.3	570.5	602.7	632.2	659.4	689.3	726.0	770.3	824.6
-37.5°	424.1	466.8	510.1	554.0	587.8	615.7	642.0	668.8	700.2	734.1	776.5
-40°	407.6	448.7	490.5	532.7	571.3	598.3	624.0	648.1	675.1	704.3	735.6
-42.5°	390.1	429.5	469.5	510.2	548.8	579.3	605.5	628.3	650.5	675.1	702.1
-45°	371.7	409.2	447.3	486.7	525.0	557.6	583.8	608.6	627.5	648.3	670.6
-47.5°	352.7	388.1	424.1	462.2	499.7	533.5	560.7	583.7	603.9	622.3	641.8
-50°	332.9	366.9	400.6	436.8	472.5	507.4	537.1	559.0	578.8	595.9	612.4
-52.5°	311.8	345.2	377.2	410.6	444.3	477.4	508.9	534.0	553.4	570.9	586.7
-55°	290.1	321.8	352.7	383.6	415.4	446.5	476.6	503.7	527.4	544.6	561.4
-57.5°	267.7	296.9	326.0	355.4	384.8	414.6	442.3	470.8	495.1	515.7	533.1
-60°	244.8	271.2	297.4	324.8	352.7	379.4	405.8	431.7	457.8	482.2	497.2
-62.5°	221.1	244.9	268.3	292.3	317.5	342.3	365.9	389.7	414.0	435.2	453.6
-65°	195.3	217.6	238.8	259.9	281.1	303.2	324.7	345.5	366.4	386.7	404.8
-67.5°	168.9	189.4	208.8	227.2	245.9	264.7	282.9	301.5	319.5	337.7	355.0
-70°	145.0	161.3	178.5	195.1	211.0	227.0	243.1	258.7	273.9	289.5	304.9
-72.5°	121.3	135.6	149.5	163.1	177.2	190.9	204.2	217.0	230.1	243.5	256.4
-75°	98.5	109.8	121.6	133.2	144.6	155.5	166.2	177.1	188.2	199.2	209.6
-77.5°	76.4	86.3	95.5	104.2	112.5	121.7	130.5	138.9	147.8	156.5	164.9
-80°	55.8	62.8	70.6	78.1	84.7	91.0	97.0	102.8	109.1	115.9	122.7
-82.5°	38.0	42.9	48.0	53.1	57.6	61.9	66.2	70.5	74.9	79.2	83.5
-85°	21.2	23.0	26.0	29.1	32.1	35.0	37.7	40.4	42.9	45.4	47.7
-87.5°	10.6	11.5	12.4	13.2	14.0	14.8	15.5	16.3	17.0	17.6	18.2
-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: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MWR-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°	18.8	18.6	18.2	17.8	17.3	18.5	19.8	21.0	22.2	21.5	20.7
85°	49.8	51.0	51.9	52.7	53.4	55.8	58.1	60.2	62.2	62.2	61.9
82.5°	87.7	90.5	92.9	95.1	97.0	99.8	102.3	104.5	106.3	107.7	108.8
80°	129.3	133.8	137.7	141.3	144.5	148.1	151.5	154.6	157.2	158.7	159.6
77.5°	173.1	179.8	185.8	191.5	196.9	202.2	207.1	211.5	215.3	216.2	216.0
75°	219.6	228.6	237.0	244.8	252.0	258.2	263.5	267.9	271.5	273.3	274.2
72.5°	268.6	279.6	289.6	298.5	306.2	312.6	318.1	322.9	326.9	329.5	331.0
70°	319.6	332.7	342.9	351.3	357.9	364.2	371.4	378.2	384.6	388.1	389.5
67.5°	370.8	384.4	393.7	401.4	407.4	413.6	422.6	430.7	438.0	442.8	445.9
65°	420.9	435.2	444.6	451.9	457.4	463.7	473.8	481.8	487.9	492.7	497.1
62.5°	470.4	484.8	495.3	504.0	512.0	518.9	527.2	533.9	539.1	543.9	549.3
60°	513.3	530.4	541.3	550.2	560.2	570.9	577.0	582.0	586.4	590.3	593.6
57.5°	548.4	563.6	577.7	588.3	598.7	608.6	615.8	620.6	624.4	627.3	628.5
55°	577.7	593.4	609.1	620.6	630.8	640.2	648.1	654.3	659.4	663.4	664.3
52.5°	604.0	621.6	637.1	650.4	663.8	674.9	683.5	691.9	699.2	705.1	707.7
50°	632.6	651.1	670.3	688.2	702.5	715.0	725.5	737.4	749.9	760.2	766.8
47.5°	662.7	684.0	707.2	729.1	746.1	764.7	782.1	799.7	823.0	842.5	857.0
45°	694.1	721.5	747.9	775.8	799.3	834.5	867.1	895.2	932.5	966.3	993.2
42.5°	731.2	765.3	797.8	842.5	889.2	937.2	989.2	1033.5	1091.7	1151.1	1198.9
40°	775.2	818.8	876.1	936.0	1009.8	1075.9	1165.5	1245.3	1334.7	1447.8	1541.2
37.5°	828.2	895.3	975.0	1058.6	1173.6	1283.5	1431.6	1587.8	1729.4	1946.9	2129.8
35°	897.0	990.8	1095.8	1243.6	1406.5	1612.5	1843.6	2145.1	2403.6	2770.4	3120.9
32.5°	985.7	1106.3	1277.6	1505.9	1746.6	2120.6	2487.3	3010.8	3495.6	4076.9	4704.3
30°	1084.3	1267.8	1529.7	1842.8	2291.8	2842.0	3488.4	4292.5	5172.4	5989.5	6794.6
27.5°	1227.2	1490.2	1834.3	2339.5	3039.2	3809.0	4941.5	6033.0	7171.8	8184.1	9028.4
25°	1394.1	1741.7	2273.6	3017.6	3963.9	5282.1	6637.8	7984.9	9209.6	10269.4	11202.2
22.5°	1609.7	2109.6	2818.7	3782.3	5256.0	6835.8	8425.5	9911.5	11217.9	12398.0	13407.8
20°	1844.1	2469.6	3482.2	4919.2	6604.5	8404.4	10199.4	11782.2	13220.6	14558.7	15696.8
17.5°	2141.3	3017.2	4299.6	6023.4	7971.9	9943.8	11829.6	13547.3	15179.2	16595.1	17784.3
15°	2394.5	3499.5	5173.2	7194.9	9302.4	11382.5	13373.4	15239.2	16935.9	18388.7	19506.5
12.5°	2732.3	4040.0	5948.8	8202.0	10485.7	12674.5	14771.6	16699.9	18426.6	19863.5	20733.7
10°	3051.6	4599.6	6698.4	9048.1	11420.8	13753.0	15992.0	17969.7	19572.8	20715.8	21457.4
7.5°	3323.0	5080.6	7308.2	9732.1	12163.8	14602.0	16868.5	18792.7	20270.9	21225.4	21741.7
5°	3525.7	5440.1	7760.8	10287.9	12783.2	15264.2	17513.0	19319.4	20597.0	21306.1	21565.3
2.5°	3654.9	5651.2	8023.5	10652.5	13197.7	15683.1	17955.1	19733.1	20817.1	21287.1	21331.8
0°	3706.5	5678.5	8064.0	10843.9	13302.1	15802.5	18080.8	19903.4	20899.0	21285.7	21278.0
-2.5°	3654.9	5651.2	8023.5	10652.5	13197.7	15683.1	17955.1	19733.1	20817.1	21287.1	21331.8
-5°	3525.7	5440.1	7760.8	10287.9	12783.2	15264.2	17513.0	19319.4	20597.0	21306.1	21565.3
-7.5°	3323.0	5080.6	7308.2	9732.1	12163.8	14602.0	16868.5	18792.7	20270.9	21225.4	21741.7
-10°	3051.6	4599.6	6698.4	9048.1	11420.8	13753.0	15992.0	17969.7	19572.8	20715.8	21457.4
-12.5°	2732.3	4040.0	5948.8	8202.0	10485.7	12674.5	14771.6	16699.9	18426.6	19863.5	20733.7
-15°	2394.5	3499.5	5173.2	7194.9	9302.4	11382.5	13373.4	15239.2	16935.9	18388.7	19506.5
-17.5°	2141.3	3017.2	4299.6	6023.4	7971.9	9943.8	11829.6	13547.3	15179.2	16595.1	17784.3
-20°	1844.1	2469.6	3482.2	4919.2	6604.5	8404.4	10199.4	11782.2	13220.6	14558.7	15696.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1609.7	2109.6	2818.7	3782.3	5256.0	6835.8	8425.5	9911.5	11217.9	12398.0	13407.8
-25°	1394.1	1741.7	2273.6	3017.6	3963.9	5282.1	6637.8	7984.9	9209.6	10269.4	11202.2
-27.5°	1227.2	1490.2	1834.3	2339.5	3039.2	3809.0	4941.5	6033.0	7171.8	8184.1	9028.4
-30°	1084.3	1267.8	1529.7	1842.8	2291.8	2842.0	3488.4	4292.5	5172.4	5989.5	6794.6
-32.5°	985.7	1106.3	1277.6	1505.9	1746.6	2120.6	2487.3	3010.8	3495.6	4076.9	4704.3
-35°	897.0	990.8	1095.8	1243.6	1406.5	1612.5	1843.6	2145.1	2403.6	2770.4	3120.9
-37.5°	828.2	895.3	975.0	1058.6	1173.6	1283.5	1431.6	1587.8	1729.4	1946.9	2129.8
-40°	775.2	818.8	876.1	936.0	1009.8	1075.9	1165.5	1245.3	1334.7	1447.8	1541.2
-42.5°	731.2	765.3	797.8	842.5	889.2	937.2	989.2	1033.5	1091.7	1151.1	1198.9
-45°	694.1	721.5	747.9	775.8	799.3	834.5	867.1	895.2	932.5	966.3	993.2
-47.5°	662.7	684.0	707.2	729.1	746.1	764.7	782.1	799.7	823.0	842.5	857.0
-50°	632.6	651.1	670.3	688.2	702.5	715.0	725.5	737.4	749.9	760.2	766.8
-52.5°	604.0	621.6	637.1	650.4	663.8	674.9	683.5	691.9	699.2	705.1	707.7
-55°	577.7	593.4	609.1	620.6	630.8	640.2	648.1	654.3	659.4	663.4	664.3
-57.5°	548.4	563.6	577.7	588.3	598.7	608.6	615.8	620.6	624.4	627.3	628.5
-60°	513.3	530.4	541.3	550.2	560.2	570.9	577.0	582.0	586.4	590.3	593.6
-62.5°	470.4	484.8	495.3	504.0	512.0	518.9	527.2	533.9	539.1	543.9	549.3
-65°	420.9	435.2	444.6	451.9	457.4	463.7	473.8	481.8	487.9	492.7	497.1
-67.5°	370.8	384.4	393.7	401.4	407.4	413.6	422.6	430.7	438.0	442.8	445.9
-70°	319.6	332.7	342.9	351.3	357.9	364.2	371.4	378.2	384.6	388.1	389.5
-72.5°	268.6	279.6	289.6	298.5	306.2	312.6	318.1	322.9	326.9	329.5	331.0
-75°	219.6	228.6	237.0	244.8	252.0	258.2	263.5	267.9	271.5	273.3	274.2
-77.5°	173.1	179.8	185.8	191.5	196.9	202.2	207.1	211.5	215.3	216.2	216.0
-80°	129.3	133.8	137.7	141.3	144.5	148.1	151.5	154.6	157.2	158.7	159.6
-82.5°	87.7	90.5	92.9	95.1	97.0	99.8	102.3	104.5	106.3	107.7	108.8
-85°	49.8	51.0	51.9	52.7	53.4	55.8	58.1	60.2	62.2	62.2	61.9
-87.5°	18.8	18.6	18.2	17.8	17.3	18.5	19.8	21.0	22.2	21.5	20.7
-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: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MWR-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°	19.9	19.0	19.1	19.1	19.1	19.0	19.9	20.7	21.5	22.2	21.0
85°	61.5	61.0	59.3	57.4	59.3	61.0	61.5	61.9	62.2	62.2	60.2
82.5°	109.7	110.4	109.0	107.2	109.0	110.4	109.7	108.8	107.7	106.3	104.5
80°	160.0	160.1	158.7	157.0	158.7	160.1	160.0	159.6	158.7	157.2	154.6
77.5°	215.1	213.5	214.1	214.4	214.1	213.5	215.1	216.0	216.2	215.3	211.5
75°	274.6	274.4	273.5	271.9	273.5	274.4	274.6	274.2	273.3	271.5	267.9
72.5°	331.8	331.7	330.9	329.3	330.9	331.7	331.8	331.0	329.5	326.9	322.9
70°	389.8	389.1	390.1	390.6	390.1	389.1	389.8	389.5	388.1	384.6	378.2
67.5°	448.2	449.8	449.5	448.0	449.5	449.8	448.2	445.9	442.8	438.0	430.7
65°	500.6	503.2	504.8	505.4	504.8	503.2	500.6	497.1	492.7	487.9	481.8
62.5°	553.5	556.6	556.8	555.2	556.8	556.6	553.5	549.3	543.9	539.1	533.9
60°	595.5	595.9	595.2	593.5	595.2	595.9	595.5	593.6	590.3	586.4	582.0
57.5°	628.4	627.3	626.0	624.1	626.0	627.3	628.4	628.5	627.3	624.4	620.6
55°	663.8	662.0	660.4	658.6	660.4	662.0	663.8	664.3	663.4	659.4	654.3
52.5°	708.3	707.3	706.2	704.5	706.2	707.3	708.3	707.7	705.1	699.2	691.9
50°	770.1	771.1	771.0	769.6	771.0	771.1	770.1	766.8	760.2	749.9	737.4
47.5°	866.2	871.4	874.8	876.9	874.8	871.4	866.2	857.0	842.5	823.0	799.7
45°	1010.3	1020.5	1027.8	1033.8	1027.8	1020.5	1010.3	993.2	966.3	932.5	895.2
42.5°	1232.6	1255.6	1266.4	1263.6	1266.4	1255.6	1232.6	1198.9	1151.1	1091.7	1033.5
40°	1603.4	1640.4	1660.8	1677.1	1660.8	1640.4	1603.4	1541.2	1447.8	1334.7	1245.3
37.5°	2254.7	2326.4	2364.2	2397.0	2364.2	2326.4	2254.7	2129.8	1946.9	1729.4	1587.8
35°	3382.8	3544.1	3630.6	3660.6	3630.6	3544.1	3382.8	3120.9	2770.4	2403.6	2145.1
32.5°	5192.5	5490.1	5654.7	5781.9	5654.7	5490.1	5192.5	4704.3	4076.9	3495.6	3010.8
30°	7432.2	7824.2	8041.9	8148.2	8041.9	7824.2	7432.2	6794.6	5989.5	5172.4	4292.5
27.5°	9728.2	10173.9	10408.6	10395.9	10408.6	10173.9	9728.2	9028.4	8184.1	7171.8	6033.0
25°	12001.9	12518.1	12752.0	12961.3	12752.0	12518.1	12001.9	11202.2	10269.4	9209.6	7984.9
22.5°	14301.6	14905.1	15234.5	15389.0	15234.5	14905.1	14301.6	13407.8	12398.0	11217.9	9911.5
20°	16573.9	17245.8	17595.4	17747.7	17595.4	17245.8	16573.9	15696.8	14558.7	13220.6	11782.2
17.5°	18589.2	19245.1	19578.4	19719.6	19578.4	19245.1	18589.2	17784.3	16595.1	15179.2	13547.3
15°	20198.3	20682.2	20965.6	21040.6	20965.6	20682.2	20198.3	19506.5	18388.7	16935.9	15239.2
12.5°	21310.7	21498.1	21634.4	21676.3	21634.4	21498.1	21310.7	20733.7	19863.5	18426.6	16699.9
10°	21879.4	21794.8	21759.9	21764.3	21759.9	21794.8	21879.4	21457.4	20715.8	19572.8	17969.7
7.5°	21840.3	21715.1	21463.6	21423.5	21463.6	21715.1	21840.3	21741.7	21225.4	20270.9	18792.7
5°	21526.5	21298.5	20881.1	20761.1	20881.1	21298.5	21526.5	21565.3	21306.1	20597.0	19319.4
2.5°	21160.8	20749.8	20365.3	20117.8	20365.3	20749.8	21160.8	21331.8	21287.1	20817.1	19733.1
0°	21052.1	20577.3	20079.5	19918.7	20079.5	20577.3	21052.1	21278.0	21285.7	20899.0	19903.4
-2.5°	21160.8	20749.8	20365.3	20117.8	20365.3	20749.8	21160.8	21331.8	21287.1	20817.1	19733.1
-5°	21526.5	21298.5	20881.1	20761.1	20881.1	21298.5	21526.5	21565.3	21306.1	20597.0	19319.4
-7.5°	21840.3	21715.1	21463.6	21423.5	21463.6	21715.1	21840.3	21741.7	21225.4	20270.9	18792.7
-10°	21879.4	21794.8	21759.9	21764.3	21759.9	21794.8	21879.4	21457.4	20715.8	19572.8	17969.7
-12.5°	21310.7	21498.1	21634.4	21676.3	21634.4	21498.1	21310.7	20733.7	19863.5	18426.6	16699.9
-15°	20198.3	20682.2	20965.6	21040.6	20965.6	20682.2	20198.3	19506.5	18388.7	16935.9	15239.2
-17.5°	18589.2	19245.1	19578.4	19719.6	19578.4	19245.1	18589.2	17784.3	16595.1	15179.2	13547.3
-20°	16573.9	17245.8	17595.4	17747.7	17595.4	17245.8	16573.9	15696.8	14558.7	13220.6	11782.2



REPORT NUMBER: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14301.6	14905.1	15234.5	15389.0	15234.5	14905.1	14301.6	13407.8	12398.0	11217.9	9911.5
-25°	12001.9	12518.1	12752.0	12961.3	12752.0	12518.1	12001.9	11202.2	10269.4	9209.6	7984.9
-27.5°	9728.2	10173.9	10408.6	10395.9	10408.6	10173.9	9728.2	9028.4	8184.1	7171.8	6033.0
-30°	7432.2	7824.2	8041.9	8148.2	8041.9	7824.2	7432.2	6794.6	5989.5	5172.4	4292.5
-32.5°	5192.5	5490.1	5654.7	5781.9	5654.7	5490.1	5192.5	4704.3	4076.9	3495.6	3010.8
-35°	3382.8	3544.1	3630.6	3660.6	3630.6	3544.1	3382.8	3120.9	2770.4	2403.6	2145.1
-37.5°	2254.7	2326.4	2364.2	2397.0	2364.2	2326.4	2254.7	2129.8	1946.9	1729.4	1587.8
-40°	1603.4	1640.4	1660.8	1677.1	1660.8	1640.4	1603.4	1541.2	1447.8	1334.7	1245.3
-42.5°	1232.6	1255.6	1266.4	1263.6	1266.4	1255.6	1232.6	1198.9	1151.1	1091.7	1033.5
-45°	1010.3	1020.5	1027.8	1033.8	1027.8	1020.5	1010.3	993.2	966.3	932.5	895.2
-47.5°	866.2	871.4	874.8	876.9	874.8	871.4	866.2	857.0	842.5	823.0	799.7
-50°	770.1	771.1	771.0	769.6	771.0	771.1	770.1	766.8	760.2	749.9	737.4
-52.5°	708.3	707.3	706.2	704.5	706.2	707.3	708.3	707.7	705.1	699.2	691.9
-55°	663.8	662.0	660.4	658.6	660.4	662.0	663.8	664.3	663.4	659.4	654.3
-57.5°	628.4	627.3	626.0	624.1	626.0	627.3	628.4	628.5	627.3	624.4	620.6
-60°	595.5	595.9	595.2	593.5	595.2	595.9	595.5	593.6	590.3	586.4	582.0
-62.5°	553.5	556.6	556.8	555.2	556.8	556.6	553.5	549.3	543.9	539.1	533.9
-65°	500.6	503.2	504.8	505.4	504.8	503.2	500.6	497.1	492.7	487.9	481.8
-67.5°	448.2	449.8	449.5	448.0	449.5	449.8	448.2	445.9	442.8	438.0	430.7
-70°	389.8	389.1	390.1	390.6	390.1	389.1	389.8	389.5	388.1	384.6	378.2
-72.5°	331.8	331.7	330.9	329.3	330.9	331.7	331.8	331.0	329.5	326.9	322.9
-75°	274.6	274.4	273.5	271.9	273.5	274.4	274.6	274.2	273.3	271.5	267.9
-77.5°	215.1	213.5	214.1	214.4	214.1	213.5	215.1	216.0	216.2	215.3	211.5
-80°	160.0	160.1	158.7	157.0	158.7	160.1	160.0	159.6	158.7	157.2	154.6
-82.5°	109.7	110.4	109.0	107.2	109.0	110.4	109.7	108.8	107.7	106.3	104.5
-85°	61.5	61.0	59.3	57.4	59.3	61.0	61.5	61.9	62.2	62.2	60.2
-87.5°	19.9	19.0	19.1	19.1	19.1	19.0	19.9	20.7	21.5	22.2	21.0
-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: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-MWR-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°	19.8	18.5	17.3	17.8	18.2	18.6	18.8	18.2	17.6	17.0	16.3
85°	58.1	55.8	53.4	52.7	51.9	51.0	49.8	47.7	45.4	42.9	40.4
82.5°	102.3	99.8	97.0	95.1	92.9	90.5	87.7	83.5	79.2	74.9	70.5
80°	151.5	148.1	144.5	141.3	137.7	133.8	129.3	122.7	115.9	109.1	102.8
77.5°	207.1	202.2	196.9	191.5	185.8	179.8	173.1	164.9	156.5	147.8	138.9
75°	263.5	258.2	252.0	244.8	237.0	228.6	219.6	209.6	199.2	188.2	177.1
72.5°	318.1	312.6	306.2	298.5	289.6	279.6	268.6	256.4	243.5	230.1	217.0
70°	371.4	364.2	357.9	351.3	342.9	332.7	319.6	304.9	289.5	273.9	258.7
67.5°	422.6	413.6	407.4	401.4	393.7	384.4	370.8	355.0	337.7	319.5	301.5
65°	473.8	463.7	457.4	451.9	444.6	435.2	420.9	404.8	386.7	366.4	345.5
62.5°	527.2	518.9	512.0	504.0	495.3	484.8	470.4	453.6	435.2	414.0	389.7
60°	577.0	570.9	560.2	550.2	541.3	530.4	513.3	497.2	482.2	457.8	431.7
57.5°	615.8	608.6	598.7	588.3	577.7	563.6	548.4	533.1	515.7	495.1	470.8
55°	648.1	640.2	630.8	620.6	609.1	593.4	577.7	561.4	544.6	527.4	503.7
52.5°	683.5	674.9	663.8	650.4	637.1	621.6	604.0	586.7	570.9	553.4	534.0
50°	725.5	715.0	702.5	688.2	670.3	651.1	632.6	612.4	595.9	578.8	559.0
47.5°	782.1	764.7	746.1	729.1	707.2	684.0	662.7	641.8	622.3	603.9	583.7
45°	867.1	834.5	799.3	775.8	747.9	721.5	694.1	670.6	648.3	627.5	608.6
42.5°	989.2	937.2	889.2	842.5	797.8	765.3	731.2	702.1	675.1	650.5	628.3
40°	1165.5	1075.9	1009.8	936.0	876.1	818.8	775.2	735.6	704.3	675.1	648.1
37.5°	1431.6	1283.5	1173.6	1058.6	975.0	895.3	828.2	776.5	734.1	700.2	668.8
35°	1843.6	1612.5	1406.5	1243.6	1095.8	990.8	897.0	824.6	770.3	726.0	689.3
32.5°	2487.3	2120.6	1746.6	1505.9	1277.6	1106.3	985.7	886.0	809.0	756.4	712.3
30°	3488.4	2842.0	2291.8	1842.8	1529.7	1267.8	1084.3	962.4	864.0	787.1	735.5
27.5°	4941.5	3809.0	3039.2	2339.5	1834.3	1490.2	1227.2	1044.2	921.8	830.0	762.2
25°	6637.8	5282.1	3963.9	3017.6	2273.6	1741.7	1394.1	1158.8	993.4	874.8	785.6
22.5°	8425.5	6835.8	5256.0	3782.3	2818.7	2109.6	1609.7	1274.3	1061.0	922.6	819.8
20°	10199.4	8404.4	6604.5	4919.2	3482.2	2469.6	1844.1	1427.6	1155.4	976.1	852.1
17.5°	11829.6	9943.8	7971.9	6023.4	4299.6	3017.2	2141.3	1582.6	1237.7	1023.7	880.1
15°	13373.4	11382.5	9302.4	7194.9	5173.2	3499.5	2394.5	1717.7	1323.3	1078.9	916.7
12.5°	14771.6	12674.5	10485.7	8202.0	5948.8	4040.0	2732.3	1916.8	1428.5	1136.3	951.2
10°	15992.0	13753.0	11420.8	9048.1	6698.4	4599.6	3051.6	2086.6	1519.6	1183.8	979.5
7.5°	16868.5	14602.0	12163.8	9732.1	7308.2	5080.6	3323.0	2221.0	1591.1	1220.2	1001.2
5°	17513.0	15264.2	12783.2	10287.9	7760.8	5440.1	3525.7	2315.6	1642.3	1245.3	1016.3
2.5°	17955.1	15683.1	13197.7	10652.5	8023.5	5651.2	3654.9	2366.4	1666.5	1265.1	1024.7
0°	18080.8	15802.5	13302.1	10843.9	8064.0	5678.5	3706.5	2374.0	1665.6	1275.1	1026.2
-2.5°	17955.1	15683.1	13197.7	10652.5	8023.5	5651.2	3654.9	2366.4	1666.5	1265.1	1024.7
-5°	17513.0	15264.2	12783.2	10287.9	7760.8	5440.1	3525.7	2315.6	1642.3	1245.3	1016.3
-7.5°	16868.5	14602.0	12163.8	9732.1	7308.2	5080.6	3323.0	2221.0	1591.1	1220.2	1001.2
-10°	15992.0	13753.0	11420.8	9048.1	6698.4	4599.6	3051.6	2086.6	1519.6	1183.8	979.5
-12.5°	14771.6	12674.5	10485.7	8202.0	5948.8	4040.0	2732.3	1916.8	1428.5	1136.3	951.2
-15°	13373.4	11382.5	9302.4	7194.9	5173.2	3499.5	2394.5	1717.7	1323.3	1078.9	916.7
-17.5°	11829.6	9943.8	7971.9	6023.4	4299.6	3017.2	2141.3	1582.6	1237.7	1023.7	880.1
-20°	10199.4	8404.4	6604.5	4919.2	3482.2	2469.6	1844.1	1427.6	1155.4	976.1	852.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8425.5	6835.8	5256.0	3782.3	2818.7	2109.6	1609.7	1274.3	1061.0	922.6	819.8
-25°	6637.8	5282.1	3963.9	3017.6	2273.6	1741.7	1394.1	1158.8	993.4	874.8	785.6
-27.5°	4941.5	3809.0	3039.2	2339.5	1834.3	1490.2	1227.2	1044.2	921.8	830.0	762.2
-30°	3488.4	2842.0	2291.8	1842.8	1529.7	1267.8	1084.3	962.4	864.0	787.1	735.5
-32.5°	2487.3	2120.6	1746.6	1505.9	1277.6	1106.3	985.7	886.0	809.0	756.4	712.3
-35°	1843.6	1612.5	1406.5	1243.6	1095.8	990.8	897.0	824.6	770.3	726.0	689.3
-37.5°	1431.6	1283.5	1173.6	1058.6	975.0	895.3	828.2	776.5	734.1	700.2	668.8
-40°	1165.5	1075.9	1009.8	936.0	876.1	818.8	775.2	735.6	704.3	675.1	648.1
-42.5°	989.2	937.2	889.2	842.5	797.8	765.3	731.2	702.1	675.1	650.5	628.3
-45°	867.1	834.5	799.3	775.8	747.9	721.5	694.1	670.6	648.3	627.5	608.6
-47.5°	782.1	764.7	746.1	729.1	707.2	684.0	662.7	641.8	622.3	603.9	583.7
-50°	725.5	715.0	702.5	688.2	670.3	651.1	632.6	612.4	595.9	578.8	559.0
-52.5°	683.5	674.9	663.8	650.4	637.1	621.6	604.0	586.7	570.9	553.4	534.0
-55°	648.1	640.2	630.8	620.6	609.1	593.4	577.7	561.4	544.6	527.4	503.7
-57.5°	615.8	608.6	598.7	588.3	577.7	563.6	548.4	533.1	515.7	495.1	470.8
-60°	577.0	570.9	560.2	550.2	541.3	530.4	513.3	497.2	482.2	457.8	431.7
-62.5°	527.2	518.9	512.0	504.0	495.3	484.8	470.4	453.6	435.2	414.0	389.7
-65°	473.8	463.7	457.4	451.9	444.6	435.2	420.9	404.8	386.7	366.4	345.5
-67.5°	422.6	413.6	407.4	401.4	393.7	384.4	370.8	355.0	337.7	319.5	301.5
-70°	371.4	364.2	357.9	351.3	342.9	332.7	319.6	304.9	289.5	273.9	258.7
-72.5°	318.1	312.6	306.2	298.5	289.6	279.6	268.6	256.4	243.5	230.1	217.0
-75°	263.5	258.2	252.0	244.8	237.0	228.6	219.6	209.6	199.2	188.2	177.1
-77.5°	207.1	202.2	196.9	191.5	185.8	179.8	173.1	164.9	156.5	147.8	138.9
-80°	151.5	148.1	144.5	141.3	137.7	133.8	129.3	122.7	115.9	109.1	102.8
-82.5°	102.3	99.8	97.0	95.1	92.9	90.5	87.7	83.5	79.2	74.9	70.5
-85°	58.1	55.8	53.4	52.7	51.9	51.0	49.8	47.7	45.4	42.9	40.4
-87.5°	19.8	18.5	17.3	17.8	18.2	18.6	18.8	18.2	17.6	17.0	16.3
-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: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-MWR-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°	15.5	14.8	14.0	13.2	12.4	11.5	10.6	9.7	8.4	7.2	6.0
85°	37.7	35.0	32.1	29.1	26.0	23.0	21.2	19.4	16.8	14.4	12.0
82.5°	66.2	61.9	57.6	53.1	48.0	42.9	38.0	33.1	27.7	21.9	18.0
80°	97.0	91.0	84.7	78.1	70.6	62.8	55.8	49.1	42.6	35.5	28.1
77.5°	130.5	121.7	112.5	104.2	95.5	86.3	76.4	66.2	57.4	49.1	40.3
75°	166.2	155.5	144.6	133.2	121.6	109.8	98.5	86.7	74.9	62.9	52.4
72.5°	204.2	190.9	177.2	163.1	149.5	135.6	121.3	107.0	93.3	79.3	65.0
70°	243.1	227.0	211.0	195.1	178.5	161.3	145.0	128.2	111.4	95.4	79.3
67.5°	282.9	264.7	245.9	227.2	208.8	189.4	168.9	149.3	130.2	111.4	93.3
65°	324.7	303.2	281.1	259.9	238.8	217.6	195.3	170.8	148.5	127.6	107.0
62.5°	365.9	342.3	317.5	292.3	268.3	244.9	221.1	193.9	167.0	143.3	120.6
60°	405.8	379.4	352.7	324.8	297.4	271.2	244.8	216.4	187.1	158.6	133.9
57.5°	442.3	414.6	384.8	355.4	326.0	296.9	267.7	237.6	206.5	175.3	146.8
55°	476.6	446.5	415.4	383.6	352.7	321.8	290.1	257.9	225.3	191.9	159.4
52.5°	508.9	477.4	444.3	410.6	377.2	345.2	311.8	277.6	243.0	208.0	173.3
50°	537.1	507.4	472.5	436.8	400.6	366.9	332.9	296.8	260.2	223.3	186.9
47.5°	560.7	533.5	499.7	462.2	424.1	388.1	352.7	315.2	276.8	238.1	199.9
45°	583.8	557.6	525.0	486.7	447.3	409.2	371.7	333.0	292.8	252.3	212.3
42.5°	605.5	579.3	548.8	510.2	469.5	429.5	390.1	349.8	308.1	265.8	224.1
40°	624.0	598.3	571.3	532.7	490.5	448.7	407.6	366.0	322.7	278.7	235.3
37.5°	642.0	615.7	587.8	554.0	510.1	466.8	424.1	381.5	336.8	291.1	245.8
35°	659.4	632.2	602.7	570.5	528.3	483.6	439.5	396.0	350.0	303.0	255.6
32.5°	674.9	647.0	616.3	583.8	545.2	499.1	453.7	408.8	362.2	314.3	264.7
30°	693.4	659.4	628.6	596.9	559.5	513.3	466.8	420.7	373.5	324.9	273.3
27.5°	711.2	671.4	639.6	607.8	570.8	526.2	479.0	431.6	383.9	334.6	281.8
25°	728.3	685.0	649.9	617.0	581.6	538.5	490.2	441.7	393.0	343.0	289.6
22.5°	748.0	697.6	659.4	624.9	591.9	549.7	500.3	450.8	401.1	350.6	296.8
20°	765.6	707.9	668.2	632.4	599.7	558.1	509.4	458.9	408.3	357.2	303.3
17.5°	782.7	719.6	676.8	639.6	605.5	565.5	517.3	466.0	414.7	363.0	309.1
15°	806.4	733.0	684.3	645.7	610.4	571.8	524.1	472.1	420.1	368.0	314.2
12.5°	826.8	744.2	690.5	650.7	614.4	576.9	529.7	477.1	424.6	372.3	318.8
10°	843.3	753.2	695.3	654.6	617.5	581.0	534.1	481.4	428.8	376.1	322.6
7.5°	855.9	759.9	698.7	657.3	619.6	584.0	538.2	485.2	432.2	379.1	325.5
5°	864.4	764.3	701.6	658.9	620.8	585.8	541.3	487.9	434.6	381.2	327.6
2.5°	868.9	766.2	703.8	659.3	621.0	586.4	543.1	489.6	436.0	382.5	328.9
0°	869.2	765.8	704.5	658.6	620.3	585.8	543.7	490.1	436.5	382.9	329.3
-2.5°	868.9	766.2	703.8	659.3	621.0	586.4	543.1	489.6	436.0	382.5	328.9
-5°	864.4	764.3	701.6	658.9	620.8	585.8	541.3	487.9	434.6	381.2	327.6
-7.5°	855.9	759.9	698.7	657.3	619.6	584.0	538.2	485.2	432.2	379.1	325.5
-10°	843.3	753.2	695.3	654.6	617.5	581.0	534.1	481.4	428.8	376.1	322.6
-12.5°	826.8	744.2	690.5	650.7	614.4	576.9	529.7	477.1	424.6	372.3	318.8
-15°	806.4	733.0	684.3	645.7	610.4	571.8	524.1	472.1	420.1	368.0	314.2
-17.5°	782.7	719.6	676.8	639.6	605.5	565.5	517.3	466.0	414.7	363.0	309.1
-20°	765.6	707.9	668.2	632.4	599.7	558.1	509.4	458.9	408.3	357.2	303.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	748.0	697.6	659.4	624.9	591.9	549.7	500.3	450.8	401.1	350.6	296.8
-25°	728.3	685.0	649.9	617.0	581.6	538.5	490.2	441.7	393.0	343.0	289.6
-27.5°	711.2	671.4	639.6	607.8	570.8	526.2	479.0	431.6	383.9	334.6	281.8
-30°	693.4	659.4	628.6	596.9	559.5	513.3	466.8	420.7	373.5	324.9	273.3
-32.5°	674.9	647.0	616.3	583.8	545.2	499.1	453.7	408.8	362.2	314.3	264.7
-35°	659.4	632.2	602.7	570.5	528.3	483.6	439.5	396.0	350.0	303.0	255.6
-37.5°	642.0	615.7	587.8	554.0	510.1	466.8	424.1	381.5	336.8	291.1	245.8
-40°	624.0	598.3	571.3	532.7	490.5	448.7	407.6	366.0	322.7	278.7	235.3
-42.5°	605.5	579.3	548.8	510.2	469.5	429.5	390.1	349.8	308.1	265.8	224.1
-45°	583.8	557.6	525.0	486.7	447.3	409.2	371.7	333.0	292.8	252.3	212.3
-47.5°	560.7	533.5	499.7	462.2	424.1	388.1	352.7	315.2	276.8	238.1	199.9
-50°	537.1	507.4	472.5	436.8	400.6	366.9	332.9	296.8	260.2	223.3	186.9
-52.5°	508.9	477.4	444.3	410.6	377.2	345.2	311.8	277.6	243.0	208.0	173.3
-55°	476.6	446.5	415.4	383.6	352.7	321.8	290.1	257.9	225.3	191.9	159.4
-57.5°	442.3	414.6	384.8	355.4	326.0	296.9	267.7	237.6	206.5	175.3	146.8
-60°	405.8	379.4	352.7	324.8	297.4	271.2	244.8	216.4	187.1	158.6	133.9
-62.5°	365.9	342.3	317.5	292.3	268.3	244.9	221.1	193.9	167.0	143.3	120.6
-65°	324.7	303.2	281.1	259.9	238.8	217.6	195.3	170.8	148.5	127.6	107.0
-67.5°	282.9	264.7	245.9	227.2	208.8	189.4	168.9	149.3	130.2	111.4	93.3
-70°	243.1	227.0	211.0	195.1	178.5	161.3	145.0	128.2	111.4	95.4	79.3
-72.5°	204.2	190.9	177.2	163.1	149.5	135.6	121.3	107.0	93.3	79.3	65.0
-75°	166.2	155.5	144.6	133.2	121.6	109.8	98.5	86.7	74.9	62.9	52.4
-77.5°	130.5	121.7	112.5	104.2	95.5	86.3	76.4	66.2	57.4	49.1	40.3
-80°	97.0	91.0	84.7	78.1	70.6	62.8	55.8	49.1	42.6	35.5	28.1
-82.5°	66.2	61.9	57.6	53.1	48.0	42.9	38.0	33.1	27.7	21.9	18.0
-85°	37.7	35.0	32.1	29.1	26.0	23.0	21.2	19.4	16.8	14.4	12.0
-87.5°	15.5	14.8	14.0	13.2	12.4	11.5	10.6	9.7	8.4	7.2	6.0
-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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REPORT NUMBER: P627327 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MWR-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°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
85°	9.9	8.3	6.6	5.0	3.3	1.7	0.0
82.5°	14.8	12.4	9.9	7.5	5.0	2.5	0.0
80°	20.4	16.5	13.2	9.9	6.6	3.3	0.0
77.5°	31.1	22.2	16.5	12.4	8.3	4.1	0.0
75°	41.7	31.1	20.4	14.8	9.9	4.9	0.0
72.5°	52.2	39.9	27.4	17.2	11.5	5.7	0.0
70°	62.9	48.6	34.4	20.1	13.1	6.5	0.0
67.5°	74.8	57.1	41.2	25.2	14.6	7.3	0.0
65°	86.5	66.1	47.9	30.3	16.1	8.1	0.0
62.5°	97.9	75.5	54.5	35.2	17.6	8.8	0.0
60°	109.0	84.6	61.0	40.1	19.1	9.5	0.0
57.5°	120.1	93.5	68.0	44.8	22.2	10.3	0.0
55°	131.1	102.1	74.8	49.4	25.2	11.0	0.0
52.5°	141.8	110.6	81.4	53.8	28.1	11.6	0.0
50°	152.1	119.3	87.7	58.1	30.9	12.3	0.0
47.5°	162.4	127.7	93.8	62.4	33.5	12.9	0.0
45°	173.0	135.9	99.7	66.7	36.1	13.5	0.0
42.5°	183.1	143.7	105.2	70.9	38.5	14.1	0.0
40°	192.6	151.2	110.8	74.7	40.8	14.6	0.0
37.5°	201.7	158.4	116.5	78.3	42.9	15.2	0.0
35°	210.1	165.4	121.9	81.7	44.9	15.6	0.0
32.5°	218.0	172.0	127.1	84.8	46.8	16.1	0.0
30°	225.3	178.2	131.8	87.7	48.5	16.5	0.0
27.5°	232.0	183.9	136.1	90.4	50.1	16.9	0.0
25°	238.1	189.0	140.0	92.8	51.5	17.3	0.0
22.5°	243.5	193.6	143.5	95.0	52.8	17.6	0.0
20°	248.3	197.5	146.6	97.0	53.9	17.9	0.0
17.5°	252.7	200.9	149.3	98.7	54.9	18.2	0.0
15°	256.6	203.8	151.6	100.2	55.7	18.4	0.0
12.5°	260.0	206.2	153.5	101.4	56.4	18.6	0.0
10°	262.8	208.1	155.0	102.3	56.9	18.8	0.0
7.5°	265.1	209.5	156.1	103.0	57.2	18.9	0.0
5°	266.7	210.4	156.8	103.4	57.4	19.0	0.0
2.5°	267.7	210.8	157.1	103.5	57.5	19.1	0.0
0°	268.0	210.6	157.0	103.4	57.4	19.1	0.0
-2.5°	267.7	210.8	157.1	103.5	57.5	19.1	0.0
-5°	266.7	210.4	156.8	103.4	57.4	19.0	0.0
-7.5°	265.1	209.5	156.1	103.0	57.2	18.9	0.0
-10°	262.8	208.1	155.0	102.3	56.9	18.8	0.0
-12.5°	260.0	206.2	153.5	101.4	56.4	18.6	0.0
-15°	256.6	203.8	151.6	100.2	55.7	18.4	0.0
-17.5°	252.7	200.9	149.3	98.7	54.9	18.2	0.0
-20°	248.3	197.5	146.6	97.0	53.9	17.9	0.0

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CATALOG NUMBER: GFLD-SA4B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	243.5	193.6	143.5	95.0	52.8	17.6	0.0
-25°	238.1	189.0	140.0	92.8	51.5	17.3	0.0
-27.5°	232.0	183.9	136.1	90.4	50.1	16.9	0.0
-30°	225.3	178.2	131.8	87.7	48.5	16.5	0.0
-32.5°	218.0	172.0	127.1	84.8	46.8	16.1	0.0
-35°	210.1	165.4	121.9	81.7	44.9	15.6	0.0
-37.5°	201.7	158.4	116.5	78.3	42.9	15.2	0.0
-40°	192.6	151.2	110.8	74.7	40.8	14.6	0.0
-42.5°	183.1	143.7	105.2	70.9	38.5	14.1	0.0
-45°	173.0	135.9	99.7	66.7	36.1	13.5	0.0
-47.5°	162.4	127.7	93.8	62.4	33.5	12.9	0.0
-50°	152.1	119.3	87.7	58.1	30.9	12.3	0.0
-52.5°	141.8	110.6	81.4	53.8	28.1	11.6	0.0
-55°	131.1	102.1	74.8	49.4	25.2	11.0	0.0
-57.5°	120.1	93.5	68.0	44.8	22.2	10.3	0.0
-60°	109.0	84.6	61.0	40.1	19.1	9.5	0.0
-62.5°	97.9	75.5	54.5	35.2	17.6	8.8	0.0
-65°	86.5	66.1	47.9	30.3	16.1	8.1	0.0
-67.5°	74.8	57.1	41.2	25.2	14.6	7.3	0.0
-70°	62.9	48.6	34.4	20.1	13.1	6.5	0.0
-72.5°	52.2	39.9	27.4	17.2	11.5	5.7	0.0
-75°	41.7	31.1	20.4	14.8	9.9	4.9	0.0
-77.5°	31.1	22.2	16.5	12.4	8.3	4.1	0.0
-80°	20.4	16.5	13.2	9.9	6.6	3.3	0.0
-82.5°	14.8	12.4	9.9	7.5	5.0	2.5	0.0
-85°	9.9	8.3	6.6	5.0	3.3	1.7	0.0
-87.5°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)