

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: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627207 (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-SA3D-730-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N69
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

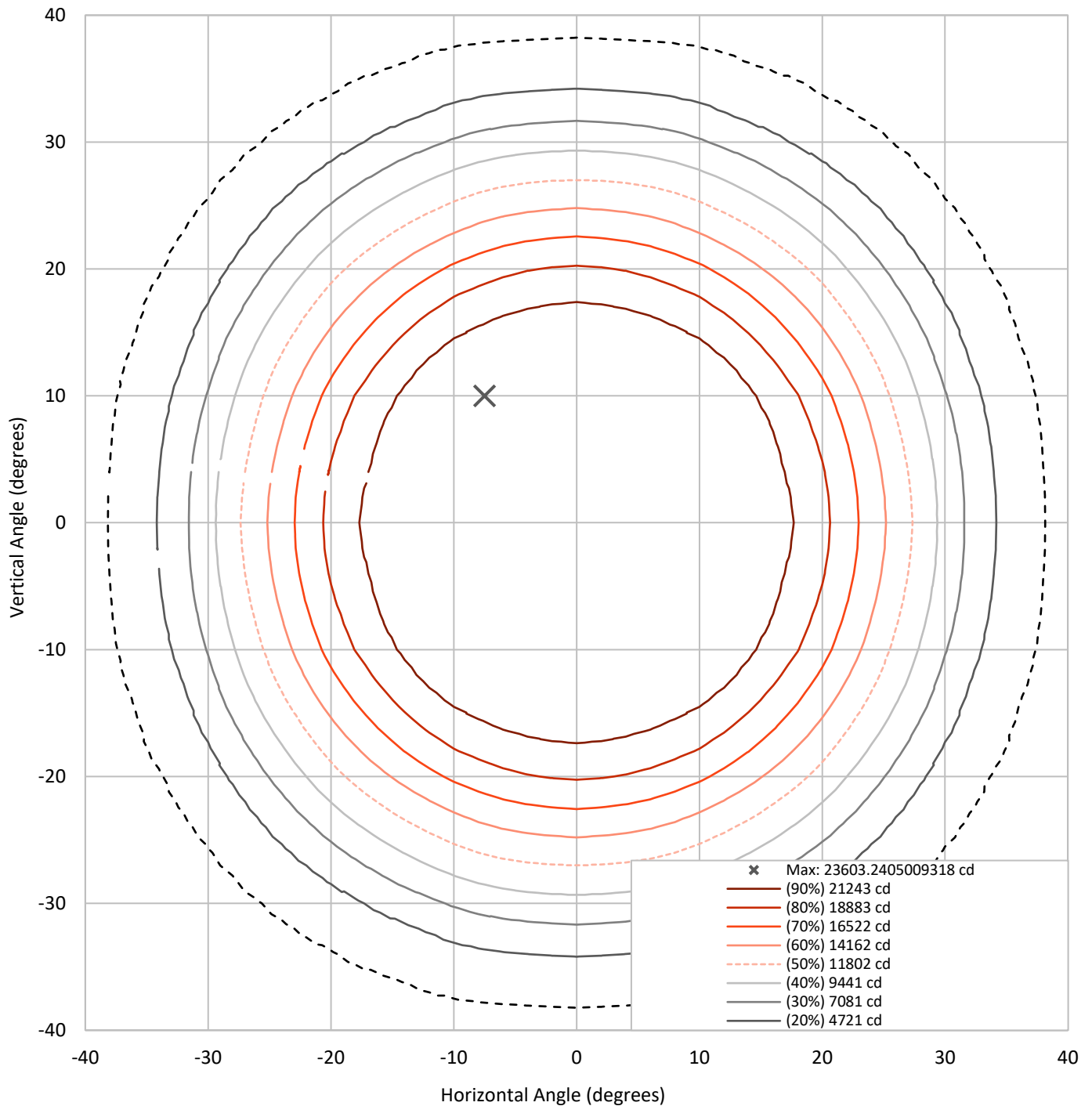
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	20088.6 lumens	Max Intensity:	23603.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	125.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	13333.6 lumens	Field Lumens:	17337.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	160.2		
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





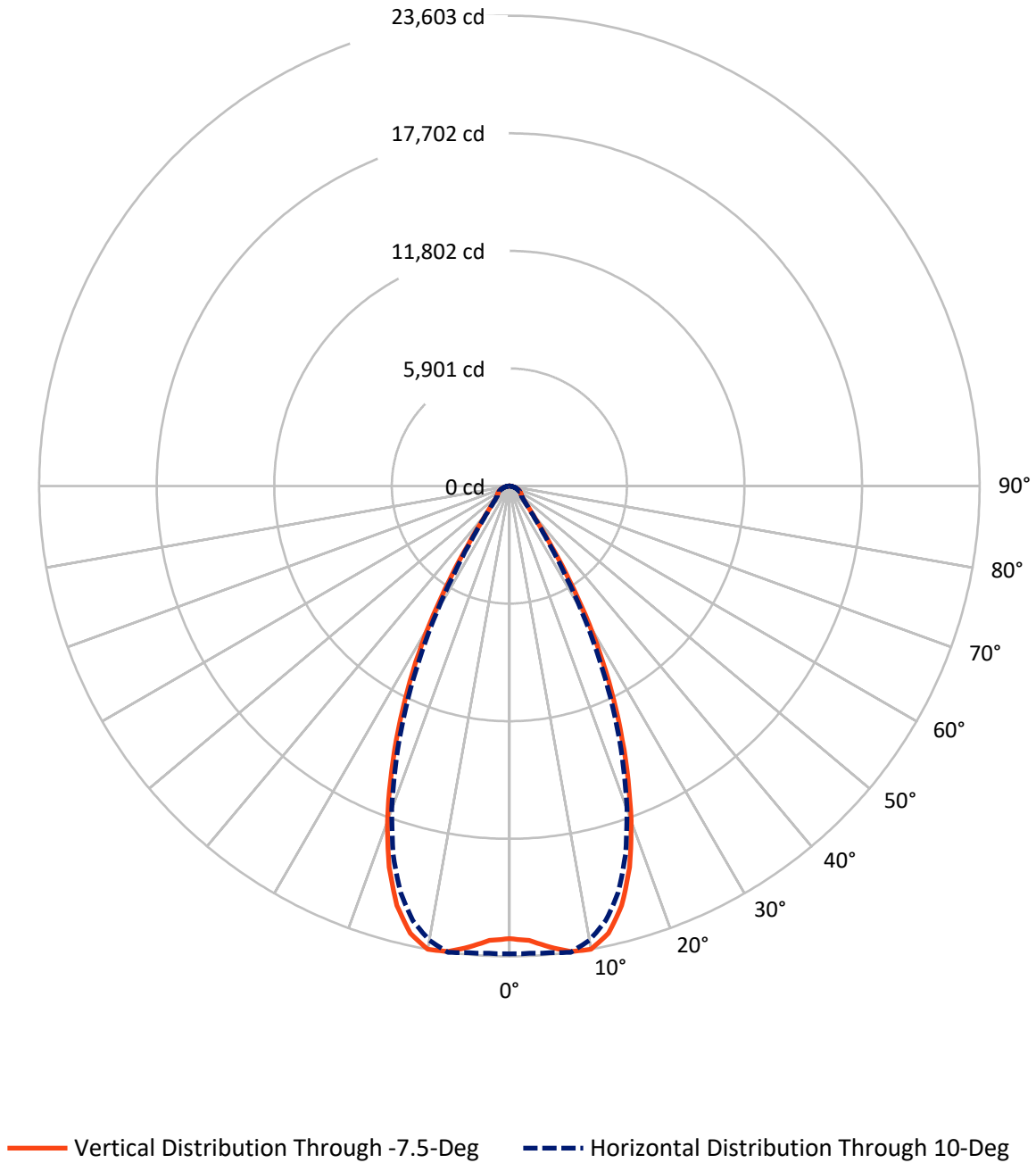
REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.5		4.7		12.6		19.9		22.3		19.9		12.6		4.7		0.5		
80	0.5		4.7		12.6		19.9		22.3		19.9		12.6		4.7		0.5		
70	2.1	2.4	4.9	8.0	11.3	13.7	15.4	16.3	16.3	15.4	13.7	11.3	8.0	4.9	2.4	2.1			
60		3.6	7.3	11.6	15.5	18.8	21.0	21.9	21.9	21.0	18.8	15.5	11.6	7.3	3.6				
50	3.8	4.7	9.2	14.1	18.8	24.5	30.9	35.4	35.4	30.9	24.5	18.8	14.1	9.2	4.7	3.8			
40		5.5	10.7	16.2	25.0	45.7	87.4	129.5	129.5	87.4	45.7	25.0	16.2	10.7	5.5				
30	4.9	6.2	11.6	18.9	41.1	129.0	289.3	404.0	404.0	289.3	129.0	41.1	18.9	11.6	6.2	4.9			
20		6.6	12.2	22.4	74.4	274.9	525.0	657.1	657.1	525.0	274.9	74.4	22.4	12.2	6.6				
10	5.3	6.8	12.5	25.2	107.1	376.2	636.9	693.0	693.0	636.9	376.2	107.1	25.2	12.5	6.8	5.3			
0		6.8	12.5	25.2	107.1	376.2	636.9	693.0	693.0	636.9	376.2	107.1	25.2	12.5	6.8				
-10	4.9	6.6	12.2	22.4	74.4	274.9	525.0	657.1	657.1	525.0	274.9	74.4	22.4	12.2	6.6	4.9			
-20		6.2	11.6	18.9	41.1	129.0	289.3	404.0	404.0	289.3	129.0	41.1	18.9	11.6	6.2				
-30	3.8	5.5	10.7	16.2	25.0	45.7	87.4	129.5	129.5	87.4	45.7	25.0	16.2	10.7	5.5	3.8			
-40		4.7	9.2	14.1	18.8	24.5	30.9	35.4	35.4	30.9	24.5	18.8	14.1	9.2	4.7				
-50	2.1	3.6	7.3	11.6	15.5	18.8	21.0	21.9	21.9	21.0	18.8	15.5	11.6	7.3	3.6	2.1			
-60		2.4	4.9	8.0	11.3	13.7	15.4	16.3	16.3	15.4	13.7	11.3	8.0	4.9	2.4				
-70	0.5	4.7		12.6		19.9		22.3		19.9		12.6		4.7		0.5			
-80		4.7		12.6		19.9		22.3		19.9		12.6		4.7					
-90	0.5		4.7		12.6		19.9		22.3		19.9		12.6		4.7		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

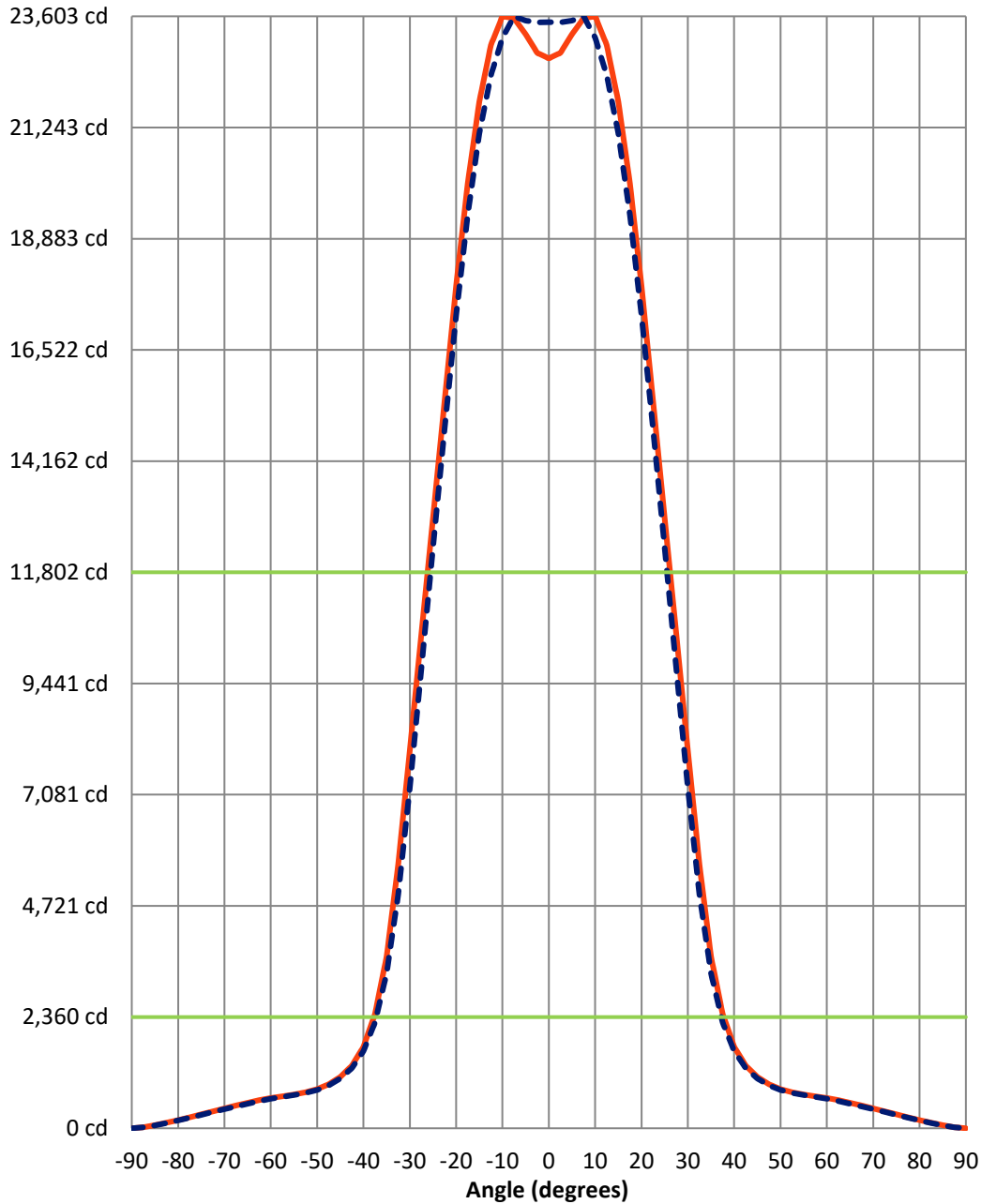
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 13333.6
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 17337.5
 Efficiency: 86.3%

Spill:
 Lumens: 2751.1
 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	0.9	1.8	2.7	3.6	4.5	5.4	6.5	7.8	9.1	10.5
85°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	13.0	15.5	18.2	20.9
82.5°	0.0	2.7	5.4	8.1	10.8	13.4	16.0	19.5	23.7	29.9	35.7
80°	0.0	3.6	7.2	10.8	14.3	17.8	22.1	30.4	38.4	45.9	53.0
77.5°	0.0	4.5	8.9	13.4	17.8	24.1	33.6	43.5	53.0	61.9	71.4
75°	0.0	5.4	10.7	16.0	22.1	33.6	45.1	56.5	67.8	80.8	93.6
72.5°	0.0	6.2	12.4	18.6	29.7	43.1	56.4	70.1	85.5	100.6	115.5
70°	0.0	7.1	14.1	21.8	37.1	52.4	67.8	85.5	103.0	120.3	138.4
67.5°	0.0	7.9	15.8	27.3	44.5	61.6	80.7	100.6	120.3	140.5	161.1
65°	0.0	8.7	17.5	32.7	51.7	71.3	93.3	115.5	137.7	160.3	184.3
62.5°	0.0	9.6	19.1	38.0	58.8	81.4	105.6	130.2	154.6	180.2	209.2
60°	0.0	10.3	20.7	43.3	65.8	91.3	117.6	144.5	171.2	201.8	233.4
57.5°	0.0	11.1	24.0	48.3	73.3	100.9	129.7	158.4	189.2	222.8	256.3
55°	0.0	11.9	27.2	53.3	80.7	110.2	141.5	172.0	207.1	243.0	278.2
52.5°	0.0	12.6	30.3	58.1	87.8	119.3	153.0	187.0	224.4	262.2	299.5
50°	0.0	13.3	33.3	62.7	94.7	128.7	164.2	201.6	240.9	280.7	320.2
47.5°	0.0	14.0	36.2	67.3	101.3	137.8	175.2	215.6	256.8	298.6	340.1
45°	0.0	14.6	39.0	72.0	107.5	146.6	186.6	229.0	272.2	315.9	359.3
42.5°	0.0	15.3	41.6	76.5	113.5	155.1	197.5	241.8	286.7	332.3	377.4
40°	0.0	15.9	44.0	80.6	119.6	163.2	207.8	253.8	300.6	348.1	394.8
37.5°	0.0	16.4	46.4	84.5	125.8	170.9	217.6	265.1	314.1	363.3	411.6
35°	0.0	17.0	48.5	88.1	131.6	178.5	226.7	275.7	326.9	377.5	427.2
32.5°	0.0	17.5	50.6	91.5	137.1	185.6	235.2	285.6	339.1	390.8	440.9
30°	0.0	17.9	52.4	94.6	142.3	192.3	243.1	294.9	350.5	403.0	453.8
27.5°	0.0	18.4	54.1	97.5	146.9	198.4	250.3	304.0	360.9	414.1	465.6
25°	0.0	18.8	55.7	100.2	151.0	203.9	256.9	312.5	370.0	423.9	476.5
22.5°	0.0	19.1	57.0	102.5	154.8	208.9	262.7	320.2	378.2	432.7	486.3
20°	0.0	19.5	58.2	104.7	158.1	213.1	268.0	327.2	385.4	440.5	495.1
17.5°	0.0	19.7	59.3	106.5	161.1	216.8	272.7	333.4	391.6	447.3	502.7
15°	0.0	20.0	60.2	108.0	163.6	219.9	276.9	339.0	396.9	453.2	509.3
12.5°	0.0	20.2	60.9	109.3	165.7	222.5	280.6	343.9	401.7	458.0	514.7
10°	0.0	20.4	61.4	110.3	167.3	224.5	283.6	348.0	405.8	462.6	519.3
7.5°	0.0	20.5	61.8	111.0	168.5	226.0	286.0	351.1	409.0	466.2	523.4
5°	0.0	20.6	62.0	111.5	169.2	227.0	287.8	353.4	411.3	468.8	526.4
2.5°	0.0	20.7	62.1	111.6	169.5	227.4	288.8	354.7	412.6	470.4	528.1
0°	0.0	20.7	62.0	111.5	169.4	227.2	289.2	355.2	413.1	470.9	528.7
-2.5°	0.0	20.7	62.1	111.6	169.5	227.4	288.8	354.7	412.6	470.4	528.1
-5°	0.0	20.6	62.0	111.5	169.2	227.0	287.8	353.4	411.3	468.8	526.4
-7.5°	0.0	20.5	61.8	111.0	168.5	226.0	286.0	351.1	409.0	466.2	523.4
-10°	0.0	20.4	61.4	110.3	167.3	224.5	283.6	348.0	405.8	462.6	519.3
-12.5°	0.0	20.2	60.9	109.3	165.7	222.5	280.6	343.9	401.7	458.0	514.7
-15°	0.0	20.0	60.2	108.0	163.6	219.9	276.9	339.0	396.9	453.2	509.3
-17.5°	0.0	19.7	59.3	106.5	161.1	216.8	272.7	333.4	391.6	447.3	502.7
-20°	0.0	19.5	58.2	104.7	158.1	213.1	268.0	327.2	385.4	440.5	495.1

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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	19.1	57.0	102.5	154.8	208.9	262.7	320.2	378.2	432.7	486.3
-25°	0.0	18.8	55.7	100.2	151.0	203.9	256.9	312.5	370.0	423.9	476.5
-27.5°	0.0	18.4	54.1	97.5	146.9	198.4	250.3	304.0	360.9	414.1	465.6
-30°	0.0	17.9	52.4	94.6	142.3	192.3	243.1	294.9	350.5	403.0	453.8
-32.5°	0.0	17.5	50.6	91.5	137.1	185.6	235.2	285.6	339.1	390.8	440.9
-35°	0.0	17.0	48.5	88.1	131.6	178.5	226.7	275.7	326.9	377.5	427.2
-37.5°	0.0	16.4	46.4	84.5	125.8	170.9	217.6	265.1	314.1	363.3	411.6
-40°	0.0	15.9	44.0	80.6	119.6	163.2	207.8	253.8	300.6	348.1	394.8
-42.5°	0.0	15.3	41.6	76.5	113.5	155.1	197.5	241.8	286.7	332.3	377.4
-45°	0.0	14.6	39.0	72.0	107.5	146.6	186.6	229.0	272.2	315.9	359.3
-47.5°	0.0	14.0	36.2	67.3	101.3	137.8	175.2	215.6	256.8	298.6	340.1
-50°	0.0	13.3	33.3	62.7	94.7	128.7	164.2	201.6	240.9	280.7	320.2
-52.5°	0.0	12.6	30.3	58.1	87.8	119.3	153.0	187.0	224.4	262.2	299.5
-55°	0.0	11.9	27.2	53.3	80.7	110.2	141.5	172.0	207.1	243.0	278.2
-57.5°	0.0	11.1	24.0	48.3	73.3	100.9	129.7	158.4	189.2	222.8	256.3
-60°	0.0	10.3	20.7	43.3	65.8	91.3	117.6	144.5	171.2	201.8	233.4
-62.5°	0.0	9.6	19.1	38.0	58.8	81.4	105.6	130.2	154.6	180.2	209.2
-65°	0.0	8.7	17.5	32.7	51.7	71.3	93.3	115.5	137.7	160.3	184.3
-67.5°	0.0	7.9	15.8	27.3	44.5	61.6	80.7	100.6	120.3	140.5	161.1
-70°	0.0	7.1	14.1	21.8	37.1	52.4	67.8	85.5	103.0	120.3	138.4
-72.5°	0.0	6.2	12.4	18.6	29.7	43.1	56.4	70.1	85.5	100.6	115.5
-75°	0.0	5.4	10.7	16.0	22.1	33.6	45.1	56.5	67.8	80.8	93.6
-77.5°	0.0	4.5	8.9	13.4	17.8	24.1	33.6	43.5	53.0	61.9	71.4
-80°	0.0	3.6	7.2	10.8	14.3	17.8	22.1	30.4	38.4	45.9	53.0
-82.5°	0.0	2.7	5.4	8.1	10.8	13.4	16.0	19.5	23.7	29.9	35.7
-85°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	13.0	15.5	18.2	20.9
-87.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.5	7.8	9.1	10.5
-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°	11.4	12.4	13.3	14.2	15.1	15.9	16.8	17.5	18.3	19.0	19.7
85°	22.9	24.8	28.1	31.4	34.6	37.7	40.7	43.6	46.3	48.9	51.4
82.5°	40.9	46.3	51.8	57.3	62.2	66.8	71.4	76.1	80.8	85.4	90.0
80°	60.2	67.7	76.2	84.3	91.4	98.1	104.7	110.9	117.7	125.0	132.4
77.5°	82.5	93.1	103.1	112.4	121.4	131.3	140.8	149.9	159.5	168.9	177.9
75°	106.3	118.5	131.2	143.8	156.0	167.8	179.3	191.1	203.0	214.9	226.2
72.5°	130.9	146.3	161.4	176.0	191.2	206.0	220.3	234.1	248.2	262.7	276.6
70°	156.5	174.1	192.6	210.5	227.6	244.9	262.3	279.1	295.6	312.3	329.0
67.5°	182.3	204.3	225.2	245.1	265.3	285.6	305.3	325.4	344.8	364.3	382.9
65°	210.7	234.8	257.7	280.4	303.3	327.1	350.3	372.7	395.3	417.1	436.7
62.5°	238.5	264.2	289.5	315.4	342.6	369.3	394.7	420.5	446.7	469.5	489.4
60°	264.1	292.6	320.9	350.4	380.5	409.3	437.8	465.7	493.9	520.2	536.4
57.5°	288.9	320.3	351.7	383.5	415.2	447.3	477.2	507.9	534.1	556.3	575.1
55°	313.0	347.1	380.5	413.9	448.1	481.7	514.2	543.4	569.0	587.4	605.6
52.5°	336.4	372.4	406.9	443.0	479.3	515.0	548.9	576.0	597.0	615.9	632.8
50°	359.1	395.8	432.2	471.3	509.7	547.4	579.3	603.0	624.4	642.8	660.6
47.5°	380.4	418.6	457.6	498.6	539.1	575.5	604.8	629.7	651.5	671.4	692.4
45°	400.9	441.5	482.6	525.0	566.3	601.5	629.8	656.6	677.0	699.4	723.5
42.5°	420.8	463.4	506.5	550.3	592.0	624.9	653.2	677.8	701.8	728.3	757.4
40°	439.7	484.1	529.1	574.7	616.3	645.5	673.2	699.2	728.3	759.8	793.5
37.5°	457.5	503.5	550.3	597.6	634.1	664.2	692.6	721.5	755.4	791.9	837.7
35°	474.1	521.7	569.9	615.4	650.2	682.1	711.3	743.6	783.2	830.9	889.6
32.5°	489.5	538.4	588.1	629.8	664.9	698.0	728.1	768.4	815.9	872.8	955.8
30°	503.6	553.7	603.6	644.0	678.2	711.4	748.0	793.4	849.1	932.1	1038.2
27.5°	516.8	567.6	615.8	655.8	690.1	724.3	767.2	822.3	895.5	994.5	1126.5
25°	528.8	580.9	627.4	665.6	701.1	739.0	785.7	847.6	943.8	1071.7	1250.1
22.5°	539.7	593.0	638.6	674.2	711.4	752.5	806.9	884.4	995.3	1144.6	1374.7
20°	549.5	602.1	647.0	682.2	720.9	763.7	825.9	919.2	1053.0	1246.4	1540.1
17.5°	558.0	610.0	653.2	690.0	730.2	776.3	844.3	949.5	1104.3	1335.2	1707.4
15°	565.4	616.8	658.5	696.6	738.2	790.8	870.0	988.9	1163.9	1427.6	1853.1
12.5°	571.5	622.4	662.9	702.0	744.9	802.9	892.0	1026.2	1225.8	1541.1	2067.8
10°	576.3	626.8	666.2	706.2	750.1	812.6	909.8	1056.7	1277.0	1639.3	2251.0
7.5°	580.7	630.0	668.5	709.1	753.9	819.8	923.3	1080.1	1316.4	1716.5	2396.0
5°	584.0	632.0	669.7	710.8	757.0	824.5	932.5	1096.4	1343.5	1771.6	2498.0
2.5°	585.9	632.6	670.0	711.3	759.3	826.6	937.3	1105.4	1364.8	1797.8	2552.8
0°	586.6	632.0	669.2	710.5	760.1	826.1	937.7	1107.0	1375.5	1796.9	2561.1
-2.5°	585.9	632.6	670.0	711.3	759.3	826.6	937.3	1105.4	1364.8	1797.8	2552.8
-5°	584.0	632.0	669.7	710.8	757.0	824.5	932.5	1096.4	1343.5	1771.6	2498.0
-7.5°	580.7	630.0	668.5	709.1	753.9	819.8	923.3	1080.1	1316.4	1716.5	2396.0
-10°	576.3	626.8	666.2	706.2	750.1	812.6	909.8	1056.7	1277.0	1639.3	2251.0
-12.5°	571.5	622.4	662.9	702.0	744.9	802.9	892.0	1026.2	1225.8	1541.1	2067.8
-15°	565.4	616.8	658.5	696.6	738.2	790.8	870.0	988.9	1163.9	1427.6	1853.1
-17.5°	558.0	610.0	653.2	690.0	730.2	776.3	844.3	949.5	1104.3	1335.2	1707.4
-20°	549.5	602.1	647.0	682.2	720.9	763.7	825.9	919.2	1053.0	1246.4	1540.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	539.7	593.0	638.6	674.2	711.4	752.5	806.9	884.4	995.3	1144.6	1374.7
-25°	528.8	580.9	627.4	665.6	701.1	739.0	785.7	847.6	943.8	1071.7	1250.1
-27.5°	516.8	567.6	615.8	655.8	690.1	724.3	767.2	822.3	895.5	994.5	1126.5
-30°	503.6	553.7	603.6	644.0	678.2	711.4	748.0	793.4	849.1	932.1	1038.2
-32.5°	489.5	538.4	588.1	629.8	664.9	698.0	728.1	768.4	815.9	872.8	955.8
-35°	474.1	521.7	569.9	615.4	650.2	682.1	711.3	743.6	783.2	830.9	889.6
-37.5°	457.5	503.5	550.3	597.6	634.1	664.2	692.6	721.5	755.4	791.9	837.7
-40°	439.7	484.1	529.1	574.7	616.3	645.5	673.2	699.2	728.3	759.8	793.5
-42.5°	420.8	463.4	506.5	550.3	592.0	624.9	653.2	677.8	701.8	728.3	757.4
-45°	400.9	441.5	482.6	525.0	566.3	601.5	629.8	656.6	677.0	699.4	723.5
-47.5°	380.4	418.6	457.6	498.6	539.1	575.5	604.8	629.7	651.5	671.4	692.4
-50°	359.1	395.8	432.2	471.3	509.7	547.4	579.3	603.0	624.4	642.8	660.6
-52.5°	336.4	372.4	406.9	443.0	479.3	515.0	548.9	576.0	597.0	615.9	632.8
-55°	313.0	347.1	380.5	413.9	448.1	481.7	514.2	543.4	569.0	587.4	605.6
-57.5°	288.9	320.3	351.7	383.5	415.2	447.3	477.2	507.9	534.1	556.3	575.1
-60°	264.1	292.6	320.9	350.4	380.5	409.3	437.8	465.7	493.9	520.2	536.4
-62.5°	238.5	264.2	289.5	315.4	342.6	369.3	394.7	420.5	446.7	469.5	489.4
-65°	210.7	234.8	257.7	280.4	303.3	327.1	350.3	372.7	395.3	417.1	436.7
-67.5°	182.3	204.3	225.2	245.1	265.3	285.6	305.3	325.4	344.8	364.3	382.9
-70°	156.5	174.1	192.6	210.5	227.6	244.9	262.3	279.1	295.6	312.3	329.0
-72.5°	130.9	146.3	161.4	176.0	191.2	206.0	220.3	234.1	248.2	262.7	276.6
-75°	106.3	118.5	131.2	143.8	156.0	167.8	179.3	191.1	203.0	214.9	226.2
-77.5°	82.5	93.1	103.1	112.4	121.4	131.3	140.8	149.9	159.5	168.9	177.9
-80°	60.2	67.7	76.2	84.3	91.4	98.1	104.7	110.9	117.7	125.0	132.4
-82.5°	40.9	46.3	51.8	57.3	62.2	66.8	71.4	76.1	80.8	85.4	90.0
-85°	22.9	24.8	28.1	31.4	34.6	37.7	40.7	43.6	46.3	48.9	51.4
-87.5°	11.4	12.4	13.3	14.2	15.1	15.9	16.8	17.5	18.3	19.0	19.7
-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: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	20.3	20.1	19.7	19.3	18.8	20.1	21.4	22.7	23.9	23.2	22.4
85°	53.7	55.0	56.0	56.9	57.6	60.2	62.6	64.9	67.1	67.0	66.8
82.5°	94.6	97.6	100.3	102.6	104.7	107.7	110.4	112.7	114.7	116.2	117.4
80°	139.4	144.4	148.6	152.4	155.9	159.8	163.5	166.8	169.6	171.2	172.2
77.5°	186.8	194.0	200.4	206.6	212.4	218.2	223.5	228.2	232.3	233.2	233.0
75°	236.9	246.6	255.7	264.1	271.9	278.6	284.2	289.0	292.9	294.8	295.9
72.5°	289.7	301.6	312.3	322.0	330.3	337.2	343.2	348.3	352.7	355.4	357.1
70°	344.8	358.9	369.9	379.0	386.1	392.9	400.6	407.9	414.8	418.7	420.1
67.5°	400.0	414.6	424.7	433.0	439.5	446.2	455.9	464.7	472.4	477.7	481.0
65°	454.1	469.5	479.6	487.5	493.5	500.2	511.1	519.7	526.4	531.6	536.3
62.5°	507.5	523.0	534.3	543.7	552.4	559.8	568.7	576.0	581.6	586.8	592.6
60°	553.8	572.2	584.0	593.6	604.3	616.0	622.5	627.9	632.7	636.8	640.4
57.5°	591.6	608.0	623.2	634.7	645.9	656.6	664.4	669.5	673.6	676.7	677.9
55°	623.2	640.2	657.1	669.6	680.6	690.7	699.1	705.8	711.3	715.6	716.6
52.5°	651.6	670.6	687.3	701.6	716.2	728.0	737.3	746.4	754.3	760.7	763.4
50°	682.4	702.4	723.1	742.4	757.8	771.4	782.7	795.5	809.0	820.1	827.1
47.5°	714.9	737.9	762.9	786.6	804.9	825.0	843.8	862.8	887.9	908.9	924.5
45°	748.8	778.3	806.9	837.0	862.3	900.2	935.5	965.7	1005.9	1042.4	1071.4
42.5°	788.8	825.6	860.7	908.9	959.3	1011.1	1067.1	1114.9	1177.8	1241.7	1293.4
40°	836.3	883.3	945.1	1009.8	1089.3	1160.6	1257.3	1343.5	1439.9	1561.9	1662.6
37.5°	893.4	965.8	1051.8	1141.9	1266.1	1384.6	1544.4	1712.8	1865.6	2100.3	2297.6
35°	967.7	1068.9	1182.0	1341.6	1517.3	1739.5	1988.8	2314.1	2593.0	2988.7	3366.8
32.5°	1063.3	1193.4	1378.3	1624.6	1884.2	2287.6	2683.2	3248.1	3771.0	4398.1	5075.0
30°	1169.7	1367.7	1650.2	1988.0	2472.4	3065.9	3763.2	4630.7	5580.0	6461.4	7330.0
27.5°	1323.9	1607.6	1978.7	2523.8	3278.7	4109.1	5330.8	6508.3	7736.9	8828.9	9739.7
25°	1504.0	1878.9	2452.8	3255.4	4276.3	5698.2	7160.7	8614.0	9935.2	11078.5	12084.8
22.5°	1736.5	2275.8	3040.8	4080.3	5670.1	7374.4	9089.4	10692.4	12101.7	13374.8	14464.1
20°	1989.5	2664.2	3756.6	5306.8	7124.8	9066.5	11003.0	12710.5	14262.2	15705.8	16933.5
17.5°	2310.0	3255.0	4638.4	6498.0	8599.9	10727.3	12761.6	14614.6	16375.2	17902.7	19185.5
15°	2583.2	3775.2	5580.8	7761.8	10035.3	12279.4	14427.1	16439.8	18270.2	19837.5	21043.4
12.5°	2947.6	4358.3	6417.5	8848.2	11311.9	13673.1	15935.4	18015.7	19878.5	21428.4	22367.2
10°	3292.0	4962.0	7226.2	9761.0	12320.7	14836.5	17251.9	19385.5	21114.9	22347.9	23148.0
7.5°	3584.8	5480.8	7884.0	10498.9	13122.2	15752.5	18197.5	20273.4	21868.1	22897.8	23454.7
5°	3803.5	5868.7	8372.3	11098.5	13790.3	16466.8	18892.8	20841.6	22219.8	22984.7	23264.3
2.5°	3942.9	6096.4	8655.6	11491.9	14237.5	16918.8	19369.7	21287.9	22457.2	22964.2	23012.5
0°	3998.6	6125.9	8699.3	11698.2	14350.2	17047.5	19505.3	21471.6	22545.5	22962.8	22954.5
-2.5°	3942.9	6096.4	8655.6	11491.9	14237.5	16918.8	19369.7	21287.9	22457.2	22964.2	23012.5
-5°	3803.5	5868.7	8372.3	11098.5	13790.3	16466.8	18892.8	20841.6	22219.8	22984.7	23264.3
-7.5°	3584.8	5480.8	7884.0	10498.9	13122.2	15752.5	18197.5	20273.4	21868.1	22897.8	23454.7
-10°	3292.0	4962.0	7226.2	9761.0	12320.7	14836.5	17251.9	19385.5	21114.9	22347.9	23148.0
-12.5°	2947.6	4358.3	6417.5	8848.2	11311.9	13673.1	15935.4	18015.7	19878.5	21428.4	22367.2
-15°	2583.2	3775.2	5580.8	7761.8	10035.3	12279.4	14427.1	16439.8	18270.2	19837.5	21043.4
-17.5°	2310.0	3255.0	4638.4	6498.0	8599.9	10727.3	12761.6	14614.6	16375.2	17902.7	19185.5
-20°	1989.5	2664.2	3756.6	5306.8	7124.8	9066.5	11003.0	12710.5	14262.2	15705.8	16933.5



REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	1736.5	2275.8	3040.8	4080.3	5670.1	7374.4	9089.4	10692.4	12101.7	13374.8	14464.1
-25°	1504.0	1878.9	2452.8	3255.4	4276.3	5698.2	7160.7	8614.0	9935.2	11078.5	12084.8
-27.5°	1323.9	1607.6	1978.7	2523.8	3278.7	4109.1	5330.8	6508.3	7736.9	8828.9	9739.7
-30°	1169.7	1367.7	1650.2	1988.0	2472.4	3065.9	3763.2	4630.7	5580.0	6461.4	7330.0
-32.5°	1063.3	1193.4	1378.3	1624.6	1884.2	2287.6	2683.2	3248.1	3771.0	4398.1	5075.0
-35°	967.7	1068.9	1182.0	1341.6	1517.3	1739.5	1988.8	2314.1	2593.0	2988.7	3366.8
-37.5°	893.4	965.8	1051.8	1141.9	1266.1	1384.6	1544.4	1712.8	1865.6	2100.3	2297.6
-40°	836.3	883.3	945.1	1009.8	1089.3	1160.6	1257.3	1343.5	1439.9	1561.9	1662.6
-42.5°	788.8	825.6	860.7	908.9	959.3	1011.1	1067.1	1114.9	1177.8	1241.7	1293.4
-45°	748.8	778.3	806.9	837.0	862.3	900.2	935.5	965.7	1005.9	1042.4	1071.4
-47.5°	714.9	737.9	762.9	786.6	804.9	825.0	843.8	862.8	887.9	908.9	924.5
-50°	682.4	702.4	723.1	742.4	757.8	771.4	782.7	795.5	809.0	820.1	827.1
-52.5°	651.6	670.6	687.3	701.6	716.2	728.0	737.3	746.4	754.3	760.7	763.4
-55°	623.2	640.2	657.1	669.6	680.6	690.7	699.1	705.8	711.3	715.6	716.6
-57.5°	591.6	608.0	623.2	634.7	645.9	656.6	664.4	669.5	673.6	676.7	677.9
-60°	553.8	572.2	584.0	593.6	604.3	616.0	622.5	627.9	632.7	636.8	640.4
-62.5°	507.5	523.0	534.3	543.7	552.4	559.8	568.7	576.0	581.6	586.8	592.6
-65°	454.1	469.5	479.6	487.5	493.5	500.2	511.1	519.7	526.4	531.6	536.3
-67.5°	400.0	414.6	424.7	433.0	439.5	446.2	455.9	464.7	472.4	477.7	481.0
-70°	344.8	358.9	369.9	379.0	386.1	392.9	400.6	407.9	414.8	418.7	420.1
-72.5°	289.7	301.6	312.3	322.0	330.3	337.2	343.2	348.3	352.7	355.4	357.1
-75°	236.9	246.6	255.7	264.1	271.9	278.6	284.2	289.0	292.9	294.8	295.9
-77.5°	186.8	194.0	200.4	206.6	212.4	218.2	223.5	228.2	232.3	233.2	233.0
-80°	139.4	144.4	148.6	152.4	155.9	159.8	163.5	166.8	169.6	171.2	172.2
-82.5°	94.6	97.6	100.3	102.6	104.7	107.7	110.4	112.7	114.7	116.2	117.4
-85°	53.7	55.0	56.0	56.9	57.6	60.2	62.6	64.9	67.1	67.0	66.8
-87.5°	20.3	20.1	19.7	19.3	18.8	20.1	21.4	22.7	23.9	23.2	22.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	21.5	20.6	20.7	20.7	20.7	20.6	21.5	22.4	23.2	23.9	22.7
85°	66.4	65.8	64.0	62.0	64.0	65.8	66.4	66.8	67.0	67.1	64.9
82.5°	118.4	119.2	117.6	115.7	117.6	119.2	118.4	117.4	116.2	114.7	112.7
80°	172.7	172.7	171.3	169.4	171.3	172.7	172.7	172.2	171.2	169.6	166.8
77.5°	232.0	230.3	231.0	231.3	231.0	230.3	232.0	233.0	233.2	232.3	228.2
75°	296.3	296.0	295.0	293.3	295.0	296.0	296.3	295.9	294.8	292.9	289.0
72.5°	357.9	357.9	357.0	355.2	357.0	357.9	357.9	357.1	355.4	352.7	348.3
70°	420.5	419.7	420.8	421.3	420.8	419.7	420.5	420.1	418.7	414.8	407.9
67.5°	483.5	485.2	484.9	483.3	484.9	485.2	483.5	481.0	477.7	472.4	464.7
65°	540.1	543.0	544.7	545.3	544.7	543.0	540.1	536.3	531.6	526.4	519.7
62.5°	597.2	600.5	600.7	599.0	600.7	600.5	597.2	592.6	586.8	581.6	576.0
60°	642.4	642.9	642.1	640.3	642.1	642.9	642.4	640.4	636.8	632.7	627.9
57.5°	677.9	676.7	675.3	673.3	675.3	676.7	677.9	677.9	676.7	673.6	669.5
55°	716.1	714.1	712.4	710.5	712.4	714.1	716.1	716.6	715.6	711.3	705.8
52.5°	764.1	763.0	761.9	760.1	761.9	763.0	764.1	763.4	760.7	754.3	746.4
50°	830.7	831.8	831.7	830.3	831.7	831.8	830.7	827.1	820.1	809.0	795.5
47.5°	934.4	939.9	943.6	945.9	943.6	939.9	934.4	924.5	908.9	887.9	862.8
45°	1089.9	1101.0	1108.8	1115.3	1108.8	1101.0	1089.9	1071.4	1042.4	1005.9	965.7
42.5°	1329.7	1354.4	1366.1	1363.1	1366.1	1354.4	1329.7	1293.4	1241.7	1177.8	1114.9
40°	1729.7	1769.6	1791.7	1809.3	1791.7	1769.6	1729.7	1662.6	1561.9	1439.9	1343.5
37.5°	2432.3	2509.7	2550.4	2585.8	2550.4	2509.7	2432.3	2297.6	2100.3	1865.6	1712.8
35°	3649.3	3823.4	3916.6	3949.0	3916.6	3823.4	3649.3	3366.8	2988.7	2593.0	2314.1
32.5°	5601.6	5922.7	6100.2	6237.4	6100.2	5922.7	5601.6	5075.0	4398.1	3771.0	3248.1
30°	8017.8	8440.7	8675.6	8790.2	8675.6	8440.7	8017.8	7330.0	6461.4	5580.0	4630.7
27.5°	10494.6	10975.4	11228.6	11214.9	11228.6	10975.4	10494.6	9739.7	8828.9	7736.9	6508.3
25°	12947.6	13504.4	13756.7	13982.5	13756.7	13504.4	12947.6	12084.8	11078.5	9935.2	8614.0
22.5°	15428.4	16079.5	16434.8	16601.4	16434.8	16079.5	15428.4	14464.1	13374.8	12101.7	10692.4
20°	17879.7	18604.5	18981.8	19146.0	18981.8	18604.5	17879.7	16933.5	15705.8	14262.2	12710.5
17.5°	20053.8	20761.4	21120.9	21273.3	21120.9	20761.4	20053.8	19185.5	17902.7	16375.2	14614.6
15°	21789.7	22311.7	22617.4	22698.4	22617.4	22311.7	21789.7	21043.4	19837.5	18270.2	16439.8
12.5°	22989.7	23191.9	23338.9	23384.1	23338.9	23191.9	22989.7	22367.2	21428.4	19878.5	18015.7
10°	23603.2	23512.0	23474.3	23479.1	23474.3	23512.0	23603.2	23148.0	22347.9	21114.9	19385.5
7.5°	23561.0	23426.0	23154.6	23111.5	23154.6	23426.0	23561.0	23454.7	22897.8	21868.1	20273.4
5°	23222.5	22976.6	22526.3	22396.8	22526.3	22976.6	23222.5	23264.3	22984.7	22219.8	20841.6
2.5°	22828.0	22384.6	21969.8	21702.9	21969.8	22384.6	22828.0	23012.5	22964.2	22457.2	21287.9
0°	22710.8	22198.6	21661.6	21488.1	21661.6	22198.6	22710.8	22954.5	22962.8	22545.5	21471.6
-2.5°	22828.0	22384.6	21969.8	21702.9	21969.8	22384.6	22828.0	23012.5	22964.2	22457.2	21287.9
-5°	23222.5	22976.6	22526.3	22396.8	22526.3	22976.6	23222.5	23264.3	22984.7	22219.8	20841.6
-7.5°	23561.0	23426.0	23154.6	23111.5	23154.6	23426.0	23561.0	23454.7	22897.8	21868.1	20273.4
-10°	23603.2	23512.0	23474.3	23479.1	23474.3	23512.0	23603.2	23148.0	22347.9	21114.9	19385.5
-12.5°	22989.7	23191.9	23338.9	23384.1	23338.9	23191.9	22989.7	22367.2	21428.4	19878.5	18015.7
-15°	21789.7	22311.7	22617.4	22698.4	22617.4	22311.7	21789.7	21043.4	19837.5	18270.2	16439.8
-17.5°	20053.8	20761.4	21120.9	21273.3	21120.9	20761.4	20053.8	19185.5	17902.7	16375.2	14614.6
-20°	17879.7	18604.5	18981.8	19146.0	18981.8	18604.5	17879.7	16933.5	15705.8	14262.2	12710.5



REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	15428.4	16079.5	16434.8	16601.4	16434.8	16079.5	15428.4	14464.1	13374.8	12101.7	10692.4
-25°	12947.6	13504.4	13756.7	13982.5	13756.7	13504.4	12947.6	12084.8	11078.5	9935.2	8614.0
-27.5°	10494.6	10975.4	11228.6	11214.9	11228.6	10975.4	10494.6	9739.7	8828.9	7736.9	6508.3
-30°	8017.8	8440.7	8675.6	8790.2	8675.6	8440.7	8017.8	7330.0	6461.4	5580.0	4630.7
-32.5°	5601.6	5922.7	6100.2	6237.4	6100.2	5922.7	5601.6	5075.0	4398.1	3771.0	3248.1
-35°	3649.3	3823.4	3916.6	3949.0	3916.6	3823.4	3649.3	3366.8	2988.7	2593.0	2314.1
-37.5°	2432.3	2509.7	2550.4	2585.8	2550.4	2509.7	2432.3	2297.6	2100.3	1865.6	1712.8
-40°	1729.7	1769.6	1791.7	1809.3	1791.7	1769.6	1729.7	1662.6	1561.9	1439.9	1343.5
-42.5°	1329.7	1354.4	1366.1	1363.1	1366.1	1354.4	1329.7	1293.4	1241.7	1177.8	1114.9
-45°	1089.9	1101.0	1108.8	1115.3	1108.8	1101.0	1089.9	1071.4	1042.4	1005.9	965.7
-47.5°	934.4	939.9	943.6	945.9	943.6	939.9	934.4	924.5	908.9	887.9	862.8
-50°	830.7	831.8	831.7	830.3	831.7	831.8	830.7	827.1	820.1	809.0	795.5
-52.5°	764.1	763.0	761.9	760.1	761.9	763.0	764.1	763.4	760.7	754.3	746.4
-55°	716.1	714.1	712.4	710.5	712.4	714.1	716.1	716.6	715.6	711.3	705.8
-57.5°	677.9	676.7	675.3	673.3	675.3	676.7	677.9	677.9	676.7	673.6	669.5
-60°	642.4	642.9	642.1	640.3	642.1	642.9	642.4	640.4	636.8	632.7	627.9
-62.5°	597.2	600.5	600.7	599.0	600.7	600.5	597.2	592.6	586.8	581.6	576.0
-65°	540.1	543.0	544.7	545.3	544.7	543.0	540.1	536.3	531.6	526.4	519.7
-67.5°	483.5	485.2	484.9	483.3	484.9	485.2	483.5	481.0	477.7	472.4	464.7
-70°	420.5	419.7	420.8	421.3	420.8	419.7	420.5	420.1	418.7	414.8	407.9
-72.5°	357.9	357.9	357.0	355.2	357.0	357.9	357.9	357.1	355.4	352.7	348.3
-75°	296.3	296.0	295.0	293.3	295.0	296.0	296.3	295.9	294.8	292.9	289.0
-77.5°	232.0	230.3	231.0	231.3	231.0	230.3	232.0	233.0	233.2	232.3	228.2
-80°	172.7	172.7	171.3	169.4	171.3	172.7	172.7	172.2	171.2	169.6	166.8
-82.5°	118.4	119.2	117.6	115.7	117.6	119.2	118.4	117.4	116.2	114.7	112.7
-85°	66.4	65.8	64.0	62.0	64.0	65.8	66.4	66.8	67.0	67.1	64.9
-87.5°	21.5	20.6	20.7	20.7	20.7	20.6	21.5	22.4	23.2	23.9	22.7
-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: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	21.4	20.1	18.8	19.3	19.7	20.1	20.3	19.7	19.0	18.3	17.5
85°	62.6	60.2	57.6	56.9	56.0	55.0	53.7	51.4	48.9	46.3	43.6
82.5°	110.4	107.7	104.7	102.6	100.3	97.6	94.6	90.0	85.4	80.8	76.1
80°	163.5	159.8	155.9	152.4	148.6	144.4	139.4	132.4	125.0	117.7	110.9
77.5°	223.5	218.2	212.4	206.6	200.4	194.0	186.8	177.9	168.9	159.5	149.9
75°	284.2	278.6	271.9	264.1	255.7	246.6	236.9	226.2	214.9	203.0	191.1
72.5°	343.2	337.2	330.3	322.0	312.3	301.6	289.7	276.6	262.7	248.2	234.1
70°	400.6	392.9	386.1	379.0	369.9	358.9	344.8	329.0	312.3	295.6	279.1
67.5°	455.9	446.2	439.5	433.0	424.7	414.6	400.0	382.9	364.3	344.8	325.4
65°	511.1	500.2	493.5	487.5	479.6	469.5	454.1	436.7	417.1	395.3	372.7
62.5°	568.7	559.8	552.4	543.7	534.3	523.0	507.5	489.4	469.5	446.7	420.5
60°	622.5	616.0	604.3	593.6	584.0	572.2	553.8	536.4	520.2	493.9	465.7
57.5°	664.4	656.6	645.9	634.7	623.2	608.0	591.6	575.1	556.3	534.1	507.9
55°	699.1	690.7	680.6	669.6	657.1	640.2	623.2	605.6	587.4	569.0	543.4
52.5°	737.3	728.0	716.2	701.6	687.3	670.6	651.6	632.8	615.9	597.0	576.0
50°	782.7	771.4	757.8	742.4	723.1	702.4	682.4	660.6	642.8	624.4	603.0
47.5°	843.8	825.0	804.9	786.6	762.9	737.9	714.9	692.4	671.4	651.5	629.7
45°	935.5	900.2	862.3	837.0	806.9	778.3	748.8	723.5	699.4	677.0	656.6
42.5°	1067.1	1011.1	959.3	908.9	860.7	825.6	788.8	757.4	728.3	701.8	677.8
40°	1257.3	1160.6	1089.3	1009.8	945.1	883.3	836.3	793.5	759.8	728.3	699.2
37.5°	1544.4	1384.6	1266.1	1141.9	1051.8	965.8	893.4	837.7	791.9	755.4	721.5
35°	1988.8	1739.5	1517.3	1341.6	1182.0	1068.9	967.7	889.6	830.9	783.2	743.6
32.5°	2683.2	2287.6	1884.2	1624.6	1378.3	1193.4	1063.3	955.8	872.8	815.9	768.4
30°	3763.2	3065.9	2472.4	1988.0	1650.2	1367.7	1169.7	1038.2	932.1	849.1	793.4
27.5°	5330.8	4109.1	3278.7	2523.8	1978.7	1607.6	1323.9	1126.5	994.5	895.5	822.3
25°	7160.7	5698.2	4276.3	3255.4	2452.8	1878.9	1504.0	1250.1	1071.7	943.8	847.6
22.5°	9089.4	7374.4	5670.1	4080.3	3040.8	2275.8	1736.5	1374.7	1144.6	995.3	884.4
20°	11003.0	9066.5	7124.8	5306.8	3756.6	2664.2	1989.5	1540.1	1246.4	1053.0	919.2
17.5°	12761.6	10727.3	8599.9	6498.0	4638.4	3255.0	2310.0	1707.4	1335.2	1104.3	949.5
15°	14427.1	12279.4	10035.3	7761.8	5580.8	3775.2	2583.2	1853.1	1427.6	1163.9	988.9
12.5°	15935.4	13673.1	11311.9	8848.2	6417.5	4358.3	2947.6	2067.8	1541.1	1225.8	1026.2
10°	17251.9	14836.5	12320.7	9761.0	7226.2	4962.0	3292.0	2251.0	1639.3	1277.0	1056.7
7.5°	18197.5	15752.5	13122.2	10498.9	7884.0	5480.8	3584.8	2396.0	1716.5	1316.4	1080.1
5°	18892.8	16466.8	13790.3	11098.5	8372.3	5868.7	3803.5	2498.0	1771.6	1343.5	1096.4
2.5°	19369.7	16918.8	14237.5	11491.9	8655.6	6096.4	3942.9	2552.8	1797.8	1364.8	1105.4
0°	19505.3	17047.5	14350.2	11698.2	8699.3	6125.9	3998.6	2561.1	1796.9	1375.5	1107.0
-2.5°	19369.7	16918.8	14237.5	11491.9	8655.6	6096.4	3942.9	2552.8	1797.8	1364.8	1105.4
-5°	18892.8	16466.8	13790.3	11098.5	8372.3	5868.7	3803.5	2498.0	1771.6	1343.5	1096.4
-7.5°	18197.5	15752.5	13122.2	10498.9	7884.0	5480.8	3584.8	2396.0	1716.5	1316.4	1080.1
-10°	17251.9	14836.5	12320.7	9761.0	7226.2	4962.0	3292.0	2251.0	1639.3	1277.0	1056.7
-12.5°	15935.4	13673.1	11311.9	8848.2	6417.5	4358.3	2947.6	2067.8	1541.1	1225.8	1026.2
-15°	14427.1	12279.4	10035.3	7761.8	5580.8	3775.2	2583.2	1853.1	1427.6	1163.9	988.9
-17.5°	12761.6	10727.3	8599.9	6498.0	4638.4	3255.0	2310.0	1707.4	1335.2	1104.3	949.5
-20°	11003.0	9066.5	7124.8	5306.8	3756.6	2664.2	1989.5	1540.1	1246.4	1053.0	919.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	9089.4	7374.4	5670.1	4080.3	3040.8	2275.8	1736.5	1374.7	1144.6	995.3	884.4
-25°	7160.7	5698.2	4276.3	3255.4	2452.8	1878.9	1504.0	1250.1	1071.7	943.8	847.6
-27.5°	5330.8	4109.1	3278.7	2523.8	1978.7	1607.6	1323.9	1126.5	994.5	895.5	822.3
-30°	3763.2	3065.9	2472.4	1988.0	1650.2	1367.7	1169.7	1038.2	932.1	849.1	793.4
-32.5°	2683.2	2287.6	1884.2	1624.6	1378.3	1193.4	1063.3	955.8	872.8	815.9	768.4
-35°	1988.8	1739.5	1517.3	1341.6	1182.0	1068.9	967.7	889.6	830.9	783.2	743.6
-37.5°	1544.4	1384.6	1266.1	1141.9	1051.8	965.8	893.4	837.7	791.9	755.4	721.5
-40°	1257.3	1160.6	1089.3	1009.8	945.1	883.3	836.3	793.5	759.8	728.3	699.2
-42.5°	1067.1	1011.1	959.3	908.9	860.7	825.6	788.8	757.4	728.3	701.8	677.8
-45°	935.5	900.2	862.3	837.0	806.9	778.3	748.8	723.5	699.4	677.0	656.6
-47.5°	843.8	825.0	804.9	786.6	762.9	737.9	714.9	692.4	671.4	651.5	629.7
-50°	782.7	771.4	757.8	742.4	723.1	702.4	682.4	660.6	642.8	624.4	603.0
-52.5°	737.3	728.0	716.2	701.6	687.3	670.6	651.6	632.8	615.9	597.0	576.0
-55°	699.1	690.7	680.6	669.6	657.1	640.2	623.2	605.6	587.4	569.0	543.4
-57.5°	664.4	656.6	645.9	634.7	623.2	608.0	591.6	575.1	556.3	534.1	507.9
-60°	622.5	616.0	604.3	593.6	584.0	572.2	553.8	536.4	520.2	493.9	465.7
-62.5°	568.7	559.8	552.4	543.7	534.3	523.0	507.5	489.4	469.5	446.7	420.5
-65°	511.1	500.2	493.5	487.5	479.6	469.5	454.1	436.7	417.1	395.3	372.7
-67.5°	455.9	446.2	439.5	433.0	424.7	414.6	400.0	382.9	364.3	344.8	325.4
-70°	400.6	392.9	386.1	379.0	369.9	358.9	344.8	329.0	312.3	295.6	279.1
-72.5°	343.2	337.2	330.3	322.0	312.3	301.6	289.7	276.6	262.7	248.2	234.1
-75°	284.2	278.6	271.9	264.1	255.7	246.6	236.9	226.2	214.9	203.0	191.1
-77.5°	223.5	218.2	212.4	206.6	200.4	194.0	186.8	177.9	168.9	159.5	149.9
-80°	163.5	159.8	155.9	152.4	148.6	144.4	139.4	132.4	125.0	117.7	110.9
-82.5°	110.4	107.7	104.7	102.6	100.3	97.6	94.6	90.0	85.4	80.8	76.1
-85°	62.6	60.2	57.6	56.9	56.0	55.0	53.7	51.4	48.9	46.3	43.6
-87.5°	21.4	20.1	18.8	19.3	19.7	20.1	20.3	19.7	19.0	18.3	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



REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	16.8	15.9	15.1	14.2	13.3	12.4	11.4	10.5	9.1	7.8	6.5
85°	40.7	37.7	34.6	31.4	28.1	24.8	22.9	20.9	18.2	15.5	13.0
82.5°	71.4	66.8	62.2	57.3	51.8	46.3	40.9	35.7	29.9	23.7	19.5
80°	104.7	98.1	91.4	84.3	76.2	67.7	60.2	53.0	45.9	38.4	30.4
77.5°	140.8	131.3	121.4	112.4	103.1	93.1	82.5	71.4	61.9	53.0	43.5
75°	179.3	167.8	156.0	143.8	131.2	118.5	106.3	93.6	80.8	67.8	56.5
72.5°	220.3	206.0	191.2	176.0	161.4	146.3	130.9	115.5	100.6	85.5	70.1
70°	262.3	244.9	227.6	210.5	192.6	174.1	156.5	138.4	120.3	103.0	85.5
67.5°	305.3	285.6	265.3	245.1	225.2	204.3	182.3	161.1	140.5	120.3	100.6
65°	350.3	327.1	303.3	280.4	257.7	234.8	210.7	184.3	160.3	137.7	115.5
62.5°	394.7	369.3	342.6	315.4	289.5	264.2	238.5	209.2	180.2	154.6	130.2
60°	437.8	409.3	380.5	350.4	320.9	292.6	264.1	233.4	201.8	171.2	144.5
57.5°	477.2	447.3	415.2	383.5	351.7	320.3	288.9	256.3	222.8	189.2	158.4
55°	514.2	481.7	448.1	413.9	380.5	347.1	313.0	278.2	243.0	207.1	172.0
52.5°	548.9	515.0	479.3	443.0	406.9	372.4	336.4	299.5	262.2	224.4	187.0
50°	579.3	547.4	509.7	471.3	432.2	395.8	359.1	320.2	280.7	240.9	201.6
47.5°	604.8	575.5	539.1	498.6	457.6	418.6	380.4	340.1	298.6	256.8	215.6
45°	629.8	601.5	566.3	525.0	482.6	441.5	400.9	359.3	315.9	272.2	229.0
42.5°	653.2	624.9	592.0	550.3	506.5	463.4	420.8	377.4	332.3	286.7	241.8
40°	673.2	645.5	616.3	574.7	529.1	484.1	439.7	394.8	348.1	300.6	253.8
37.5°	692.6	664.2	634.1	597.6	550.3	503.5	457.5	411.6	363.3	314.1	265.1
35°	711.3	682.1	650.2	615.4	569.9	521.7	474.1	427.2	377.5	326.9	275.7
32.5°	728.1	698.0	664.9	629.8	588.1	538.4	489.5	440.9	390.8	339.1	285.6
30°	748.0	711.4	678.2	644.0	603.6	553.7	503.6	453.8	403.0	350.5	294.9
27.5°	767.2	724.3	690.1	655.8	615.8	567.6	516.8	465.6	414.1	360.9	304.0
25°	785.7	739.0	701.1	665.6	627.4	580.9	528.8	476.5	423.9	370.0	312.5
22.5°	806.9	752.5	711.4	674.2	638.6	593.0	539.7	486.3	432.7	378.2	320.2
20°	825.9	763.7	720.9	682.2	647.0	602.1	549.5	495.1	440.5	385.4	327.2
17.5°	844.3	776.3	730.2	690.0	653.2	610.0	558.0	502.7	447.3	391.6	333.4
15°	870.0	790.8	738.2	696.6	658.5	616.8	565.4	509.3	453.2	396.9	339.0
12.5°	892.0	802.9	744.9	702.0	662.9	622.4	571.5	514.7	458.0	401.7	343.9
10°	909.8	812.6	750.1	706.2	666.2	626.8	576.3	519.3	462.6	405.8	348.0
7.5°	923.3	819.8	753.9	709.1	668.5	630.0	580.7	523.4	466.2	409.0	351.1
5°	932.5	824.5	757.0	710.8	669.7	632.0	584.0	526.4	468.8	411.3	353.4
2.5°	937.3	826.6	759.3	711.3	670.0	632.6	585.9	528.1	470.4	412.6	354.7
0°	937.7	826.1	760.1	710.5	669.2	632.0	586.6	528.7	470.9	413.1	355.2
-2.5°	937.3	826.6	759.3	711.3	670.0	632.6	585.9	528.1	470.4	412.6	354.7
-5°	932.5	824.5	757.0	710.8	669.7	632.0	584.0	526.4	468.8	411.3	353.4
-7.5°	923.3	819.8	753.9	709.1	668.5	630.0	580.7	523.4	466.2	409.0	351.1
-10°	909.8	812.6	750.1	706.2	666.2	626.8	576.3	519.3	462.6	405.8	348.0
-12.5°	892.0	802.9	744.9	702.0	662.9	622.4	571.5	514.7	458.0	401.7	343.9
-15°	870.0	790.8	738.2	696.6	658.5	616.8	565.4	509.3	453.2	396.9	339.0
-17.5°	844.3	776.3	730.2	690.0	653.2	610.0	558.0	502.7	447.3	391.6	333.4
-20°	825.9	763.7	720.9	682.2	647.0	602.1	549.5	495.1	440.5	385.4	327.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	806.9	752.5	711.4	674.2	638.6	593.0	539.7	486.3	432.7	378.2	320.2
-25°	785.7	739.0	701.1	665.6	627.4	580.9	528.8	476.5	423.9	370.0	312.5
-27.5°	767.2	724.3	690.1	655.8	615.8	567.6	516.8	465.6	414.1	360.9	304.0
-30°	748.0	711.4	678.2	644.0	603.6	553.7	503.6	453.8	403.0	350.5	294.9
-32.5°	728.1	698.0	664.9	629.8	588.1	538.4	489.5	440.9	390.8	339.1	285.6
-35°	711.3	682.1	650.2	615.4	569.9	521.7	474.1	427.2	377.5	326.9	275.7
-37.5°	692.6	664.2	634.1	597.6	550.3	503.5	457.5	411.6	363.3	314.1	265.1
-40°	673.2	645.5	616.3	574.7	529.1	484.1	439.7	394.8	348.1	300.6	253.8
-42.5°	653.2	624.9	592.0	550.3	506.5	463.4	420.8	377.4	332.3	286.7	241.8
-45°	629.8	601.5	566.3	525.0	482.6	441.5	400.9	359.3	315.9	272.2	229.0
-47.5°	604.8	575.5	539.1	498.6	457.6	418.6	380.4	340.1	298.6	256.8	215.6
-50°	579.3	547.4	509.7	471.3	432.2	395.8	359.1	320.2	280.7	240.9	201.6
-52.5°	548.9	515.0	479.3	443.0	406.9	372.4	336.4	299.5	262.2	224.4	187.0
-55°	514.2	481.7	448.1	413.9	380.5	347.1	313.0	278.2	243.0	207.1	172.0
-57.5°	477.2	447.3	415.2	383.5	351.7	320.3	288.9	256.3	222.8	189.2	158.4
-60°	437.8	409.3	380.5	350.4	320.9	292.6	264.1	233.4	201.8	171.2	144.5
-62.5°	394.7	369.3	342.6	315.4	289.5	264.2	238.5	209.2	180.2	154.6	130.2
-65°	350.3	327.1	303.3	280.4	257.7	234.8	210.7	184.3	160.3	137.7	115.5
-67.5°	305.3	285.6	265.3	245.1	225.2	204.3	182.3	161.1	140.5	120.3	100.6
-70°	262.3	244.9	227.6	210.5	192.6	174.1	156.5	138.4	120.3	103.0	85.5
-72.5°	220.3	206.0	191.2	176.0	161.4	146.3	130.9	115.5	100.6	85.5	70.1
-75°	179.3	167.8	156.0	143.8	131.2	118.5	106.3	93.6	80.8	67.8	56.5
-77.5°	140.8	131.3	121.4	112.4	103.1	93.1	82.5	71.4	61.9	53.0	43.5
-80°	104.7	98.1	91.4	84.3	76.2	67.7	60.2	53.0	45.9	38.4	30.4
-82.5°	71.4	66.8	62.2	57.3	51.8	46.3	40.9	35.7	29.9	23.7	19.5
-85°	40.7	37.7	34.6	31.4	28.1	24.8	22.9	20.9	18.2	15.5	13.0
-87.5°	16.8	15.9	15.1	14.2	13.3	12.4	11.4	10.5	9.1	7.8	6.5
-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: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
85°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
82.5°	16.0	13.4	10.8	8.1	5.4	2.7	0.0
80°	22.1	17.8	14.3	10.8	7.2	3.6	0.0
77.5°	33.6	24.1	17.8	13.4	8.9	4.5	0.0
75°	45.1	33.6	22.1	16.0	10.7	5.4	0.0
72.5°	56.4	43.1	29.7	18.6	12.4	6.2	0.0
70°	67.8	52.4	37.1	21.8	14.1	7.1	0.0
67.5°	80.7	61.6	44.5	27.3	15.8	7.9	0.0
65°	93.3	71.3	51.7	32.7	17.5	8.7	0.0
62.5°	105.6	81.4	58.8	38.0	19.1	9.6	0.0
60°	117.6	91.3	65.8	43.3	20.7	10.3	0.0
57.5°	129.7	100.9	73.3	48.3	24.0	11.1	0.0
55°	141.5	110.2	80.7	53.3	27.2	11.9	0.0
52.5°	153.0	119.3	87.8	58.1	30.3	12.6	0.0
50°	164.2	128.7	94.7	62.7	33.3	13.3	0.0
47.5°	175.2	137.8	101.3	67.3	36.2	14.0	0.0
45°	186.6	146.6	107.5	72.0	39.0	14.6	0.0
42.5°	197.5	155.1	113.5	76.5	41.6	15.3	0.0
40°	207.8	163.2	119.6	80.6	44.0	15.9	0.0
37.5°	217.6	170.9	125.8	84.5	46.4	16.4	0.0
35°	226.7	178.5	131.6	88.1	48.5	17.0	0.0
32.5°	235.2	185.6	137.1	91.5	50.6	17.5	0.0
30°	243.1	192.3	142.3	94.6	52.4	17.9	0.0
27.5°	250.3	198.4	146.9	97.5	54.1	18.4	0.0
25°	256.9	203.9	151.0	100.2	55.7	18.8	0.0
22.5°	262.7	208.9	154.8	102.5	57.0	19.1	0.0
20°	268.0	213.1	158.1	104.7	58.2	19.5	0.0
17.5°	272.7	216.8	161.1	106.5	59.3	19.7	0.0
15°	276.9	219.9	163.6	108.0	60.2	20.0	0.0
12.5°	280.6	222.5	165.7	109.3	60.9	20.2	0.0
10°	283.6	224.5	167.3	110.3	61.4	20.4	0.0
7.5°	286.0	226.0	168.5	111.0	61.8	20.5	0.0
5°	287.8	227.0	169.2	111.5	62.0	20.6	0.0
2.5°	288.8	227.4	169.5	111.6	62.1	20.7	0.0
0°	289.2	227.2	169.4	111.5	62.0	20.7	0.0
-2.5°	288.8	227.4	169.5	111.6	62.1	20.7	0.0
-5°	287.8	227.0	169.2	111.5	62.0	20.6	0.0
-7.5°	286.0	226.0	168.5	111.0	61.8	20.5	0.0
-10°	283.6	224.5	167.3	110.3	61.4	20.4	0.0
-12.5°	280.6	222.5	165.7	109.3	60.9	20.2	0.0
-15°	276.9	219.9	163.6	108.0	60.2	20.0	0.0
-17.5°	272.7	216.8	161.1	106.5	59.3	19.7	0.0
-20°	268.0	213.1	158.1	104.7	58.2	19.5	0.0

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REPORT NUMBER: P627207 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	262.7	208.9	154.8	102.5	57.0	19.1	0.0
-25°	256.9	203.9	151.0	100.2	55.7	18.8	0.0
-27.5°	250.3	198.4	146.9	97.5	54.1	18.4	0.0
-30°	243.1	192.3	142.3	94.6	52.4	17.9	0.0
-32.5°	235.2	185.6	137.1	91.5	50.6	17.5	0.0
-35°	226.7	178.5	131.6	88.1	48.5	17.0	0.0
-37.5°	217.6	170.9	125.8	84.5	46.4	16.4	0.0
-40°	207.8	163.2	119.6	80.6	44.0	15.9	0.0
-42.5°	197.5	155.1	113.5	76.5	41.6	15.3	0.0
-45°	186.6	146.6	107.5	72.0	39.0	14.6	0.0
-47.5°	175.2	137.8	101.3	67.3	36.2	14.0	0.0
-50°	164.2	128.7	94.7	62.7	33.3	13.3	0.0
-52.5°	153.0	119.3	87.8	58.1	30.3	12.6	0.0
-55°	141.5	110.2	80.7	53.3	27.2	11.9	0.0
-57.5°	129.7	100.9	73.3	48.3	24.0	11.1	0.0
-60°	117.6	91.3	65.8	43.3	20.7	10.3	0.0
-62.5°	105.6	81.4	58.8	38.0	19.1	9.6	0.0
-65°	93.3	71.3	51.7	32.7	17.5	8.7	0.0
-67.5°	80.7	61.6	44.5	27.3	15.8	7.9	0.0
-70°	67.8	52.4	37.1	21.8	14.1	7.1	0.0
-72.5°	56.4	43.1	29.7	18.6	12.4	6.2	0.0
-75°	45.1	33.6	22.1	16.0	10.7	5.4	0.0
-77.5°	33.6	24.1	17.8	13.4	8.9	4.5	0.0
-80°	22.1	17.8	14.3	10.8	7.2	3.6	0.0
-82.5°	16.0	13.4	10.8	8.1	5.4	2.7	0.0
-85°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
-87.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)