

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: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627287 (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-SA3E-740-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N78
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

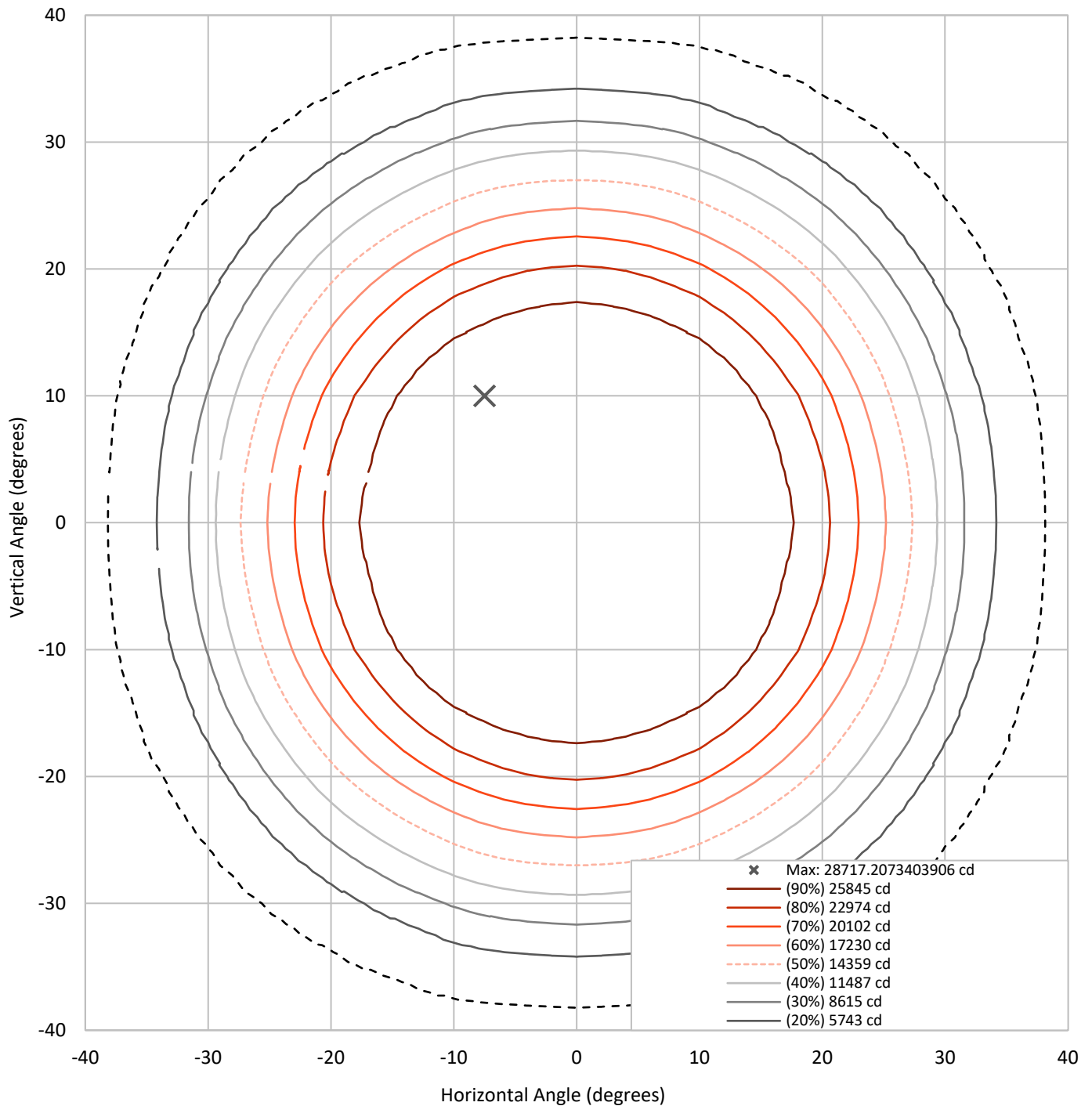
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	24441 lumens	Max Intensity:	28717.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	132.0 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:	16222.5 lumens	Field Lumens:	21093.9 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	185.2		
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





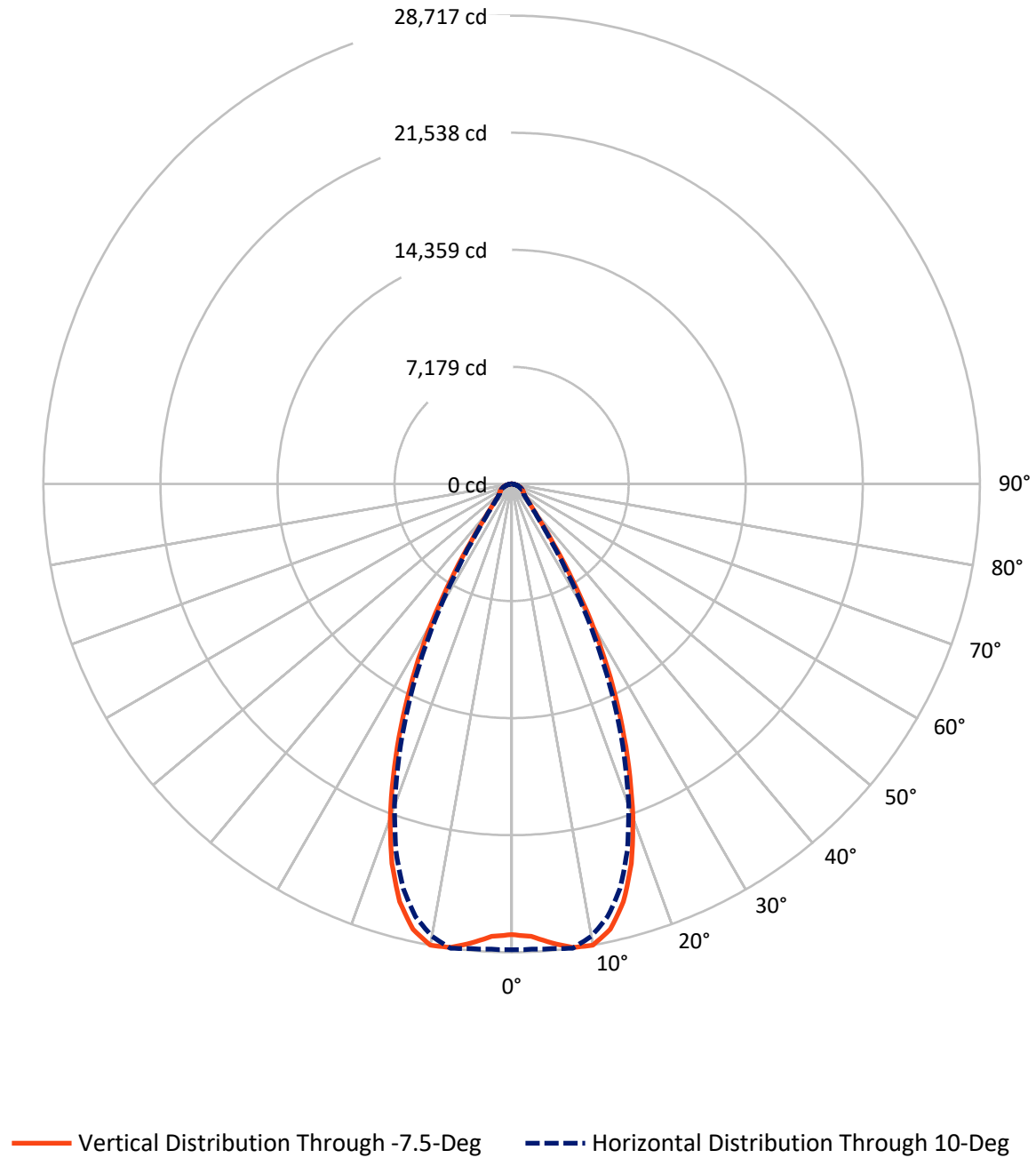
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Lumen Table

90																			
80	0.6	5.7		15.3		24.3		27.1		24.3		15.3		5.7		0.6			
70																			
60	2.6	2.9	6.0	9.8	13.7	16.6	18.8	19.9	19.9	18.8	16.6	13.7	9.8	6.0	2.9	2.6			
50		4.4	8.8	14.1	18.8	22.8	25.5	26.6	26.6	25.5	22.8	18.8	14.1	8.8	4.4				
40	4.6	5.7	11.2	17.1	22.9	29.9	37.5	43.1	43.1	37.5	29.9	22.9	17.1	11.2	5.7	4.6			
30		6.7	13.0	19.7	30.4	55.6	106.3	157.6	157.6	106.3	55.6	30.4	19.7	13.0	6.7				
20	5.9	7.5	14.1	23.0	50.1	156.9	352.0	491.5	491.5	352.0	156.9	50.1	23.0	14.1	7.5	5.9			
10		8.0	14.9	27.3	90.5	334.5	638.8	799.4	799.4	638.8	334.5	90.5	27.3	14.9	8.0				
0	6.4	8.3	15.3	30.7	130.3	457.7	774.9	843.1	843.1	774.9	457.7	130.3	30.7	15.3	8.3	6.4			
-10		8.3	15.3	30.7	130.3	457.7	774.9	843.1	843.1	774.9	457.7	130.3	30.7	15.3	8.3				
-20	5.9	8.0	14.9	27.3	90.5	334.5	638.8	799.4	799.4	638.8	334.5	90.5	27.3	14.9	8.0	5.9			
-30		7.5	14.1	23.0	50.1	156.9	352.0	491.5	491.5	352.0	156.9	50.1	23.0	14.1	7.5				
-40	4.6	6.7	13.0	19.7	30.4	55.6	106.3	157.6	157.6	106.3	55.6	30.4	19.7	13.0	6.7	4.6			
-50		5.7	11.2	17.1	22.9	29.9	37.5	43.1	43.1	37.5	29.9	22.9	17.1	11.2	5.7				
-60	2.6	4.4	8.8	14.1	18.8	22.8	25.5	26.6	26.6	25.5	22.8	18.8	14.1	8.8	4.4	2.6			
-70		2.9	6.0	9.8	13.7	16.6	18.8	19.9	19.9	18.8	16.6	13.7	9.8	6.0	2.9				
-80																			
-90	0.6	5.7		15.3		24.3		27.1		24.3		15.3		5.7		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

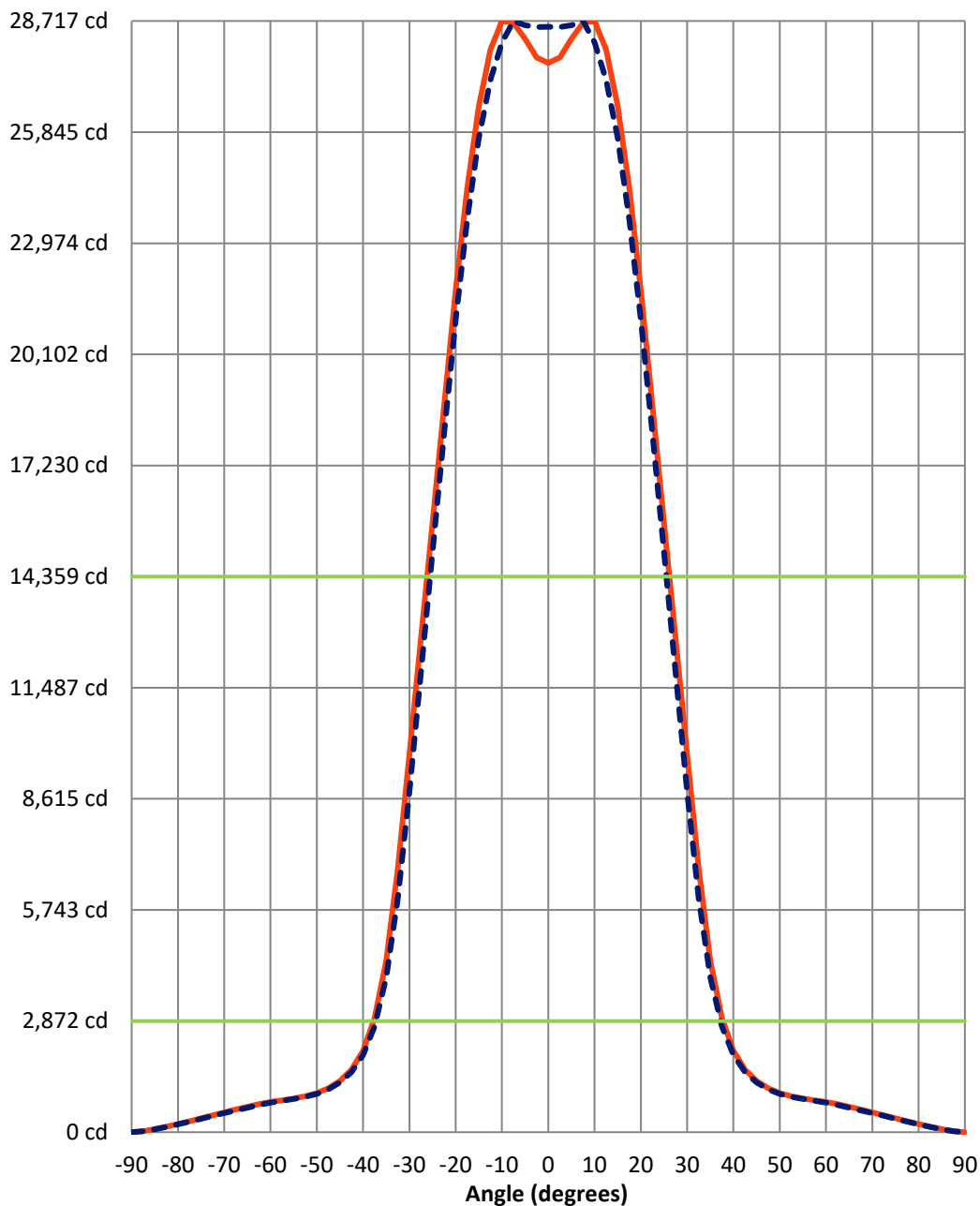
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 16222.5
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 21093.9
 Efficiency: 86.3%

Spill:
 Lumens: 3347.1
 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	1.1	2.2	3.3	4.4	5.4	6.5	7.9	9.5	11.1	12.8
85°	0.0	2.2	4.4	6.5	8.7	10.9	13.0	15.8	18.9	22.1	25.5
82.5°	0.0	3.3	6.5	9.8	13.0	16.3	19.4	23.7	28.8	36.3	43.4
80°	0.0	4.4	8.7	13.0	17.3	21.6	26.8	36.9	46.7	55.8	64.5
77.5°	0.0	5.4	10.9	16.3	21.6	29.2	40.8	52.9	64.4	75.3	86.9
75°	0.0	6.5	13.0	19.4	26.8	40.8	54.8	68.8	82.5	98.3	113.8
72.5°	0.0	7.5	15.1	22.6	36.0	52.3	68.5	85.3	104.0	122.4	140.5
70°	0.0	8.6	17.2	26.4	45.1	63.7	82.4	104.0	125.3	146.3	168.3
67.5°	0.0	9.6	19.2	33.1	54.1	74.9	98.1	122.4	146.3	170.9	196.0
65°	0.0	10.6	21.2	39.7	62.9	86.7	113.5	140.5	167.4	195.0	224.2
62.5°	0.0	11.6	23.2	46.2	71.5	99.0	128.5	158.4	188.1	219.2	254.5
60°	0.0	12.5	25.1	52.6	80.0	111.1	143.1	175.8	208.3	245.5	284.0
57.5°	0.0	13.5	29.1	58.8	89.2	122.8	157.7	192.7	230.1	271.1	311.8
55°	0.0	14.4	33.1	64.8	98.1	134.1	172.1	209.3	251.9	295.7	338.5
52.5°	0.0	15.3	36.9	70.6	106.8	145.1	186.1	227.5	272.9	319.0	364.4
50°	0.0	16.1	40.5	76.3	115.1	156.6	199.7	245.3	293.1	341.6	389.5
47.5°	0.0	17.0	44.0	81.8	123.1	167.6	213.2	262.3	312.5	363.4	413.8
45°	0.0	17.7	47.4	87.6	130.8	178.3	227.1	278.6	331.1	384.3	437.1
42.5°	0.0	18.5	50.5	93.0	138.1	188.6	240.3	294.1	348.9	404.3	459.1
40°	0.0	19.2	53.5	98.1	145.5	198.5	252.9	308.8	365.8	423.5	480.3
37.5°	0.0	19.9	56.4	102.7	153.0	208.0	264.7	322.6	382.2	442.0	500.7
35°	0.0	20.6	59.0	107.2	160.1	217.2	275.8	335.5	397.7	459.3	519.7
32.5°	0.0	21.2	61.5	111.3	166.8	225.9	286.1	347.5	412.5	475.4	536.5
30°	0.0	21.7	63.7	115.1	173.1	233.9	295.7	358.8	426.4	490.3	552.1
27.5°	0.0	22.3	65.8	118.6	178.7	241.3	304.5	369.9	439.1	503.8	566.5
25°	0.0	22.7	67.7	121.9	183.7	248.1	312.5	380.2	450.2	515.8	579.7
22.5°	0.0	23.2	69.3	124.7	188.3	254.1	319.6	389.6	460.1	526.4	591.6
20°	0.0	23.6	70.8	127.3	192.4	259.2	326.0	398.1	468.9	535.9	602.3
17.5°	0.0	23.9	72.1	129.5	196.0	263.7	331.7	405.7	476.5	544.2	611.6
15°	0.0	24.2	73.2	131.5	199.0	267.5	336.9	412.4	483.0	551.4	619.6
12.5°	0.0	24.5	74.0	133.0	201.5	270.7	341.3	418.4	488.7	557.2	626.3
10°	0.0	24.7	74.7	134.2	203.5	273.2	345.0	423.4	493.7	562.8	631.9
7.5°	0.0	24.9	75.2	135.1	205.0	275.0	347.9	427.2	497.6	567.2	636.9
5°	0.0	25.0	75.4	135.7	205.9	276.1	350.1	430.0	500.4	570.4	640.4
2.5°	0.0	25.1	75.5	135.9	206.3	276.6	351.4	431.6	502.0	572.3	642.6
0°	0.0	25.1	75.4	135.7	206.1	276.4	351.8	432.2	502.6	572.9	643.3
-2.5°	0.0	25.1	75.5	135.9	206.3	276.6	351.4	431.6	502.0	572.3	642.6
-5°	0.0	25.0	75.4	135.7	205.9	276.1	350.1	430.0	500.4	570.4	640.4
-7.5°	0.0	24.9	75.2	135.1	205.0	275.0	347.9	427.2	497.6	567.2	636.9
-10°	0.0	24.7	74.7	134.2	203.5	273.2	345.0	423.4	493.7	562.8	631.9
-12.5°	0.0	24.5	74.0	133.0	201.5	270.7	341.3	418.4	488.7	557.2	626.3
-15°	0.0	24.2	73.2	131.5	199.0	267.5	336.9	412.4	483.0	551.4	619.6
-17.5°	0.0	23.9	72.1	129.5	196.0	263.7	331.7	405.7	476.5	544.2	611.6
-20°	0.0	23.6	70.8	127.3	192.4	259.2	326.0	398.1	468.9	535.9	602.3

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Scaled Data Report



REPORT NUMBER: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.2	69.3	124.7	188.3	254.1	319.6	389.6	460.1	526.4	591.6
-25°	0.0	22.7	67.7	121.9	183.7	248.1	312.5	380.2	450.2	515.8	579.7
-27.5°	0.0	22.3	65.8	118.6	178.7	241.3	304.5	369.9	439.1	503.8	566.5
-30°	0.0	21.7	63.7	115.1	173.1	233.9	295.7	358.8	426.4	490.3	552.1
-32.5°	0.0	21.2	61.5	111.3	166.8	225.9	286.1	347.5	412.5	475.4	536.5
-35°	0.0	20.6	59.0	107.2	160.1	217.2	275.8	335.5	397.7	459.3	519.7
-37.5°	0.0	19.9	56.4	102.7	153.0	208.0	264.7	322.6	382.2	442.0	500.7
-40°	0.0	19.2	53.5	98.1	145.5	198.5	252.9	308.8	365.8	423.5	480.3
-42.5°	0.0	18.5	50.5	93.0	138.1	188.6	240.3	294.1	348.9	404.3	459.1
-45°	0.0	17.7	47.4	87.6	130.8	178.3	227.1	278.6	331.1	384.3	437.1
-47.5°	0.0	17.0	44.0	81.8	123.1	167.6	213.2	262.3	312.5	363.4	413.8
-50°	0.0	16.1	40.5	76.3	115.1	156.6	199.7	245.3	293.1	341.6	389.5
-52.5°	0.0	15.3	36.9	70.6	106.8	145.1	186.1	227.5	272.9	319.0	364.4
-55°	0.0	14.4	33.1	64.8	98.1	134.1	172.1	209.3	251.9	295.7	338.5
-57.5°	0.0	13.5	29.1	58.8	89.2	122.8	157.7	192.7	230.1	271.1	311.8
-60°	0.0	12.5	25.1	52.6	80.0	111.1	143.1	175.8	208.3	245.5	284.0
-62.5°	0.0	11.6	23.2	46.2	71.5	99.0	128.5	158.4	188.1	219.2	254.5
-65°	0.0	10.6	21.2	39.7	62.9	86.7	113.5	140.5	167.4	195.0	224.2
-67.5°	0.0	9.6	19.2	33.1	54.1	74.9	98.1	122.4	146.3	170.9	196.0
-70°	0.0	8.6	17.2	26.4	45.1	63.7	82.4	104.0	125.3	146.3	168.3
-72.5°	0.0	7.5	15.1	22.6	36.0	52.3	68.5	85.3	104.0	122.4	140.5
-75°	0.0	6.5	13.0	19.4	26.8	40.8	54.8	68.8	82.5	98.3	113.8
-77.5°	0.0	5.4	10.9	16.3	21.6	29.2	40.8	52.9	64.4	75.3	86.9
-80°	0.0	4.4	8.7	13.0	17.3	21.6	26.8	36.9	46.7	55.8	64.5
-82.5°	0.0	3.3	6.5	9.8	13.0	16.3	19.4	23.7	28.8	36.3	43.4
-85°	0.0	2.2	4.4	6.5	8.7	10.9	13.0	15.8	18.9	22.1	25.5
-87.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.9	9.5	11.1	12.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA3E-740-U-MWR-XX

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°	13.9	15.1	16.2	17.3	18.4	19.4	20.4	21.4	22.3	23.1	24.0
85°	27.9	30.2	34.2	38.3	42.2	45.9	49.5	53.0	56.3	59.5	62.5
82.5°	49.8	56.3	63.0	69.7	75.6	81.3	86.8	92.5	98.2	103.9	109.6
80°	73.2	82.3	92.7	102.5	111.2	119.4	127.3	134.9	143.2	152.1	161.1
77.5°	100.3	113.2	125.4	136.8	147.7	159.7	171.3	182.4	194.0	205.4	216.4
75°	129.3	144.1	159.6	174.9	189.8	204.2	218.2	232.5	247.0	261.4	275.1
72.5°	159.3	178.0	196.3	214.2	232.6	250.6	268.0	284.8	302.0	319.6	336.5
70°	190.4	211.8	234.4	256.1	276.9	297.9	319.2	339.6	359.6	380.0	400.2
67.5°	221.8	248.6	274.1	298.2	322.7	347.5	371.4	395.8	419.4	443.2	465.9
65°	256.3	285.7	313.5	341.2	369.0	398.0	426.2	453.5	480.9	507.5	531.4
62.5°	290.2	321.4	352.2	383.7	416.8	449.3	480.2	511.5	543.4	571.2	595.4
60°	321.4	356.0	390.4	426.3	462.9	498.0	532.6	566.6	600.9	632.8	652.6
57.5°	351.5	389.7	427.9	466.5	505.1	544.3	580.6	617.9	649.8	676.8	699.7
55°	380.8	422.3	463.0	503.5	545.2	586.0	625.6	661.1	692.2	714.7	736.8
52.5°	409.3	453.1	495.1	538.9	583.2	626.5	667.9	700.9	726.4	749.4	770.0
50°	437.0	481.5	525.8	573.4	620.1	666.0	704.9	733.7	759.7	782.0	803.7
47.5°	462.8	509.3	556.7	606.7	655.9	700.2	735.9	766.1	792.7	816.8	842.4
45°	487.8	537.1	587.1	638.7	689.0	731.9	766.3	798.8	823.6	850.9	880.2
42.5°	512.0	563.8	616.2	669.5	720.3	760.4	794.8	824.6	853.8	886.1	921.5
40°	535.0	589.0	643.7	699.2	749.8	785.3	819.0	850.6	886.1	924.4	965.4
37.5°	556.6	612.6	669.4	727.1	771.6	808.1	842.6	877.8	919.0	963.5	1019.2
35°	576.8	634.7	693.4	748.7	791.0	829.8	865.5	904.8	952.9	1011.0	1082.3
32.5°	595.5	655.0	715.5	766.3	808.9	849.2	885.9	934.9	992.7	1061.9	1162.9
30°	612.7	673.7	734.4	783.5	825.1	865.5	910.2	965.4	1033.0	1134.0	1263.2
27.5°	628.7	690.6	749.2	797.8	839.5	881.2	933.5	1000.4	1089.4	1209.9	1370.6
25°	643.4	706.8	763.4	809.8	852.9	899.2	955.9	1031.2	1148.2	1303.9	1520.9
22.5°	656.7	721.5	777.0	820.2	865.5	915.6	981.8	1075.9	1210.9	1392.6	1672.6
20°	668.5	732.5	787.2	830.0	877.1	929.1	1004.8	1118.4	1281.2	1516.5	1873.8
17.5°	679.0	742.2	794.8	839.4	888.4	944.5	1027.3	1155.1	1343.6	1624.5	2077.3
15°	687.9	750.5	801.2	847.5	898.2	962.1	1058.5	1203.2	1416.1	1736.9	2254.6
12.5°	695.3	757.3	806.5	854.1	906.3	976.9	1085.2	1248.5	1491.4	1874.9	2515.9
10°	701.1	762.6	810.5	859.2	912.6	988.7	1106.9	1285.6	1553.7	1994.5	2738.7
7.5°	706.5	766.6	813.3	862.7	917.1	997.4	1123.4	1314.1	1601.5	2088.4	2915.1
5°	710.5	768.9	814.9	864.8	920.9	1003.2	1134.6	1333.9	1634.5	2155.5	3039.2
2.5°	712.9	769.7	815.2	865.4	923.7	1005.7	1140.4	1344.9	1660.5	2187.3	3105.9
0°	713.7	768.9	814.2	864.4	924.7	1005.1	1140.8	1346.9	1673.6	2186.2	3115.9
-2.5°	712.9	769.7	815.2	865.4	923.7	1005.7	1140.4	1344.9	1660.5	2187.3	3105.9
-5°	710.5	768.9	814.9	864.8	920.9	1003.2	1134.6	1333.9	1634.5	2155.5	3039.2
-7.5°	706.5	766.6	813.3	862.7	917.1	997.4	1123.4	1314.1	1601.5	2088.4	2915.1
-10°	701.1	762.6	810.5	859.2	912.6	988.7	1106.9	1285.6	1553.7	1994.5	2738.7
-12.5°	695.3	757.3	806.5	854.1	906.3	976.9	1085.2	1248.5	1491.4	1874.9	2515.9
-15°	687.9	750.5	801.2	847.5	898.2	962.1	1058.5	1203.2	1416.1	1736.9	2254.6
-17.5°	679.0	742.2	794.8	839.4	888.4	944.5	1027.3	1155.1	1343.6	1624.5	2077.3
-20°	668.5	732.5	787.2	830.0	877.1	929.1	1004.8	1118.4	1281.2	1516.5	1873.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	656.7	721.5	777.0	820.2	865.5	915.6	981.8	1075.9	1210.9	1392.6	1672.6
-25°	643.4	706.8	763.4	809.8	852.9	899.2	955.9	1031.2	1148.2	1303.9	1520.9
-27.5°	628.7	690.6	749.2	797.8	839.5	881.2	933.5	1000.4	1089.4	1209.9	1370.6
-30°	612.7	673.7	734.4	783.5	825.1	865.5	910.2	965.4	1033.0	1134.0	1263.2
-32.5°	595.5	655.0	715.5	766.3	808.9	849.2	885.9	934.9	992.7	1061.9	1162.9
-35°	576.8	634.7	693.4	748.7	791.0	829.8	865.5	904.8	952.9	1011.0	1082.3
-37.5°	556.6	612.6	669.4	727.1	771.6	808.1	842.6	877.8	919.0	963.5	1019.2
-40°	535.0	589.0	643.7	699.2	749.8	785.3	819.0	850.6	886.1	924.4	965.4
-42.5°	512.0	563.8	616.2	669.5	720.3	760.4	794.8	824.6	853.8	886.1	921.5
-45°	487.8	537.1	587.1	638.7	689.0	731.9	766.3	798.8	823.6	850.9	880.2
-47.5°	462.8	509.3	556.7	606.7	655.9	700.2	735.9	766.1	792.7	816.8	842.4
-50°	437.0	481.5	525.8	573.4	620.1	666.0	704.9	733.7	759.7	782.0	803.7
-52.5°	409.3	453.1	495.1	538.9	583.2	626.5	667.9	700.9	726.4	749.4	770.0
-55°	380.8	422.3	463.0	503.5	545.2	586.0	625.6	661.1	692.2	714.7	736.8
-57.5°	351.5	389.7	427.9	466.5	505.1	544.3	580.6	617.9	649.8	676.8	699.7
-60°	321.4	356.0	390.4	426.3	462.9	498.0	532.6	566.6	600.9	632.8	652.6
-62.5°	290.2	321.4	352.2	383.7	416.8	449.3	480.2	511.5	543.4	571.2	595.4
-65°	256.3	285.7	313.5	341.2	369.0	398.0	426.2	453.5	480.9	507.5	531.4
-67.5°	221.8	248.6	274.1	298.2	322.7	347.5	371.4	395.8	419.4	443.2	465.9
-70°	190.4	211.8	234.4	256.1	276.9	297.9	319.2	339.6	359.6	380.0	400.2
-72.5°	159.3	178.0	196.3	214.2	232.6	250.6	268.0	284.8	302.0	319.6	336.5
-75°	129.3	144.1	159.6	174.9	189.8	204.2	218.2	232.5	247.0	261.4	275.1
-77.5°	100.3	113.2	125.4	136.8	147.7	159.7	171.3	182.4	194.0	205.4	216.4
-80°	73.2	82.3	92.7	102.5	111.2	119.4	127.3	134.9	143.2	152.1	161.1
-82.5°	49.8	56.3	63.0	69.7	75.6	81.3	86.8	92.5	98.2	103.9	109.6
-85°	27.9	30.2	34.2	38.3	42.2	45.9	49.5	53.0	56.3	59.5	62.5
-87.5°	13.9	15.1	16.2	17.3	18.4	19.4	20.4	21.4	22.3	23.1	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: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	24.7	24.4	24.0	23.4	22.8	24.4	26.0	27.6	29.2	28.2	27.2
85°	65.4	66.9	68.1	69.2	70.1	73.2	76.2	79.0	81.6	81.5	81.2
82.5°	115.1	118.8	122.0	124.8	127.4	131.0	134.3	137.1	139.5	141.3	142.8
80°	169.6	175.6	180.8	185.5	189.7	194.5	199.0	202.9	206.4	208.3	209.5
77.5°	227.2	236.0	243.8	251.3	258.4	265.5	271.9	277.6	282.6	283.8	283.5
75°	288.2	300.0	311.1	321.3	330.8	338.9	345.8	351.6	356.3	358.7	360.0
72.5°	352.5	367.0	380.0	391.8	401.8	410.2	417.5	423.8	429.1	432.5	434.5
70°	419.5	436.7	450.1	461.1	469.7	478.1	487.4	496.3	504.7	509.4	511.2
67.5°	486.7	504.5	516.8	526.8	534.7	542.9	554.7	565.3	574.8	581.2	585.2
65°	552.5	571.2	583.5	593.2	600.4	608.6	621.8	632.3	640.4	646.7	652.5
62.5°	617.5	636.4	650.1	661.5	672.0	681.1	691.9	700.8	707.7	714.0	721.1
60°	673.8	696.2	710.6	722.2	735.3	749.4	757.3	764.0	769.7	774.8	779.2
57.5°	719.8	739.8	758.3	772.2	785.8	798.9	808.3	814.5	819.6	823.4	824.8
55°	758.3	778.9	799.5	814.6	828.0	840.3	850.6	858.7	865.4	870.7	872.0
52.5°	792.7	815.9	836.1	853.6	871.3	885.8	897.1	908.1	917.8	925.5	928.9
50°	830.2	854.5	879.8	903.2	922.0	938.5	952.3	967.8	984.3	997.8	1006.4
47.5°	869.7	897.7	928.2	957.0	979.3	1003.8	1026.5	1049.7	1080.2	1105.8	1124.9
45°	911.0	947.0	981.7	1018.3	1049.1	1095.3	1138.1	1174.9	1223.9	1268.2	1303.5
42.5°	959.8	1004.5	1047.2	1105.8	1167.1	1230.1	1298.3	1356.5	1432.9	1510.8	1573.6
40°	1017.5	1074.6	1149.9	1228.5	1325.4	1412.1	1529.7	1634.5	1751.9	1900.2	2022.8
37.5°	1087.0	1175.1	1279.7	1389.3	1540.4	1684.7	1879.1	2084.0	2269.9	2555.3	2795.4
35°	1177.3	1300.5	1438.2	1632.3	1846.0	2116.4	2419.7	2815.4	3154.8	3636.2	4096.3
32.5°	1293.7	1452.0	1676.9	1976.5	2292.5	2783.3	3264.6	3951.8	4588.0	5351.0	6174.5
30°	1423.2	1664.1	2007.7	2418.7	3008.0	3730.2	4578.6	5634.0	6788.9	7861.4	8918.1
27.5°	1610.8	1956.0	2407.4	3070.6	3989.1	4999.4	6485.9	7918.5	9413.2	10741.8	11850.0
25°	1829.9	2286.0	2984.2	3960.7	5202.8	6932.8	8712.2	10480.3	12087.8	13478.8	14703.2
22.5°	2112.7	2768.8	3699.6	4964.4	6898.6	8972.1	11058.7	13009.0	14723.7	16272.6	17598.0
20°	2420.5	3241.4	4570.6	6456.6	8668.6	11030.9	13386.9	15464.4	17352.4	19108.6	20602.4
17.5°	2810.5	3960.2	5643.3	7905.9	10463.2	13051.5	15526.6	17781.1	19923.1	21781.5	23342.3
15°	3142.8	4593.2	6789.9	9443.4	12209.6	14939.9	17552.9	20001.8	22228.8	24135.6	25602.8
12.5°	3586.2	5302.6	7807.9	10765.2	13762.8	16635.6	19388.0	21919.1	24185.4	26071.2	27213.4
10°	4005.2	6037.1	8791.8	11875.9	14990.1	18051.0	20989.8	23585.7	25689.8	27190.0	28163.4
7.5°	4361.6	6668.3	9592.2	12773.7	15965.3	19165.4	22140.2	24665.9	26606.1	27858.9	28536.5
5°	4627.6	7140.2	10186.3	13503.2	16778.2	20034.5	22986.1	25357.1	27034.0	27964.7	28304.9
2.5°	4797.1	7417.3	10531.1	13981.8	17322.3	20584.4	23566.4	25900.2	27322.9	27939.8	27998.4
0°	4864.9	7453.1	10584.2	14232.8	17459.4	20741.1	23731.4	26123.7	27430.4	27938.0	27927.9
-2.5°	4797.1	7417.3	10531.1	13981.8	17322.3	20584.4	23566.4	25900.2	27322.9	27939.8	27998.4
-5°	4627.6	7140.2	10186.3	13503.2	16778.2	20034.5	22986.1	25357.1	27034.0	27964.7	28304.9
-7.5°	4361.6	6668.3	9592.2	12773.7	15965.3	19165.4	22140.2	24665.9	26606.1	27858.9	28536.5
-10°	4005.2	6037.1	8791.8	11875.9	14990.1	18051.0	20989.8	23585.7	25689.8	27190.0	28163.4
-12.5°	3586.2	5302.6	7807.9	10765.2	13762.8	16635.6	19388.0	21919.1	24185.4	26071.2	27213.4
-15°	3142.8	4593.2	6789.9	9443.4	12209.6	14939.9	17552.9	20001.8	22228.8	24135.6	25602.8
-17.5°	2810.5	3960.2	5643.3	7905.9	10463.2	13051.5	15526.6	17781.1	19923.1	21781.5	23342.3
-20°	2420.5	3241.4	4570.6	6456.6	8668.6	11030.9	13386.9	15464.4	17352.4	19108.6	20602.4



REPORT NUMBER: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2112.7	2768.8	3699.6	4964.4	6898.6	8972.1	11058.7	13009.0	14723.7	16272.6	17598.0
-25°	1829.9	2286.0	2984.2	3960.7	5202.8	6932.8	8712.2	10480.3	12087.8	13478.8	14703.2
-27.5°	1610.8	1956.0	2407.4	3070.6	3989.1	4999.4	6485.9	7918.5	9413.2	10741.8	11850.0
-30°	1423.2	1664.1	2007.7	2418.7	3008.0	3730.2	4578.6	5634.0	6788.9	7861.4	8918.1
-32.5°	1293.7	1452.0	1676.9	1976.5	2292.5	2783.3	3264.6	3951.8	4588.0	5351.0	6174.5
-35°	1177.3	1300.5	1438.2	1632.3	1846.0	2116.4	2419.7	2815.4	3154.8	3636.2	4096.3
-37.5°	1087.0	1175.1	1279.7	1389.3	1540.4	1684.7	1879.1	2084.0	2269.9	2555.3	2795.4
-40°	1017.5	1074.6	1149.9	1228.5	1325.4	1412.1	1529.7	1634.5	1751.9	1900.2	2022.8
-42.5°	959.8	1004.5	1047.2	1105.8	1167.1	1230.1	1298.3	1356.5	1432.9	1510.8	1573.6
-45°	911.0	947.0	981.7	1018.3	1049.1	1095.3	1138.1	1174.9	1223.9	1268.2	1303.5
-47.5°	869.7	897.7	928.2	957.0	979.3	1003.8	1026.5	1049.7	1080.2	1105.8	1124.9
-50°	830.2	854.5	879.8	903.2	922.0	938.5	952.3	967.8	984.3	997.8	1006.4
-52.5°	792.7	815.9	836.1	853.6	871.3	885.8	897.1	908.1	917.8	925.5	928.9
-55°	758.3	778.9	799.5	814.6	828.0	840.3	850.6	858.7	865.4	870.7	872.0
-57.5°	719.8	739.8	758.3	772.2	785.8	798.9	808.3	814.5	819.6	823.4	824.8
-60°	673.8	696.2	710.6	722.2	735.3	749.4	757.3	764.0	769.7	774.8	779.2
-62.5°	617.5	636.4	650.1	661.5	672.0	681.1	691.9	700.8	707.7	714.0	721.1
-65°	552.5	571.2	583.5	593.2	600.4	608.6	621.8	632.3	640.4	646.7	652.5
-67.5°	486.7	504.5	516.8	526.8	534.7	542.9	554.7	565.3	574.8	581.2	585.2
-70°	419.5	436.7	450.1	461.1	469.7	478.1	487.4	496.3	504.7	509.4	511.2
-72.5°	352.5	367.0	380.0	391.8	401.8	410.2	417.5	423.8	429.1	432.5	434.5
-75°	288.2	300.0	311.1	321.3	330.8	338.9	345.8	351.6	356.3	358.7	360.0
-77.5°	227.2	236.0	243.8	251.3	258.4	265.5	271.9	277.6	282.6	283.8	283.5
-80°	169.6	175.6	180.8	185.5	189.7	194.5	199.0	202.9	206.4	208.3	209.5
-82.5°	115.1	118.8	122.0	124.8	127.4	131.0	134.3	137.1	139.5	141.3	142.8
-85°	65.4	66.9	68.1	69.2	70.1	73.2	76.2	79.0	81.6	81.5	81.2
-87.5°	24.7	24.4	24.0	23.4	22.8	24.4	26.0	27.6	29.2	28.2	27.2
-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: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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°	26.2	25.0	25.1	25.1	25.1	25.0	26.2	27.2	28.2	29.2	27.6
85°	80.7	80.0	77.8	75.4	77.8	80.0	80.7	81.2	81.5	81.6	79.0
82.5°	144.0	145.0	143.0	140.7	143.0	145.0	144.0	142.8	141.3	139.5	137.1
80°	210.1	210.1	208.4	206.1	208.4	210.1	210.1	209.5	208.3	206.4	202.9
77.5°	282.3	280.2	281.0	281.4	281.0	280.2	282.3	283.5	283.8	282.6	277.6
75°	360.5	360.2	359.0	356.8	359.0	360.2	360.5	360.0	358.7	356.3	351.6
72.5°	435.4	435.4	434.3	432.2	434.3	435.4	435.4	434.5	432.5	429.1	423.8
70°	511.6	510.7	512.0	512.6	512.0	510.7	511.6	511.2	509.4	504.7	496.3
67.5°	588.3	590.3	590.0	588.0	590.0	590.3	588.3	585.2	581.2	574.8	565.3
65°	657.1	660.5	662.7	663.4	662.7	660.5	657.1	652.5	646.7	640.4	632.3
62.5°	726.6	730.6	730.8	728.7	730.8	730.6	726.6	721.1	714.0	707.7	700.8
60°	781.6	782.2	781.3	779.0	781.3	782.2	781.6	779.2	774.8	769.7	764.0
57.5°	824.8	823.3	821.6	819.2	821.6	823.3	824.8	824.8	823.4	819.6	814.5
55°	871.3	868.8	866.8	864.4	866.8	868.8	871.3	872.0	870.7	865.4	858.7
52.5°	929.6	928.4	926.9	924.7	926.9	928.4	929.6	928.9	925.5	917.8	908.1
50°	1010.7	1012.0	1011.9	1010.2	1011.9	1012.0	1010.7	1006.4	997.8	984.3	967.8
47.5°	1136.9	1143.6	1148.2	1150.9	1148.2	1143.6	1136.9	1124.9	1105.8	1080.2	1049.7
45°	1326.0	1339.5	1349.0	1356.9	1349.0	1339.5	1326.0	1303.5	1268.2	1223.9	1174.9
42.5°	1617.9	1647.9	1662.1	1658.5	1662.1	1647.9	1617.9	1573.6	1510.8	1432.9	1356.5
40°	2104.5	2153.0	2179.9	2201.3	2179.9	2153.0	2104.5	2022.8	1900.2	1751.9	1634.5
37.5°	2959.3	3053.4	3103.0	3146.1	3103.0	3053.4	2959.3	2795.4	2555.3	2269.9	2084.0
35°	4440.0	4651.8	4765.2	4804.6	4765.2	4651.8	4440.0	4096.3	3636.2	3154.8	2815.4
32.5°	6815.3	7205.9	7421.9	7588.8	7421.9	7205.9	6815.3	6174.5	5351.0	4588.0	3951.8
30°	9754.9	10269.4	10555.2	10694.7	10555.2	10269.4	9754.9	8918.1	7861.4	6788.9	5634.0
27.5°	12768.4	13353.4	13661.4	13644.8	13661.4	13353.4	12768.4	11850.0	10741.8	9413.2	7918.5
25°	15752.8	16430.3	16737.3	17012.1	16737.3	16430.3	15752.8	14703.2	13478.8	12087.8	10480.3
22.5°	18771.2	19563.4	19995.6	20198.4	19995.6	19563.4	18771.2	17598.0	16272.6	14723.7	13009.0
20°	21753.6	22635.5	23094.4	23294.2	23094.4	22635.5	21753.6	20602.4	19108.6	17352.4	15464.4
17.5°	24398.7	25259.7	25697.1	25882.5	25697.1	25259.7	24398.7	23342.3	21781.5	19923.1	17781.1
15°	26510.8	27145.8	27517.8	27616.3	27517.8	27145.8	26510.8	25602.8	24135.6	22228.8	20001.8
12.5°	27970.8	28216.8	28395.7	28450.6	28395.7	28216.8	27970.8	27213.4	26071.2	24185.4	21919.1
10°	28717.2	28606.2	28560.4	28566.2	28560.4	28606.2	28717.2	28163.4	27190.0	25689.8	23585.7
7.5°	28665.9	28501.5	28171.5	28118.9	28171.5	28501.5	28665.9	28536.5	27858.9	26606.1	24665.9
5°	28254.0	27954.8	27407.0	27249.5	27407.0	27954.8	28254.0	28304.9	27964.7	27034.0	25357.1
2.5°	27774.0	27234.6	26729.9	26405.1	26729.9	27234.6	27774.0	27998.4	27939.8	27322.9	25900.2
0°	27631.4	27008.2	26354.9	26143.8	26354.9	27008.2	27631.4	27927.9	27938.0	27430.4	26123.7
-2.5°	27774.0	27234.6	26729.9	26405.1	26729.9	27234.6	27774.0	27998.4	27939.8	27322.9	25900.2
-5°	28254.0	27954.8	27407.0	27249.5	27407.0	27954.8	28254.0	28304.9	27964.7	27034.0	25357.1
-7.5°	28665.9	28501.5	28171.5	28118.9	28171.5	28501.5	28665.9	28536.5	27858.9	26606.1	24665.9
-10°	28717.2	28606.2	28560.4	28566.2	28560.4	28606.2	28717.2	28163.4	27190.0	25689.8	23585.7
-12.5°	27970.8	28216.8	28395.7	28450.6	28395.7	28216.8	27970.8	27213.4	26071.2	24185.4	21919.1
-15°	26510.8	27145.8	27517.8	27616.3	27517.8	27145.8	26510.8	25602.8	24135.6	22228.8	20001.8
-17.5°	24398.7	25259.7	25697.1	25882.5	25697.1	25259.7	24398.7	23342.3	21781.5	19923.1	17781.1
-20°	21753.6	22635.5	23094.4	23294.2	23094.4	22635.5	21753.6	20602.4	19108.6	17352.4	15464.4



REPORT NUMBER: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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°	18771.2	19563.4	19995.6	20198.4	19995.6	19563.4	18771.2	17598.0	16272.6	14723.7	13009.0
-25°	15752.8	16430.3	16737.3	17012.1	16737.3	16430.3	15752.8	14703.2	13478.8	12087.8	10480.3
-27.5°	12768.4	13353.4	13661.4	13644.8	13661.4	13353.4	12768.4	11850.0	10741.8	9413.2	7918.5
-30°	9754.9	10269.4	10555.2	10694.7	10555.2	10269.4	9754.9	8918.1	7861.4	6788.9	5634.0
-32.5°	6815.3	7205.9	7421.9	7588.8	7421.9	7205.9	6815.3	6174.5	5351.0	4588.0	3951.8
-35°	4440.0	4651.8	4765.2	4804.6	4765.2	4651.8	4440.0	4096.3	3636.2	3154.8	2815.4
-37.5°	2959.3	3053.4	3103.0	3146.1	3103.0	3053.4	2959.3	2795.4	2555.3	2269.9	2084.0
-40°	2104.5	2153.0	2179.9	2201.3	2179.9	2153.0	2104.5	2022.8	1900.2	1751.9	1634.5
-42.5°	1617.9	1647.9	1662.1	1658.5	1662.1	1647.9	1617.9	1573.6	1510.8	1432.9	1356.5
-45°	1326.0	1339.5	1349.0	1356.9	1349.0	1339.5	1326.0	1303.5	1268.2	1223.9	1174.9
-47.5°	1136.9	1143.6	1148.2	1150.9	1148.2	1143.6	1136.9	1124.9	1105.8	1080.2	1049.7
-50°	1010.7	1012.0	1011.9	1010.2	1011.9	1012.0	1010.7	1006.4	997.8	984.3	967.8
-52.5°	929.6	928.4	926.9	924.7	926.9	928.4	929.6	928.9	925.5	917.8	908.1
-55°	871.3	868.8	866.8	864.4	866.8	868.8	871.3	872.0	870.7	865.4	858.7
-57.5°	824.8	823.3	821.6	819.2	821.6	823.3	824.8	824.8	823.4	819.6	814.5
-60°	781.6	782.2	781.3	779.0	781.3	782.2	781.6	779.2	774.8	769.7	764.0
-62.5°	726.6	730.6	730.8	728.7	730.8	730.6	726.6	721.1	714.0	707.7	700.8
-65°	657.1	660.5	662.7	663.4	662.7	660.5	657.1	652.5	646.7	640.4	632.3
-67.5°	588.3	590.3	590.0	588.0	590.0	590.3	588.3	585.2	581.2	574.8	565.3
-70°	511.6	510.7	512.0	512.6	512.0	510.7	511.6	511.2	509.4	504.7	496.3
-72.5°	435.4	435.4	434.3	432.2	434.3	435.4	435.4	434.5	432.5	429.1	423.8
-75°	360.5	360.2	359.0	356.8	359.0	360.2	360.5	360.0	358.7	356.3	351.6
-77.5°	282.3	280.2	281.0	281.4	281.0	280.2	282.3	283.5	283.8	282.6	277.6
-80°	210.1	210.1	208.4	206.1	208.4	210.1	210.1	209.5	208.3	206.4	202.9
-82.5°	144.0	145.0	143.0	140.7	143.0	145.0	144.0	142.8	141.3	139.5	137.1
-85°	80.7	80.0	77.8	75.4	77.8	80.0	80.7	81.2	81.5	81.6	79.0
-87.5°	26.2	25.0	25.1	25.1	25.1	25.0	26.2	27.2	28.2	29.2	27.6
-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: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	26.0	24.4	22.8	23.4	24.0	24.4	24.7	24.0	23.1	22.3	21.4
85°	76.2	73.2	70.1	69.2	68.1	66.9	65.4	62.5	59.5	56.3	53.0
82.5°	134.3	131.0	127.4	124.8	122.0	118.8	115.1	109.6	103.9	98.2	92.5
80°	199.0	194.5	189.7	185.5	180.8	175.6	169.6	161.1	152.1	143.2	134.9
77.5°	271.9	265.5	258.4	251.3	243.8	236.0	227.2	216.4	205.4	194.0	182.4
75°	345.8	338.9	330.8	321.3	311.1	300.0	288.2	275.1	261.4	247.0	232.5
72.5°	417.5	410.2	401.8	391.8	380.0	367.0	352.5	336.5	319.6	302.0	284.8
70°	487.4	478.1	469.7	461.1	450.1	436.7	419.5	400.2	380.0	359.6	339.6
67.5°	554.7	542.9	534.7	526.8	516.8	504.5	486.7	465.9	443.2	419.4	395.8
65°	621.8	608.6	600.4	593.2	583.5	571.2	552.5	531.4	507.5	480.9	453.5
62.5°	691.9	681.1	672.0	661.5	650.1	636.4	617.5	595.4	571.2	543.4	511.5
60°	757.3	749.4	735.3	722.2	710.6	696.2	673.8	652.6	632.8	600.9	566.6
57.5°	808.3	798.9	785.8	772.2	758.3	739.8	719.8	699.7	676.8	649.8	617.9
55°	850.6	840.3	828.0	814.6	799.5	778.9	758.3	736.8	714.7	692.2	661.1
52.5°	897.1	885.8	871.3	853.6	836.1	815.9	792.7	770.0	749.4	726.4	700.9
50°	952.3	938.5	922.0	903.2	879.8	854.5	830.2	803.7	782.0	759.7	733.7
47.5°	1026.5	1003.8	979.3	957.0	928.2	897.7	869.7	842.4	816.8	792.7	766.1
45°	1138.1	1095.3	1049.1	1018.3	981.7	947.0	911.0	880.2	850.9	823.6	798.8
42.5°	1298.3	1230.1	1167.1	1105.8	1047.2	1004.5	959.8	921.5	886.1	853.8	824.6
40°	1529.7	1412.1	1325.4	1228.5	1149.9	1074.6	1017.5	965.4	924.4	886.1	850.6
37.5°	1879.1	1684.7	1540.4	1389.3	1279.7	1175.1	1087.0	1019.2	963.5	919.0	877.8
35°	2419.7	2116.4	1846.0	1632.3	1438.2	1300.5	1177.3	1082.3	1011.0	952.9	904.8
32.5°	3264.6	2783.3	2292.5	1976.5	1676.9	1452.0	1293.7	1162.9	1061.9	992.7	934.9
30°	4578.6	3730.2	3008.0	2418.7	2007.7	1664.1	1423.2	1263.2	1134.0	1033.0	965.4
27.5°	6485.9	4999.4	3989.1	3070.6	2407.4	1956.0	1610.8	1370.6	1209.9	1089.4	1000.4
25°	8712.2	6932.8	5202.8	3960.7	2984.2	2286.0	1829.9	1520.9	1303.9	1148.2	1031.2
22.5°	11058.7	8972.1	6898.6	4964.4	3699.6	2768.8	2112.7	1672.6	1392.6	1210.9	1075.9
20°	13386.9	11030.9	8668.6	6456.6	4570.6	3241.4	2420.5	1873.8	1516.5	1281.2	1118.4
17.5°	15526.6	13051.5	10463.2	7905.9	5643.3	3960.2	2810.5	2077.3	1624.5	1343.6	1155.1
15°	17552.9	14939.9	12209.6	9443.4	6789.9	4593.2	3142.8	2254.6	1736.9	1416.1	1203.2
12.5°	19388.0	16635.6	13762.8	10765.2	7807.9	5302.6	3586.2	2515.9	1874.9	1491.4	1248.5
10°	20989.8	18051.0	14990.1	11875.9	8791.8	6037.1	4005.2	2738.7	1994.5	1553.7	1285.6
7.5°	22140.2	19165.4	15965.3	12773.7	9592.2	6668.3	4361.6	2915.1	2088.4	1601.5	1314.1
5°	22986.1	20034.5	16778.2	13503.2	10186.3	7140.2	4627.6	3039.2	2155.5	1634.5	1333.9
2.5°	23566.4	20584.4	17322.3	13981.8	10531.1	7417.3	4797.1	3105.9	2187.3	1660.5	1344.9
0°	23731.4	20741.1	17459.4	14232.8	10584.2	7453.1	4864.9	3115.9	2186.2	1673.6	1346.9
-2.5°	23566.4	20584.4	17322.3	13981.8	10531.1	7417.3	4797.1	3105.9	2187.3	1660.5	1344.9
-5°	22986.1	20034.5	16778.2	13503.2	10186.3	7140.2	4627.6	3039.2	2155.5	1634.5	1333.9
-7.5°	22140.2	19165.4	15965.3	12773.7	9592.2	6668.3	4361.6	2915.1	2088.4	1601.5	1314.1
-10°	20989.8	18051.0	14990.1	11875.9	8791.8	6037.1	4005.2	2738.7	1994.5	1553.7	1285.6
-12.5°	19388.0	16635.6	13762.8	10765.2	7807.9	5302.6	3586.2	2515.9	1874.9	1491.4	1248.5
-15°	17552.9	14939.9	12209.6	9443.4	6789.9	4593.2	3142.8	2254.6	1736.9	1416.1	1203.2
-17.5°	15526.6	13051.5	10463.2	7905.9	5643.3	3960.2	2810.5	2077.3	1624.5	1343.6	1155.1
-20°	13386.9	11030.9	8668.6	6456.6	4570.6	3241.4	2420.5	1873.8	1516.5	1281.2	1118.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11058.7	8972.1	6898.6	4964.4	3699.6	2768.8	2112.7	1672.6	1392.6	1210.9	1075.9
-25°	8712.2	6932.8	5202.8	3960.7	2984.2	2286.0	1829.9	1520.9	1303.9	1148.2	1031.2
-27.5°	6485.9	4999.4	3989.1	3070.6	2407.4	1956.0	1610.8	1370.6	1209.9	1089.4	1000.4
-30°	4578.6	3730.2	3008.0	2418.7	2007.7	1664.1	1423.2	1263.2	1134.0	1033.0	965.4
-32.5°	3264.6	2783.3	2292.5	1976.5	1676.9	1452.0	1293.7	1162.9	1061.9	992.7	934.9
-35°	2419.7	2116.4	1846.0	1632.3	1438.2	1300.5	1177.3	1082.3	1011.0	952.9	904.8
-37.5°	1879.1	1684.7	1540.4	1389.3	1279.7	1175.1	1087.0	1019.2	963.5	919.0	877.8
-40°	1529.7	1412.1	1325.4	1228.5	1149.9	1074.6	1017.5	965.4	924.4	886.1	850.6
-42.5°	1298.3	1230.1	1167.1	1105.8	1047.2	1004.5	959.8	921.5	886.1	853.8	824.6
-45°	1138.1	1095.3	1049.1	1018.3	981.7	947.0	911.0	880.2	850.9	823.6	798.8
-47.5°	1026.5	1003.8	979.3	957.0	928.2	897.7	869.7	842.4	816.8	792.7	766.1
-50°	952.3	938.5	922.0	903.2	879.8	854.5	830.2	803.7	782.0	759.7	733.7
-52.5°	897.1	885.8	871.3	853.6	836.1	815.9	792.7	770.0	749.4	726.4	700.9
-55°	850.6	840.3	828.0	814.6	799.5	778.9	758.3	736.8	714.7	692.2	661.1
-57.5°	808.3	798.9	785.8	772.2	758.3	739.8	719.8	699.7	676.8	649.8	617.9
-60°	757.3	749.4	735.3	722.2	710.6	696.2	673.8	652.6	632.8	600.9	566.6
-62.5°	691.9	681.1	672.0	661.5	650.1	636.4	617.5	595.4	571.2	543.4	511.5
-65°	621.8	608.6	600.4	593.2	583.5	571.2	552.5	531.4	507.5	480.9	453.5
-67.5°	554.7	542.9	534.7	526.8	516.8	504.5	486.7	465.9	443.2	419.4	395.8
-70°	487.4	478.1	469.7	461.1	450.1	436.7	419.5	400.2	380.0	359.6	339.6
-72.5°	417.5	410.2	401.8	391.8	380.0	367.0	352.5	336.5	319.6	302.0	284.8
-75°	345.8	338.9	330.8	321.3	311.1	300.0	288.2	275.1	261.4	247.0	232.5
-77.5°	271.9	265.5	258.4	251.3	243.8	236.0	227.2	216.4	205.4	194.0	182.4
-80°	199.0	194.5	189.7	185.5	180.8	175.6	169.6	161.1	152.1	143.2	134.9
-82.5°	134.3	131.0	127.4	124.8	122.0	118.8	115.1	109.6	103.9	98.2	92.5
-85°	76.2	73.2	70.1	69.2	68.1	66.9	65.4	62.5	59.5	56.3	53.0
-87.5°	26.0	24.4	22.8	23.4	24.0	24.4	24.7	24.0	23.1	22.3	21.4
-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: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	20.4	19.4	18.4	17.3	16.2	15.1	13.9	12.8	11.1	9.5	7.9
85°	49.5	45.9	42.2	38.3	34.2	30.2	27.9	25.5	22.1	18.9	15.8
82.5°	86.8	81.3	75.6	69.7	63.0	56.3	49.8	43.4	36.3	28.8	23.7
80°	127.3	119.4	111.2	102.5	92.7	82.3	73.2	64.5	55.8	46.7	36.9
77.5°	171.3	159.7	147.7	136.8	125.4	113.2	100.3	86.9	75.3	64.4	52.9
75°	218.2	204.2	189.8	174.9	159.6	144.1	129.3	113.8	98.3	82.5	68.8
72.5°	268.0	250.6	232.6	214.2	196.3	178.0	159.3	140.5	122.4	104.0	85.3
70°	319.2	297.9	276.9	256.1	234.4	211.8	190.4	168.3	146.3	125.3	104.0
67.5°	371.4	347.5	322.7	298.2	274.1	248.6	221.8	196.0	170.9	146.3	122.4
65°	426.2	398.0	369.0	341.2	313.5	285.7	256.3	224.2	195.0	167.4	140.5
62.5°	480.2	449.3	416.8	383.7	352.2	321.4	290.2	254.5	219.2	188.1	158.4
60°	532.6	498.0	462.9	426.3	390.4	356.0	321.4	284.0	245.5	208.3	175.8
57.5°	580.6	544.3	505.1	466.5	427.9	389.7	351.5	311.8	271.1	230.1	192.7
55°	625.6	586.0	545.2	503.5	463.0	422.3	380.8	338.5	295.7	251.9	209.3
52.5°	667.9	626.5	583.2	538.9	495.1	453.1	409.3	364.4	319.0	272.9	227.5
50°	704.9	666.0	620.1	573.4	525.8	481.5	437.0	389.5	341.6	293.1	245.3
47.5°	735.9	700.2	655.9	606.7	556.7	509.3	462.8	413.8	363.4	312.5	262.3
45°	766.3	731.9	689.0	638.7	587.1	537.1	487.8	437.1	384.3	331.1	278.6
42.5°	794.8	760.4	720.3	669.5	616.2	563.8	512.0	459.1	404.3	348.9	294.1
40°	819.0	785.3	749.8	699.2	643.7	589.0	535.0	480.3	423.5	365.8	308.8
37.5°	842.6	808.1	771.6	727.1	669.4	612.6	556.6	500.7	442.0	382.2	322.6
35°	865.5	829.8	791.0	748.7	693.4	634.7	576.8	519.7	459.3	397.7	335.5
32.5°	885.9	849.2	808.9	766.3	715.5	655.0	595.5	536.5	475.4	412.5	347.5
30°	910.2	865.5	825.1	783.5	734.4	673.7	612.7	552.1	490.3	426.4	358.8
27.5°	933.5	881.2	839.5	797.8	749.2	690.6	628.7	566.5	503.8	439.1	369.9
25°	955.9	899.2	852.9	809.8	763.4	706.8	643.4	579.7	515.8	450.2	380.2
22.5°	981.8	915.6	865.5	820.2	777.0	721.5	656.7	591.6	526.4	460.1	389.6
20°	1004.8	929.1	877.1	830.0	787.2	732.5	668.5	602.3	535.9	468.9	398.1
17.5°	1027.3	944.5	888.4	839.4	794.8	742.2	679.0	611.6	544.2	476.5	405.7
15°	1058.5	962.1	898.2	847.5	801.2	750.5	687.9	619.6	551.4	483.0	412.4
12.5°	1085.2	976.9	906.3	854.1	806.5	757.3	695.3	626.3	557.2	488.7	418.4
10°	1106.9	988.7	912.6	859.2	810.5	762.6	701.1	631.9	562.8	493.7	423.4
7.5°	1123.4	997.4	917.1	862.7	813.3	766.6	706.5	636.9	567.2	497.6	427.2
5°	1134.6	1003.2	920.9	864.8	814.9	768.9	710.5	640.4	570.4	500.4	430.0
2.5°	1140.4	1005.7	923.7	865.4	815.2	769.7	712.9	642.6	572.3	502.0	431.6
0°	1140.8	1005.1	924.7	864.4	814.2	768.9	713.7	643.3	572.9	502.6	432.2
-2.5°	1140.4	1005.7	923.7	865.4	815.2	769.7	712.9	642.6	572.3	502.0	431.6
-5°	1134.6	1003.2	920.9	864.8	814.9	768.9	710.5	640.4	570.4	500.4	430.0
-7.5°	1123.4	997.4	917.1	862.7	813.3	766.6	706.5	636.9	567.2	497.6	427.2
-10°	1106.9	988.7	912.6	859.2	810.5	762.6	701.1	631.9	562.8	493.7	423.4
-12.5°	1085.2	976.9	906.3	854.1	806.5	757.3	695.3	626.3	557.2	488.7	418.4
-15°	1058.5	962.1	898.2	847.5	801.2	750.5	687.9	619.6	551.4	483.0	412.4
-17.5°	1027.3	944.5	888.4	839.4	794.8	742.2	679.0	611.6	544.2	476.5	405.7
-20°	1004.8	929.1	877.1	830.0	787.2	732.5	668.5	602.3	535.9	468.9	398.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	981.8	915.6	865.5	820.2	777.0	721.5	656.7	591.6	526.4	460.1	389.6
-25°	955.9	899.2	852.9	809.8	763.4	706.8	643.4	579.7	515.8	450.2	380.2
-27.5°	933.5	881.2	839.5	797.8	749.2	690.6	628.7	566.5	503.8	439.1	369.9
-30°	910.2	865.5	825.1	783.5	734.4	673.7	612.7	552.1	490.3	426.4	358.8
-32.5°	885.9	849.2	808.9	766.3	715.5	655.0	595.5	536.5	475.4	412.5	347.5
-35°	865.5	829.8	791.0	748.7	693.4	634.7	576.8	519.7	459.3	397.7	335.5
-37.5°	842.6	808.1	771.6	727.1	669.4	612.6	556.6	500.7	442.0	382.2	322.6
-40°	819.0	785.3	749.8	699.2	643.7	589.0	535.0	480.3	423.5	365.8	308.8
-42.5°	794.8	760.4	720.3	669.5	616.2	563.8	512.0	459.1	404.3	348.9	294.1
-45°	766.3	731.9	689.0	638.7	587.1	537.1	487.8	437.1	384.3	331.1	278.6
-47.5°	735.9	700.2	655.9	606.7	556.7	509.3	462.8	413.8	363.4	312.5	262.3
-50°	704.9	666.0	620.1	573.4	525.8	481.5	437.0	389.5	341.6	293.1	245.3
-52.5°	667.9	626.5	583.2	538.9	495.1	453.1	409.3	364.4	319.0	272.9	227.5
-55°	625.6	586.0	545.2	503.5	463.0	422.3	380.8	338.5	295.7	251.9	209.3
-57.5°	580.6	544.3	505.1	466.5	427.9	389.7	351.5	311.8	271.1	230.1	192.7
-60°	532.6	498.0	462.9	426.3	390.4	356.0	321.4	284.0	245.5	208.3	175.8
-62.5°	480.2	449.3	416.8	383.7	352.2	321.4	290.2	254.5	219.2	188.1	158.4
-65°	426.2	398.0	369.0	341.2	313.5	285.7	256.3	224.2	195.0	167.4	140.5
-67.5°	371.4	347.5	322.7	298.2	274.1	248.6	221.8	196.0	170.9	146.3	122.4
-70°	319.2	297.9	276.9	256.1	234.4	211.8	190.4	168.3	146.3	125.3	104.0
-72.5°	268.0	250.6	232.6	214.2	196.3	178.0	159.3	140.5	122.4	104.0	85.3
-75°	218.2	204.2	189.8	174.9	159.6	144.1	129.3	113.8	98.3	82.5	68.8
-77.5°	171.3	159.7	147.7	136.8	125.4	113.2	100.3	86.9	75.3	64.4	52.9
-80°	127.3	119.4	111.2	102.5	92.7	82.3	73.2	64.5	55.8	46.7	36.9
-82.5°	86.8	81.3	75.6	69.7	63.0	56.3	49.8	43.4	36.3	28.8	23.7
-85°	49.5	45.9	42.2	38.3	34.2	30.2	27.9	25.5	22.1	18.9	15.8
-87.5°	20.4	19.4	18.4	17.3	16.2	15.1	13.9	12.8	11.1	9.5	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
85°	13.0	10.9	8.7	6.5	4.4	2.2	0.0
82.5°	19.4	16.3	13.0	9.8	6.5	3.3	0.0
80°	26.8	21.6	17.3	13.0	8.7	4.4	0.0
77.5°	40.8	29.2	21.6	16.3	10.9	5.4	0.0
75°	54.8	40.8	26.8	19.4	13.0	6.5	0.0
72.5°	68.5	52.3	36.0	22.6	15.1	7.5	0.0
70°	82.4	63.7	45.1	26.4	17.2	8.6	0.0
67.5°	98.1	74.9	54.1	33.1	19.2	9.6	0.0
65°	113.5	86.7	62.9	39.7	21.2	10.6	0.0
62.5°	128.5	99.0	71.5	46.2	23.2	11.6	0.0
60°	143.1	111.1	80.0	52.6	25.1	12.5	0.0
57.5°	157.7	122.8	89.2	58.8	29.1	13.5	0.0
55°	172.1	134.1	98.1	64.8	33.1	14.4	0.0
52.5°	186.1	145.1	106.8	70.6	36.9	15.3	0.0
50°	199.7	156.6	115.1	76.3	40.5	16.1	0.0
47.5°	213.2	167.6	123.1	81.8	44.0	17.0	0.0
45°	227.1	178.3	130.8	87.6	47.4	17.7	0.0
42.5°	240.3	188.6	138.1	93.0	50.5	18.5	0.0
40°	252.9	198.5	145.5	98.1	53.5	19.2	0.0
37.5°	264.7	208.0	153.0	102.7	56.4	19.9	0.0
35°	275.8	217.2	160.1	107.2	59.0	20.6	0.0
32.5°	286.1	225.9	166.8	111.3	61.5	21.2	0.0
30°	295.7	233.9	173.1	115.1	63.7	21.7	0.0
27.5°	304.5	241.3	178.7	118.6	65.8	22.3	0.0
25°	312.5	248.1	183.7	121.9	67.7	22.7	0.0
22.5°	319.6	254.1	188.3	124.7	69.3	23.2	0.0
20°	326.0	259.2	192.4	127.3	70.8	23.6	0.0
17.5°	331.7	263.7	196.0	129.5	72.1	23.9	0.0
15°	336.9	267.5	199.0	131.5	73.2	24.2	0.0
12.5°	341.3	270.7	201.5	133.0	74.0	24.5	0.0
10°	345.0	273.2	203.5	134.2	74.7	24.7	0.0
7.5°	347.9	275.0	205.0	135.1	75.2	24.9	0.0
5°	350.1	276.1	205.9	135.7	75.4	25.0	0.0
2.5°	351.4	276.6	206.3	135.9	75.5	25.1	0.0
0°	351.8	276.4	206.1	135.7	75.4	25.1	0.0
-2.5°	351.4	276.6	206.3	135.9	75.5	25.1	0.0
-5°	350.1	276.1	205.9	135.7	75.4	25.0	0.0
-7.5°	347.9	275.0	205.0	135.1	75.2	24.9	0.0
-10°	345.0	273.2	203.5	134.2	74.7	24.7	0.0
-12.5°	341.3	270.7	201.5	133.0	74.0	24.5	0.0
-15°	336.9	267.5	199.0	131.5	73.2	24.2	0.0
-17.5°	331.7	263.7	196.0	129.5	72.1	23.9	0.0
-20°	326.0	259.2	192.4	127.3	70.8	23.6	0.0

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REPORT NUMBER: P627287 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	319.6	254.1	188.3	124.7	69.3	23.2	0.0
-25°	312.5	248.1	183.7	121.9	67.7	22.7	0.0
-27.5°	304.5	241.3	178.7	118.6	65.8	22.3	0.0
-30°	295.7	233.9	173.1	115.1	63.7	21.7	0.0
-32.5°	286.1	225.9	166.8	111.3	61.5	21.2	0.0
-35°	275.8	217.2	160.1	107.2	59.0	20.6	0.0
-37.5°	264.7	208.0	153.0	102.7	56.4	19.9	0.0
-40°	252.9	198.5	145.5	98.1	53.5	19.2	0.0
-42.5°	240.3	188.6	138.1	93.0	50.5	18.5	0.0
-45°	227.1	178.3	130.8	87.6	47.4	17.7	0.0
-47.5°	213.2	167.6	123.1	81.8	44.0	17.0	0.0
-50°	199.7	156.6	115.1	76.3	40.5	16.1	0.0
-52.5°	186.1	145.1	106.8	70.6	36.9	15.3	0.0
-55°	172.1	134.1	98.1	64.8	33.1	14.4	0.0
-57.5°	157.7	122.8	89.2	58.8	29.1	13.5	0.0
-60°	143.1	111.1	80.0	52.6	25.1	12.5	0.0
-62.5°	128.5	99.0	71.5	46.2	23.2	11.6	0.0
-65°	113.5	86.7	62.9	39.7	21.2	10.6	0.0
-67.5°	98.1	74.9	54.1	33.1	19.2	9.6	0.0
-70°	82.4	63.7	45.1	26.4	17.2	8.6	0.0
-72.5°	68.5	52.3	36.0	22.6	15.1	7.5	0.0
-75°	54.8	40.8	26.8	19.4	13.0	6.5	0.0
-77.5°	40.8	29.2	21.6	16.3	10.9	5.4	0.0
-80°	26.8	21.6	17.3	13.0	8.7	4.4	0.0
-82.5°	19.4	16.3	13.0	9.8	6.5	3.3	0.0
-85°	13.0	10.9	8.7	6.5	4.4	2.2	0.0
-87.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)