

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: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-740-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N124
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

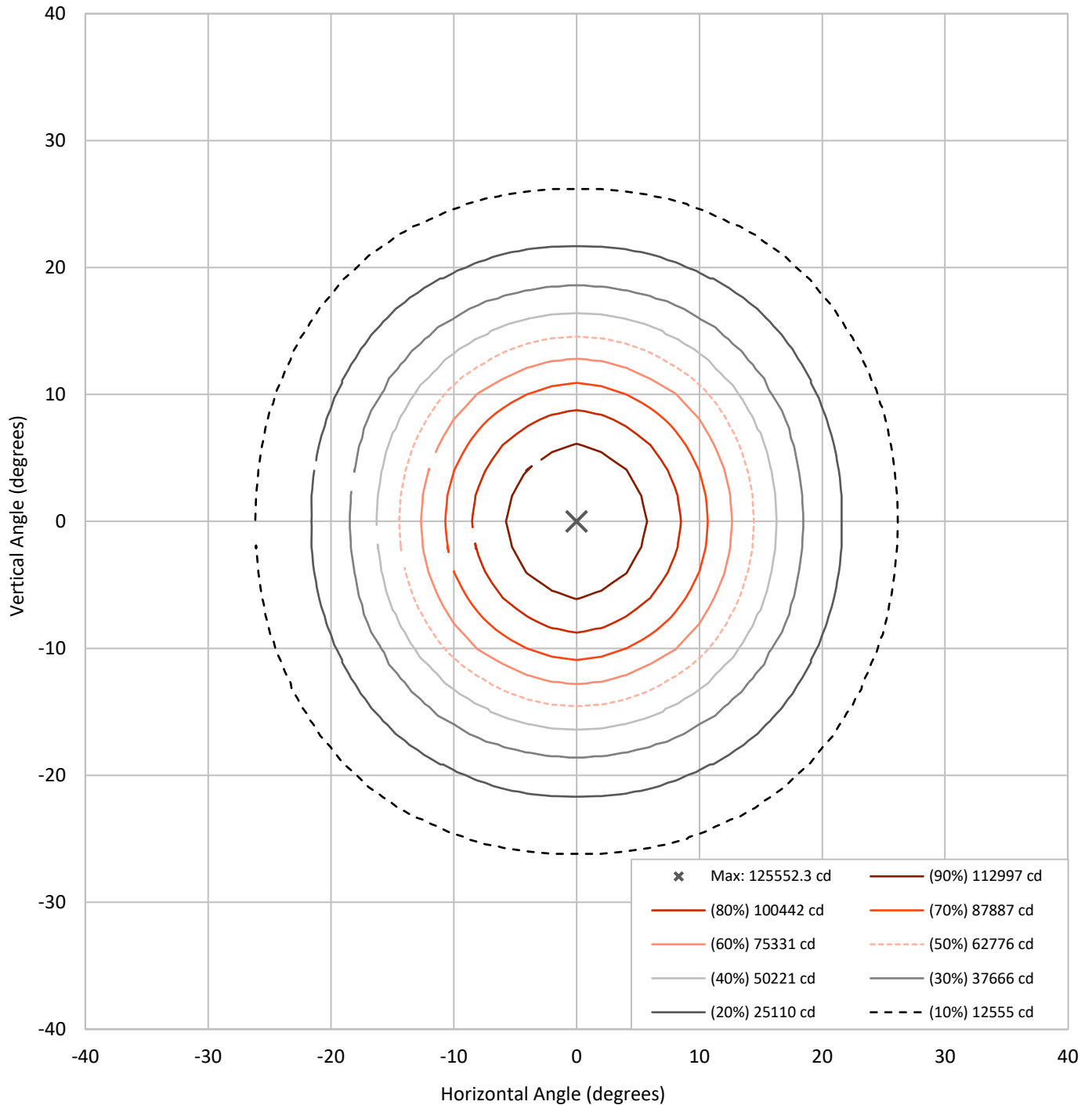
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	39226.8 lumens	Max Intensity:	12552.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	19071.6 lumens	Field Lumens:	32185 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	271.3		
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





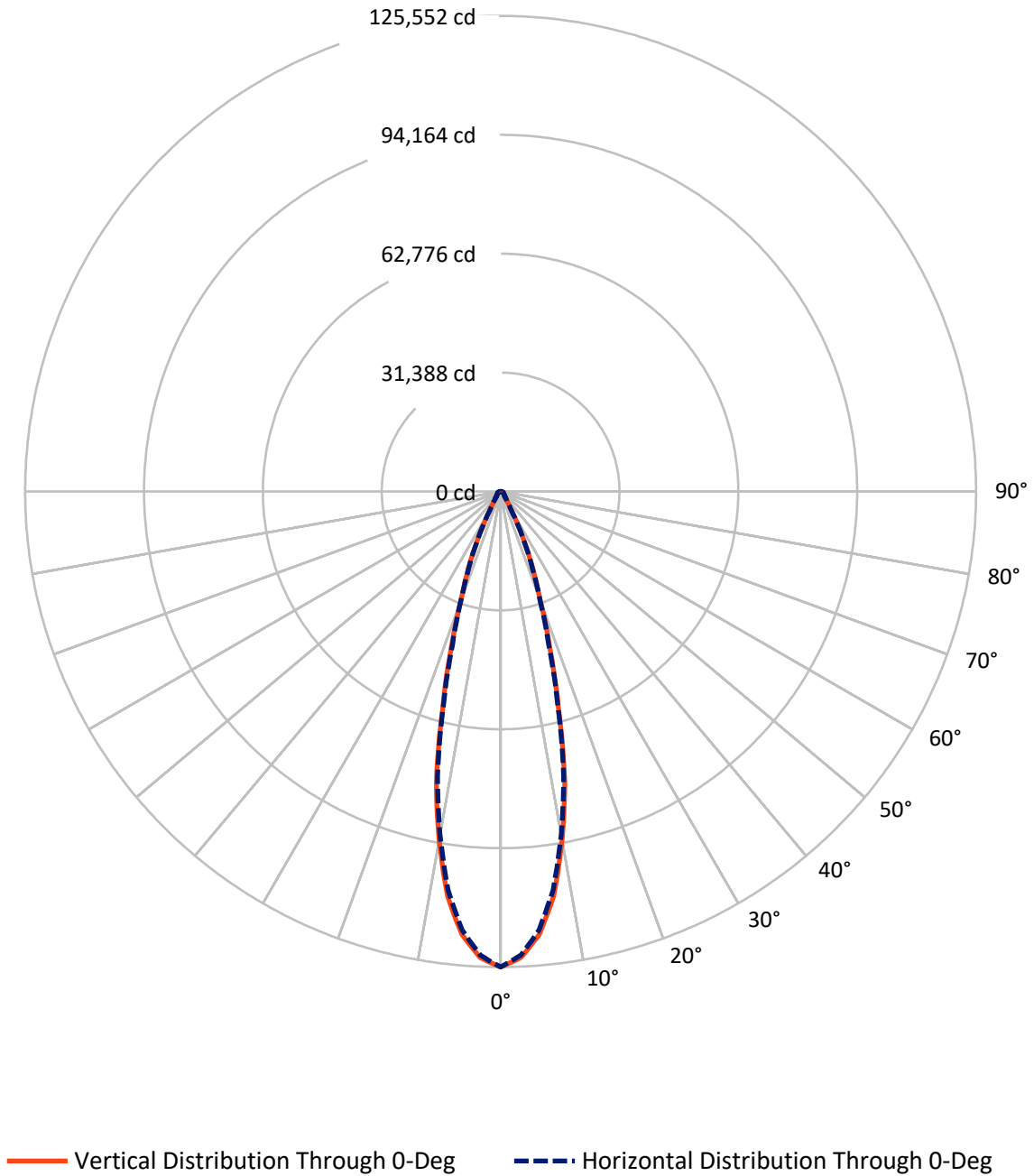
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Lumen Table

90																			
80	0.7	6.5		17.0		26.9		29.9		26.9		17.0		6.5	0.7				
70																			
60	2.9	3.4	6.8	11.1	15.5	19.0	21.2	22.3	22.3	21.2	19.0	15.5	11.1	6.8	3.4	2.9			
50		5.0	10.1	16.3	21.9	27.0	30.3	31.4	31.4	30.3	27.0	21.9	16.3	10.1	5.0				
40	5.2	6.4	13.0	20.2	26.9	34.0	39.9	42.9	42.9	39.9	34.0	26.9	20.2	13.0	6.4	5.2			
30		7.6	15.2	23.3	32.9	47.0	68.0	88.3	88.3	68.0	47.0	32.9	23.3	15.2	7.6				
20	6.6	8.5	16.7	26.2	42.2	91.7	258.2	457.9	457.9	258.2	91.7	42.2	26.2	16.7	8.5	6.6			
10		9.1	17.5	28.5	57.5	240.8	858.1	1644.3	1644.3	858.1	240.8	57.5	28.5	17.5	9.1				
0	7.1	9.5	17.8	30.0	73.0	415.6	1588.2	3124.1	3124.1	1588.2	415.6	73.0	30.0	17.8	9.5	7.1			
-10		9.5	17.8	30.0	73.0	415.6	1588.2	3124.1	3124.1	1588.2	415.6	73.0	30.0	17.8	9.5				
-20	6.6	9.1	17.5	28.5	57.5	240.8	858.1	1644.3	1644.3	858.1	240.8	57.5	28.5	17.5	9.1	6.6			
-30		8.5	16.7	26.2	42.2	91.7	258.2	457.9	457.9	258.2	91.7	42.2	26.2	16.7	8.5				
-40	5.2	7.6	15.2	23.3	32.9	47.0	68.0	88.3	88.3	68.0	47.0	32.9	23.3	15.2	7.6	5.2			
-50		6.4	13.0	20.2	26.9	34.0	39.9	42.9	42.9	39.9	34.0	26.9	20.2	13.0	6.4				
-60	2.9	5.0	10.1	16.3	21.9	27.0	30.3	31.4	31.4	30.3	27.0	21.9	16.3	10.1	5.0	2.9			
-70		3.4	6.8	11.1	15.5	19.0	21.2	22.3	22.3	21.2	19.0	15.5	11.1	6.8	3.4				
-80																			
-90	0.7	6.5		17.0		26.9		29.9		26.9		17.0		6.5	0.7				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

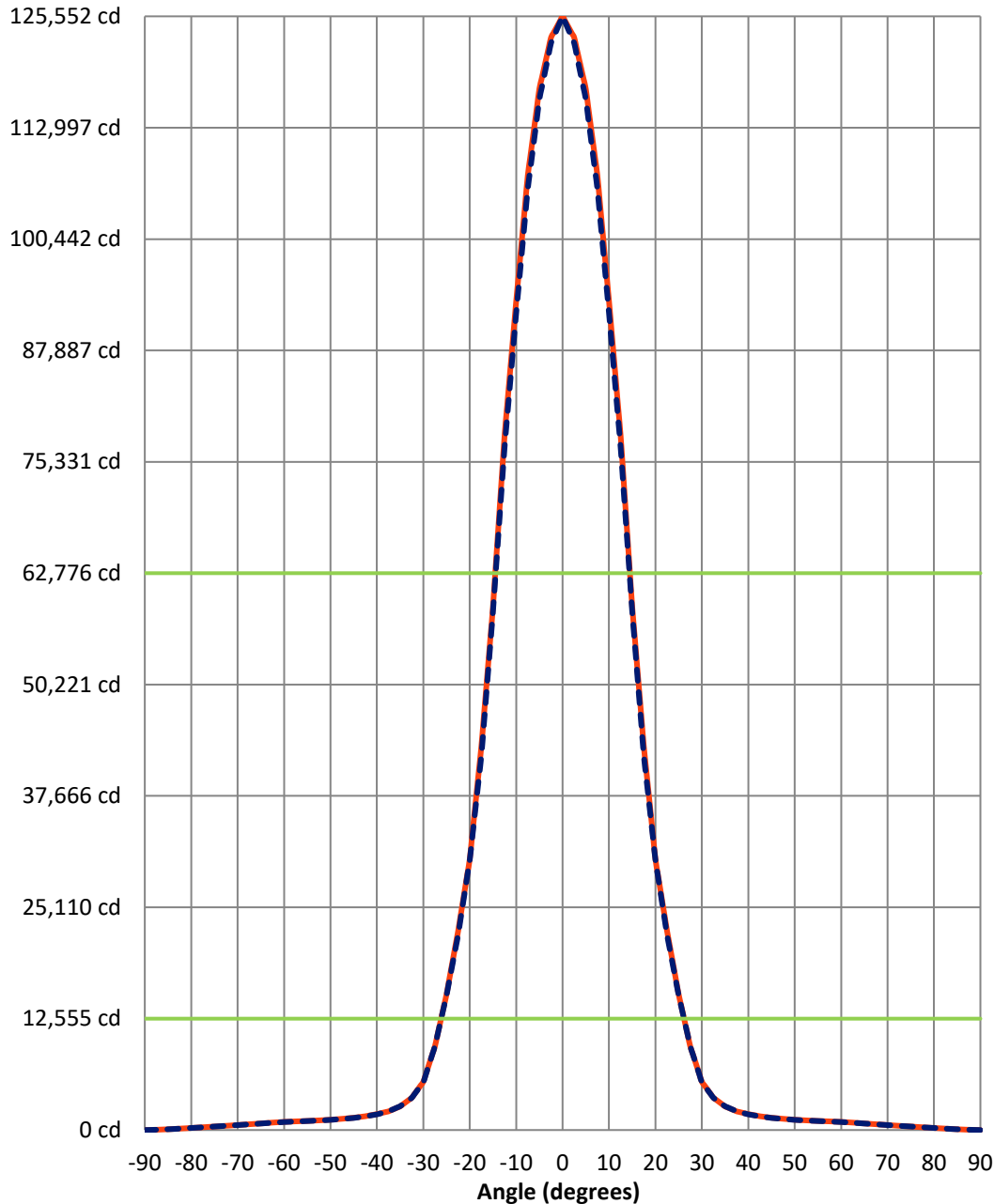
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 19071.6
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 32185
 Efficiency: 82.0%

Spill:
 Lumens: 7041.8
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	9.7	11.0	12.3	13.6
85°	0.0	2.8	5.6	8.4	11.2	13.9	16.6	19.3	22.0	24.6	27.2
82.5°	0.0	4.2	8.4	12.6	16.7	20.9	24.9	29.0	33.6	41.3	49.2
80°	0.0	5.6	11.2	16.7	22.3	27.7	33.9	43.7	54.0	64.8	76.1
77.5°	0.0	7.0	13.9	20.9	27.7	36.4	48.2	60.8	74.2	88.1	103.5
75°	0.0	8.3	16.6	24.9	33.9	48.2	62.5	77.7	94.4	114.0	133.2
72.5°	0.0	9.7	19.3	29.0	43.3	60.0	76.5	95.5	118.2	140.6	162.6
70°	0.0	11.0	22.0	33.5	52.6	71.6	90.9	116.0	141.6	166.9	194.3
67.5°	0.0	12.3	24.6	40.4	61.8	83.0	108.5	136.3	164.7	195.6	226.1
65°	0.0	13.6	27.2	47.1	70.7	95.8	125.8	156.2	189.9	223.9	258.2
62.5°	0.0	14.9	29.7	53.8	79.6	110.0	142.7	177.2	214.7	252.0	291.2
60°	0.0	16.1	32.2	60.2	88.2	123.8	159.3	198.4	238.8	280.4	323.3
57.5°	0.0	17.3	36.4	66.5	98.9	137.3	176.8	219.1	262.8	307.9	355.0
55°	0.0	18.5	40.4	72.7	109.4	150.5	193.8	239.2	286.1	334.8	386.1
52.5°	0.0	19.6	44.4	78.6	119.6	163.4	210.1	258.7	308.4	362.0	416.3
50°	0.0	20.7	48.3	84.4	129.5	176.4	225.9	277.6	330.4	388.3	444.2
47.5°	0.0	21.8	52.0	90.3	139.0	188.8	241.0	295.7	352.9	413.6	470.7
45°	0.0	22.8	55.5	97.2	148.2	200.7	255.9	313.2	374.7	436.0	495.7
42.5°	0.0	23.7	58.9	103.8	157.0	211.9	270.2	330.7	395.3	457.1	518.7
40°	0.0	24.7	62.2	110.0	165.5	222.5	283.9	347.6	414.1	476.8	540.5
37.5°	0.0	25.5	65.2	115.8	173.5	232.5	296.8	363.5	431.0	495.9	561.0
35°	0.0	26.4	68.2	121.1	181.0	242.4	309.0	378.3	446.8	513.8	580.4
32.5°	0.0	27.2	70.9	126.1	188.0	251.9	320.5	391.9	461.6	530.5	599.1
30°	0.0	27.9	73.5	130.7	194.5	260.7	331.4	404.3	475.3	546.1	616.5
27.5°	0.0	28.6	75.8	134.8	200.4	268.8	341.4	415.3	488.0	560.4	632.6
25°	0.0	29.2	78.0	138.6	205.8	276.3	350.4	425.3	499.5	573.5	647.3
22.5°	0.0	29.7	80.0	141.9	210.9	283.0	358.4	434.4	509.9	585.3	662.0
20°	0.0	30.3	81.8	144.8	215.4	288.9	365.4	442.3	519.1	595.7	675.1
17.5°	0.0	30.7	83.4	147.3	219.6	293.9	371.8	449.3	527.1	604.8	686.5
15°	0.0	31.1	84.7	149.3	223.2	298.1	377.7	455.7	533.9	612.5	696.2
12.5°	0.0	31.4	85.9	150.9	226.3	301.4	382.8	461.7	540.2	618.8	704.1
10°	0.0	31.7	86.9	152.2	228.9	303.9	387.0	466.7	545.9	626.3	711.5
7.5°	0.0	31.9	87.6	153.0	231.0	305.6	390.4	470.5	550.4	633.0	719.7
5°	0.0	32.1	88.2	153.4	232.5	306.6	392.9	473.3	553.5	638.3	726.0
2.5°	0.0	32.2	88.5	153.4	233.4	306.7	394.4	474.9	555.5	642.3	730.6
0°	0.0	32.2	88.6	153.1	233.7	306.2	394.9	475.5	556.1	644.7	733.4
-2.5°	0.0	32.2	88.5	153.4	233.4	306.7	394.4	474.9	555.5	642.3	730.6
-5°	0.0	32.1	88.2	153.4	232.5	306.6	392.9	473.3	553.5	638.3	726.0
-7.5°	0.0	31.9	87.6	153.0	231.0	305.6	390.4	470.5	550.4	633.0	719.7
-10°	0.0	31.7	86.9	152.2	228.9	303.9	387.0	466.7	545.9	626.3	711.5
-12.5°	0.0	31.4	85.9	150.9	226.3	301.4	382.8	461.7	540.2	618.8	704.1
-15°	0.0	31.1	84.7	149.3	223.2	298.1	377.7	455.7	533.9	612.5	696.2
-17.5°	0.0	30.7	83.4	147.3	219.6	293.9	371.8	449.3	527.1	604.8	686.5
-20°	0.0	30.3	81.8	144.8	215.4	288.9	365.4	442.3	519.1	595.7	675.1

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CATALOG NUMBER: GFLD-SA5D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.7	80.0	141.9	210.9	283.0	358.4	434.4	509.9	585.3	662.0
-25°	0.0	29.2	78.0	138.6	205.8	276.3	350.4	425.3	499.5	573.5	647.3
-27.5°	0.0	28.6	75.8	134.8	200.4	268.8	341.4	415.3	488.0	560.4	632.6
-30°	0.0	27.9	73.5	130.7	194.5	260.7	331.4	404.3	475.3	546.1	616.5
-32.5°	0.0	27.2	70.9	126.1	188.0	251.9	320.5	391.9	461.6	530.5	599.1
-35°	0.0	26.4	68.2	121.1	181.0	242.4	309.0	378.3	446.8	513.8	580.4
-37.5°	0.0	25.5	65.2	115.8	173.5	232.5	296.8	363.5	431.0	495.9	561.0
-40°	0.0	24.7	62.2	110.0	165.5	222.5	283.9	347.6	414.1	476.8	540.5
-42.5°	0.0	23.7	58.9	103.8	157.0	211.9	270.2	330.7	395.3	457.1	518.7
-45°	0.0	22.8	55.5	97.2	148.2	200.7	255.9	313.2	374.7	436.0	495.7
-47.5°	0.0	21.8	52.0	90.3	139.0	188.8	241.0	295.7	352.9	413.6	470.7
-50°	0.0	20.7	48.3	84.4	129.5	176.4	225.9	277.6	330.4	388.3	444.2
-52.5°	0.0	19.6	44.4	78.6	119.6	163.4	210.1	258.7	308.4	362.0	416.3
-55°	0.0	18.5	40.4	72.7	109.4	150.5	193.8	239.2	286.1	334.8	386.1
-57.5°	0.0	17.3	36.4	66.5	98.9	137.3	176.8	219.1	262.8	307.9	355.0
-60°	0.0	16.1	32.2	60.2	88.2	123.8	159.3	198.4	238.8	280.4	323.3
-62.5°	0.0	14.9	29.7	53.8	79.6	110.0	142.7	177.2	214.7	252.0	291.2
-65°	0.0	13.6	27.2	47.1	70.7	95.8	125.8	156.2	189.9	223.9	258.2
-67.5°	0.0	12.3	24.6	40.4	61.8	83.0	108.5	136.3	164.7	195.6	226.1
-70°	0.0	11.0	22.0	33.5	52.6	71.6	90.9	116.0	141.6	166.9	194.3
-72.5°	0.0	9.7	19.3	29.0	43.3	60.0	76.5	95.5	118.2	140.6	162.6
-75°	0.0	8.3	16.6	24.9	33.9	48.2	62.5	77.7	94.4	114.0	133.2
-77.5°	0.0	7.0	13.9	20.9	27.7	36.4	48.2	60.8	74.2	88.1	103.5
-80°	0.0	5.6	11.2	16.7	22.3	27.7	33.9	43.7	54.0	64.8	76.1
-82.5°	0.0	4.2	8.4	12.6	16.7	20.9	24.9	29.0	33.6	41.3	49.2
-85°	0.0	2.8	5.6	8.4	11.2	13.9	16.6	19.3	22.0	24.6	27.2
-87.5°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	9.7	11.0	12.3	13.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.9	16.1	17.3	18.5	19.6	20.7	21.8	22.8	23.7	24.7	25.5
85°	29.7	32.2	36.9	41.6	46.2	50.6	54.8	58.9	62.8	66.5	70.0
82.5°	56.8	64.2	71.5	78.5	85.3	91.9	98.2	104.3	110.2	115.8	121.1
80°	86.4	96.2	106.1	115.3	124.3	133.0	141.5	149.7	157.5	165.9	174.7
77.5°	117.6	130.2	141.7	152.1	163.5	177.2	190.5	203.2	215.4	227.1	238.2
75°	149.7	164.1	179.8	195.4	211.7	228.1	244.1	259.6	274.5	289.9	305.3
72.5°	183.6	203.1	222.1	240.6	261.0	281.0	299.4	316.2	335.2	356.0	375.1
70°	219.5	242.1	266.0	289.7	312.8	335.1	357.9	380.8	403.9	426.4	447.9
67.5°	255.6	283.9	311.6	338.5	364.7	391.5	418.5	446.2	472.8	498.3	523.1
65°	294.1	325.7	356.6	386.7	416.0	448.6	480.6	511.5	545.2	576.5	603.7
62.5°	331.4	366.9	401.0	435.1	470.7	506.7	543.8	582.6	622.8	651.8	676.8
60°	367.4	407.3	445.4	484.5	524.1	564.9	607.5	648.9	685.6	717.2	743.5
57.5°	402.5	447.2	489.5	531.9	575.2	621.5	668.4	710.7	744.9	775.4	804.2
55°	436.5	486.1	531.0	576.2	625.4	679.7	727.7	765.9	800.8	826.1	853.6
52.5°	468.9	522.0	569.0	619.5	675.9	732.2	780.0	817.0	846.4	872.5	899.4
50°	499.9	553.2	605.4	662.9	722.4	778.9	827.2	861.3	890.9	918.1	943.9
47.5°	527.9	583.4	642.3	703.8	766.0	821.8	868.1	902.9	933.5	961.5	989.9
45°	554.4	614.0	676.6	743.9	807.7	862.9	905.1	942.5	971.9	1003.4	1039.1
42.5°	579.7	643.4	711.4	783.1	848.2	898.7	939.7	975.4	1009.4	1047.2	1086.9
40°	604.5	670.8	744.4	819.8	886.1	930.0	970.9	1008.8	1048.0	1090.8	1134.2
37.5°	627.7	698.9	775.3	854.0	914.0	959.5	1001.8	1044.2	1088.1	1134.2	1188.1
35°	649.0	724.8	804.9	880.9	938.5	988.2	1033.6	1079.5	1128.6	1185.0	1244.5
32.5°	669.8	748.3	832.4	903.7	961.0	1014.0	1064.1	1116.0	1172.3	1234.3	1302.3
30°	690.1	771.3	856.4	927.0	981.0	1035.2	1094.0	1151.7	1214.3	1283.2	1363.0
27.5°	709.9	792.6	876.6	945.2	998.5	1053.7	1116.7	1186.9	1255.3	1330.8	1423.3
25°	728.0	814.6	896.5	959.6	1013.6	1071.4	1137.2	1211.9	1292.4	1382.2	1495.5
22.5°	745.1	834.4	915.3	971.9	1026.1	1086.9	1157.7	1236.6	1324.1	1428.2	1566.5
20°	761.2	849.9	927.9	983.3	1036.5	1099.3	1175.3	1258.5	1358.4	1484.5	1650.0
17.5°	775.2	863.0	936.5	992.5	1047.4	1112.0	1190.4	1277.0	1389.3	1534.2	1730.1
15°	787.2	873.7	944.0	999.6	1056.7	1125.1	1205.8	1300.1	1423.2	1582.9	1799.3
12.5°	797.0	882.0	950.3	1004.8	1063.9	1134.8	1219.0	1322.5	1457.0	1636.0	1892.5
10°	804.8	888.1	955.2	1008.0	1069.0	1141.2	1229.3	1340.0	1484.4	1680.4	1972.4
7.5°	812.3	893.5	958.7	1009.3	1072.0	1144.4	1236.5	1352.3	1504.4	1713.8	2036.0
5°	817.8	898.5	960.7	1012.3	1073.8	1145.8	1241.4	1359.5	1516.9	1735.8	2081.0
2.5°	821.0	901.6	960.8	1014.6	1074.0	1146.4	1247.2	1363.4	1530.9	1754.3	2106.6
0°	822.0	902.6	959.0	1015.4	1071.9	1144.4	1249.2	1362.0	1539.3	1764.9	2111.5
-2.5°	821.0	901.6	960.8	1014.6	1074.0	1146.4	1247.2	1363.4	1530.9	1754.3	2106.6
-5°	817.8	898.5	960.7	1012.3	1073.8	1145.8	1241.4	1359.5	1516.9	1735.8	2081.0
-7.5°	812.3	893.5	958.7	1009.3	1072.0	1144.4	1236.5	1352.3	1504.4	1713.8	2036.0
-10°	804.8	888.1	955.2	1008.0	1069.0	1141.2	1229.3	1340.0	1484.4	1680.4	1972.4
-12.5°	797.0	882.0	950.3	1004.8	1063.9	1134.8	1219.0	1322.5	1457.0	1636.0	1892.5
-15°	787.2	873.7	944.0	999.6	1056.7	1125.1	1205.8	1300.1	1423.2	1582.9	1799.3
-17.5°	775.2	863.0	936.5	992.5	1047.4	1112.0	1190.4	1277.0	1389.3	1534.2	1730.1
-20°	761.2	849.9	927.9	983.3	1036.5	1099.3	1175.3	1258.5	1358.4	1484.5	1650.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	745.1	834.4	915.3	971.9	1026.1	1086.9	1157.7	1236.6	1324.1	1428.2	1566.5
-25°	728.0	814.6	896.5	959.6	1013.6	1071.4	1137.2	1211.9	1292.4	1382.2	1495.5
-27.5°	709.9	792.6	876.6	945.2	998.5	1053.7	1116.7	1186.9	1255.3	1330.8	1423.3
-30°	690.1	771.3	856.4	927.0	981.0	1035.2	1094.0	1151.7	1214.3	1283.2	1363.0
-32.5°	669.8	748.3	832.4	903.7	961.0	1014.0	1064.1	1116.0	1172.3	1234.3	1302.3
-35°	649.0	724.8	804.9	880.9	938.5	988.2	1033.6	1079.5	1128.6	1185.0	1244.5
-37.5°	627.7	698.9	775.3	854.0	914.0	959.5	1001.8	1044.2	1088.1	1134.2	1188.1
-40°	604.5	670.8	744.4	819.8	886.1	930.0	970.9	1008.8	1048.0	1090.8	1134.2
-42.5°	579.7	643.4	711.4	783.1	848.2	898.7	939.7	975.4	1009.4	1047.2	1086.9
-45°	554.4	614.0	676.6	743.9	807.7	862.9	905.1	942.5	971.9	1003.4	1039.1
-47.5°	527.9	583.4	642.3	703.8	766.0	821.8	868.1	902.9	933.5	961.5	989.9
-50°	499.9	553.2	605.4	662.9	722.4	778.9	827.2	861.3	890.9	918.1	943.9
-52.5°	468.9	522.0	569.0	619.5	675.9	732.2	780.0	817.0	846.4	872.5	899.4
-55°	436.5	486.1	531.0	576.2	625.4	679.7	727.7	765.9	800.8	826.1	853.6
-57.5°	402.5	447.2	489.5	531.9	575.2	621.5	668.4	710.7	744.9	775.4	804.2
-60°	367.4	407.3	445.4	484.5	524.1	564.9	607.5	648.9	685.6	717.2	743.5
-62.5°	331.4	366.9	401.0	435.1	470.7	506.7	543.8	582.6	622.8	651.8	676.8
-65°	294.1	325.7	356.6	386.7	416.0	448.6	480.6	511.5	545.2	576.5	603.7
-67.5°	255.6	283.9	311.6	338.5	364.7	391.5	418.5	446.2	472.8	498.3	523.1
-70°	219.5	242.1	266.0	289.7	312.8	335.1	357.9	380.8	403.9	426.4	447.9
-72.5°	183.6	203.1	222.1	240.6	261.0	281.0	299.4	316.2	335.2	356.0	375.1
-75°	149.7	164.1	179.8	195.4	211.7	228.1	244.1	259.6	274.5	289.9	305.3
-77.5°	117.6	130.2	141.7	152.1	163.5	177.2	190.5	203.2	215.4	227.1	238.2
-80°	86.4	96.2	106.1	115.3	124.3	133.0	141.5	149.7	157.5	165.9	174.7
-82.5°	56.8	64.2	71.5	78.5	85.3	91.9	98.2	104.3	110.2	115.8	121.1
-85°	29.7	32.2	36.9	41.6	46.2	50.6	54.8	58.9	62.8	66.5	70.0
-87.5°	14.9	16.1	17.3	18.5	19.6	20.7	21.8	22.8	23.7	24.7	25.5
-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: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-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°	26.4	27.2	27.9	28.6	29.2	29.7	30.3	30.7	31.1	31.4	31.7
85°	73.3	76.5	79.4	82.1	84.6	85.2	85.4	85.3	84.8	85.9	86.9
82.5°	126.1	131.7	137.4	143.1	148.6	150.7	152.1	153.2	153.8	156.0	157.9
80°	183.1	192.0	200.2	207.7	214.2	219.0	223.2	227.1	230.7	232.4	233.2
77.5°	249.3	260.2	270.3	279.7	288.3	295.2	300.8	305.2	308.7	310.9	312.3
75°	320.5	334.2	346.5	357.8	368.2	375.5	380.6	384.4	386.9	389.6	391.7
72.5°	392.5	408.2	422.7	436.3	448.3	456.7	462.6	467.3	470.9	473.6	475.0
70°	468.2	486.9	502.9	516.5	527.3	535.4	541.7	546.9	550.8	553.5	555.0
67.5°	546.6	566.5	581.5	593.4	603.2	611.7	619.6	625.5	629.3	633.2	637.3
65°	626.5	646.7	662.1	674.8	685.0	696.1	706.2	713.7	718.7	723.3	727.9
62.5°	701.5	724.5	742.2	758.9	775.6	791.5	800.7	807.8	812.9	817.4	822.7
60°	769.7	795.8	817.5	837.6	858.2	878.8	887.3	893.9	900.2	906.2	911.5
57.5°	830.3	858.0	884.4	904.3	924.0	943.2	956.5	963.8	968.7	971.4	973.7
55°	883.0	910.7	937.0	960.0	981.3	1001.1	1015.8	1023.0	1028.3	1031.7	1033.7
52.5°	930.3	959.9	988.1	1013.5	1036.5	1057.8	1076.3	1086.1	1094.1	1099.7	1101.6
50°	976.7	1008.7	1039.2	1066.4	1093.1	1118.7	1142.2	1155.8	1165.4	1171.3	1173.2
47.5°	1025.1	1059.9	1092.9	1124.4	1154.8	1185.1	1212.9	1231.5	1245.3	1255.4	1262.7
45°	1075.5	1112.9	1149.4	1186.7	1221.6	1260.6	1295.9	1322.9	1343.0	1360.3	1374.2
42.5°	1126.2	1168.2	1210.2	1258.1	1305.8	1350.2	1392.2	1428.2	1460.9	1493.0	1518.0
40°	1181.4	1227.4	1284.8	1341.6	1400.4	1452.1	1513.4	1568.3	1618.7	1673.0	1718.0
37.5°	1241.8	1300.9	1368.8	1436.8	1513.4	1587.7	1673.3	1757.5	1830.8	1926.0	2002.5
35°	1307.5	1382.4	1462.5	1553.9	1652.6	1769.1	1888.9	2029.4	2148.5	2299.9	2439.7
32.5°	1380.6	1468.7	1572.7	1698.3	1831.6	2018.7	2194.1	2432.3	2635.9	2898.5	3185.4
30°	1455.1	1568.9	1710.4	1872.6	2098.0	2363.5	2673.0	3075.6	3511.1	3961.7	4568.2
27.5°	1543.3	1691.1	1867.8	2118.3	2455.4	2822.9	3453.4	4134.3	5082.8	5833.7	7171.0
25°	1638.3	1821.3	2082.3	2445.4	2911.2	3654.8	4719.2	5951.7	7849.6	9537.8	11477.9
22.5°	1750.9	1999.3	2345.0	2820.5	3632.4	4911.9	6573.3	9104.2	11917.7	14694.6	17232.7
20°	1870.1	2170.1	2653.5	3428.0	4682.9	6533.0	9497.1	13113.6	16848.8	20654.4	23861.4
17.5°	2009.2	2416.7	3053.5	4082.1	5872.5	9040.0	12999.1	17597.7	22477.5	27333.6	31551.7
15°	2128.8	2632.3	3489.8	5030.4	7700.3	11662.2	16528.1	22336.1	28472.6	34774.8	41605.2
12.5°	2281.3	2892.1	3939.3	5814.4	9322.0	14471.6	20425.4	27168.6	34662.1	43029.9	53678.4
10°	2421.3	3164.6	4530.5	7070.6	11271.4	17095.8	23791.9	31442.3	41161.9	53736.6	66581.2
7.5°	2533.4	3380.7	4989.1	8050.8	12906.2	19337.7	26823.1	35995.4	48121.6	63095.1	77770.9
5°	2611.5	3530.5	5317.2	8791.5	14221.3	21051.1	28974.2	39352.0	53987.8	70755.5	85740.5
2.5°	2660.5	3612.4	5477.8	9231.3	15079.1	22082.2	30316.3	41485.1	57583.2	75631.9	90803.7
0°	2683.7	3626.6	5375.4	9445.2	15199.4	22009.3	30439.1	42197.3	58436.3	76956.1	92066.9
-2.5°	2660.5	3612.4	5477.8	9231.3	15079.1	22082.2	30316.3	41485.1	57583.2	75631.9	90803.7
-5°	2611.5	3530.5	5317.2	8791.5	14221.3	21051.1	28974.2	39352.0	53987.8	70755.5	85740.5
-7.5°	2533.4	3380.7	4989.1	8050.8	12906.2	19337.7	26823.1	35995.4	48121.6	63095.1	77770.9
-10°	2421.3	3164.6	4530.5	7070.6	11271.4	17095.8	23791.9	31442.3	41161.9	53736.6	66581.2
-12.5°	2281.3	2892.1	3939.3	5814.4	9322.0	14471.6	20425.4	27168.6	34662.1	43029.9	53678.4
-15°	2128.8	2632.3	3489.8	5030.4	7700.3	11662.2	16528.1	22336.1	28472.6	34774.8	41605.2
-17.5°	2009.2	2416.7	3053.5	4082.1	5872.5	9040.0	12999.1	17597.7	22477.5	27333.6	31551.7
-20°	1870.1	2170.1	2653.5	3428.0	4682.9	6533.0	9497.1	13113.6	16848.8	20654.4	23861.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1750.9	1999.3	2345.0	2820.5	3632.4	4911.9	6573.3	9104.2	11917.7	14694.6	17232.7
-25°	1638.3	1821.3	2082.3	2445.4	2911.2	3654.8	4719.2	5951.7	7849.6	9537.8	11477.9
-27.5°	1543.3	1691.1	1867.8	2118.3	2455.4	2822.9	3453.4	4134.3	5082.8	5833.7	7171.0
-30°	1455.1	1568.9	1710.4	1872.6	2098.0	2363.5	2673.0	3075.6	3511.1	3961.7	4568.2
-32.5°	1380.6	1468.7	1572.7	1698.3	1831.6	2018.7	2194.1	2432.3	2635.9	2898.5	3185.4
-35°	1307.5	1382.4	1462.5	1553.9	1652.6	1769.1	1888.9	2029.4	2148.5	2299.9	2439.7
-37.5°	1241.8	1300.9	1368.8	1436.8	1513.4	1587.7	1673.3	1757.5	1830.8	1926.0	2002.5
-40°	1181.4	1227.4	1284.8	1341.6	1400.4	1452.1	1513.4	1568.3	1618.7	1673.0	1718.0
-42.5°	1126.2	1168.2	1210.2	1258.1	1305.8	1350.2	1392.2	1428.2	1460.9	1493.0	1518.0
-45°	1075.5	1112.9	1149.4	1186.7	1221.6	1260.6	1295.9	1322.9	1343.0	1360.3	1374.2
-47.5°	1025.1	1059.9	1092.9	1124.4	1154.8	1185.1	1212.9	1231.5	1245.3	1255.4	1262.7
-50°	976.7	1008.7	1039.2	1066.4	1093.1	1118.7	1142.2	1155.8	1165.4	1171.3	1173.2
-52.5°	930.3	959.9	988.1	1013.5	1036.5	1057.8	1076.3	1086.1	1094.1	1099.7	1101.6
-55°	883.0	910.7	937.0	960.0	981.3	1001.1	1015.8	1023.0	1028.3	1031.7	1033.7
-57.5°	830.3	858.0	884.4	904.3	924.0	943.2	956.5	963.8	968.7	971.4	973.7
-60°	769.7	795.8	817.5	837.6	858.2	878.8	887.3	893.9	900.2	906.2	911.5
-62.5°	701.5	724.5	742.2	758.9	775.6	791.5	800.7	807.8	812.9	817.4	822.7
-65°	626.5	646.7	662.1	674.8	685.0	696.1	706.2	713.7	718.7	723.3	727.9
-67.5°	546.6	566.5	581.5	593.4	603.2	611.7	619.6	625.5	629.3	633.2	637.3
-70°	468.2	486.9	502.9	516.5	527.3	535.4	541.7	546.9	550.8	553.5	555.0
-72.5°	392.5	408.2	422.7	436.3	448.3	456.7	462.6	467.3	470.9	473.6	475.0
-75°	320.5	334.2	346.5	357.8	368.2	375.5	380.6	384.4	386.9	389.6	391.7
-77.5°	249.3	260.2	270.3	279.7	288.3	295.2	300.8	305.2	308.7	310.9	312.3
-80°	183.1	192.0	200.2	207.7	214.2	219.0	223.2	227.1	230.7	232.4	233.2
-82.5°	126.1	131.7	137.4	143.1	148.6	150.7	152.1	153.2	153.8	156.0	157.9
-85°	73.3	76.5	79.4	82.1	84.6	85.2	85.4	85.3	84.8	85.9	86.9
-87.5°	26.4	27.2	27.9	28.6	29.2	29.7	30.3	30.7	31.1	31.4	31.7
-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: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-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°	31.9	32.1	32.2	32.2	32.2	32.1	31.9	31.7	31.4	31.1	30.7
85°	87.6	88.2	88.5	88.6	88.5	88.2	87.6	86.9	85.9	84.8	85.3
82.5°	159.3	160.4	161.0	161.2	161.0	160.4	159.3	157.9	156.0	153.8	153.2
80°	233.2	232.6	233.4	233.7	233.4	232.6	233.2	233.2	232.4	230.7	227.1
77.5°	313.0	312.8	313.9	314.3	313.9	312.8	313.0	312.3	310.9	308.7	305.2
75°	392.9	393.2	394.4	394.9	394.4	393.2	392.9	391.7	389.6	386.9	384.4
72.5°	475.0	473.7	474.9	475.5	474.9	473.7	475.0	475.0	473.6	470.9	467.3
70°	555.1	554.1	559.2	564.1	559.2	554.1	555.1	555.0	553.5	550.8	546.9
67.5°	640.2	641.8	647.6	652.8	647.6	641.8	640.2	637.3	633.2	629.3	625.5
65°	730.3	730.6	736.1	741.4	736.1	730.6	730.3	727.9	723.3	718.7	713.7
62.5°	825.8	826.7	832.5	838.1	832.5	826.7	825.8	822.7	817.4	812.9	807.8
60°	914.6	915.5	917.6	918.7	917.6	915.5	914.6	911.5	906.2	900.2	893.9
57.5°	974.3	973.5	974.3	975.1	974.3	973.5	974.3	973.7	971.4	968.7	963.8
55°	1033.4	1030.7	1027.6	1023.5	1027.6	1030.7	1033.4	1033.7	1031.7	1028.3	1023.0
52.5°	1100.1	1095.8	1092.0	1088.0	1092.0	1095.8	1100.1	1101.6	1099.7	1094.1	1086.1
50°	1172.0	1168.2	1164.5	1160.5	1164.5	1168.2	1172.0	1173.2	1171.3	1165.4	1155.8
47.5°	1267.7	1269.3	1268.6	1265.3	1268.6	1269.3	1267.7	1262.7	1255.4	1245.3	1231.5
45°	1384.0	1388.6	1389.2	1386.2	1389.2	1388.6	1384.0	1374.2	1360.3	1343.0	1322.9
42.5°	1535.7	1545.8	1551.5	1555.4	1551.5	1545.8	1535.7	1518.0	1493.0	1460.9	1428.2
40°	1750.7	1771.5	1784.8	1797.2	1784.8	1771.5	1750.7	1718.0	1673.0	1618.7	1568.3
37.5°	2059.2	2096.9	2113.8	2103.4	2113.8	2096.9	2059.2	2002.5	1926.0	1830.8	1757.5
35°	2547.2	2619.1	2656.4	2659.5	2656.4	2619.1	2547.2	2439.7	2299.9	2148.5	2029.4
32.5°	3397.4	3544.5	3623.5	3634.6	3623.5	3544.5	3397.4	3185.4	2898.5	2635.9	2432.3
30°	5032.5	5332.4	5473.3	5439.9	5473.3	5332.4	5032.5	4568.2	3961.7	3511.1	3075.6
27.5°	8210.6	8958.6	9401.9	9437.2	9401.9	8958.6	8210.6	7171.0	5833.7	5082.8	4134.3
25°	13196.3	14473.3	15291.0	15304.2	15291.0	14473.3	13196.3	11477.9	9537.8	7849.6	5951.7
22.5°	19579.6	21322.7	22277.8	22444.5	22277.8	21322.7	19579.6	17232.7	14694.6	11917.7	9104.2
20°	26974.9	29293.7	30534.4	30535.8	30534.4	29293.7	26974.9	23861.4	20654.4	16848.8	13113.6
17.5°	36082.6	39847.8	42211.5	43228.9	42211.5	39847.8	36082.6	31551.7	27333.6	22477.5	17597.7
15°	48182.3	54509.5	58301.1	58984.4	58301.1	54509.5	48182.3	41605.2	34774.8	28472.6	22336.1
12.5°	62915.0	70922.4	76305.0	78277.8	76305.0	70922.4	62915.0	53678.4	43029.9	34662.1	27168.6
10°	78297.2	85716.5	91483.0	93420.8	91483.0	85716.5	78297.2	66581.2	53736.6	41161.9	31442.3
7.5°	89409.7	98256.9	104752.4	107604.8	104752.4	98256.9	89409.7	77770.9	63095.1	48121.6	35995.4
5°	98181.9	108650.3	114696.8	117380.4	114696.8	108650.3	98181.9	85740.5	70755.5	53987.8	39352.0
2.5°	103937.4	114281.3	120684.3	123158.8	120684.3	114281.3	103937.4	90803.7	75631.9	57583.2	41485.1
0°	106089.6	116203.8	122530.2	125552.3	122530.2	116203.8	106089.6	92066.9	76956.1	58436.3	42197.3
-2.5°	103937.4	114281.3	120684.3	123158.8	120684.3	114281.3	103937.4	90803.7	75631.9	57583.2	41485.1
-5°	98181.9	108650.3	114696.8	117380.4	114696.8	108650.3	98181.9	85740.5	70755.5	53987.8	39352.0
-7.5°	89409.7	98256.9	104752.4	107604.8	104752.4	98256.9	89409.7	77770.9	63095.1	48121.6	35995.4
-10°	78297.2	85716.5	91483.0	93420.8	91483.0	85716.5	78297.2	66581.2	53736.6	41161.9	31442.3
-12.5°	62915.0	70922.4	76305.0	78277.8	76305.0	70922.4	62915.0	53678.4	43029.9	34662.1	27168.6
-15°	48182.3	54509.5	58301.1	58984.4	58301.1	54509.5	48182.3	41605.2	34774.8	28472.6	22336.1
-17.5°	36082.6	39847.8	42211.5	43228.9	42211.5	39847.8	36082.6	31551.7	27333.6	22477.5	17597.7
-20°	26974.9	29293.7	30534.4	30535.8	30534.4	29293.7	26974.9	23861.4	20654.4	16848.8	13113.6



REPORT NUMBER: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19579.6	21322.7	22277.8	22444.5	22277.8	21322.7	19579.6	17232.7	14694.6	11917.7	9104.2
-25°	13196.3	14473.3	15291.0	15304.2	15291.0	14473.3	13196.3	11477.9	9537.8	7849.6	5951.7
-27.5°	8210.6	8958.6	9401.9	9437.2	9401.9	8958.6	8210.6	7171.0	5833.7	5082.8	4134.3
-30°	5032.5	5332.4	5473.3	5439.9	5473.3	5332.4	5032.5	4568.2	3961.7	3511.1	3075.6
-32.5°	3397.4	3544.5	3623.5	3634.6	3623.5	3544.5	3397.4	3185.4	2898.5	2635.9	2432.3
-35°	2547.2	2619.1	2656.4	2659.5	2656.4	2619.1	2547.2	2439.7	2299.9	2148.5	2029.4
-37.5°	2059.2	2096.9	2113.8	2103.4	2113.8	2096.9	2059.2	2002.5	1926.0	1830.8	1757.5
-40°	1750.7	1771.5	1784.8	1797.2	1784.8	1771.5	1750.7	1718.0	1673.0	1618.7	1568.3
-42.5°	1535.7	1545.8	1551.5	1555.4	1551.5	1545.8	1535.7	1518.0	1493.0	1460.9	1428.2
-45°	1384.0	1388.6	1389.2	1386.2	1389.2	1388.6	1384.0	1374.2	1360.3	1343.0	1322.9
-47.5°	1267.7	1269.3	1268.6	1265.3	1268.6	1269.3	1267.7	1262.7	1255.4	1245.3	1231.5
-50°	1172.0	1168.2	1164.5	1160.5	1164.5	1168.2	1172.0	1173.2	1171.3	1165.4	1155.8
-52.5°	1100.1	1095.8	1092.0	1088.0	1092.0	1095.8	1100.1	1101.6	1099.7	1094.1	1086.1
-55°	1033.4	1030.7	1027.6	1023.5	1027.6	1030.7	1033.4	1033.7	1031.7	1028.3	1023.0
-57.5°	974.3	973.5	974.3	975.1	974.3	973.5	974.3	973.7	971.4	968.7	963.8
-60°	914.6	915.5	917.6	918.7	917.6	915.5	914.6	911.5	906.2	900.2	893.9
-62.5°	825.8	826.7	832.5	838.1	832.5	826.7	825.8	822.7	817.4	812.9	807.8
-65°	730.3	730.6	736.1	741.4	736.1	730.6	730.3	727.9	723.3	718.7	713.7
-67.5°	640.2	641.8	647.6	652.8	647.6	641.8	640.2	637.3	633.2	629.3	625.5
-70°	555.1	554.1	559.2	564.1	559.2	554.1	555.1	555.0	553.5	550.8	546.9
-72.5°	475.0	473.7	474.9	475.5	474.9	473.7	475.0	475.0	473.6	470.9	467.3
-75°	392.9	393.2	394.4	394.9	394.4	393.2	392.9	391.7	389.6	386.9	384.4
-77.5°	313.0	312.8	313.9	314.3	313.9	312.8	313.0	312.3	310.9	308.7	305.2
-80°	233.2	232.6	233.4	233.7	233.4	232.6	233.2	233.2	232.4	230.7	227.1
-82.5°	159.3	160.4	161.0	161.2	161.0	160.4	159.3	157.9	156.0	153.8	153.2
-85°	87.6	88.2	88.5	88.6	88.5	88.2	87.6	86.9	85.9	84.8	85.3
-87.5°	31.9	32.1	32.2	32.2	32.2	32.1	31.9	31.7	31.4	31.1	30.7
-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: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-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°	30.3	29.7	29.2	28.6	27.9	27.2	26.4	25.5	24.7	23.7	22.8
85°	85.4	85.2	84.6	82.1	79.4	76.5	73.3	70.0	66.5	62.8	58.9
82.5°	152.1	150.7	148.6	143.1	137.4	131.7	126.1	121.1	115.8	110.2	104.3
80°	223.2	219.0	214.2	207.7	200.2	192.0	183.1	174.7	165.9	157.5	149.7
77.5°	300.8	295.2	288.3	279.7	270.3	260.2	249.3	238.2	227.1	215.4	203.2
75°	380.6	375.5	368.2	357.8	346.5	334.2	320.5	305.3	289.9	274.5	259.6
72.5°	462.6	456.7	448.3	436.3	422.7	408.2	392.5	375.1	356.0	335.2	316.2
70°	541.7	535.4	527.3	516.5	502.9	486.9	468.2	447.9	426.4	403.9	380.8
67.5°	619.6	611.7	603.2	593.4	581.5	566.5	546.6	523.1	498.3	472.8	446.2
65°	706.2	696.1	685.0	674.8	662.1	646.7	626.5	603.7	576.5	545.2	511.5
62.5°	800.7	791.5	775.6	758.9	742.2	724.5	701.5	676.8	651.8	622.8	582.6
60°	887.3	878.8	858.2	837.6	817.5	795.8	769.7	743.5	717.2	685.6	648.9
57.5°	956.5	943.2	924.0	904.3	884.4	858.0	830.3	804.2	775.4	744.9	710.7
55°	1015.8	1001.1	981.3	960.0	937.0	910.7	883.0	853.6	826.1	800.8	765.9
52.5°	1076.3	1057.8	1036.5	1013.5	988.1	959.9	930.3	899.4	872.5	846.4	817.0
50°	1142.2	1118.7	1093.1	1066.4	1039.2	1008.7	976.7	943.9	918.1	890.9	861.3
47.5°	1212.9	1185.1	1154.8	1124.4	1092.9	1059.9	1025.1	989.9	961.5	933.5	902.9
45°	1295.9	1260.6	1221.6	1186.7	1149.4	1112.9	1075.5	1039.1	1003.4	971.9	942.5
42.5°	1392.2	1350.2	1305.8	1258.1	1210.2	1168.2	1126.2	1086.9	1047.2	1009.4	975.4
40°	1513.4	1452.1	1400.4	1341.6	1284.8	1227.4	1181.4	1134.2	1090.8	1048.0	1008.8
37.5°	1673.3	1587.7	1513.4	1436.8	1368.8	1300.9	1241.8	1188.1	1134.2	1088.1	1044.2
35°	1888.9	1769.1	1652.6	1553.9	1462.5	1382.4	1307.5	1244.5	1185.0	1128.6	1079.5
32.5°	2194.1	2018.7	1831.6	1698.3	1572.7	1468.7	1380.6	1302.3	1234.3	1172.3	1116.0
30°	2673.0	2363.5	2098.0	1872.6	1710.4	1568.9	1455.1	1363.0	1283.2	1214.3	1151.7
27.5°	3453.4	2822.9	2455.4	2118.3	1867.8	1691.1	1543.3	1423.3	1330.8	1255.3	1186.9
25°	4719.2	3654.8	2911.2	2445.4	2082.3	1821.3	1638.3	1495.5	1382.2	1292.4	1211.9
22.5°	6573.3	4911.9	3632.4	2820.5	2345.0	1999.3	1750.9	1566.5	1428.2	1324.1	1236.6
20°	9497.1	6533.0	4682.9	3428.0	2653.5	2170.1	1870.1	1650.0	1484.5	1358.4	1258.5
17.5°	12999.1	9040.0	5872.5	4082.1	3053.5	2416.7	2009.2	1730.1	1534.2	1389.3	1277.0
15°	16528.1	11662.2	7700.3	5030.4	3489.8	2632.3	2128.8	1799.3	1582.9	1423.2	1300.1
12.5°	20425.4	14471.6	9322.0	5814.4	3939.3	2892.1	2281.3	1892.5	1636.0	1457.0	1322.5
10°	23791.9	17095.8	11271.4	7070.6	4530.5	3164.6	2421.3	1972.4	1680.4	1484.4	1340.0
7.5°	26823.1	19337.7	12906.2	8050.8	4989.1	3380.7	2533.4	2036.0	1713.8	1504.4	1352.3
5°	28974.2	21051.1	14221.3	8791.5	5317.2	3530.5	2611.5	2081.0	1735.8	1516.9	1359.5
2.5°	30316.3	22082.2	15079.1	9231.3	5477.8	3612.4	2660.5	2106.6	1754.3	1530.9	1363.4
0°	30439.1	22009.3	15199.4	9445.2	5375.4	3626.6	2683.7	2111.5	1764.9	1539.3	1362.0
-2.5°	30316.3	22082.2	15079.1	9231.3	5477.8	3612.4	2660.5	2106.6	1754.3	1530.9	1363.4
-5°	28974.2	21051.1	14221.3	8791.5	5317.2	3530.5	2611.5	2081.0	1735.8	1516.9	1359.5
-7.5°	26823.1	19337.7	12906.2	8050.8	4989.1	3380.7	2533.4	2036.0	1713.8	1504.4	1352.3
-10°	23791.9	17095.8	11271.4	7070.6	4530.5	3164.6	2421.3	1972.4	1680.4	1484.4	1340.0
-12.5°	20425.4	14471.6	9322.0	5814.4	3939.3	2892.1	2281.3	1892.5	1636.0	1457.0	1322.5
-15°	16528.1	11662.2	7700.3	5030.4	3489.8	2632.3	2128.8	1799.3	1582.9	1423.2	1300.1
-17.5°	12999.1	9040.0	5872.5	4082.1	3053.5	2416.7	2009.2	1730.1	1534.2	1389.3	1277.0
-20°	9497.1	6533.0	4682.9	3428.0	2653.5	2170.1	1870.1	1650.0	1484.5	1358.4	1258.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6573.3	4911.9	3632.4	2820.5	2345.0	1999.3	1750.9	1566.5	1428.2	1324.1	1236.6
-25°	4719.2	3654.8	2911.2	2445.4	2082.3	1821.3	1638.3	1495.5	1382.2	1292.4	1211.9
-27.5°	3453.4	2822.9	2455.4	2118.3	1867.8	1691.1	1543.3	1423.3	1330.8	1255.3	1186.9
-30°	2673.0	2363.5	2098.0	1872.6	1710.4	1568.9	1455.1	1363.0	1283.2	1214.3	1151.7
-32.5°	2194.1	2018.7	1831.6	1698.3	1572.7	1468.7	1380.6	1302.3	1234.3	1172.3	1116.0
-35°	1888.9	1769.1	1652.6	1553.9	1462.5	1382.4	1307.5	1244.5	1185.0	1128.6	1079.5
-37.5°	1673.3	1587.7	1513.4	1436.8	1368.8	1300.9	1241.8	1188.1	1134.2	1088.1	1044.2
-40°	1513.4	1452.1	1400.4	1341.6	1284.8	1227.4	1181.4	1134.2	1090.8	1048.0	1008.8
-42.5°	1392.2	1350.2	1305.8	1258.1	1210.2	1168.2	1126.2	1086.9	1047.2	1009.4	975.4
-45°	1295.9	1260.6	1221.6	1186.7	1149.4	1112.9	1075.5	1039.1	1003.4	971.9	942.5
-47.5°	1212.9	1185.1	1154.8	1124.4	1092.9	1059.9	1025.1	989.9	961.5	933.5	902.9
-50°	1142.2	1118.7	1093.1	1066.4	1039.2	1008.7	976.7	943.9	918.1	890.9	861.3
-52.5°	1076.3	1057.8	1036.5	1013.5	988.1	959.9	930.3	899.4	872.5	846.4	817.0
-55°	1015.8	1001.1	981.3	960.0	937.0	910.7	883.0	853.6	826.1	800.8	765.9
-57.5°	956.5	943.2	924.0	904.3	884.4	858.0	830.3	804.2	775.4	744.9	710.7
-60°	887.3	878.8	858.2	837.6	817.5	795.8	769.7	743.5	717.2	685.6	648.9
-62.5°	800.7	791.5	775.6	758.9	742.2	724.5	701.5	676.8	651.8	622.8	582.6
-65°	706.2	696.1	685.0	674.8	662.1	646.7	626.5	603.7	576.5	545.2	511.5
-67.5°	619.6	611.7	603.2	593.4	581.5	566.5	546.6	523.1	498.3	472.8	446.2
-70°	541.7	535.4	527.3	516.5	502.9	486.9	468.2	447.9	426.4	403.9	380.8
-72.5°	462.6	456.7	448.3	436.3	422.7	408.2	392.5	375.1	356.0	335.2	316.2
-75°	380.6	375.5	368.2	357.8	346.5	334.2	320.5	305.3	289.9	274.5	259.6
-77.5°	300.8	295.2	288.3	279.7	270.3	260.2	249.3	238.2	227.1	215.4	203.2
-80°	223.2	219.0	214.2	207.7	200.2	192.0	183.1	174.7	165.9	157.5	149.7
-82.5°	152.1	150.7	148.6	143.1	137.4	131.7	126.1	121.1	115.8	110.2	104.3
-85°	85.4	85.2	84.6	82.1	79.4	76.5	73.3	70.0	66.5	62.8	58.9
-87.5°	30.3	29.7	29.2	28.6	27.9	27.2	26.4	25.5	24.7	23.7	22.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-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°	21.8	20.7	19.6	18.5	17.3	16.1	14.9	13.6	12.3	11.0	9.7
85°	54.8	50.6	46.2	41.6	36.9	32.2	29.7	27.2	24.6	22.0	19.3
82.5°	98.2	91.9	85.3	78.5	71.5	64.2	56.8	49.2	41.3	33.6	29.0
80°	141.5	133.0	124.3	115.3	106.1	96.2	86.4	76.1	64.8	54.0	43.7
77.5°	190.5	177.2	163.5	152.1	141.7	130.2	117.6	103.5	88.1	74.2	60.8
75°	244.1	228.1	211.7	195.4	179.8	164.1	149.7	133.2	114.0	94.4	77.7
72.5°	299.4	281.0	261.0	240.6	222.1	203.1	183.6	162.6	140.6	118.2	95.5
70°	357.9	335.1	312.8	289.7	266.0	242.1	219.5	194.3	166.9	141.6	116.0
67.5°	418.5	391.5	364.7	338.5	311.6	283.9	255.6	226.1	195.6	164.7	136.3
65°	480.6	448.6	416.0	386.7	356.6	325.7	294.1	258.2	223.9	189.9	156.2
62.5°	543.8	506.7	470.7	435.1	401.0	366.9	331.4	291.2	252.0	214.7	177.2
60°	607.5	564.9	524.1	484.5	445.4	407.3	367.4	323.3	280.4	238.8	198.4
57.5°	668.4	621.5	575.2	531.9	489.5	447.2	402.5	355.0	307.9	262.8	219.1
55°	727.7	679.7	625.4	576.2	531.0	486.1	436.5	386.1	334.8	286.1	239.2
52.5°	780.0	732.2	675.9	619.5	569.0	522.0	468.9	416.3	362.0	308.4	258.7
50°	827.2	778.9	722.4	662.9	605.4	553.2	499.9	444.2	388.3	330.4	277.6
47.5°	868.1	821.8	766.0	703.8	642.3	583.4	527.9	470.7	413.6	352.9	295.7
45°	905.1	862.9	807.7	743.9	676.6	614.0	554.4	495.7	436.0	374.7	313.2
42.5°	939.7	898.7	848.2	783.1	711.4	643.4	579.7	518.7	457.1	395.3	330.7
40°	970.9	930.0	886.1	819.8	744.4	670.8	604.5	540.5	476.8	414.1	347.6
37.5°	1001.8	959.5	914.0	854.0	775.3	698.9	627.7	561.0	495.9	431.0	363.5
35°	1033.6	988.2	938.5	880.9	804.9	724.8	649.0	580.4	513.8	446.8	378.3
32.5°	1064.1	1014.0	961.0	903.7	832.4	748.3	669.8	599.1	530.5	461.6	391.9
30°	1094.0	1035.2	981.0	927.0	856.4	771.3	690.1	616.5	546.1	475.3	404.3
27.5°	1116.7	1053.7	998.5	945.2	876.6	792.6	709.9	632.6	560.4	488.0	415.3
25°	1137.2	1071.4	1013.6	959.6	896.5	814.6	728.0	647.3	573.5	499.5	425.3
22.5°	1157.7	1086.9	1026.1	971.9	915.3	834.4	745.1	662.0	585.3	509.9	434.4
20°	1175.3	1099.3	1036.5	983.3	927.9	849.9	761.2	675.1	595.7	519.1	442.3
17.5°	1190.4	1112.0	1047.4	992.5	936.5	863.0	775.2	686.5	604.8	527.1	449.3
15°	1205.8	1125.1	1056.7	999.6	944.0	873.7	787.2	696.2	612.5	533.9	455.7
12.5°	1219.0	1134.8	1063.9	1004.8	950.3	882.0	797.0	704.1	618.8	540.2	461.7
10°	1229.3	1141.2	1069.0	1008.0	955.2	888.1	804.8	711.5	626.3	545.9	466.7
7.5°	1236.5	1144.4	1072.0	1009.3	958.7	893.5	812.3	719.7	633.0	550.4	470.5
5°	1241.4	1145.8	1073.8	1012.3	960.7	898.5	817.8	726.0	638.3	553.5	473.3
2.5°	1247.2	1146.4	1074.0	1014.6	960.8	901.6	821.0	730.6	642.3	555.5	474.9
0°	1249.2	1144.4	1071.9	1015.4	959.0	902.6	822.0	733.4	644.7	556.1	475.5
-2.5°	1247.2	1146.4	1074.0	1014.6	960.8	901.6	821.0	730.6	642.3	555.5	474.9
-5°	1241.4	1145.8	1073.8	1012.3	960.7	898.5	817.8	726.0	638.3	553.5	473.3
-7.5°	1236.5	1144.4	1072.0	1009.3	958.7	893.5	812.3	719.7	633.0	550.4	470.5
-10°	1229.3	1141.2	1069.0	1008.0	955.2	888.1	804.8	711.5	626.3	545.9	466.7
-12.5°	1219.0	1134.8	1063.9	1004.8	950.3	882.0	797.0	704.1	618.8	540.2	461.7
-15°	1205.8	1125.1	1056.7	999.6	944.0	873.7	787.2	696.2	612.5	533.9	455.7
-17.5°	1190.4	1112.0	1047.4	992.5	936.5	863.0	775.2	686.5	604.8	527.1	449.3
-20°	1175.3	1099.3	1036.5	983.3	927.9	849.9	761.2	675.1	595.7	519.1	442.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1157.7	1086.9	1026.1	971.9	915.3	834.4	745.1	662.0	585.3	509.9	434.4
-25°	1137.2	1071.4	1013.6	959.6	896.5	814.6	728.0	647.3	573.5	499.5	425.3
-27.5°	1116.7	1053.7	998.5	945.2	876.6	792.6	709.9	632.6	560.4	488.0	415.3
-30°	1094.0	1035.2	981.0	927.0	856.4	771.3	690.1	616.5	546.1	475.3	404.3
-32.5°	1064.1	1014.0	961.0	903.7	832.4	748.3	669.8	599.1	530.5	461.6	391.9
-35°	1033.6	988.2	938.5	880.9	804.9	724.8	649.0	580.4	513.8	446.8	378.3
-37.5°	1001.8	959.5	914.0	854.0	775.3	698.9	627.7	561.0	495.9	431.0	363.5
-40°	970.9	930.0	886.1	819.8	744.4	670.8	604.5	540.5	476.8	414.1	347.6
-42.5°	939.7	898.7	848.2	783.1	711.4	643.4	579.7	518.7	457.1	395.3	330.7
-45°	905.1	862.9	807.7	743.9	676.6	614.0	554.4	495.7	436.0	374.7	313.2
-47.5°	868.1	821.8	766.0	703.8	642.3	583.4	527.9	470.7	413.6	352.9	295.7
-50°	827.2	778.9	722.4	662.9	605.4	553.2	499.9	444.2	388.3	330.4	277.6
-52.5°	780.0	732.2	675.9	619.5	569.0	522.0	468.9	416.3	362.0	308.4	258.7
-55°	727.7	679.7	625.4	576.2	531.0	486.1	436.5	386.1	334.8	286.1	239.2
-57.5°	668.4	621.5	575.2	531.9	489.5	447.2	402.5	355.0	307.9	262.8	219.1
-60°	607.5	564.9	524.1	484.5	445.4	407.3	367.4	323.3	280.4	238.8	198.4
-62.5°	543.8	506.7	470.7	435.1	401.0	366.9	331.4	291.2	252.0	214.7	177.2
-65°	480.6	448.6	416.0	386.7	356.6	325.7	294.1	258.2	223.9	189.9	156.2
-67.5°	418.5	391.5	364.7	338.5	311.6	283.9	255.6	226.1	195.6	164.7	136.3
-70°	357.9	335.1	312.8	289.7	266.0	242.1	219.5	194.3	166.9	141.6	116.0
-72.5°	299.4	281.0	261.0	240.6	222.1	203.1	183.6	162.6	140.6	118.2	95.5
-75°	244.1	228.1	211.7	195.4	179.8	164.1	149.7	133.2	114.0	94.4	77.7
-77.5°	190.5	177.2	163.5	152.1	141.7	130.2	117.6	103.5	88.1	74.2	60.8
-80°	141.5	133.0	124.3	115.3	106.1	96.2	86.4	76.1	64.8	54.0	43.7
-82.5°	98.2	91.9	85.3	78.5	71.5	64.2	56.8	49.2	41.3	33.6	29.0
-85°	54.8	50.6	46.2	41.6	36.9	32.2	29.7	27.2	24.6	22.0	19.3
-87.5°	21.8	20.7	19.6	18.5	17.3	16.1	14.9	13.6	12.3	11.0	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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-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°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
85°	16.6	13.9	11.2	8.4	5.6	2.8	0.0
82.5°	24.9	20.9	16.7	12.6	8.4	4.2	0.0
80°	33.9	27.7	22.3	16.7	11.2	5.6	0.0
77.5°	48.2	36.4	27.7	20.9	13.9	7.0	0.0
75°	62.5	48.2	33.9	24.9	16.6	8.3	0.0
72.5°	76.5	60.0	43.3	29.0	19.3	9.7	0.0
70°	90.9	71.6	52.6	33.5	22.0	11.0	0.0
67.5°	108.5	83.0	61.8	40.4	24.6	12.3	0.0
65°	125.8	95.8	70.7	47.1	27.2	13.6	0.0
62.5°	142.7	110.0	79.6	53.8	29.7	14.9	0.0
60°	159.3	123.8	88.2	60.2	32.2	16.1	0.0
57.5°	176.8	137.3	98.9	66.5	36.4	17.3	0.0
55°	193.8	150.5	109.4	72.7	40.4	18.5	0.0
52.5°	210.1	163.4	119.6	78.6	44.4	19.6	0.0
50°	225.9	176.4	129.5	84.4	48.3	20.7	0.0
47.5°	241.0	188.8	139.0	90.3	52.0	21.8	0.0
45°	255.9	200.7	148.2	97.2	55.5	22.8	0.0
42.5°	270.2	211.9	157.0	103.8	58.9	23.7	0.0
40°	283.9	222.5	165.5	110.0	62.2	24.7	0.0
37.5°	296.8	232.5	173.5	115.8	65.2	25.5	0.0
35°	309.0	242.4	181.0	121.1	68.2	26.4	0.0
32.5°	320.5	251.9	188.0	126.1	70.9	27.2	0.0
30°	331.4	260.7	194.5	130.7	73.5	27.9	0.0
27.5°	341.4	268.8	200.4	134.8	75.8	28.6	0.0
25°	350.4	276.3	205.8	138.6	78.0	29.2	0.0
22.5°	358.4	283.0	210.9	141.9	80.0	29.7	0.0
20°	365.4	288.9	215.4	144.8	81.8	30.3	0.0
17.5°	371.8	293.9	219.6	147.3	83.4	30.7	0.0
15°	377.7	298.1	223.2	149.3	84.7	31.1	0.0
12.5°	382.8	301.4	226.3	150.9	85.9	31.4	0.0
10°	387.0	303.9	228.9	152.2	86.9	31.7	0.0
7.5°	390.4	305.6	231.0	153.0	87.6	31.9	0.0
5°	392.9	306.6	232.5	153.4	88.2	32.1	0.0
2.5°	394.4	306.7	233.4	153.4	88.5	32.2	0.0
0°	394.9	306.2	233.7	153.1	88.6	32.2	0.0
-2.5°	394.4	306.7	233.4	153.4	88.5	32.2	0.0
-5°	392.9	306.6	232.5	153.4	88.2	32.1	0.0
-7.5°	390.4	305.6	231.0	153.0	87.6	31.9	0.0
-10°	387.0	303.9	228.9	152.2	86.9	31.7	0.0
-12.5°	382.8	301.4	226.3	150.9	85.9	31.4	0.0
-15°	377.7	298.1	223.2	149.3	84.7	31.1	0.0
-17.5°	371.8	293.9	219.6	147.3	83.4	30.7	0.0
-20°	365.4	288.9	215.4	144.8	81.8	30.3	0.0

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Scaled Data Report



REPORT NUMBER: P627705 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	358.4	283.0	210.9	141.9	80.0	29.7	0.0
-25°	350.4	276.3	205.8	138.6	78.0	29.2	0.0
-27.5°	341.4	268.8	200.4	134.8	75.8	28.6	0.0
-30°	331.4	260.7	194.5	130.7	73.5	27.9	0.0
-32.5°	320.5	251.9	188.0	126.1	70.9	27.2	0.0
-35°	309.0	242.4	181.0	121.1	68.2	26.4	0.0
-37.5°	296.8	232.5	173.5	115.8	65.2	25.5	0.0
-40°	283.9	222.5	165.5	110.0	62.2	24.7	0.0
-42.5°	270.2	211.9	157.0	103.8	58.9	23.7	0.0
-45°	255.9	200.7	148.2	97.2	55.5	22.8	0.0
-47.5°	241.0	188.8	139.0	90.3	52.0	21.8	0.0
-50°	225.9	176.4	129.5	84.4	48.3	20.7	0.0
-52.5°	210.1	163.4	119.6	78.6	44.4	19.6	0.0
-55°	193.8	150.5	109.4	72.7	40.4	18.5	0.0
-57.5°	176.8	137.3	98.9	66.5	36.4	17.3	0.0
-60°	159.3	123.8	88.2	60.2	32.2	16.1	0.0
-62.5°	142.7	110.0	79.6	53.8	29.7	14.9	0.0
-65°	125.8	95.8	70.7	47.1	27.2	13.6	0.0
-67.5°	108.5	83.0	61.8	40.4	24.6	12.3	0.0
-70°	90.9	71.6	52.6	33.5	22.0	11.0	0.0
-72.5°	76.5	60.0	43.3	29.0	19.3	9.7	0.0
-75°	62.5	48.2	33.9	24.9	16.6	8.3	0.0
-77.5°	48.2	36.4	27.7	20.9	13.9	7.0	0.0
-80°	33.9	27.7	22.3	16.7	11.2	5.6	0.0
-82.5°	24.9	20.9	16.7	12.6	8.4	4.2	0.0
-85°	16.6	13.9	11.2	8.4	5.6	2.8	0.0
-87.5°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)