

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: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627655 (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-SA5C-750-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N127
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

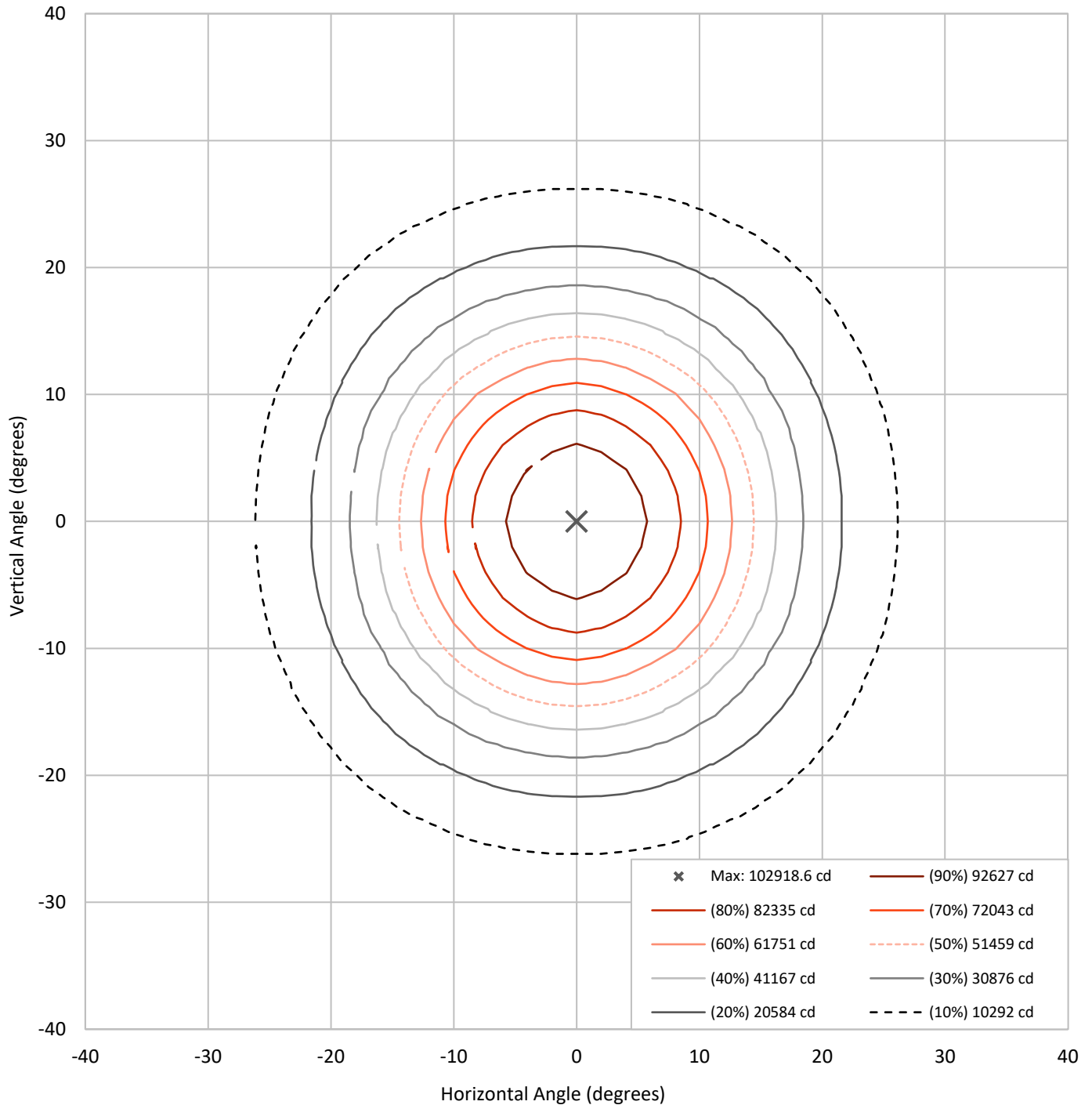
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	32155.3 lumens	Max Intensity:	102918.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	156.0 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:	15633.5 lumens	Field Lumens:	26382.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	206.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





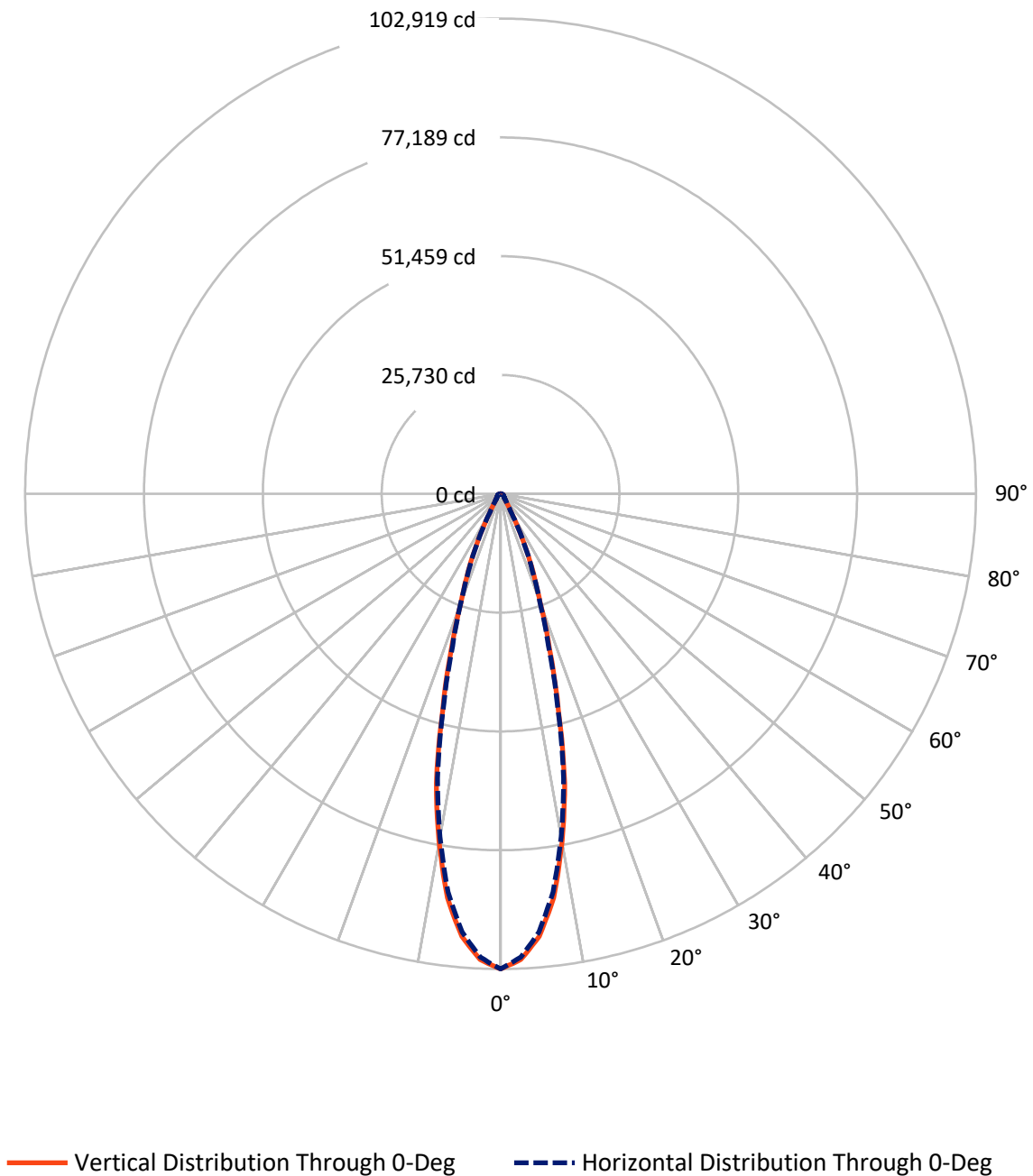
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Lumen Table

90																			
80	0.6	5.3		14.0		22.1		24.5		22.1		14.0		5.3	0.6				
70																			
60	2.4	2.8	5.6	9.1	12.7	15.6	17.4	18.3	18.3	17.4	15.6	12.7	9.1	5.6	2.8	2.4			
50		4.1	8.3	13.4	18.0	22.1	24.8	25.7	25.7	24.8	22.1	18.0	13.4	8.3	4.1				
40	4.2	5.3	10.7	16.5	22.0	27.9	32.7	35.2	35.2	32.7	27.9	22.0	16.5	10.7	5.3	4.2			
30		6.2	12.5	19.1	27.0	38.5	55.7	72.4	72.4	55.7	38.5	27.0	19.1	12.5	6.2				
20	5.4	7.0	13.7	21.5	34.6	75.2	211.7	375.4	375.4	211.7	75.2	34.6	21.5	13.7	7.0	5.4			
10		7.5	14.3	23.4	47.1	197.4	703.4	1347.9	1347.9	703.4	197.4	47.1	23.4	14.3	7.5				
0	5.8	7.8	14.6	24.6	59.8	340.7	1301.9	2560.9	2560.9	1301.9	340.7	59.8	24.6	14.6	7.8	5.8			
-10		7.8	14.6	24.6	59.8	340.7	1301.9	2560.9	2560.9	1301.9	340.7	59.8	24.6	14.6	7.8				
-20	5.4	7.5	14.3	23.4	47.1	197.4	703.4	1347.9	1347.9	703.4	197.4	47.1	23.4	14.3	7.5	5.4			
-30		7.0	13.7	21.5	34.6	75.2	211.7	375.4	375.4	211.7	75.2	34.6	21.5	13.7	7.0				
-40	4.2	6.2	12.5	19.1	27.0	38.5	55.7	72.4	72.4	55.7	38.5	27.0	19.1	12.5	6.2	4.2			
-50		5.3	10.7	16.5	22.0	27.9	32.7	35.2	35.2	32.7	27.9	22.0	16.5	10.7	5.3				
-60	2.4	4.1	8.3	13.4	18.0	22.1	24.8	25.7	25.7	24.8	22.1	18.0	13.4	8.3	4.1	2.4			
-70		2.8	5.6	9.1	12.7	15.6	17.4	18.3	18.3	17.4	15.6	12.7	9.1	5.6	2.8				
-80																			
-90	0.6	5.3		14.0		22.1		24.5		22.1		14.0		5.3	0.6				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

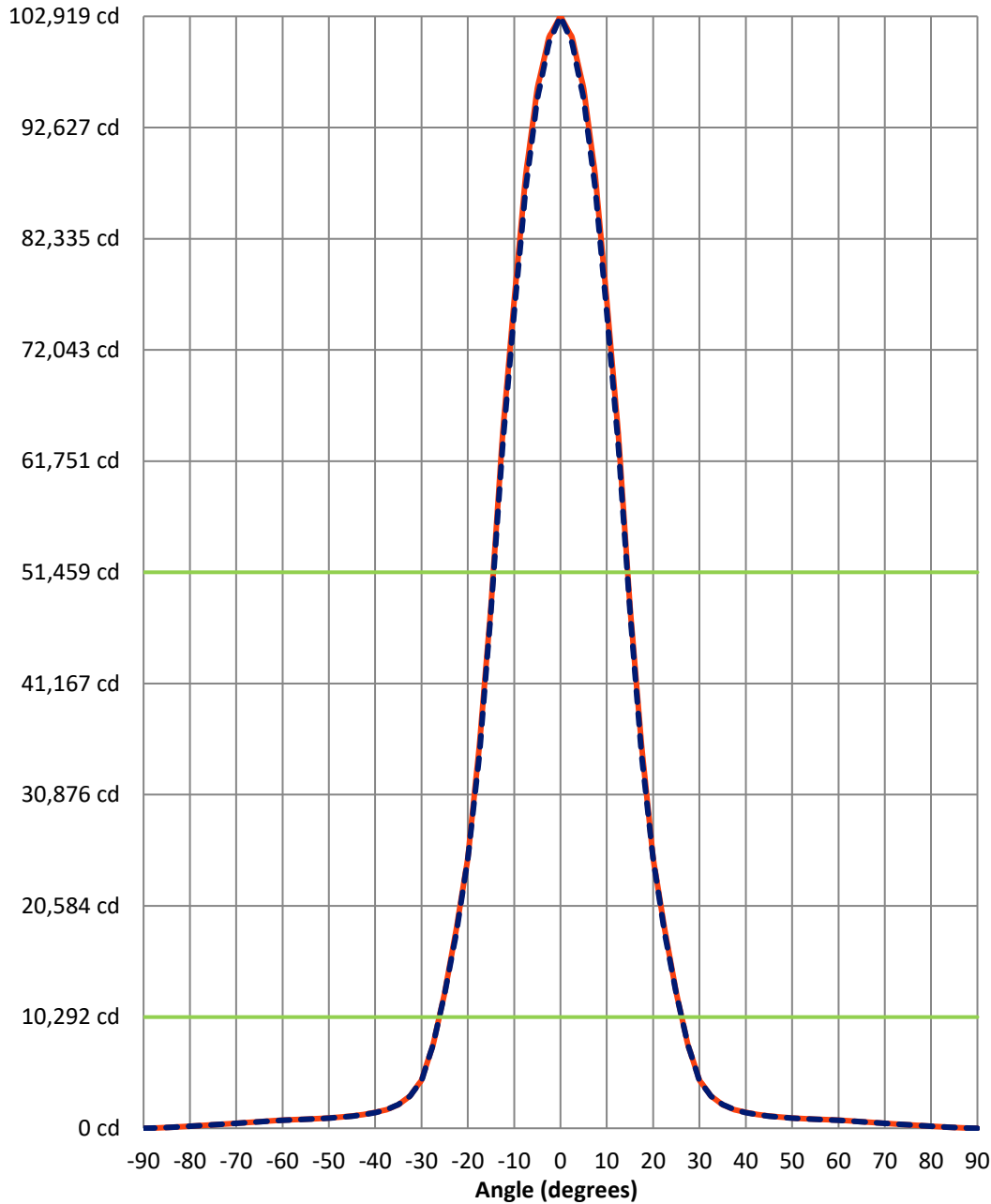
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 15633.5
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 26382.9
 Efficiency: 82.0%

Spill:
 Lumens: 5772.4
 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	1.2	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.2
85°	0.0	2.3	4.6	6.9	9.2	11.4	13.6	15.9	18.0	20.2	22.3
82.5°	0.0	3.4	6.9	10.3	13.7	17.1	20.4	23.8	27.6	33.8	40.4
80°	0.0	4.6	9.2	13.7	18.2	22.7	27.8	35.8	44.3	53.2	62.4
77.5°	0.0	5.7	11.4	17.1	22.7	29.8	39.6	49.9	60.8	72.3	84.9
75°	0.0	6.8	13.6	20.4	27.8	39.6	51.2	63.8	77.5	93.4	109.2
72.5°	0.0	7.9	15.9	23.8	35.5	49.2	62.8	78.3	96.9	115.2	133.3
70°	0.0	9.0	18.0	27.5	43.2	58.7	74.6	95.2	116.1	136.8	159.3
67.5°	0.0	10.1	20.2	33.1	50.7	68.1	89.0	111.7	135.0	160.4	185.4
65°	0.0	11.2	22.3	38.7	58.0	78.6	103.1	128.0	155.7	183.6	211.7
62.5°	0.0	12.2	24.4	44.1	65.3	90.2	117.0	145.2	176.0	206.6	238.7
60°	0.0	13.2	26.4	49.4	72.3	101.5	130.6	162.6	195.8	229.9	265.0
57.5°	0.0	14.2	29.8	54.6	81.1	112.6	144.9	179.6	215.4	252.4	291.0
55°	0.0	15.1	33.2	59.6	89.7	123.3	158.8	196.1	234.5	274.4	316.5
52.5°	0.0	16.1	36.4	64.5	98.1	133.9	172.2	212.0	252.8	296.7	341.2
50°	0.0	17.0	39.6	69.2	106.2	144.5	185.1	227.5	270.8	318.2	364.2
47.5°	0.0	17.8	42.6	74.1	114.0	154.7	197.5	242.4	289.2	339.0	385.8
45°	0.0	18.7	45.5	79.7	121.5	164.5	209.8	256.7	307.1	357.4	406.4
42.5°	0.0	19.5	48.3	85.1	128.7	173.7	221.5	271.0	324.0	374.7	425.2
40°	0.0	20.2	51.0	90.2	135.6	182.4	232.7	284.9	339.5	390.9	443.0
37.5°	0.0	20.9	53.5	94.9	142.2	190.6	243.2	297.9	353.3	406.5	459.9
35°	0.0	21.6	55.9	99.3	148.4	198.7	253.2	310.0	366.2	421.1	475.7
32.5°	0.0	22.3	58.2	103.4	154.1	206.5	262.7	321.3	378.4	434.9	491.1
30°	0.0	22.9	60.3	107.1	159.5	213.7	271.6	331.4	389.7	447.6	505.4
27.5°	0.0	23.4	62.2	110.5	164.3	220.4	279.8	340.5	400.0	459.3	518.5
25°	0.0	23.9	64.0	113.6	168.7	226.5	287.2	348.7	409.5	470.1	530.6
22.5°	0.0	24.4	65.6	116.3	172.9	232.0	293.7	356.1	418.0	479.7	542.7
20°	0.0	24.8	67.1	118.7	176.6	236.8	299.5	362.6	425.5	488.3	553.4
17.5°	0.0	25.2	68.4	120.7	180.0	240.9	304.8	368.3	432.0	495.7	562.8
15°	0.0	25.5	69.5	122.4	183.0	244.3	309.6	373.6	437.6	502.1	570.7
12.5°	0.0	25.8	70.5	123.7	185.5	247.0	313.8	378.5	442.8	507.2	577.2
10°	0.0	26.0	71.3	124.7	187.7	249.1	317.2	382.5	447.4	513.4	583.3
7.5°	0.0	26.2	71.9	125.4	189.4	250.5	320.0	385.7	451.1	518.8	590.0
5°	0.0	26.3	72.3	125.8	190.6	251.3	322.0	388.0	453.7	523.2	595.2
2.5°	0.0	26.4	72.6	125.8	191.3	251.4	323.3	389.3	455.3	526.5	598.9
0°	0.0	26.4	72.7	125.5	191.6	251.0	323.7	389.8	455.8	528.5	601.2
-2.5°	0.0	26.4	72.6	125.8	191.3	251.4	323.3	389.3	455.3	526.5	598.9
-5°	0.0	26.3	72.3	125.8	190.6	251.3	322.0	388.0	453.7	523.2	595.2
-7.5°	0.0	26.2	71.9	125.4	189.4	250.5	320.0	385.7	451.1	518.8	590.0
-10°	0.0	26.0	71.3	124.7	187.7	249.1	317.2	382.5	447.4	513.4	583.3
-12.5°	0.0	25.8	70.5	123.7	185.5	247.0	313.8	378.5	442.8	507.2	577.2
-15°	0.0	25.5	69.5	122.4	183.0	244.3	309.6	373.6	437.6	502.1	570.7
-17.5°	0.0	25.2	68.4	120.7	180.0	240.9	304.8	368.3	432.0	495.7	562.8
-20°	0.0	24.8	67.1	118.7	176.6	236.8	299.5	362.6	425.5	488.3	553.4

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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	24.4	65.6	116.3	172.9	232.0	293.7	356.1	418.0	479.7	542.7
-25°	0.0	23.9	64.0	113.6	168.7	226.5	287.2	348.7	409.5	470.1	530.6
-27.5°	0.0	23.4	62.2	110.5	164.3	220.4	279.8	340.5	400.0	459.3	518.5
-30°	0.0	22.9	60.3	107.1	159.5	213.7	271.6	331.4	389.7	447.6	505.4
-32.5°	0.0	22.3	58.2	103.4	154.1	206.5	262.7	321.3	378.4	434.9	491.1
-35°	0.0	21.6	55.9	99.3	148.4	198.7	253.2	310.0	366.2	421.1	475.7
-37.5°	0.0	20.9	53.5	94.9	142.2	190.6	243.2	297.9	353.3	406.5	459.9
-40°	0.0	20.2	51.0	90.2	135.6	182.4	232.7	284.9	339.5	390.9	443.0
-42.5°	0.0	19.5	48.3	85.1	128.7	173.7	221.5	271.0	324.0	374.7	425.2
-45°	0.0	18.7	45.5	79.7	121.5	164.5	209.8	256.7	307.1	357.4	406.4
-47.5°	0.0	17.8	42.6	74.1	114.0	154.7	197.5	242.4	289.2	339.0	385.8
-50°	0.0	17.0	39.6	69.2	106.2	144.5	185.1	227.5	270.8	318.2	364.2
-52.5°	0.0	16.1	36.4	64.5	98.1	133.9	172.2	212.0	252.8	296.7	341.2
-55°	0.0	15.1	33.2	59.6	89.7	123.3	158.8	196.1	234.5	274.4	316.5
-57.5°	0.0	14.2	29.8	54.6	81.1	112.6	144.9	179.6	215.4	252.4	291.0
-60°	0.0	13.2	26.4	49.4	72.3	101.5	130.6	162.6	195.8	229.9	265.0
-62.5°	0.0	12.2	24.4	44.1	65.3	90.2	117.0	145.2	176.0	206.6	238.7
-65°	0.0	11.2	22.3	38.7	58.0	78.6	103.1	128.0	155.7	183.6	211.7
-67.5°	0.0	10.1	20.2	33.1	50.7	68.1	89.0	111.7	135.0	160.4	185.4
-70°	0.0	9.0	18.0	27.5	43.2	58.7	74.6	95.2	116.1	136.8	159.3
-72.5°	0.0	7.9	15.9	23.8	35.5	49.2	62.8	78.3	96.9	115.2	133.3
-75°	0.0	6.8	13.6	20.4	27.8	39.6	51.2	63.8	77.5	93.4	109.2
-77.5°	0.0	5.7	11.4	17.1	22.7	29.8	39.6	49.9	60.8	72.3	84.9
-80°	0.0	4.6	9.2	13.7	18.2	22.7	27.8	35.8	44.3	53.2	62.4
-82.5°	0.0	3.4	6.9	10.3	13.7	17.1	20.4	23.8	27.6	33.8	40.4
-85°	0.0	2.3	4.6	6.9	9.2	11.4	13.6	15.9	18.0	20.2	22.3
-87.5°	0.0	1.2	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.2
-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°	12.2	13.2	14.2	15.1	16.1	17.0	17.8	18.7	19.5	20.2	20.9
85°	24.4	26.4	30.3	34.1	37.9	41.5	44.9	48.3	51.5	54.5	57.4
82.5°	46.6	52.7	58.6	64.4	69.9	75.3	80.5	85.5	90.3	94.9	99.2
80°	70.8	78.9	87.0	94.5	101.9	109.1	116.0	122.7	129.1	135.9	143.2
77.5°	96.4	106.7	116.1	124.7	134.0	145.2	156.1	166.6	176.6	186.1	195.2
75°	122.7	134.5	147.4	160.1	173.5	187.0	200.1	212.7	225.0	237.6	250.3
72.5°	150.5	166.5	182.1	197.2	214.0	230.4	245.4	259.1	274.7	291.8	307.5
70°	179.9	198.4	218.0	237.5	256.4	274.7	293.3	312.1	331.1	349.5	367.1
67.5°	209.5	232.8	255.4	277.5	299.0	320.9	343.0	365.7	387.5	408.4	428.8
65°	241.1	267.0	292.3	317.0	341.0	367.7	393.9	419.2	446.9	472.6	494.9
62.5°	271.7	300.7	328.7	356.6	385.8	415.4	445.7	477.6	510.5	534.3	554.8
60°	301.2	333.9	365.1	397.2	429.6	463.0	498.0	531.9	562.0	588.0	609.5
57.5°	329.9	366.6	401.2	436.0	471.5	509.5	548.0	582.6	610.6	635.6	659.2
55°	357.8	398.5	435.3	472.3	512.7	557.2	596.5	627.8	656.5	677.2	699.8
52.5°	384.4	427.9	466.4	507.9	554.0	600.2	639.4	669.7	693.8	715.3	737.3
50°	409.7	453.5	496.3	543.4	592.1	638.5	678.1	706.1	730.3	752.6	773.7
47.5°	432.8	478.2	526.5	576.9	627.9	673.6	711.7	740.1	765.2	788.1	811.5
45°	454.4	503.3	554.6	609.8	662.1	707.4	742.0	772.6	796.7	822.5	851.7
42.5°	475.2	527.4	583.1	642.0	695.3	736.8	770.2	799.6	827.5	858.4	891.0
40°	495.5	549.9	610.2	672.0	726.4	762.3	795.9	827.0	859.1	894.2	929.8
37.5°	514.5	572.9	635.6	700.1	749.2	786.5	821.3	855.9	891.9	929.8	973.9
35°	532.0	594.1	659.8	722.2	769.3	810.1	847.3	884.8	925.2	971.4	1020.1
32.5°	549.0	613.4	682.3	740.8	787.7	831.2	872.2	914.8	960.9	1011.8	1067.5
30°	565.7	632.3	702.0	759.8	804.1	848.6	896.7	944.1	995.3	1051.9	1117.3
27.5°	581.9	649.8	718.5	774.8	818.5	863.7	915.4	972.9	1029.0	1090.9	1166.7
25°	596.8	667.8	734.9	786.6	830.9	878.3	932.2	993.4	1059.4	1133.0	1225.8
22.5°	610.9	684.0	750.3	796.7	841.2	890.9	949.0	1013.7	1085.4	1170.7	1284.1
20°	624.0	696.7	760.6	806.0	849.7	901.1	963.4	1031.6	1113.5	1216.9	1352.5
17.5°	635.5	707.4	767.7	813.6	858.6	911.5	975.8	1046.8	1138.9	1257.6	1418.2
15°	645.3	716.2	773.8	819.4	866.2	922.3	988.4	1065.8	1166.6	1297.5	1474.9
12.5°	653.4	723.0	778.9	823.7	872.1	930.2	999.2	1084.2	1194.4	1341.1	1551.3
10°	659.7	728.0	783.0	826.3	876.3	935.5	1007.7	1098.5	1216.8	1377.5	1616.8
7.5°	665.9	732.4	785.8	827.4	878.7	938.1	1013.6	1108.6	1233.2	1404.8	1669.0
5°	670.4	736.6	787.5	829.9	880.2	939.3	1017.6	1114.5	1243.5	1422.9	1705.8
2.5°	673.0	739.1	787.5	831.7	880.3	939.8	1022.3	1117.7	1254.9	1438.1	1726.8
0°	673.8	739.9	786.1	832.4	878.6	938.1	1024.0	1116.5	1261.8	1446.8	1730.8
-2.5°	673.0	739.1	787.5	831.7	880.3	939.8	1022.3	1117.7	1254.9	1438.1	1726.8
-5°	670.4	736.6	787.5	829.9	880.2	939.3	1017.6	1114.5	1243.5	1422.9	1705.8
-7.5°	665.9	732.4	785.8	827.4	878.7	938.1	1013.6	1108.6	1233.2	1404.8	1669.0
-10°	659.7	728.0	783.0	826.3	876.3	935.5	1007.7	1098.5	1216.8	1377.5	1616.8
-12.5°	653.4	723.0	778.9	823.7	872.1	930.2	999.2	1084.2	1194.4	1341.1	1551.3
-15°	645.3	716.2	773.8	819.4	866.2	922.3	988.4	1065.8	1166.6	1297.5	1474.9
-17.5°	635.5	707.4	767.7	813.6	858.6	911.5	975.8	1046.8	1138.9	1257.6	1418.2
-20°	624.0	696.7	760.6	806.0	849.7	901.1	963.4	1031.6	1113.5	1216.9	1352.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	610.9	684.0	750.3	796.7	841.2	890.9	949.0	1013.7	1085.4	1170.7	1284.1
-25°	596.8	667.8	734.9	786.6	830.9	878.3	932.2	993.4	1059.4	1133.0	1225.8
-27.5°	581.9	649.8	718.5	774.8	818.5	863.7	915.4	972.9	1029.0	1090.9	1166.7
-30°	565.7	632.3	702.0	759.8	804.1	848.6	896.7	944.1	995.3	1051.9	1117.3
-32.5°	549.0	613.4	682.3	740.8	787.7	831.2	872.2	914.8	960.9	1011.8	1067.5
-35°	532.0	594.1	659.8	722.2	769.3	810.1	847.3	884.8	925.2	971.4	1020.1
-37.5°	514.5	572.9	635.6	700.1	749.2	786.5	821.3	855.9	891.9	929.8	973.9
-40°	495.5	549.9	610.2	672.0	726.4	762.3	795.9	827.0	859.1	894.2	929.8
-42.5°	475.2	527.4	583.1	642.0	695.3	736.8	770.2	799.6	827.5	858.4	891.0
-45°	454.4	503.3	554.6	609.8	662.1	707.4	742.0	772.6	796.7	822.5	851.7
-47.5°	432.8	478.2	526.5	576.9	627.9	673.6	711.7	740.1	765.2	788.1	811.5
-50°	409.7	453.5	496.3	543.4	592.1	638.5	678.1	706.1	730.3	752.6	773.7
-52.5°	384.4	427.9	466.4	507.9	554.0	600.2	639.4	669.7	693.8	715.3	737.3
-55°	357.8	398.5	435.3	472.3	512.7	557.2	596.5	627.8	656.5	677.2	699.8
-57.5°	329.9	366.6	401.2	436.0	471.5	509.5	548.0	582.6	610.6	635.6	659.2
-60°	301.2	333.9	365.1	397.2	429.6	463.0	498.0	531.9	562.0	588.0	609.5
-62.5°	271.7	300.7	328.7	356.6	385.8	415.4	445.7	477.6	510.5	534.3	554.8
-65°	241.1	267.0	292.3	317.0	341.0	367.7	393.9	419.2	446.9	472.6	494.9
-67.5°	209.5	232.8	255.4	277.5	299.0	320.9	343.0	365.7	387.5	408.4	428.8
-70°	179.9	198.4	218.0	237.5	256.4	274.7	293.3	312.1	331.1	349.5	367.1
-72.5°	150.5	166.5	182.1	197.2	214.0	230.4	245.4	259.1	274.7	291.8	307.5
-75°	122.7	134.5	147.4	160.1	173.5	187.0	200.1	212.7	225.0	237.6	250.3
-77.5°	96.4	106.7	116.1	124.7	134.0	145.2	156.1	166.6	176.6	186.1	195.2
-80°	70.8	78.9	87.0	94.5	101.9	109.1	116.0	122.7	129.1	135.9	143.2
-82.5°	46.6	52.7	58.6	64.4	69.9	75.3	80.5	85.5	90.3	94.9	99.2
-85°	24.4	26.4	30.3	34.1	37.9	41.5	44.9	48.3	51.5	54.5	57.4
-87.5°	12.2	13.2	14.2	15.1	16.1	17.0	17.8	18.7	19.5	20.2	20.9
-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: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-750-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°	21.6	22.3	22.9	23.4	23.9	24.4	24.8	25.2	25.5	25.8	26.0
85°	60.1	62.7	65.1	67.3	69.4	69.9	70.0	69.9	69.6	70.5	71.3
82.5°	103.3	108.0	112.7	117.3	121.8	123.5	124.7	125.6	126.1	127.9	129.4
80°	150.0	157.3	164.1	170.2	175.6	179.5	183.0	186.2	189.1	190.5	191.1
77.5°	204.3	213.3	221.6	229.3	236.4	242.0	246.5	250.2	253.0	254.8	256.0
75°	262.8	274.0	284.0	293.3	301.9	307.8	312.0	315.0	317.1	319.3	321.1
72.5°	321.8	334.5	346.4	357.6	367.4	374.3	379.2	383.1	386.0	388.3	389.4
70°	383.8	399.1	412.2	423.4	432.3	438.9	444.1	448.3	451.5	453.7	454.9
67.5°	448.1	464.4	476.7	486.5	494.5	501.5	507.9	512.7	515.9	519.0	522.4
65°	513.5	530.1	542.7	553.1	561.5	570.6	578.9	585.1	589.2	592.9	596.7
62.5°	575.0	593.9	608.4	622.0	635.8	648.8	656.4	662.2	666.4	670.1	674.4
60°	631.0	652.3	670.1	686.6	703.5	720.4	727.3	732.8	737.9	742.8	747.1
57.5°	680.6	703.3	725.0	741.3	757.4	773.2	784.0	790.1	794.1	796.3	798.1
55°	723.9	746.5	768.1	786.9	804.4	820.6	832.8	838.6	842.9	845.7	847.4
52.5°	762.6	786.8	810.0	830.8	849.6	867.1	882.2	890.3	896.8	901.5	903.0
50°	800.6	826.9	851.9	874.1	896.0	917.0	936.3	947.5	955.3	960.1	961.7
47.5°	840.3	868.8	895.8	921.7	946.6	971.5	994.3	1009.5	1020.8	1029.1	1035.1
45°	881.6	912.3	942.2	972.7	1001.4	1033.4	1062.3	1084.5	1100.9	1115.1	1126.5
42.5°	923.2	957.7	992.0	1031.3	1070.4	1106.8	1141.3	1170.7	1197.5	1223.8	1244.3
40°	968.5	1006.1	1053.2	1099.7	1148.0	1190.3	1240.5	1285.5	1326.8	1371.4	1408.3
37.5°	1017.9	1066.3	1122.0	1177.8	1240.6	1301.4	1371.6	1440.7	1500.7	1578.8	1641.5
35°	1071.7	1133.1	1198.8	1273.7	1354.7	1450.2	1548.3	1663.5	1761.2	1885.3	1999.9
32.5°	1131.7	1203.9	1289.2	1392.2	1501.4	1654.7	1798.6	1993.8	2160.7	2376.0	2611.2
30°	1192.7	1286.0	1402.1	1535.0	1719.8	1937.4	2191.1	2521.1	2878.1	3247.5	3744.7
27.5°	1265.0	1386.2	1531.1	1736.4	2012.8	2314.0	2830.9	3389.0	4166.4	4782.0	5878.2
25°	1342.9	1492.9	1706.9	2004.6	2386.4	2996.0	3868.5	4878.8	6434.5	7818.4	9408.8
22.5°	1435.2	1638.9	1922.3	2312.0	2977.6	4026.4	5388.3	7463.0	9769.3	12045.6	14126.1
20°	1532.9	1778.9	2175.2	2810.0	3838.7	5355.3	7785.0	10749.6	13811.4	16931.0	19559.9
17.5°	1647.0	1981.1	2503.0	3346.2	4813.8	7410.3	10655.7	14425.3	18425.4	22406.1	25863.8
15°	1745.1	2157.8	2860.6	4123.5	6312.1	9559.8	13548.6	18309.5	23339.8	28505.8	34104.8
12.5°	1870.1	2370.8	3229.1	4766.2	7641.4	11862.8	16743.3	22270.8	28413.4	35272.7	44001.6
10°	1984.8	2594.1	3713.8	5796.0	9239.5	14014.0	19502.8	25774.0	33741.5	44049.3	54578.4
7.5°	2076.7	2771.3	4089.7	6599.5	10579.6	15851.7	21987.6	29506.4	39446.6	51720.7	63751.0
5°	2140.7	2894.0	4358.6	7206.7	11657.6	17256.2	23750.9	32257.8	44255.2	58000.2	70283.8
2.5°	2180.9	2961.2	4490.2	7567.2	12360.7	18101.4	24851.0	34006.5	47202.5	61997.5	74434.2
0°	2199.9	2972.8	4406.4	7742.5	12459.4	18041.6	24951.8	34590.3	47901.8	63083.0	75469.7
-2.5°	2180.9	2961.2	4490.2	7567.2	12360.7	18101.4	24851.0	34006.5	47202.5	61997.5	74434.2
-5°	2140.7	2894.0	4358.6	7206.7	11657.6	17256.2	23750.9	32257.8	44255.2	58000.2	70283.8
-7.5°	2076.7	2771.3	4089.7	6599.5	10579.6	15851.7	21987.6	29506.4	39446.6	51720.7	63751.0
-10°	1984.8	2594.1	3713.8	5796.0	9239.5	14014.0	19502.8	25774.0	33741.5	44049.3	54578.4
-12.5°	1870.1	2370.8	3229.1	4766.2	7641.4	11862.8	16743.3	22270.8	28413.4	35272.7	44001.6
-15°	1745.1	2157.8	2860.6	4123.5	6312.1	9559.8	13548.6	18309.5	23339.8	28505.8	34104.8
-17.5°	1647.0	1981.1	2503.0	3346.2	4813.8	7410.3	10655.7	14425.3	18425.4	22406.1	25863.8
-20°	1532.9	1778.9	2175.2	2810.0	3838.7	5355.3	7785.0	10749.6	13811.4	16931.0	19559.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1435.2	1638.9	1922.3	2312.0	2977.6	4026.4	5388.3	7463.0	9769.3	12045.6	14126.1
-25°	1342.9	1492.9	1706.9	2004.6	2386.4	2996.0	3868.5	4878.8	6434.5	7818.4	9408.8
-27.5°	1265.0	1386.2	1531.1	1736.4	2012.8	2314.0	2830.9	3389.0	4166.4	4782.0	5878.2
-30°	1192.7	1286.0	1402.1	1535.0	1719.8	1937.4	2191.1	2521.1	2878.1	3247.5	3744.7
-32.5°	1131.7	1203.9	1289.2	1392.2	1501.4	1654.7	1798.6	1993.8	2160.7	2376.0	2611.2
-35°	1071.7	1133.1	1198.8	1273.7	1354.7	1450.2	1548.3	1663.5	1761.2	1885.3	1999.9
-37.5°	1017.9	1066.3	1122.0	1177.8	1240.6	1301.4	1371.6	1440.7	1500.7	1578.8	1641.5
-40°	968.5	1006.1	1053.2	1099.7	1148.0	1190.3	1240.5	1285.5	1326.8	1371.4	1408.3
-42.5°	923.2	957.7	992.0	1031.3	1070.4	1106.8	1141.3	1170.7	1197.5	1223.8	1244.3
-45°	881.6	912.3	942.2	972.7	1001.4	1033.4	1062.3	1084.5	1100.9	1115.1	1126.5
-47.5°	840.3	868.8	895.8	921.7	946.6	971.5	994.3	1009.5	1020.8	1029.1	1035.1
-50°	800.6	826.9	851.9	874.1	896.0	917.0	936.3	947.5	955.3	960.1	961.7
-52.5°	762.6	786.8	810.0	830.8	849.6	867.1	882.2	890.3	896.8	901.5	903.0
-55°	723.9	746.5	768.1	786.9	804.4	820.6	832.8	838.6	842.9	845.7	847.4
-57.5°	680.6	703.3	725.0	741.3	757.4	773.2	784.0	790.1	794.1	796.3	798.1
-60°	631.0	652.3	670.1	686.6	703.5	720.4	727.3	732.8	737.9	742.8	747.1
-62.5°	575.0	593.9	608.4	622.0	635.8	648.8	656.4	662.2	666.4	670.1	674.4
-65°	513.5	530.1	542.7	553.1	561.5	570.6	578.9	585.1	589.2	592.9	596.7
-67.5°	448.1	464.4	476.7	486.5	494.5	501.5	507.9	512.7	515.9	519.0	522.4
-70°	383.8	399.1	412.2	423.4	432.3	438.9	444.1	448.3	451.5	453.7	454.9
-72.5°	321.8	334.5	346.4	357.6	367.4	374.3	379.2	383.1	386.0	388.3	389.4
-75°	262.8	274.0	284.0	293.3	301.9	307.8	312.0	315.0	317.1	319.3	321.1
-77.5°	204.3	213.3	221.6	229.3	236.4	242.0	246.5	250.2	253.0	254.8	256.0
-80°	150.0	157.3	164.1	170.2	175.6	179.5	183.0	186.2	189.1	190.5	191.1
-82.5°	103.3	108.0	112.7	117.3	121.8	123.5	124.7	125.6	126.1	127.9	129.4
-85°	60.1	62.7	65.1	67.3	69.4	69.9	70.0	69.9	69.6	70.5	71.3
-87.5°	21.6	22.3	22.9	23.4	23.9	24.4	24.8	25.2	25.5	25.8	26.0
-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: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-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°	26.2	26.3	26.4	26.4	26.4	26.3	26.2	26.0	25.8	25.5	25.2
85°	71.9	72.3	72.6	72.7	72.6	72.3	71.9	71.3	70.5	69.6	69.9
82.5°	130.6	131.4	131.9	132.1	131.9	131.4	130.6	129.4	127.9	126.1	125.6
80°	191.2	190.7	191.4	191.6	191.4	190.7	191.2	191.1	190.5	189.1	186.2
77.5°	256.5	256.4	257.3	257.6	257.3	256.4	256.5	256.0	254.8	253.0	250.2
75°	322.1	322.3	323.3	323.7	323.3	322.3	322.1	321.1	319.3	317.1	315.0
72.5°	389.4	388.3	389.3	389.8	389.3	388.3	389.4	389.4	388.3	386.0	383.1
70°	455.0	454.1	458.3	462.4	458.3	454.1	455.0	454.9	453.7	451.5	448.3
67.5°	524.8	526.2	530.9	535.1	530.9	526.2	524.8	522.4	519.0	515.9	512.7
65°	598.7	598.9	603.4	607.8	603.4	598.9	598.7	596.7	592.9	589.2	585.1
62.5°	676.9	677.6	682.4	687.0	682.4	677.6	676.9	674.4	670.1	666.4	662.2
60°	749.7	750.5	752.2	753.1	752.2	750.5	749.7	747.1	742.8	737.9	732.8
57.5°	798.7	798.0	798.8	799.4	798.8	798.0	798.7	798.1	796.3	794.1	790.1
55°	847.1	844.9	842.4	839.0	842.4	844.9	847.1	847.4	845.7	842.9	838.6
52.5°	901.7	898.2	895.1	891.8	895.1	898.2	901.7	903.0	901.5	896.8	890.3
50°	960.7	957.6	954.5	951.3	954.5	957.6	960.7	961.7	960.1	955.3	947.5
47.5°	1039.2	1040.5	1040.0	1037.2	1040.0	1040.5	1039.2	1035.1	1029.1	1020.8	1009.5
45°	1134.5	1138.3	1138.8	1136.3	1138.8	1138.3	1134.5	1126.5	1115.1	1100.9	1084.5
42.5°	1258.8	1267.2	1271.8	1275.0	1271.8	1267.2	1258.8	1244.3	1223.8	1197.5	1170.7
40°	1435.1	1452.2	1463.1	1473.2	1463.1	1452.2	1435.1	1408.3	1371.4	1326.8	1285.5
37.5°	1687.9	1718.9	1732.7	1724.2	1732.7	1718.9	1687.9	1641.5	1578.8	1500.7	1440.7
35°	2088.1	2147.0	2177.6	2180.1	2177.6	2147.0	2088.1	1999.9	1885.3	1761.2	1663.5
32.5°	2785.0	2905.5	2970.3	2979.4	2970.3	2905.5	2785.0	2611.2	2376.0	2160.7	1993.8
30°	4125.3	4371.1	4486.6	4459.2	4486.6	4371.1	4125.3	3744.7	3247.5	2878.1	2521.1
27.5°	6730.4	7343.6	7707.0	7735.9	7707.0	7343.6	6730.4	5878.2	4782.0	4166.4	3389.0
25°	10817.4	11864.2	12534.5	12545.2	12534.5	11864.2	10817.4	9408.8	7818.4	6434.5	4878.8
22.5°	16049.9	17478.8	18261.7	18398.4	18261.7	17478.8	16049.9	14126.1	12045.6	9769.3	7463.0
20°	22112.1	24012.8	25029.9	25031.0	25029.9	24012.8	22112.1	19559.9	16931.0	13811.4	10749.6
17.5°	29577.9	32664.3	34601.8	35435.9	34601.8	32664.3	29577.9	25863.8	22406.1	18425.4	14425.3
15°	39496.2	44682.9	47790.9	48351.1	47790.9	44682.9	39496.2	34104.8	28505.8	23339.8	18309.5
12.5°	51573.1	58137.0	62549.3	64166.4	62549.3	58137.0	51573.1	44001.6	35272.7	28413.4	22270.8
10°	64182.4	70264.1	74991.1	76579.5	74991.1	70264.1	64182.4	54578.4	44049.3	33741.5	25774.0
7.5°	73291.5	80543.8	85868.3	88206.5	85868.3	80543.8	73291.5	63751.0	51720.7	39446.6	29506.4
5°	80482.3	89063.5	94020.1	96219.9	94020.1	89063.5	80482.3	70283.8	58000.2	44255.2	32257.8
2.5°	85200.3	93679.4	98928.1	100956.5	98928.1	93679.4	85200.3	74434.2	61997.5	47202.5	34006.5
0°	86964.5	95255.3	100441.2	102918.6	100441.2	95255.3	86964.5	75469.7	63083.0	47901.8	34590.3
-2.5°	85200.3	93679.4	98928.1	100956.5	98928.1	93679.4	85200.3	74434.2	61997.5	47202.5	34006.5
-5°	80482.3	89063.5	94020.1	96219.9	94020.1	89063.5	80482.3	70283.8	58000.2	44255.2	32257.8
-7.5°	73291.5	80543.8	85868.3	88206.5	85868.3	80543.8	73291.5	63751.0	51720.7	39446.6	29506.4
-10°	64182.4	70264.1	74991.1	76579.5	74991.1	70264.1	64182.4	54578.4	44049.3	33741.5	25774.0
-12.5°	51573.1	58137.0	62549.3	64166.4	62549.3	58137.0	51573.1	44001.6	35272.7	28413.4	22270.8
-15°	39496.2	44682.9	47790.9	48351.1	47790.9	44682.9	39496.2	34104.8	28505.8	23339.8	18309.5
-17.5°	29577.9	32664.3	34601.8	35435.9	34601.8	32664.3	29577.9	25863.8	22406.1	18425.4	14425.3
-20°	22112.1	24012.8	25029.9	25031.0	25029.9	24012.8	22112.1	19559.9	16931.0	13811.4	10749.6



REPORT NUMBER: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	16049.9	17478.8	18261.7	18398.4	18261.7	17478.8	16049.9	14126.1	12045.6	9769.3	7463.0
-25°	10817.4	11864.2	12534.5	12545.2	12534.5	11864.2	10817.4	9408.8	7818.4	6434.5	4878.8
-27.5°	6730.4	7343.6	7707.0	7735.9	7707.0	7343.6	6730.4	5878.2	4782.0	4166.4	3389.0
-30°	4125.3	4371.1	4486.6	4459.2	4486.6	4371.1	4125.3	3744.7	3247.5	2878.1	2521.1
-32.5°	2785.0	2905.5	2970.3	2979.4	2970.3	2905.5	2785.0	2611.2	2376.0	2160.7	1993.8
-35°	2088.1	2147.0	2177.6	2180.1	2177.6	2147.0	2088.1	1999.9	1885.3	1761.2	1663.5
-37.5°	1687.9	1718.9	1732.7	1724.2	1732.7	1718.9	1687.9	1641.5	1578.8	1500.7	1440.7
-40°	1435.1	1452.2	1463.1	1473.2	1463.1	1452.2	1435.1	1408.3	1371.4	1326.8	1285.5
-42.5°	1258.8	1267.2	1271.8	1275.0	1271.8	1267.2	1258.8	1244.3	1223.8	1197.5	1170.7
-45°	1134.5	1138.3	1138.8	1136.3	1138.8	1138.3	1134.5	1126.5	1115.1	1100.9	1084.5
-47.5°	1039.2	1040.5	1040.0	1037.2	1040.0	1040.5	1039.2	1035.1	1029.1	1020.8	1009.5
-50°	960.7	957.6	954.5	951.3	954.5	957.6	960.7	961.7	960.1	955.3	947.5
-52.5°	901.7	898.2	895.1	891.8	895.1	898.2	901.7	903.0	901.5	896.8	890.3
-55°	847.1	844.9	842.4	839.0	842.4	844.9	847.1	847.4	845.7	842.9	838.6
-57.5°	798.7	798.0	798.8	799.4	798.8	798.0	798.7	798.1	796.3	794.1	790.1
-60°	749.7	750.5	752.2	753.1	752.2	750.5	749.7	747.1	742.8	737.9	732.8
-62.5°	676.9	677.6	682.4	687.0	682.4	677.6	676.9	674.4	670.1	666.4	662.2
-65°	598.7	598.9	603.4	607.8	603.4	598.9	598.7	596.7	592.9	589.2	585.1
-67.5°	524.8	526.2	530.9	535.1	530.9	526.2	524.8	522.4	519.0	515.9	512.7
-70°	455.0	454.1	458.3	462.4	458.3	454.1	455.0	454.9	453.7	451.5	448.3
-72.5°	389.4	388.3	389.3	389.8	389.3	388.3	389.4	389.4	388.3	386.0	383.1
-75°	322.1	322.3	323.3	323.7	323.3	322.3	322.1	321.1	319.3	317.1	315.0
-77.5°	256.5	256.4	257.3	257.6	257.3	256.4	256.5	256.0	254.8	253.0	250.2
-80°	191.2	190.7	191.4	191.6	191.4	190.7	191.2	191.1	190.5	189.1	186.2
-82.5°	130.6	131.4	131.9	132.1	131.9	131.4	130.6	129.4	127.9	126.1	125.6
-85°	71.9	72.3	72.6	72.7	72.6	72.3	71.9	71.3	70.5	69.6	69.9
-87.5°	26.2	26.3	26.4	26.4	26.4	26.3	26.2	26.0	25.8	25.5	25.2
-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: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-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°	24.8	24.4	23.9	23.4	22.9	22.3	21.6	20.9	20.2	19.5	18.7
85°	70.0	69.9	69.4	67.3	65.1	62.7	60.1	57.4	54.5	51.5	48.3
82.5°	124.7	123.5	121.8	117.3	112.7	108.0	103.3	99.2	94.9	90.3	85.5
80°	183.0	179.5	175.6	170.2	164.1	157.3	150.0	143.2	135.9	129.1	122.7
77.5°	246.5	242.0	236.4	229.3	221.6	213.3	204.3	195.2	186.1	176.6	166.6
75°	312.0	307.8	301.9	293.3	284.0	274.0	262.8	250.3	237.6	225.0	212.7
72.5°	379.2	374.3	367.4	357.6	346.4	334.5	321.8	307.5	291.8	274.7	259.1
70°	444.1	438.9	432.3	423.4	412.2	399.1	383.8	367.1	349.5	331.1	312.1
67.5°	507.9	501.5	494.5	486.5	476.7	464.4	448.1	428.8	408.4	387.5	365.7
65°	578.9	570.6	561.5	553.1	542.7	530.1	513.5	494.9	472.6	446.9	419.2
62.5°	656.4	648.8	635.8	622.0	608.4	593.9	575.0	554.8	534.3	510.5	477.6
60°	727.3	720.4	703.5	686.6	670.1	652.3	631.0	609.5	588.0	562.0	531.9
57.5°	784.0	773.2	757.4	741.3	725.0	703.3	680.6	659.2	635.6	610.6	582.6
55°	832.8	820.6	804.4	786.9	768.1	746.5	723.9	699.8	677.2	656.5	627.8
52.5°	882.2	867.1	849.6	830.8	810.0	786.8	762.6	737.3	715.3	693.8	669.7
50°	936.3	917.0	896.0	874.1	851.9	826.9	800.6	773.7	752.6	730.3	706.1
47.5°	994.3	971.5	946.6	921.7	895.8	868.8	840.3	811.5	788.1	765.2	740.1
45°	1062.3	1033.4	1001.4	972.7	942.2	912.3	881.6	851.7	822.5	796.7	772.6
42.5°	1141.3	1106.8	1070.4	1031.3	992.0	957.7	923.2	891.0	858.4	827.5	799.6
40°	1240.5	1190.3	1148.0	1099.7	1053.2	1006.1	968.5	929.8	894.2	859.1	827.0
37.5°	1371.6	1301.4	1240.6	1177.8	1122.0	1066.3	1017.9	973.9	929.8	891.9	855.9
35°	1548.3	1450.2	1354.7	1273.7	1198.8	1133.1	1071.7	1020.1	971.4	925.2	884.8
32.5°	1798.6	1654.7	1501.4	1392.2	1289.2	1203.9	1131.7	1067.5	1011.8	960.9	914.8
30°	2191.1	1937.4	1719.8	1535.0	1402.1	1286.0	1192.7	1117.3	1051.9	995.3	944.1
27.5°	2830.9	2314.0	2012.8	1736.4	1531.1	1386.2	1265.0	1166.7	1090.9	1029.0	972.9
25°	3868.5	2996.0	2386.4	2004.6	1706.9	1492.9	1342.9	1225.8	1133.0	1059.4	993.4
22.5°	5388.3	4026.4	2977.6	2312.0	1922.3	1638.9	1435.2	1284.1	1170.7	1085.4	1013.7
20°	7785.0	5355.3	3838.7	2810.0	2175.2	1778.9	1532.9	1352.5	1216.9	1113.5	1031.6
17.5°	10655.7	7410.3	4813.8	3346.2	2503.0	1981.1	1647.0	1418.2	1257.6	1138.9	1046.8
15°	13548.6	9559.8	6312.1	4123.5	2860.6	2157.8	1745.1	1474.9	1297.5	1166.6	1065.8
12.5°	16743.3	11862.8	7641.4	4766.2	3229.1	2370.8	1870.1	1551.3	1341.1	1194.4	1084.2
10°	19502.8	14014.0	9239.5	5796.0	3713.8	2594.1	1984.8	1616.8	1377.5	1216.8	1098.5
7.5°	21987.6	15851.7	10579.6	6599.5	4089.7	2771.3	2076.7	1669.0	1404.8	1233.2	1108.6
5°	23750.9	17256.2	11657.6	7206.7	4358.6	2894.0	2140.7	1705.8	1422.9	1243.5	1114.5
2.5°	24851.0	18101.4	12360.7	7567.2	4490.2	2961.2	2180.9	1726.8	1438.1	1254.9	1117.7
0°	24951.8	18041.6	12459.4	7742.5	4406.4	2972.8	2199.9	1730.8	1446.8	1261.8	1116.5
-2.5°	24851.0	18101.4	12360.7	7567.2	4490.2	2961.2	2180.9	1726.8	1438.1	1254.9	1117.7
-5°	23750.9	17256.2	11657.6	7206.7	4358.6	2894.0	2140.7	1705.8	1422.9	1243.5	1114.5
-7.5°	21987.6	15851.7	10579.6	6599.5	4089.7	2771.3	2076.7	1669.0	1404.8	1233.2	1108.6
-10°	19502.8	14014.0	9239.5	5796.0	3713.8	2594.1	1984.8	1616.8	1377.5	1216.8	1098.5
-12.5°	16743.3	11862.8	7641.4	4766.2	3229.1	2370.8	1870.1	1551.3	1341.1	1194.4	1084.2
-15°	13548.6	9559.8	6312.1	4123.5	2860.6	2157.8	1745.1	1474.9	1297.5	1166.6	1065.8
-17.5°	10655.7	7410.3	4813.8	3346.2	2503.0	1981.1	1647.0	1418.2	1257.6	1138.9	1046.8
-20°	7785.0	5355.3	3838.7	2810.0	2175.2	1778.9	1532.9	1352.5	1216.9	1113.5	1031.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5388.3	4026.4	2977.6	2312.0	1922.3	1638.9	1435.2	1284.1	1170.7	1085.4	1013.7
-25°	3868.5	2996.0	2386.4	2004.6	1706.9	1492.9	1342.9	1225.8	1133.0	1059.4	993.4
-27.5°	2830.9	2314.0	2012.8	1736.4	1531.1	1386.2	1265.0	1166.7	1090.9	1029.0	972.9
-30°	2191.1	1937.4	1719.8	1535.0	1402.1	1286.0	1192.7	1117.3	1051.9	995.3	944.1
-32.5°	1798.6	1654.7	1501.4	1392.2	1289.2	1203.9	1131.7	1067.5	1011.8	960.9	914.8
-35°	1548.3	1450.2	1354.7	1273.7	1198.8	1133.1	1071.7	1020.1	971.4	925.2	884.8
-37.5°	1371.6	1301.4	1240.6	1177.8	1122.0	1066.3	1017.9	973.9	929.8	891.9	855.9
-40°	1240.5	1190.3	1148.0	1099.7	1053.2	1006.1	968.5	929.8	894.2	859.1	827.0
-42.5°	1141.3	1106.8	1070.4	1031.3	992.0	957.7	923.2	891.0	858.4	827.5	799.6
-45°	1062.3	1033.4	1001.4	972.7	942.2	912.3	881.6	851.7	822.5	796.7	772.6
-47.5°	994.3	971.5	946.6	921.7	895.8	868.8	840.3	811.5	788.1	765.2	740.1
-50°	936.3	917.0	896.0	874.1	851.9	826.9	800.6	773.7	752.6	730.3	706.1
-52.5°	882.2	867.1	849.6	830.8	810.0	786.8	762.6	737.3	715.3	693.8	669.7
-55°	832.8	820.6	804.4	786.9	768.1	746.5	723.9	699.8	677.2	656.5	627.8
-57.5°	784.0	773.2	757.4	741.3	725.0	703.3	680.6	659.2	635.6	610.6	582.6
-60°	727.3	720.4	703.5	686.6	670.1	652.3	631.0	609.5	588.0	562.0	531.9
-62.5°	656.4	648.8	635.8	622.0	608.4	593.9	575.0	554.8	534.3	510.5	477.6
-65°	578.9	570.6	561.5	553.1	542.7	530.1	513.5	494.9	472.6	446.9	419.2
-67.5°	507.9	501.5	494.5	486.5	476.7	464.4	448.1	428.8	408.4	387.5	365.7
-70°	444.1	438.9	432.3	423.4	412.2	399.1	383.8	367.1	349.5	331.1	312.1
-72.5°	379.2	374.3	367.4	357.6	346.4	334.5	321.8	307.5	291.8	274.7	259.1
-75°	312.0	307.8	301.9	293.3	284.0	274.0	262.8	250.3	237.6	225.0	212.7
-77.5°	246.5	242.0	236.4	229.3	221.6	213.3	204.3	195.2	186.1	176.6	166.6
-80°	183.0	179.5	175.6	170.2	164.1	157.3	150.0	143.2	135.9	129.1	122.7
-82.5°	124.7	123.5	121.8	117.3	112.7	108.0	103.3	99.2	94.9	90.3	85.5
-85°	70.0	69.9	69.4	67.3	65.1	62.7	60.1	57.4	54.5	51.5	48.3
-87.5°	24.8	24.4	23.9	23.4	22.9	22.3	21.6	20.9	20.2	19.5	18.7
-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: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-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°	17.8	17.0	16.1	15.1	14.2	13.2	12.2	11.2	10.1	9.0	7.9
85°	44.9	41.5	37.9	34.1	30.3	26.4	24.4	22.3	20.2	18.0	15.9
82.5°	80.5	75.3	69.9	64.4	58.6	52.7	46.6	40.4	33.8	27.6	23.8
80°	116.0	109.1	101.9	94.5	87.0	78.9	70.8	62.4	53.2	44.3	35.8
77.5°	156.1	145.2	134.0	124.7	116.1	106.7	96.4	84.9	72.3	60.8	49.9
75°	200.1	187.0	173.5	160.1	147.4	134.5	122.7	109.2	93.4	77.5	63.8
72.5°	245.4	230.4	214.0	197.2	182.1	166.5	150.5	133.3	115.2	96.9	78.3
70°	293.3	274.7	256.4	237.5	218.0	198.4	179.9	159.3	136.8	116.1	95.2
67.5°	343.0	320.9	299.0	277.5	255.4	232.8	209.5	185.4	160.4	135.0	111.7
65°	393.9	367.7	341.0	317.0	292.3	267.0	241.1	211.7	183.6	155.7	128.0
62.5°	445.7	415.4	385.8	356.6	328.7	300.7	271.7	238.7	206.6	176.0	145.2
60°	498.0	463.0	429.6	397.2	365.1	333.9	301.2	265.0	229.9	195.8	162.6
57.5°	548.0	509.5	471.5	436.0	401.2	366.6	329.9	291.0	252.4	215.4	179.6
55°	596.5	557.2	512.7	472.3	435.3	398.5	357.8	316.5	274.4	234.5	196.1
52.5°	639.4	600.2	554.0	507.9	466.4	427.9	384.4	341.2	296.7	252.8	212.0
50°	678.1	638.5	592.1	543.4	496.3	453.5	409.7	364.2	318.2	270.8	227.5
47.5°	711.7	673.6	627.9	576.9	526.5	478.2	432.8	385.8	339.0	289.2	242.4
45°	742.0	707.4	662.1	609.8	554.6	503.3	454.4	406.4	357.4	307.1	256.7
42.5°	770.2	736.8	695.3	642.0	583.1	527.4	475.2	425.2	374.7	324.0	271.0
40°	795.9	762.3	726.4	672.0	610.2	549.9	495.5	443.0	390.9	339.5	284.9
37.5°	821.3	786.5	749.2	700.1	635.6	572.9	514.5	459.9	406.5	353.3	297.9
35°	847.3	810.1	769.3	722.2	659.8	594.1	532.0	475.7	421.1	366.2	310.0
32.5°	872.2	831.2	787.7	740.8	682.3	613.4	549.0	491.1	434.9	378.4	321.3
30°	896.7	848.6	804.1	759.8	702.0	632.3	565.7	505.4	447.6	389.7	331.4
27.5°	915.4	863.7	818.5	774.8	718.5	649.8	581.9	518.5	459.3	400.0	340.5
25°	932.2	878.3	830.9	786.6	734.9	667.8	596.8	530.6	470.1	409.5	348.7
22.5°	949.0	890.9	841.2	796.7	750.3	684.0	610.9	542.7	479.7	418.0	356.1
20°	963.4	901.1	849.7	806.0	760.6	696.7	624.0	553.4	488.3	425.5	362.6
17.5°	975.8	911.5	858.6	813.6	767.7	707.4	635.5	562.8	495.7	432.0	368.3
15°	988.4	922.3	866.2	819.4	773.8	716.2	645.3	570.7	502.1	437.6	373.6
12.5°	999.2	930.2	872.1	823.7	778.9	723.0	653.4	577.2	507.2	442.8	378.5
10°	1007.7	935.5	876.3	826.3	783.0	728.0	659.7	583.3	513.4	447.4	382.5
7.5°	1013.6	938.1	878.7	827.4	785.8	732.4	665.9	590.0	518.8	451.1	385.7
5°	1017.6	939.3	880.2	829.9	787.5	736.6	670.4	595.2	523.2	453.7	388.0
2.5°	1022.3	939.8	880.3	831.7	787.5	739.1	673.0	598.9	526.5	455.3	389.3
0°	1024.0	938.1	878.6	832.4	786.1	739.9	673.8	601.2	528.5	455.8	389.8
-2.5°	1022.3	939.8	880.3	831.7	787.5	739.1	673.0	598.9	526.5	455.3	389.3
-5°	1017.6	939.3	880.2	829.9	787.5	736.6	670.4	595.2	523.2	453.7	388.0
-7.5°	1013.6	938.1	878.7	827.4	785.8	732.4	665.9	590.0	518.8	451.1	385.7
-10°	1007.7	935.5	876.3	826.3	783.0	728.0	659.7	583.3	513.4	447.4	382.5
-12.5°	999.2	930.2	872.1	823.7	778.9	723.0	653.4	577.2	507.2	442.8	378.5
-15°	988.4	922.3	866.2	819.4	773.8	716.2	645.3	570.7	502.1	437.6	373.6
-17.5°	975.8	911.5	858.6	813.6	767.7	707.4	635.5	562.8	495.7	432.0	368.3
-20°	963.4	901.1	849.7	806.0	760.6	696.7	624.0	553.4	488.3	425.5	362.6

Classified

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



REPORT NUMBER: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	949.0	890.9	841.2	796.7	750.3	684.0	610.9	542.7	479.7	418.0	356.1
-25°	932.2	878.3	830.9	786.6	734.9	667.8	596.8	530.6	470.1	409.5	348.7
-27.5°	915.4	863.7	818.5	774.8	718.5	649.8	581.9	518.5	459.3	400.0	340.5
-30°	896.7	848.6	804.1	759.8	702.0	632.3	565.7	505.4	447.6	389.7	331.4
-32.5°	872.2	831.2	787.7	740.8	682.3	613.4	549.0	491.1	434.9	378.4	321.3
-35°	847.3	810.1	769.3	722.2	659.8	594.1	532.0	475.7	421.1	366.2	310.0
-37.5°	821.3	786.5	749.2	700.1	635.6	572.9	514.5	459.9	406.5	353.3	297.9
-40°	795.9	762.3	726.4	672.0	610.2	549.9	495.5	443.0	390.9	339.5	284.9
-42.5°	770.2	736.8	695.3	642.0	583.1	527.4	475.2	425.2	374.7	324.0	271.0
-45°	742.0	707.4	662.1	609.8	554.6	503.3	454.4	406.4	357.4	307.1	256.7
-47.5°	711.7	673.6	627.9	576.9	526.5	478.2	432.8	385.8	339.0	289.2	242.4
-50°	678.1	638.5	592.1	543.4	496.3	453.5	409.7	364.2	318.2	270.8	227.5
-52.5°	639.4	600.2	554.0	507.9	466.4	427.9	384.4	341.2	296.7	252.8	212.0
-55°	596.5	557.2	512.7	472.3	435.3	398.5	357.8	316.5	274.4	234.5	196.1
-57.5°	548.0	509.5	471.5	436.0	401.2	366.6	329.9	291.0	252.4	215.4	179.6
-60°	498.0	463.0	429.6	397.2	365.1	333.9	301.2	265.0	229.9	195.8	162.6
-62.5°	445.7	415.4	385.8	356.6	328.7	300.7	271.7	238.7	206.6	176.0	145.2
-65°	393.9	367.7	341.0	317.0	292.3	267.0	241.1	211.7	183.6	155.7	128.0
-67.5°	343.0	320.9	299.0	277.5	255.4	232.8	209.5	185.4	160.4	135.0	111.7
-70°	293.3	274.7	256.4	237.5	218.0	198.4	179.9	159.3	136.8	116.1	95.2
-72.5°	245.4	230.4	214.0	197.2	182.1	166.5	150.5	133.3	115.2	96.9	78.3
-75°	200.1	187.0	173.5	160.1	147.4	134.5	122.7	109.2	93.4	77.5	63.8
-77.5°	156.1	145.2	134.0	124.7	116.1	106.7	96.4	84.9	72.3	60.8	49.9
-80°	116.0	109.1	101.9	94.5	87.0	78.9	70.8	62.4	53.2	44.3	35.8
-82.5°	80.5	75.3	69.9	64.4	58.6	52.7	46.6	40.4	33.8	27.6	23.8
-85°	44.9	41.5	37.9	34.1	30.3	26.4	24.4	22.3	20.2	18.0	15.9
-87.5°	17.8	17.0	16.1	15.1	14.2	13.2	12.2	11.2	10.1	9.0	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: P627655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
85°	13.6	11.4	9.2	6.9	4.6	2.3	0.0
82.5°	20.4	17.1	13.7	10.3	6.9	3.4	0.0
80°	27.8	22.7	18.2	13.7	9.2	4.6	0.0
77.5°	39.6	29.8	22.7	17.1	11.4	5.7	0.0
75°	51.2	39.6	27.8	20.4	13.6	6.8	0.0
72.5°	62.8	49.2	35.5	23.8	15.9	7.9	0.0
70°	74.6	58.7	43.2	27.5	18.0	9.0	0.0
67.5°	89.0	68.1	50.7	33.1	20.2	10.1	0.0
65°	103.1	78.6	58.0	38.7	22.3	11.2	0.0
62.5°	117.0	90.2	65.3	44.1	24.4	12.2	0.0
60°	130.6	101.5	72.3	49.4	26.4	13.2	0.0
57.5°	144.9	112.6	81.1	54.6	29.8	14.2	0.0
55°	158.8	123.3	89.7	59.6	33.2	15.1	0.0
52.5°	172.2	133.9	98.1	64.5	36.4	16.1	0.0
50°	185.1	144.5	106.2	69.2	39.6	17.0	0.0
47.5°	197.5	154.7	114.0	74.1	42.6	17.8	0.0
45°	209.8	164.5	121.5	79.7	45.5	18.7	0.0
42.5°	221.5	173.7	128.7	85.1	48.3	19.5	0.0
40°	232.7	182.4	135.6	90.2	51.0	20.2	0.0
37.5°	243.2	190.6	142.2	94.9	53.5	20.9	0.0
35°	253.2	198.7	148.4	99.3	55.9	21.6	0.0
32.5°	262.7	206.5	154.1	103.4	58.2	22.3	0.0
30°	271.6	213.7	159.5	107.1	60.3	22.9	0.0
27.5°	279.8	220.4	164.3	110.5	62.2	23.4	0.0
25°	287.2	226.5	168.7	113.6	64.0	23.9	0.0
22.5°	293.7	232.0	172.9	116.3	65.6	24.4	0.0
20°	299.5	236.8	176.6	118.7	67.1	24.8	0.0
17.5°	304.8	240.9	180.0	120.7	68.4	25.2	0.0
15°	309.6	244.3	183.0	122.4	69.5	25.5	0.0
12.5°	313.8	247.0	185.5	123.7	70.5	25.8	0.0
10°	317.2	249.1	187.7	124.7	71.3	26.0	0.0
7.5°	320.0	250.5	189.4	125.4	71.9	26.2	0.0
5°	322.0	251.3	190.6	125.8	72.3	26.3	0.0
2.5°	323.3	251.4	191.3	125.8	72.6	26.4	0.0
0°	323.7	251.0	191.6	125.5	72.7	26.4	0.0
-2.5°	323.3	251.4	191.3	125.8	72.6	26.4	0.0
-5°	322.0	251.3	190.6	125.8	72.3	26.3	0.0
-7.5°	320.0	250.5	189.4	125.4	71.9	26.2	0.0
-10°	317.2	249.1	187.7	124.7	71.3	26.0	0.0
-12.5°	313.8	247.0	185.5	123.7	70.5	25.8	0.0
-15°	309.6	244.3	183.0	122.4	69.5	25.5	0.0
-17.5°	304.8	240.9	180.0	120.7	68.4	25.2	0.0
-20°	299.5	236.8	176.6	118.7	67.1	24.8	0.0

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CATALOG NUMBER: GFLD-SA5C-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	293.7	232.0	172.9	116.3	65.6	24.4	0.0
-25°	287.2	226.5	168.7	113.6	64.0	23.9	0.0
-27.5°	279.8	220.4	164.3	110.5	62.2	23.4	0.0
-30°	271.6	213.7	159.5	107.1	60.3	22.9	0.0
-32.5°	262.7	206.5	154.1	103.4	58.2	22.3	0.0
-35°	253.2	198.7	148.4	99.3	55.9	21.6	0.0
-37.5°	243.2	190.6	142.2	94.9	53.5	20.9	0.0
-40°	232.7	182.4	135.6	90.2	51.0	20.2	0.0
-42.5°	221.5	173.7	128.7	85.1	48.3	19.5	0.0
-45°	209.8	164.5	121.5	79.7	45.5	18.7	0.0
-47.5°	197.5	154.7	114.0	74.1	42.6	17.8	0.0
-50°	185.1	144.5	106.2	69.2	39.6	17.0	0.0
-52.5°	172.2	133.9	98.1	64.5	36.4	16.1	0.0
-55°	158.8	123.3	89.7	59.6	33.2	15.1	0.0
-57.5°	144.9	112.6	81.1	54.6	29.8	14.2	0.0
-60°	130.6	101.5	72.3	49.4	26.4	13.2	0.0
-62.5°	117.0	90.2	65.3	44.1	24.4	12.2	0.0
-65°	103.1	78.6	58.0	38.7	22.3	11.2	0.0
-67.5°	89.0	68.1	50.7	33.1	20.2	10.1	0.0
-70°	74.6	58.7	43.2	27.5	18.0	9.0	0.0
-72.5°	62.8	49.2	35.5	23.8	15.9	7.9	0.0
-75°	51.2	39.6	27.8	20.4	13.6	6.8	0.0
-77.5°	39.6	29.8	22.7	17.1	11.4	5.7	0.0
-80°	27.8	22.7	18.2	13.7	9.2	4.6	0.0
-82.5°	20.4	17.1	13.7	10.3	6.9	3.4	0.0
-85°	13.6	11.4	9.2	6.9	4.6	2.3	0.0
-87.5°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)