

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: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627715 (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-750-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N128
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

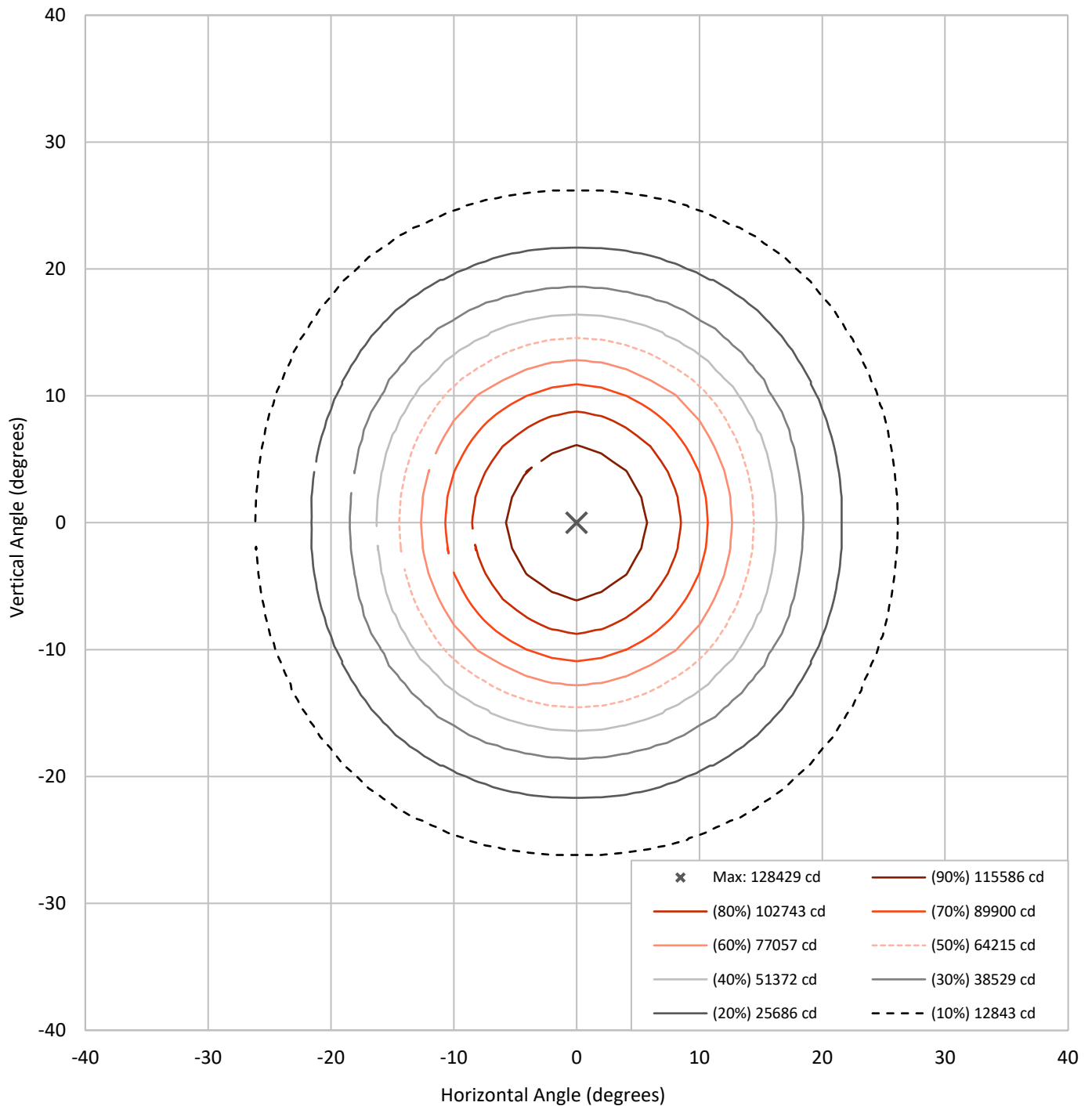
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	40125.6 lumens	Max Intensity:	128429 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.9 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:	19508.5 lumens	Field Lumens:	32922.5 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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CATALOG NUMBER: GFLD-SA5D-750-U-MR-XX

Iso-Candela Plot





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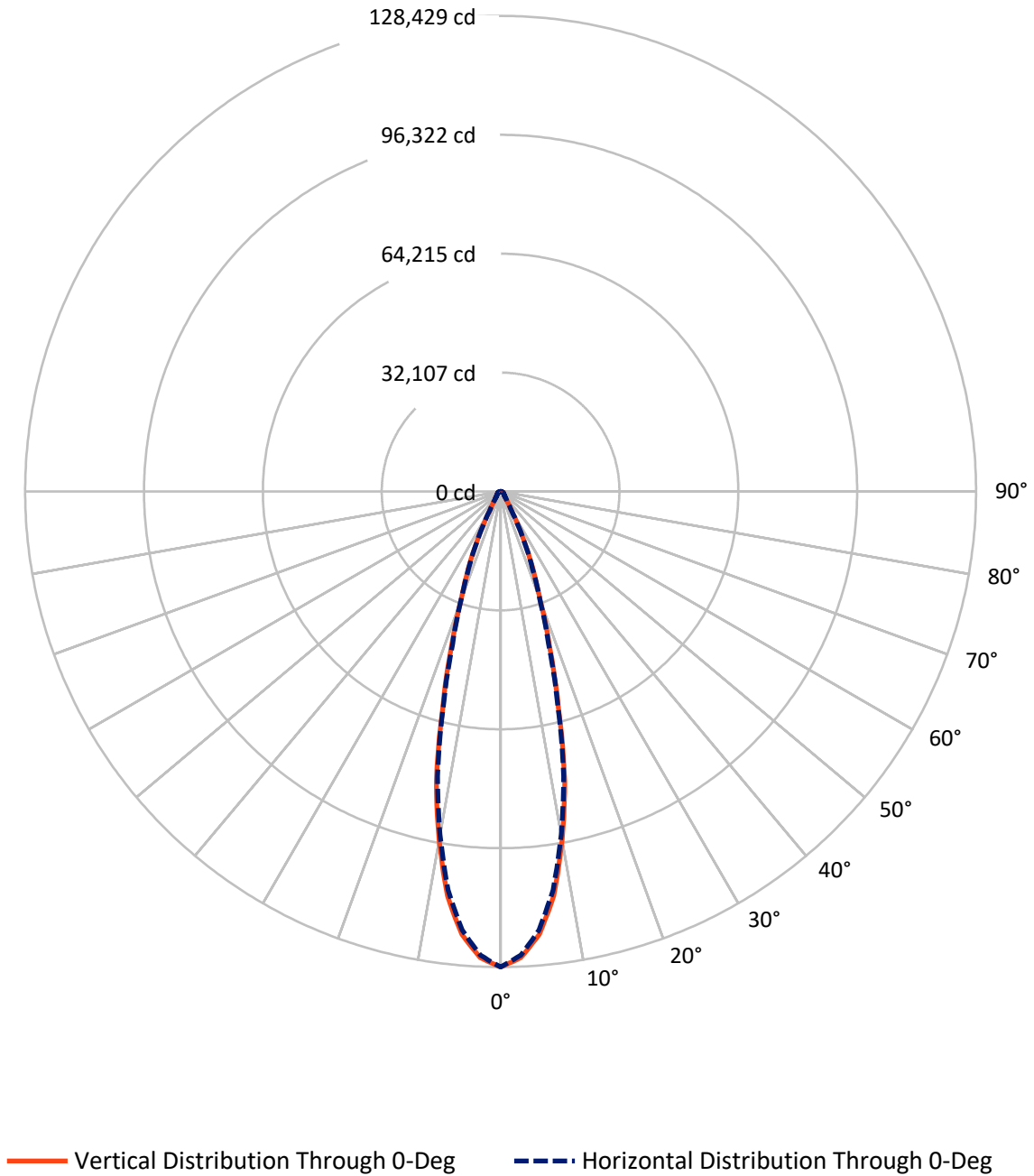
CATALOG NUMBER: GFLD-SA5D-750-U-MR-XX

Lumen Table

90	0.8	6.6	17.4	27.5	30.6	27.5	17.4	6.6	0.8							
80	0.8	6.6	17.4	27.5	30.6	27.5	17.4	6.6	0.8							
70	3.0	3.5	6.9	11.3	15.9	19.4	21.7	22.8	22.8	21.7	19.4	15.9	11.3	6.9	3.5	3.0
60		5.1	10.4	16.7	22.4	27.6	30.9	32.1	32.1	30.9	27.6	22.4	16.7	10.4	5.1	
50	5.3	6.6	13.3	20.6	27.5	34.8	40.8	43.9	43.9	40.8	34.8	27.5	20.6	13.3	6.6	5.3
40		7.8	15.6	23.9	33.7	48.0	69.5	90.4	90.4	69.5	48.0	33.7	23.9	15.6	7.8	
30	6.8	8.7	17.1	26.8	43.1	93.8	264.1	468.4	468.4	264.1	93.8	43.1	26.8	17.1	8.7	6.8
20		9.3	17.9	29.2	58.8	246.3	877.7	1681.9	1681.9	877.7	246.3	58.8	29.2	17.9	9.3	
10	7.3	9.7	18.2	30.7	74.7	425.1	1624.6	3195.6	3195.6	1624.6	425.1	74.7	30.7	18.2	9.7	7.3
0		9.7	18.2	30.7	74.7	425.1	1624.6	3195.6	3195.6	1624.6	425.1	74.7	30.7	18.2	9.7	
-10	6.8	9.3	17.9	29.2	58.8	246.3	877.7	1681.9	1681.9	877.7	246.3	58.8	29.2	17.9	9.3	6.8
-20		8.7	17.1	26.8	43.1	93.8	264.1	468.4	468.4	264.1	93.8	43.1	26.8	17.1	8.7	
-30	5.3	7.8	15.6	23.9	33.7	48.0	69.5	90.4	90.4	69.5	48.0	33.7	23.9	15.6	7.8	5.3
-40		6.6	13.3	20.6	27.5	34.8	40.8	43.9	43.9	40.8	34.8	27.5	20.6	13.3	6.6	
-50	3.0	5.1	10.4	16.7	22.4	27.6	30.9	32.1	32.1	30.9	27.6	22.4	16.7	10.4	5.1	3.0
-60		3.5	6.9	11.3	15.9	19.4	21.7	22.8	22.8	21.7	19.4	15.9	11.3	6.9	3.5	
-70	0.8	6.6	17.4	27.5	30.6	27.5	17.4	6.6	0.8							
-80		0.8	6.6	17.4	27.5	30.6	27.5	17.4	6.6	0.8						
-90	0.8	6.6	17.4	27.5	30.6	27.5	17.4	6.6	0.8							

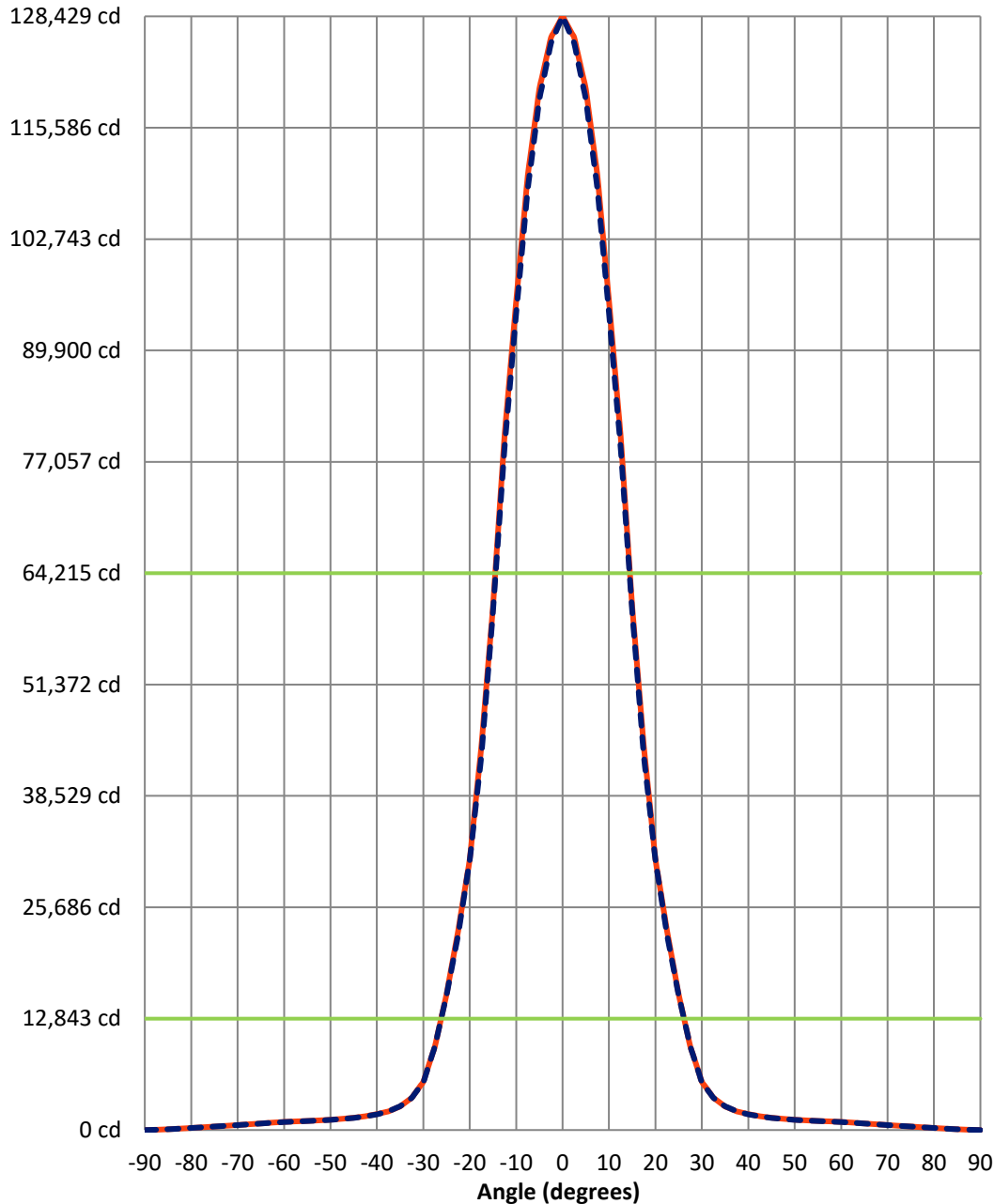
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 19508.5
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 32922.5
 Efficiency: 82.0%

Spill:
 Lumens: 7203.2
 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	2.9	4.3	5.7	7.1	8.5	9.9	11.3	12.6	13.9
85°	0.0	2.9	5.7	8.6	11.4	14.3	17.1	19.8	22.5	25.2	27.9
82.5°	0.0	4.3	8.6	12.9	17.1	21.4	25.6	29.7	34.4	42.3	50.4
80°	0.0	5.7	11.4	17.1	22.8	28.4	34.8	44.7	55.3	66.3	77.8
77.5°	0.0	7.1	14.3	21.4	28.4	37.3	49.4	62.3	75.9	90.1	105.8
75°	0.0	8.5	17.1	25.6	34.8	49.4	63.9	79.6	96.6	116.6	136.3
72.5°	0.0	9.9	19.8	29.7	44.4	61.4	78.3	97.7	120.9	143.8	166.4
70°	0.0	11.3	22.5	34.4	53.9	73.3	93.0	118.7	144.9	170.7	198.8
67.5°	0.0	12.6	25.2	41.4	63.2	85.0	111.0	139.4	168.5	200.2	231.3
65°	0.0	13.9	27.9	48.3	72.4	98.1	128.7	159.8	194.3	229.1	264.1
62.5°	0.0	15.2	30.4	55.0	81.4	112.5	146.0	181.3	219.6	257.8	297.9
60°	0.0	16.5	33.0	61.7	90.3	126.7	163.0	202.9	244.3	286.8	330.6
57.5°	0.0	17.7	37.2	68.1	101.2	140.5	180.8	224.1	268.8	314.9	363.0
55°	0.0	18.9	41.4	74.4	112.0	154.0	198.2	244.6	292.6	342.4	394.9
52.5°	0.0	20.1	45.5	80.5	122.4	167.1	215.0	264.6	315.4	370.2	425.8
50°	0.0	21.2	49.4	86.4	132.5	180.4	231.0	283.9	337.9	397.1	454.4
47.5°	0.0	22.3	53.2	92.5	142.3	193.1	246.5	302.5	360.9	423.1	481.5
45°	0.0	23.3	56.8	99.5	151.6	205.3	261.8	320.3	383.2	446.0	507.1
42.5°	0.0	24.3	60.3	106.2	160.6	216.8	276.4	338.2	404.3	467.5	530.6
40°	0.0	25.3	63.7	112.5	169.3	227.6	290.3	355.5	423.6	487.8	552.9
37.5°	0.0	26.2	66.8	118.5	177.5	237.9	303.5	371.8	440.8	507.2	573.9
35°	0.0	27.0	69.8	124.0	185.2	247.9	316.0	386.9	457.0	525.5	593.6
32.5°	0.0	27.8	72.6	129.0	192.4	257.6	327.8	400.9	472.2	542.7	612.8
30°	0.0	28.6	75.2	133.7	199.0	266.7	339.0	413.6	486.2	558.6	630.6
27.5°	0.0	29.3	77.6	138.0	205.0	275.0	349.2	424.8	499.2	573.2	647.1
25°	0.0	29.9	79.9	141.8	210.6	282.7	358.4	435.1	511.0	586.6	662.1
22.5°	0.0	30.5	81.9	145.2	215.7	289.5	366.6	444.3	521.6	598.7	677.2
20°	0.0	31.0	83.7	148.1	220.4	295.5	373.8	452.5	531.0	609.3	690.6
17.5°	0.0	31.5	85.3	150.6	224.6	300.7	380.3	459.6	539.1	618.6	702.2
15°	0.0	31.9	86.8	152.7	228.3	304.9	386.3	466.1	546.1	626.5	712.1
12.5°	0.0	32.2	88.0	154.4	231.5	308.3	391.5	472.3	552.5	633.0	720.3
10°	0.0	32.5	88.9	155.7	234.2	310.9	395.9	477.3	558.4	640.7	727.8
7.5°	0.0	32.7	89.7	156.5	236.3	312.7	399.3	481.3	562.9	647.5	736.1
5°	0.0	32.9	90.3	156.9	237.9	313.6	401.8	484.1	566.2	653.0	742.7
2.5°	0.0	33.0	90.6	157.0	238.8	313.8	403.4	485.8	568.1	657.0	747.3
0°	0.0	33.0	90.7	156.6	239.1	313.3	403.9	486.4	568.8	659.5	750.2
-2.5°	0.0	33.0	90.6	157.0	238.8	313.8	403.4	485.8	568.1	657.0	747.3
-5°	0.0	32.9	90.3	156.9	237.9	313.6	401.8	484.1	566.2	653.0	742.7
-7.5°	0.0	32.7	89.7	156.5	236.3	312.7	399.3	481.3	562.9	647.5	736.1
-10°	0.0	32.5	88.9	155.7	234.2	310.9	395.9	477.3	558.4	640.7	727.8
-12.5°	0.0	32.2	88.0	154.4	231.5	308.3	391.5	472.3	552.5	633.0	720.3
-15°	0.0	31.9	86.8	152.7	228.3	304.9	386.3	466.1	546.1	626.5	712.1
-17.5°	0.0	31.5	85.3	150.6	224.6	300.7	380.3	459.6	539.1	618.6	702.2
-20°	0.0	31.0	83.7	148.1	220.4	295.5	373.8	452.5	531.0	609.3	690.6

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CATALOG NUMBER: GFLD-SA5D-750-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	30.5	81.9	145.2	215.7	289.5	366.6	444.3	521.6	598.7	677.2
-25°	0.0	29.9	79.9	141.8	210.6	282.7	358.4	435.1	511.0	586.6	662.1
-27.5°	0.0	29.3	77.6	138.0	205.0	275.0	349.2	424.8	499.2	573.2	647.1
-30°	0.0	28.6	75.2	133.7	199.0	266.7	339.0	413.6	486.2	558.6	630.6
-32.5°	0.0	27.8	72.6	129.0	192.4	257.6	327.8	400.9	472.2	542.7	612.8
-35°	0.0	27.0	69.8	124.0	185.2	247.9	316.0	386.9	457.0	525.5	593.6
-37.5°	0.0	26.2	66.8	118.5	177.5	237.9	303.5	371.8	440.8	507.2	573.9
-40°	0.0	25.3	63.7	112.5	169.3	227.6	290.3	355.5	423.6	487.8	552.9
-42.5°	0.0	24.3	60.3	106.2	160.6	216.8	276.4	338.2	404.3	467.5	530.6
-45°	0.0	23.3	56.8	99.5	151.6	205.3	261.8	320.3	383.2	446.0	507.1
-47.5°	0.0	22.3	53.2	92.5	142.3	193.1	246.5	302.5	360.9	423.1	481.5
-50°	0.0	21.2	49.4	86.4	132.5	180.4	231.0	283.9	337.9	397.1	454.4
-52.5°	0.0	20.1	45.5	80.5	122.4	167.1	215.0	264.6	315.4	370.2	425.8
-55°	0.0	18.9	41.4	74.4	112.0	154.0	198.2	244.6	292.6	342.4	394.9
-57.5°	0.0	17.7	37.2	68.1	101.2	140.5	180.8	224.1	268.8	314.9	363.0
-60°	0.0	16.5	33.0	61.7	90.3	126.7	163.0	202.9	244.3	286.8	330.6
-62.5°	0.0	15.2	30.4	55.0	81.4	112.5	146.0	181.3	219.6	257.8	297.9
-65°	0.0	13.9	27.9	48.3	72.4	98.1	128.7	159.8	194.3	229.1	264.1
-67.5°	0.0	12.6	25.2	41.4	63.2	85.0	111.0	139.4	168.5	200.2	231.3
-70°	0.0	11.3	22.5	34.4	53.9	73.3	93.0	118.7	144.9	170.7	198.8
-72.5°	0.0	9.9	19.8	29.7	44.4	61.4	78.3	97.7	120.9	143.8	166.4
-75°	0.0	8.5	17.1	25.6	34.8	49.4	63.9	79.6	96.6	116.6	136.3
-77.5°	0.0	7.1	14.3	21.4	28.4	37.3	49.4	62.3	75.9	90.1	105.8
-80°	0.0	5.7	11.4	17.1	22.8	28.4	34.8	44.7	55.3	66.3	77.8
-82.5°	0.0	4.3	8.6	12.9	17.1	21.4	25.6	29.7	34.4	42.3	50.4
-85°	0.0	2.9	5.7	8.6	11.4	14.3	17.1	19.8	22.5	25.2	27.9
-87.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.3	12.6	13.9
-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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CATALOG NUMBER: GFLD-SA5D-750-U-MR-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°	15.2	16.5	17.7	18.9	20.1	21.2	22.3	23.3	24.3	25.3	26.2
85°	30.4	33.0	37.9	42.6	47.3	51.8	56.1	60.2	64.2	68.0	71.6
82.5°	58.2	65.7	73.1	80.3	87.2	94.0	100.5	106.7	112.7	118.4	123.8
80°	88.3	98.4	108.6	117.9	127.1	136.1	144.8	153.1	161.1	169.7	178.7
77.5°	120.3	133.1	144.9	155.6	167.3	181.3	194.8	207.9	220.3	232.3	243.6
75°	153.2	167.9	184.0	199.9	216.5	233.3	249.7	265.5	280.8	296.5	312.3
72.5°	187.8	207.8	227.2	246.1	267.0	287.4	306.2	323.4	342.8	364.1	383.7
70°	224.6	247.6	272.1	296.3	320.0	342.8	366.1	389.5	413.2	436.2	458.1
67.5°	261.5	290.4	318.7	346.2	373.1	400.4	428.1	456.4	483.6	509.7	535.0
65°	300.8	333.1	364.8	395.6	425.5	458.9	491.6	523.2	557.7	589.7	617.5
62.5°	339.0	375.2	410.2	445.1	481.4	518.3	556.2	595.9	637.1	666.7	692.2
60°	375.8	416.7	455.6	495.6	536.1	577.8	621.4	663.7	701.3	733.6	760.5
57.5°	411.7	457.5	500.7	544.1	588.4	635.7	683.7	727.0	761.9	793.2	822.6
55°	446.5	497.2	543.2	589.3	639.7	695.2	744.4	783.4	819.2	845.0	873.3
52.5°	479.7	533.9	582.0	633.7	691.3	748.9	797.9	835.7	865.8	892.6	920.0
50°	511.3	565.9	619.2	678.1	738.9	796.7	846.2	881.1	911.3	939.1	965.5
47.5°	540.0	596.7	657.0	719.9	783.5	840.6	888.1	923.6	954.9	983.5	1012.6
45°	567.1	628.0	692.1	761.0	826.2	882.8	925.9	964.1	994.2	1026.4	1062.9
42.5°	592.9	658.1	727.7	801.0	867.6	919.4	961.2	997.8	1032.5	1071.3	1111.9
40°	618.3	686.2	761.5	838.6	906.4	951.3	993.2	1031.9	1072.0	1115.9	1160.2
37.5°	642.1	714.9	793.1	873.6	935.0	981.5	1024.8	1068.1	1113.0	1160.2	1215.3
35°	663.8	741.4	823.3	901.2	960.0	1010.9	1057.3	1104.2	1154.5	1212.2	1272.9
32.5°	685.1	765.4	851.5	924.4	983.0	1037.3	1088.4	1141.5	1199.1	1262.6	1332.1
30°	705.9	789.0	876.1	948.2	1003.4	1058.9	1119.0	1178.1	1242.1	1312.6	1394.3
27.5°	726.1	810.8	896.7	966.8	1021.4	1077.8	1142.3	1214.0	1284.0	1361.3	1455.9
25°	744.7	833.3	917.0	981.6	1036.8	1095.9	1163.2	1239.6	1322.0	1413.8	1529.7
22.5°	762.2	853.6	936.3	994.2	1049.6	1111.7	1184.2	1264.9	1354.5	1460.9	1602.4
20°	778.6	869.4	949.1	1005.8	1060.2	1124.4	1202.2	1287.3	1389.5	1518.5	1687.8
17.5°	793.0	882.7	957.9	1015.2	1071.4	1137.4	1217.6	1306.2	1421.2	1569.4	1769.7
15°	805.2	893.7	965.6	1022.5	1080.9	1150.9	1233.4	1330.0	1455.8	1619.1	1840.5
12.5°	815.3	902.2	972.0	1027.8	1088.3	1160.8	1246.9	1352.9	1490.4	1673.5	1935.8
10°	823.3	908.4	977.0	1031.1	1093.5	1167.4	1257.5	1370.7	1518.4	1718.9	2017.5
7.5°	831.0	914.0	980.6	1032.4	1096.6	1170.7	1264.9	1383.3	1538.9	1753.0	2082.6
5°	836.6	919.2	982.7	1035.5	1098.5	1172.1	1269.9	1390.6	1551.7	1775.5	2128.7
2.5°	839.8	922.3	982.8	1037.9	1098.6	1172.7	1275.7	1394.7	1566.0	1794.5	2154.9
0°	840.9	923.3	981.0	1038.7	1096.4	1170.6	1277.8	1393.2	1574.6	1805.4	2159.9
-2.5°	839.8	922.3	982.8	1037.9	1098.6	1172.7	1275.7	1394.7	1566.0	1794.5	2154.9
-5°	836.6	919.2	982.7	1035.5	1098.5	1172.1	1269.9	1390.6	1551.7	1775.5	2128.7
-7.5°	831.0	914.0	980.6	1032.4	1096.6	1170.7	1264.9	1383.3	1538.9	1753.0	2082.6
-10°	823.3	908.4	977.0	1031.1	1093.5	1167.4	1257.5	1370.7	1518.4	1718.9	2017.5
-12.5°	815.3	902.2	972.0	1027.8	1088.3	1160.8	1246.9	1352.9	1490.4	1673.5	1935.8
-15°	805.2	893.7	965.6	1022.5	1080.9	1150.9	1233.4	1330.0	1455.8	1619.1	1840.5
-17.5°	793.0	882.7	957.9	1015.2	1071.4	1137.4	1217.6	1306.2	1421.2	1569.4	1769.7
-20°	778.6	869.4	949.1	1005.8	1060.2	1124.4	1202.2	1287.3	1389.5	1518.5	1687.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	762.2	853.6	936.3	994.2	1049.6	1111.7	1184.2	1264.9	1354.5	1460.9	1602.4
-25°	744.7	833.3	917.0	981.6	1036.8	1095.9	1163.2	1239.6	1322.0	1413.8	1529.7
-27.5°	726.1	810.8	896.7	966.8	1021.4	1077.8	1142.3	1214.0	1284.0	1361.3	1455.9
-30°	705.9	789.0	876.1	948.2	1003.4	1058.9	1119.0	1178.1	1242.1	1312.6	1394.3
-32.5°	685.1	765.4	851.5	924.4	983.0	1037.3	1088.4	1141.5	1199.1	1262.6	1332.1
-35°	663.8	741.4	823.3	901.2	960.0	1010.9	1057.3	1104.2	1154.5	1212.2	1272.9
-37.5°	642.1	714.9	793.1	873.6	935.0	981.5	1024.8	1068.1	1113.0	1160.2	1215.3
-40°	618.3	686.2	761.5	838.6	906.4	951.3	993.2	1031.9	1072.0	1115.9	1160.2
-42.5°	592.9	658.1	727.7	801.0	867.6	919.4	961.2	997.8	1032.5	1071.3	1111.9
-45°	567.1	628.0	692.1	761.0	826.2	882.8	925.9	964.1	994.2	1026.4	1062.9
-47.5°	540.0	596.7	657.0	719.9	783.5	840.6	888.1	923.6	954.9	983.5	1012.6
-50°	511.3	565.9	619.2	678.1	738.9	796.7	846.2	881.1	911.3	939.1	965.5
-52.5°	479.7	533.9	582.0	633.7	691.3	748.9	797.9	835.7	865.8	892.6	920.0
-55°	446.5	497.2	543.2	589.3	639.7	695.2	744.4	783.4	819.2	845.0	873.3
-57.5°	411.7	457.5	500.7	544.1	588.4	635.7	683.7	727.0	761.9	793.2	822.6
-60°	375.8	416.7	455.6	495.6	536.1	577.8	621.4	663.7	701.3	733.6	760.5
-62.5°	339.0	375.2	410.2	445.1	481.4	518.3	556.2	595.9	637.1	666.7	692.2
-65°	300.8	333.1	364.8	395.6	425.5	458.9	491.6	523.2	557.7	589.7	617.5
-67.5°	261.5	290.4	318.7	346.2	373.1	400.4	428.1	456.4	483.6	509.7	535.0
-70°	224.6	247.6	272.1	296.3	320.0	342.8	366.1	389.5	413.2	436.2	458.1
-72.5°	187.8	207.8	227.2	246.1	267.0	287.4	306.2	323.4	342.8	364.1	383.7
-75°	153.2	167.9	184.0	199.9	216.5	233.3	249.7	265.5	280.8	296.5	312.3
-77.5°	120.3	133.1	144.9	155.6	167.3	181.3	194.8	207.9	220.3	232.3	243.6
-80°	88.3	98.4	108.6	117.9	127.1	136.1	144.8	153.1	161.1	169.7	178.7
-82.5°	58.2	65.7	73.1	80.3	87.2	94.0	100.5	106.7	112.7	118.4	123.8
-85°	30.4	33.0	37.9	42.6	47.3	51.8	56.1	60.2	64.2	68.0	71.6
-87.5°	15.2	16.5	17.7	18.9	20.1	21.2	22.3	23.3	24.3	25.3	26.2
-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: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	27.0	27.8	28.6	29.3	29.9	30.5	31.0	31.5	31.9	32.2	32.5
85°	75.0	78.2	81.2	84.0	86.5	87.2	87.4	87.3	86.8	88.0	88.9
82.5°	128.9	134.7	140.6	146.4	152.0	154.2	155.6	156.7	157.4	159.6	161.5
80°	187.2	196.4	204.8	212.4	219.1	224.0	228.3	232.3	236.0	237.7	238.5
77.5°	255.0	266.1	276.5	286.1	294.9	302.0	307.6	312.2	315.7	318.0	319.4
75°	327.9	341.9	354.4	366.0	376.7	384.1	389.3	393.2	395.7	398.5	400.6
72.5°	401.5	417.5	432.3	446.3	458.6	467.2	473.2	478.1	481.7	484.5	485.9
70°	478.9	498.0	514.4	528.4	539.4	547.7	554.2	559.4	563.4	566.2	567.7
67.5°	559.1	579.5	594.8	607.0	617.0	625.8	633.8	639.8	643.7	647.7	651.9
65°	640.8	661.5	677.2	690.2	700.7	712.0	722.4	730.1	735.2	739.9	744.6
62.5°	717.5	741.1	759.2	776.2	793.4	809.6	819.1	826.4	831.5	836.1	841.5
60°	787.4	814.0	836.3	856.8	877.9	899.0	907.7	914.4	920.9	926.9	932.4
57.5°	849.4	877.7	904.7	925.0	945.2	964.9	978.4	985.9	990.9	993.7	996.0
55°	903.3	931.6	958.5	982.0	1003.8	1024.0	1039.1	1046.5	1051.9	1055.3	1057.4
52.5°	951.6	981.8	1010.7	1036.7	1060.2	1082.1	1101.0	1111.0	1119.2	1124.9	1126.8
50°	999.0	1031.8	1063.0	1090.8	1118.2	1144.4	1168.4	1182.3	1192.1	1198.1	1200.0
47.5°	1048.6	1084.1	1117.9	1150.1	1181.3	1212.3	1240.8	1259.8	1273.8	1284.2	1291.6
45°	1100.2	1138.4	1175.7	1213.8	1249.6	1289.5	1325.6	1353.3	1373.8	1391.5	1405.7
42.5°	1152.1	1195.0	1237.9	1287.0	1335.8	1381.2	1424.2	1460.9	1494.4	1527.2	1552.8
40°	1208.5	1255.6	1314.2	1372.3	1432.6	1485.4	1548.0	1604.2	1655.7	1711.3	1757.3
37.5°	1270.2	1330.7	1400.2	1469.8	1548.1	1624.0	1711.6	1797.8	1872.7	1970.2	2048.4
35°	1337.4	1414.0	1496.0	1589.5	1690.5	1809.6	1932.1	2075.9	2197.8	2352.6	2495.6
32.5°	1412.3	1502.4	1608.8	1737.2	1873.6	2064.9	2244.4	2488.0	2696.3	2964.9	3258.4
30°	1488.4	1604.8	1749.6	1915.6	2146.1	2417.6	2734.2	3146.1	3591.5	4052.4	4672.8
27.5°	1578.6	1729.8	1910.6	2166.8	2511.7	2887.6	3532.6	4229.0	5199.2	5967.3	7335.3
25°	1675.8	1863.0	2130.0	2501.4	2977.9	3738.6	4827.3	6088.1	8029.5	9756.3	11740.9
22.5°	1791.0	2045.1	2398.7	2885.1	3715.6	5024.4	6723.9	9312.8	12190.8	15031.3	17627.5
20°	1912.9	2219.9	2714.3	3506.5	4790.2	6682.7	9714.7	13414.1	17234.8	21127.6	24408.1
17.5°	2055.2	2472.1	3123.4	4175.6	6007.0	9247.1	13296.9	18000.9	22992.5	27959.9	32274.7
15°	2177.6	2692.6	3569.7	5145.6	7876.7	11929.4	16906.8	22847.8	29124.9	35571.5	42558.4
12.5°	2333.6	2958.4	4029.5	5947.6	9535.6	14803.2	20893.4	27791.1	35456.3	44015.7	54908.2
10°	2476.8	3237.1	4634.3	7232.6	11529.7	17487.6	24337.0	32162.7	42105.0	54967.7	68106.7
7.5°	2591.5	3458.2	5103.4	8235.3	13202.0	19780.8	27437.7	36820.2	49224.2	64540.7	79552.8
5°	2671.3	3611.3	5439.0	8993.0	14547.2	21533.4	29638.1	40253.6	55224.8	72376.7	87705.0
2.5°	2721.4	3695.2	5603.3	9442.8	15424.5	22588.1	31010.9	42435.6	58902.5	77364.8	92884.2
0°	2745.2	3709.7	5498.6	9661.6	15547.7	22513.6	31136.5	43164.1	59775.2	78719.3	94176.3
-2.5°	2721.4	3695.2	5603.3	9442.8	15424.5	22588.1	31010.9	42435.6	58902.5	77364.8	92884.2
-5°	2671.3	3611.3	5439.0	8993.0	14547.2	21533.4	29638.1	40253.6	55224.8	72376.7	87705.0
-7.5°	2591.5	3458.2	5103.4	8235.3	13202.0	19780.8	27437.7	36820.2	49224.2	64540.7	79552.8
-10°	2476.8	3237.1	4634.3	7232.6	11529.7	17487.6	24337.0	32162.7	42105.0	54967.7	68106.7
-12.5°	2333.6	2958.4	4029.5	5947.6	9535.6	14803.2	20893.4	27791.1	35456.3	44015.7	54908.2
-15°	2177.6	2692.6	3569.7	5145.6	7876.7	11929.4	16906.8	22847.8	29124.9	35571.5	42558.4
-17.5°	2055.2	2472.1	3123.4	4175.6	6007.0	9247.1	13296.9	18000.9	22992.5	27959.9	32274.7
-20°	1912.9	2219.9	2714.3	3506.5	4790.2	6682.7	9714.7	13414.1	17234.8	21127.6	24408.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	1791.0	2045.1	2398.7	2885.1	3715.6	5024.4	6723.9	9312.8	12190.8	15031.3	17627.5
-25°	1675.8	1863.0	2130.0	2501.4	2977.9	3738.6	4827.3	6088.1	8029.5	9756.3	11740.9
-27.5°	1578.6	1729.8	1910.6	2166.8	2511.7	2887.6	3532.6	4229.0	5199.2	5967.3	7335.3
-30°	1488.4	1604.8	1749.6	1915.6	2146.1	2417.6	2734.2	3146.1	3591.5	4052.4	4672.8
-32.5°	1412.3	1502.4	1608.8	1737.2	1873.6	2064.9	2244.4	2488.0	2696.3	2964.9	3258.4
-35°	1337.4	1414.0	1496.0	1589.5	1690.5	1809.6	1932.1	2075.9	2197.8	2352.6	2495.6
-37.5°	1270.2	1330.7	1400.2	1469.8	1548.1	1624.0	1711.6	1797.8	1872.7	1970.2	2048.4
-40°	1208.5	1255.6	1314.2	1372.3	1432.6	1485.4	1548.0	1604.2	1655.7	1711.3	1757.3
-42.5°	1152.1	1195.0	1237.9	1287.0	1335.8	1381.2	1424.2	1460.9	1494.4	1527.2	1552.8
-45°	1100.2	1138.4	1175.7	1213.8	1249.6	1289.5	1325.6	1353.3	1373.8	1391.5	1405.7
-47.5°	1048.6	1084.1	1117.9	1150.1	1181.3	1212.3	1240.8	1259.8	1273.8	1284.2	1291.6
-50°	999.0	1031.8	1063.0	1090.8	1118.2	1144.4	1168.4	1182.3	1192.1	1198.1	1200.0
-52.5°	951.6	981.8	1010.7	1036.7	1060.2	1082.1	1101.0	1111.0	1119.2	1124.9	1126.8
-55°	903.3	931.6	958.5	982.0	1003.8	1024.0	1039.1	1046.5	1051.9	1055.3	1057.4
-57.5°	849.4	877.7	904.7	925.0	945.2	964.9	978.4	985.9	990.9	993.7	996.0
-60°	787.4	814.0	836.3	856.8	877.9	899.0	907.7	914.4	920.9	926.9	932.4
-62.5°	717.5	741.1	759.2	776.2	793.4	809.6	819.1	826.4	831.5	836.1	841.5
-65°	640.8	661.5	677.2	690.2	700.7	712.0	722.4	730.1	735.2	739.9	744.6
-67.5°	559.1	579.5	594.8	607.0	617.0	625.8	633.8	639.8	643.7	647.7	651.9
-70°	478.9	498.0	514.4	528.4	539.4	547.7	554.2	559.4	563.4	566.2	567.7
-72.5°	401.5	417.5	432.3	446.3	458.6	467.2	473.2	478.1	481.7	484.5	485.9
-75°	327.9	341.9	354.4	366.0	376.7	384.1	389.3	393.2	395.7	398.5	400.6
-77.5°	255.0	266.1	276.5	286.1	294.9	302.0	307.6	312.2	315.7	318.0	319.4
-80°	187.2	196.4	204.8	212.4	219.1	224.0	228.3	232.3	236.0	237.7	238.5
-82.5°	128.9	134.7	140.6	146.4	152.0	154.2	155.6	156.7	157.4	159.6	161.5
-85°	75.0	78.2	81.2	84.0	86.5	87.2	87.4	87.3	86.8	88.0	88.9
-87.5°	27.0	27.8	28.6	29.3	29.9	30.5	31.0	31.5	31.9	32.2	32.5
-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: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	32.7	32.9	33.0	33.0	33.0	32.9	32.7	32.5	32.2	31.9	31.5
85°	89.7	90.3	90.6	90.7	90.6	90.3	89.7	88.9	88.0	86.8	87.3
82.5°	163.0	164.0	164.7	164.9	164.7	164.0	163.0	161.5	159.6	157.4	156.7
80°	238.6	238.0	238.8	239.1	238.8	238.0	238.6	238.5	237.7	236.0	232.3
77.5°	320.1	320.0	321.1	321.5	321.1	320.0	320.1	319.4	318.0	315.7	312.2
75°	401.9	402.1	403.4	403.9	403.4	402.1	401.9	400.6	398.5	395.7	393.2
72.5°	485.9	484.5	485.8	486.4	485.8	484.5	485.9	485.9	484.5	481.7	478.1
70°	567.8	566.7	572.0	577.1	572.0	566.7	567.8	567.7	566.2	563.4	559.4
67.5°	654.9	656.6	662.4	667.7	662.4	656.6	654.9	651.9	647.7	643.7	639.8
65°	747.1	747.3	753.0	758.4	753.0	747.3	747.1	744.6	739.9	735.2	730.1
62.5°	844.7	845.7	851.6	857.3	851.6	845.7	844.7	841.5	836.1	831.5	826.4
60°	935.6	936.5	938.7	939.8	938.7	936.5	935.6	932.4	926.9	920.9	914.4
57.5°	996.7	995.8	996.7	997.5	996.7	995.8	996.7	996.0	993.7	990.9	985.9
55°	1057.0	1054.3	1051.2	1047.0	1051.2	1054.3	1057.0	1057.4	1055.3	1051.9	1046.5
52.5°	1125.3	1120.9	1117.0	1112.9	1117.0	1120.9	1125.3	1126.8	1124.9	1119.2	1111.0
50°	1198.8	1194.9	1191.1	1187.1	1191.1	1194.9	1198.8	1200.0	1198.1	1192.1	1182.3
47.5°	1296.7	1298.4	1297.7	1294.3	1297.7	1298.4	1296.7	1291.6	1284.2	1273.8	1259.8
45°	1415.7	1420.5	1421.1	1417.9	1421.1	1420.5	1415.7	1405.7	1391.5	1373.8	1353.3
42.5°	1570.8	1581.2	1587.0	1591.0	1587.0	1581.2	1570.8	1552.8	1527.2	1494.4	1460.9
40°	1790.8	1812.1	1825.7	1838.4	1825.7	1812.1	1790.8	1757.3	1711.3	1655.7	1604.2
37.5°	2106.3	2145.0	2162.2	2151.6	2162.2	2145.0	2106.3	2048.4	1970.2	1872.7	1797.8
35°	2605.6	2679.1	2717.3	2720.4	2717.3	2679.1	2605.6	2495.6	2352.6	2197.8	2075.9
32.5°	3475.3	3625.7	3706.6	3717.9	3706.6	3625.7	3475.3	3258.4	2964.9	2696.3	2488.0
30°	5147.8	5454.6	5598.7	5564.5	5598.7	5454.6	5147.8	4672.8	4052.4	3591.5	3146.1
27.5°	8398.7	9163.9	9617.3	9653.4	9617.3	9163.9	8398.7	7335.3	5967.3	5199.2	4229.0
25°	13498.6	14804.9	15641.3	15654.8	15641.3	14804.9	13498.6	11740.9	9756.3	8029.5	6088.1
22.5°	20028.2	21811.2	22788.2	22958.8	22788.2	21811.2	20028.2	17627.5	15031.3	12190.8	9312.8
20°	27592.9	29964.9	31233.9	31235.5	31233.9	29964.9	27592.9	24408.1	21127.6	17234.8	13414.1
17.5°	36909.3	40760.8	43178.6	44219.3	43178.6	40760.8	36909.3	32274.7	27959.9	22992.5	18000.9
15°	49286.2	55758.5	59636.9	60335.8	59636.9	55758.5	49286.2	42558.4	35571.5	29124.9	22847.8
12.5°	64356.5	72547.3	78053.3	80071.3	78053.3	72547.3	64356.5	54908.2	44015.7	35456.3	27791.1
10°	80091.2	87680.5	93579.0	95561.2	93579.0	87680.5	80091.2	68106.7	54967.7	42105.0	32162.7
7.5°	91458.2	100508.2	107152.5	110070.2	107152.5	100508.2	91458.2	79552.8	64540.7	49224.2	36820.2
5°	100431.4	111139.6	117324.8	120069.8	117324.8	111139.6	100431.4	87705.0	72376.7	55224.8	40253.6
2.5°	106318.8	116899.7	123449.4	125980.6	123449.4	116899.7	106318.8	92884.2	77364.8	58902.5	42435.6
0°	108520.4	118866.2	125337.6	128429.0	125337.6	118866.2	108520.4	94176.3	78719.3	59775.2	43164.1
-2.5°	106318.8	116899.7	123449.4	125980.6	123449.4	116899.7	106318.8	92884.2	77364.8	58902.5	42435.6
-5°	100431.4	111139.6	117324.8	120069.8	117324.8	111139.6	100431.4	87705.0	72376.7	55224.8	40253.6
-7.5°	91458.2	100508.2	107152.5	110070.2	107152.5	100508.2	91458.2	79552.8	64540.7	49224.2	36820.2
-10°	80091.2	87680.5	93579.0	95561.2	93579.0	87680.5	80091.2	68106.7	54967.7	42105.0	32162.7
-12.5°	64356.5	72547.3	78053.3	80071.3	78053.3	72547.3	64356.5	54908.2	44015.7	35456.3	27791.1
-15°	49286.2	55758.5	59636.9	60335.8	59636.9	55758.5	49286.2	42558.4	35571.5	29124.9	22847.8
-17.5°	36909.3	40760.8	43178.6	44219.3	43178.6	40760.8	36909.3	32274.7	27959.9	22992.5	18000.9
-20°	27592.9	29964.9	31233.9	31235.5	31233.9	29964.9	27592.9	24408.1	21127.6	17234.8	13414.1



REPORT NUMBER: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	20028.2	21811.2	22788.2	22958.8	22788.2	21811.2	20028.2	17627.5	15031.3	12190.8	9312.8
-25°	13498.6	14804.9	15641.3	15654.8	15641.3	14804.9	13498.6	11740.9	9756.3	8029.5	6088.1
-27.5°	8398.7	9163.9	9617.3	9653.4	9617.3	9163.9	8398.7	7335.3	5967.3	5199.2	4229.0
-30°	5147.8	5454.6	5598.7	5564.5	5598.7	5454.6	5147.8	4672.8	4052.4	3591.5	3146.1
-32.5°	3475.3	3625.7	3706.6	3717.9	3706.6	3625.7	3475.3	3258.4	2964.9	2696.3	2488.0
-35°	2605.6	2679.1	2717.3	2720.4	2717.3	2679.1	2605.6	2495.6	2352.6	2197.8	2075.9
-37.5°	2106.3	2145.0	2162.2	2151.6	2162.2	2145.0	2106.3	2048.4	1970.2	1872.7	1797.8
-40°	1790.8	1812.1	1825.7	1838.4	1825.7	1812.1	1790.8	1757.3	1711.3	1655.7	1604.2
-42.5°	1570.8	1581.2	1587.0	1591.0	1587.0	1581.2	1570.8	1552.8	1527.2	1494.4	1460.9
-45°	1415.7	1420.5	1421.1	1417.9	1421.1	1420.5	1415.7	1405.7	1391.5	1373.8	1353.3
-47.5°	1296.7	1298.4	1297.7	1294.3	1297.7	1298.4	1296.7	1291.6	1284.2	1273.8	1259.8
-50°	1198.8	1194.9	1191.1	1187.1	1191.1	1194.9	1198.8	1200.0	1198.1	1192.1	1182.3
-52.5°	1125.3	1120.9	1117.0	1112.9	1117.0	1120.9	1125.3	1126.8	1124.9	1119.2	1111.0
-55°	1057.0	1054.3	1051.2	1047.0	1051.2	1054.3	1057.0	1057.4	1055.3	1051.9	1046.5
-57.5°	996.7	995.8	996.7	997.5	996.7	995.8	996.7	996.0	993.7	990.9	985.9
-60°	935.6	936.5	938.7	939.8	938.7	936.5	935.6	932.4	926.9	920.9	914.4
-62.5°	844.7	845.7	851.6	857.3	851.6	845.7	844.7	841.5	836.1	831.5	826.4
-65°	747.1	747.3	753.0	758.4	753.0	747.3	747.1	744.6	739.9	735.2	730.1
-67.5°	654.9	656.6	662.4	667.7	662.4	656.6	654.9	651.9	647.7	643.7	639.8
-70°	567.8	566.7	572.0	577.1	572.0	566.7	567.8	567.7	566.2	563.4	559.4
-72.5°	485.9	484.5	485.8	486.4	485.8	484.5	485.9	485.9	484.5	481.7	478.1
-75°	401.9	402.1	403.4	403.9	403.4	402.1	401.9	400.6	398.5	395.7	393.2
-77.5°	320.1	320.0	321.1	321.5	321.1	320.0	320.1	319.4	318.0	315.7	312.2
-80°	238.6	238.0	238.8	239.1	238.8	238.0	238.6	238.5	237.7	236.0	232.3
-82.5°	163.0	164.0	164.7	164.9	164.7	164.0	163.0	161.5	159.6	157.4	156.7
-85°	89.7	90.3	90.6	90.7	90.6	90.3	89.7	88.9	88.0	86.8	87.3
-87.5°	32.7	32.9	33.0	33.0	33.0	32.9	32.7	32.5	32.2	31.9	31.5
-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: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	31.0	30.5	29.9	29.3	28.6	27.8	27.0	26.2	25.3	24.3	23.3
85°	87.4	87.2	86.5	84.0	81.2	78.2	75.0	71.6	68.0	64.2	60.2
82.5°	155.6	154.2	152.0	146.4	140.6	134.7	128.9	123.8	118.4	112.7	106.7
80°	228.3	224.0	219.1	212.4	204.8	196.4	187.2	178.7	169.7	161.1	153.1
77.5°	307.6	302.0	294.9	286.1	276.5	266.1	255.0	243.6	232.3	220.3	207.9
75°	389.3	384.1	376.7	366.0	354.4	341.9	327.9	312.3	296.5	280.8	265.5
72.5°	473.2	467.2	458.6	446.3	432.3	417.5	401.5	383.7	364.1	342.8	323.4
70°	554.2	547.7	539.4	528.4	514.4	498.0	478.9	458.1	436.2	413.2	389.5
67.5°	633.8	625.8	617.0	607.0	594.8	579.5	559.1	535.0	509.7	483.6	456.4
65°	722.4	712.0	700.7	690.2	677.2	661.5	640.8	617.5	589.7	557.7	523.2
62.5°	819.1	809.6	793.4	776.2	759.2	741.1	717.5	692.2	666.7	637.1	595.9
60°	907.7	899.0	877.9	856.8	836.3	814.0	787.4	760.5	733.6	701.3	663.7
57.5°	978.4	964.9	945.2	925.0	904.7	877.7	849.4	822.6	793.2	761.9	727.0
55°	1039.1	1024.0	1003.8	982.0	958.5	931.6	903.3	873.3	845.0	819.2	783.4
52.5°	1101.0	1082.1	1060.2	1036.7	1010.7	981.8	951.6	920.0	892.6	865.8	835.7
50°	1168.4	1144.4	1118.2	1090.8	1063.0	1031.8	999.0	965.5	939.1	911.3	881.1
47.5°	1240.8	1212.3	1181.3	1150.1	1117.9	1084.1	1048.6	1012.6	983.5	954.9	923.6
45°	1325.6	1289.5	1249.6	1213.8	1175.7	1138.4	1100.2	1062.9	1026.4	994.2	964.1
42.5°	1424.2	1381.2	1335.8	1287.0	1237.9	1195.0	1152.1	1111.9	1071.3	1032.5	997.8
40°	1548.0	1485.4	1432.6	1372.3	1314.2	1255.6	1208.5	1160.2	1115.9	1072.0	1031.9
37.5°	1711.6	1624.0	1548.1	1469.8	1400.2	1330.7	1270.2	1215.3	1160.2	1113.0	1068.1
35°	1932.1	1809.6	1690.5	1589.5	1496.0	1414.0	1337.4	1272.9	1212.2	1154.5	1104.2
32.5°	2244.4	2064.9	1873.6	1737.2	1608.8	1502.4	1412.3	1332.1	1262.6	1199.1	1141.5
30°	2734.2	2417.6	2146.1	1915.6	1749.6	1604.8	1488.4	1394.3	1312.6	1242.1	1178.1
27.5°	3532.6	2887.6	2511.7	2166.8	1910.6	1729.8	1578.6	1455.9	1361.3	1284.0	1214.0
25°	4827.3	3738.6	2977.9	2501.4	2130.0	1863.0	1675.8	1529.7	1413.8	1322.0	1239.6
22.5°	6723.9	5024.4	3715.6	2885.1	2398.7	2045.1	1791.0	1602.4	1460.9	1354.5	1264.9
20°	9714.7	6682.7	4790.2	3506.5	2714.3	2219.9	1912.9	1687.8	1518.5	1389.5	1287.3
17.5°	13296.9	9247.1	6007.0	4175.6	3123.4	2472.1	2055.2	1769.7	1569.4	1421.2	1306.2
15°	16906.8	11929.4	7876.7	5145.6	3569.7	2692.6	2177.6	1840.5	1619.1	1455.8	1330.0
12.5°	20893.4	14803.2	9535.6	5947.6	4029.5	2958.4	2333.6	1935.8	1673.5	1490.4	1352.9
10°	24337.0	17487.6	11529.7	7232.6	4634.3	3237.1	2476.8	2017.5	1718.9	1518.4	1370.7
7.5°	27437.7	19780.8	13202.0	8235.3	5103.4	3458.2	2591.5	2082.6	1753.0	1538.9	1383.3
5°	29638.1	21533.4	14547.2	8993.0	5439.0	3611.3	2671.3	2128.7	1775.5	1551.7	1390.6
2.5°	31010.9	22588.1	15424.5	9442.8	5603.3	3695.2	2721.4	2154.9	1794.5	1566.0	1394.7
0°	31136.5	22513.6	15547.7	9661.6	5498.6	3709.7	2745.2	2159.9	1805.4	1574.6	1393.2
-2.5°	31010.9	22588.1	15424.5	9442.8	5603.3	3695.2	2721.4	2154.9	1794.5	1566.0	1394.7
-5°	29638.1	21533.4	14547.2	8993.0	5439.0	3611.3	2671.3	2128.7	1775.5	1551.7	1390.6
-7.5°	27437.7	19780.8	13202.0	8235.3	5103.4	3458.2	2591.5	2082.6	1753.0	1538.9	1383.3
-10°	24337.0	17487.6	11529.7	7232.6	4634.3	3237.1	2476.8	2017.5	1718.9	1518.4	1370.7
-12.5°	20893.4	14803.2	9535.6	5947.6	4029.5	2958.4	2333.6	1935.8	1673.5	1490.4	1352.9
-15°	16906.8	11929.4	7876.7	5145.6	3569.7	2692.6	2177.6	1840.5	1619.1	1455.8	1330.0
-17.5°	13296.9	9247.1	6007.0	4175.6	3123.4	2472.1	2055.2	1769.7	1569.4	1421.2	1306.2
-20°	9714.7	6682.7	4790.2	3506.5	2714.3	2219.9	1912.9	1687.8	1518.5	1389.5	1287.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	6723.9	5024.4	3715.6	2885.1	2398.7	2045.1	1791.0	1602.4	1460.9	1354.5	1264.9
-25°	4827.3	3738.6	2977.9	2501.4	2130.0	1863.0	1675.8	1529.7	1413.8	1322.0	1239.6
-27.5°	3532.6	2887.6	2511.7	2166.8	1910.6	1729.8	1578.6	1455.9	1361.3	1284.0	1214.0
-30°	2734.2	2417.6	2146.1	1915.6	1749.6	1604.8	1488.4	1394.3	1312.6	1242.1	1178.1
-32.5°	2244.4	2064.9	1873.6	1737.2	1608.8	1502.4	1412.3	1332.1	1262.6	1199.1	1141.5
-35°	1932.1	1809.6	1690.5	1589.5	1496.0	1414.0	1337.4	1272.9	1212.2	1154.5	1104.2
-37.5°	1711.6	1624.0	1548.1	1469.8	1400.2	1330.7	1270.2	1215.3	1160.2	1113.0	1068.1
-40°	1548.0	1485.4	1432.6	1372.3	1314.2	1255.6	1208.5	1160.2	1115.9	1072.0	1031.9
-42.5°	1424.2	1381.2	1335.8	1287.0	1237.9	1195.0	1152.1	1111.9	1071.3	1032.5	997.8
-45°	1325.6	1289.5	1249.6	1213.8	1175.7	1138.4	1100.2	1062.9	1026.4	994.2	964.1
-47.5°	1240.8	1212.3	1181.3	1150.1	1117.9	1084.1	1048.6	1012.6	983.5	954.9	923.6
-50°	1168.4	1144.4	1118.2	1090.8	1063.0	1031.8	999.0	965.5	939.1	911.3	881.1
-52.5°	1101.0	1082.1	1060.2	1036.7	1010.7	981.8	951.6	920.0	892.6	865.8	835.7
-55°	1039.1	1024.0	1003.8	982.0	958.5	931.6	903.3	873.3	845.0	819.2	783.4
-57.5°	978.4	964.9	945.2	925.0	904.7	877.7	849.4	822.6	793.2	761.9	727.0
-60°	907.7	899.0	877.9	856.8	836.3	814.0	787.4	760.5	733.6	701.3	663.7
-62.5°	819.1	809.6	793.4	776.2	759.2	741.1	717.5	692.2	666.7	637.1	595.9
-65°	722.4	712.0	700.7	690.2	677.2	661.5	640.8	617.5	589.7	557.7	523.2
-67.5°	633.8	625.8	617.0	607.0	594.8	579.5	559.1	535.0	509.7	483.6	456.4
-70°	554.2	547.7	539.4	528.4	514.4	498.0	478.9	458.1	436.2	413.2	389.5
-72.5°	473.2	467.2	458.6	446.3	432.3	417.5	401.5	383.7	364.1	342.8	323.4
-75°	389.3	384.1	376.7	366.0	354.4	341.9	327.9	312.3	296.5	280.8	265.5
-77.5°	307.6	302.0	294.9	286.1	276.5	266.1	255.0	243.6	232.3	220.3	207.9
-80°	228.3	224.0	219.1	212.4	204.8	196.4	187.2	178.7	169.7	161.1	153.1
-82.5°	155.6	154.2	152.0	146.4	140.6	134.7	128.9	123.8	118.4	112.7	106.7
-85°	87.4	87.2	86.5	84.0	81.2	78.2	75.0	71.6	68.0	64.2	60.2
-87.5°	31.0	30.5	29.9	29.3	28.6	27.8	27.0	26.2	25.3	24.3	23.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	22.3	21.2	20.1	18.9	17.7	16.5	15.2	13.9	12.6	11.3	9.9
85°	56.1	51.8	47.3	42.6	37.9	33.0	30.4	27.9	25.2	22.5	19.8
82.5°	100.5	94.0	87.2	80.3	73.1	65.7	58.2	50.4	42.3	34.4	29.7
80°	144.8	136.1	127.1	117.9	108.6	98.4	88.3	77.8	66.3	55.3	44.7
77.5°	194.8	181.3	167.3	155.6	144.9	133.1	120.3	105.8	90.1	75.9	62.3
75°	249.7	233.3	216.5	199.9	184.0	167.9	153.2	136.3	116.6	96.6	79.6
72.5°	306.2	287.4	267.0	246.1	227.2	207.8	187.8	166.4	143.8	120.9	97.7
70°	366.1	342.8	320.0	296.3	272.1	247.6	224.6	198.8	170.7	144.9	118.7
67.5°	428.1	400.4	373.1	346.2	318.7	290.4	261.5	231.3	200.2	168.5	139.4
65°	491.6	458.9	425.5	395.6	364.8	333.1	300.8	264.1	229.1	194.3	159.8
62.5°	556.2	518.3	481.4	445.1	410.2	375.2	339.0	297.9	257.8	219.6	181.3
60°	621.4	577.8	536.1	495.6	455.6	416.7	375.8	330.6	286.8	244.3	202.9
57.5°	683.7	635.7	588.4	544.1	500.7	457.5	411.7	363.0	314.9	268.8	224.1
55°	744.4	695.2	639.7	589.3	543.2	497.2	446.5	394.9	342.4	292.6	244.6
52.5°	797.9	748.9	691.3	633.7	582.0	533.9	479.7	425.8	370.2	315.4	264.6
50°	846.2	796.7	738.9	678.1	619.2	565.9	511.3	454.4	397.1	337.9	283.9
47.5°	888.1	840.6	783.5	719.9	657.0	596.7	540.0	481.5	423.1	360.9	302.5
45°	925.9	882.8	826.2	761.0	692.1	628.0	567.1	507.1	446.0	383.2	320.3
42.5°	961.2	919.4	867.6	801.0	727.7	658.1	592.9	530.6	467.5	404.3	338.2
40°	993.2	951.3	906.4	838.6	761.5	686.2	618.3	552.9	487.8	423.6	355.5
37.5°	1024.8	981.5	935.0	873.6	793.1	714.9	642.1	573.9	507.2	440.8	371.8
35°	1057.3	1010.9	960.0	901.2	823.3	741.4	663.8	593.6	525.5	457.0	386.9
32.5°	1088.4	1037.3	983.0	924.4	851.5	765.4	685.1	612.8	542.7	472.2	400.9
30°	1119.0	1058.9	1003.4	948.2	876.1	789.0	705.9	630.6	558.6	486.2	413.6
27.5°	1142.3	1077.8	1021.4	966.8	896.7	810.8	726.1	647.1	573.2	499.2	424.8
25°	1163.2	1095.9	1036.8	981.6	917.0	833.3	744.7	662.1	586.6	511.0	435.1
22.5°	1184.2	1111.7	1049.6	994.2	936.3	853.6	762.2	677.2	598.7	521.6	444.3
20°	1202.2	1124.4	1060.2	1005.8	949.1	869.4	778.6	690.6	609.3	531.0	452.5
17.5°	1217.6	1137.4	1071.4	1015.2	957.9	882.7	793.0	702.2	618.6	539.1	459.6
15°	1233.4	1150.9	1080.9	1022.5	965.6	893.7	805.2	712.1	626.5	546.1	466.1
12.5°	1246.9	1160.8	1088.3	1027.8	972.0	902.2	815.3	720.3	633.0	552.5	472.3
10°	1257.5	1167.4	1093.5	1031.1	977.0	908.4	823.3	727.8	640.7	558.4	477.3
7.5°	1264.9	1170.7	1096.6	1032.4	980.6	914.0	831.0	736.1	647.5	562.9	481.3
5°	1269.9	1172.1	1098.5	1035.5	982.7	919.2	836.6	742.7	653.0	566.2	484.1
2.5°	1275.7	1172.7	1098.6	1037.9	982.8	922.3	839.8	747.3	657.0	568.1	485.8
0°	1277.8	1170.6	1096.4	1038.7	981.0	923.3	840.9	750.2	659.5	568.8	486.4
-2.5°	1275.7	1172.7	1098.6	1037.9	982.8	922.3	839.8	747.3	657.0	568.1	485.8
-5°	1269.9	1172.1	1098.5	1035.5	982.7	919.2	836.6	742.7	653.0	566.2	484.1
-7.5°	1264.9	1170.7	1096.6	1032.4	980.6	914.0	831.0	736.1	647.5	562.9	481.3
-10°	1257.5	1167.4	1093.5	1031.1	977.0	908.4	823.3	727.8	640.7	558.4	477.3
-12.5°	1246.9	1160.8	1088.3	1027.8	972.0	902.2	815.3	720.3	633.0	552.5	472.3
-15°	1233.4	1150.9	1080.9	1022.5	965.6	893.7	805.2	712.1	626.5	546.1	466.1
-17.5°	1217.6	1137.4	1071.4	1015.2	957.9	882.7	793.0	702.2	618.6	539.1	459.6
-20°	1202.2	1124.4	1060.2	1005.8	949.1	869.4	778.6	690.6	609.3	531.0	452.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	1184.2	1111.7	1049.6	994.2	936.3	853.6	762.2	677.2	598.7	521.6	444.3
-25°	1163.2	1095.9	1036.8	981.6	917.0	833.3	744.7	662.1	586.6	511.0	435.1
-27.5°	1142.3	1077.8	1021.4	966.8	896.7	810.8	726.1	647.1	573.2	499.2	424.8
-30°	1119.0	1058.9	1003.4	948.2	876.1	789.0	705.9	630.6	558.6	486.2	413.6
-32.5°	1088.4	1037.3	983.0	924.4	851.5	765.4	685.1	612.8	542.7	472.2	400.9
-35°	1057.3	1010.9	960.0	901.2	823.3	741.4	663.8	593.6	525.5	457.0	386.9
-37.5°	1024.8	981.5	935.0	873.6	793.1	714.9	642.1	573.9	507.2	440.8	371.8
-40°	993.2	951.3	906.4	838.6	761.5	686.2	618.3	552.9	487.8	423.6	355.5
-42.5°	961.2	919.4	867.6	801.0	727.7	658.1	592.9	530.6	467.5	404.3	338.2
-45°	925.9	882.8	826.2	761.0	692.1	628.0	567.1	507.1	446.0	383.2	320.3
-47.5°	888.1	840.6	783.5	719.9	657.0	596.7	540.0	481.5	423.1	360.9	302.5
-50°	846.2	796.7	738.9	678.1	619.2	565.9	511.3	454.4	397.1	337.9	283.9
-52.5°	797.9	748.9	691.3	633.7	582.0	533.9	479.7	425.8	370.2	315.4	264.6
-55°	744.4	695.2	639.7	589.3	543.2	497.2	446.5	394.9	342.4	292.6	244.6
-57.5°	683.7	635.7	588.4	544.1	500.7	457.5	411.7	363.0	314.9	268.8	224.1
-60°	621.4	577.8	536.1	495.6	455.6	416.7	375.8	330.6	286.8	244.3	202.9
-62.5°	556.2	518.3	481.4	445.1	410.2	375.2	339.0	297.9	257.8	219.6	181.3
-65°	491.6	458.9	425.5	395.6	364.8	333.1	300.8	264.1	229.1	194.3	159.8
-67.5°	428.1	400.4	373.1	346.2	318.7	290.4	261.5	231.3	200.2	168.5	139.4
-70°	366.1	342.8	320.0	296.3	272.1	247.6	224.6	198.8	170.7	144.9	118.7
-72.5°	306.2	287.4	267.0	246.1	227.2	207.8	187.8	166.4	143.8	120.9	97.7
-75°	249.7	233.3	216.5	199.9	184.0	167.9	153.2	136.3	116.6	96.6	79.6
-77.5°	194.8	181.3	167.3	155.6	144.9	133.1	120.3	105.8	90.1	75.9	62.3
-80°	144.8	136.1	127.1	117.9	108.6	98.4	88.3	77.8	66.3	55.3	44.7
-82.5°	100.5	94.0	87.2	80.3	73.1	65.7	58.2	50.4	42.3	34.4	29.7
-85°	56.1	51.8	47.3	42.6	37.9	33.0	30.4	27.9	25.2	22.5	19.8
-87.5°	22.3	21.2	20.1	18.9	17.7	16.5	15.2	13.9	12.6	11.3	9.9
-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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1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
85°	17.1	14.3	11.4	8.6	5.7	2.9	0.0
82.5°	25.6	21.4	17.1	12.9	8.6	4.3	0.0
80°	34.8	28.4	22.8	17.1	11.4	5.7	0.0
77.5°	49.4	37.3	28.4	21.4	14.3	7.1	0.0
75°	63.9	49.4	34.8	25.6	17.1	8.5	0.0
72.5°	78.3	61.4	44.4	29.7	19.8	9.9	0.0
70°	93.0	73.3	53.9	34.4	22.5	11.3	0.0
67.5°	111.0	85.0	63.2	41.4	25.2	12.6	0.0
65°	128.7	98.1	72.4	48.3	27.9	13.9	0.0
62.5°	146.0	112.5	81.4	55.0	30.4	15.2	0.0
60°	163.0	126.7	90.3	61.7	33.0	16.5	0.0
57.5°	180.8	140.5	101.2	68.1	37.2	17.7	0.0
55°	198.2	154.0	112.0	74.4	41.4	18.9	0.0
52.5°	215.0	167.1	122.4	80.5	45.5	20.1	0.0
50°	231.0	180.4	132.5	86.4	49.4	21.2	0.0
47.5°	246.5	193.1	142.3	92.5	53.2	22.3	0.0
45°	261.8	205.3	151.6	99.5	56.8	23.3	0.0
42.5°	276.4	216.8	160.6	106.2	60.3	24.3	0.0
40°	290.3	227.6	169.3	112.5	63.7	25.3	0.0
37.5°	303.5	237.9	177.5	118.5	66.8	26.2	0.0
35°	316.0	247.9	185.2	124.0	69.8	27.0	0.0
32.5°	327.8	257.6	192.4	129.0	72.6	27.8	0.0
30°	339.0	266.7	199.0	133.7	75.2	28.6	0.0
27.5°	349.2	275.0	205.0	138.0	77.6	29.3	0.0
25°	358.4	282.7	210.6	141.8	79.9	29.9	0.0
22.5°	366.6	289.5	215.7	145.2	81.9	30.5	0.0
20°	373.8	295.5	220.4	148.1	83.7	31.0	0.0
17.5°	380.3	300.7	224.6	150.6	85.3	31.5	0.0
15°	386.3	304.9	228.3	152.7	86.8	31.9	0.0
12.5°	391.5	308.3	231.5	154.4	88.0	32.2	0.0
10°	395.9	310.9	234.2	155.7	88.9	32.5	0.0
7.5°	399.3	312.7	236.3	156.5	89.7	32.7	0.0
5°	401.8	313.6	237.9	156.9	90.3	32.9	0.0
2.5°	403.4	313.8	238.8	157.0	90.6	33.0	0.0
0°	403.9	313.3	239.1	156.6	90.7	33.0	0.0
-2.5°	403.4	313.8	238.8	157.0	90.6	33.0	0.0
-5°	401.8	313.6	237.9	156.9	90.3	32.9	0.0
-7.5°	399.3	312.7	236.3	156.5	89.7	32.7	0.0
-10°	395.9	310.9	234.2	155.7	88.9	32.5	0.0
-12.5°	391.5	308.3	231.5	154.4	88.0	32.2	0.0
-15°	386.3	304.9	228.3	152.7	86.8	31.9	0.0
-17.5°	380.3	300.7	224.6	150.6	85.3	31.5	0.0
-20°	373.8	295.5	220.4	148.1	83.7	31.0	0.0

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Scaled Data Report



REPORT NUMBER: P627715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	366.6	289.5	215.7	145.2	81.9	30.5	0.0
-25°	358.4	282.7	210.6	141.8	79.9	29.9	0.0
-27.5°	349.2	275.0	205.0	138.0	77.6	29.3	0.0
-30°	339.0	266.7	199.0	133.7	75.2	28.6	0.0
-32.5°	327.8	257.6	192.4	129.0	72.6	27.8	0.0
-35°	316.0	247.9	185.2	124.0	69.8	27.0	0.0
-37.5°	303.5	237.9	177.5	118.5	66.8	26.2	0.0
-40°	290.3	227.6	169.3	112.5	63.7	25.3	0.0
-42.5°	276.4	216.8	160.6	106.2	60.3	24.3	0.0
-45°	261.8	205.3	151.6	99.5	56.8	23.3	0.0
-47.5°	246.5	193.1	142.3	92.5	53.2	22.3	0.0
-50°	231.0	180.4	132.5	86.4	49.4	21.2	0.0
-52.5°	215.0	167.1	122.4	80.5	45.5	20.1	0.0
-55°	198.2	154.0	112.0	74.4	41.4	18.9	0.0
-57.5°	180.8	140.5	101.2	68.1	37.2	17.7	0.0
-60°	163.0	126.7	90.3	61.7	33.0	16.5	0.0
-62.5°	146.0	112.5	81.4	55.0	30.4	15.2	0.0
-65°	128.7	98.1	72.4	48.3	27.9	13.9	0.0
-67.5°	111.0	85.0	63.2	41.4	25.2	12.6	0.0
-70°	93.0	73.3	53.9	34.4	22.5	11.3	0.0
-72.5°	78.3	61.4	44.4	29.7	19.8	9.9	0.0
-75°	63.9	49.4	34.8	25.6	17.1	8.5	0.0
-77.5°	49.4	37.3	28.4	21.4	14.3	7.1	0.0
-80°	34.8	28.4	22.8	17.1	11.4	5.7	0.0
-82.5°	25.6	21.4	17.1	12.9	8.6	4.3	0.0
-85°	17.1	14.3	11.4	8.6	5.7	2.9	0.0
-87.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)