

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: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627955 (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-SA6D-750-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N152
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

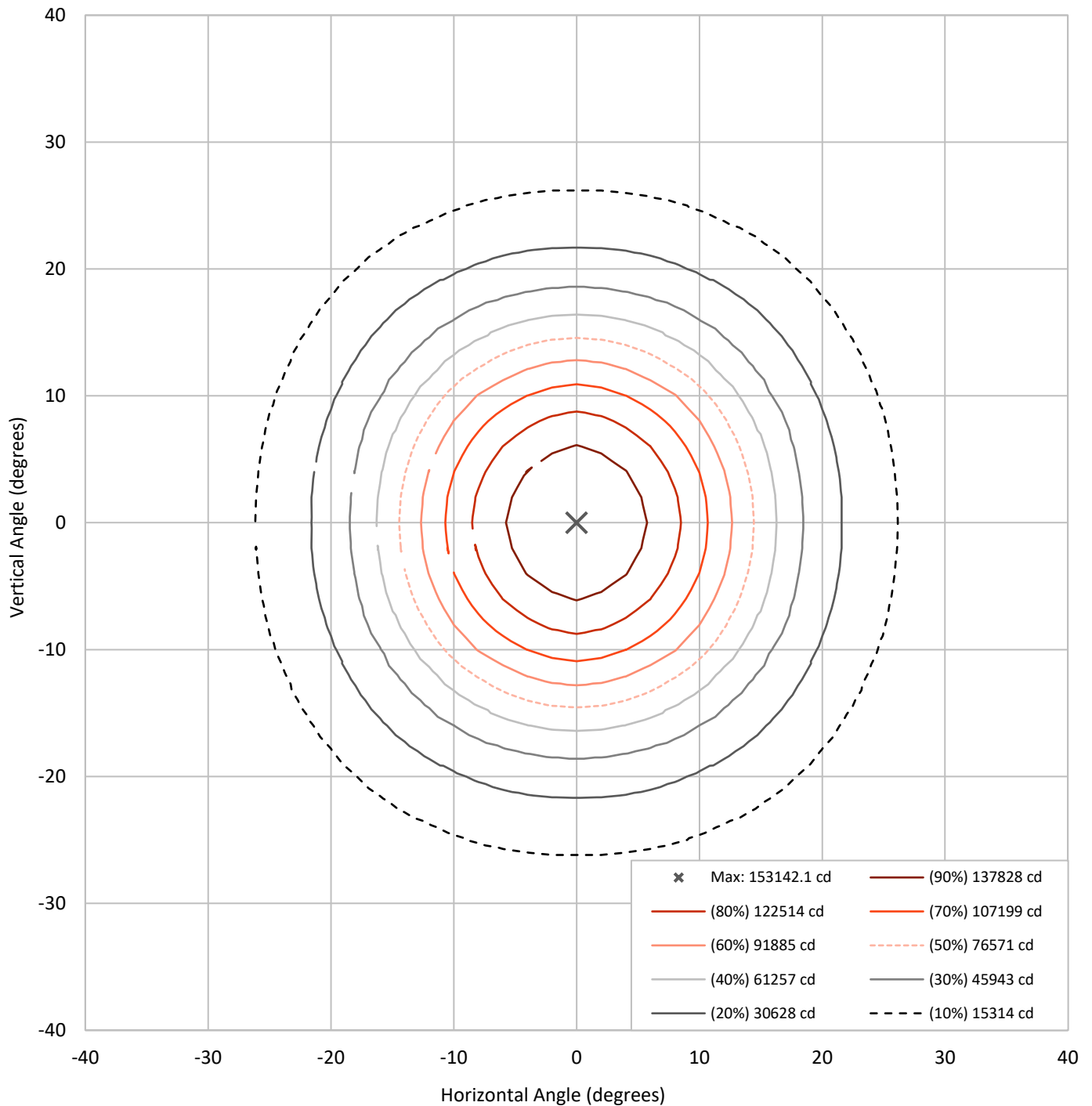
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	47846.9 lumens	Max Intensity:	153142.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.8 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:	23262.5 lumens	Field Lumens:	39257.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	325.9		
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





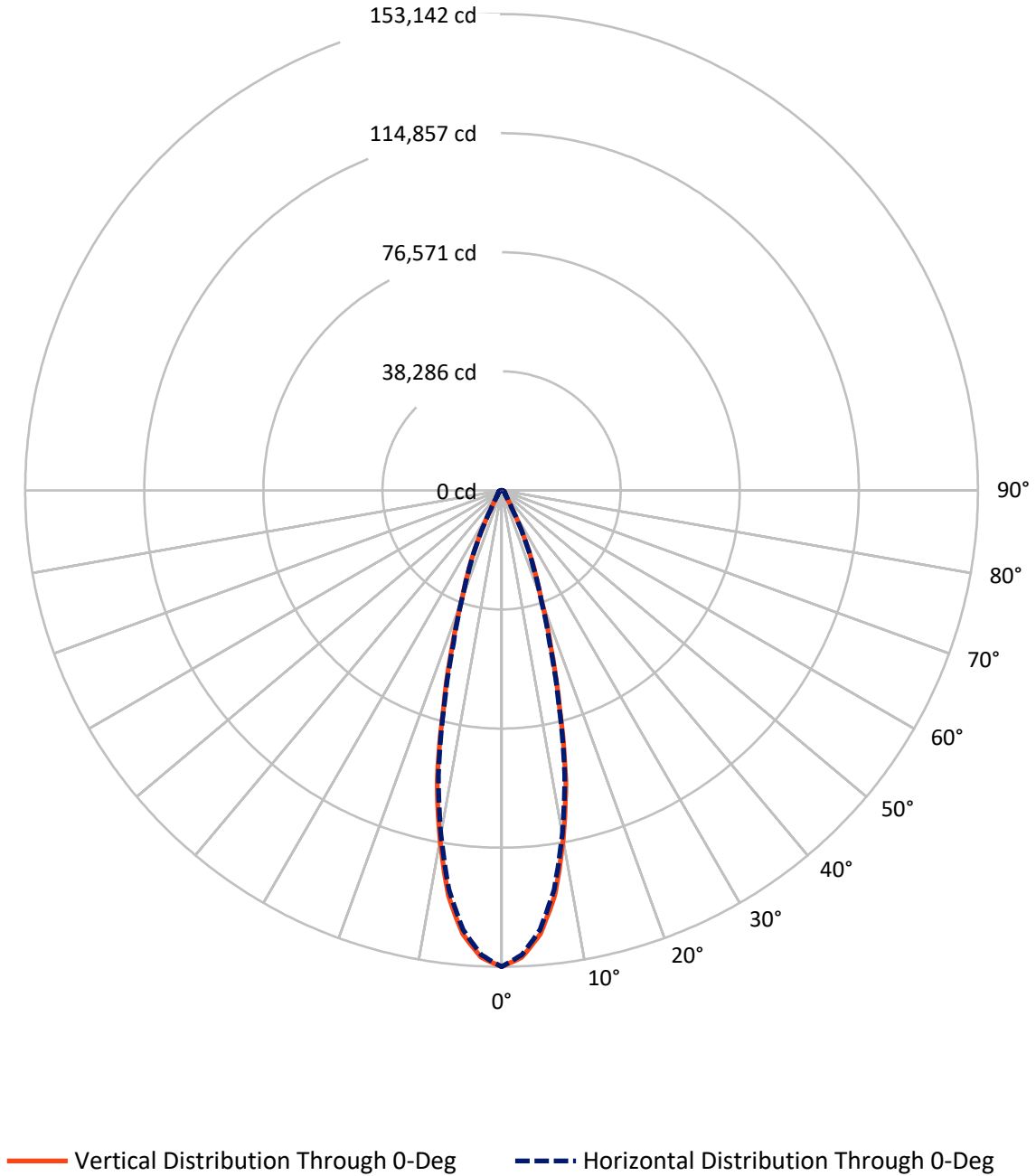
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Lumen Table

90																			
80	0.9	7.9		20.8		32.8		36.5		32.8		20.8		7.9	0.9				
70																			
60	3.6	4.1	8.3	13.5	18.9	23.2	25.9	27.2	27.2	25.9	23.2	18.9	13.5	8.3	4.1	3.6			
50		6.1	12.4	19.9	26.8	32.9	36.9	38.3	38.3	36.9	32.9	26.8	19.9	12.4	6.1				
40	6.3	7.9	15.9	24.6	32.8	41.5	48.7	52.3	52.3	48.7	41.5	32.8	24.6	15.9	7.9	6.3			
30		9.2	18.6	28.5	40.2	57.3	82.9	107.7	107.7	82.9	57.3	40.2	28.5	18.6	9.2				
20	8.1	10.3	20.4	32.0	51.4	111.9	314.9	558.5	558.5	314.9	111.9	51.4	32.0	20.4	10.3	8.1			
10		11.1	21.4	34.8	70.1	293.7	1046.6	2005.6	2005.6	1046.6	293.7	70.1	34.8	21.4	11.1				
0	8.7	11.5	21.7	36.6	89.0	506.9	1937.2	3810.6	3810.6	1937.2	506.9	89.0	36.6	21.7	11.5	8.7			
-10		11.5	21.7	36.6	89.0	506.9	1937.2	3810.6	3810.6	1937.2	506.9	89.0	36.6	21.7	11.5				
-20	8.1	11.1	21.4	34.8	70.1	293.7	1046.6	2005.6	2005.6	1046.6	293.7	70.1	34.8	21.4	11.1	8.1			
-30		10.3	20.4	32.0	51.4	111.9	314.9	558.5	558.5	314.9	111.9	51.4	32.0	20.4	10.3				
-40	6.3	9.2	18.6	28.5	40.2	57.3	82.9	107.7	107.7	82.9	57.3	40.2	28.5	18.6	9.2	6.3			
-50		7.9	15.9	24.6	32.8	41.5	48.7	52.3	52.3	48.7	41.5	32.8	24.6	15.9	7.9				
-60	3.6	6.1	12.4	19.9	26.8	32.9	36.9	38.3	38.3	36.9	32.9	26.8	19.9	12.4	6.1	3.6			
-70		4.1	8.3	13.5	18.9	23.2	25.9	27.2	27.2	25.9	23.2	18.9	13.5	8.3	4.1				
-80																			
-90	0.9	7.9		20.8		32.8		36.5		32.8		20.8		7.9	0.9				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

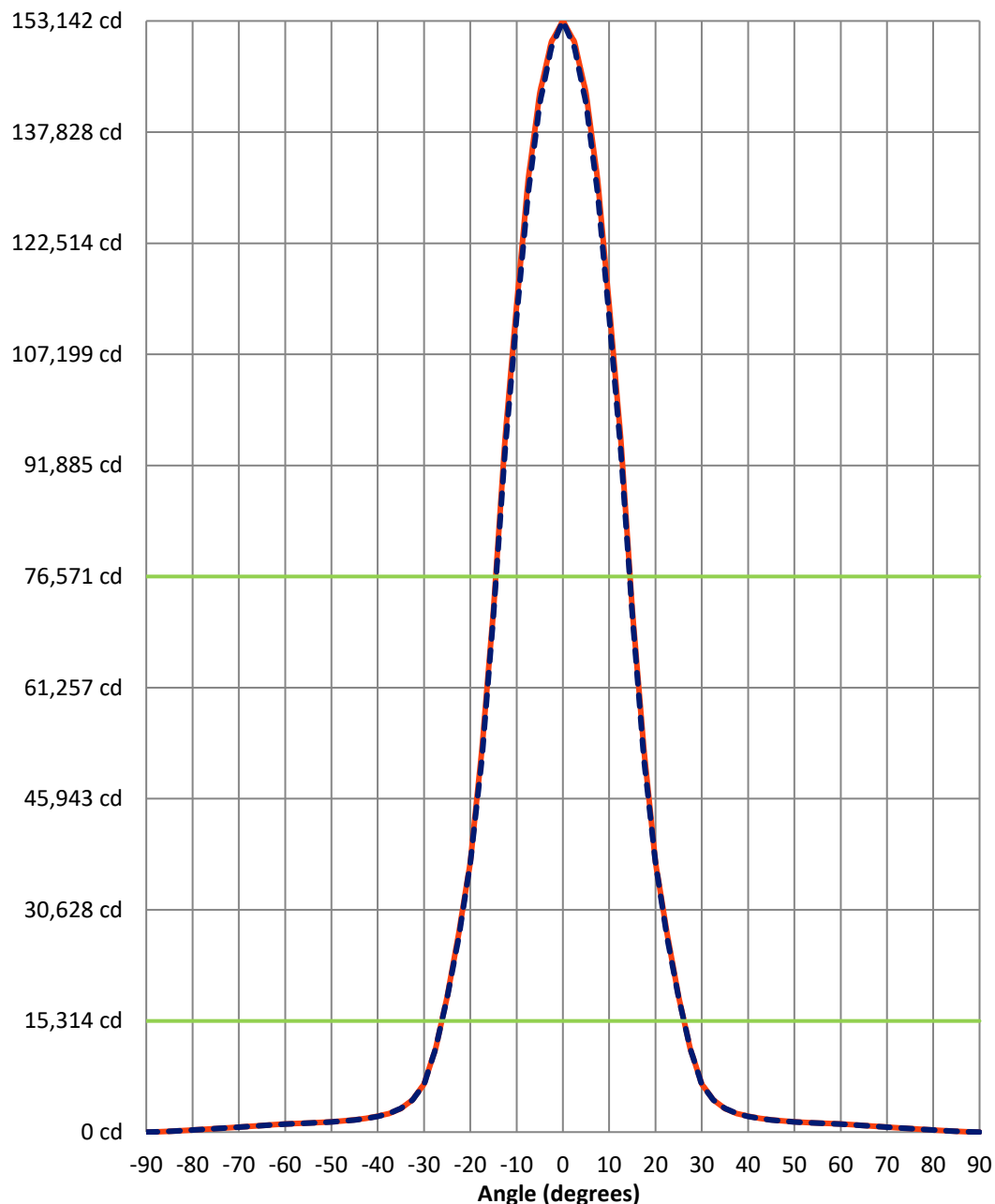
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 23262.5
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 39257.6
 Efficiency: 82.0%

Spill:
 Lumens: 8589.3
 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	1.7	3.4	5.1	6.8	8.5	10.2	11.8	13.4	15.0	16.6
85°	0.0	3.4	6.8	10.2	13.6	17.0	20.3	23.6	26.9	30.0	33.2
82.5°	0.0	5.1	10.2	15.3	20.4	25.4	30.4	35.4	41.0	50.3	60.1
80°	0.0	6.8	13.6	20.4	27.2	33.9	41.4	53.3	65.9	79.1	92.9
77.5°	0.0	8.5	17.0	25.4	33.9	44.4	58.9	74.2	90.5	107.5	126.3
75°	0.0	10.2	20.3	30.4	41.4	58.9	76.2	94.8	115.2	139.0	162.5
72.5°	0.0	11.8	23.6	35.4	52.9	73.2	93.3	116.5	144.2	171.5	198.4
70°	0.0	13.4	26.9	40.9	64.2	87.3	110.9	141.6	172.7	203.6	237.0
67.5°	0.0	15.0	30.0	49.3	75.4	101.3	132.3	166.2	200.9	238.6	275.8
65°	0.0	16.6	33.2	57.5	86.3	116.9	153.4	190.5	231.7	273.1	314.9
62.5°	0.0	18.1	36.3	65.6	97.1	134.1	174.1	216.1	261.8	307.3	355.2
60°	0.0	19.6	39.3	73.5	107.6	151.0	194.3	242.0	291.3	342.0	394.3
57.5°	0.0	21.1	44.4	81.2	120.6	167.5	215.6	267.2	320.6	375.6	433.0
55°	0.0	22.5	49.4	88.7	133.5	183.6	236.3	291.7	348.9	408.3	470.9
52.5°	0.0	23.9	54.2	95.9	145.9	199.3	256.3	315.5	376.2	441.5	507.8
50°	0.0	25.3	58.9	102.9	158.0	215.1	275.5	338.5	403.0	473.6	541.9
47.5°	0.0	26.5	63.4	110.2	169.6	230.3	293.9	360.7	430.4	504.5	574.1
45°	0.0	27.8	67.7	118.6	180.8	244.7	312.2	382.0	457.0	531.8	604.6
42.5°	0.0	29.0	71.9	126.6	191.5	258.5	329.6	403.3	482.1	557.5	632.7
40°	0.0	30.1	75.9	134.1	201.8	271.4	346.2	424.0	505.1	581.6	659.2
37.5°	0.0	31.2	79.6	141.2	211.6	283.6	362.0	443.3	525.6	604.8	684.3
35°	0.0	32.2	83.2	147.8	220.8	295.7	376.9	461.4	545.0	626.6	707.9
32.5°	0.0	33.1	86.5	153.8	229.4	307.2	390.9	478.1	563.0	647.1	730.7
30°	0.0	34.0	89.6	159.4	237.3	318.0	404.2	493.2	579.8	666.1	752.0
27.5°	0.0	34.9	92.5	164.5	244.5	327.9	416.4	506.6	595.2	683.6	771.6
25°	0.0	35.6	95.2	169.0	251.1	337.1	427.4	518.8	609.3	699.5	789.6
22.5°	0.0	36.3	97.6	173.1	257.2	345.3	437.2	529.8	621.9	713.9	807.5
20°	0.0	36.9	99.8	176.6	262.8	352.4	445.7	539.6	633.1	726.6	823.4
17.5°	0.0	37.5	101.7	179.6	267.8	358.5	453.6	548.0	642.9	737.7	837.4
15°	0.0	38.0	103.4	182.1	272.3	363.6	460.7	555.8	651.2	747.1	849.2
12.5°	0.0	38.4	104.8	184.1	276.1	367.6	466.9	563.2	658.9	754.8	858.9
10°	0.0	38.7	106.0	185.6	279.3	370.7	472.1	569.2	665.9	763.9	867.9
7.5°	0.0	39.0	106.9	186.6	281.8	372.8	476.2	573.9	671.3	772.1	877.8
5°	0.0	39.2	107.6	187.2	283.6	373.9	479.2	577.3	675.2	778.6	885.5
2.5°	0.0	39.3	108.0	187.2	284.7	374.2	481.1	579.3	677.5	783.4	891.1
0°	0.0	39.3	108.1	186.8	285.1	373.5	481.7	580.0	678.3	786.4	894.5
-2.5°	0.0	39.3	108.0	187.2	284.7	374.2	481.1	579.3	677.5	783.4	891.1
-5°	0.0	39.2	107.6	187.2	283.6	373.9	479.2	577.3	675.2	778.6	885.5
-7.5°	0.0	39.0	106.9	186.6	281.8	372.8	476.2	573.9	671.3	772.1	877.8
-10°	0.0	38.7	106.0	185.6	279.3	370.7	472.1	569.2	665.9	763.9	867.9
-12.5°	0.0	38.4	104.8	184.1	276.1	367.6	466.9	563.2	658.9	754.8	858.9
-15°	0.0	38.0	103.4	182.1	272.3	363.6	460.7	555.8	651.2	747.1	849.2
-17.5°	0.0	37.5	101.7	179.6	267.8	358.5	453.6	548.0	642.9	737.7	837.4
-20°	0.0	36.9	99.8	176.6	262.8	352.4	445.7	539.6	633.1	726.6	823.4

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6D-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	36.3	97.6	173.1	257.2	345.3	437.2	529.8	621.9	713.9	807.5
-25°	0.0	35.6	95.2	169.0	251.1	337.1	427.4	518.8	609.3	699.5	789.6
-27.5°	0.0	34.9	92.5	164.5	244.5	327.9	416.4	506.6	595.2	683.6	771.6
-30°	0.0	34.0	89.6	159.4	237.3	318.0	404.2	493.2	579.8	666.1	752.0
-32.5°	0.0	33.1	86.5	153.8	229.4	307.2	390.9	478.1	563.0	647.1	730.7
-35°	0.0	32.2	83.2	147.8	220.8	295.7	376.9	461.4	545.0	626.6	707.9
-37.5°	0.0	31.2	79.6	141.2	211.6	283.6	362.0	443.3	525.6	604.8	684.3
-40°	0.0	30.1	75.9	134.1	201.8	271.4	346.2	424.0	505.1	581.6	659.2
-42.5°	0.0	29.0	71.9	126.6	191.5	258.5	329.6	403.3	482.1	557.5	632.7
-45°	0.0	27.8	67.7	118.6	180.8	244.7	312.2	382.0	457.0	531.8	604.6
-47.5°	0.0	26.5	63.4	110.2	169.6	230.3	293.9	360.7	430.4	504.5	574.1
-50°	0.0	25.3	58.9	102.9	158.0	215.1	275.5	338.5	403.0	473.6	541.9
-52.5°	0.0	23.9	54.2	95.9	145.9	199.3	256.3	315.5	376.2	441.5	507.8
-55°	0.0	22.5	49.4	88.7	133.5	183.6	236.3	291.7	348.9	408.3	470.9
-57.5°	0.0	21.1	44.4	81.2	120.6	167.5	215.6	267.2	320.6	375.6	433.0
-60°	0.0	19.6	39.3	73.5	107.6	151.0	194.3	242.0	291.3	342.0	394.3
-62.5°	0.0	18.1	36.3	65.6	97.1	134.1	174.1	216.1	261.8	307.3	355.2
-65°	0.0	16.6	33.2	57.5	86.3	116.9	153.4	190.5	231.7	273.1	314.9
-67.5°	0.0	15.0	30.0	49.3	75.4	101.3	132.3	166.2	200.9	238.6	275.8
-70°	0.0	13.4	26.9	40.9	64.2	87.3	110.9	141.6	172.7	203.6	237.0
-72.5°	0.0	11.8	23.6	35.4	52.9	73.2	93.3	116.5	144.2	171.5	198.4
-75°	0.0	10.2	20.3	30.4	41.4	58.9	76.2	94.8	115.2	139.0	162.5
-77.5°	0.0	8.5	17.0	25.4	33.9	44.4	58.9	74.2	90.5	107.5	126.3
-80°	0.0	6.8	13.6	20.4	27.2	33.9	41.4	53.3	65.9	79.1	92.9
-82.5°	0.0	5.1	10.2	15.3	20.4	25.4	30.4	35.4	41.0	50.3	60.1
-85°	0.0	3.4	6.8	10.2	13.6	17.0	20.3	23.6	26.9	30.0	33.2
-87.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.2	11.8	13.4	15.0	16.6
-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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CATALOG NUMBER: GFLD-SA6D-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°	18.1	19.6	21.1	22.5	23.9	25.3	26.5	27.8	29.0	30.1	31.2
85°	36.3	39.3	45.1	50.8	56.3	61.7	66.9	71.8	76.6	81.1	85.4
82.5°	69.4	78.4	87.2	95.8	104.1	112.1	119.9	127.3	134.4	141.2	147.7
80°	105.4	117.4	129.5	140.6	151.6	162.3	172.6	182.5	192.1	202.3	213.1
77.5°	143.5	158.8	172.8	185.5	199.4	216.1	232.3	247.9	262.7	277.0	290.5
75°	182.7	200.2	219.3	238.3	258.1	278.3	297.8	316.6	334.8	353.6	372.3
72.5°	224.0	247.8	270.9	293.5	318.3	342.8	365.2	385.6	408.8	434.2	457.6
70°	267.7	295.3	324.4	353.3	381.5	408.7	436.5	464.5	492.7	520.1	546.3
67.5°	311.7	346.3	380.0	412.8	444.8	477.5	510.4	544.2	576.7	607.7	638.0
65°	358.7	397.3	435.0	471.7	507.4	547.2	586.2	623.8	665.0	703.2	736.4
62.5°	404.3	447.5	489.1	530.7	574.1	618.1	663.2	710.6	759.6	795.0	825.4
60°	448.1	496.9	543.3	591.0	639.3	689.0	741.0	791.4	836.2	874.8	906.9
57.5°	491.0	545.5	597.0	648.8	701.6	758.1	815.3	866.9	908.6	945.8	981.0
55°	532.5	592.9	647.7	702.7	762.8	829.0	887.6	934.2	976.9	1007.6	1041.3
52.5°	571.9	636.6	694.0	755.7	824.4	893.0	951.4	996.6	1032.4	1064.3	1097.1
50°	609.7	674.8	738.4	808.6	881.1	950.0	1009.0	1050.6	1086.7	1119.8	1151.4
47.5°	643.9	711.5	783.5	858.5	934.3	1002.4	1059.0	1101.3	1138.7	1172.7	1207.4
45°	676.2	748.9	825.3	907.4	985.2	1052.6	1104.1	1149.6	1185.5	1223.9	1267.4
42.5°	707.0	784.7	867.8	955.2	1034.6	1096.3	1146.1	1189.8	1231.2	1277.4	1325.8
40°	737.3	818.3	908.1	1000.0	1080.8	1134.3	1184.3	1230.5	1278.3	1330.6	1383.4
37.5°	765.6	852.6	945.7	1041.7	1114.9	1170.4	1222.0	1273.6	1327.2	1383.4	1449.2
35°	791.6	884.1	981.8	1074.6	1144.8	1205.4	1260.7	1316.7	1376.6	1445.4	1517.9
32.5°	816.9	912.8	1015.3	1102.3	1172.2	1236.9	1297.9	1361.2	1429.9	1505.6	1588.4
30°	841.7	940.9	1044.7	1130.7	1196.5	1262.7	1334.4	1404.8	1481.2	1565.2	1662.5
27.5°	865.9	966.9	1069.2	1152.9	1217.9	1285.2	1362.1	1447.7	1531.2	1623.2	1736.0
25°	888.0	993.7	1093.5	1170.5	1236.3	1306.9	1387.1	1478.2	1576.4	1685.9	1824.1
22.5°	908.9	1017.8	1116.5	1185.5	1251.7	1325.7	1412.0	1508.4	1615.1	1742.0	1910.8
20°	928.5	1036.7	1131.8	1199.4	1264.3	1340.8	1433.6	1535.1	1656.9	1810.7	2012.5
17.5°	945.6	1052.6	1142.3	1210.6	1277.6	1356.3	1452.0	1557.6	1694.6	1871.4	2110.2
15°	960.2	1065.7	1151.5	1219.4	1288.9	1372.3	1470.8	1585.9	1735.9	1930.7	2194.6
12.5°	972.2	1075.9	1159.1	1225.6	1297.7	1384.1	1486.8	1613.2	1777.2	1995.5	2308.3
10°	981.7	1083.3	1165.1	1229.5	1303.9	1392.0	1499.4	1634.5	1810.6	2049.6	2405.7
7.5°	990.9	1089.9	1169.4	1231.1	1307.5	1395.9	1508.2	1649.5	1835.0	2090.3	2483.4
5°	997.6	1096.1	1171.9	1234.8	1309.8	1397.6	1514.2	1658.2	1850.3	2117.1	2538.3
2.5°	1001.4	1099.8	1171.9	1237.6	1309.9	1398.4	1521.2	1663.1	1867.3	2139.8	2569.5
0°	1002.7	1101.0	1169.8	1238.6	1307.4	1395.9	1523.7	1661.3	1877.5	2152.8	2575.5
-2.5°	1001.4	1099.8	1171.9	1237.6	1309.9	1398.4	1521.2	1663.1	1867.3	2139.8	2569.5
-5°	997.6	1096.1	1171.9	1234.8	1309.8	1397.6	1514.2	1658.2	1850.3	2117.1	2538.3
-7.5°	990.9	1089.9	1169.4	1231.1	1307.5	1395.9	1508.2	1649.5	1835.0	2090.3	2483.4
-10°	981.7	1083.3	1165.1	1229.5	1303.9	1392.0	1499.4	1634.5	1810.6	2049.6	2405.7
-12.5°	972.2	1075.9	1159.1	1225.6	1297.7	1384.1	1486.8	1613.2	1777.2	1995.5	2308.3
-15°	960.2	1065.7	1151.5	1219.4	1288.9	1372.3	1470.8	1585.9	1735.9	1930.7	2194.6
-17.5°	945.6	1052.6	1142.3	1210.6	1277.6	1356.3	1452.0	1557.6	1694.6	1871.4	2110.2
-20°	928.5	1036.7	1131.8	1199.4	1264.3	1340.8	1433.6	1535.1	1656.9	1810.7	2012.5



REPORT NUMBER: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	908.9	1017.8	1116.5	1185.5	1251.7	1325.7	1412.0	1508.4	1615.1	1742.0	1910.8
-25°	888.0	993.7	1093.5	1170.5	1236.3	1306.9	1387.1	1478.2	1576.4	1685.9	1824.1
-27.5°	865.9	966.9	1069.2	1152.9	1217.9	1285.2	1362.1	1447.7	1531.2	1623.2	1736.0
-30°	841.7	940.9	1044.7	1130.7	1196.5	1262.7	1334.4	1404.8	1481.2	1565.2	1662.5
-32.5°	816.9	912.8	1015.3	1102.3	1172.2	1236.9	1297.9	1361.2	1429.9	1505.6	1588.4
-35°	791.6	884.1	981.8	1074.6	1144.8	1205.4	1260.7	1316.7	1376.6	1445.4	1517.9
-37.5°	765.6	852.6	945.7	1041.7	1114.9	1170.4	1222.0	1273.6	1327.2	1383.4	1449.2
-40°	737.3	818.3	908.1	1000.0	1080.8	1134.3	1184.3	1230.5	1278.3	1330.6	1383.4
-42.5°	707.0	784.7	867.8	955.2	1034.6	1096.3	1146.1	1189.8	1231.2	1277.4	1325.8
-45°	676.2	748.9	825.3	907.4	985.2	1052.6	1104.1	1149.6	1185.5	1223.9	1267.4
-47.5°	643.9	711.5	783.5	858.5	934.3	1002.4	1059.0	1101.3	1138.7	1172.7	1207.4
-50°	609.7	674.8	738.4	808.6	881.1	950.0	1009.0	1050.6	1086.7	1119.8	1151.4
-52.5°	571.9	636.6	694.0	755.7	824.4	893.0	951.4	996.6	1032.4	1064.3	1097.1
-55°	532.5	592.9	647.7	702.7	762.8	829.0	887.6	934.2	976.9	1007.6	1041.3
-57.5°	491.0	545.5	597.0	648.8	701.6	758.1	815.3	866.9	908.6	945.8	981.0
-60°	448.1	496.9	543.3	591.0	639.3	689.0	741.0	791.4	836.2	874.8	906.9
-62.5°	404.3	447.5	489.1	530.7	574.1	618.1	663.2	710.6	759.6	795.0	825.4
-65°	358.7	397.3	435.0	471.7	507.4	547.2	586.2	623.8	665.0	703.2	736.4
-67.5°	311.7	346.3	380.0	412.8	444.8	477.5	510.4	544.2	576.7	607.7	638.0
-70°	267.7	295.3	324.4	353.3	381.5	408.7	436.5	464.5	492.7	520.1	546.3
-72.5°	224.0	247.8	270.9	293.5	318.3	342.8	365.2	385.6	408.8	434.2	457.6
-75°	182.7	200.2	219.3	238.3	258.1	278.3	297.8	316.6	334.8	353.6	372.3
-77.5°	143.5	158.8	172.8	185.5	199.4	216.1	232.3	247.9	262.7	277.0	290.5
-80°	105.4	117.4	129.5	140.6	151.6	162.3	172.6	182.5	192.1	202.3	213.1
-82.5°	69.4	78.4	87.2	95.8	104.1	112.1	119.9	127.3	134.4	141.2	147.7
-85°	36.3	39.3	45.1	50.8	56.3	61.7	66.9	71.8	76.6	81.1	85.4
-87.5°	18.1	19.6	21.1	22.5	23.9	25.3	26.5	27.8	29.0	30.1	31.2
-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: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	32.2	33.1	34.0	34.9	35.6	36.3	36.9	37.5	38.0	38.4	38.7
85°	89.5	93.3	96.9	100.2	103.2	104.0	104.2	104.0	103.5	104.8	106.0
82.5°	153.8	160.7	167.7	174.5	181.3	183.8	185.6	186.8	187.6	190.3	192.5
80°	223.2	234.1	244.2	253.3	261.3	267.0	272.2	277.0	281.4	283.4	284.4
77.5°	304.0	317.3	329.6	341.1	351.7	360.1	366.8	372.3	376.5	379.2	380.9
75°	390.9	407.7	422.6	436.4	449.1	458.1	464.2	468.8	471.8	475.2	477.8
72.5°	478.8	497.8	515.5	532.2	546.8	557.1	564.2	570.0	574.4	577.7	579.4
70°	571.1	593.9	613.3	630.0	643.2	653.1	660.8	667.1	671.8	675.1	676.9
67.5°	666.7	691.0	709.3	723.9	735.8	746.2	755.8	762.9	767.6	772.3	777.3
65°	764.1	788.8	807.6	823.0	835.5	849.0	861.4	870.5	876.6	882.2	887.9
62.5°	855.6	883.7	905.4	925.6	946.1	965.4	976.7	985.4	991.6	997.0	1003.5
60°	938.9	970.7	997.2	1021.7	1046.8	1071.9	1082.3	1090.4	1098.1	1105.3	1111.7
57.5°	1012.8	1046.6	1078.8	1103.0	1127.0	1150.5	1166.7	1175.6	1181.6	1184.9	1187.6
55°	1077.1	1110.8	1143.0	1170.9	1196.9	1221.1	1239.1	1247.8	1254.3	1258.4	1260.9
52.5°	1134.7	1170.8	1205.2	1236.2	1264.2	1290.3	1312.8	1324.8	1334.5	1341.4	1343.6
50°	1191.3	1230.4	1267.6	1300.7	1333.3	1364.5	1393.2	1409.8	1421.5	1428.7	1431.0
47.5°	1250.4	1292.8	1333.0	1371.5	1408.6	1445.5	1479.5	1502.2	1519.0	1531.3	1540.2
45°	1311.9	1357.5	1402.0	1447.4	1490.1	1537.7	1580.7	1613.8	1638.1	1659.3	1676.2
42.5°	1373.7	1425.0	1476.2	1534.6	1592.9	1647.0	1698.2	1742.0	1782.0	1821.1	1851.6
40°	1441.1	1497.1	1567.1	1636.4	1708.2	1771.2	1846.0	1912.9	1974.3	2040.6	2095.5
37.5°	1514.6	1586.7	1669.6	1752.6	1846.0	1936.6	2041.0	2143.8	2233.1	2349.3	2442.5
35°	1594.8	1686.1	1783.9	1895.4	2015.8	2157.9	2304.0	2475.3	2620.7	2805.3	2975.8
32.5°	1684.0	1791.5	1918.4	2071.6	2234.1	2462.3	2676.3	2966.8	3215.1	3535.5	3885.4
30°	1774.8	1913.6	2086.3	2284.2	2559.1	2882.8	3260.3	3751.4	4282.6	4832.2	5572.0
27.5°	1882.4	2062.7	2278.3	2583.8	2995.0	3443.2	4212.3	5042.7	6199.7	7115.6	8746.8
25°	1998.3	2221.4	2539.9	2982.8	3550.9	4458.0	5756.2	7259.6	9574.6	11633.7	14000.2
22.5°	2135.6	2438.7	2860.3	3440.3	4430.7	5991.3	8017.7	11104.8	14536.6	17923.7	21019.5
20°	2281.0	2647.0	3236.6	4181.3	5712.0	7968.6	11584.1	15995.3	20551.2	25193.1	29104.9
17.5°	2450.7	2947.8	3724.5	4979.1	7163.0	11026.5	15855.6	21464.7	27416.9	33340.1	38485.1
15°	2596.6	3210.7	4256.6	6135.8	9392.4	14224.9	20160.2	27244.4	34729.4	42416.4	50747.8
12.5°	2782.7	3527.7	4804.9	7092.1	11370.5	17651.7	24913.9	33138.8	42279.0	52485.6	65474.0
10°	2953.4	3860.0	5526.1	8624.4	13748.3	20852.6	29020.0	38351.5	50207.2	65545.0	81212.2
7.5°	3090.2	4123.6	6085.4	9820.0	15742.4	23587.2	32717.4	43905.3	58696.2	76960.0	94860.9
5°	3185.4	4306.3	6485.6	10723.4	17346.4	25677.0	35341.2	47999.4	65851.4	86303.8	104581.7
2.5°	3245.1	4406.2	6681.5	11259.8	18392.6	26934.6	36978.2	50601.3	70236.9	92251.8	110757.6
0°	3273.4	4423.5	6556.6	11520.8	18539.4	26845.8	37128.0	51470.0	71277.6	93867.0	112298.3
-2.5°	3245.1	4406.2	6681.5	11259.8	18392.6	26934.6	36978.2	50601.3	70236.9	92251.8	110757.6
-5°	3185.4	4306.3	6485.6	10723.4	17346.4	25677.0	35341.2	47999.4	65851.4	86303.8	104581.7
-7.5°	3090.2	4123.6	6085.4	9820.0	15742.4	23587.2	32717.4	43905.3	58696.2	76960.0	94860.9
-10°	2953.4	3860.0	5526.1	8624.4	13748.3	20852.6	29020.0	38351.5	50207.2	65545.0	81212.2
-12.5°	2782.7	3527.7	4804.9	7092.1	11370.5	17651.7	24913.9	33138.8	42279.0	52485.6	65474.0
-15°	2596.6	3210.7	4256.6	6135.8	9392.4	14224.9	20160.2	27244.4	34729.4	42416.4	50747.8
-17.5°	2450.7	2947.8	3724.5	4979.1	7163.0	11026.5	15855.6	21464.7	27416.9	33340.1	38485.1
-20°	2281.0	2647.0	3236.6	4181.3	5712.0	7968.6	11584.1	15995.3	20551.2	25193.1	29104.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	2135.6	2438.7	2860.3	3440.3	4430.7	5991.3	8017.7	11104.8	14536.6	17923.7	21019.5
-25°	1998.3	2221.4	2539.9	2982.8	3550.9	4458.0	5756.2	7259.6	9574.6	11633.7	14000.2
-27.5°	1882.4	2062.7	2278.3	2583.8	2995.0	3443.2	4212.3	5042.7	6199.7	7115.6	8746.8
-30°	1774.8	1913.6	2086.3	2284.2	2559.1	2882.8	3260.3	3751.4	4282.6	4832.2	5572.0
-32.5°	1684.0	1791.5	1918.4	2071.6	2234.1	2462.3	2676.3	2966.8	3215.1	3535.5	3885.4
-35°	1594.8	1686.1	1783.9	1895.4	2015.8	2157.9	2304.0	2475.3	2620.7	2805.3	2975.8
-37.5°	1514.6	1586.7	1669.6	1752.6	1846.0	1936.6	2041.0	2143.8	2233.1	2349.3	2442.5
-40°	1441.1	1497.1	1567.1	1636.4	1708.2	1771.2	1846.0	1912.9	1974.3	2040.6	2095.5
-42.5°	1373.7	1425.0	1476.2	1534.6	1592.9	1647.0	1698.2	1742.0	1782.0	1821.1	1851.6
-45°	1311.9	1357.5	1402.0	1447.4	1490.1	1537.7	1580.7	1613.8	1638.1	1659.3	1676.2
-47.5°	1250.4	1292.8	1333.0	1371.5	1408.6	1445.5	1479.5	1502.2	1519.0	1531.3	1540.2
-50°	1191.3	1230.4	1267.6	1300.7	1333.3	1364.5	1393.2	1409.8	1421.5	1428.7	1431.0
-52.5°	1134.7	1170.8	1205.2	1236.2	1264.2	1290.3	1312.8	1324.8	1334.5	1341.4	1343.6
-55°	1077.1	1110.8	1143.0	1170.9	1196.9	1221.1	1239.1	1247.8	1254.3	1258.4	1260.9
-57.5°	1012.8	1046.6	1078.8	1103.0	1127.0	1150.5	1166.7	1175.6	1181.6	1184.9	1187.6
-60°	938.9	970.7	997.2	1021.7	1046.8	1071.9	1082.3	1090.4	1098.1	1105.3	1111.7
-62.5°	855.6	883.7	905.4	925.6	946.1	965.4	976.7	985.4	991.6	997.0	1003.5
-65°	764.1	788.8	807.6	823.0	835.5	849.0	861.4	870.5	876.6	882.2	887.9
-67.5°	666.7	691.0	709.3	723.9	735.8	746.2	755.8	762.9	767.6	772.3	777.3
-70°	571.1	593.9	613.3	630.0	643.2	653.1	660.8	667.1	671.8	675.1	676.9
-72.5°	478.8	497.8	515.5	532.2	546.8	557.1	564.2	570.0	574.4	577.7	579.4
-75°	390.9	407.7	422.6	436.4	449.1	458.1	464.2	468.8	471.8	475.2	477.8
-77.5°	304.0	317.3	329.6	341.1	351.7	360.1	366.8	372.3	376.5	379.2	380.9
-80°	223.2	234.1	244.2	253.3	261.3	267.0	272.2	277.0	281.4	283.4	284.4
-82.5°	153.8	160.7	167.7	174.5	181.3	183.8	185.6	186.8	187.6	190.3	192.5
-85°	89.5	93.3	96.9	100.2	103.2	104.0	104.2	104.0	103.5	104.8	106.0
-87.5°	32.2	33.1	34.0	34.9	35.6	36.3	36.9	37.5	38.0	38.4	38.7
-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: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	39.0	39.2	39.3	39.3	39.3	39.2	39.0	38.7	38.4	38.0	37.5
85°	106.9	107.6	108.0	108.1	108.0	107.6	106.9	106.0	104.8	103.5	104.0
82.5°	194.3	195.6	196.3	196.6	196.3	195.6	194.3	192.5	190.3	187.6	186.8
80°	284.5	283.8	284.8	285.1	284.8	283.8	284.5	284.4	283.4	281.4	277.0
77.5°	381.8	381.6	382.9	383.4	382.9	381.6	381.8	380.9	379.2	376.5	372.3
75°	479.2	479.6	481.1	481.7	481.1	479.6	479.2	477.8	475.2	471.8	468.8
72.5°	579.4	577.8	579.3	580.0	579.3	577.8	579.4	579.4	577.7	574.4	570.0
70°	677.1	675.8	682.1	688.1	682.1	675.8	677.1	676.9	675.1	671.8	667.1
67.5°	780.9	782.9	789.9	796.2	789.9	782.9	780.9	777.3	772.3	767.6	762.9
65°	890.8	891.1	897.8	904.4	897.8	891.1	890.8	887.9	882.2	876.6	870.5
62.5°	1007.3	1008.4	1015.4	1022.3	1015.4	1008.4	1007.3	1003.5	997.0	991.6	985.4
60°	1115.6	1116.7	1119.3	1120.6	1119.3	1116.7	1115.6	1111.7	1105.3	1098.1	1090.4
57.5°	1188.4	1187.4	1188.4	1189.4	1188.4	1187.4	1188.4	1187.6	1184.9	1181.6	1175.6
55°	1260.4	1257.2	1253.4	1248.4	1253.4	1257.2	1260.4	1260.9	1258.4	1254.3	1247.8
52.5°	1341.8	1336.6	1332.0	1327.1	1332.0	1336.6	1341.8	1343.6	1341.4	1334.5	1324.8
50°	1429.6	1424.9	1420.3	1415.5	1420.3	1424.9	1429.6	1431.0	1428.7	1421.5	1409.8
47.5°	1546.3	1548.3	1547.4	1543.3	1547.4	1548.3	1546.3	1540.2	1531.3	1519.0	1502.2
45°	1688.2	1693.8	1694.5	1690.8	1694.5	1693.8	1688.2	1676.2	1659.3	1638.1	1613.8
42.5°	1873.1	1885.5	1892.5	1897.2	1892.5	1885.5	1873.1	1851.6	1821.1	1782.0	1742.0
40°	2135.5	2160.9	2177.0	2192.1	2177.0	2160.9	2135.5	2095.5	2040.6	1974.3	1912.9
37.5°	2511.6	2557.7	2578.3	2565.6	2578.3	2557.7	2511.6	2442.5	2349.3	2233.1	2143.8
35°	3107.0	3194.6	3240.2	3243.9	3240.2	3194.6	3107.0	2975.8	2805.3	2620.7	2475.3
32.5°	4144.0	4323.3	4419.7	4433.3	4419.7	4323.3	4144.0	3885.4	3535.5	3215.1	2966.8
30°	6138.4	6504.2	6676.1	6635.3	6676.1	6504.2	6138.4	5572.0	4832.2	4282.6	3751.4
27.5°	10014.9	10927.2	11467.9	11511.0	11467.9	10927.2	10014.9	8746.8	7115.6	6199.7	5042.7
25°	16096.1	17653.7	18651.1	18667.2	18651.1	17653.7	16096.1	14000.2	11633.7	9574.6	7259.6
22.5°	23882.1	26008.3	27173.2	27376.6	27173.2	26008.3	23882.1	21019.5	17923.7	14536.6	11104.8
20°	32902.5	35730.9	37244.2	37246.0	37244.2	35730.9	32902.5	29104.9	25193.1	20551.2	15995.3
17.5°	44011.6	48604.2	51487.3	52728.3	51487.3	48604.2	44011.6	38485.1	33340.1	27416.9	21464.7
15°	58770.2	66487.9	71112.5	71946.0	71112.5	66487.9	58770.2	50747.8	42416.4	34729.4	27244.4
12.5°	76740.4	86507.4	93072.8	95479.1	93072.8	86507.4	76740.4	65474.0	52485.6	42279.0	33138.8
10°	95502.8	104552.5	111586.1	113949.7	111586.1	104552.5	95502.8	81212.2	65545.0	50207.2	38351.5
7.5°	109057.2	119848.5	127771.4	131250.6	127771.4	119848.5	109057.2	94860.9	76960.0	58696.2	43905.3
5°	119757.0	132525.8	139901.1	143174.4	139901.1	132525.8	119757.0	104581.7	86303.8	65851.4	47999.4
2.5°	126777.4	139394.2	147204.2	150222.5	147204.2	139394.2	126777.4	110757.6	92251.8	70236.9	50601.3
0°	129402.5	141739.2	149455.8	153142.1	149455.8	141739.2	129402.5	112298.3	93867.0	71277.6	51470.0
-2.5°	126777.4	139394.2	147204.2	150222.5	147204.2	139394.2	126777.4	110757.6	92251.8	70236.9	50601.3
-5°	119757.0	132525.8	139901.1	143174.4	139901.1	132525.8	119757.0	104581.7	86303.8	65851.4	47999.4
-7.5°	109057.2	119848.5	127771.4	131250.6	127771.4	119848.5	109057.2	94860.9	76960.0	58696.2	43905.3
-10°	95502.8	104552.5	111586.1	113949.7	111586.1	104552.5	95502.8	81212.2	65545.0	50207.2	38351.5
-12.5°	76740.4	86507.4	93072.8	95479.1	93072.8	86507.4	76740.4	65474.0	52485.6	42279.0	33138.8
-15°	58770.2	66487.9	71112.5	71946.0	71112.5	66487.9	58770.2	50747.8	42416.4	34729.4	27244.4
-17.5°	44011.6	48604.2	51487.3	52728.3	51487.3	48604.2	44011.6	38485.1	33340.1	27416.9	21464.7
-20°	32902.5	35730.9	37244.2	37246.0	37244.2	35730.9	32902.5	29104.9	25193.1	20551.2	15995.3



REPORT NUMBER: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	23882.1	26008.3	27173.2	27376.6	27173.2	26008.3	23882.1	21019.5	17923.7	14536.6	11104.8
-25°	16096.1	17653.7	18651.1	18667.2	18651.1	17653.7	16096.1	14000.2	11633.7	9574.6	7259.6
-27.5°	10014.9	10927.2	11467.9	11511.0	11467.9	10927.2	10014.9	8746.8	7115.6	6199.7	5042.7
-30°	6138.4	6504.2	6676.1	6635.3	6676.1	6504.2	6138.4	5572.0	4832.2	4282.6	3751.4
-32.5°	4144.0	4323.3	4419.7	4433.3	4419.7	4323.3	4144.0	3885.4	3535.5	3215.1	2966.8
-35°	3107.0	3194.6	3240.2	3243.9	3240.2	3194.6	3107.0	2975.8	2805.3	2620.7	2475.3
-37.5°	2511.6	2557.7	2578.3	2565.6	2578.3	2557.7	2511.6	2442.5	2349.3	2233.1	2143.8
-40°	2135.5	2160.9	2177.0	2192.1	2177.0	2160.9	2135.5	2095.5	2040.6	1974.3	1912.9
-42.5°	1873.1	1885.5	1892.5	1897.2	1892.5	1885.5	1873.1	1851.6	1821.1	1782.0	1742.0
-45°	1688.2	1693.8	1694.5	1690.8	1694.5	1693.8	1688.2	1676.2	1659.3	1638.1	1613.8
-47.5°	1546.3	1548.3	1547.4	1543.3	1547.4	1548.3	1546.3	1540.2	1531.3	1519.0	1502.2
-50°	1429.6	1424.9	1420.3	1415.5	1420.3	1424.9	1429.6	1431.0	1428.7	1421.5	1409.8
-52.5°	1341.8	1336.6	1332.0	1327.1	1332.0	1336.6	1341.8	1343.6	1341.4	1334.5	1324.8
-55°	1260.4	1257.2	1253.4	1248.4	1253.4	1257.2	1260.4	1260.9	1258.4	1254.3	1247.8
-57.5°	1188.4	1187.4	1188.4	1189.4	1188.4	1187.4	1188.4	1187.6	1184.9	1181.6	1175.6
-60°	1115.6	1116.7	1119.3	1120.6	1119.3	1116.7	1115.6	1111.7	1105.3	1098.1	1090.4
-62.5°	1007.3	1008.4	1015.4	1022.3	1015.4	1008.4	1007.3	1003.5	997.0	991.6	985.4
-65°	890.8	891.1	897.8	904.4	897.8	891.1	890.8	887.9	882.2	876.6	870.5
-67.5°	780.9	782.9	789.9	796.2	789.9	782.9	780.9	777.3	772.3	767.6	762.9
-70°	677.1	675.8	682.1	688.1	682.1	675.8	677.1	676.9	675.1	671.8	667.1
-72.5°	579.4	577.8	579.3	580.0	579.3	577.8	579.4	579.4	577.7	574.4	570.0
-75°	479.2	479.6	481.1	481.7	481.1	479.6	479.2	477.8	475.2	471.8	468.8
-77.5°	381.8	381.6	382.9	383.4	382.9	381.6	381.8	380.9	379.2	376.5	372.3
-80°	284.5	283.8	284.8	285.1	284.8	283.8	284.5	284.4	283.4	281.4	277.0
-82.5°	194.3	195.6	196.3	196.6	196.3	195.6	194.3	192.5	190.3	187.6	186.8
-85°	106.9	107.6	108.0	108.1	108.0	107.6	106.9	106.0	104.8	103.5	104.0
-87.5°	39.0	39.2	39.3	39.3	39.3	39.2	39.0	38.7	38.4	38.0	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



REPORT NUMBER: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	36.9	36.3	35.6	34.9	34.0	33.1	32.2	31.2	30.1	29.0	27.8
85°	104.2	104.0	103.2	100.2	96.9	93.3	89.5	85.4	81.1	76.6	71.8
82.5°	185.6	183.8	181.3	174.5	167.7	160.7	153.8	147.7	141.2	134.4	127.3
80°	272.2	267.0	261.3	253.3	244.2	234.1	223.2	213.1	202.3	192.1	182.5
77.5°	366.8	360.1	351.7	341.1	329.6	317.3	304.0	290.5	277.0	262.7	247.9
75°	464.2	458.1	449.1	436.4	422.6	407.7	390.9	372.3	353.6	334.8	316.6
72.5°	564.2	557.1	546.8	532.2	515.5	497.8	478.8	457.6	434.2	408.8	385.6
70°	660.8	653.1	643.2	630.0	613.3	593.9	571.1	546.3	520.1	492.7	464.5
67.5°	755.8	746.2	735.8	723.9	709.3	691.0	666.7	638.0	607.7	576.7	544.2
65°	861.4	849.0	835.5	823.0	807.6	788.8	764.1	736.4	703.2	665.0	623.8
62.5°	976.7	965.4	946.1	925.6	905.4	883.7	855.6	825.4	795.0	759.6	710.6
60°	1082.3	1071.9	1046.8	1021.7	997.2	970.7	938.9	906.9	874.8	836.2	791.4
57.5°	1166.7	1150.5	1127.0	1103.0	1078.8	1046.6	1012.8	981.0	945.8	908.6	866.9
55°	1239.1	1221.1	1196.9	1170.9	1143.0	1110.8	1077.1	1041.3	1007.6	976.9	934.2
52.5°	1312.8	1290.3	1264.2	1236.2	1205.2	1170.8	1134.7	1097.1	1064.3	1032.4	996.6
50°	1393.2	1364.5	1333.3	1300.7	1267.6	1230.4	1191.3	1151.4	1119.8	1086.7	1050.6
47.5°	1479.5	1445.5	1408.6	1371.5	1333.0	1292.8	1250.4	1207.4	1172.7	1138.7	1101.3
45°	1580.7	1537.7	1490.1	1447.4	1402.0	1357.5	1311.9	1267.4	1223.9	1185.5	1149.6
42.5°	1698.2	1647.0	1592.9	1534.6	1476.2	1425.0	1373.7	1325.8	1277.4	1231.2	1189.8
40°	1846.0	1771.2	1708.2	1636.4	1567.1	1497.1	1441.1	1383.4	1330.6	1278.3	1230.5
37.5°	2041.0	1936.6	1846.0	1752.6	1669.6	1586.7	1514.6	1449.2	1383.4	1327.2	1273.6
35°	2304.0	2157.9	2015.8	1895.4	1783.9	1686.1	1594.8	1517.9	1445.4	1376.6	1316.7
32.5°	2676.3	2462.3	2234.1	2071.6	1918.4	1791.5	1684.0	1588.4	1505.6	1429.9	1361.2
30°	3260.3	2882.8	2559.1	2284.2	2086.3	1913.6	1774.8	1662.5	1565.2	1481.2	1404.8
27.5°	4212.3	3443.2	2995.0	2583.8	2278.3	2062.7	1882.4	1736.0	1623.2	1531.2	1447.7
25°	5756.2	4458.0	3550.9	2982.8	2539.9	2221.4	1998.3	1824.1	1685.9	1576.4	1478.2
22.5°	8017.7	5991.3	4430.7	3440.3	2860.3	2438.7	2135.6	1910.8	1742.0	1615.1	1508.4
20°	11584.1	7968.6	5712.0	4181.3	3236.6	2647.0	2281.0	2012.5	1810.7	1656.9	1535.1
17.5°	15855.6	11026.5	7163.0	4979.1	3724.5	2947.8	2450.7	2110.2	1871.4	1694.6	1557.6
15°	20160.2	14224.9	9392.4	6135.8	4256.6	3210.7	2596.6	2194.6	1930.7	1735.9	1585.9
12.5°	24913.9	17651.7	11370.5	7092.1	4804.9	3527.7	2782.7	2308.3	1995.5	1777.2	1613.2
10°	29020.0	20852.6	13748.3	8624.4	5526.1	3860.0	2953.4	2405.7	2049.6	1810.6	1634.5
7.5°	32717.4	23587.2	15742.4	9820.0	6085.4	4123.6	3090.2	2483.4	2090.3	1835.0	1649.5
5°	35341.2	25677.0	17346.4	10723.4	6485.6	4306.3	3185.4	2538.3	2117.1	1850.3	1658.2
2.5°	36978.2	26934.6	18392.6	11259.8	6681.5	4406.2	3245.1	2569.5	2139.8	1867.3	1663.1
0°	37128.0	26845.8	18539.4	11520.8	6556.6	4423.5	3273.4	2575.5	2152.8	1877.5	1661.3
-2.5°	36978.2	26934.6	18392.6	11259.8	6681.5	4406.2	3245.1	2569.5	2139.8	1867.3	1663.1
-5°	35341.2	25677.0	17346.4	10723.4	6485.6	4306.3	3185.4	2538.3	2117.1	1850.3	1658.2
-7.5°	32717.4	23587.2	15742.4	9820.0	6085.4	4123.6	3090.2	2483.4	2090.3	1835.0	1649.5
-10°	29020.0	20852.6	13748.3	8624.4	5526.1	3860.0	2953.4	2405.7	2049.6	1810.6	1634.5
-12.5°	24913.9	17651.7	11370.5	7092.1	4804.9	3527.7	2782.7	2308.3	1995.5	1777.2	1613.2
-15°	20160.2	14224.9	9392.4	6135.8	4256.6	3210.7	2596.6	2194.6	1930.7	1735.9	1585.9
-17.5°	15855.6	11026.5	7163.0	4979.1	3724.5	2947.8	2450.7	2110.2	1871.4	1694.6	1557.6
-20°	11584.1	7968.6	5712.0	4181.3	3236.6	2647.0	2281.0	2012.5	1810.7	1656.9	1535.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	8017.7	5991.3	4430.7	3440.3	2860.3	2438.7	2135.6	1910.8	1742.0	1615.1	1508.4
-25°	5756.2	4458.0	3550.9	2982.8	2539.9	2221.4	1998.3	1824.1	1685.9	1576.4	1478.2
-27.5°	4212.3	3443.2	2995.0	2583.8	2278.3	2062.7	1882.4	1736.0	1623.2	1531.2	1447.7
-30°	3260.3	2882.8	2559.1	2284.2	2086.3	1913.6	1774.8	1662.5	1565.2	1481.2	1404.8
-32.5°	2676.3	2462.3	2234.1	2071.6	1918.4	1791.5	1684.0	1588.4	1505.6	1429.9	1361.2
-35°	2304.0	2157.9	2015.8	1895.4	1783.9	1686.1	1594.8	1517.9	1445.4	1376.6	1316.7
-37.5°	2041.0	1936.6	1846.0	1752.6	1669.6	1586.7	1514.6	1449.2	1383.4	1327.2	1273.6
-40°	1846.0	1771.2	1708.2	1636.4	1567.1	1497.1	1441.1	1383.4	1330.6	1278.3	1230.5
-42.5°	1698.2	1647.0	1592.9	1534.6	1476.2	1425.0	1373.7	1325.8	1277.4	1231.2	1189.8
-45°	1580.7	1537.7	1490.1	1447.4	1402.0	1357.5	1311.9	1267.4	1223.9	1185.5	1149.6
-47.5°	1479.5	1445.5	1408.6	1371.5	1333.0	1292.8	1250.4	1207.4	1172.7	1138.7	1101.3
-50°	1393.2	1364.5	1333.3	1300.7	1267.6	1230.4	1191.3	1151.4	1119.8	1086.7	1050.6
-52.5°	1312.8	1290.3	1264.2	1236.2	1205.2	1170.8	1134.7	1097.1	1064.3	1032.4	996.6
-55°	1239.1	1221.1	1196.9	1170.9	1143.0	1110.8	1077.1	1041.3	1007.6	976.9	934.2
-57.5°	1166.7	1150.5	1127.0	1103.0	1078.8	1046.6	1012.8	981.0	945.8	908.6	866.9
-60°	1082.3	1071.9	1046.8	1021.7	997.2	970.7	938.9	906.9	874.8	836.2	791.4
-62.5°	976.7	965.4	946.1	925.6	905.4	883.7	855.6	825.4	795.0	759.6	710.6
-65°	861.4	849.0	835.5	823.0	807.6	788.8	764.1	736.4	703.2	665.0	623.8
-67.5°	755.8	746.2	735.8	723.9	709.3	691.0	666.7	638.0	607.7	576.7	544.2
-70°	660.8	653.1	643.2	630.0	613.3	593.9	571.1	546.3	520.1	492.7	464.5
-72.5°	564.2	557.1	546.8	532.2	515.5	497.8	478.8	457.6	434.2	408.8	385.6
-75°	464.2	458.1	449.1	436.4	422.6	407.7	390.9	372.3	353.6	334.8	316.6
-77.5°	366.8	360.1	351.7	341.1	329.6	317.3	304.0	290.5	277.0	262.7	247.9
-80°	272.2	267.0	261.3	253.3	244.2	234.1	223.2	213.1	202.3	192.1	182.5
-82.5°	185.6	183.8	181.3	174.5	167.7	160.7	153.8	147.7	141.2	134.4	127.3
-85°	104.2	104.0	103.2	100.2	96.9	93.3	89.5	85.4	81.1	76.6	71.8
-87.5°	36.9	36.3	35.6	34.9	34.0	33.1	32.2	31.2	30.1	29.0	27.8
-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: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	26.5	25.3	23.9	22.5	21.1	19.6	18.1	16.6	15.0	13.4	11.8
85°	66.9	61.7	56.3	50.8	45.1	39.3	36.3	33.2	30.0	26.9	23.6
82.5°	119.9	112.1	104.1	95.8	87.2	78.4	69.4	60.1	50.3	41.0	35.4
80°	172.6	162.3	151.6	140.6	129.5	117.4	105.4	92.9	79.1	65.9	53.3
77.5°	232.3	216.1	199.4	185.5	172.8	158.8	143.5	126.3	107.5	90.5	74.2
75°	297.8	278.3	258.1	238.3	219.3	200.2	182.7	162.5	139.0	115.2	94.8
72.5°	365.2	342.8	318.3	293.5	270.9	247.8	224.0	198.4	171.5	144.2	116.5
70°	436.5	408.7	381.5	353.3	324.4	295.3	267.7	237.0	203.6	172.7	141.6
67.5°	510.4	477.5	444.8	412.8	380.0	346.3	311.7	275.8	238.6	200.9	166.2
65°	586.2	547.2	507.4	471.7	435.0	397.3	358.7	314.9	273.1	231.7	190.5
62.5°	663.2	618.1	574.1	530.7	489.1	447.5	404.3	355.2	307.3	261.8	216.1
60°	741.0	689.0	639.3	591.0	543.3	496.9	448.1	394.3	342.0	291.3	242.0
57.5°	815.3	758.1	701.6	648.8	597.0	545.5	491.0	433.0	375.6	320.6	267.2
55°	887.6	829.0	762.8	702.7	647.7	592.9	532.5	470.9	408.3	348.9	291.7
52.5°	951.4	893.0	824.4	755.7	694.0	636.6	571.9	507.8	441.5	376.2	315.5
50°	1009.0	950.0	881.1	808.6	738.4	674.8	609.7	541.9	473.6	403.0	338.5
47.5°	1059.0	1002.4	934.3	858.5	783.5	711.5	643.9	574.1	504.5	430.4	360.7
45°	1104.1	1052.6	985.2	907.4	825.3	748.9	676.2	604.6	531.8	457.0	382.0
42.5°	1146.1	1096.3	1034.6	955.2	867.8	784.7	707.0	632.7	557.5	482.1	403.3
40°	1184.3	1134.3	1080.8	1000.0	908.1	818.3	737.3	659.2	581.6	505.1	424.0
37.5°	1222.0	1170.4	1114.9	1041.7	945.7	852.6	765.6	684.3	604.8	525.6	443.3
35°	1260.7	1205.4	1144.8	1074.6	981.8	884.1	791.6	707.9	626.6	545.0	461.4
32.5°	1297.9	1236.9	1172.2	1102.3	1015.3	912.8	816.9	730.7	647.1	563.0	478.1
30°	1334.4	1262.7	1196.5	1130.7	1044.7	940.9	841.7	752.0	666.1	579.8	493.2
27.5°	1362.1	1285.2	1217.9	1152.9	1069.2	966.9	865.9	771.6	683.6	595.2	506.6
25°	1387.1	1306.9	1236.3	1170.5	1093.5	993.7	888.0	789.6	699.5	609.3	518.8
22.5°	1412.0	1325.7	1251.7	1185.5	1116.5	1017.8	908.9	807.5	713.9	621.9	529.8
20°	1433.6	1340.8	1264.3	1199.4	1131.8	1036.7	928.5	823.4	726.6	633.1	539.6
17.5°	1452.0	1356.3	1277.6	1210.6	1142.3	1052.6	945.6	837.4	737.7	642.9	548.0
15°	1470.8	1372.3	1288.9	1219.4	1151.5	1065.7	960.2	849.2	747.1	651.2	555.8
12.5°	1486.8	1384.1	1297.7	1225.6	1159.1	1075.9	972.2	858.9	754.8	658.9	563.2
10°	1499.4	1392.0	1303.9	1229.5	1165.1	1083.3	981.7	867.9	763.9	665.9	569.2
7.5°	1508.2	1395.9	1307.5	1231.1	1169.4	1089.9	990.9	877.8	772.1	671.3	573.9
5°	1514.2	1397.6	1309.8	1234.8	1171.9	1096.1	997.6	885.5	778.6	675.2	577.3
2.5°	1521.2	1398.4	1309.9	1237.6	1171.9	1099.8	1001.4	891.1	783.4	677.5	579.3
0°	1523.7	1395.9	1307.4	1238.6	1169.8	1101.0	1002.7	894.5	786.4	678.3	580.0
-2.5°	1521.2	1398.4	1309.9	1237.6	1171.9	1099.8	1001.4	891.1	783.4	677.5	579.3
-5°	1514.2	1397.6	1309.8	1234.8	1171.9	1096.1	997.6	885.5	778.6	675.2	577.3
-7.5°	1508.2	1395.9	1307.5	1231.1	1169.4	1089.9	990.9	877.8	772.1	671.3	573.9
-10°	1499.4	1392.0	1303.9	1229.5	1165.1	1083.3	981.7	867.9	763.9	665.9	569.2
-12.5°	1486.8	1384.1	1297.7	1225.6	1159.1	1075.9	972.2	858.9	754.8	658.9	563.2
-15°	1470.8	1372.3	1288.9	1219.4	1151.5	1065.7	960.2	849.2	747.1	651.2	555.8
-17.5°	1452.0	1356.3	1277.6	1210.6	1142.3	1052.6	945.6	837.4	737.7	642.9	548.0
-20°	1433.6	1340.8	1264.3	1199.4	1131.8	1036.7	928.5	823.4	726.6	633.1	539.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	1412.0	1325.7	1251.7	1185.5	1116.5	1017.8	908.9	807.5	713.9	621.9	529.8
-25°	1387.1	1306.9	1236.3	1170.5	1093.5	993.7	888.0	789.6	699.5	609.3	518.8
-27.5°	1362.1	1285.2	1217.9	1152.9	1069.2	966.9	865.9	771.6	683.6	595.2	506.6
-30°	1334.4	1262.7	1196.5	1130.7	1044.7	940.9	841.7	752.0	666.1	579.8	493.2
-32.5°	1297.9	1236.9	1172.2	1102.3	1015.3	912.8	816.9	730.7	647.1	563.0	478.1
-35°	1260.7	1205.4	1144.8	1074.6	981.8	884.1	791.6	707.9	626.6	545.0	461.4
-37.5°	1222.0	1170.4	1114.9	1041.7	945.7	852.6	765.6	684.3	604.8	525.6	443.3
-40°	1184.3	1134.3	1080.8	1000.0	908.1	818.3	737.3	659.2	581.6	505.1	424.0
-42.5°	1146.1	1096.3	1034.6	955.2	867.8	784.7	707.0	632.7	557.5	482.1	403.3
-45°	1104.1	1052.6	985.2	907.4	825.3	748.9	676.2	604.6	531.8	457.0	382.0
-47.5°	1059.0	1002.4	934.3	858.5	783.5	711.5	643.9	574.1	504.5	430.4	360.7
-50°	1009.0	950.0	881.1	808.6	738.4	674.8	609.7	541.9	473.6	403.0	338.5
-52.5°	951.4	893.0	824.4	755.7	694.0	636.6	571.9	507.8	441.5	376.2	315.5
-55°	887.6	829.0	762.8	702.7	647.7	592.9	532.5	470.9	408.3	348.9	291.7
-57.5°	815.3	758.1	701.6	648.8	597.0	545.5	491.0	433.0	375.6	320.6	267.2
-60°	741.0	689.0	639.3	591.0	543.3	496.9	448.1	394.3	342.0	291.3	242.0
-62.5°	663.2	618.1	574.1	530.7	489.1	447.5	404.3	355.2	307.3	261.8	216.1
-65°	586.2	547.2	507.4	471.7	435.0	397.3	358.7	314.9	273.1	231.7	190.5
-67.5°	510.4	477.5	444.8	412.8	380.0	346.3	311.7	275.8	238.6	200.9	166.2
-70°	436.5	408.7	381.5	353.3	324.4	295.3	267.7	237.0	203.6	172.7	141.6
-72.5°	365.2	342.8	318.3	293.5	270.9	247.8	224.0	198.4	171.5	144.2	116.5
-75°	297.8	278.3	258.1	238.3	219.3	200.2	182.7	162.5	139.0	115.2	94.8
-77.5°	232.3	216.1	199.4	185.5	172.8	158.8	143.5	126.3	107.5	90.5	74.2
-80°	172.6	162.3	151.6	140.6	129.5	117.4	105.4	92.9	79.1	65.9	53.3
-82.5°	119.9	112.1	104.1	95.8	87.2	78.4	69.4	60.1	50.3	41.0	35.4
-85°	66.9	61.7	56.3	50.8	45.1	39.3	36.3	33.2	30.0	26.9	23.6
-87.5°	26.5	25.3	23.9	22.5	21.1	19.6	18.1	16.6	15.0	13.4	11.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	10.2	8.5	6.8	5.1	3.4	1.7	0.0
85°	20.3	17.0	13.6	10.2	6.8	3.4	0.0
82.5°	30.4	25.4	20.4	15.3	10.2	5.1	0.0
80°	41.4	33.9	27.2	20.4	13.6	6.8	0.0
77.5°	58.9	44.4	33.9	25.4	17.0	8.5	0.0
75°	76.2	58.9	41.4	30.4	20.3	10.2	0.0
72.5°	93.3	73.2	52.9	35.4	23.6	11.8	0.0
70°	110.9	87.3	64.2	40.9	26.9	13.4	0.0
67.5°	132.3	101.3	75.4	49.3	30.0	15.0	0.0
65°	153.4	116.9	86.3	57.5	33.2	16.6	0.0
62.5°	174.1	134.1	97.1	65.6	36.3	18.1	0.0
60°	194.3	151.0	107.6	73.5	39.3	19.6	0.0
57.5°	215.6	167.5	120.6	81.2	44.4	21.1	0.0
55°	236.3	183.6	133.5	88.7	49.4	22.5	0.0
52.5°	256.3	199.3	145.9	95.9	54.2	23.9	0.0
50°	275.5	215.1	158.0	102.9	58.9	25.3	0.0
47.5°	293.9	230.3	169.6	110.2	63.4	26.5	0.0
45°	312.2	244.7	180.8	118.6	67.7	27.8	0.0
42.5°	329.6	258.5	191.5	126.6	71.9	29.0	0.0
40°	346.2	271.4	201.8	134.1	75.9	30.1	0.0
37.5°	362.0	283.6	211.6	141.2	79.6	31.2	0.0
35°	376.9	295.7	220.8	147.8	83.2	32.2	0.0
32.5°	390.9	307.2	229.4	153.8	86.5	33.1	0.0
30°	404.2	318.0	237.3	159.4	89.6	34.0	0.0
27.5°	416.4	327.9	244.5	164.5	92.5	34.9	0.0
25°	427.4	337.1	251.1	169.0	95.2	35.6	0.0
22.5°	437.2	345.3	257.2	173.1	97.6	36.3	0.0
20°	445.7	352.4	262.8	176.6	99.8	36.9	0.0
17.5°	453.6	358.5	267.8	179.6	101.7	37.5	0.0
15°	460.7	363.6	272.3	182.1	103.4	38.0	0.0
12.5°	466.9	367.6	276.1	184.1	104.8	38.4	0.0
10°	472.1	370.7	279.3	185.6	106.0	38.7	0.0
7.5°	476.2	372.8	281.8	186.6	106.9	39.0	0.0
5°	479.2	373.9	283.6	187.2	107.6	39.2	0.0
2.5°	481.1	374.2	284.7	187.2	108.0	39.3	0.0
0°	481.7	373.5	285.1	186.8	108.1	39.3	0.0
-2.5°	481.1	374.2	284.7	187.2	108.0	39.3	0.0
-5°	479.2	373.9	283.6	187.2	107.6	39.2	0.0
-7.5°	476.2	372.8	281.8	186.6	106.9	39.0	0.0
-10°	472.1	370.7	279.3	185.6	106.0	38.7	0.0
-12.5°	466.9	367.6	276.1	184.1	104.8	38.4	0.0
-15°	460.7	363.6	272.3	182.1	103.4	38.0	0.0
-17.5°	453.6	358.5	267.8	179.6	101.7	37.5	0.0
-20°	445.7	352.4	262.8	176.6	99.8	36.9	0.0

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REPORT NUMBER: P627955 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	437.2	345.3	257.2	173.1	97.6	36.3	0.0
-25°	427.4	337.1	251.1	169.0	95.2	35.6	0.0
-27.5°	416.4	327.9	244.5	164.5	92.5	34.9	0.0
-30°	404.2	318.0	237.3	159.4	89.6	34.0	0.0
-32.5°	390.9	307.2	229.4	153.8	86.5	33.1	0.0
-35°	376.9	295.7	220.8	147.8	83.2	32.2	0.0
-37.5°	362.0	283.6	211.6	141.2	79.6	31.2	0.0
-40°	346.2	271.4	201.8	134.1	75.9	30.1	0.0
-42.5°	329.6	258.5	191.5	126.6	71.9	29.0	0.0
-45°	312.2	244.7	180.8	118.6	67.7	27.8	0.0
-47.5°	293.9	230.3	169.6	110.2	63.4	26.5	0.0
-50°	275.5	215.1	158.0	102.9	58.9	25.3	0.0
-52.5°	256.3	199.3	145.9	95.9	54.2	23.9	0.0
-55°	236.3	183.6	133.5	88.7	49.4	22.5	0.0
-57.5°	215.6	167.5	120.6	81.2	44.4	21.1	0.0
-60°	194.3	151.0	107.6	73.5	39.3	19.6	0.0
-62.5°	174.1	134.1	97.1	65.6	36.3	18.1	0.0
-65°	153.4	116.9	86.3	57.5	33.2	16.6	0.0
-67.5°	132.3	101.3	75.4	49.3	30.0	15.0	0.0
-70°	110.9	87.3	64.2	40.9	26.9	13.4	0.0
-72.5°	93.3	73.2	52.9	35.4	23.6	11.8	0.0
-75°	76.2	58.9	41.4	30.4	20.3	10.2	0.0
-77.5°	58.9	44.4	33.9	25.4	17.0	8.5	0.0
-80°	41.4	33.9	27.2	20.4	13.6	6.8	0.0
-82.5°	30.4	25.4	20.4	15.3	10.2	5.1	0.0
-85°	20.3	17.0	13.6	10.2	6.8	3.4	0.0
-87.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)