

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: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-750-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-750-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N154
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

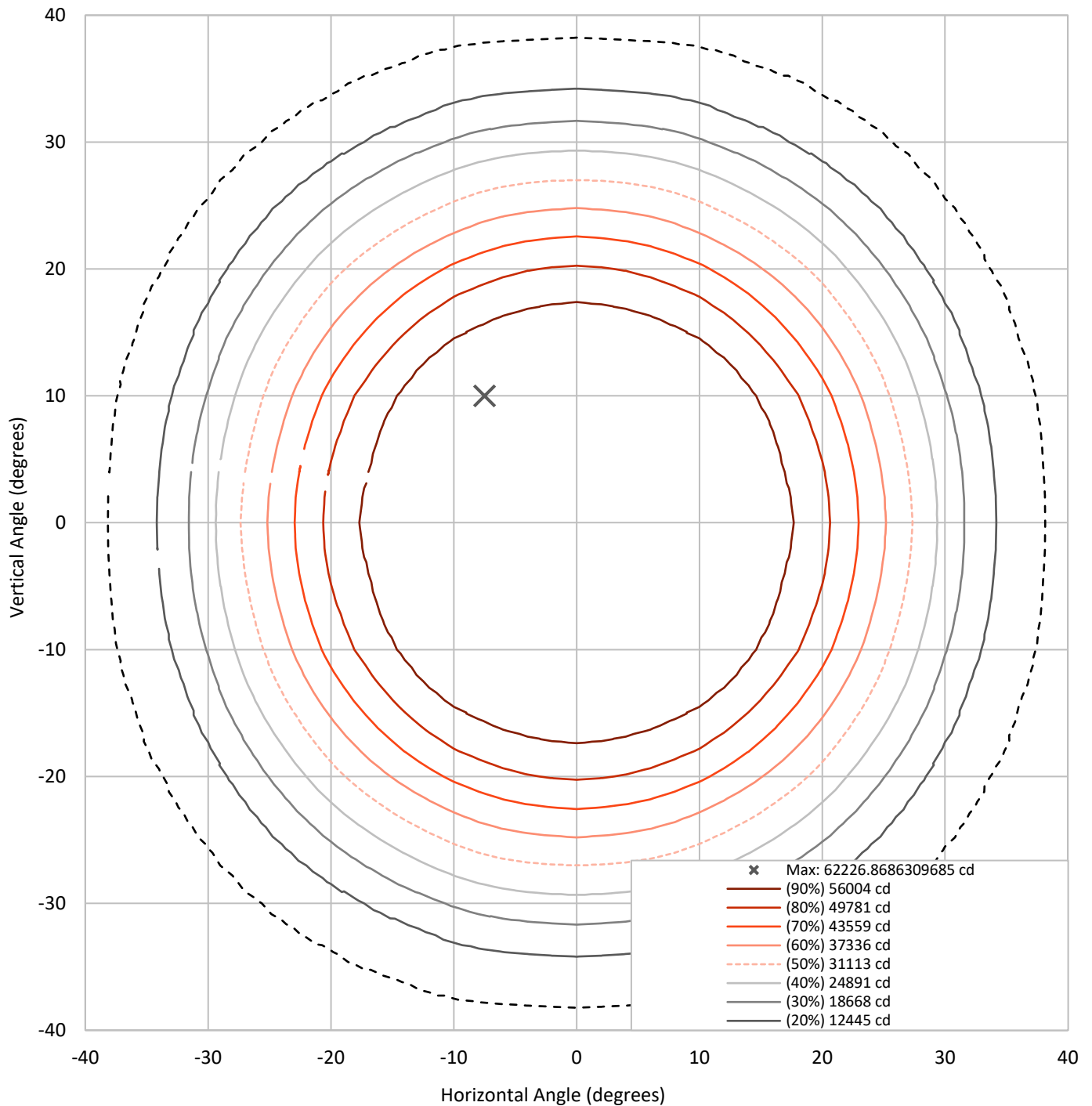
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	52960.9 lumens	Max Intensity:	62226.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	140.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	35152.3 lumens	Field Lumens:	45708.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	376.7		
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





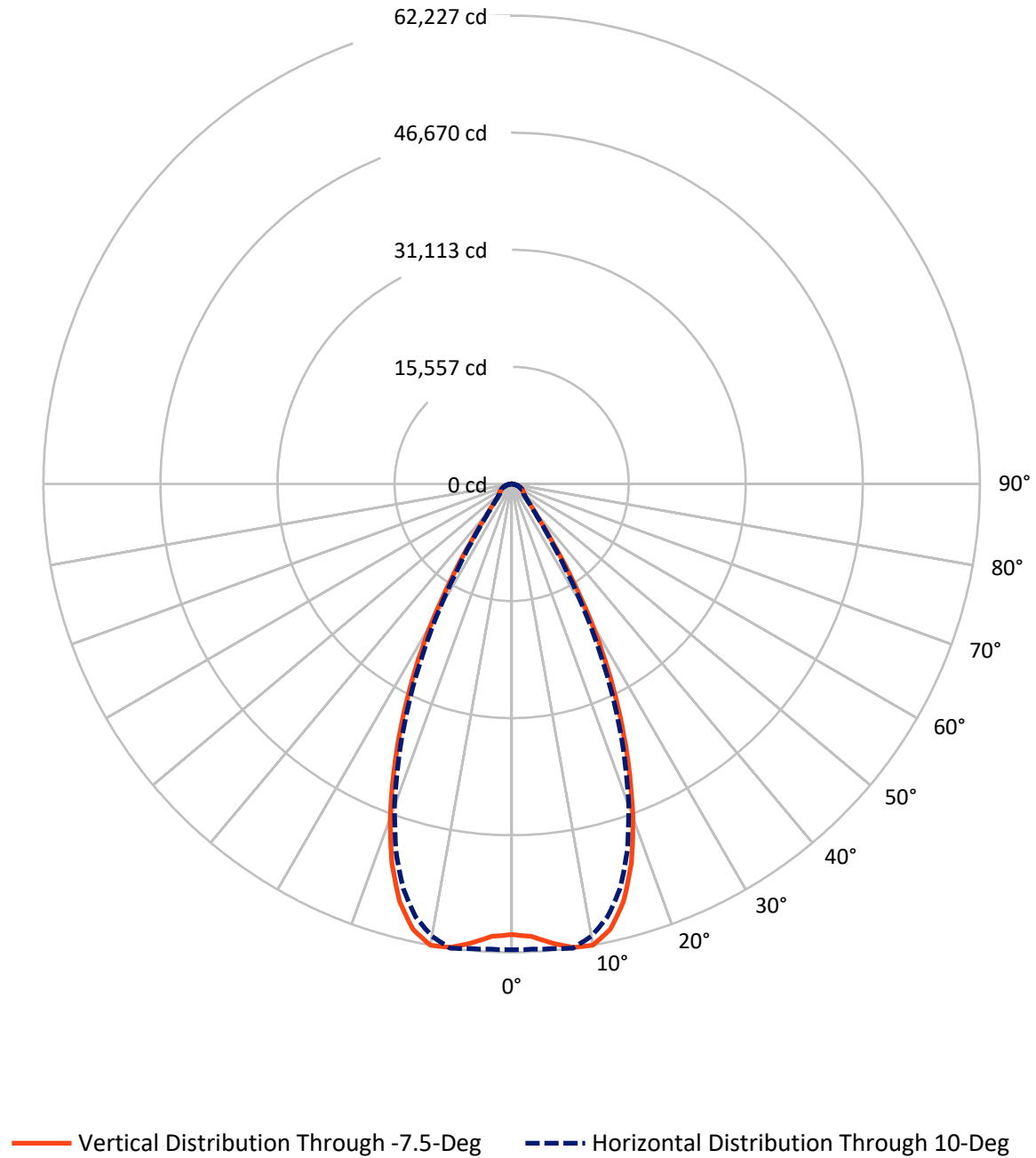
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Lumen Table

90																			
80	1.4	12.4		33.2		52.6		58.7		52.6		33.2		12.4		1.4			
70																			
60	5.6	6.4	13.0	21.2	29.7	36.0	40.7	43.1	43.1	40.7	36.0	29.7	21.2	13.0	6.4	5.6			
50		9.5	19.1	30.6	40.8	49.4	55.3	57.7	57.7	55.3	49.4	40.8	30.6	19.1	9.5				
40	10.0	12.3	24.2	37.1	49.7	64.7	81.4	93.4	93.4	81.4	64.7	49.7	37.1	24.2	12.3	10.0			
30		14.6	28.1	42.6	66.0	120.4	230.4	341.5	341.5	230.4	120.4	66.0	42.6	28.1	14.6				
20	12.9	16.3	30.6	49.8	108.5	340.0	762.8	1065.1	1065.1	762.8	340.0	108.5	49.8	30.6	16.3	12.9			
10		17.4	32.3	59.1	196.1	724.8	1384.1	1732.3	1732.3	1384.1	724.8	196.1	59.1	32.3	17.4				
0	13.9	18.0	33.1	66.5	282.3	991.9	1679.2	1827.0	1827.0	1679.2	991.9	282.3	66.5	33.1	18.0	13.9			
-10		18.0	33.1	66.5	282.3	991.9	1679.2	1827.0	1827.0	1679.2	991.9	282.3	66.5	33.1	18.0				
-20	12.9	17.4	32.3	59.1	196.1	724.8	1384.1	1732.3	1732.3	1384.1	724.8	196.1	59.1	32.3	17.4	12.9			
-30		16.3	30.6	49.8	108.5	340.0	762.8	1065.1	1065.1	762.8	340.0	108.5	49.8	30.6	16.3				
-40	10.0	14.6	28.1	42.6	66.0	120.4	230.4	341.5	341.5	230.4	120.4	66.0	42.6	28.1	14.6	10.0			
-50		12.3	24.2	37.1	49.7	64.7	81.4	93.4	93.4	81.4	64.7	49.7	37.1	24.2	12.3				
-60	5.6	9.5	19.1	30.6	40.8	49.4	55.3	57.7	57.7	55.3	49.4	40.8	30.6	19.1	9.5	5.6			
-70		6.4	13.0	21.2	29.7	36.0	40.7	43.1	43.1	40.7	36.0	29.7	21.2	13.0	6.4				
-80																			
-90	1.4	12.4		33.2		52.6		58.7		52.6		33.2		12.4		1.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

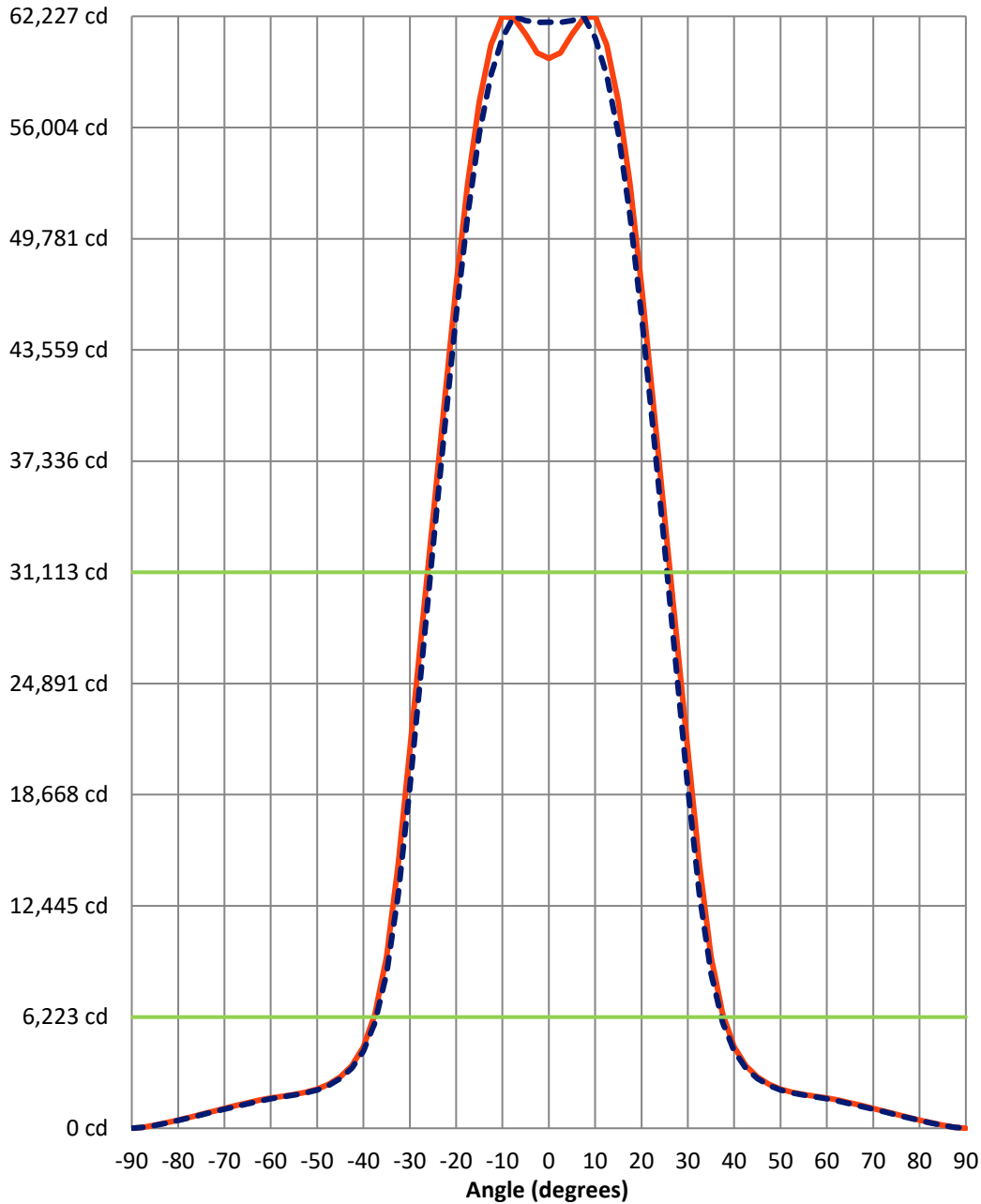
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 35152.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 45708.1
 Efficiency: 86.3%

Spill:
 Lumens: 7252.8
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.4	4.7	7.1	9.5	11.8	14.1	17.2	20.5	23.9	27.6
85°	0.0	4.7	9.5	14.2	18.9	23.6	28.2	34.3	40.9	47.8	55.1
82.5°	0.0	7.1	14.2	21.3	28.3	35.3	42.2	51.3	62.4	78.6	94.0
80°	0.0	9.5	18.9	28.3	37.7	47.0	58.1	80.1	101.1	120.9	139.6
77.5°	0.0	11.8	23.6	35.3	47.0	63.4	88.6	114.6	139.6	163.0	188.3
75°	0.0	14.1	28.2	42.2	58.1	88.6	118.7	149.0	178.6	213.0	246.7
72.5°	0.0	16.4	32.7	49.0	78.1	113.5	148.5	184.8	225.4	265.3	304.5
70°	0.0	18.6	37.2	57.3	97.8	138.1	178.6	225.4	271.5	317.0	364.8
67.5°	0.0	20.9	41.7	71.9	117.2	162.3	212.6	265.3	317.0	370.4	424.7
65°	0.0	23.0	46.0	86.2	136.3	187.9	245.9	304.5	362.9	422.6	485.9
62.5°	0.0	25.2	50.3	100.2	155.0	214.6	278.4	343.2	407.7	475.1	551.5
60°	0.0	27.2	54.4	114.0	173.3	240.7	310.1	380.9	451.3	532.0	615.4
57.5°	0.0	29.3	63.2	127.4	193.2	266.0	341.8	417.6	498.7	587.4	675.6
55°	0.0	31.3	71.7	140.4	212.6	290.5	372.9	453.5	545.9	640.6	733.5
52.5°	0.0	33.2	79.9	153.0	231.4	314.5	403.2	493.0	591.4	691.2	789.7
50°	0.0	35.0	87.9	165.2	249.5	339.3	432.8	531.5	635.0	740.1	844.1
47.5°	0.0	36.8	95.4	177.3	266.8	363.3	461.9	568.4	676.9	787.3	896.6
45°	0.0	38.5	102.7	189.7	283.4	386.5	492.0	603.7	717.5	832.7	947.1
42.5°	0.0	40.2	109.5	201.5	299.2	408.8	520.7	637.3	755.9	876.2	994.9
40°	0.0	41.7	116.1	212.5	315.2	430.2	547.9	669.0	792.6	917.7	1040.9
37.5°	0.0	43.2	122.2	222.6	331.5	450.7	573.6	698.9	828.1	957.8	1085.1
35°	0.0	44.6	127.9	232.2	346.9	470.6	597.6	726.9	861.9	995.3	1126.3
32.5°	0.0	46.0	133.2	241.1	361.4	489.4	620.0	752.9	893.9	1030.2	1162.5
30°	0.0	47.2	138.1	249.4	375.0	506.8	640.8	777.4	924.1	1062.4	1196.3
27.5°	0.0	48.3	142.6	257.1	387.1	522.9	659.8	801.5	951.6	1091.7	1227.6
25°	0.0	49.4	146.7	264.0	398.1	537.6	677.1	823.8	975.6	1117.6	1256.2
22.5°	0.0	50.3	150.3	270.3	408.1	550.6	692.6	844.2	997.1	1140.7	1282.1
20°	0.0	51.2	153.5	275.9	416.9	561.7	706.4	862.7	1016.0	1161.3	1305.2
17.5°	0.0	52.0	156.2	280.7	424.6	571.4	718.8	879.0	1032.5	1179.3	1325.4
15°	0.0	52.6	158.6	284.8	431.2	579.7	730.0	893.8	1046.5	1194.8	1342.7
12.5°	0.0	53.2	160.5	288.2	436.7	586.6	739.6	906.8	1058.9	1207.5	1357.1
10°	0.0	53.7	161.9	290.9	441.0	592.0	747.6	917.5	1069.7	1219.5	1369.2
7.5°	0.0	54.0	162.9	292.8	444.1	596.0	754.0	925.8	1078.1	1229.1	1380.0
5°	0.0	54.3	163.5	293.9	446.1	598.4	758.6	931.8	1084.2	1236.0	1387.7
2.5°	0.0	54.4	163.7	294.3	446.9	599.5	761.4	935.4	1087.8	1240.1	1392.4
0°	0.0	54.5	163.4	294.0	446.5	599.0	762.3	936.6	1089.0	1241.5	1393.9
-2.5°	0.0	54.4	163.7	294.3	446.9	599.5	761.4	935.4	1087.8	1240.1	1392.4
-5°	0.0	54.3	163.5	293.9	446.1	598.4	758.6	931.8	1084.2	1236.0	1387.7
-7.5°	0.0	54.0	162.9	292.8	444.1	596.0	754.0	925.8	1078.1	1229.1	1380.0
-10°	0.0	53.7	161.9	290.9	441.0	592.0	747.6	917.5	1069.7	1219.5	1369.2
-12.5°	0.0	53.2	160.5	288.2	436.7	586.6	739.6	906.8	1058.9	1207.5	1357.1
-15°	0.0	52.6	158.6	284.8	431.2	579.7	730.0	893.8	1046.5	1194.8	1342.7
-17.5°	0.0	52.0	156.2	280.7	424.6	571.4	718.8	879.0	1032.5	1179.3	1325.4
-20°	0.0	51.2	153.5	275.9	416.9	561.7	706.4	862.7	1016.0	1161.3	1305.2

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	50.3	150.3	270.3	408.1	550.6	692.6	844.2	997.1	1140.7	1282.1
-25°	0.0	49.4	146.7	264.0	398.1	537.6	677.1	823.8	975.6	1117.6	1256.2
-27.5°	0.0	48.3	142.6	257.1	387.1	522.9	659.8	801.5	951.6	1091.7	1227.6
-30°	0.0	47.2	138.1	249.4	375.0	506.8	640.8	777.4	924.1	1062.4	1196.3
-32.5°	0.0	46.0	133.2	241.1	361.4	489.4	620.0	752.9	893.9	1030.2	1162.5
-35°	0.0	44.6	127.9	232.2	346.9	470.6	597.6	726.9	861.9	995.3	1126.3
-37.5°	0.0	43.2	122.2	222.6	331.5	450.7	573.6	698.9	828.1	957.8	1085.1
-40°	0.0	41.7	116.1	212.5	315.2	430.2	547.9	669.0	792.6	917.7	1040.9
-42.5°	0.0	40.2	109.5	201.5	299.2	408.8	520.7	637.3	755.9	876.2	994.9
-45°	0.0	38.5	102.7	189.7	283.4	386.5	492.0	603.7	717.5	832.7	947.1
-47.5°	0.0	36.8	95.4	177.3	266.8	363.3	461.9	568.4	676.9	787.3	896.6
-50°	0.0	35.0	87.9	165.2	249.5	339.3	432.8	531.5	635.0	740.1	844.1
-52.5°	0.0	33.2	79.9	153.0	231.4	314.5	403.2	493.0	591.4	691.2	789.7
-55°	0.0	31.3	71.7	140.4	212.6	290.5	372.9	453.5	545.9	640.6	733.5
-57.5°	0.0	29.3	63.2	127.4	193.2	266.0	341.8	417.6	498.7	587.4	675.6
-60°	0.0	27.2	54.4	114.0	173.3	240.7	310.1	380.9	451.3	532.0	615.4
-62.5°	0.0	25.2	50.3	100.2	155.0	214.6	278.4	343.2	407.7	475.1	551.5
-65°	0.0	23.0	46.0	86.2	136.3	187.9	245.9	304.5	362.9	422.6	485.9
-67.5°	0.0	20.9	41.7	71.9	117.2	162.3	212.6	265.3	317.0	370.4	424.7
-70°	0.0	18.6	37.2	57.3	97.8	138.1	178.6	225.4	271.5	317.0	364.8
-72.5°	0.0	16.4	32.7	49.0	78.1	113.5	148.5	184.8	225.4	265.3	304.5
-75°	0.0	14.1	28.2	42.2	58.1	88.6	118.7	149.0	178.6	213.0	246.7
-77.5°	0.0	11.8	23.6	35.3	47.0	63.4	88.6	114.6	139.6	163.0	188.3
-80°	0.0	9.5	18.9	28.3	37.7	47.0	58.1	80.1	101.1	120.9	139.6
-82.5°	0.0	7.1	14.2	21.3	28.3	35.3	42.2	51.3	62.4	78.6	94.0
-85°	0.0	4.7	9.5	14.2	18.9	23.6	28.2	34.3	40.9	47.8	55.1
-87.5°	0.0	2.4	4.7	7.1	9.5	11.8	14.1	17.2	20.5	23.9	27.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	30.1	32.6	35.1	37.4	39.7	42.0	44.1	46.2	48.1	50.0	51.8
85°	60.2	65.2	73.9	82.8	91.2	99.4	107.3	114.8	122.0	128.9	135.5
82.5°	107.9	122.0	136.4	151.1	163.9	176.1	188.2	200.6	212.9	225.2	237.4
80°	158.7	178.4	200.9	222.2	240.9	258.7	275.9	292.4	310.4	329.6	349.0
77.5°	217.4	245.4	271.7	296.4	320.2	346.1	371.2	395.3	420.4	445.2	468.9
75°	280.2	312.3	345.9	379.1	411.3	442.5	472.9	503.9	535.3	566.5	596.2
72.5°	345.2	385.8	425.5	464.1	504.1	543.1	580.7	617.0	654.4	692.6	729.1
70°	412.6	458.9	507.8	555.0	600.1	645.5	691.5	735.9	779.2	823.4	867.3
67.5°	480.6	538.8	593.8	646.2	699.3	752.9	804.7	857.7	908.9	960.4	1009.6
65°	555.5	619.0	679.2	739.3	799.5	862.4	923.6	982.7	1042.2	1099.7	1151.4
62.5°	628.9	696.4	763.2	831.4	903.2	973.7	1040.6	1108.4	1177.5	1237.7	1290.1
60°	696.4	771.4	846.0	923.8	1003.1	1079.0	1154.0	1227.7	1302.1	1371.4	1414.1
57.5°	761.6	844.5	927.2	1010.9	1094.5	1179.2	1258.0	1339.1	1408.2	1466.5	1516.1
55°	825.1	915.2	1003.2	1091.1	1181.3	1269.9	1355.7	1432.7	1500.1	1548.7	1596.6
52.5°	886.9	981.9	1072.8	1167.9	1263.7	1357.7	1447.3	1518.7	1574.0	1623.8	1668.5
50°	946.8	1043.4	1139.5	1242.5	1343.8	1443.2	1527.4	1589.9	1646.1	1694.7	1741.5
47.5°	1002.9	1103.7	1206.3	1314.6	1421.3	1517.3	1594.7	1660.1	1717.6	1769.9	1825.3
45°	1057.0	1163.8	1272.3	1384.1	1493.0	1585.9	1660.4	1730.9	1784.7	1843.8	1907.3
42.5°	1109.4	1221.7	1335.4	1450.9	1560.9	1647.6	1722.1	1786.8	1850.0	1919.9	1996.7
40°	1159.3	1276.3	1394.9	1515.1	1624.8	1701.7	1774.6	1843.2	1919.9	2003.1	2092.0
37.5°	1206.1	1327.5	1450.7	1575.5	1671.8	1751.0	1825.8	1902.1	1991.4	2087.8	2208.4
35°	1249.8	1375.3	1502.6	1622.4	1714.0	1798.0	1875.3	1960.5	2064.8	2190.7	2345.2
32.5°	1290.3	1419.4	1550.4	1660.4	1752.8	1840.1	1919.6	2025.8	2151.1	2300.9	2519.8
30°	1327.7	1459.8	1591.3	1697.7	1787.9	1875.5	1972.3	2091.9	2238.5	2457.3	2737.2
27.5°	1362.4	1496.5	1623.4	1728.8	1819.2	1909.5	2022.7	2167.8	2360.8	2621.8	2969.9
25°	1394.1	1531.6	1654.2	1754.8	1848.2	1948.4	2071.4	2234.5	2488.2	2825.4	3295.7
22.5°	1422.9	1563.3	1683.6	1777.3	1875.4	1984.0	2127.4	2331.5	2624.0	3017.6	3624.3
20°	1448.6	1587.3	1705.7	1798.6	1900.5	2013.3	2177.4	2423.4	2776.2	3286.0	4060.3
17.5°	1471.2	1608.2	1722.2	1819.0	1925.0	2046.7	2226.0	2503.0	2911.4	3520.1	4501.2
15°	1490.5	1626.1	1736.2	1836.4	1946.3	2084.8	2293.6	2607.1	3068.5	3763.6	4885.4
12.5°	1506.5	1640.9	1747.6	1850.7	1963.9	2116.8	2351.5	2705.4	3231.6	4062.7	5451.5
10°	1519.2	1652.5	1756.3	1861.8	1977.6	2142.3	2398.5	2785.7	3366.7	4321.8	5934.5
7.5°	1530.9	1661.0	1762.3	1869.6	1987.4	2161.3	2434.3	2847.6	3470.3	4525.3	6316.7
5°	1539.5	1666.1	1765.7	1874.1	1995.6	2173.7	2458.6	2890.6	3541.9	4670.8	6585.6
2.5°	1544.7	1667.8	1766.3	1875.3	2001.7	2179.3	2471.2	2914.3	3598.1	4739.6	6730.1
0°	1546.4	1666.2	1764.2	1873.1	2003.8	2178.0	2472.1	2918.6	3626.4	4737.2	6751.9
-2.5°	1544.7	1667.8	1766.3	1875.3	2001.7	2179.3	2471.2	2914.3	3598.1	4739.6	6730.1
-5°	1539.5	1666.1	1765.7	1874.1	1995.6	2173.7	2458.6	2890.6	3541.9	4670.8	6585.6
-7.5°	1530.9	1661.0	1762.3	1869.6	1987.4	2161.3	2434.3	2847.6	3470.3	4525.3	6316.7
-10°	1519.2	1652.5	1756.3	1861.8	1977.6	2142.3	2398.5	2785.7	3366.7	4321.8	5934.5
-12.5°	1506.5	1640.9	1747.6	1850.7	1963.9	2116.8	2351.5	2705.4	3231.6	4062.7	5451.5
-15°	1490.5	1626.1	1736.2	1836.4	1946.3	2084.8	2293.6	2607.1	3068.5	3763.6	4885.4
-17.5°	1471.2	1608.2	1722.2	1819.0	1925.0	2046.7	2226.0	2503.0	2911.4	3520.1	4501.2
-20°	1448.6	1587.3	1705.7	1798.6	1900.5	2013.3	2177.4	2423.4	2776.2	3286.0	4060.3

Classified

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

Scaled Data Report



REPORT NUMBER: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1422.9	1563.3	1683.6	1777.3	1875.4	1984.0	2127.4	2331.5	2624.0	3017.6	3624.3
-25°	1394.1	1531.6	1654.2	1754.8	1848.2	1948.4	2071.4	2234.5	2488.2	2825.4	3295.7
-27.5°	1362.4	1496.5	1623.4	1728.8	1819.2	1909.5	2022.7	2167.8	2360.8	2621.8	2969.9
-30°	1327.7	1459.8	1591.3	1697.7	1787.9	1875.5	1972.3	2091.9	2238.5	2457.3	2737.2
-32.5°	1290.3	1419.4	1550.4	1660.4	1752.8	1840.1	1919.6	2025.8	2151.1	2300.9	2519.8
-35°	1249.8	1375.3	1502.6	1622.4	1714.0	1798.0	1875.3	1960.5	2064.8	2190.7	2345.2
-37.5°	1206.1	1327.5	1450.7	1575.5	1671.8	1751.0	1825.8	1902.1	1991.4	2087.8	2208.4
-40°	1159.3	1276.3	1394.9	1515.1	1624.8	1701.7	1774.6	1843.2	1919.9	2003.1	2092.0
-42.5°	1109.4	1221.7	1335.4	1450.9	1560.9	1647.6	1722.1	1786.8	1850.0	1919.9	1996.7
-45°	1057.0	1163.8	1272.3	1384.1	1493.0	1585.9	1660.4	1730.9	1784.7	1843.8	1907.3
-47.5°	1002.9	1103.7	1206.3	1314.6	1421.3	1517.3	1594.7	1660.1	1717.6	1769.9	1825.3
-50°	946.8	1043.4	1139.5	1242.5	1343.8	1443.2	1527.4	1589.9	1646.1	1694.7	1741.5
-52.5°	886.9	981.9	1072.8	1167.9	1263.7	1357.7	1447.3	1518.7	1574.0	1623.8	1668.5
-55°	825.1	915.2	1003.2	1091.1	1181.3	1269.9	1355.7	1432.7	1500.1	1548.7	1596.6
-57.5°	761.6	844.5	927.2	1010.9	1094.5	1179.2	1258.0	1339.1	1408.2	1466.5	1516.1
-60°	696.4	771.4	846.0	923.8	1003.1	1079.0	1154.0	1227.7	1302.1	1371.4	1414.1
-62.5°	628.9	696.4	763.2	831.4	903.2	973.7	1040.6	1108.4	1177.5	1237.7	1290.1
-65°	555.5	619.0	679.2	739.3	799.5	862.4	923.6	982.7	1042.2	1099.7	1151.4
-67.5°	480.6	538.8	593.8	646.2	699.3	752.9	804.7	857.7	908.9	960.4	1009.6
-70°	412.6	458.9	507.8	555.0	600.1	645.5	691.5	735.9	779.2	823.4	867.3
-72.5°	345.2	385.8	425.5	464.1	504.1	543.1	580.7	617.0	654.4	692.6	729.1
-75°	280.2	312.3	345.9	379.1	411.3	442.5	472.9	503.9	535.3	566.5	596.2
-77.5°	217.4	245.4	271.7	296.4	320.2	346.1	371.2	395.3	420.4	445.2	468.9
-80°	158.7	178.4	200.9	222.2	240.9	258.7	275.9	292.4	310.4	329.6	349.0
-82.5°	107.9	122.0	136.4	151.1	163.9	176.1	188.2	200.6	212.9	225.2	237.4
-85°	60.2	65.2	73.9	82.8	91.2	99.4	107.3	114.8	122.0	128.9	135.5
-87.5°	30.1	32.6	35.1	37.4	39.7	42.0	44.1	46.2	48.1	50.0	51.8
-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: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	53.5	52.8	51.9	50.8	49.4	52.8	56.3	59.7	63.1	61.1	59.0
85°	141.7	144.9	147.6	149.9	151.8	158.6	165.1	171.2	176.9	176.7	176.0
82.5°	249.4	257.4	264.3	270.5	276.0	283.9	291.0	297.2	302.4	306.3	309.6
80°	367.6	380.6	391.8	401.9	411.0	421.4	431.2	439.8	447.3	451.4	454.0
77.5°	492.4	511.4	528.4	544.7	560.0	575.2	589.2	601.6	612.4	614.9	614.3
75°	624.5	650.1	674.1	696.3	716.8	734.5	749.4	761.9	772.2	777.3	780.0
72.5°	763.8	795.3	823.5	849.0	870.8	888.9	904.7	918.3	929.8	937.1	941.4
70°	909.0	946.2	975.2	999.1	1017.8	1035.9	1056.2	1075.5	1093.6	1103.8	1107.7
67.5°	1054.6	1093.2	1119.8	1141.6	1158.7	1176.5	1202.0	1225.0	1245.5	1259.3	1268.1
65°	1197.1	1237.7	1264.4	1285.3	1301.0	1318.8	1347.4	1370.2	1387.6	1401.4	1413.8
62.5°	1338.0	1378.9	1408.6	1433.4	1456.3	1475.9	1499.3	1518.5	1533.4	1547.0	1562.4
60°	1460.0	1508.5	1539.7	1564.8	1593.2	1623.8	1641.0	1655.4	1667.9	1678.8	1688.4
57.5°	1559.6	1603.0	1642.9	1673.2	1702.7	1731.1	1751.5	1765.0	1775.9	1784.1	1787.3
55°	1643.0	1687.8	1732.4	1765.2	1794.2	1820.8	1843.1	1860.7	1875.3	1886.7	1889.5
52.5°	1717.8	1768.0	1811.9	1849.6	1888.0	1919.3	1943.9	1967.8	1988.7	2005.5	2012.7
50°	1799.1	1851.7	1906.4	1957.0	1997.8	2033.7	2063.4	2097.2	2132.8	2162.2	2180.7
47.5°	1884.6	1945.2	2011.3	2073.7	2122.0	2175.1	2224.5	2274.7	2340.8	2396.2	2437.4
45°	1974.0	2051.9	2127.3	2206.5	2273.3	2373.4	2466.3	2546.0	2652.0	2748.2	2824.5
42.5°	2079.7	2176.6	2269.1	2396.1	2529.0	2665.6	2813.3	2939.3	3105.0	3273.7	3409.8
40°	2204.8	2328.6	2491.6	2662.1	2871.9	3059.9	3314.8	3541.9	3796.1	4117.6	4383.2
37.5°	2355.4	2546.3	2773.0	3010.6	3337.8	3650.4	4071.8	4515.8	4918.6	5537.1	6057.3
35°	2551.1	2817.9	3116.4	3536.9	4000.1	4586.0	5243.2	6100.7	6836.1	7879.3	8876.2
32.5°	2803.2	3146.2	3633.6	4282.9	4967.5	6031.1	7073.9	8563.0	9941.8	11595.1	13379.5
30°	3083.8	3605.8	4350.5	5241.0	6518.0	8082.8	9921.2	12208.2	14710.9	17034.7	19324.6
27.5°	3490.4	4238.3	5216.6	6653.6	8643.8	10833.0	14054.1	17158.5	20397.3	23276.3	25677.5
25°	3965.1	4953.5	6466.3	8582.3	11273.8	15022.6	18878.4	22709.7	26192.9	29207.1	31860.1
22.5°	4578.1	5999.7	8016.5	10757.2	14948.5	19441.6	23963.0	28189.0	31904.5	35260.9	38132.8
20°	5244.9	7023.8	9903.9	13990.8	18783.8	23902.7	29007.9	33509.6	37600.6	41406.3	44643.1
17.5°	6090.0	8581.3	12228.5	17131.1	22672.6	28281.2	33644.4	38529.6	43171.1	47198.0	50580.0
15°	6810.2	9952.9	14713.0	20462.8	26456.8	32373.0	38035.2	43341.5	48167.1	52298.9	55478.3
12.5°	7770.8	11490.2	16918.8	23327.0	29822.3	36047.5	42011.6	47496.0	52406.9	56493.3	58968.3
10°	8678.9	13081.7	19050.8	25733.7	32481.9	39114.5	45482.5	51107.4	55666.8	58917.5	61026.7
7.5°	9451.0	14449.5	20785.1	27679.0	34594.9	41529.3	47975.4	53448.2	57652.3	60366.9	61835.3
5°	10027.5	15472.0	22072.4	29259.7	36356.4	43412.6	49808.4	54946.0	58579.6	60596.3	61333.5
2.5°	10394.8	16072.5	22819.5	30296.8	37535.3	44604.2	51065.7	56122.8	59205.6	60542.3	60669.3
0°	10541.7	16150.1	22934.7	30840.9	37832.4	44943.7	51423.3	56607.0	59438.5	60538.4	60516.6
-2.5°	10394.8	16072.5	22819.5	30296.8	37535.3	44604.2	51065.7	56122.8	59205.6	60542.3	60669.3
-5°	10027.5	15472.0	22072.4	29259.7	36356.4	43412.6	49808.4	54946.0	58579.6	60596.3	61333.5
-7.5°	9451.0	14449.5	20785.1	27679.0	34594.9	41529.3	47975.4	53448.2	57652.3	60366.9	61835.3
-10°	8678.9	13081.7	19050.8	25733.7	32481.9	39114.5	45482.5	51107.4	55666.8	58917.5	61026.7
-12.5°	7770.8	11490.2	16918.8	23327.0	29822.3	36047.5	42011.6	47496.0	52406.9	56493.3	58968.3
-15°	6810.2	9952.9	14713.0	20462.8	26456.8	32373.0	38035.2	43341.5	48167.1	52298.9	55478.3
-17.5°	6090.0	8581.3	12228.5	17131.1	22672.6	28281.2	33644.4	38529.6	43171.1	47198.0	50580.0
-20°	5244.9	7023.8	9903.9	13990.8	18783.8	23902.7	29007.9	33509.6	37600.6	41406.3	44643.1

Classified

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

Scaled Data Report



REPORT NUMBER: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4578.1	5999.7	8016.5	10757.2	14948.5	19441.6	23963.0	28189.0	31904.5	35260.9	38132.8
-25°	3965.1	4953.5	6466.3	8582.3	11273.8	15022.6	18878.4	22709.7	26192.9	29207.1	31860.1
-27.5°	3490.4	4238.3	5216.6	6653.6	8643.8	10833.0	14054.1	17158.5	20397.3	23276.3	25677.5
-30°	3083.8	3605.8	4350.5	5241.0	6518.0	8082.8	9921.2	12208.2	14710.9	17034.7	19324.6
-32.5°	2803.2	3146.2	3633.6	4282.9	4967.5	6031.1	7073.9	8563.0	9941.8	11595.1	13379.5
-35°	2551.1	2817.9	3116.4	3536.9	4000.1	4586.0	5243.2	6100.7	6836.1	7879.3	8876.2
-37.5°	2355.4	2546.3	2773.0	3010.6	3337.8	3650.4	4071.8	4515.8	4918.6	5537.1	6057.3
-40°	2204.8	2328.6	2491.6	2662.1	2871.9	3059.9	3314.8	3541.9	3796.1	4117.6	4383.2
-42.5°	2079.7	2176.6	2269.1	2396.1	2529.0	2665.6	2813.3	2939.3	3105.0	3273.7	3409.8
-45°	1974.0	2051.9	2127.3	2206.5	2273.3	2373.4	2466.3	2546.0	2652.0	2748.2	2824.5
-47.5°	1884.6	1945.2	2011.3	2073.7	2122.0	2175.1	2224.5	2274.7	2340.8	2396.2	2437.4
-50°	1799.1	1851.7	1906.4	1957.0	1997.8	2033.7	2063.4	2097.2	2132.8	2162.2	2180.7
-52.5°	1717.8	1768.0	1811.9	1849.6	1888.0	1919.3	1943.9	1967.8	1988.7	2005.5	2012.7
-55°	1643.0	1687.8	1732.4	1765.2	1794.2	1820.8	1843.1	1860.7	1875.3	1886.7	1889.5
-57.5°	1559.6	1603.0	1642.9	1673.2	1702.7	1731.1	1751.5	1765.0	1775.9	1784.1	1787.3
-60°	1460.0	1508.5	1539.7	1564.8	1593.2	1623.8	1641.0	1655.4	1667.9	1678.8	1688.4
-62.5°	1338.0	1378.9	1408.6	1433.4	1456.3	1475.9	1499.3	1518.5	1533.4	1547.0	1562.4
-65°	1197.1	1237.7	1264.4	1285.3	1301.0	1318.8	1347.4	1370.2	1387.6	1401.4	1413.8
-67.5°	1054.6	1093.2	1119.8	1141.6	1158.7	1176.5	1202.0	1225.0	1245.5	1259.3	1268.1
-70°	909.0	946.2	975.2	999.1	1017.8	1035.9	1056.2	1075.5	1093.6	1103.8	1107.7
-72.5°	763.8	795.3	823.5	849.0	870.8	888.9	904.7	918.3	929.8	937.1	941.4
-75°	624.5	650.1	674.1	696.3	716.8	734.5	749.4	761.9	772.2	777.3	780.0
-77.5°	492.4	511.4	528.4	544.7	560.0	575.2	589.2	601.6	612.4	614.9	614.3
-80°	367.6	380.6	391.8	401.9	411.0	421.4	431.2	439.8	447.3	451.4	454.0
-82.5°	249.4	257.4	264.3	270.5	276.0	283.9	291.0	297.2	302.4	306.3	309.6
-85°	141.7	144.9	147.6	149.9	151.8	158.6	165.1	171.2	176.9	176.7	176.0
-87.5°	53.5	52.8	51.9	50.8	49.4	52.8	56.3	59.7	63.1	61.1	59.0
-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: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	56.7	54.3	54.4	54.5	54.4	54.3	56.7	59.0	61.1	63.1	59.7
85°	174.9	173.3	168.6	163.4	168.6	173.3	174.9	176.0	176.7	176.9	171.2
82.5°	312.2	314.2	310.0	304.9	310.0	314.2	312.2	309.6	306.3	302.4	297.2
80°	455.3	455.3	451.5	446.5	451.5	455.3	455.3	454.0	451.4	447.3	439.8
77.5°	611.7	607.2	609.0	609.8	609.0	607.2	611.7	614.3	614.9	612.4	601.6
75°	781.1	780.4	777.9	773.2	777.9	780.4	781.1	780.0	777.3	772.2	761.9
72.5°	943.5	943.4	941.1	936.6	941.1	943.4	943.5	941.4	937.1	929.8	918.3
70°	1108.6	1106.6	1109.5	1110.8	1109.5	1106.6	1108.6	1107.7	1103.8	1093.6	1075.5
67.5°	1274.8	1279.2	1278.5	1274.1	1278.5	1279.2	1274.8	1268.1	1259.3	1245.5	1225.0
65°	1423.9	1431.3	1435.9	1437.5	1435.9	1431.3	1423.9	1413.8	1401.4	1387.6	1370.2
62.5°	1574.5	1583.1	1583.6	1579.1	1583.6	1583.1	1574.5	1562.4	1547.0	1533.4	1518.5
60°	1693.6	1695.0	1692.9	1688.0	1692.9	1695.0	1693.6	1688.4	1678.8	1667.9	1655.4
57.5°	1787.3	1784.1	1780.4	1775.1	1780.4	1784.1	1787.3	1787.3	1784.1	1775.9	1765.0
55°	1888.0	1882.7	1878.3	1873.1	1878.3	1882.7	1888.0	1889.5	1886.7	1875.3	1860.7
52.5°	2014.3	2011.6	2008.5	2003.8	2008.5	2011.6	2014.3	2012.7	2005.5	1988.7	1967.8
50°	2190.1	2192.9	2192.6	2188.9	2192.6	2192.9	2190.1	2180.7	2162.2	2132.8	2097.2
47.5°	2463.5	2478.0	2487.9	2493.8	2487.9	2478.0	2463.5	2437.4	2396.2	2340.8	2274.7
45°	2873.4	2902.6	2923.1	2940.3	2923.1	2902.6	2873.4	2824.5	2748.2	2652.0	2546.0
42.5°	3505.7	3570.8	3601.6	3593.8	3601.6	3570.8	3505.7	3409.8	3273.7	3105.0	2939.3
40°	4560.2	4665.3	4723.5	4769.9	4723.5	4665.3	4560.2	4383.2	4117.6	3796.1	3541.9
37.5°	6412.5	6616.4	6723.9	6817.2	6723.9	6616.4	6412.5	6057.3	5537.1	4918.6	4515.8
35°	9620.9	10079.8	10325.6	10411.0	10325.6	10079.8	9620.9	8876.2	7879.3	6836.1	6100.7
32.5°	14768.0	15614.4	16082.5	16444.1	16082.5	15614.4	14768.0	13379.5	11595.1	9941.8	8563.0
30°	21137.8	22252.8	22871.9	23174.2	22871.9	22252.8	21137.8	19324.6	17034.7	14710.9	12208.2
27.5°	27667.8	28935.3	29602.8	29566.8	29602.8	28935.3	27667.8	25677.5	23276.3	20397.3	17158.5
25°	34134.6	35602.6	36267.8	36863.2	36267.8	35602.6	34134.6	31860.1	29207.1	26192.9	22709.7
22.5°	40675.0	42391.6	43328.3	43767.5	43328.3	42391.6	40675.0	38132.8	35260.9	31904.5	28189.0
20°	47137.6	49048.5	50043.0	50475.9	50043.0	49048.5	47137.6	44643.1	41406.3	37600.6	33509.6
17.5°	52869.3	54734.7	55682.6	56084.3	55682.6	54734.7	52869.3	50580.0	47198.0	43171.1	38529.6
15°	57445.9	58821.9	59627.9	59841.4	59627.9	58821.9	57445.9	55478.3	52298.9	48167.1	43341.5
12.5°	60609.5	61142.5	61530.1	61649.2	61530.1	61142.5	60609.5	58968.3	56493.3	52406.9	47496.0
10°	62226.9	61986.4	61887.0	61899.6	61887.0	61986.4	62226.9	61026.7	58917.5	55666.8	51107.4
7.5°	62115.6	61759.5	61044.3	60930.4	61044.3	61759.5	62115.6	61835.3	60366.9	57652.3	53448.2
5°	61223.2	60574.8	59387.7	59046.4	59387.7	60574.8	61223.2	61333.5	60596.3	58579.6	54946.0
2.5°	60183.1	59014.2	57920.6	57216.9	57920.6	59014.2	60183.1	60669.3	60542.3	59205.6	56122.8
0°	59874.1	58523.7	57108.0	56650.6	57108.0	58523.7	59874.1	60516.6	60538.4	59438.5	56607.0
-2.5°	60183.1	59014.2	57920.6	57216.9	57920.6	59014.2	60183.1	60669.3	60542.3	59205.6	56122.8
-5°	61223.2	60574.8	59387.7	59046.4	59387.7	60574.8	61223.2	61333.5	60596.3	58579.6	54946.0
-7.5°	62115.6	61759.5	61044.3	60930.4	61044.3	61759.5	62115.6	61835.3	60366.9	57652.3	53448.2
-10°	62226.9	61986.4	61887.0	61899.6	61887.0	61986.4	62226.9	61026.7	58917.5	55666.8	51107.4
-12.5°	60609.5	61142.5	61530.1	61649.2	61530.1	61142.5	60609.5	58968.3	56493.3	52406.9	47496.0
-15°	57445.9	58821.9	59627.9	59841.4	59627.9	58821.9	57445.9	55478.3	52298.9	48167.1	43341.5
-17.5°	52869.3	54734.7	55682.6	56084.3	55682.6	54734.7	52869.3	50580.0	47198.0	43171.1	38529.6
-20°	47137.6	49048.5	50043.0	50475.9	50043.0	49048.5	47137.6	44643.1	41406.3	37600.6	33509.6



REPORT NUMBER: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	40675.0	42391.6	43328.3	43767.5	43328.3	42391.6	40675.0	38132.8	35260.9	31904.5	28189.0
-25°	34134.6	35602.6	36267.8	36863.2	36267.8	35602.6	34134.6	31860.1	29207.1	26192.9	22709.7
-27.5°	27667.8	28935.3	29602.8	29566.8	29602.8	28935.3	27667.8	25677.5	23276.3	20397.3	17158.5
-30°	21137.8	22252.8	22871.9	23174.2	22871.9	22252.8	21137.8	19324.6	17034.7	14710.9	12208.2
-32.5°	14768.0	15614.4	16082.5	16444.1	16082.5	15614.4	14768.0	13379.5	11595.1	9941.8	8563.0
-35°	9620.9	10079.8	10325.6	10411.0	10325.6	10079.8	9620.9	8876.2	7879.3	6836.1	6100.7
-37.5°	6412.5	6616.4	6723.9	6817.2	6723.9	6616.4	6412.5	6057.3	5537.1	4918.6	4515.8
-40°	4560.2	4665.3	4723.5	4769.9	4723.5	4665.3	4560.2	4383.2	4117.6	3796.1	3541.9
-42.5°	3505.7	3570.8	3601.6	3593.8	3601.6	3570.8	3505.7	3409.8	3273.7	3105.0	2939.3
-45°	2873.4	2902.6	2923.1	2940.3	2923.1	2902.6	2873.4	2824.5	2748.2	2652.0	2546.0
-47.5°	2463.5	2478.0	2487.9	2493.8	2487.9	2478.0	2463.5	2437.4	2396.2	2340.8	2274.7
-50°	2190.1	2192.9	2192.6	2188.9	2192.6	2192.9	2190.1	2180.7	2162.2	2132.8	2097.2
-52.5°	2014.3	2011.6	2008.5	2003.8	2008.5	2011.6	2014.3	2012.7	2005.5	1988.7	1967.8
-55°	1888.0	1882.7	1878.3	1873.1	1878.3	1882.7	1888.0	1889.5	1886.7	1875.3	1860.7
-57.5°	1787.3	1784.1	1780.4	1775.1	1780.4	1784.1	1787.3	1787.3	1784.1	1775.9	1765.0
-60°	1693.6	1695.0	1692.9	1688.0	1692.9	1695.0	1693.6	1688.4	1678.8	1667.9	1655.4
-62.5°	1574.5	1583.1	1583.6	1579.1	1583.6	1583.1	1574.5	1562.4	1547.0	1533.4	1518.5
-65°	1423.9	1431.3	1435.9	1437.5	1435.9	1431.3	1423.9	1413.8	1401.4	1387.6	1370.2
-67.5°	1274.8	1279.2	1278.5	1274.1	1278.5	1279.2	1274.8	1268.1	1259.3	1245.5	1225.0
-70°	1108.6	1106.6	1109.5	1110.8	1109.5	1106.6	1108.6	1107.7	1103.8	1093.6	1075.5
-72.5°	943.5	943.4	941.1	936.6	941.1	943.4	943.5	941.4	937.1	929.8	918.3
-75°	781.1	780.4	777.9	773.2	777.9	780.4	781.1	780.0	777.3	772.2	761.9
-77.5°	611.7	607.2	609.0	609.8	609.0	607.2	611.7	614.3	614.9	612.4	601.6
-80°	455.3	455.3	451.5	446.5	451.5	455.3	455.3	454.0	451.4	447.3	439.8
-82.5°	312.2	314.2	310.0	304.9	310.0	314.2	312.2	309.6	306.3	302.4	297.2
-85°	174.9	173.3	168.6	163.4	168.6	173.3	174.9	176.0	176.7	176.9	171.2
-87.5°	56.7	54.3	54.4	54.5	54.4	54.3	56.7	59.0	61.1	63.1	59.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	56.3	52.8	49.4	50.8	51.9	52.8	53.5	51.8	50.0	48.1	46.2
85°	165.1	158.6	151.8	149.9	147.6	144.9	141.7	135.5	128.9	122.0	114.8
82.5°	291.0	283.9	276.0	270.5	264.3	257.4	249.4	237.4	225.2	212.9	200.6
80°	431.2	421.4	411.0	401.9	391.8	380.6	367.6	349.0	329.6	310.4	292.4
77.5°	589.2	575.2	560.0	544.7	528.4	511.4	492.4	468.9	445.2	420.4	395.3
75°	749.4	734.5	716.8	696.3	674.1	650.1	624.5	596.2	566.5	535.3	503.9
72.5°	904.7	888.9	870.8	849.0	823.5	795.3	763.8	729.1	692.6	654.4	617.0
70°	1056.2	1035.9	1017.8	999.1	975.2	946.2	909.0	867.3	823.4	779.2	735.9
67.5°	1202.0	1176.5	1158.7	1141.6	1119.8	1093.2	1054.6	1009.6	960.4	908.9	857.7
65°	1347.4	1318.8	1301.0	1285.3	1264.4	1237.7	1197.1	1151.4	1099.7	1042.2	982.7
62.5°	1499.3	1475.9	1456.3	1433.4	1408.6	1378.9	1338.0	1290.1	1237.7	1177.5	1108.4
60°	1641.0	1623.8	1593.2	1564.8	1539.7	1508.5	1460.0	1414.1	1371.4	1302.1	1227.7
57.5°	1751.5	1731.1	1702.7	1673.2	1642.9	1603.0	1559.6	1516.1	1466.5	1408.2	1339.1
55°	1843.1	1820.8	1794.2	1765.2	1732.4	1687.8	1643.0	1596.6	1548.7	1500.1	1432.7
52.5°	1943.9	1919.3	1888.0	1849.6	1811.9	1768.0	1717.8	1668.5	1623.8	1574.0	1518.7
50°	2063.4	2033.7	1997.8	1957.0	1906.4	1851.7	1799.1	1741.5	1694.7	1646.1	1589.9
47.5°	2224.5	2175.1	2122.0	2073.7	2011.3	1945.2	1884.6	1825.3	1769.9	1717.6	1660.1
45°	2466.3	2373.4	2273.3	2206.5	2127.3	2051.9	1974.0	1907.3	1843.8	1784.7	1730.9
42.5°	2813.3	2665.6	2529.0	2396.1	2269.1	2176.6	2079.7	1996.7	1919.9	1850.0	1786.8
40°	3314.8	3059.9	2871.9	2662.1	2491.6	2328.6	2204.8	2092.0	2003.1	1919.9	1843.2
37.5°	4071.8	3650.4	3337.8	3010.6	2773.0	2546.3	2355.4	2208.4	2087.8	1991.4	1902.1
35°	5243.2	4586.0	4000.1	3536.9	3116.4	2817.9	2551.1	2345.2	2190.7	2064.8	1960.5
32.5°	7073.9	6031.1	4967.5	4282.9	3633.6	3146.2	2803.2	2519.8	2300.9	2151.1	2025.8
30°	9921.2	8082.8	6518.0	5241.0	4350.5	3605.8	3083.8	2737.2	2457.3	2238.5	2091.9
27.5°	14054.1	10833.0	8643.8	6653.6	5216.6	4238.3	3490.4	2969.9	2621.8	2360.8	2167.8
25°	18878.4	15022.6	11273.8	8582.3	6466.3	4953.5	3965.1	3295.7	2825.4	2488.2	2234.5
22.5°	23963.0	19441.6	14948.5	10757.2	8016.5	5999.7	4578.1	3624.3	3017.6	2624.0	2331.5
20°	29007.9	23902.7	18783.8	13990.8	9903.9	7023.8	5244.9	4060.3	3286.0	2776.2	2423.4
17.5°	33644.4	28281.2	22672.6	17131.1	12228.5	8581.3	6090.0	4501.2	3520.1	2911.4	2503.0
15°	38035.2	32373.0	26456.8	20462.8	14713.0	9952.9	6810.2	4885.4	3763.6	3068.5	2607.1
12.5°	42011.6	36047.5	29822.3	23327.0	16918.8	11490.2	7770.8	5451.5	4062.7	3231.6	2705.4
10°	45482.5	39114.5	32481.9	25733.7	19050.8	13081.7	8678.9	5934.5	4321.8	3366.7	2785.7
7.5°	47975.4	41529.3	34594.9	27679.0	20785.1	14449.5	9451.0	6316.7	4525.3	3470.3	2847.6
5°	49808.4	43412.6	36356.4	29259.7	22072.4	15472.0	10027.5	6585.6	4670.8	3541.9	2890.6
2.5°	51065.7	44604.2	37535.3	30296.8	22819.5	16072.5	10394.8	6730.1	4739.6	3598.1	2914.3
0°	51423.3	44943.7	37832.4	30840.9	22934.7	16150.1	10541.7	6751.9	4737.2	3626.4	2918.6
-2.5°	51065.7	44604.2	37535.3	30296.8	22819.5	16072.5	10394.8	6730.1	4739.6	3598.1	2914.3
-5°	49808.4	43412.6	36356.4	29259.7	22072.4	15472.0	10027.5	6585.6	4670.8	3541.9	2890.6
-7.5°	47975.4	41529.3	34594.9	27679.0	20785.1	14449.5	9451.0	6316.7	4525.3	3470.3	2847.6
-10°	45482.5	39114.5	32481.9	25733.7	19050.8	13081.7	8678.9	5934.5	4321.8	3366.7	2785.7
-12.5°	42011.6	36047.5	29822.3	23327.0	16918.8	11490.2	7770.8	5451.5	4062.7	3231.6	2705.4
-15°	38035.2	32373.0	26456.8	20462.8	14713.0	9952.9	6810.2	4885.4	3763.6	3068.5	2607.1
-17.5°	33644.4	28281.2	22672.6	17131.1	12228.5	8581.3	6090.0	4501.2	3520.1	2911.4	2503.0
-20°	29007.9	23902.7	18783.8	13990.8	9903.9	7023.8	5244.9	4060.3	3286.0	2776.2	2423.4



REPORT NUMBER: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	23963.0	19441.6	14948.5	10757.2	8016.5	5999.7	4578.1	3624.3	3017.6	2624.0	2331.5
-25°	18878.4	15022.6	11273.8	8582.3	6466.3	4953.5	3965.1	3295.7	2825.4	2488.2	2234.5
-27.5°	14054.1	10833.0	8643.8	6653.6	5216.6	4238.3	3490.4	2969.9	2621.8	2360.8	2167.8
-30°	9921.2	8082.8	6518.0	5241.0	4350.5	3605.8	3083.8	2737.2	2457.3	2238.5	2091.9
-32.5°	7073.9	6031.1	4967.5	4282.9	3633.6	3146.2	2803.2	2519.8	2300.9	2151.1	2025.8
-35°	5243.2	4586.0	4000.1	3536.9	3116.4	2817.9	2551.1	2345.2	2190.7	2064.8	1960.5
-37.5°	4071.8	3650.4	3337.8	3010.6	2773.0	2546.3	2355.4	2208.4	2087.8	1991.4	1902.1
-40°	3314.8	3059.9	2871.9	2662.1	2491.6	2328.6	2204.8	2092.0	2003.1	1919.9	1843.2
-42.5°	2813.3	2665.6	2529.0	2396.1	2269.1	2176.6	2079.7	1996.7	1919.9	1850.0	1786.8
-45°	2466.3	2373.4	2273.3	2206.5	2127.3	2051.9	1974.0	1907.3	1843.8	1784.7	1730.9
-47.5°	2224.5	2175.1	2122.0	2073.7	2011.3	1945.2	1884.6	1825.3	1769.9	1717.6	1660.1
-50°	2063.4	2033.7	1997.8	1957.0	1906.4	1851.7	1799.1	1741.5	1694.7	1646.1	1589.9
-52.5°	1943.9	1919.3	1888.0	1849.6	1811.9	1768.0	1717.8	1668.5	1623.8	1574.0	1518.7
-55°	1843.1	1820.8	1794.2	1765.2	1732.4	1687.8	1643.0	1596.6	1548.7	1500.1	1432.7
-57.5°	1751.5	1731.1	1702.7	1673.2	1642.9	1603.0	1559.6	1516.1	1466.5	1408.2	1339.1
-60°	1641.0	1623.8	1593.2	1564.8	1539.7	1508.5	1460.0	1414.1	1371.4	1302.1	1227.7
-62.5°	1499.3	1475.9	1456.3	1433.4	1408.6	1378.9	1338.0	1290.1	1237.7	1177.5	1108.4
-65°	1347.4	1318.8	1301.0	1285.3	1264.4	1237.7	1197.1	1151.4	1099.7	1042.2	982.7
-67.5°	1202.0	1176.5	1158.7	1141.6	1119.8	1093.2	1054.6	1009.6	960.4	908.9	857.7
-70°	1056.2	1035.9	1017.8	999.1	975.2	946.2	909.0	867.3	823.4	779.2	735.9
-72.5°	904.7	888.9	870.8	849.0	823.5	795.3	763.8	729.1	692.6	654.4	617.0
-75°	749.4	734.5	716.8	696.3	674.1	650.1	624.5	596.2	566.5	535.3	503.9
-77.5°	589.2	575.2	560.0	544.7	528.4	511.4	492.4	468.9	445.2	420.4	395.3
-80°	431.2	421.4	411.0	401.9	391.8	380.6	367.6	349.0	329.6	310.4	292.4
-82.5°	291.0	283.9	276.0	270.5	264.3	257.4	249.4	237.4	225.2	212.9	200.6
-85°	165.1	158.6	151.8	149.9	147.6	144.9	141.7	135.5	128.9	122.0	114.8
-87.5°	56.3	52.8	49.4	50.8	51.9	52.8	53.5	51.8	50.0	48.1	46.2
-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: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	44.1	42.0	39.7	37.4	35.1	32.6	30.1	27.6	23.9	20.5	17.2
85°	107.3	99.4	91.2	82.8	73.9	65.2	60.2	55.1	47.8	40.9	34.3
82.5°	188.2	176.1	163.9	151.1	136.4	122.0	107.9	94.0	78.6	62.4	51.3
80°	275.9	258.7	240.9	222.2	200.9	178.4	158.7	139.6	120.9	101.1	80.1
77.5°	371.2	346.1	320.2	296.4	271.7	245.4	217.4	188.3	163.0	139.6	114.6
75°	472.9	442.5	411.3	379.1	345.9	312.3	280.2	246.7	213.0	178.6	149.0
72.5°	580.7	543.1	504.1	464.1	425.5	385.8	345.2	304.5	265.3	225.4	184.8
70°	691.5	645.5	600.1	555.0	507.8	458.9	412.6	364.8	317.0	271.5	225.4
67.5°	804.7	752.9	699.3	646.2	593.8	538.8	480.6	424.7	370.4	317.0	265.3
65°	923.6	862.4	799.5	739.3	679.2	619.0	555.5	485.9	422.6	362.9	304.5
62.5°	1040.6	973.7	903.2	831.4	763.2	696.4	628.9	551.5	475.1	407.7	343.2
60°	1154.0	1079.0	1003.1	923.8	846.0	771.4	696.4	615.4	532.0	451.3	380.9
57.5°	1258.0	1179.2	1094.5	1010.9	927.2	844.5	761.6	675.6	587.4	498.7	417.6
55°	1355.7	1269.9	1181.3	1091.1	1003.2	915.2	825.1	733.5	640.6	545.9	453.5
52.5°	1447.3	1357.7	1263.7	1167.9	1072.8	981.9	886.9	789.7	691.2	591.4	493.0
50°	1527.4	1443.2	1343.8	1242.5	1139.5	1043.4	946.8	844.1	740.1	635.0	531.5
47.5°	1594.7	1517.3	1421.3	1314.6	1206.3	1103.7	1002.9	896.6	787.3	676.9	568.4
45°	1660.4	1585.9	1493.0	1384.1	1272.3	1163.8	1057.0	947.1	832.7	717.5	603.7
42.5°	1722.1	1647.6	1560.9	1450.9	1335.4	1221.7	1109.4	994.9	876.2	755.9	637.3
40°	1774.6	1701.7	1624.8	1515.1	1394.9	1276.3	1159.3	1040.9	917.7	792.6	669.0
37.5°	1825.8	1751.0	1671.8	1575.5	1450.7	1327.5	1206.1	1085.1	957.8	828.1	698.9
35°	1875.3	1798.0	1714.0	1622.4	1502.6	1375.3	1249.8	1126.3	995.3	861.9	726.9
32.5°	1919.6	1840.1	1752.8	1660.4	1550.4	1419.4	1290.3	1162.5	1030.2	893.9	752.9
30°	1972.3	1875.5	1787.9	1697.7	1591.3	1459.8	1327.7	1196.3	1062.4	924.1	777.4
27.5°	2022.7	1909.5	1819.2	1728.8	1623.4	1496.5	1362.4	1227.6	1091.7	951.6	801.5
25°	2071.4	1948.4	1848.2	1754.8	1654.2	1531.6	1394.1	1256.2	1117.6	975.6	823.8
22.5°	2127.4	1984.0	1875.4	1777.3	1683.6	1563.3	1422.9	1282.1	1140.7	997.1	844.2
20°	2177.4	2013.3	1900.5	1798.6	1705.7	1587.3	1448.6	1305.2	1161.3	1016.0	862.7
17.5°	2226.0	2046.7	1925.0	1819.0	1722.2	1608.2	1471.2	1325.4	1179.3	1032.5	879.0
15°	2293.6	2084.8	1946.3	1836.4	1736.2	1626.1	1490.5	1342.7	1194.8	1046.5	893.8
12.5°	2351.5	2116.8	1963.9	1850.7	1747.6	1640.9	1506.5	1357.1	1207.5	1058.9	906.8
10°	2398.5	2142.3	1977.6	1861.8	1756.3	1652.5	1519.2	1369.2	1219.5	1069.7	917.5
7.5°	2434.3	2161.3	1987.4	1869.6	1762.3	1661.0	1530.9	1380.0	1229.1	1078.1	925.8
5°	2458.6	2173.7	1995.6	1874.1	1765.7	1666.1	1539.5	1387.7	1236.0	1084.2	931.8
2.5°	2471.2	2179.3	2001.7	1875.3	1766.3	1667.8	1544.7	1392.4	1240.1	1087.8	935.4
0°	2472.1	2178.0	2003.8	1873.1	1764.2	1666.2	1546.4	1393.9	1241.5	1089.0	936.6
-2.5°	2471.2	2179.3	2001.7	1875.3	1766.3	1667.8	1544.7	1392.4	1240.1	1087.8	935.4
-5°	2458.6	2173.7	1995.6	1874.1	1765.7	1666.1	1539.5	1387.7	1236.0	1084.2	931.8
-7.5°	2434.3	2161.3	1987.4	1869.6	1762.3	1661.0	1530.9	1380.0	1229.1	1078.1	925.8
-10°	2398.5	2142.3	1977.6	1861.8	1756.3	1652.5	1519.2	1369.2	1219.5	1069.7	917.5
-12.5°	2351.5	2116.8	1963.9	1850.7	1747.6	1640.9	1506.5	1357.1	1207.5	1058.9	906.8
-15°	2293.6	2084.8	1946.3	1836.4	1736.2	1626.1	1490.5	1342.7	1194.8	1046.5	893.8
-17.5°	2226.0	2046.7	1925.0	1819.0	1722.2	1608.2	1471.2	1325.4	1179.3	1032.5	879.0
-20°	2177.4	2013.3	1900.5	1798.6	1705.7	1587.3	1448.6	1305.2	1161.3	1016.0	862.7

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

Scaled Data Report



REPORT NUMBER: P628017 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2127.4	1984.0	1875.4	1777.3	1683.6	1563.3	1422.9	1282.1	1140.7	997.1	844.2
-25°	2071.4	1948.4	1848.2	1754.8	1654.2	1531.6	1394.1	1256.2	1117.6	975.6	823.8
-27.5°	2022.7	1909.5	1819.2	1728.8	1623.4	1496.5	1362.4	1227.6	1091.7	951.6	801.5
-30°	1972.3	1875.5	1787.9	1697.7	1591.3	1459.8	1327.7	1196.3	1062.4	924.1	777.4
-32.5°	1919.6	1840.1	1752.8	1660.4	1550.4	1419.4	1290.3	1162.5	1030.2	893.9	752.9
-35°	1875.3	1798.0	1714.0	1622.4	1502.6	1375.3	1249.8	1126.3	995.3	861.9	726.9
-37.5°	1825.8	1751.0	1671.8	1575.5	1450.7	1327.5	1206.1	1085.1	957.8	828.1	698.9
-40°	1774.6	1701.7	1624.8	1515.1	1394.9	1276.3	1159.3	1040.9	917.7	792.6	669.0
-42.5°	1722.1	1647.6	1560.9	1450.9	1335.4	1221.7	1109.4	994.9	876.2	755.9	637.3
-45°	1660.4	1585.9	1493.0	1384.1	1272.3	1163.8	1057.0	947.1	832.7	717.5	603.7
-47.5°	1594.7	1517.3	1421.3	1314.6	1206.3	1103.7	1002.9	896.6	787.3	676.9	568.4
-50°	1527.4	1443.2	1343.8	1242.5	1139.5	1043.4	946.8	844.1	740.1	635.0	531.5
-52.5°	1447.3	1357.7	1263.7	1167.9	1072.8	981.9	886.9	789.7	691.2	591.4	493.0
-55°	1355.7	1269.9	1181.3	1091.1	1003.2	915.2	825.1	733.5	640.6	545.9	453.5
-57.5°	1258.0	1179.2	1094.5	1010.9	927.2	844.5	761.6	675.6	587.4	498.7	417.6
-60°	1154.0	1079.0	1003.1	923.8	846.0	771.4	696.4	615.4	532.0	451.3	380.9
-62.5°	1040.6	973.7	903.2	831.4	763.2	696.4	628.9	551.5	475.1	407.7	343.2
-65°	923.6	862.4	799.5	739.3	679.2	619.0	555.5	485.9	422.6	362.9	304.5
-67.5°	804.7	752.9	699.3	646.2	593.8	538.8	480.6	424.7	370.4	317.0	265.3
-70°	691.5	645.5	600.1	555.0	507.8	458.9	412.6	364.8	317.0	271.5	225.4
-72.5°	580.7	543.1	504.1	464.1	425.5	385.8	345.2	304.5	265.3	225.4	184.8
-75°	472.9	442.5	411.3	379.1	345.9	312.3	280.2	246.7	213.0	178.6	149.0
-77.5°	371.2	346.1	320.2	296.4	271.7	245.4	217.4	188.3	163.0	139.6	114.6
-80°	275.9	258.7	240.9	222.2	200.9	178.4	158.7	139.6	120.9	101.1	80.1
-82.5°	188.2	176.1	163.9	151.1	136.4	122.0	107.9	94.0	78.6	62.4	51.3
-85°	107.3	99.4	91.2	82.8	73.9	65.2	60.2	55.1	47.8	40.9	34.3
-87.5°	44.1	42.0	39.7	37.4	35.1	32.6	30.1	27.6	23.9	20.5	17.2
-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):

	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°	14.1	11.8	9.5	7.1	4.7	2.4	0.0
85°	28.2	23.6	18.9	14.2	9.5	4.7	0.0
82.5°	42.2	35.3	28.3	21.3	14.2	7.1	0.0
80°	58.1	47.0	37.7	28.3	18.9	9.5	0.0
77.5°	88.6	63.4	47.0	35.3	23.6	11.8	0.0
75°	118.7	88.6	58.1	42.2	28.2	14.1	0.0
72.5°	148.5	113.5	78.1	49.0	32.7	16.4	0.0
70°	178.6	138.1	97.8	57.3	37.2	18.6	0.0
67.5°	212.6	162.3	117.2	71.9	41.7	20.9	0.0
65°	245.9	187.9	136.3	86.2	46.0	23.0	0.0
62.5°	278.4	214.6	155.0	100.2	50.3	25.2	0.0
60°	310.1	240.7	173.3	114.0	54.4	27.2	0.0
57.5°	341.8	266.0	193.2	127.4	63.2	29.3	0.0
55°	372.9	290.5	212.6	140.4	71.7	31.3	0.0
52.5°	403.2	314.5	231.4	153.0	79.9	33.2	0.0
50°	432.8	339.3	249.5	165.2	87.9	35.0	0.0
47.5°	461.9	363.3	266.8	177.3	95.4	36.8	0.0
45°	492.0	386.5	283.4	189.7	102.7	38.5	0.0
42.5°	520.7	408.8	299.2	201.5	109.5	40.2	0.0
40°	547.9	430.2	315.2	212.5	116.1	41.7	0.0
37.5°	573.6	450.7	331.5	222.6	122.2	43.2	0.0
35°	597.6	470.6	346.9	232.2	127.9	44.6	0.0
32.5°	620.0	489.4	361.4	241.1	133.2	46.0	0.0
30°	640.8	506.8	375.0	249.4	138.1	47.2	0.0
27.5°	659.8	522.9	387.1	257.1	142.6	48.3	0.0
25°	677.1	537.6	398.1	264.0	146.7	49.4	0.0
22.5°	692.6	550.6	408.1	270.3	150.3	50.3	0.0
20°	706.4	561.7	416.9	275.9	153.5	51.2	0.0
17.5°	718.8	571.4	424.6	280.7	156.2	52.0	0.0
15°	730.0	579.7	431.2	284.8	158.6	52.6	0.0
12.5°	739.6	586.6	436.7	288.2	160.5	53.2	0.0
10°	747.6	592.0	441.0	290.9	161.9	53.7	0.0
7.5°	754.0	596.0	444.1	292.8	162.9	54.0	0.0
5°	758.6	598.4	446.1	293.9	163.5	54.3	0.0
2.5°	761.4	599.5	446.9	294.3	163.7	54.4	0.0
0°	762.3	599.0	446.5	294.0	163.4	54.5	0.0
-2.5°	761.4	599.5	446.9	294.3	163.7	54.4	0.0
-5°	758.6	598.4	446.1	293.9	163.5	54.3	0.0
-7.5°	754.0	596.0	444.1	292.8	162.9	54.0	0.0
-10°	747.6	592.0	441.0	290.9	161.9	53.7	0.0
-12.5°	739.6	586.6	436.7	288.2	160.5	53.2	0.0
-15°	730.0	579.7	431.2	284.8	158.6	52.6	0.0
-17.5°	718.8	571.4	424.6	280.7	156.2	52.0	0.0
-20°	706.4	561.7	416.9	275.9	153.5	51.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	692.6	550.6	408.1	270.3	150.3	50.3	0.0
-25°	677.1	537.6	398.1	264.0	146.7	49.4	0.0
-27.5°	659.8	522.9	387.1	257.1	142.6	48.3	0.0
-30°	640.8	506.8	375.0	249.4	138.1	47.2	0.0
-32.5°	620.0	489.4	361.4	241.1	133.2	46.0	0.0
-35°	597.6	470.6	346.9	232.2	127.9	44.6	0.0
-37.5°	573.6	450.7	331.5	222.6	122.2	43.2	0.0
-40°	547.9	430.2	315.2	212.5	116.1	41.7	0.0
-42.5°	520.7	408.8	299.2	201.5	109.5	40.2	0.0
-45°	492.0	386.5	283.4	189.7	102.7	38.5	0.0
-47.5°	461.9	363.3	266.8	177.3	95.4	36.8	0.0
-50°	432.8	339.3	249.5	165.2	87.9	35.0	0.0
-52.5°	403.2	314.5	231.4	153.0	79.9	33.2	0.0
-55°	372.9	290.5	212.6	140.4	71.7	31.3	0.0
-57.5°	341.8	266.0	193.2	127.4	63.2	29.3	0.0
-60°	310.1	240.7	173.3	114.0	54.4	27.2	0.0
-62.5°	278.4	214.6	155.0	100.2	50.3	25.2	0.0
-65°	245.9	187.9	136.3	86.2	46.0	23.0	0.0
-67.5°	212.6	162.3	117.2	71.9	41.7	20.9	0.0
-70°	178.6	138.1	97.8	57.3	37.2	18.6	0.0
-72.5°	148.5	113.5	78.1	49.0	32.7	16.4	0.0
-75°	118.7	88.6	58.1	42.2	28.2	14.1	0.0
-77.5°	88.6	63.4	47.0	35.3	23.6	11.8	0.0
-80°	58.1	47.0	37.7	28.3	18.9	9.5	0.0
-82.5°	42.2	35.3	28.3	21.3	14.2	7.1	0.0
-85°	28.2	23.6	18.9	14.2	9.5	4.7	0.0
-87.5°	14.1	11.8	9.5	7.1	4.7	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)