

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: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-727-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627915 (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-727-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N136
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

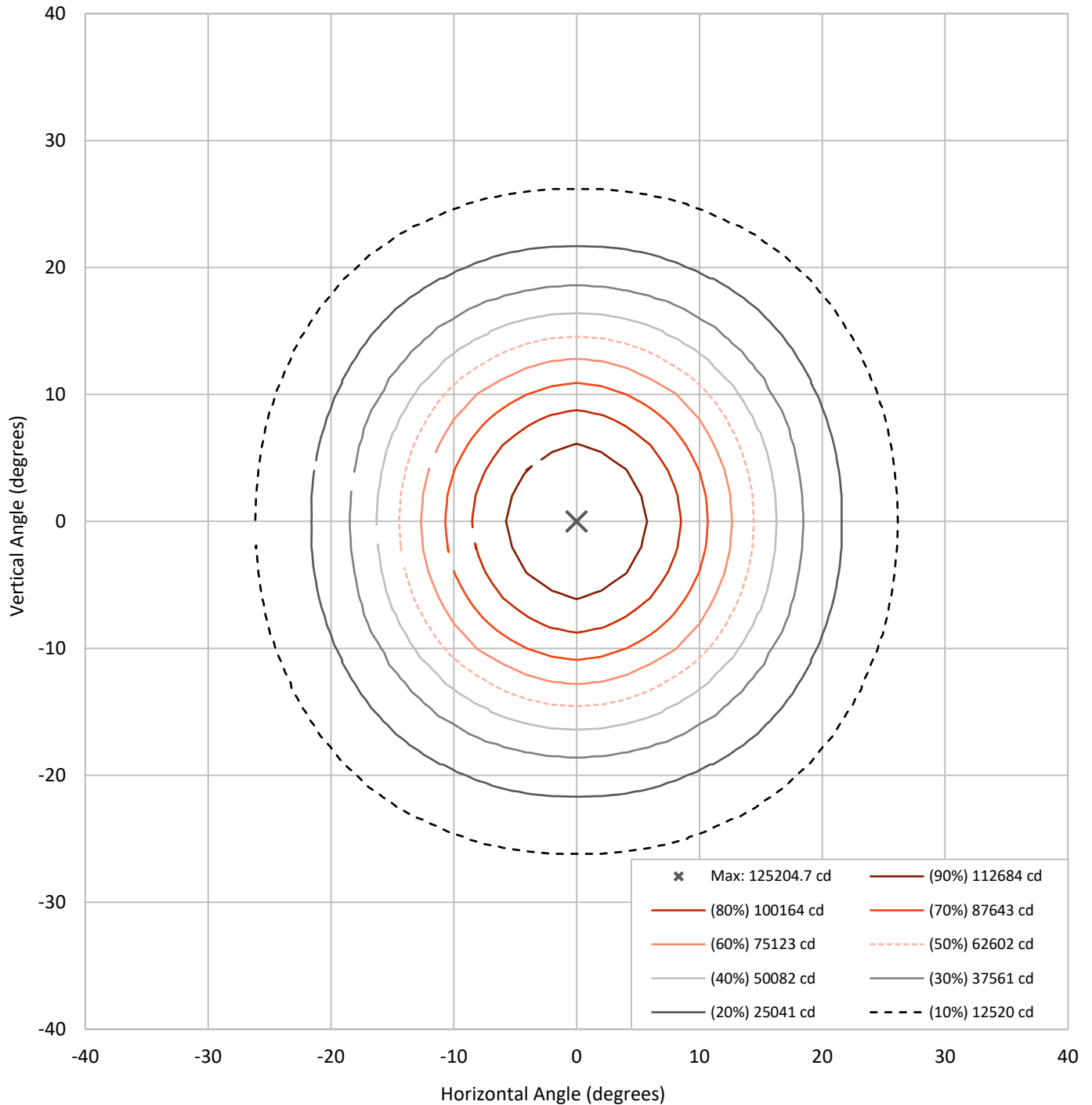
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	39118.2 lumens	Max Intensity:	125204.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	19018.8 lumens	Field Lumens:	32095.9 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





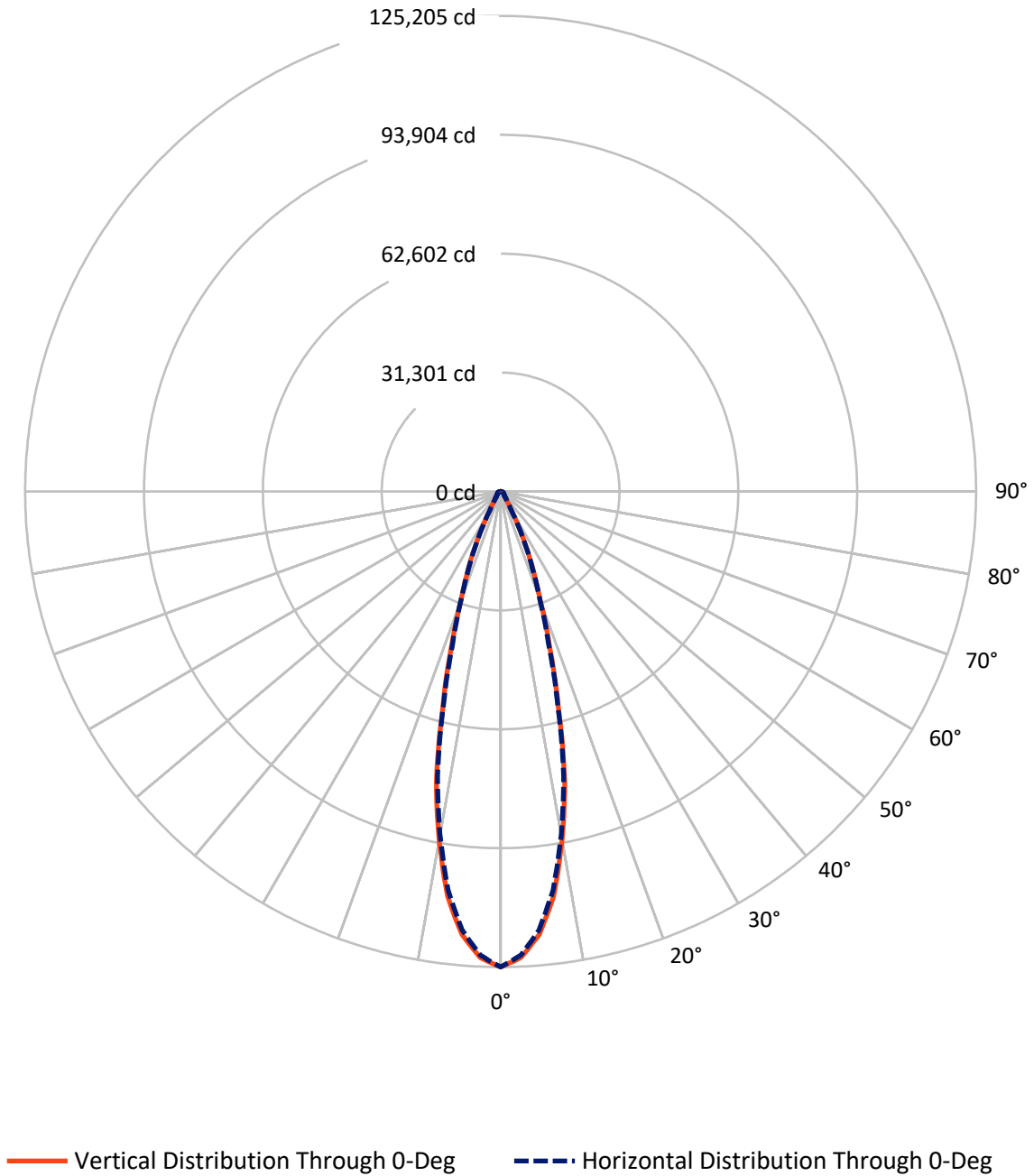
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Lumen Table

90	0.7		6.5		17.0		26.8		29.8		26.8		17.0		6.5		0.7		
80	0.7		6.5		17.0		26.8		29.8		26.8		17.0		6.5		0.7		
70	2.9	3.4	6.8	11.1	15.5	18.9	21.1	22.2	22.2	21.1	18.9	15.5	11.1	6.8	3.4	2.9			
60		5.0	10.1	16.3	21.9	26.9	30.2	31.3	31.3	30.2	26.9	21.9	16.3	10.1	5.0				
50	5.2	6.4	13.0	20.1	26.8	33.9	39.8	42.8	42.8	39.8	33.9	26.8	20.1	13.0	6.4	5.2			
40		7.6	15.2	23.3	32.8	46.8	67.8	88.1	88.1	67.8	46.8	32.8	23.3	15.2	7.6				
30	6.6	8.5	16.6	26.2	42.1	91.5	257.5	456.6	456.6	257.5	91.5	42.1	26.2	16.6	8.5	6.6			
20		9.1	17.5	28.5	57.3	240.1	855.7	1639.7	1639.7	855.7	240.1	57.3	28.5	17.5	9.1				
10	7.1	9.4	17.8	29.9	72.8	414.4	1583.8	3115.4	3115.4	1583.8	414.4	72.8	29.9	17.8	9.4	7.1			
0		9.4	17.8	29.9	72.8	414.4	1583.8	3115.4	3115.4	1583.8	414.4	72.8	29.9	17.8	9.4				
-10	6.6	9.1	17.5	28.5	57.3	240.1	855.7	1639.7	1639.7	855.7	240.1	57.3	28.5	17.5	9.1	6.6			
-20		8.5	16.6	26.2	42.1	91.5	257.5	456.6	456.6	257.5	91.5	42.1	26.2	16.6	8.5				
-30	5.2	7.6	15.2	23.3	32.8	46.8	67.8	88.1	88.1	67.8	46.8	32.8	23.3	15.2	7.6	5.2			
-40		6.4	13.0	20.1	26.8	33.9	39.8	42.8	42.8	39.8	33.9	26.8	20.1	13.0	6.4				
-50	2.9	5.0	10.1	16.3	21.9	26.9	30.2	31.3	31.3	30.2	26.9	21.9	16.3	10.1	5.0	2.9			
-60		3.4	6.8	11.1	15.5	18.9	21.1	22.2	22.2	21.1	18.9	15.5	11.1	6.8	3.4				
-70	0.7	6.5		17.0		26.8		29.8		26.8		17.0		6.5		0.7			
-80		6.5		17.0		26.8		29.8		26.8		17.0		6.5					
-90	0.7		6.5		17.0		26.8		29.8		26.8		17.0		6.5		0.7		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

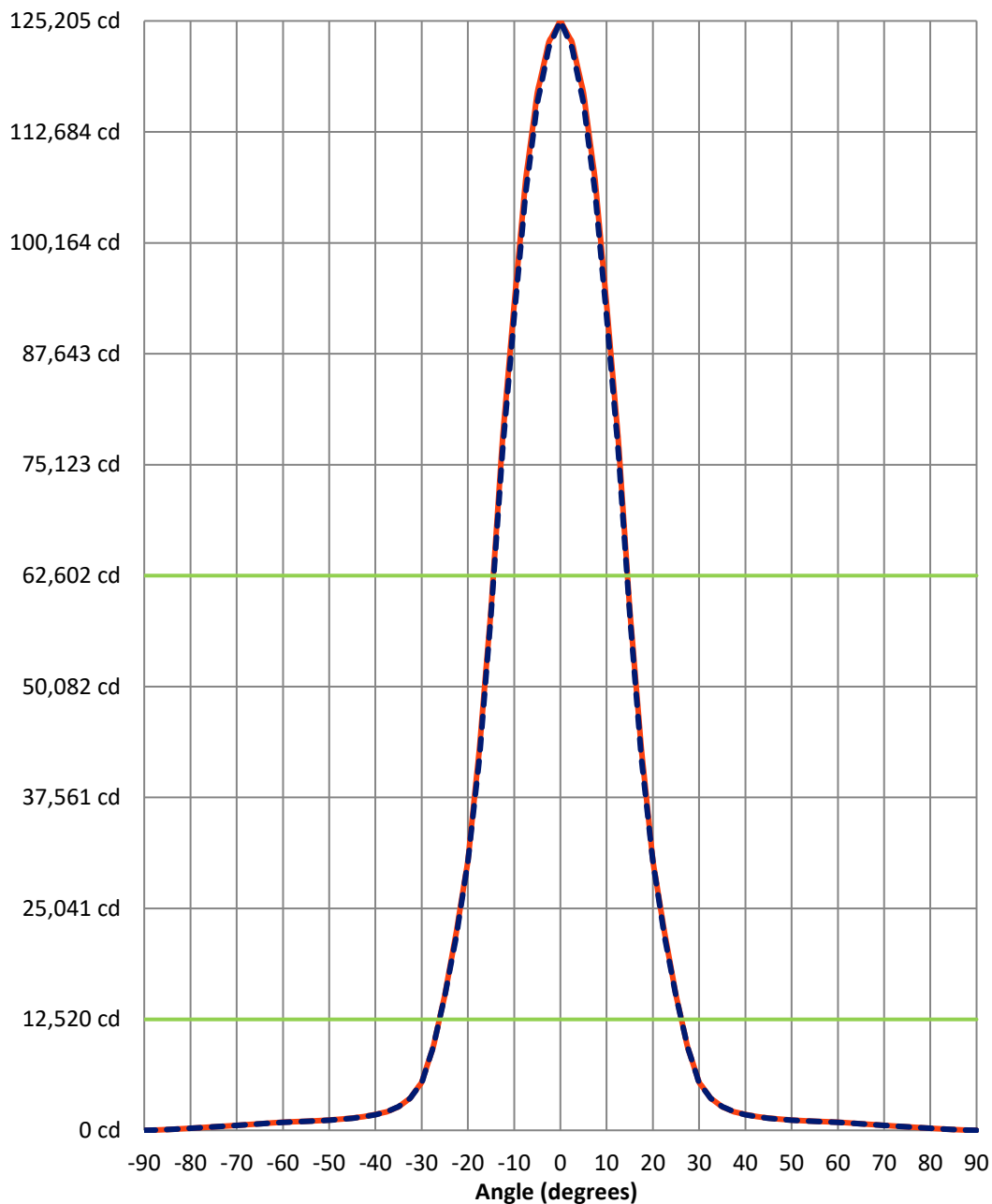
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 19018.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 32095.9
 Efficiency: 82.0%

Spill:
 Lumens: 7022.3
 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	1.4	2.8	4.2	5.6	6.9	8.3	9.6	11.0	12.3	13.6
85°	0.0	2.8	5.6	8.4	11.1	13.9	16.6	19.3	21.9	24.5	27.1
82.5°	0.0	4.2	8.4	12.5	16.7	20.8	24.9	28.9	33.5	41.1	49.1
80°	0.0	5.6	11.1	16.7	22.2	27.7	33.8	43.6	53.8	64.6	75.9
77.5°	0.0	6.9	13.9	20.8	27.7	36.3	48.1	60.7	74.0	87.9	103.2
75°	0.0	8.3	16.6	24.9	33.8	48.1	62.3	77.5	94.2	113.7	132.9
72.5°	0.0	9.6	19.3	28.9	43.2	59.8	76.3	95.2	117.8	140.2	162.2
70°	0.0	11.0	21.9	33.4	52.5	71.4	90.7	115.7	141.2	166.4	193.8
67.5°	0.0	12.3	24.5	40.3	61.6	82.8	108.2	135.9	164.3	195.1	225.5
65°	0.0	13.6	27.1	47.0	70.6	95.6	125.4	155.7	189.4	223.3	257.4
62.5°	0.0	14.8	29.6	53.6	79.4	109.7	142.3	176.7	214.0	251.3	290.4
60°	0.0	16.0	32.1	60.1	88.0	123.5	158.8	197.8	238.2	279.6	322.3
57.5°	0.0	17.2	36.2	66.4	98.6	136.9	176.2	218.5	262.1	307.0	353.9
55°	0.0	18.4	40.3	72.5	109.1	150.0	193.2	238.5	285.3	333.8	385.0
52.5°	0.0	19.5	44.3	78.4	119.3	162.9	209.5	258.0	307.6	361.0	415.1
50°	0.0	20.6	48.1	84.2	129.1	175.8	225.2	276.8	329.5	387.2	443.0
47.5°	0.0	21.7	51.8	90.1	138.6	188.2	240.3	294.9	351.9	412.5	469.4
45°	0.0	22.7	55.4	97.0	147.8	200.1	255.2	312.3	373.6	434.8	494.3
42.5°	0.0	23.7	58.8	103.5	156.5	211.3	269.5	329.7	394.2	455.8	517.3
40°	0.0	24.6	62.0	109.7	164.9	221.9	283.1	346.6	413.0	475.5	539.0
37.5°	0.0	25.5	65.1	115.4	173.0	231.9	295.9	362.5	429.8	494.4	559.5
35°	0.0	26.3	68.0	120.8	180.5	241.7	308.1	377.2	445.5	512.3	578.7
32.5°	0.0	27.1	70.7	125.8	187.5	251.2	319.6	390.8	460.3	529.0	597.4
30°	0.0	27.8	73.3	130.3	194.0	260.0	330.5	403.2	474.0	544.5	614.8
27.5°	0.0	28.5	75.7	134.5	199.8	268.1	340.4	414.2	486.6	558.8	630.9
25°	0.0	29.1	77.8	138.2	205.3	275.5	349.4	424.2	498.1	571.9	645.5
22.5°	0.0	29.7	79.8	141.5	210.3	282.3	357.4	433.2	508.5	583.6	660.2
20°	0.0	30.2	81.6	144.4	214.9	288.1	364.4	441.1	517.6	594.0	673.2
17.5°	0.0	30.6	83.2	146.8	219.0	293.1	370.8	448.0	525.6	603.1	684.6
15°	0.0	31.0	84.6	148.9	222.6	297.2	376.7	454.4	532.3	610.8	694.3
12.5°	0.0	31.3	85.7	150.5	225.7	300.6	381.7	460.4	538.6	617.0	702.2
10°	0.0	31.6	86.7	151.8	228.3	303.1	386.0	465.4	544.3	624.5	709.6
7.5°	0.0	31.8	87.4	152.6	230.4	304.8	389.3	469.2	548.8	631.2	717.7
5°	0.0	32.0	88.0	153.0	231.9	305.7	391.8	472.0	552.0	636.5	724.0
2.5°	0.0	32.1	88.3	153.0	232.8	305.9	393.3	473.6	553.9	640.5	728.5
0°	0.0	32.1	88.4	152.7	233.1	305.4	393.8	474.2	554.5	642.9	731.3
-2.5°	0.0	32.1	88.3	153.0	232.8	305.9	393.3	473.6	553.9	640.5	728.5
-5°	0.0	32.0	88.0	153.0	231.9	305.7	391.8	472.0	552.0	636.5	724.0
-7.5°	0.0	31.8	87.4	152.6	230.4	304.8	389.3	469.2	548.8	631.2	717.7
-10°	0.0	31.6	86.7	151.8	228.3	303.1	386.0	465.4	544.3	624.5	709.6
-12.5°	0.0	31.3	85.7	150.5	225.7	300.6	381.7	460.4	538.6	617.0	702.2
-15°	0.0	31.0	84.6	148.9	222.6	297.2	376.7	454.4	532.3	610.8	694.3
-17.5°	0.0	30.6	83.2	146.8	219.0	293.1	370.8	448.0	525.6	603.1	684.6
-20°	0.0	30.2	81.6	144.4	214.9	288.1	364.4	441.1	517.6	594.0	673.2

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.7	79.8	141.5	210.3	282.3	357.4	433.2	508.5	583.6	660.2
-25°	0.0	29.1	77.8	138.2	205.3	275.5	349.4	424.2	498.1	571.9	645.5
-27.5°	0.0	28.5	75.7	134.5	199.8	268.1	340.4	414.2	486.6	558.8	630.9
-30°	0.0	27.8	73.3	130.3	194.0	260.0	330.5	403.2	474.0	544.5	614.8
-32.5°	0.0	27.1	70.7	125.8	187.5	251.2	319.6	390.8	460.3	529.0	597.4
-35°	0.0	26.3	68.0	120.8	180.5	241.7	308.1	377.2	445.5	512.3	578.7
-37.5°	0.0	25.5	65.1	115.4	173.0	231.9	295.9	362.5	429.8	494.4	559.5
-40°	0.0	24.6	62.0	109.7	164.9	221.9	283.1	346.6	413.0	475.5	539.0
-42.5°	0.0	23.7	58.8	103.5	156.5	211.3	269.5	329.7	394.2	455.8	517.3
-45°	0.0	22.7	55.4	97.0	147.8	200.1	255.2	312.3	373.6	434.8	494.3
-47.5°	0.0	21.7	51.8	90.1	138.6	188.2	240.3	294.9	351.9	412.5	469.4
-50°	0.0	20.6	48.1	84.2	129.1	175.8	225.2	276.8	329.5	387.2	443.0
-52.5°	0.0	19.5	44.3	78.4	119.3	162.9	209.5	258.0	307.6	361.0	415.1
-55°	0.0	18.4	40.3	72.5	109.1	150.0	193.2	238.5	285.3	333.8	385.0
-57.5°	0.0	17.2	36.2	66.4	98.6	136.9	176.2	218.5	262.1	307.0	353.9
-60°	0.0	16.0	32.1	60.1	88.0	123.5	158.8	197.8	238.2	279.6	322.3
-62.5°	0.0	14.8	29.6	53.6	79.4	109.7	142.3	176.7	214.0	251.3	290.4
-65°	0.0	13.6	27.1	47.0	70.6	95.6	125.4	155.7	189.4	223.3	257.4
-67.5°	0.0	12.3	24.5	40.3	61.6	82.8	108.2	135.9	164.3	195.1	225.5
-70°	0.0	11.0	21.9	33.4	52.5	71.4	90.7	115.7	141.2	166.4	193.8
-72.5°	0.0	9.6	19.3	28.9	43.2	59.8	76.3	95.2	117.8	140.2	162.2
-75°	0.0	8.3	16.6	24.9	33.8	48.1	62.3	77.5	94.2	113.7	132.9
-77.5°	0.0	6.9	13.9	20.8	27.7	36.3	48.1	60.7	74.0	87.9	103.2
-80°	0.0	5.6	11.1	16.7	22.2	27.7	33.8	43.6	53.8	64.6	75.9
-82.5°	0.0	4.2	8.4	12.5	16.7	20.8	24.9	28.9	33.5	41.1	49.1
-85°	0.0	2.8	5.6	8.4	11.1	13.9	16.6	19.3	21.9	24.5	27.1
-87.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	9.6	11.0	12.3	13.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.8	16.0	17.2	18.4	19.5	20.6	21.7	22.7	23.7	24.6	25.5
85°	29.6	32.1	36.8	41.5	46.0	50.4	54.6	58.7	62.6	66.3	69.8
82.5°	56.7	64.0	71.2	78.2	85.0	91.6	97.9	104.0	109.8	115.4	120.7
80°	86.1	95.9	105.8	114.9	123.9	132.6	141.1	149.2	157.0	165.3	174.2
77.5°	117.2	129.8	141.3	151.7	163.0	176.7	189.9	202.6	214.8	226.4	237.5
75°	149.4	163.7	179.3	194.8	211.0	227.5	243.4	258.8	273.8	289.1	304.4
72.5°	183.1	202.6	221.5	239.9	260.3	280.2	298.6	315.3	334.2	355.0	374.1
70°	218.9	241.4	265.2	288.9	311.9	334.2	356.9	379.7	402.8	425.2	446.6
67.5°	254.8	283.1	310.7	337.5	363.7	390.3	417.3	444.9	471.5	496.9	521.6
65°	293.2	324.8	355.6	385.6	414.8	447.3	479.3	510.1	543.7	575.0	602.1
62.5°	330.5	365.8	399.9	433.9	469.4	505.4	542.3	581.0	621.1	650.0	674.9
60°	366.3	406.2	444.2	483.2	522.7	563.3	605.8	647.1	683.7	715.2	741.4
57.5°	401.4	446.0	488.1	530.5	573.6	619.8	666.6	708.7	742.8	773.2	801.9
55°	435.3	484.8	529.6	574.6	623.7	677.8	725.7	763.8	798.6	823.8	851.3
52.5°	467.6	520.6	567.4	617.8	674.0	730.1	777.8	814.7	844.0	870.1	896.9
50°	498.5	551.7	603.7	661.0	720.4	776.7	825.0	858.9	888.4	915.5	941.3
47.5°	526.5	581.7	640.5	701.8	763.9	819.5	865.7	900.4	930.9	958.8	987.2
45°	552.8	612.3	674.7	741.9	805.5	860.6	902.7	939.9	969.2	1000.6	1036.2
42.5°	578.0	641.6	709.4	781.0	845.9	896.3	937.1	972.8	1006.7	1044.4	1084.0
40°	602.8	669.0	742.4	817.6	883.6	927.4	968.3	1006.1	1045.1	1087.9	1131.1
37.5°	626.0	697.0	773.2	851.7	911.5	956.9	999.1	1041.3	1085.1	1131.1	1184.8
35°	647.2	722.8	802.7	878.5	935.9	985.5	1030.7	1076.5	1125.5	1181.8	1241.0
32.5°	667.9	746.3	830.1	901.2	958.3	1011.2	1061.1	1112.9	1169.0	1230.9	1298.7
30°	688.2	769.2	854.1	924.4	978.2	1032.3	1090.9	1148.5	1210.9	1279.7	1359.2
27.5°	708.0	790.5	874.2	942.5	995.7	1050.8	1113.6	1183.6	1251.8	1327.1	1419.3
25°	726.0	812.4	894.0	957.0	1010.8	1068.4	1134.0	1208.6	1288.8	1378.3	1491.3
22.5°	743.1	832.1	912.8	969.2	1023.3	1083.8	1154.4	1233.2	1320.5	1424.2	1562.2
20°	759.1	847.5	925.3	980.6	1033.6	1096.2	1172.0	1255.0	1354.7	1480.4	1645.4
17.5°	773.1	860.6	933.9	989.7	1044.5	1108.8	1187.1	1273.5	1385.5	1530.0	1725.3
15°	785.0	871.2	941.4	996.9	1053.8	1121.9	1202.5	1296.6	1419.3	1578.5	1794.2
12.5°	794.8	879.6	947.6	1002.0	1061.0	1131.6	1215.6	1318.9	1453.0	1631.5	1887.2
10°	802.5	885.6	952.5	1005.2	1066.0	1138.1	1225.9	1336.3	1480.3	1675.7	1966.8
7.5°	810.1	891.0	956.0	1006.5	1069.0	1141.3	1233.1	1348.6	1500.3	1709.0	2030.3
5°	815.5	896.1	958.1	1009.5	1070.8	1142.7	1238.0	1355.7	1512.8	1730.9	2075.2
2.5°	818.7	899.1	958.1	1011.8	1071.0	1143.3	1243.7	1359.7	1526.6	1749.4	2100.8
0°	819.7	900.1	956.4	1012.6	1068.9	1141.2	1245.7	1358.2	1535.0	1760.1	2105.6
-2.5°	818.7	899.1	958.1	1011.8	1071.0	1143.3	1243.7	1359.7	1526.6	1749.4	2100.8
-5°	815.5	896.1	958.1	1009.5	1070.8	1142.7	1238.0	1355.7	1512.8	1730.9	2075.2
-7.5°	810.1	891.0	956.0	1006.5	1069.0	1141.3	1233.1	1348.6	1500.3	1709.0	2030.3
-10°	802.5	885.6	952.5	1005.2	1066.0	1138.1	1225.9	1336.3	1480.3	1675.7	1966.8
-12.5°	794.8	879.6	947.6	1002.0	1061.0	1131.6	1215.6	1318.9	1453.0	1631.5	1887.2
-15°	785.0	871.2	941.4	996.9	1053.8	1121.9	1202.5	1296.6	1419.3	1578.5	1794.2
-17.5°	773.1	860.6	933.9	989.7	1044.5	1108.8	1187.1	1273.5	1385.5	1530.0	1725.3
-20°	759.1	847.5	925.3	980.6	1033.6	1096.2	1172.0	1255.0	1354.7	1480.4	1645.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	743.1	832.1	912.8	969.2	1023.3	1083.8	1154.4	1233.2	1320.5	1424.2	1562.2
-25°	726.0	812.4	894.0	957.0	1010.8	1068.4	1134.0	1208.6	1288.8	1378.3	1491.3
-27.5°	708.0	790.5	874.2	942.5	995.7	1050.8	1113.6	1183.6	1251.8	1327.1	1419.3
-30°	688.2	769.2	854.1	924.4	978.2	1032.3	1090.9	1148.5	1210.9	1279.7	1359.2
-32.5°	667.9	746.3	830.1	901.2	958.3	1011.2	1061.1	1112.9	1169.0	1230.9	1298.7
-35°	647.2	722.8	802.7	878.5	935.9	985.5	1030.7	1076.5	1125.5	1181.8	1241.0
-37.5°	626.0	697.0	773.2	851.7	911.5	956.9	999.1	1041.3	1085.1	1131.1	1184.8
-40°	602.8	669.0	742.4	817.6	883.6	927.4	968.3	1006.1	1045.1	1087.9	1131.1
-42.5°	578.0	641.6	709.4	781.0	845.9	896.3	937.1	972.8	1006.7	1044.4	1084.0
-45°	552.8	612.3	674.7	741.9	805.5	860.6	902.7	939.9	969.2	1000.6	1036.2
-47.5°	526.5	581.7	640.5	701.8	763.9	819.5	865.7	900.4	930.9	958.8	987.2
-50°	498.5	551.7	603.7	661.0	720.4	776.7	825.0	858.9	888.4	915.5	941.3
-52.5°	467.6	520.6	567.4	617.8	674.0	730.1	777.8	814.7	844.0	870.1	896.9
-55°	435.3	484.8	529.6	574.6	623.7	677.8	725.7	763.8	798.6	823.8	851.3
-57.5°	401.4	446.0	488.1	530.5	573.6	619.8	666.6	708.7	742.8	773.2	801.9
-60°	366.3	406.2	444.2	483.2	522.7	563.3	605.8	647.1	683.7	715.2	741.4
-62.5°	330.5	365.8	399.9	433.9	469.4	505.4	542.3	581.0	621.1	650.0	674.9
-65°	293.2	324.8	355.6	385.6	414.8	447.3	479.3	510.1	543.7	575.0	602.1
-67.5°	254.8	283.1	310.7	337.5	363.7	390.3	417.3	444.9	471.5	496.9	521.6
-70°	218.9	241.4	265.2	288.9	311.9	334.2	356.9	379.7	402.8	425.2	446.6
-72.5°	183.1	202.6	221.5	239.9	260.3	280.2	298.6	315.3	334.2	355.0	374.1
-75°	149.4	163.7	179.3	194.8	211.0	227.5	243.4	258.8	273.8	289.1	304.4
-77.5°	117.2	129.8	141.3	151.7	163.0	176.7	189.9	202.6	214.8	226.4	237.5
-80°	86.1	95.9	105.8	114.9	123.9	132.6	141.1	149.2	157.0	165.3	174.2
-82.5°	56.7	64.0	71.2	78.2	85.0	91.6	97.9	104.0	109.8	115.4	120.7
-85°	29.6	32.1	36.8	41.5	46.0	50.4	54.6	58.7	62.6	66.3	69.8
-87.5°	14.8	16.0	17.2	18.4	19.5	20.6	21.7	22.7	23.7	24.6	25.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.3	27.1	27.8	28.5	29.1	29.7	30.2	30.6	31.0	31.3	31.6
85°	73.1	76.2	79.1	81.8	84.3	84.9	85.2	85.0	84.6	85.7	86.7
82.5°	125.7	131.3	137.0	142.7	148.2	150.3	151.7	152.7	153.4	155.5	157.4
80°	182.5	191.4	199.7	207.1	213.7	218.3	222.6	226.5	230.1	231.7	232.5
77.5°	248.6	259.4	269.5	278.9	287.5	294.4	299.9	304.4	307.8	310.0	311.4
75°	319.6	333.3	345.5	356.8	367.2	374.5	379.5	383.3	385.7	388.5	390.6
72.5°	391.4	407.0	421.4	435.1	447.0	455.4	461.3	466.0	469.6	472.3	473.7
70°	466.9	485.6	501.5	515.1	525.9	533.9	540.2	545.4	549.3	552.0	553.4
67.5°	545.1	565.0	579.9	591.8	601.5	610.1	617.9	623.7	627.6	631.5	635.5
65°	624.7	644.9	660.2	672.9	683.1	694.1	704.2	711.8	716.7	721.3	725.9
62.5°	699.5	722.5	740.2	756.8	773.5	789.4	798.5	805.6	810.7	815.1	820.4
60°	767.6	793.6	815.2	835.3	855.8	876.4	884.8	891.5	897.8	903.6	909.0
57.5°	828.0	855.6	882.0	901.8	921.4	940.6	953.8	961.1	966.0	968.7	970.9
55°	880.6	908.2	934.5	957.3	978.6	998.3	1013.0	1020.2	1025.4	1028.8	1030.9
52.5°	927.7	957.2	985.3	1010.7	1033.6	1054.9	1073.3	1083.1	1091.0	1096.6	1098.5
50°	973.9	1005.9	1036.3	1063.4	1090.1	1115.6	1139.1	1152.6	1162.2	1168.0	1169.9
47.5°	1022.2	1056.9	1089.8	1121.3	1151.6	1181.8	1209.6	1228.1	1241.8	1252.0	1259.2
45°	1072.6	1109.9	1146.2	1183.4	1218.2	1257.1	1292.3	1319.4	1339.3	1356.6	1370.4
42.5°	1123.2	1165.1	1206.9	1254.7	1302.3	1346.5	1388.4	1424.2	1456.9	1488.9	1513.8
40°	1178.2	1224.1	1281.3	1337.9	1396.6	1448.1	1509.2	1563.9	1614.1	1668.3	1713.2
37.5°	1238.3	1297.3	1365.0	1432.9	1509.2	1583.3	1668.6	1752.7	1825.7	1920.7	1996.9
35°	1303.8	1378.5	1458.5	1549.6	1648.1	1764.2	1883.6	2023.7	2142.6	2293.5	2432.9
32.5°	1376.8	1464.7	1568.4	1693.7	1826.5	2013.1	2188.1	2425.5	2628.5	2890.5	3176.6
30°	1451.0	1564.5	1705.7	1867.5	2092.2	2356.9	2665.6	3067.1	3501.4	3950.7	4555.5
27.5°	1539.0	1686.4	1862.7	2112.5	2448.6	2815.1	3443.9	4122.8	5068.7	5817.5	7151.1
25°	1633.8	1816.2	2076.6	2438.6	2903.1	3644.7	4706.2	5935.3	7827.9	9511.4	11446.2
22.5°	1746.0	1993.8	2338.5	2812.7	3622.4	4898.3	6555.1	9079.0	11884.7	14653.9	17185.0
20°	1864.9	2164.1	2646.2	3418.5	4670.0	6514.9	9470.8	13077.3	16802.1	20597.2	23795.4
17.5°	2003.6	2410.0	3045.0	4070.8	5856.3	9014.9	12963.0	17549.0	22415.2	27257.9	31464.4
15°	2122.9	2625.0	3480.1	5016.5	7679.0	11629.9	16482.4	22274.2	28393.8	34678.5	41490.0
12.5°	2275.0	2884.1	3928.4	5798.3	9296.2	14431.5	20368.9	27093.4	34566.1	42910.7	53529.7
10°	2414.6	3155.8	4518.0	7051.0	11240.2	17048.5	23726.0	31355.2	41048.0	53587.8	66396.8
7.5°	2526.4	3371.4	4975.2	8028.5	12870.5	19284.2	26748.8	35895.8	47988.3	62920.4	77555.6
5°	2604.2	3520.7	5302.4	8767.2	14182.0	20992.8	28894.0	39243.0	53838.3	70559.6	85503.1
2.5°	2653.1	3602.4	5462.5	9205.7	15037.4	22021.0	30232.3	41370.2	57423.8	75422.6	90552.3
0°	2676.2	3616.5	5360.5	9419.1	15157.3	21948.4	30354.8	42080.5	58274.5	76743.0	91811.9
-2.5°	2653.1	3602.4	5462.5	9205.7	15037.4	22021.0	30232.3	41370.2	57423.8	75422.6	90552.3
-5°	2604.2	3520.7	5302.4	8767.2	14182.0	20992.8	28894.0	39243.0	53838.3	70559.6	85503.1
-7.5°	2526.4	3371.4	4975.2	8028.5	12870.5	19284.2	26748.8	35895.8	47988.3	62920.4	77555.6
-10°	2414.6	3155.8	4518.0	7051.0	11240.2	17048.5	23726.0	31355.2	41048.0	53587.8	66396.8
-12.5°	2275.0	2884.1	3928.4	5798.3	9296.2	14431.5	20368.9	27093.4	34566.1	42910.7	53529.7
-15°	2122.9	2625.0	3480.1	5016.5	7679.0	11629.9	16482.4	22274.2	28393.8	34678.5	41490.0
-17.5°	2003.6	2410.0	3045.0	4070.8	5856.3	9014.9	12963.0	17549.0	22415.2	27257.9	31464.4
-20°	1864.9	2164.1	2646.2	3418.5	4670.0	6514.9	9470.8	13077.3	16802.1	20597.2	23795.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1746.0	1993.8	2338.5	2812.7	3622.4	4898.3	6555.1	9079.0	11884.7	14653.9	17185.0
-25°	1633.8	1816.2	2076.6	2438.6	2903.1	3644.7	4706.2	5935.3	7827.9	9511.4	11446.2
-27.5°	1539.0	1686.4	1862.7	2112.5	2448.6	2815.1	3443.9	4122.8	5068.7	5817.5	7151.1
-30°	1451.0	1564.5	1705.7	1867.5	2092.2	2356.9	2665.6	3067.1	3501.4	3950.7	4555.5
-32.5°	1376.8	1464.7	1568.4	1693.7	1826.5	2013.1	2188.1	2425.5	2628.5	2890.5	3176.6
-35°	1303.8	1378.5	1458.5	1549.6	1648.1	1764.2	1883.6	2023.7	2142.6	2293.5	2432.9
-37.5°	1238.3	1297.3	1365.0	1432.9	1509.2	1583.3	1668.6	1752.7	1825.7	1920.7	1996.9
-40°	1178.2	1224.1	1281.3	1337.9	1396.6	1448.1	1509.2	1563.9	1614.1	1668.3	1713.2
-42.5°	1123.2	1165.1	1206.9	1254.7	1302.3	1346.5	1388.4	1424.2	1456.9	1488.9	1513.8
-45°	1072.6	1109.9	1146.2	1183.4	1218.2	1257.1	1292.3	1319.4	1339.3	1356.6	1370.4
-47.5°	1022.2	1056.9	1089.8	1121.3	1151.6	1181.8	1209.6	1228.1	1241.8	1252.0	1259.2
-50°	973.9	1005.9	1036.3	1063.4	1090.1	1115.6	1139.1	1152.6	1162.2	1168.0	1169.9
-52.5°	927.7	957.2	985.3	1010.7	1033.6	1054.9	1073.3	1083.1	1091.0	1096.6	1098.5
-55°	880.6	908.2	934.5	957.3	978.6	998.3	1013.0	1020.2	1025.4	1028.8	1030.9
-57.5°	828.0	855.6	882.0	901.8	921.4	940.6	953.8	961.1	966.0	968.7	970.9
-60°	767.6	793.6	815.2	835.3	855.8	876.4	884.8	891.5	897.8	903.6	909.0
-62.5°	699.5	722.5	740.2	756.8	773.5	789.4	798.5	805.6	810.7	815.1	820.4
-65°	624.7	644.9	660.2	672.9	683.1	694.1	704.2	711.8	716.7	721.3	725.9
-67.5°	545.1	565.0	579.9	591.8	601.5	610.1	617.9	623.7	627.6	631.5	635.5
-70°	466.9	485.6	501.5	515.1	525.9	533.9	540.2	545.4	549.3	552.0	553.4
-72.5°	391.4	407.0	421.4	435.1	447.0	455.4	461.3	466.0	469.6	472.3	473.7
-75°	319.6	333.3	345.5	356.8	367.2	374.5	379.5	383.3	385.7	388.5	390.6
-77.5°	248.6	259.4	269.5	278.9	287.5	294.4	299.9	304.4	307.8	310.0	311.4
-80°	182.5	191.4	199.7	207.1	213.7	218.3	222.6	226.5	230.1	231.7	232.5
-82.5°	125.7	131.3	137.0	142.7	148.2	150.3	151.7	152.7	153.4	155.5	157.4
-85°	73.1	76.2	79.1	81.8	84.3	84.9	85.2	85.0	84.6	85.7	86.7
-87.5°	26.3	27.1	27.8	28.5	29.1	29.7	30.2	30.6	31.0	31.3	31.6
-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: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.8	32.0	32.1	32.1	32.1	32.0	31.8	31.6	31.3	31.0	30.6
85°	87.4	88.0	88.3	88.4	88.3	88.0	87.4	86.7	85.7	84.6	85.0
82.5°	158.8	159.9	160.5	160.7	160.5	159.9	158.8	157.4	155.5	153.4	152.7
80°	232.6	232.0	232.8	233.1	232.8	232.0	232.6	232.5	231.7	230.1	226.5
77.5°	312.1	311.9	313.0	313.4	313.0	311.9	312.1	311.4	310.0	307.8	304.4
75°	391.8	392.1	393.3	393.8	393.3	392.1	391.8	390.6	388.5	385.7	383.3
72.5°	473.7	472.4	473.6	474.2	473.6	472.4	473.7	473.7	472.3	469.6	466.0
70°	553.6	552.5	557.6	562.6	557.6	552.5	553.6	553.4	552.0	549.3	545.4
67.5°	638.4	640.1	645.8	651.0	645.8	640.1	638.4	635.5	631.5	627.6	623.7
65°	728.2	728.5	734.0	739.4	734.0	728.5	728.2	725.9	721.3	716.7	711.8
62.5°	823.5	824.4	830.2	835.8	830.2	824.4	823.5	820.4	815.1	810.7	805.6
60°	912.1	913.0	915.1	916.2	915.1	913.0	912.1	909.0	903.6	897.8	891.5
57.5°	971.6	970.8	971.6	972.4	971.6	970.8	971.6	970.9	968.7	966.0	961.1
55°	1030.5	1027.9	1024.8	1020.7	1024.8	1027.9	1030.5	1030.9	1028.8	1025.4	1020.2
52.5°	1097.0	1092.8	1089.0	1085.0	1089.0	1092.8	1097.0	1098.5	1096.6	1091.0	1083.1
50°	1168.7	1164.9	1161.2	1157.3	1161.2	1164.9	1168.7	1169.9	1168.0	1162.2	1152.6
47.5°	1264.2	1265.8	1265.1	1261.8	1265.1	1265.8	1264.2	1259.2	1252.0	1241.8	1228.1
45°	1380.2	1384.9	1385.4	1382.3	1385.4	1384.9	1380.2	1370.4	1356.6	1339.3	1319.4
42.5°	1531.4	1541.6	1547.2	1551.1	1547.2	1541.6	1531.4	1513.8	1488.9	1456.9	1424.2
40°	1745.9	1766.7	1779.9	1792.2	1779.9	1766.7	1745.9	1713.2	1668.3	1614.1	1563.9
37.5°	2053.4	2091.1	2108.0	2097.6	2108.0	2091.1	2053.4	1996.9	1920.7	1825.7	1752.7
35°	2540.2	2611.9	2649.1	2652.1	2649.1	2611.9	2540.2	2432.9	2293.5	2142.6	2023.7
32.5°	3388.0	3534.6	3613.5	3624.6	3613.5	3534.6	3388.0	3176.6	2890.5	2628.5	2425.5
30°	5018.5	5317.7	5458.2	5424.8	5458.2	5317.7	5018.5	4555.5	3950.7	3501.4	3067.1
27.5°	8187.9	8933.8	9375.8	9411.0	9375.8	8933.8	8187.9	7151.1	5817.5	5068.7	4122.8
25°	13159.8	14433.2	15248.6	15261.8	15248.6	14433.2	13159.8	11446.2	9511.4	7827.9	5935.3
22.5°	19525.4	21263.7	22216.1	22382.4	22216.1	21263.7	19525.4	17185.0	14653.9	11884.7	9079.0
20°	26900.2	29212.7	30449.8	30451.3	30449.8	29212.7	26900.2	23795.4	20597.2	16802.1	13077.3
17.5°	35982.7	39737.5	42094.6	43109.2	42094.6	39737.5	35982.7	31464.4	27257.9	22415.2	17549.0
15°	48048.8	54358.7	58139.7	58821.0	58139.7	54358.7	48048.8	41490.0	34678.5	28393.8	22274.2
12.5°	62740.8	70726.0	76093.7	78061.1	76093.7	70726.0	62740.8	53529.7	42910.7	34566.1	27093.4
10°	78080.5	85479.2	91229.7	93162.1	91229.7	85479.2	78080.5	66396.8	53587.8	41048.0	31355.2
7.5°	89162.1	97984.8	104462.4	107306.8	104462.4	97984.8	89162.1	77555.6	62920.4	47988.3	35895.8
5°	97910.0	108349.4	114379.2	117055.4	114379.2	108349.4	97910.0	85503.1	70559.6	53838.3	39243.0
2.5°	103649.7	113964.9	120350.1	122817.8	120350.1	113964.9	103649.7	90552.3	75422.6	57423.8	41370.2
0°	105795.9	115882.0	122190.9	125204.7	122190.9	115882.0	105795.9	91811.9	76743.0	58274.5	42080.5
-2.5°	103649.7	113964.9	120350.1	122817.8	120350.1	113964.9	103649.7	90552.3	75422.6	57423.8	41370.2
-5°	97910.0	108349.4	114379.2	117055.4	114379.2	108349.4	97910.0	85503.1	70559.6	53838.3	39243.0
-7.5°	89162.1	97984.8	104462.4	107306.8	104462.4	97984.8	89162.1	77555.6	62920.4	47988.3	35895.8
-10°	78080.5	85479.2	91229.7	93162.1	91229.7	85479.2	78080.5	66396.8	53587.8	41048.0	31355.2
-12.5°	62740.8	70726.0	76093.7	78061.1	76093.7	70726.0	62740.8	53529.7	42910.7	34566.1	27093.4
-15°	48048.8	54358.7	58139.7	58821.0	58139.7	54358.7	48048.8	41490.0	34678.5	28393.8	22274.2
-17.5°	35982.7	39737.5	42094.6	43109.2	42094.6	39737.5	35982.7	31464.4	27257.9	22415.2	17549.0
-20°	26900.2	29212.7	30449.8	30451.3	30449.8	29212.7	26900.2	23795.4	20597.2	16802.1	13077.3



REPORT NUMBER: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-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°	19525.4	21263.7	22216.1	22382.4	22216.1	21263.7	19525.4	17185.0	14653.9	11884.7	9079.0
-25°	13159.8	14433.2	15248.6	15261.8	15248.6	14433.2	13159.8	11446.2	9511.4	7827.9	5935.3
-27.5°	8187.9	8933.8	9375.8	9411.0	9375.8	8933.8	8187.9	7151.1	5817.5	5068.7	4122.8
-30°	5018.5	5317.7	5458.2	5424.8	5458.2	5317.7	5018.5	4555.5	3950.7	3501.4	3067.1
-32.5°	3388.0	3534.6	3613.5	3624.6	3613.5	3534.6	3388.0	3176.6	2890.5	2628.5	2425.5
-35°	2540.2	2611.9	2649.1	2652.1	2649.1	2611.9	2540.2	2432.9	2293.5	2142.6	2023.7
-37.5°	2053.4	2091.1	2108.0	2097.6	2108.0	2091.1	2053.4	1996.9	1920.7	1825.7	1752.7
-40°	1745.9	1766.7	1779.9	1792.2	1779.9	1766.7	1745.9	1713.2	1668.3	1614.1	1563.9
-42.5°	1531.4	1541.6	1547.2	1551.1	1547.2	1541.6	1531.4	1513.8	1488.9	1456.9	1424.2
-45°	1380.2	1384.9	1385.4	1382.3	1385.4	1384.9	1380.2	1370.4	1356.6	1339.3	1319.4
-47.5°	1264.2	1265.8	1265.1	1261.8	1265.1	1265.8	1264.2	1259.2	1252.0	1241.8	1228.1
-50°	1168.7	1164.9	1161.2	1157.3	1161.2	1164.9	1168.7	1169.9	1168.0	1162.2	1152.6
-52.5°	1097.0	1092.8	1089.0	1085.0	1089.0	1092.8	1097.0	1098.5	1096.6	1091.0	1083.1
-55°	1030.5	1027.9	1024.8	1020.7	1024.8	1027.9	1030.5	1030.9	1028.8	1025.4	1020.2
-57.5°	971.6	970.8	971.6	972.4	971.6	970.8	971.6	970.9	968.7	966.0	961.1
-60°	912.1	913.0	915.1	916.2	915.1	913.0	912.1	909.0	903.6	897.8	891.5
-62.5°	823.5	824.4	830.2	835.8	830.2	824.4	823.5	820.4	815.1	810.7	805.6
-65°	728.2	728.5	734.0	739.4	734.0	728.5	728.2	725.9	721.3	716.7	711.8
-67.5°	638.4	640.1	645.8	651.0	645.8	640.1	638.4	635.5	631.5	627.6	623.7
-70°	553.6	552.5	557.6	562.6	557.6	552.5	553.6	553.4	552.0	549.3	545.4
-72.5°	473.7	472.4	473.6	474.2	473.6	472.4	473.7	473.7	472.3	469.6	466.0
-75°	391.8	392.1	393.3	393.8	393.3	392.1	391.8	390.6	388.5	385.7	383.3
-77.5°	312.1	311.9	313.0	313.4	313.0	311.9	312.1	311.4	310.0	307.8	304.4
-80°	232.6	232.0	232.8	233.1	232.8	232.0	232.6	232.5	231.7	230.1	226.5
-82.5°	158.8	159.9	160.5	160.7	160.5	159.9	158.8	157.4	155.5	153.4	152.7
-85°	87.4	88.0	88.3	88.4	88.3	88.0	87.4	86.7	85.7	84.6	85.0
-87.5°	31.8	32.0	32.1	32.1	32.1	32.0	31.8	31.6	31.3	31.0	30.6
-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: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.2	29.7	29.1	28.5	27.8	27.1	26.3	25.5	24.6	23.7	22.7
85°	85.2	84.9	84.3	81.8	79.1	76.2	73.1	69.8	66.3	62.6	58.7
82.5°	151.7	150.3	148.2	142.7	137.0	131.3	125.7	120.7	115.4	109.8	104.0
80°	222.6	218.3	213.7	207.1	199.7	191.4	182.5	174.2	165.3	157.0	149.2
77.5°	299.9	294.4	287.5	278.9	269.5	259.4	248.6	237.5	226.4	214.8	202.6
75°	379.5	374.5	367.2	356.8	345.5	333.3	319.6	304.4	289.1	273.8	258.8
72.5°	461.3	455.4	447.0	435.1	421.4	407.0	391.4	374.1	355.0	334.2	315.3
70°	540.2	533.9	525.9	515.1	501.5	485.6	466.9	446.6	425.2	402.8	379.7
67.5°	617.9	610.1	601.5	591.8	579.9	565.0	545.1	521.6	496.9	471.5	444.9
65°	704.2	694.1	683.1	672.9	660.2	644.9	624.7	602.1	575.0	543.7	510.1
62.5°	798.5	789.4	773.5	756.8	740.2	722.5	699.5	674.9	650.0	621.1	581.0
60°	884.8	876.4	855.8	835.3	815.2	793.6	767.6	741.4	715.2	683.7	647.1
57.5°	953.8	940.6	921.4	901.8	882.0	855.6	828.0	801.9	773.2	742.8	708.7
55°	1013.0	998.3	978.6	957.3	934.5	908.2	880.6	851.3	823.8	798.6	763.8
52.5°	1073.3	1054.9	1033.6	1010.7	985.3	957.2	927.7	896.9	870.1	844.0	814.7
50°	1139.1	1115.6	1090.1	1063.4	1036.3	1005.9	973.9	941.3	915.5	888.4	858.9
47.5°	1209.6	1181.8	1151.6	1121.3	1089.8	1056.9	1022.2	987.2	958.8	930.9	900.4
45°	1292.3	1257.1	1218.2	1183.4	1146.2	1109.9	1072.6	1036.2	1000.6	969.2	939.9
42.5°	1388.4	1346.5	1302.3	1254.7	1206.9	1165.1	1123.2	1084.0	1044.4	1006.7	972.8
40°	1509.2	1448.1	1396.6	1337.9	1281.3	1224.1	1178.2	1131.1	1087.9	1045.1	1006.1
37.5°	1668.6	1583.3	1509.2	1432.9	1365.0	1297.3	1238.3	1184.8	1131.1	1085.1	1041.3
35°	1883.6	1764.2	1648.1	1549.6	1458.5	1378.5	1303.8	1241.0	1181.8	1125.5	1076.5
32.5°	2188.1	2013.1	1826.5	1693.7	1568.4	1464.7	1376.8	1298.7	1230.9	1169.0	1112.9
30°	2665.6	2356.9	2092.2	1867.5	1705.7	1564.5	1451.0	1359.2	1279.7	1210.9	1148.5
27.5°	3443.9	2815.1	2448.6	2112.5	1862.7	1686.4	1539.0	1419.3	1327.1	1251.8	1183.6
25°	4706.2	3644.7	2903.1	2438.6	2076.6	1816.2	1633.8	1491.3	1378.3	1288.8	1208.6
22.5°	6555.1	4898.3	3622.4	2812.7	2338.5	1993.8	1746.0	1562.2	1424.2	1320.5	1233.2
20°	9470.8	6514.9	4670.0	3418.5	2646.2	2164.1	1864.9	1645.4	1480.4	1354.7	1255.0
17.5°	12963.0	9014.9	5856.3	4070.8	3045.0	2410.0	2003.6	1725.3	1530.0	1385.5	1273.5
15°	16482.4	11629.9	7679.0	5016.5	3480.1	2625.0	2122.9	1794.2	1578.5	1419.3	1296.6
12.5°	20368.9	14431.5	9296.2	5798.3	3928.4	2884.1	2275.0	1887.2	1631.5	1453.0	1318.9
10°	23726.0	17048.5	11240.2	7051.0	4518.0	3155.8	2414.6	1966.8	1675.7	1480.3	1336.3
7.5°	26748.8	19284.2	12870.5	8028.5	4975.2	3371.4	2526.4	2030.3	1709.0	1500.3	1348.6
5°	28894.0	20992.8	14182.0	8767.2	5302.4	3520.7	2604.2	2075.2	1730.9	1512.8	1355.7
2.5°	30232.3	22021.0	15037.4	9205.7	5462.5	3602.4	2653.1	2100.8	1749.4	1526.6	1359.7
0°	30354.8	21948.4	15157.3	9419.1	5360.5	3616.5	2676.2	2105.6	1760.1	1535.0	1358.2
-2.5°	30232.3	22021.0	15037.4	9205.7	5462.5	3602.4	2653.1	2100.8	1749.4	1526.6	1359.7
-5°	28894.0	20992.8	14182.0	8767.2	5302.4	3520.7	2604.2	2075.2	1730.9	1512.8	1355.7
-7.5°	26748.8	19284.2	12870.5	8028.5	4975.2	3371.4	2526.4	2030.3	1709.0	1500.3	1348.6
-10°	23726.0	17048.5	11240.2	7051.0	4518.0	3155.8	2414.6	1966.8	1675.7	1480.3	1336.3
-12.5°	20368.9	14431.5	9296.2	5798.3	3928.4	2884.1	2275.0	1887.2	1631.5	1453.0	1318.9
-15°	16482.4	11629.9	7679.0	5016.5	3480.1	2625.0	2122.9	1794.2	1578.5	1419.3	1296.6
-17.5°	12963.0	9014.9	5856.3	4070.8	3045.0	2410.0	2003.6	1725.3	1530.0	1385.5	1273.5
-20°	9470.8	6514.9	4670.0	3418.5	2646.2	2164.1	1864.9	1645.4	1480.4	1354.7	1255.0



REPORT NUMBER: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6555.1	4898.3	3622.4	2812.7	2338.5	1993.8	1746.0	1562.2	1424.2	1320.5	1233.2
-25°	4706.2	3644.7	2903.1	2438.6	2076.6	1816.2	1633.8	1491.3	1378.3	1288.8	1208.6
-27.5°	3443.9	2815.1	2448.6	2112.5	1862.7	1686.4	1539.0	1419.3	1327.1	1251.8	1183.6
-30°	2665.6	2356.9	2092.2	1867.5	1705.7	1564.5	1451.0	1359.2	1279.7	1210.9	1148.5
-32.5°	2188.1	2013.1	1826.5	1693.7	1568.4	1464.7	1376.8	1298.7	1230.9	1169.0	1112.9
-35°	1883.6	1764.2	1648.1	1549.6	1458.5	1378.5	1303.8	1241.0	1181.8	1125.5	1076.5
-37.5°	1668.6	1583.3	1509.2	1432.9	1365.0	1297.3	1238.3	1184.8	1131.1	1085.1	1041.3
-40°	1509.2	1448.1	1396.6	1337.9	1281.3	1224.1	1178.2	1131.1	1087.9	1045.1	1006.1
-42.5°	1388.4	1346.5	1302.3	1254.7	1206.9	1165.1	1123.2	1084.0	1044.4	1006.7	972.8
-45°	1292.3	1257.1	1218.2	1183.4	1146.2	1109.9	1072.6	1036.2	1000.6	969.2	939.9
-47.5°	1209.6	1181.8	1151.6	1121.3	1089.8	1056.9	1022.2	987.2	958.8	930.9	900.4
-50°	1139.1	1115.6	1090.1	1063.4	1036.3	1005.9	973.9	941.3	915.5	888.4	858.9
-52.5°	1073.3	1054.9	1033.6	1010.7	985.3	957.2	927.7	896.9	870.1	844.0	814.7
-55°	1013.0	998.3	978.6	957.3	934.5	908.2	880.6	851.3	823.8	798.6	763.8
-57.5°	953.8	940.6	921.4	901.8	882.0	855.6	828.0	801.9	773.2	742.8	708.7
-60°	884.8	876.4	855.8	835.3	815.2	793.6	767.6	741.4	715.2	683.7	647.1
-62.5°	798.5	789.4	773.5	756.8	740.2	722.5	699.5	674.9	650.0	621.1	581.0
-65°	704.2	694.1	683.1	672.9	660.2	644.9	624.7	602.1	575.0	543.7	510.1
-67.5°	617.9	610.1	601.5	591.8	579.9	565.0	545.1	521.6	496.9	471.5	444.9
-70°	540.2	533.9	525.9	515.1	501.5	485.6	466.9	446.6	425.2	402.8	379.7
-72.5°	461.3	455.4	447.0	435.1	421.4	407.0	391.4	374.1	355.0	334.2	315.3
-75°	379.5	374.5	367.2	356.8	345.5	333.3	319.6	304.4	289.1	273.8	258.8
-77.5°	299.9	294.4	287.5	278.9	269.5	259.4	248.6	237.5	226.4	214.8	202.6
-80°	222.6	218.3	213.7	207.1	199.7	191.4	182.5	174.2	165.3	157.0	149.2
-82.5°	151.7	150.3	148.2	142.7	137.0	131.3	125.7	120.7	115.4	109.8	104.0
-85°	85.2	84.9	84.3	81.8	79.1	76.2	73.1	69.8	66.3	62.6	58.7
-87.5°	30.2	29.7	29.1	28.5	27.8	27.1	26.3	25.5	24.6	23.7	22.7
-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: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.7	20.6	19.5	18.4	17.2	16.0	14.8	13.6	12.3	11.0	9.6
85°	54.6	50.4	46.0	41.5	36.8	32.1	29.6	27.1	24.5	21.9	19.3
82.5°	97.9	91.6	85.0	78.2	71.2	64.0	56.7	49.1	41.1	33.5	28.9
80°	141.1	132.6	123.9	114.9	105.8	95.9	86.1	75.9	64.6	53.8	43.6
77.5°	189.9	176.7	163.0	151.7	141.3	129.8	117.2	103.2	87.9	74.0	60.7
75°	243.4	227.5	211.0	194.8	179.3	163.7	149.4	132.9	113.7	94.2	77.5
72.5°	298.6	280.2	260.3	239.9	221.5	202.6	183.1	162.2	140.2	117.8	95.2
70°	356.9	334.2	311.9	288.9	265.2	241.4	218.9	193.8	166.4	141.2	115.7
67.5°	417.3	390.3	363.7	337.5	310.7	283.1	254.8	225.5	195.1	164.3	135.9
65°	479.3	447.3	414.8	385.6	355.6	324.8	293.2	257.4	223.3	189.4	155.7
62.5°	542.3	505.4	469.4	433.9	399.9	365.8	330.5	290.4	251.3	214.0	176.7
60°	605.8	563.3	522.7	483.2	444.2	406.2	366.3	322.3	279.6	238.2	197.8
57.5°	666.6	619.8	573.6	530.5	488.1	446.0	401.4	353.9	307.0	262.1	218.5
55°	725.7	677.8	623.7	574.6	529.6	484.8	435.3	385.0	333.8	285.3	238.5
52.5°	777.8	730.1	674.0	617.8	567.4	520.6	467.6	415.1	361.0	307.6	258.0
50°	825.0	776.7	720.4	661.0	603.7	551.7	498.5	443.0	387.2	329.5	276.8
47.5°	865.7	819.5	763.9	701.8	640.5	581.7	526.5	469.4	412.5	351.9	294.9
45°	902.7	860.6	805.5	741.9	674.7	612.3	552.8	494.3	434.8	373.6	312.3
42.5°	937.1	896.3	845.9	781.0	709.4	641.6	578.0	517.3	455.8	394.2	329.7
40°	968.3	927.4	883.6	817.6	742.4	669.0	602.8	539.0	475.5	413.0	346.6
37.5°	999.1	956.9	911.5	851.7	773.2	697.0	626.0	559.5	494.4	429.8	362.5
35°	1030.7	985.5	935.9	878.5	802.7	722.8	647.2	578.7	512.3	445.5	377.2
32.5°	1061.1	1011.2	958.3	901.2	830.1	746.3	667.9	597.4	529.0	460.3	390.8
30°	1090.9	1032.3	978.2	924.4	854.1	769.2	688.2	614.8	544.5	474.0	403.2
27.5°	1113.6	1050.8	995.7	942.5	874.2	790.5	708.0	630.9	558.8	486.6	414.2
25°	1134.0	1068.4	1010.8	957.0	894.0	812.4	726.0	645.5	571.9	498.1	424.2
22.5°	1154.4	1083.8	1023.3	969.2	912.8	832.1	743.1	660.2	583.6	508.5	433.2
20°	1172.0	1096.2	1033.6	980.6	925.3	847.5	759.1	673.2	594.0	517.6	441.1
17.5°	1187.1	1108.8	1044.5	989.7	933.9	860.6	773.1	684.6	603.1	525.6	448.0
15°	1202.5	1121.9	1053.8	996.9	941.4	871.2	785.0	694.3	610.8	532.3	454.4
12.5°	1215.6	1131.6	1061.0	1002.0	947.6	879.6	794.8	702.2	617.0	538.6	460.4
10°	1225.9	1138.1	1066.0	1005.2	952.5	885.6	802.5	709.6	624.5	544.3	465.4
7.5°	1233.1	1141.3	1069.0	1006.5	956.0	891.0	810.1	717.7	631.2	548.8	469.2
5°	1238.0	1142.7	1070.8	1009.5	958.1	896.1	815.5	724.0	636.5	552.0	472.0
2.5°	1243.7	1143.3	1071.0	1011.8	958.1	899.1	818.7	728.5	640.5	553.9	473.6
0°	1245.7	1141.2	1068.9	1012.6	956.4	900.1	819.7	731.3	642.9	554.5	474.2
-2.5°	1243.7	1143.3	1071.0	1011.8	958.1	899.1	818.7	728.5	640.5	553.9	473.6
-5°	1238.0	1142.7	1070.8	1009.5	958.1	896.1	815.5	724.0	636.5	552.0	472.0
-7.5°	1233.1	1141.3	1069.0	1006.5	956.0	891.0	810.1	717.7	631.2	548.8	469.2
-10°	1225.9	1138.1	1066.0	1005.2	952.5	885.6	802.5	709.6	624.5	544.3	465.4
-12.5°	1215.6	1131.6	1061.0	1002.0	947.6	879.6	794.8	702.2	617.0	538.6	460.4
-15°	1202.5	1121.9	1053.8	996.9	941.4	871.2	785.0	694.3	610.8	532.3	454.4
-17.5°	1187.1	1108.8	1044.5	989.7	933.9	860.6	773.1	684.6	603.1	525.6	448.0
-20°	1172.0	1096.2	1033.6	980.6	925.3	847.5	759.1	673.2	594.0	517.6	441.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	1154.4	1083.8	1023.3	969.2	912.8	832.1	743.1	660.2	583.6	508.5	433.2
-25°	1134.0	1068.4	1010.8	957.0	894.0	812.4	726.0	645.5	571.9	498.1	424.2
-27.5°	1113.6	1050.8	995.7	942.5	874.2	790.5	708.0	630.9	558.8	486.6	414.2
-30°	1090.9	1032.3	978.2	924.4	854.1	769.2	688.2	614.8	544.5	474.0	403.2
-32.5°	1061.1	1011.2	958.3	901.2	830.1	746.3	667.9	597.4	529.0	460.3	390.8
-35°	1030.7	985.5	935.9	878.5	802.7	722.8	647.2	578.7	512.3	445.5	377.2
-37.5°	999.1	956.9	911.5	851.7	773.2	697.0	626.0	559.5	494.4	429.8	362.5
-40°	968.3	927.4	883.6	817.6	742.4	669.0	602.8	539.0	475.5	413.0	346.6
-42.5°	937.1	896.3	845.9	781.0	709.4	641.6	578.0	517.3	455.8	394.2	329.7
-45°	902.7	860.6	805.5	741.9	674.7	612.3	552.8	494.3	434.8	373.6	312.3
-47.5°	865.7	819.5	763.9	701.8	640.5	581.7	526.5	469.4	412.5	351.9	294.9
-50°	825.0	776.7	720.4	661.0	603.7	551.7	498.5	443.0	387.2	329.5	276.8
-52.5°	777.8	730.1	674.0	617.8	567.4	520.6	467.6	415.1	361.0	307.6	258.0
-55°	725.7	677.8	623.7	574.6	529.6	484.8	435.3	385.0	333.8	285.3	238.5
-57.5°	666.6	619.8	573.6	530.5	488.1	446.0	401.4	353.9	307.0	262.1	218.5
-60°	605.8	563.3	522.7	483.2	444.2	406.2	366.3	322.3	279.6	238.2	197.8
-62.5°	542.3	505.4	469.4	433.9	399.9	365.8	330.5	290.4	251.3	214.0	176.7
-65°	479.3	447.3	414.8	385.6	355.6	324.8	293.2	257.4	223.3	189.4	155.7
-67.5°	417.3	390.3	363.7	337.5	310.7	283.1	254.8	225.5	195.1	164.3	135.9
-70°	356.9	334.2	311.9	288.9	265.2	241.4	218.9	193.8	166.4	141.2	115.7
-72.5°	298.6	280.2	260.3	239.9	221.5	202.6	183.1	162.2	140.2	117.8	95.2
-75°	243.4	227.5	211.0	194.8	179.3	163.7	149.4	132.9	113.7	94.2	77.5
-77.5°	189.9	176.7	163.0	151.7	141.3	129.8	117.2	103.2	87.9	74.0	60.7
-80°	141.1	132.6	123.9	114.9	105.8	95.9	86.1	75.9	64.6	53.8	43.6
-82.5°	97.9	91.6	85.0	78.2	71.2	64.0	56.7	49.1	41.1	33.5	28.9
-85°	54.6	50.4	46.0	41.5	36.8	32.1	29.6	27.1	24.5	21.9	19.3
-87.5°	21.7	20.6	19.5	18.4	17.2	16.0	14.8	13.6	12.3	11.0	9.6
-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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REPORT NUMBER: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.3	6.9	5.6	4.2	2.8	1.4	0.0
85°	16.6	13.9	11.1	8.4	5.6	2.8	0.0
82.5°	24.9	20.8	16.7	12.5	8.4	4.2	0.0
80°	33.8	27.7	22.2	16.7	11.1	5.6	0.0
77.5°	48.1	36.3	27.7	20.8	13.9	6.9	0.0
75°	62.3	48.1	33.8	24.9	16.6	8.3	0.0
72.5°	76.3	59.8	43.2	28.9	19.3	9.6	0.0
70°	90.7	71.4	52.5	33.4	21.9	11.0	0.0
67.5°	108.2	82.8	61.6	40.3	24.5	12.3	0.0
65°	125.4	95.6	70.6	47.0	27.1	13.6	0.0
62.5°	142.3	109.7	79.4	53.6	29.6	14.8	0.0
60°	158.8	123.5	88.0	60.1	32.1	16.0	0.0
57.5°	176.2	136.9	98.6	66.4	36.2	17.2	0.0
55°	193.2	150.0	109.1	72.5	40.3	18.4	0.0
52.5°	209.5	162.9	119.3	78.4	44.3	19.5	0.0
50°	225.2	175.8	129.1	84.2	48.1	20.6	0.0
47.5°	240.3	188.2	138.6	90.1	51.8	21.7	0.0
45°	255.2	200.1	147.8	97.0	55.4	22.7	0.0
42.5°	269.5	211.3	156.5	103.5	58.8	23.7	0.0
40°	283.1	221.9	164.9	109.7	62.0	24.6	0.0
37.5°	295.9	231.9	173.0	115.4	65.1	25.5	0.0
35°	308.1	241.7	180.5	120.8	68.0	26.3	0.0
32.5°	319.6	251.2	187.5	125.8	70.7	27.1	0.0
30°	330.5	260.0	194.0	130.3	73.3	27.8	0.0
27.5°	340.4	268.1	199.8	134.5	75.7	28.5	0.0
25°	349.4	275.5	205.3	138.2	77.8	29.1	0.0
22.5°	357.4	282.3	210.3	141.5	79.8	29.7	0.0
20°	364.4	288.1	214.9	144.4	81.6	30.2	0.0
17.5°	370.8	293.1	219.0	146.8	83.2	30.6	0.0
15°	376.7	297.2	222.6	148.9	84.6	31.0	0.0
12.5°	381.7	300.6	225.7	150.5	85.7	31.3	0.0
10°	386.0	303.1	228.3	151.8	86.7	31.6	0.0
7.5°	389.3	304.8	230.4	152.6	87.4	31.8	0.0
5°	391.8	305.7	231.9	153.0	88.0	32.0	0.0
2.5°	393.3	305.9	232.8	153.0	88.3	32.1	0.0
0°	393.8	305.4	233.1	152.7	88.4	32.1	0.0
-2.5°	393.3	305.9	232.8	153.0	88.3	32.1	0.0
-5°	391.8	305.7	231.9	153.0	88.0	32.0	0.0
-7.5°	389.3	304.8	230.4	152.6	87.4	31.8	0.0
-10°	386.0	303.1	228.3	151.8	86.7	31.6	0.0
-12.5°	381.7	300.6	225.7	150.5	85.7	31.3	0.0
-15°	376.7	297.2	222.6	148.9	84.6	31.0	0.0
-17.5°	370.8	293.1	219.0	146.8	83.2	30.6	0.0
-20°	364.4	288.1	214.9	144.4	81.6	30.2	0.0

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REPORT NUMBER: P627915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	357.4	282.3	210.3	141.5	79.8	29.7	0.0
-25°	349.4	275.5	205.3	138.2	77.8	29.1	0.0
-27.5°	340.4	268.1	199.8	134.5	75.7	28.5	0.0
-30°	330.5	260.0	194.0	130.3	73.3	27.8	0.0
-32.5°	319.6	251.2	187.5	125.8	70.7	27.1	0.0
-35°	308.1	241.7	180.5	120.8	68.0	26.3	0.0
-37.5°	295.9	231.9	173.0	115.4	65.1	25.5	0.0
-40°	283.1	221.9	164.9	109.7	62.0	24.6	0.0
-42.5°	269.5	211.3	156.5	103.5	58.8	23.7	0.0
-45°	255.2	200.1	147.8	97.0	55.4	22.7	0.0
-47.5°	240.3	188.2	138.6	90.1	51.8	21.7	0.0
-50°	225.2	175.8	129.1	84.2	48.1	20.6	0.0
-52.5°	209.5	162.9	119.3	78.4	44.3	19.5	0.0
-55°	193.2	150.0	109.1	72.5	40.3	18.4	0.0
-57.5°	176.2	136.9	98.6	66.4	36.2	17.2	0.0
-60°	158.8	123.5	88.0	60.1	32.1	16.0	0.0
-62.5°	142.3	109.7	79.4	53.6	29.6	14.8	0.0
-65°	125.4	95.6	70.6	47.0	27.1	13.6	0.0
-67.5°	108.2	82.8	61.6	40.3	24.5	12.3	0.0
-70°	90.7	71.4	52.5	33.4	21.9	11.0	0.0
-72.5°	76.3	59.8	43.2	28.9	19.3	9.6	0.0
-75°	62.3	48.1	33.8	24.9	16.6	8.3	0.0
-77.5°	48.1	36.3	27.7	20.8	13.9	6.9	0.0
-80°	33.8	27.7	22.2	16.7	11.1	5.6	0.0
-82.5°	24.9	20.8	16.7	12.5	8.4	4.2	0.0
-85°	16.6	13.9	11.1	8.4	5.6	2.8	0.0
-87.5°	8.3	6.9	5.6	4.2	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)