

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: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627847 (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-SA6C-722-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N132
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

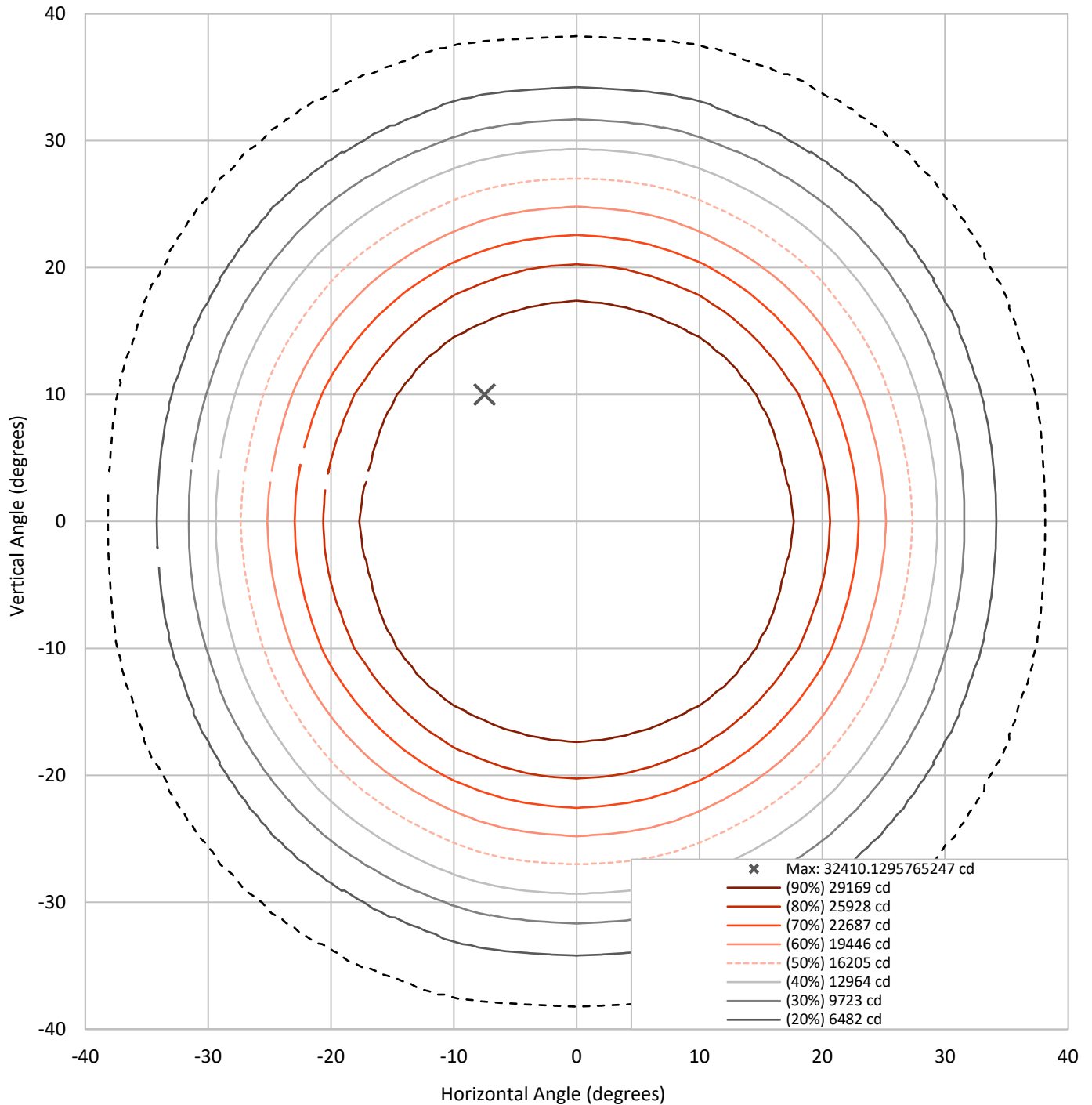
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	27584.1 lumens	Max Intensity:	32410.1 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	111.5 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:	18308.7 lumens	Field Lumens:	23806.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	247.5		
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





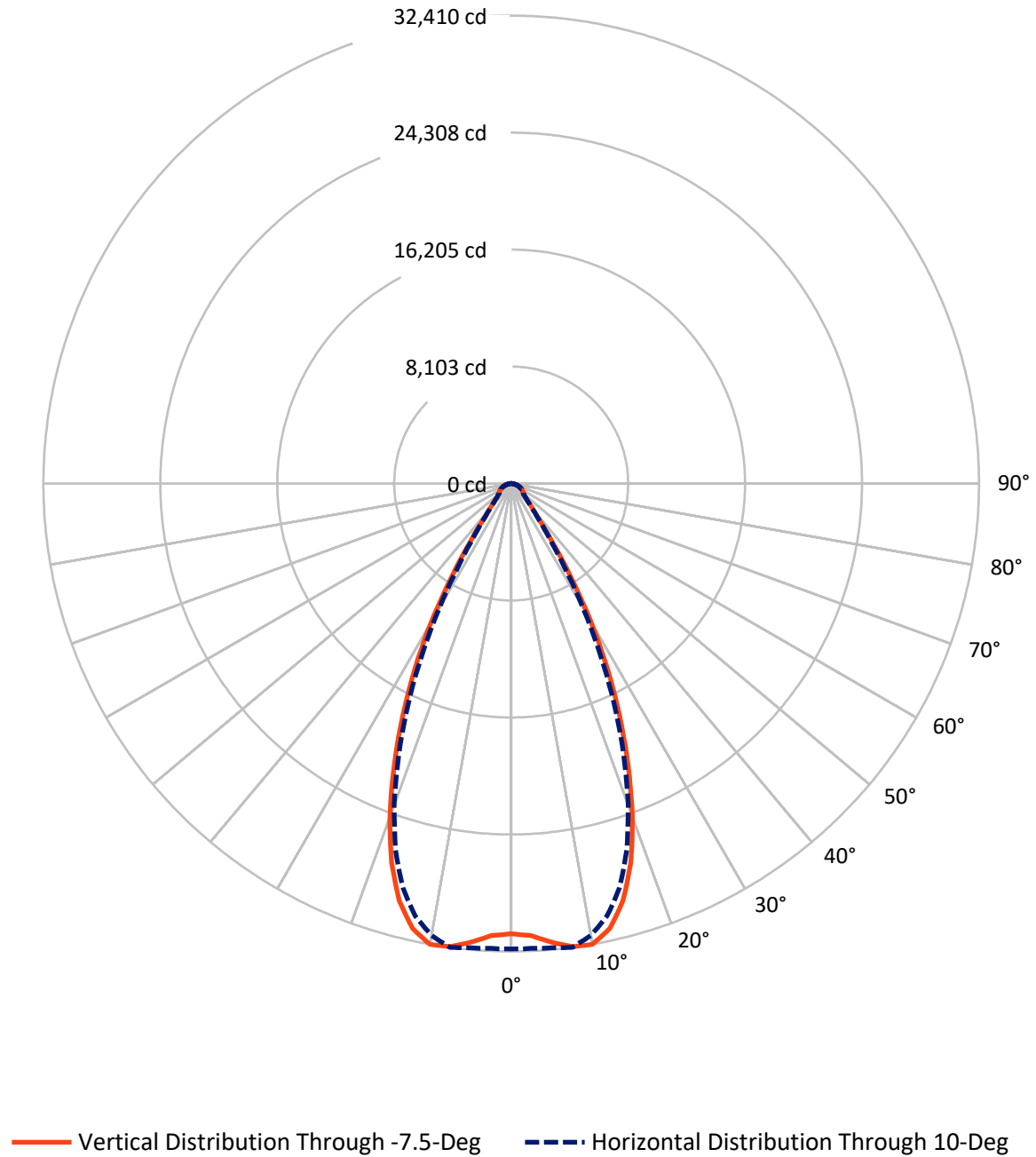
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Lumen Table

90																
80	0.7	6.5		17.3		27.4		30.6		27.4		17.3		6.5		0.7
70																
60	2.9	3.3	6.8	11.0	15.5	18.8	21.2	22.4	22.4	21.2	18.8	15.5	11.0	6.8	3.3	2.9
50		5.0	10.0	15.9	21.3	25.8	28.8	30.1	30.1	28.8	25.8	21.3	15.9	10.0	5.0	
40	5.2	6.4	12.6	19.3	25.9	33.7	42.4	48.6	48.6	42.4	33.7	25.9	19.3	12.6	6.4	5.2
30		7.6	14.6	22.2	34.4	62.7	120.0	177.9	177.9	120.0	62.7	34.4	22.2	14.6	7.6	
20	6.7	8.5	16.0	25.9	56.5	177.1	397.3	554.7	554.7	397.3	177.1	56.5	25.9	16.0	8.5	6.7
10		9.1	16.8	30.8	102.1	377.5	720.9	902.2	902.2	720.9	377.5	102.1	30.8	16.8	9.1	
0	7.2	9.4	17.2	34.7	147.0	516.6	874.6	951.6	951.6	874.6	516.6	147.0	34.7	17.2	9.4	7.2
-10		9.4	17.2	34.7	147.0	516.6	874.6	951.6	951.6	874.6	516.6	147.0	34.7	17.2	9.4	
-20	6.7	9.1	16.8	30.8	102.1	377.5	720.9	902.2	902.2	720.9	377.5	102.1	30.8	16.8	9.1	6.7
-30		8.5	16.0	25.9	56.5	177.1	397.3	554.7	554.7	397.3	177.1	56.5	25.9	16.0	8.5	
-40	5.2	7.6	14.6	22.2	34.4	62.7	120.0	177.9	177.9	120.0	62.7	34.4	22.2	14.6	7.6	5.2
-50		6.4	12.6	19.3	25.9	33.7	42.4	48.6	48.6	42.4	33.7	25.9	19.3	12.6	6.4	
-60	2.9	5.0	10.0	15.9	21.3	25.8	28.8	30.1	30.1	28.8	25.8	21.3	15.9	10.0	5.0	2.9
-70		3.3	6.8	11.0	15.5	18.8	21.2	22.4	22.4	21.2	18.8	15.5	11.0	6.8	3.3	
-80																
-90	0.7	6.5		17.3		27.4		30.6		27.4		17.3		6.5		0.7

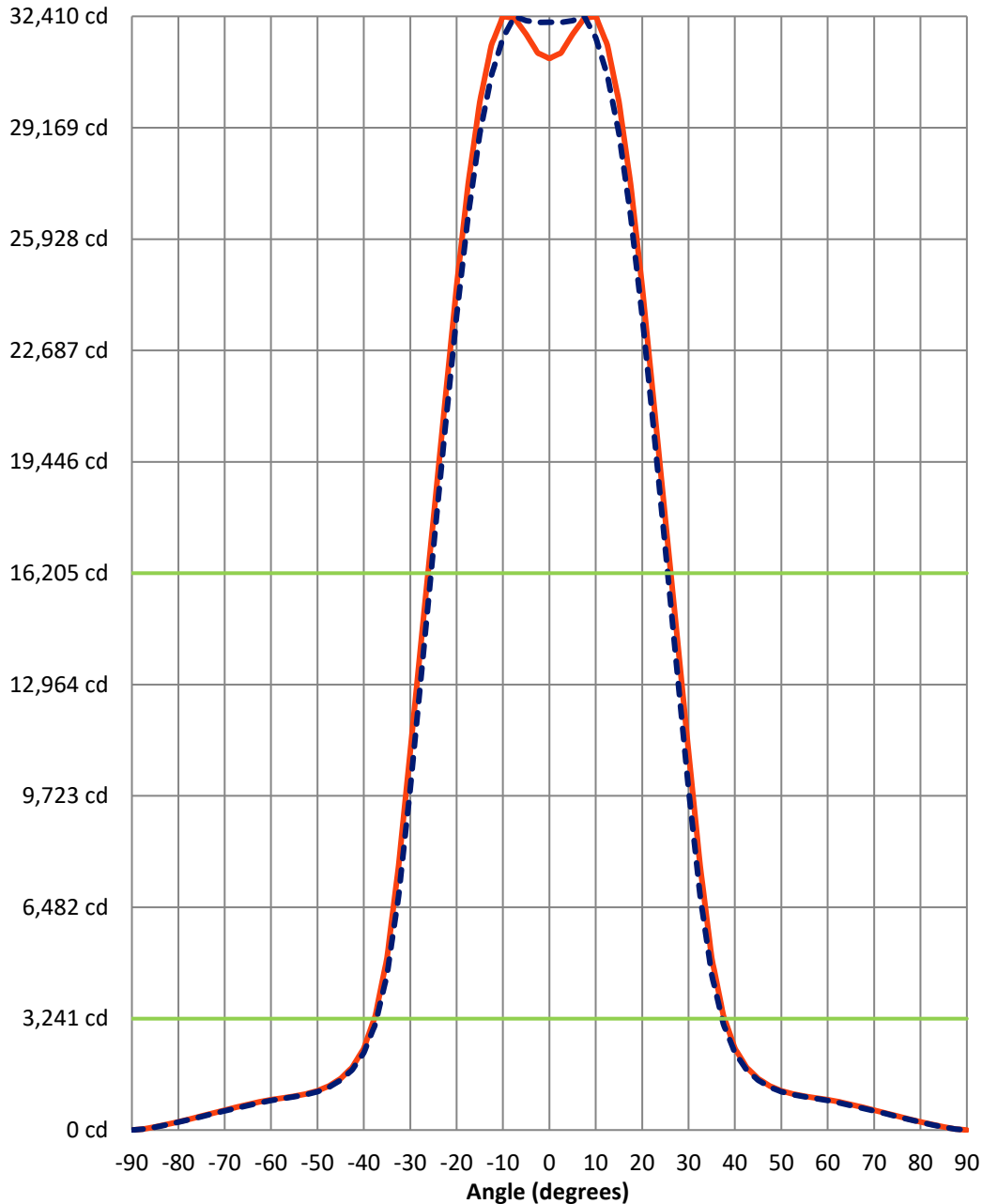
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 18308.7
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 23806.5
 Efficiency: 86.3%

Spill:
 Lumens: 3777.6
 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	1.2	2.5	3.7	4.9	6.1	7.3	9.0	10.7	12.5	14.4
85°	0.0	2.5	4.9	7.4	9.9	12.3	14.7	17.9	21.3	24.9	28.7
82.5°	0.0	3.7	7.4	11.1	14.8	18.4	22.0	26.7	32.5	41.0	49.0
80°	0.0	4.9	9.9	14.8	19.6	24.5	30.3	41.7	52.7	63.0	72.8
77.5°	0.0	6.1	12.3	18.4	24.5	33.0	46.2	59.7	72.7	85.0	98.1
75°	0.0	7.3	14.7	22.0	30.3	46.2	61.9	77.6	93.1	111.0	128.5
72.5°	0.0	8.5	17.1	25.6	40.7	59.1	77.4	96.3	117.4	138.2	158.6
70°	0.0	9.7	19.4	29.9	51.0	72.0	93.1	117.4	141.4	165.1	190.0
67.5°	0.0	10.9	21.7	37.5	61.1	84.6	110.8	138.2	165.1	192.9	221.2
65°	0.0	12.0	24.0	44.9	71.0	97.9	128.1	158.6	189.0	220.1	253.0
62.5°	0.0	13.1	26.2	52.2	80.8	111.8	145.1	178.8	212.3	247.4	287.2
60°	0.0	14.2	28.4	59.4	90.3	125.4	161.5	198.4	235.0	277.1	320.5
57.5°	0.0	15.3	32.9	66.4	100.7	138.6	178.0	217.5	259.7	305.9	351.9
55°	0.0	16.3	37.4	73.2	110.8	151.3	194.2	236.2	284.3	333.6	382.0
52.5°	0.0	17.3	41.7	79.8	120.6	163.8	210.0	256.7	308.0	360.0	411.3
50°	0.0	18.3	45.8	86.1	130.0	176.7	225.4	276.8	330.8	385.5	439.6
47.5°	0.0	19.2	49.7	92.4	139.0	189.2	240.5	296.0	352.6	410.1	467.0
45°	0.0	20.1	53.5	98.9	147.6	201.3	256.2	314.4	373.7	433.7	493.3
42.5°	0.0	20.9	57.1	105.0	155.8	212.9	271.2	331.9	393.7	456.4	518.2
40°	0.0	21.8	60.5	110.7	164.2	224.0	285.4	348.5	412.8	478.0	542.1
37.5°	0.0	22.5	63.7	116.0	172.6	234.7	298.7	364.0	431.3	498.9	565.1
35°	0.0	23.3	66.6	121.0	180.6	245.1	311.3	378.6	448.9	518.4	586.6
32.5°	0.0	24.0	69.4	125.6	188.2	254.9	322.9	392.1	465.6	536.6	605.5
30°	0.0	24.6	72.0	129.9	195.3	264.0	333.7	404.9	481.3	553.3	623.1
27.5°	0.0	25.2	74.3	133.9	201.6	272.3	343.7	417.5	495.6	568.6	639.4
25°	0.0	25.7	76.4	137.5	207.3	280.0	352.7	429.1	508.1	582.1	654.3
22.5°	0.0	26.2	78.3	140.8	212.5	286.8	360.7	439.7	519.3	594.1	667.8
20°	0.0	26.7	80.0	143.7	217.1	292.6	367.9	449.3	529.2	604.8	679.8
17.5°	0.0	27.1	81.4	146.2	221.2	297.6	374.3	457.8	537.8	614.2	690.3
15°	0.0	27.4	82.6	148.3	224.6	301.9	380.2	465.5	545.1	622.3	699.3
12.5°	0.0	27.7	83.6	150.1	227.4	305.5	385.2	472.3	551.5	628.9	706.8
10°	0.0	28.0	84.3	151.5	229.7	308.3	389.4	477.8	557.1	635.2	713.1
7.5°	0.0	28.2	84.9	152.5	231.3	310.4	392.7	482.2	561.5	640.2	718.7
5°	0.0	28.3	85.2	153.1	232.4	311.7	395.0	485.3	564.7	643.7	722.8
2.5°	0.0	28.4	85.2	153.3	232.8	312.2	396.5	487.2	566.6	645.9	725.2
0°	0.0	28.4	85.1	153.1	232.6	312.0	397.0	487.8	567.2	646.6	726.0
-2.5°	0.0	28.4	85.2	153.3	232.8	312.2	396.5	487.2	566.6	645.9	725.2
-5°	0.0	28.3	85.2	153.1	232.4	311.7	395.0	485.3	564.7	643.7	722.8
-7.5°	0.0	28.2	84.9	152.5	231.3	310.4	392.7	482.2	561.5	640.2	718.7
-10°	0.0	28.0	84.3	151.5	229.7	308.3	389.4	477.8	557.1	635.2	713.1
-12.5°	0.0	27.7	83.6	150.1	227.4	305.5	385.2	472.3	551.5	628.9	706.8
-15°	0.0	27.4	82.6	148.3	224.6	301.9	380.2	465.5	545.1	622.3	699.3
-17.5°	0.0	27.1	81.4	146.2	221.2	297.6	374.3	457.8	537.8	614.2	690.3
-20°	0.0	26.7	80.0	143.7	217.1	292.6	367.9	449.3	529.2	604.8	679.8

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CATALOG NUMBER: GFLD-SA6C-722-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	26.2	78.3	140.8	212.5	286.8	360.7	439.7	519.3	594.1	667.8
-25°	0.0	25.7	76.4	137.5	207.3	280.0	352.7	429.1	508.1	582.1	654.3
-27.5°	0.0	25.2	74.3	133.9	201.6	272.3	343.7	417.5	495.6	568.6	639.4
-30°	0.0	24.6	72.0	129.9	195.3	264.0	333.7	404.9	481.3	553.3	623.1
-32.5°	0.0	24.0	69.4	125.6	188.2	254.9	322.9	392.1	465.6	536.6	605.5
-35°	0.0	23.3	66.6	121.0	180.6	245.1	311.3	378.6	448.9	518.4	586.6
-37.5°	0.0	22.5	63.7	116.0	172.6	234.7	298.7	364.0	431.3	498.9	565.1
-40°	0.0	21.8	60.5	110.7	164.2	224.0	285.4	348.5	412.8	478.0	542.1
-42.5°	0.0	20.9	57.1	105.0	155.8	212.9	271.2	331.9	393.7	456.4	518.2
-45°	0.0	20.1	53.5	98.9	147.6	201.3	256.2	314.4	373.7	433.7	493.3
-47.5°	0.0	19.2	49.7	92.4	139.0	189.2	240.5	296.0	352.6	410.1	467.0
-50°	0.0	18.3	45.8	86.1	130.0	176.7	225.4	276.8	330.8	385.5	439.6
-52.5°	0.0	17.3	41.7	79.8	120.6	163.8	210.0	256.7	308.0	360.0	411.3
-55°	0.0	16.3	37.4	73.2	110.8	151.3	194.2	236.2	284.3	333.6	382.0
-57.5°	0.0	15.3	32.9	66.4	100.7	138.6	178.0	217.5	259.7	305.9	351.9
-60°	0.0	14.2	28.4	59.4	90.3	125.4	161.5	198.4	235.0	277.1	320.5
-62.5°	0.0	13.1	26.2	52.2	80.8	111.8	145.1	178.8	212.3	247.4	287.2
-65°	0.0	12.0	24.0	44.9	71.0	97.9	128.1	158.6	189.0	220.1	253.0
-67.5°	0.0	10.9	21.7	37.5	61.1	84.6	110.8	138.2	165.1	192.9	221.2
-70°	0.0	9.7	19.4	29.9	51.0	72.0	93.1	117.4	141.4	165.1	190.0
-72.5°	0.0	8.5	17.1	25.6	40.7	59.1	77.4	96.3	117.4	138.2	158.6
-75°	0.0	7.3	14.7	22.0	30.3	46.2	61.9	77.6	93.1	111.0	128.5
-77.5°	0.0	6.1	12.3	18.4	24.5	33.0	46.2	59.7	72.7	85.0	98.1
-80°	0.0	4.9	9.9	14.8	19.6	24.5	30.3	41.7	52.7	63.0	72.8
-82.5°	0.0	3.7	7.4	11.1	14.8	18.4	22.0	26.7	32.5	41.0	49.0
-85°	0.0	2.5	4.9	7.4	9.9	12.3	14.7	17.9	21.3	24.9	28.7
-87.5°	0.0	1.2	2.5	3.7	4.9	6.1	7.3	9.0	10.7	12.5	14.4
-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°	15.7	17.0	18.3	19.5	20.7	21.9	23.0	24.0	25.1	26.0	27.0
85°	31.4	34.0	38.5	43.1	47.5	51.8	55.9	59.8	63.6	67.2	70.6
82.5°	56.2	63.5	71.0	78.7	85.4	91.7	98.0	104.5	110.9	117.3	123.7
80°	82.7	92.9	104.6	115.7	125.5	134.8	143.7	152.3	161.7	171.7	181.8
77.5°	113.3	127.8	141.5	154.4	166.8	180.3	193.3	205.9	219.0	231.9	244.2
75°	146.0	162.7	180.2	197.4	214.2	230.5	246.3	262.5	278.8	295.0	310.5
72.5°	179.8	200.9	221.6	241.7	262.6	282.9	302.5	321.4	340.9	360.7	379.7
70°	214.9	239.0	264.5	289.1	312.6	336.3	360.2	383.3	405.8	428.8	451.7
67.5°	250.3	280.6	309.3	336.6	364.2	392.1	419.1	446.7	473.4	500.3	525.9
65°	289.3	322.4	353.8	385.0	416.4	449.1	481.1	511.9	542.8	572.8	599.7
62.5°	327.5	362.7	397.4	433.0	470.4	507.2	542.0	577.3	613.3	644.6	671.9
60°	362.7	401.7	440.6	481.1	522.5	562.0	601.0	639.4	678.2	714.3	736.5
57.5°	396.6	439.8	482.9	526.6	570.1	614.2	655.2	697.5	733.4	763.8	789.6
55°	429.7	476.6	522.5	568.3	615.3	661.4	706.1	746.2	781.3	806.7	831.6
52.5°	461.9	511.4	558.7	608.3	658.2	707.2	753.8	791.0	819.8	845.8	869.0
50°	493.1	543.4	593.5	647.1	699.9	751.7	795.6	828.1	857.4	882.6	907.0
47.5°	522.4	574.8	628.3	684.7	740.3	790.3	830.6	864.7	894.6	921.9	950.7
45°	550.5	606.2	662.7	720.9	777.6	826.0	864.8	901.5	929.6	960.3	993.4
42.5°	577.8	636.3	695.5	755.7	813.0	858.2	896.9	930.6	963.6	1000.0	1040.0
40°	603.8	664.8	726.5	789.1	846.3	886.3	924.3	960.0	1000.0	1043.3	1089.6
37.5°	628.2	691.4	755.6	820.6	870.8	912.0	951.0	990.7	1037.2	1087.4	1150.2
35°	651.0	716.3	782.6	845.1	892.7	936.5	976.7	1021.1	1075.4	1141.0	1221.5
32.5°	672.1	739.3	807.6	864.8	913.0	958.4	999.7	1055.1	1120.4	1198.4	1312.4
30°	691.5	760.4	828.9	884.2	931.2	976.8	1027.2	1089.5	1165.9	1279.8	1425.7
27.5°	709.6	779.5	845.5	900.4	947.5	994.5	1053.5	1129.1	1229.5	1365.5	1546.8
25°	726.2	797.7	861.5	913.9	962.6	1014.8	1078.9	1163.8	1295.9	1471.6	1716.5
22.5°	741.1	814.2	876.9	925.7	976.8	1033.3	1108.0	1214.3	1366.7	1571.7	1887.6
20°	754.5	826.7	888.4	936.8	989.8	1048.6	1134.0	1262.2	1446.0	1711.5	2114.8
17.5°	766.3	837.6	897.0	947.4	1002.6	1066.0	1159.4	1303.7	1516.4	1833.4	2344.4
15°	776.3	846.9	904.3	956.5	1013.7	1085.8	1194.6	1357.9	1598.2	1960.2	2544.5
12.5°	784.6	854.6	910.2	963.9	1022.8	1102.5	1224.8	1409.1	1683.2	2116.1	2839.4
10°	791.2	860.7	914.7	969.7	1030.0	1115.8	1249.3	1450.9	1753.5	2251.0	3090.9
7.5°	797.3	865.1	917.9	973.8	1035.1	1125.7	1267.9	1483.1	1807.5	2356.9	3290.0
5°	801.8	867.8	919.6	976.1	1039.3	1132.2	1280.5	1505.5	1844.7	2432.7	3430.0
2.5°	804.5	868.6	920.0	976.7	1042.5	1135.1	1287.1	1517.9	1874.0	2468.6	3505.3
0°	805.4	867.8	918.9	975.6	1043.6	1134.4	1287.5	1520.1	1888.8	2467.3	3516.6
-2.5°	804.5	868.6	920.0	976.7	1042.5	1135.1	1287.1	1517.9	1874.0	2468.6	3505.3
-5°	801.8	867.8	919.6	976.1	1039.3	1132.2	1280.5	1505.5	1844.7	2432.7	3430.0
-7.5°	797.3	865.1	917.9	973.8	1035.1	1125.7	1267.9	1483.1	1807.5	2356.9	3290.0
-10°	791.2	860.7	914.7	969.7	1030.0	1115.8	1249.3	1450.9	1753.5	2251.0	3090.9
-12.5°	784.6	854.6	910.2	963.9	1022.8	1102.5	1224.8	1409.1	1683.2	2116.1	2839.4
-15°	776.3	846.9	904.3	956.5	1013.7	1085.8	1194.6	1357.9	1598.2	1960.2	2544.5
-17.5°	766.3	837.6	897.0	947.4	1002.6	1066.0	1159.4	1303.7	1516.4	1833.4	2344.4
-20°	754.5	826.7	888.4	936.8	989.8	1048.6	1134.0	1262.2	1446.0	1711.5	2114.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	741.1	814.2	876.9	925.7	976.8	1033.3	1108.0	1214.3	1366.7	1571.7	1887.6
-25°	726.2	797.7	861.5	913.9	962.6	1014.8	1078.9	1163.8	1295.9	1471.6	1716.5
-27.5°	709.6	779.5	845.5	900.4	947.5	994.5	1053.5	1129.1	1229.5	1365.5	1546.8
-30°	691.5	760.4	828.9	884.2	931.2	976.8	1027.2	1089.5	1165.9	1279.8	1425.7
-32.5°	672.1	739.3	807.6	864.8	913.0	958.4	999.7	1055.1	1120.4	1198.4	1312.4
-35°	651.0	716.3	782.6	845.1	892.7	936.5	976.7	1021.1	1075.4	1141.0	1221.5
-37.5°	628.2	691.4	755.6	820.6	870.8	912.0	951.0	990.7	1037.2	1087.4	1150.2
-40°	603.8	664.8	726.5	789.1	846.3	886.3	924.3	960.0	1000.0	1043.3	1089.6
-42.5°	577.8	636.3	695.5	755.7	813.0	858.2	896.9	930.6	963.6	1000.0	1040.0
-45°	550.5	606.2	662.7	720.9	777.6	826.0	864.8	901.5	929.6	960.3	993.4
-47.5°	522.4	574.8	628.3	684.7	740.3	790.3	830.6	864.7	894.6	921.9	950.7
-50°	493.1	543.4	593.5	647.1	699.9	751.7	795.6	828.1	857.4	882.6	907.0
-52.5°	461.9	511.4	558.7	608.3	658.2	707.2	753.8	791.0	819.8	845.8	869.0
-55°	429.7	476.6	522.5	568.3	615.3	661.4	706.1	746.2	781.3	806.7	831.6
-57.5°	396.6	439.8	482.9	526.6	570.1	614.2	655.2	697.5	733.4	763.8	789.6
-60°	362.7	401.7	440.6	481.1	522.5	562.0	601.0	639.4	678.2	714.3	736.5
-62.5°	327.5	362.7	397.4	433.0	470.4	507.2	542.0	577.3	613.3	644.6	671.9
-65°	289.3	322.4	353.8	385.0	416.4	449.1	481.1	511.9	542.8	572.8	599.7
-67.5°	250.3	280.6	309.3	336.6	364.2	392.1	419.1	446.7	473.4	500.3	525.9
-70°	214.9	239.0	264.5	289.1	312.6	336.3	360.2	383.3	405.8	428.8	451.7
-72.5°	179.8	200.9	221.6	241.7	262.6	282.9	302.5	321.4	340.9	360.7	379.7
-75°	146.0	162.7	180.2	197.4	214.2	230.5	246.3	262.5	278.8	295.0	310.5
-77.5°	113.3	127.8	141.5	154.4	166.8	180.3	193.3	205.9	219.0	231.9	244.2
-80°	82.7	92.9	104.6	115.7	125.5	134.8	143.7	152.3	161.7	171.7	181.8
-82.5°	56.2	63.5	71.0	78.7	85.4	91.7	98.0	104.5	110.9	117.3	123.7
-85°	31.4	34.0	38.5	43.1	47.5	51.8	55.9	59.8	63.6	67.2	70.6
-87.5°	15.7	17.0	18.3	19.5	20.7	21.9	23.0	24.0	25.1	26.0	27.0
-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: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	27.8	27.5	27.0	26.4	25.7	27.5	29.3	31.1	32.8	31.8	30.7
85°	73.8	75.5	76.9	78.1	79.1	82.6	86.0	89.2	92.1	92.1	91.7
82.5°	129.9	134.1	137.7	140.9	143.8	147.9	151.6	154.8	157.5	159.5	161.3
80°	191.5	198.3	204.1	209.3	214.1	219.5	224.6	229.1	233.0	235.1	236.4
77.5°	256.5	266.4	275.2	283.7	291.7	299.6	306.8	313.3	318.9	320.2	319.9
75°	325.2	338.5	351.0	362.6	373.3	382.5	390.3	396.8	402.1	404.8	406.3
72.5°	397.8	414.2	428.9	442.2	453.5	463.0	471.2	478.3	484.3	488.1	490.4
70°	473.4	492.8	507.9	520.4	530.1	539.5	550.1	560.2	569.6	574.9	576.9
67.5°	549.3	569.4	583.2	594.6	603.5	612.8	626.1	638.1	648.7	655.9	660.5
65°	623.5	644.7	658.6	669.4	677.6	686.9	701.8	713.7	722.7	729.9	736.4
62.5°	696.9	718.2	733.6	746.5	758.4	768.7	780.9	790.9	798.6	805.7	813.7
60°	760.4	785.7	801.9	815.0	829.8	845.7	854.7	862.2	868.7	874.4	879.4
57.5°	812.3	834.9	855.7	871.5	886.8	901.6	912.3	919.3	925.0	929.2	930.9
55°	855.8	879.1	902.3	919.4	934.5	948.4	960.0	969.1	976.7	982.6	984.1
52.5°	894.7	920.9	943.7	963.4	983.4	999.7	1012.5	1024.9	1035.8	1044.5	1048.3
50°	937.0	964.5	992.9	1019.3	1040.6	1059.2	1074.8	1092.3	1110.8	1126.1	1135.8
47.5°	981.6	1013.2	1047.6	1080.1	1105.3	1132.9	1158.6	1184.7	1219.1	1248.0	1269.5
45°	1028.2	1068.7	1108.0	1149.2	1184.0	1236.1	1284.5	1326.0	1381.2	1431.3	1471.1
42.5°	1083.2	1133.7	1181.8	1248.0	1317.2	1388.4	1465.3	1530.9	1617.2	1705.0	1776.0
40°	1148.3	1212.9	1297.7	1386.5	1495.8	1593.7	1726.4	1844.7	1977.2	2144.6	2283.0
37.5°	1226.8	1326.2	1444.3	1568.0	1738.5	1901.2	2120.7	2352.0	2561.8	2883.9	3154.9
35°	1328.7	1467.7	1623.1	1842.2	2083.4	2388.5	2730.8	3177.5	3560.5	4103.8	4623.0
32.5°	1460.0	1638.7	1892.5	2230.7	2587.2	3141.2	3684.4	4459.9	5178.0	6039.2	6968.5
30°	1606.1	1878.0	2265.9	2729.7	3394.8	4209.8	5167.3	6358.4	7662.0	8872.3	10065.0
27.5°	1817.9	2207.5	2717.0	3465.5	4502.0	5642.2	7319.9	8936.8	10623.7	12123.2	13373.9
25°	2065.2	2580.0	3367.9	4470.0	5871.8	7824.3	9832.5	11828.1	13642.3	15212.2	16594.0
22.5°	2384.4	3124.9	4175.3	5602.8	7785.7	10125.9	12480.8	14681.9	16617.1	18365.2	19861.0
20°	2731.8	3658.3	5158.3	7286.9	9783.3	12449.4	15108.4	17453.1	19583.9	21566.0	23251.8
17.5°	3171.9	4469.5	6369.0	8922.5	11808.7	14729.9	17523.3	20067.7	22485.1	24582.5	26344.0
15°	3547.0	5183.9	7663.0	10657.8	13779.7	16861.1	19810.1	22573.9	25087.3	27239.3	28895.2
12.5°	4047.4	5984.5	8811.9	12149.6	15532.6	18774.9	21881.2	24737.7	27295.5	29423.9	30713.0
10°	4520.3	6813.4	9922.4	13403.1	16917.8	20372.3	23689.0	26618.7	28993.4	30686.5	31785.0
7.5°	4922.4	7525.9	10825.7	14416.3	18018.3	21630.1	24987.4	27837.9	30027.5	31441.4	32206.2
5°	5222.7	8058.4	11496.1	15239.6	18935.8	22611.0	25942.1	28618.0	30510.5	31560.8	31944.8
2.5°	5414.0	8371.2	11885.2	15779.7	19549.8	23231.6	26596.9	29230.9	30836.5	31532.7	31598.9
0°	5490.5	8411.6	11945.2	16063.1	19704.6	23408.4	26783.2	29483.1	30957.8	31530.7	31519.3
-2.5°	5414.0	8371.2	11885.2	15779.7	19549.8	23231.6	26596.9	29230.9	30836.5	31532.7	31598.9
-5°	5222.7	8058.4	11496.1	15239.6	18935.8	22611.0	25942.1	28618.0	30510.5	31560.8	31944.8
-7.5°	4922.4	7525.9	10825.7	14416.3	18018.3	21630.1	24987.4	27837.9	30027.5	31441.4	32206.2
-10°	4520.3	6813.4	9922.4	13403.1	16917.8	20372.3	23689.0	26618.7	28993.4	30686.5	31785.0
-12.5°	4047.4	5984.5	8811.9	12149.6	15532.6	18774.9	21881.2	24737.7	27295.5	29423.9	30713.0
-15°	3547.0	5183.9	7663.0	10657.8	13779.7	16861.1	19810.1	22573.9	25087.3	27239.3	28895.2
-17.5°	3171.9	4469.5	6369.0	8922.5	11808.7	14729.9	17523.3	20067.7	22485.1	24582.5	26344.0
-20°	2731.8	3658.3	5158.3	7286.9	9783.3	12449.4	15108.4	17453.1	19583.9	21566.0	23251.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2384.4	3124.9	4175.3	5602.8	7785.7	10125.9	12480.8	14681.9	16617.1	18365.2	19861.0
-25°	2065.2	2580.0	3367.9	4470.0	5871.8	7824.3	9832.5	11828.1	13642.3	15212.2	16594.0
-27.5°	1817.9	2207.5	2717.0	3465.5	4502.0	5642.2	7319.9	8936.8	10623.7	12123.2	13373.9
-30°	1606.1	1878.0	2265.9	2729.7	3394.8	4209.8	5167.3	6358.4	7662.0	8872.3	10065.0
-32.5°	1460.0	1638.7	1892.5	2230.7	2587.2	3141.2	3684.4	4459.9	5178.0	6039.2	6968.5
-35°	1328.7	1467.7	1623.1	1842.2	2083.4	2388.5	2730.8	3177.5	3560.5	4103.8	4623.0
-37.5°	1226.8	1326.2	1444.3	1568.0	1738.5	1901.2	2120.7	2352.0	2561.8	2883.9	3154.9
-40°	1148.3	1212.9	1297.7	1386.5	1495.8	1593.7	1726.4	1844.7	1977.2	2144.6	2283.0
-42.5°	1083.2	1133.7	1181.8	1248.0	1317.2	1388.4	1465.3	1530.9	1617.2	1705.0	1776.0
-45°	1028.2	1068.7	1108.0	1149.2	1184.0	1236.1	1284.5	1326.0	1381.2	1431.3	1471.1
-47.5°	981.6	1013.2	1047.6	1080.1	1105.3	1132.9	1158.6	1184.7	1219.1	1248.0	1269.5
-50°	937.0	964.5	992.9	1019.3	1040.6	1059.2	1074.8	1092.3	1110.8	1126.1	1135.8
-52.5°	894.7	920.9	943.7	963.4	983.4	999.7	1012.5	1024.9	1035.8	1044.5	1048.3
-55°	855.8	879.1	902.3	919.4	934.5	948.4	960.0	969.1	976.7	982.6	984.1
-57.5°	812.3	834.9	855.7	871.5	886.8	901.6	912.3	919.3	925.0	929.2	930.9
-60°	760.4	785.7	801.9	815.0	829.8	845.7	854.7	862.2	868.7	874.4	879.4
-62.5°	696.9	718.2	733.6	746.5	758.4	768.7	780.9	790.9	798.6	805.7	813.7
-65°	623.5	644.7	658.6	669.4	677.6	686.9	701.8	713.7	722.7	729.9	736.4
-67.5°	549.3	569.4	583.2	594.6	603.5	612.8	626.1	638.1	648.7	655.9	660.5
-70°	473.4	492.8	507.9	520.4	530.1	539.5	550.1	560.2	569.6	574.9	576.9
-72.5°	397.8	414.2	428.9	442.2	453.5	463.0	471.2	478.3	484.3	488.1	490.4
-75°	325.2	338.5	351.0	362.6	373.3	382.5	390.3	396.8	402.1	404.8	406.3
-77.5°	256.5	266.4	275.2	283.7	291.7	299.6	306.8	313.3	318.9	320.2	319.9
-80°	191.5	198.3	204.1	209.3	214.1	219.5	224.6	229.1	233.0	235.1	236.4
-82.5°	129.9	134.1	137.7	140.9	143.8	147.9	151.6	154.8	157.5	159.5	161.3
-85°	73.8	75.5	76.9	78.1	79.1	82.6	86.0	89.2	92.1	92.1	91.7
-87.5°	27.8	27.5	27.0	26.4	25.7	27.5	29.3	31.1	32.8	31.8	30.7
-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: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	29.5	28.3	28.4	28.4	28.4	28.3	29.5	30.7	31.8	32.8	31.1
85°	91.1	90.3	87.8	85.1	87.8	90.3	91.1	91.7	92.1	92.1	89.2
82.5°	162.6	163.7	161.5	158.8	161.5	163.7	162.6	161.3	159.5	157.5	154.8
80°	237.1	237.1	235.2	232.6	235.2	237.1	237.1	236.4	235.1	233.0	229.1
77.5°	318.6	316.3	317.2	317.6	317.2	316.3	318.6	319.9	320.2	318.9	313.3
75°	406.8	406.5	405.1	402.7	405.1	406.5	406.8	406.3	404.8	402.1	396.8
72.5°	491.5	491.4	490.2	487.8	490.2	491.4	491.5	490.4	488.1	484.3	478.3
70°	577.4	576.3	577.8	578.5	577.8	576.3	577.4	576.9	574.9	569.6	560.2
67.5°	664.0	666.3	665.9	663.6	665.9	666.3	664.0	660.5	655.9	648.7	638.1
65°	741.6	745.5	747.9	748.7	747.9	745.5	741.6	736.4	729.9	722.7	713.7
62.5°	820.0	824.5	824.7	822.4	824.7	824.5	820.0	813.7	805.7	798.6	790.9
60°	882.1	882.8	881.7	879.2	881.7	882.8	882.1	879.4	874.4	868.7	862.2
57.5°	930.9	929.2	927.2	924.5	927.2	929.2	930.9	930.9	929.2	925.0	919.3
55°	983.3	980.6	978.3	975.6	978.3	980.6	983.3	984.1	982.6	976.7	969.1
52.5°	1049.1	1047.7	1046.1	1043.6	1046.1	1047.7	1049.1	1048.3	1044.5	1035.8	1024.9
50°	1140.7	1142.1	1142.0	1140.1	1142.0	1142.1	1140.7	1135.8	1126.1	1110.8	1092.3
47.5°	1283.1	1290.7	1295.8	1298.9	1295.8	1290.7	1283.1	1269.5	1248.0	1219.1	1184.7
45°	1496.6	1511.8	1522.5	1531.4	1522.5	1511.8	1496.6	1471.1	1431.3	1381.2	1326.0
42.5°	1825.9	1859.9	1875.9	1871.8	1875.9	1859.9	1825.9	1776.0	1705.0	1617.2	1530.9
40°	2375.2	2429.9	2460.2	2484.3	2460.2	2429.9	2375.2	2283.0	2144.6	1977.2	1844.7
37.5°	3339.9	3446.1	3502.1	3550.7	3502.1	3446.1	3339.9	3154.9	2883.9	2561.8	2352.0
35°	5011.0	5250.0	5378.0	5422.4	5378.0	5250.0	5011.0	4623.0	4103.8	3560.5	3177.5
32.5°	7691.7	8132.6	8376.4	8564.7	8376.4	8132.6	7691.7	6968.5	6039.2	5178.0	4459.9
30°	11009.4	11590.1	11912.5	12070.0	11912.5	11590.1	11009.4	10065.0	8872.3	7662.0	6358.4
27.5°	14410.5	15070.6	15418.3	15399.5	15418.3	15070.6	14410.5	13373.9	12123.2	10623.7	8936.8
25°	17778.6	18543.2	18889.7	19199.7	18889.7	18543.2	17778.6	16594.0	15212.2	13642.3	11828.1
22.5°	21185.1	22079.2	22567.0	22795.8	22567.0	22079.2	21185.1	19861.0	18365.2	16617.1	14681.9
20°	24551.0	25546.3	26064.3	26289.8	26064.3	25546.3	24551.0	23251.8	21566.0	19583.9	17453.1
17.5°	27536.3	28507.9	29001.6	29210.8	29001.6	28507.9	27536.3	26344.0	24582.5	22485.1	20067.7
15°	29920.0	30636.7	31056.5	31167.7	31056.5	30636.7	29920.0	28895.2	27239.3	25087.3	22573.9
12.5°	31567.8	31845.3	32047.3	32109.2	32047.3	31845.3	31567.8	30713.0	29423.9	27295.5	24737.7
10°	32410.1	32284.9	32233.1	32239.7	32233.1	32284.9	32410.1	31785.0	30686.5	28993.4	26618.7
7.5°	32352.2	32166.7	31794.2	31734.9	31794.2	32166.7	32352.2	32206.2	31441.4	30027.5	27837.9
5°	31887.4	31549.7	30931.3	30753.6	30931.3	31549.7	31887.4	31944.8	31560.8	30510.5	28618.0
2.5°	31345.6	30736.9	30167.3	29800.7	30167.3	30736.9	31345.6	31598.9	31532.7	30836.5	29230.9
0°	31184.7	30481.4	29744.0	29505.8	29744.0	30481.4	31184.7	31519.3	31530.7	30957.8	29483.1
-2.5°	31345.6	30736.9	30167.3	29800.7	30167.3	30736.9	31345.6	31598.9	31532.7	30836.5	29230.9
-5°	31887.4	31549.7	30931.3	30753.6	30931.3	31549.7	31887.4	31944.8	31560.8	30510.5	28618.0
-7.5°	32352.2	32166.7	31794.2	31734.9	31794.2	32166.7	32352.2	32206.2	31441.4	30027.5	27837.9
-10°	32410.1	32284.9	32233.1	32239.7	32233.1	32284.9	32410.1	31785.0	30686.5	28993.4	26618.7
-12.5°	31567.8	31845.3	32047.3	32109.2	32047.3	31845.3	31567.8	30713.0	29423.9	27295.5	24737.7
-15°	29920.0	30636.7	31056.5	31167.7	31056.5	30636.7	29920.0	28895.2	27239.3	25087.3	22573.9
-17.5°	27536.3	28507.9	29001.6	29210.8	29001.6	28507.9	27536.3	26344.0	24582.5	22485.1	20067.7
-20°	24551.0	25546.3	26064.3	26289.8	26064.3	25546.3	24551.0	23251.8	21566.0	19583.9	17453.1



REPORT NUMBER: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	21185.1	22079.2	22567.0	22795.8	22567.0	22079.2	21185.1	19861.0	18365.2	16617.1	14681.9
-25°	17778.6	18543.2	18889.7	19199.7	18889.7	18543.2	17778.6	16594.0	15212.2	13642.3	11828.1
-27.5°	14410.5	15070.6	15418.3	15399.5	15418.3	15070.6	14410.5	13373.9	12123.2	10623.7	8936.8
-30°	11009.4	11590.1	11912.5	12070.0	11912.5	11590.1	11009.4	10065.0	8872.3	7662.0	6358.4
-32.5°	7691.7	8132.6	8376.4	8564.7	8376.4	8132.6	7691.7	6968.5	6039.2	5178.0	4459.9
-35°	5011.0	5250.0	5378.0	5422.4	5378.0	5250.0	5011.0	4623.0	4103.8	3560.5	3177.5
-37.5°	3339.9	3446.1	3502.1	3550.7	3502.1	3446.1	3339.9	3154.9	2883.9	2561.8	2352.0
-40°	2375.2	2429.9	2460.2	2484.3	2460.2	2429.9	2375.2	2283.0	2144.6	1977.2	1844.7
-42.5°	1825.9	1859.9	1875.9	1871.8	1875.9	1859.9	1825.9	1776.0	1705.0	1617.2	1530.9
-45°	1496.6	1511.8	1522.5	1531.4	1522.5	1511.8	1496.6	1471.1	1431.3	1381.2	1326.0
-47.5°	1283.1	1290.7	1295.8	1298.9	1295.8	1290.7	1283.1	1269.5	1248.0	1219.1	1184.7
-50°	1140.7	1142.1	1142.0	1140.1	1142.0	1142.1	1140.7	1135.8	1126.1	1110.8	1092.3
-52.5°	1049.1	1047.7	1046.1	1043.6	1046.1	1047.7	1049.1	1048.3	1044.5	1035.8	1024.9
-55°	983.3	980.6	978.3	975.6	978.3	980.6	983.3	984.1	982.6	976.7	969.1
-57.5°	930.9	929.2	927.2	924.5	927.2	929.2	930.9	930.9	929.2	925.0	919.3
-60°	882.1	882.8	881.7	879.2	881.7	882.8	882.1	879.4	874.4	868.7	862.2
-62.5°	820.0	824.5	824.7	822.4	824.7	824.5	820.0	813.7	805.7	798.6	790.9
-65°	741.6	745.5	747.9	748.7	747.9	745.5	741.6	736.4	729.9	722.7	713.7
-67.5°	664.0	666.3	665.9	663.6	665.9	666.3	664.0	660.5	655.9	648.7	638.1
-70°	577.4	576.3	577.8	578.5	577.8	576.3	577.4	576.9	574.9	569.6	560.2
-72.5°	491.5	491.4	490.2	487.8	490.2	491.4	491.5	490.4	488.1	484.3	478.3
-75°	406.8	406.5	405.1	402.7	405.1	406.5	406.8	406.3	404.8	402.1	396.8
-77.5°	318.6	316.3	317.2	317.6	317.2	316.3	318.6	319.9	320.2	318.9	313.3
-80°	237.1	237.1	235.2	232.6	235.2	237.1	237.1	236.4	235.1	233.0	229.1
-82.5°	162.6	163.7	161.5	158.8	161.5	163.7	162.6	161.3	159.5	157.5	154.8
-85°	91.1	90.3	87.8	85.1	87.8	90.3	91.1	91.7	92.1	92.1	89.2
-87.5°	29.5	28.3	28.4	28.4	28.4	28.3	29.5	30.7	31.8	32.8	31.1
-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: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	29.3	27.5	25.7	26.4	27.0	27.5	27.8	27.0	26.0	25.1	24.0
85°	86.0	82.6	79.1	78.1	76.9	75.5	73.8	70.6	67.2	63.6	59.8
82.5°	151.6	147.9	143.8	140.9	137.7	134.1	129.9	123.7	117.3	110.9	104.5
80°	224.6	219.5	214.1	209.3	204.1	198.3	191.5	181.8	171.7	161.7	152.3
77.5°	306.8	299.6	291.7	283.7	275.2	266.4	256.5	244.2	231.9	219.0	205.9
75°	390.3	382.5	373.3	362.6	351.0	338.5	325.2	310.5	295.0	278.8	262.5
72.5°	471.2	463.0	453.5	442.2	428.9	414.2	397.8	379.7	360.7	340.9	321.4
70°	550.1	539.5	530.1	520.4	507.9	492.8	473.4	451.7	428.8	405.8	383.3
67.5°	626.1	612.8	603.5	594.6	583.2	569.4	549.3	525.9	500.3	473.4	446.7
65°	701.8	686.9	677.6	669.4	658.6	644.7	623.5	599.7	572.8	542.8	511.9
62.5°	780.9	768.7	758.4	746.5	733.6	718.2	696.9	671.9	644.6	613.3	577.3
60°	854.7	845.7	829.8	815.0	801.9	785.7	760.4	736.5	714.3	678.2	639.4
57.5°	912.3	901.6	886.8	871.5	855.7	834.9	812.3	789.6	763.8	733.4	697.5
55°	960.0	948.4	934.5	919.4	902.3	879.1	855.8	831.6	806.7	781.3	746.2
52.5°	1012.5	999.7	983.4	963.4	943.7	920.9	894.7	869.0	845.8	819.8	791.0
50°	1074.8	1059.2	1040.6	1019.3	992.9	964.5	937.0	907.0	882.6	857.4	828.1
47.5°	1158.6	1132.9	1105.3	1080.1	1047.6	1013.2	981.6	950.7	921.9	894.6	864.7
45°	1284.5	1236.1	1184.0	1149.2	1108.0	1068.7	1028.2	993.4	960.3	929.6	901.5
42.5°	1465.3	1388.4	1317.2	1248.0	1181.8	1133.7	1083.2	1040.0	1000.0	963.6	930.6
40°	1726.4	1593.7	1495.8	1386.5	1297.7	1212.9	1148.3	1089.6	1043.3	1000.0	960.0
37.5°	2120.7	1901.2	1738.5	1568.0	1444.3	1326.2	1226.8	1150.2	1087.4	1037.2	990.7
35°	2730.8	2388.5	2083.4	1842.2	1623.1	1467.7	1328.7	1221.5	1141.0	1075.4	1021.1
32.5°	3684.4	3141.2	2587.2	2230.7	1892.5	1638.7	1460.0	1312.4	1198.4	1120.4	1055.1
30°	5167.3	4209.8	3394.8	2729.7	2265.9	1878.0	1606.1	1425.7	1279.8	1165.9	1089.5
27.5°	7319.9	5642.2	4502.0	3465.5	2717.0	2207.5	1817.9	1546.8	1365.5	1229.5	1129.1
25°	9832.5	7824.3	5871.8	4470.0	3367.9	2580.0	2065.2	1716.5	1471.6	1295.9	1163.8
22.5°	12480.8	10125.9	7785.7	5602.8	4175.3	3124.9	2384.4	1887.6	1571.7	1366.7	1214.3
20°	15108.4	12449.4	9783.3	7286.9	5158.3	3658.3	2731.8	2114.8	1711.5	1446.0	1262.2
17.5°	17523.3	14729.9	11808.7	8922.5	6369.0	4469.5	3171.9	2344.4	1833.4	1516.4	1303.7
15°	19810.1	16861.1	13779.7	10657.8	7663.0	5183.9	3547.0	2544.5	1960.2	1598.2	1357.9
12.5°	21881.2	18774.9	15532.6	12149.6	8811.9	5984.5	4047.4	2839.4	2116.1	1683.2	1409.1
10°	23689.0	20372.3	16917.8	13403.1	9922.4	6813.4	4520.3	3090.9	2251.0	1753.5	1450.9
7.5°	24987.4	21630.1	18018.3	14416.3	10825.7	7525.9	4922.4	3290.0	2356.9	1807.5	1483.1
5°	25942.1	22611.0	18935.8	15239.6	11496.1	8058.4	5222.7	3430.0	2432.7	1844.7	1505.5
2.5°	26596.9	23231.6	19549.8	15779.7	11885.2	8371.2	5414.0	3505.3	2468.6	1874.0	1517.9
0°	26783.2	23408.4	19704.6	16063.1	11945.2	8411.6	5490.5	3516.6	2467.3	1888.8	1520.1
-2.5°	26596.9	23231.6	19549.8	15779.7	11885.2	8371.2	5414.0	3505.3	2468.6	1874.0	1517.9
-5°	25942.1	22611.0	18935.8	15239.6	11496.1	8058.4	5222.7	3430.0	2432.7	1844.7	1505.5
-7.5°	24987.4	21630.1	18018.3	14416.3	10825.7	7525.9	4922.4	3290.0	2356.9	1807.5	1483.1
-10°	23689.0	20372.3	16917.8	13403.1	9922.4	6813.4	4520.3	3090.9	2251.0	1753.5	1450.9
-12.5°	21881.2	18774.9	15532.6	12149.6	8811.9	5984.5	4047.4	2839.4	2116.1	1683.2	1409.1
-15°	19810.1	16861.1	13779.7	10657.8	7663.0	5183.9	3547.0	2544.5	1960.2	1598.2	1357.9
-17.5°	17523.3	14729.9	11808.7	8922.5	6369.0	4469.5	3171.9	2344.4	1833.4	1516.4	1303.7
-20°	15108.4	12449.4	9783.3	7286.9	5158.3	3658.3	2731.8	2114.8	1711.5	1446.0	1262.2



REPORT NUMBER: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12480.8	10125.9	7785.7	5602.8	4175.3	3124.9	2384.4	1887.6	1571.7	1366.7	1214.3
-25°	9832.5	7824.3	5871.8	4470.0	3367.9	2580.0	2065.2	1716.5	1471.6	1295.9	1163.8
-27.5°	7319.9	5642.2	4502.0	3465.5	2717.0	2207.5	1817.9	1546.8	1365.5	1229.5	1129.1
-30°	5167.3	4209.8	3394.8	2729.7	2265.9	1878.0	1606.1	1425.7	1279.8	1165.9	1089.5
-32.5°	3684.4	3141.2	2587.2	2230.7	1892.5	1638.7	1460.0	1312.4	1198.4	1120.4	1055.1
-35°	2730.8	2388.5	2083.4	1842.2	1623.1	1467.7	1328.7	1221.5	1141.0	1075.4	1021.1
-37.5°	2120.7	1901.2	1738.5	1568.0	1444.3	1326.2	1226.8	1150.2	1087.4	1037.2	990.7
-40°	1726.4	1593.7	1495.8	1386.5	1297.7	1212.9	1148.3	1089.6	1043.3	1000.0	960.0
-42.5°	1465.3	1388.4	1317.2	1248.0	1181.8	1133.7	1083.2	1040.0	1000.0	963.6	930.6
-45°	1284.5	1236.1	1184.0	1149.2	1108.0	1068.7	1028.2	993.4	960.3	929.6	901.5
-47.5°	1158.6	1132.9	1105.3	1080.1	1047.6	1013.2	981.6	950.7	921.9	894.6	864.7
-50°	1074.8	1059.2	1040.6	1019.3	992.9	964.5	937.0	907.0	882.6	857.4	828.1
-52.5°	1012.5	999.7	983.4	963.4	943.7	920.9	894.7	869.0	845.8	819.8	791.0
-55°	960.0	948.4	934.5	919.4	902.3	879.1	855.8	831.6	806.7	781.3	746.2
-57.5°	912.3	901.6	886.8	871.5	855.7	834.9	812.3	789.6	763.8	733.4	697.5
-60°	854.7	845.7	829.8	815.0	801.9	785.7	760.4	736.5	714.3	678.2	639.4
-62.5°	780.9	768.7	758.4	746.5	733.6	718.2	696.9	671.9	644.6	613.3	577.3
-65°	701.8	686.9	677.6	669.4	658.6	644.7	623.5	599.7	572.8	542.8	511.9
-67.5°	626.1	612.8	603.5	594.6	583.2	569.4	549.3	525.9	500.3	473.4	446.7
-70°	550.1	539.5	530.1	520.4	507.9	492.8	473.4	451.7	428.8	405.8	383.3
-72.5°	471.2	463.0	453.5	442.2	428.9	414.2	397.8	379.7	360.7	340.9	321.4
-75°	390.3	382.5	373.3	362.6	351.0	338.5	325.2	310.5	295.0	278.8	262.5
-77.5°	306.8	299.6	291.7	283.7	275.2	266.4	256.5	244.2	231.9	219.0	205.9
-80°	224.6	219.5	214.1	209.3	204.1	198.3	191.5	181.8	171.7	161.7	152.3
-82.5°	151.6	147.9	143.8	140.9	137.7	134.1	129.9	123.7	117.3	110.9	104.5
-85°	86.0	82.6	79.1	78.1	76.9	75.5	73.8	70.6	67.2	63.6	59.8
-87.5°	29.3	27.5	25.7	26.4	27.0	27.5	27.8	27.0	26.0	25.1	24.0
-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: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	23.0	21.9	20.7	19.5	18.3	17.0	15.7	14.4	12.5	10.7	9.0
85°	55.9	51.8	47.5	43.1	38.5	34.0	31.4	28.7	24.9	21.3	17.9
82.5°	98.0	91.7	85.4	78.7	71.0	63.5	56.2	49.0	41.0	32.5	26.7
80°	143.7	134.8	125.5	115.7	104.6	92.9	82.7	72.8	63.0	52.7	41.7
77.5°	193.3	180.3	166.8	154.4	141.5	127.8	113.3	98.1	85.0	72.7	59.7
75°	246.3	230.5	214.2	197.4	180.2	162.7	146.0	128.5	111.0	93.1	77.6
72.5°	302.5	282.9	262.6	241.7	221.6	200.9	179.8	158.6	138.2	117.4	96.3
70°	360.2	336.3	312.6	289.1	264.5	239.0	214.9	190.0	165.1	141.4	117.4
67.5°	419.1	392.1	364.2	336.6	309.3	280.6	250.3	221.2	192.9	165.1	138.2
65°	481.1	449.1	416.4	385.0	353.8	322.4	289.3	253.0	220.1	189.0	158.6
62.5°	542.0	507.2	470.4	433.0	397.4	362.7	327.5	287.2	247.4	212.3	178.8
60°	601.0	562.0	522.5	481.1	440.6	401.7	362.7	320.5	277.1	235.0	198.4
57.5°	655.2	614.2	570.1	526.6	482.9	439.8	396.6	351.9	305.9	259.7	217.5
55°	706.1	661.4	615.3	568.3	522.5	476.6	429.7	382.0	333.6	284.3	236.2
52.5°	753.8	707.2	658.2	608.3	558.7	511.4	461.9	411.3	360.0	308.0	256.7
50°	795.6	751.7	699.9	647.1	593.5	543.4	493.1	439.6	385.5	330.8	276.8
47.5°	830.6	790.3	740.3	684.7	628.3	574.8	522.4	467.0	410.1	352.6	296.0
45°	864.8	826.0	777.6	720.9	662.7	606.2	550.5	493.3	433.7	373.7	314.4
42.5°	896.9	858.2	813.0	755.7	695.5	636.3	577.8	518.2	456.4	393.7	331.9
40°	924.3	886.3	846.3	789.1	726.5	664.8	603.8	542.1	478.0	412.8	348.5
37.5°	951.0	912.0	870.8	820.6	755.6	691.4	628.2	565.1	498.9	431.3	364.0
35°	976.7	936.5	892.7	845.1	782.6	716.3	651.0	586.6	518.4	448.9	378.6
32.5°	999.7	958.4	913.0	864.8	807.6	739.3	672.1	605.5	536.6	465.6	392.1
30°	1027.2	976.8	931.2	884.2	828.9	760.4	691.5	623.1	553.3	481.3	404.9
27.5°	1053.5	994.5	947.5	900.4	845.5	779.5	709.6	639.4	568.6	495.6	417.5
25°	1078.9	1014.8	962.6	913.9	861.5	797.7	726.2	654.3	582.1	508.1	429.1
22.5°	1108.0	1033.3	976.8	925.7	876.9	814.2	741.1	667.8	594.1	519.3	439.7
20°	1134.0	1048.6	989.8	936.8	888.4	826.7	754.5	679.8	604.8	529.2	449.3
17.5°	1159.4	1066.0	1002.6	947.4	897.0	837.6	766.3	690.3	614.2	537.8	457.8
15°	1194.6	1085.8	1013.7	956.5	904.3	846.9	776.3	699.3	622.3	545.1	465.5
12.5°	1224.8	1102.5	1022.8	963.9	910.2	854.6	784.6	706.8	628.9	551.5	472.3
10°	1249.3	1115.8	1030.0	969.7	914.7	860.7	791.2	713.1	635.2	557.1	477.8
7.5°	1267.9	1125.7	1035.1	973.8	917.9	865.1	797.3	718.7	640.2	561.5	482.2
5°	1280.5	1132.2	1039.3	976.1	919.6	867.8	801.8	722.8	643.7	564.7	485.3
2.5°	1287.1	1135.1	1042.5	976.7	920.0	868.6	804.5	725.2	645.9	566.6	487.2
0°	1287.5	1134.4	1043.6	975.6	918.9	867.8	805.4	726.0	646.6	567.2	487.8
-2.5°	1287.1	1135.1	1042.5	976.7	920.0	868.6	804.5	725.2	645.9	566.6	487.2
-5°	1280.5	1132.2	1039.3	976.1	919.6	867.8	801.8	722.8	643.7	564.7	485.3
-7.5°	1267.9	1125.7	1035.1	973.8	917.9	865.1	797.3	718.7	640.2	561.5	482.2
-10°	1249.3	1115.8	1030.0	969.7	914.7	860.7	791.2	713.1	635.2	557.1	477.8
-12.5°	1224.8	1102.5	1022.8	963.9	910.2	854.6	784.6	706.8	628.9	551.5	472.3
-15°	1194.6	1085.8	1013.7	956.5	904.3	846.9	776.3	699.3	622.3	545.1	465.5
-17.5°	1159.4	1066.0	1002.6	947.4	897.0	837.6	766.3	690.3	614.2	537.8	457.8
-20°	1134.0	1048.6	989.8	936.8	888.4	826.7	754.5	679.8	604.8	529.2	449.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	1108.0	1033.3	976.8	925.7	876.9	814.2	741.1	667.8	594.1	519.3	439.7
-25°	1078.9	1014.8	962.6	913.9	861.5	797.7	726.2	654.3	582.1	508.1	429.1
-27.5°	1053.5	994.5	947.5	900.4	845.5	779.5	709.6	639.4	568.6	495.6	417.5
-30°	1027.2	976.8	931.2	884.2	828.9	760.4	691.5	623.1	553.3	481.3	404.9
-32.5°	999.7	958.4	913.0	864.8	807.6	739.3	672.1	605.5	536.6	465.6	392.1
-35°	976.7	936.5	892.7	845.1	782.6	716.3	651.0	586.6	518.4	448.9	378.6
-37.5°	951.0	912.0	870.8	820.6	755.6	691.4	628.2	565.1	498.9	431.3	364.0
-40°	924.3	886.3	846.3	789.1	726.5	664.8	603.8	542.1	478.0	412.8	348.5
-42.5°	896.9	858.2	813.0	755.7	695.5	636.3	577.8	518.2	456.4	393.7	331.9
-45°	864.8	826.0	777.6	720.9	662.7	606.2	550.5	493.3	433.7	373.7	314.4
-47.5°	830.6	790.3	740.3	684.7	628.3	574.8	522.4	467.0	410.1	352.6	296.0
-50°	795.6	751.7	699.9	647.1	593.5	543.4	493.1	439.6	385.5	330.8	276.8
-52.5°	753.8	707.2	658.2	608.3	558.7	511.4	461.9	411.3	360.0	308.0	256.7
-55°	706.1	661.4	615.3	568.3	522.5	476.6	429.7	382.0	333.6	284.3	236.2
-57.5°	655.2	614.2	570.1	526.6	482.9	439.8	396.6	351.9	305.9	259.7	217.5
-60°	601.0	562.0	522.5	481.1	440.6	401.7	362.7	320.5	277.1	235.0	198.4
-62.5°	542.0	507.2	470.4	433.0	397.4	362.7	327.5	287.2	247.4	212.3	178.8
-65°	481.1	449.1	416.4	385.0	353.8	322.4	289.3	253.0	220.1	189.0	158.6
-67.5°	419.1	392.1	364.2	336.6	309.3	280.6	250.3	221.2	192.9	165.1	138.2
-70°	360.2	336.3	312.6	289.1	264.5	239.0	214.9	190.0	165.1	141.4	117.4
-72.5°	302.5	282.9	262.6	241.7	221.6	200.9	179.8	158.6	138.2	117.4	96.3
-75°	246.3	230.5	214.2	197.4	180.2	162.7	146.0	128.5	111.0	93.1	77.6
-77.5°	193.3	180.3	166.8	154.4	141.5	127.8	113.3	98.1	85.0	72.7	59.7
-80°	143.7	134.8	125.5	115.7	104.6	92.9	82.7	72.8	63.0	52.7	41.7
-82.5°	98.0	91.7	85.4	78.7	71.0	63.5	56.2	49.0	41.0	32.5	26.7
-85°	55.9	51.8	47.5	43.1	38.5	34.0	31.4	28.7	24.9	21.3	17.9
-87.5°	23.0	21.9	20.7	19.5	18.3	17.0	15.7	14.4	12.5	10.7	9.0
-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: P627847 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-MWR-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°	7.3	6.1	4.9	3.7	2.5	1.2	0.0
85°	14.7	12.3	9.9	7.4	4.9	2.5	0.0
82.5°	22.0	18.4	14.8	11.1	7.4	3.7	0.0
80°	30.3	24.5	19.6	14.8	9.9	4.9	0.0
77.5°	46.2	33.0	24.5	18.4	12.3	6.1	0.0
75°	61.9	46.2	30.3	22.0	14.7	7.3	0.0
72.5°	77.4	59.1	40.7	25.6	17.1	8.5	0.0
70°	93.1	72.0	51.0	29.9	19.4	9.7	0.0
67.5°	110.8	84.6	61.1	37.5	21.7	10.9	0.0
65°	128.1	97.9	71.0	44.9	24.0	12.0	0.0
62.5°	145.1	111.8	80.8	52.2	26.2	13.1	0.0
60°	161.5	125.4	90.3	59.4	28.4	14.2	0.0
57.5°	178.0	138.6	100.7	66.4	32.9	15.3	0.0
55°	194.2	151.3	110.8	73.2	37.4	16.3	0.0
52.5°	210.0	163.8	120.6	79.8	41.7	17.3	0.0
50°	225.4	176.7	130.0	86.1	45.8	18.3	0.0
47.5°	240.5	189.2	139.0	92.4	49.7	19.2	0.0
45°	256.2	201.3	147.6	98.9	53.5	20.1	0.0
42.5°	271.2	212.9	155.8	105.0	57.1	20.9	0.0
40°	285.4	224.0	164.2	110.7	60.5	21.8	0.0
37.5°	298.7	234.7	172.6	116.0	63.7	22.5	0.0
35°	311.3	245.1	180.6	121.0	66.6	23.3	0.0
32.5°	322.9	254.9	188.2	125.6	69.4	24.0	0.0
30°	333.7	264.0	195.3	129.9	72.0	24.6	0.0
27.5°	343.7	272.3	201.6	133.9	74.3	25.2	0.0
25°	352.7	280.0	207.3	137.5	76.4	25.7	0.0
22.5°	360.7	286.8	212.5	140.8	78.3	26.2	0.0
20°	367.9	292.6	217.1	143.7	80.0	26.7	0.0
17.5°	374.3	297.6	221.2	146.2	81.4	27.1	0.0
15°	380.2	301.9	224.6	148.3	82.6	27.4	0.0
12.5°	385.2	305.5	227.4	150.1	83.6	27.7	0.0
10°	389.4	308.3	229.7	151.5	84.3	28.0	0.0
7.5°	392.7	310.4	231.3	152.5	84.9	28.2	0.0
5°	395.0	311.7	232.4	153.1	85.2	28.3	0.0
2.5°	396.5	312.2	232.8	153.3	85.2	28.4	0.0
0°	397.0	312.0	232.6	153.1	85.1	28.4	0.0
-2.5°	396.5	312.2	232.8	153.3	85.2	28.4	0.0
-5°	395.0	311.7	232.4	153.1	85.2	28.3	0.0
-7.5°	392.7	310.4	231.3	152.5	84.9	28.2	0.0
-10°	389.4	308.3	229.7	151.5	84.3	28.0	0.0
-12.5°	385.2	305.5	227.4	150.1	83.6	27.7	0.0
-15°	380.2	301.9	224.6	148.3	82.6	27.4	0.0
-17.5°	374.3	297.6	221.2	146.2	81.4	27.1	0.0
-20°	367.9	292.6	217.1	143.7	80.0	26.7	0.0

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CATALOG NUMBER: GFLD-SA6C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	360.7	286.8	212.5	140.8	78.3	26.2	0.0
-25°	352.7	280.0	207.3	137.5	76.4	25.7	0.0
-27.5°	343.7	272.3	201.6	133.9	74.3	25.2	0.0
-30°	333.7	264.0	195.3	129.9	72.0	24.6	0.0
-32.5°	322.9	254.9	188.2	125.6	69.4	24.0	0.0
-35°	311.3	245.1	180.6	121.0	66.6	23.3	0.0
-37.5°	298.7	234.7	172.6	116.0	63.7	22.5	0.0
-40°	285.4	224.0	164.2	110.7	60.5	21.8	0.0
-42.5°	271.2	212.9	155.8	105.0	57.1	20.9	0.0
-45°	256.2	201.3	147.6	98.9	53.5	20.1	0.0
-47.5°	240.5	189.2	139.0	92.4	49.7	19.2	0.0
-50°	225.4	176.7	130.0	86.1	45.8	18.3	0.0
-52.5°	210.0	163.8	120.6	79.8	41.7	17.3	0.0
-55°	194.2	151.3	110.8	73.2	37.4	16.3	0.0
-57.5°	178.0	138.6	100.7	66.4	32.9	15.3	0.0
-60°	161.5	125.4	90.3	59.4	28.4	14.2	0.0
-62.5°	145.1	111.8	80.8	52.2	26.2	13.1	0.0
-65°	128.1	97.9	71.0	44.9	24.0	12.0	0.0
-67.5°	110.8	84.6	61.1	37.5	21.7	10.9	0.0
-70°	93.1	72.0	51.0	29.9	19.4	9.7	0.0
-72.5°	77.4	59.1	40.7	25.6	17.1	8.5	0.0
-75°	61.9	46.2	30.3	22.0	14.7	7.3	0.0
-77.5°	46.2	33.0	24.5	18.4	12.3	6.1	0.0
-80°	30.3	24.5	19.6	14.8	9.9	4.9	0.0
-82.5°	22.0	18.4	14.8	11.1	7.4	3.7	0.0
-85°	14.7	12.3	9.9	7.4	4.9	2.5	0.0
-87.5°	7.3	6.1	4.9	3.7	2.5	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)