

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: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627907 (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-SA6D-722-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N133
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

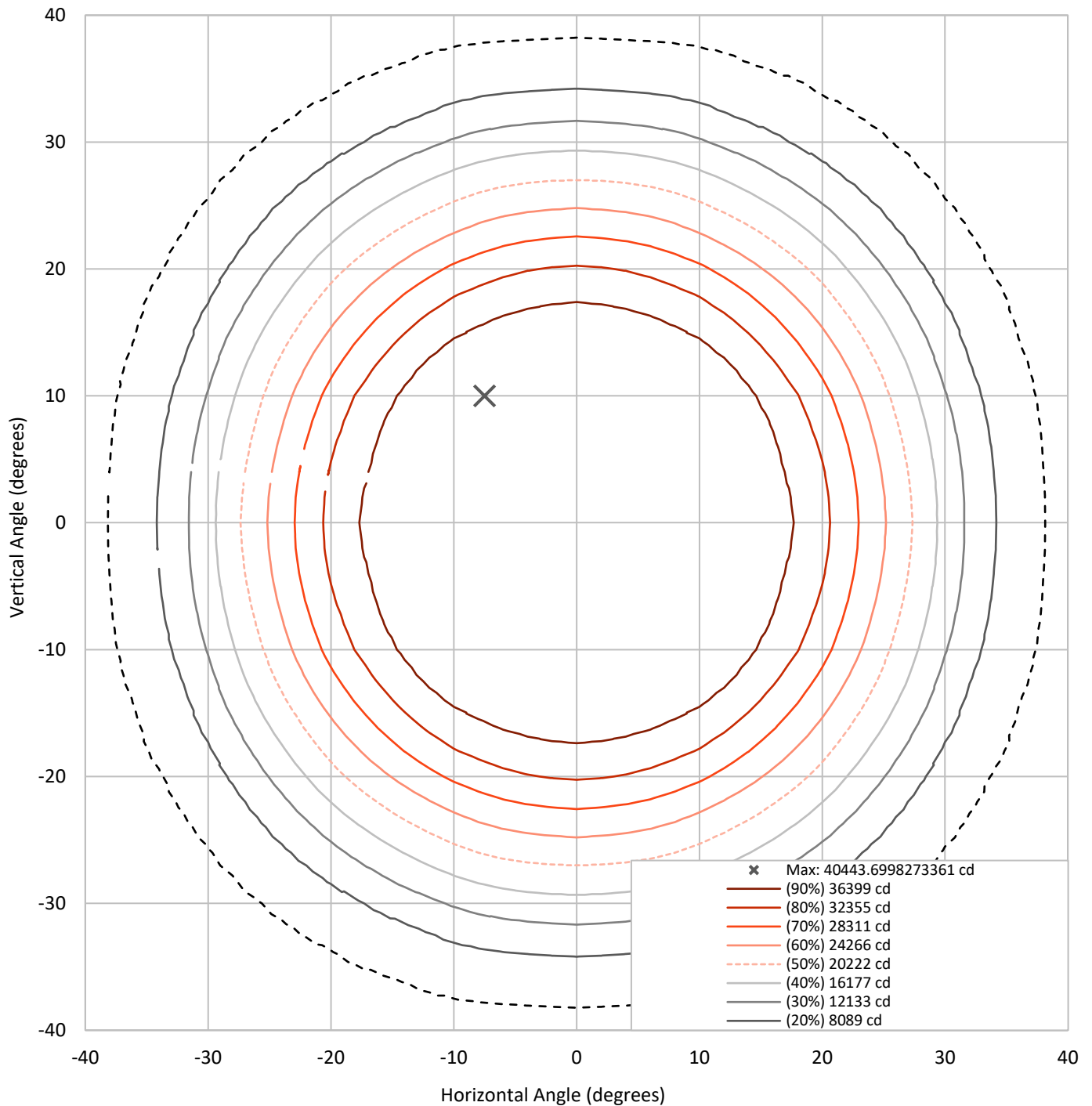
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	34421.4 lumens	Max Intensity:	40443.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	105.6 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:	22846.9 lumens	Field Lumens:	29707.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





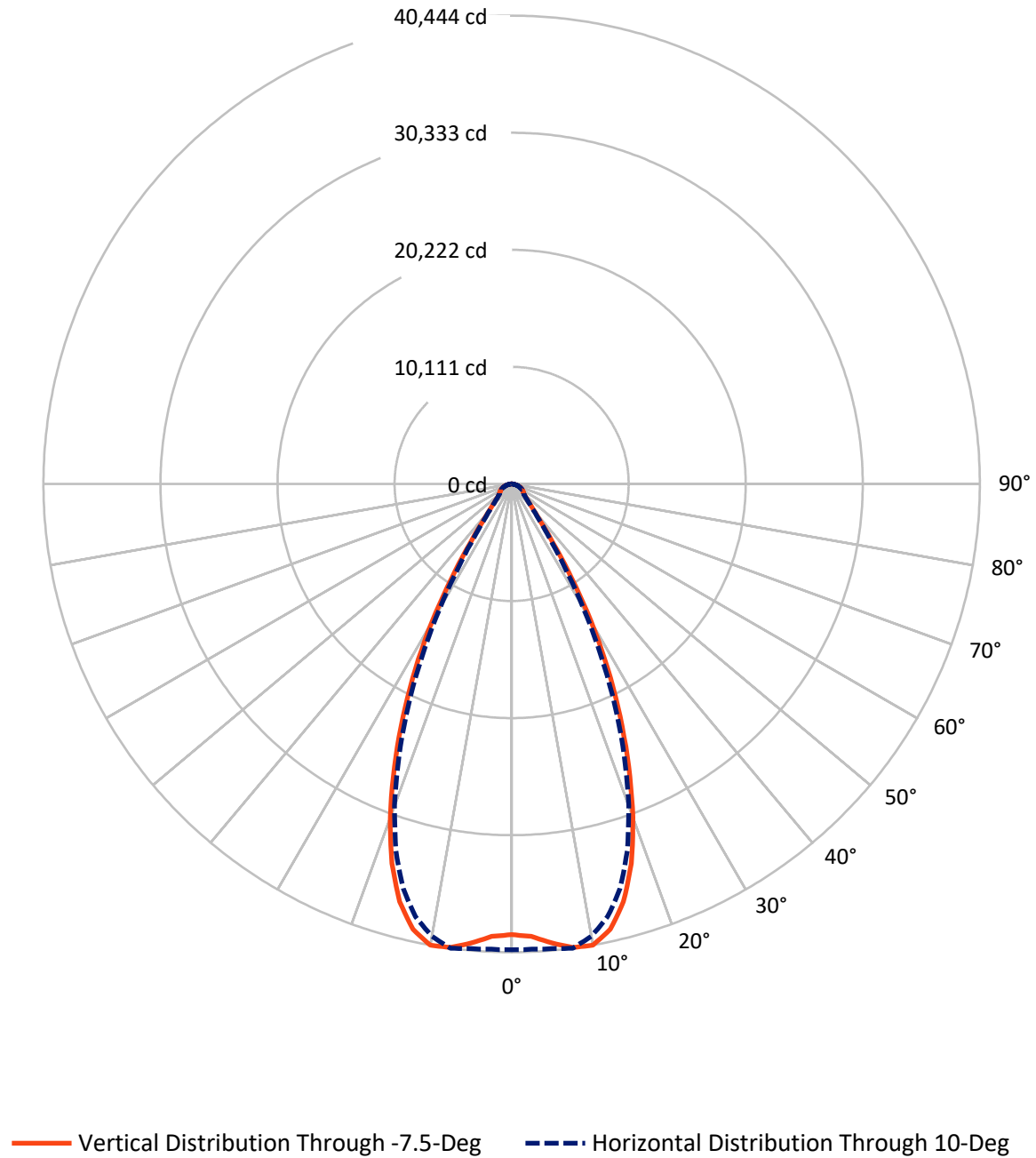
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Lumen Table

90																
80	0.9	8.1		21.6		34.2		38.2		34.2		21.6		8.1		0.9
70																
60	3.7	4.1	8.4	13.8	19.3	23.4	26.4	28.0	28.0	26.4	23.4	19.3	13.8	8.4	4.1	3.7
50		6.2	12.4	19.9	26.5	32.1	36.0	37.5	37.5	36.0	32.1	26.5	19.9	12.4	6.2	
40	6.5	8.0	15.7	24.1	32.3	42.1	52.9	60.7	60.7	52.9	42.1	32.3	24.1	15.7	8.0	6.5
30		9.5	18.3	27.7	42.9	78.2	149.7	222.0	222.0	149.7	78.2	42.9	27.7	18.3	9.5	
20	8.4	10.6	19.9	32.3	70.5	221.0	495.7	692.2	692.2	495.7	221.0	70.5	32.3	19.9	10.6	8.4
10		11.3	21.0	38.4	127.4	471.1	899.6	1125.9	1125.9	899.6	471.1	127.4	38.4	21.0	11.3	
0	9.0	11.7	21.5	43.2	183.5	644.6	1091.4	1187.4	1187.4	1091.4	644.6	183.5	43.2	21.5	11.7	9.0
-10		11.7	21.5	43.2	183.5	644.6	1091.4	1187.4	1187.4	1091.4	644.6	183.5	43.2	21.5	11.7	
-20	8.4	11.3	21.0	38.4	127.4	471.1	899.6	1125.9	1125.9	899.6	471.1	127.4	38.4	21.0	11.3	8.4
-30		10.6	19.9	32.3	70.5	221.0	495.7	692.2	692.2	495.7	221.0	70.5	32.3	19.9	10.6	
-40	6.5	9.5	18.3	27.7	42.9	78.2	149.7	222.0	222.0	149.7	78.2	42.9	27.7	18.3	9.5	6.5
-50		8.0	15.7	24.1	32.3	42.1	52.9	60.7	60.7	52.9	42.1	32.3	24.1	15.7	8.0	
-60	3.7	6.2	12.4	19.9	26.5	32.1	36.0	37.5	37.5	36.0	32.1	26.5	19.9	12.4	6.2	3.7
-70		4.1	8.4	13.8	19.3	23.4	26.4	28.0	28.0	26.4	23.4	19.3	13.8	8.4	4.1	
-80																
-90	0.9	8.1		21.6		34.2		38.2		34.2		21.6		8.1		0.9

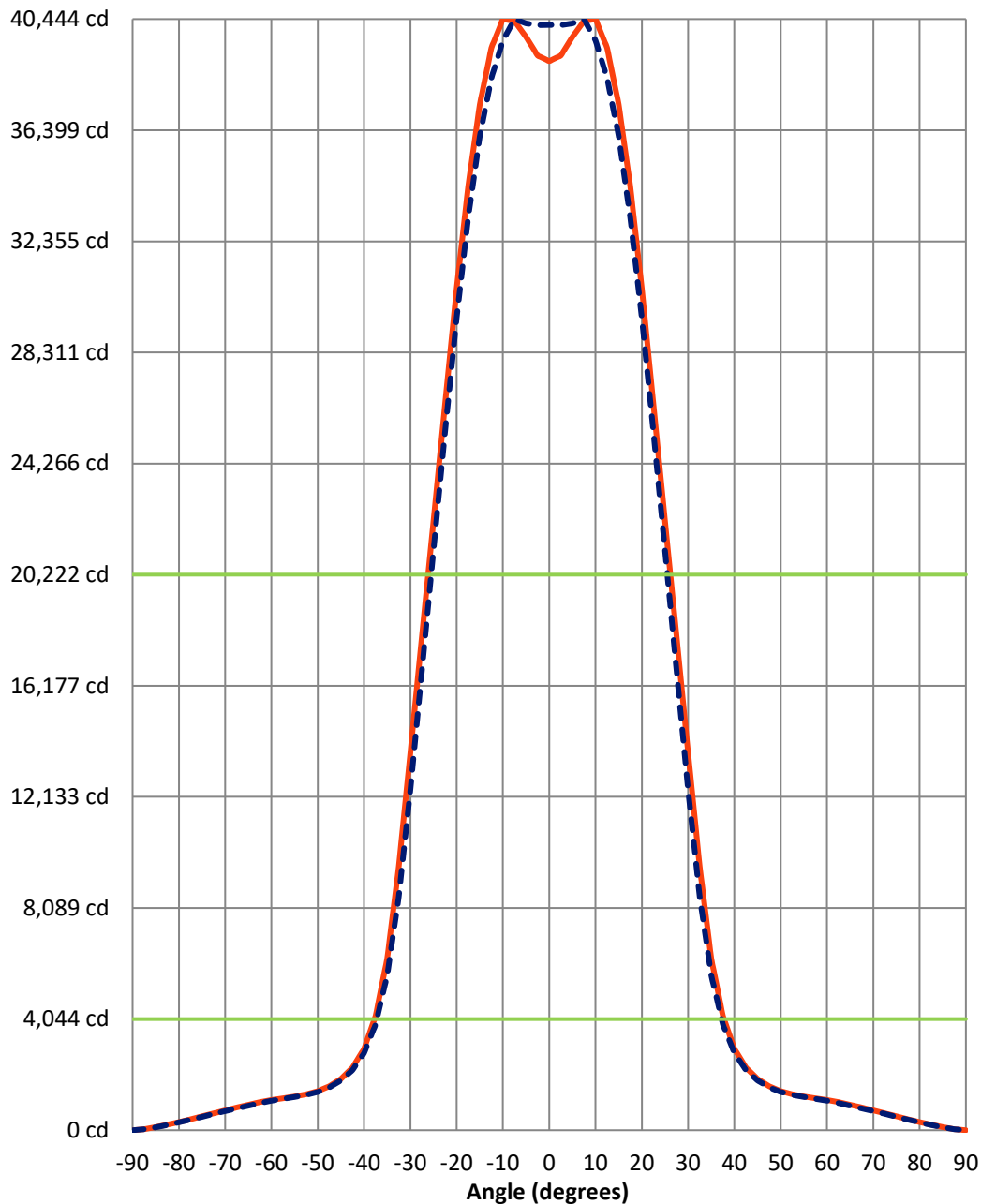
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 22846.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 29707.5
 Efficiency: 86.3%

Spill:
 Lumens: 4713.9
 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	1.5	3.1	4.6	6.1	7.7	9.2	11.2	13.3	15.6	18.0
85°	0.0	3.1	6.2	9.2	12.3	15.3	18.3	22.3	26.6	31.1	35.8
82.5°	0.0	4.6	9.2	13.8	18.4	22.9	27.4	33.4	40.6	51.1	61.1
80°	0.0	6.1	12.3	18.4	24.5	30.5	37.8	52.0	65.7	78.6	90.7
77.5°	0.0	7.7	15.3	22.9	30.5	41.2	57.5	74.5	90.7	106.0	122.3
75°	0.0	9.2	18.3	27.4	37.8	57.5	77.1	96.8	116.1	138.4	160.3
72.5°	0.0	10.6	21.3	31.9	50.7	73.7	96.5	120.1	146.5	172.4	198.0
70°	0.0	12.1	24.2	37.2	63.6	89.7	116.1	146.5	176.5	206.1	237.1
67.5°	0.0	13.5	27.1	46.7	76.2	105.5	138.2	172.4	206.1	240.7	276.1
65°	0.0	15.0	29.9	56.0	88.6	122.1	159.9	198.0	235.9	274.7	315.8
62.5°	0.0	16.3	32.7	65.1	100.7	139.5	181.0	223.1	265.0	308.8	358.4
60°	0.0	17.7	35.4	74.0	112.6	156.5	201.6	247.6	293.3	345.8	400.0
57.5°	0.0	19.0	41.0	82.8	125.6	172.9	222.2	271.4	324.1	381.8	439.1
55°	0.0	20.3	46.6	91.2	138.2	188.9	242.4	294.8	354.8	416.3	476.7
52.5°	0.0	21.5	51.9	99.4	150.4	204.5	262.1	320.4	384.3	449.2	513.2
50°	0.0	22.8	57.1	107.4	162.2	220.5	281.3	345.4	412.7	481.0	548.6
47.5°	0.0	23.9	62.0	115.2	173.5	236.1	300.2	369.4	440.0	511.7	582.7
45°	0.0	25.0	66.7	123.3	184.2	251.2	319.8	392.4	466.3	541.2	615.6
42.5°	0.0	26.1	71.2	131.0	194.5	265.7	338.4	414.2	491.3	569.5	646.7
40°	0.0	27.1	75.4	138.1	204.9	279.6	356.1	434.8	515.1	596.5	676.5
37.5°	0.0	28.1	79.4	144.7	215.5	292.9	372.8	454.3	538.2	622.6	705.3
35°	0.0	29.0	83.1	150.9	225.5	305.9	388.4	472.5	560.2	646.9	732.0
32.5°	0.0	29.9	86.6	156.7	234.9	318.1	403.0	489.4	581.0	669.6	755.6
30°	0.0	30.7	89.8	162.1	243.8	329.5	416.5	505.3	600.6	690.5	777.5
27.5°	0.0	31.4	92.7	167.1	251.6	339.9	428.9	521.0	618.5	709.6	797.8
25°	0.0	32.1	95.3	171.6	258.8	349.5	440.1	535.5	634.1	726.4	816.4
22.5°	0.0	32.7	97.7	175.7	265.2	357.9	450.2	548.7	648.0	741.4	833.2
20°	0.0	33.3	99.8	179.3	271.0	365.1	459.1	560.7	660.4	754.8	848.3
17.5°	0.0	33.8	101.5	182.5	276.0	371.4	467.2	571.3	671.1	766.5	861.4
15°	0.0	34.2	103.1	185.1	280.3	376.8	474.5	580.9	680.2	776.5	872.7
12.5°	0.0	34.6	104.3	187.3	283.8	381.3	480.7	589.3	688.2	784.8	882.0
10°	0.0	34.9	105.2	189.1	286.6	384.8	486.0	596.3	695.3	792.6	889.9
7.5°	0.0	35.1	105.9	190.3	288.6	387.3	490.1	601.7	700.7	798.9	896.9
5°	0.0	35.3	106.3	191.1	289.9	389.0	493.1	605.6	704.7	803.3	902.0
2.5°	0.0	35.4	106.4	191.3	290.4	389.6	494.9	607.9	707.0	806.0	905.0
0°	0.0	35.4	106.2	191.1	290.2	389.3	495.5	608.7	707.8	806.9	906.0
-2.5°	0.0	35.4	106.4	191.3	290.4	389.6	494.9	607.9	707.0	806.0	905.0
-5°	0.0	35.3	106.3	191.1	289.9	389.0	493.1	605.6	704.7	803.3	902.0
-7.5°	0.0	35.1	105.9	190.3	288.6	387.3	490.1	601.7	700.7	798.9	896.9
-10°	0.0	34.9	105.2	189.1	286.6	384.8	486.0	596.3	695.3	792.6	889.9
-12.5°	0.0	34.6	104.3	187.3	283.8	381.3	480.7	589.3	688.2	784.8	882.0
-15°	0.0	34.2	103.1	185.1	280.3	376.8	474.5	580.9	680.2	776.5	872.7
-17.5°	0.0	33.8	101.5	182.5	276.0	371.4	467.2	571.3	671.1	766.5	861.4
-20°	0.0	33.3	99.8	179.3	271.0	365.1	459.1	560.7	660.4	754.8	848.3

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CATALOG NUMBER: GFLD-SA6D-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	32.7	97.7	175.7	265.2	357.9	450.2	548.7	648.0	741.4	833.2
-25°	0.0	32.1	95.3	171.6	258.8	349.5	440.1	535.5	634.1	726.4	816.4
-27.5°	0.0	31.4	92.7	167.1	251.6	339.9	428.9	521.0	618.5	709.6	797.8
-30°	0.0	30.7	89.8	162.1	243.8	329.5	416.5	505.3	600.6	690.5	777.5
-32.5°	0.0	29.9	86.6	156.7	234.9	318.1	403.0	489.4	581.0	669.6	755.6
-35°	0.0	29.0	83.1	150.9	225.5	305.9	388.4	472.5	560.2	646.9	732.0
-37.5°	0.0	28.1	79.4	144.7	215.5	292.9	372.8	454.3	538.2	622.6	705.3
-40°	0.0	27.1	75.4	138.1	204.9	279.6	356.1	434.8	515.1	596.5	676.5
-42.5°	0.0	26.1	71.2	131.0	194.5	265.7	338.4	414.2	491.3	569.5	646.7
-45°	0.0	25.0	66.7	123.3	184.2	251.2	319.8	392.4	466.3	541.2	615.6
-47.5°	0.0	23.9	62.0	115.2	173.5	236.1	300.2	369.4	440.0	511.7	582.7
-50°	0.0	22.8	57.1	107.4	162.2	220.5	281.3	345.4	412.7	481.0	548.6
-52.5°	0.0	21.5	51.9	99.4	150.4	204.5	262.1	320.4	384.3	449.2	513.2
-55°	0.0	20.3	46.6	91.2	138.2	188.9	242.4	294.8	354.8	416.3	476.7
-57.5°	0.0	19.0	41.0	82.8	125.6	172.9	222.2	271.4	324.1	381.8	439.1
-60°	0.0	17.7	35.4	74.0	112.6	156.5	201.6	247.6	293.3	345.8	400.0
-62.5°	0.0	16.3	32.7	65.1	100.7	139.5	181.0	223.1	265.0	308.8	358.4
-65°	0.0	15.0	29.9	56.0	88.6	122.1	159.9	198.0	235.9	274.7	315.8
-67.5°	0.0	13.5	27.1	46.7	76.2	105.5	138.2	172.4	206.1	240.7	276.1
-70°	0.0	12.1	24.2	37.2	63.6	89.7	116.1	146.5	176.5	206.1	237.1
-72.5°	0.0	10.6	21.3	31.9	50.7	73.7	96.5	120.1	146.5	172.4	198.0
-75°	0.0	9.2	18.3	27.4	37.8	57.5	77.1	96.8	116.1	138.4	160.3
-77.5°	0.0	7.7	15.3	22.9	30.5	41.2	57.5	74.5	90.7	106.0	122.3
-80°	0.0	6.1	12.3	18.4	24.5	30.5	37.8	52.0	65.7	78.6	90.7
-82.5°	0.0	4.6	9.2	13.8	18.4	22.9	27.4	33.4	40.6	51.1	61.1
-85°	0.0	3.1	6.2	9.2	12.3	15.3	18.3	22.3	26.6	31.1	35.8
-87.5°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	11.2	13.3	15.6	18.0
-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°	19.6	21.2	22.8	24.4	25.9	27.3	28.7	30.0	31.3	32.6	33.7
85°	39.2	42.5	48.1	53.9	59.3	64.6	69.7	74.7	79.4	83.8	88.1
82.5°	70.1	79.3	88.7	98.2	106.5	114.5	122.3	130.4	138.4	146.4	154.3
80°	103.1	115.9	130.6	144.4	156.6	168.2	179.4	190.1	201.8	214.2	226.8
77.5°	141.3	159.5	176.6	192.7	208.1	225.0	241.3	257.0	273.3	289.3	304.7
75°	182.2	203.0	224.9	246.4	267.3	287.6	307.4	327.5	347.9	368.2	387.5
72.5°	224.4	250.8	276.6	301.7	327.7	353.0	377.5	401.0	425.3	450.2	473.9
70°	268.2	298.3	330.1	360.8	390.0	419.6	449.5	478.3	506.4	535.2	563.7
67.5°	312.4	350.2	386.0	420.0	454.5	489.4	523.0	557.5	590.8	624.2	656.2
65°	361.0	402.3	441.5	480.5	519.7	560.5	600.3	638.7	677.4	714.7	748.3
62.5°	408.7	452.7	496.0	540.4	587.0	632.8	676.3	720.4	765.3	804.5	838.5
60°	452.6	501.4	549.9	600.4	651.9	701.3	750.0	798.0	846.2	891.3	919.1
57.5°	495.0	548.9	602.6	657.0	711.3	766.4	817.6	870.3	915.2	953.2	985.4
55°	536.3	594.8	652.0	709.1	767.8	825.3	881.1	931.1	975.0	1006.6	1037.7
52.5°	576.4	638.1	697.2	759.0	821.3	882.4	940.7	987.1	1023.0	1055.3	1084.4
50°	615.4	678.1	740.5	807.5	873.4	938.0	992.7	1033.3	1069.9	1101.4	1131.8
47.5°	651.9	717.3	784.0	854.4	923.8	986.2	1036.4	1079.0	1116.3	1150.4	1186.4
45°	687.0	756.4	826.9	899.6	970.4	1030.7	1079.2	1125.0	1160.0	1198.4	1239.7
42.5°	721.1	794.0	867.9	943.0	1014.5	1070.9	1119.3	1161.3	1202.4	1247.9	1297.8
40°	753.5	829.5	906.6	984.7	1056.0	1106.0	1153.4	1198.0	1247.9	1301.9	1359.7
37.5°	783.9	862.8	942.9	1024.0	1086.6	1138.1	1186.7	1236.3	1294.4	1356.9	1435.4
35°	812.3	893.8	976.6	1054.5	1114.0	1168.6	1218.9	1274.3	1342.0	1423.8	1524.3
32.5°	838.6	922.5	1007.7	1079.2	1139.3	1196.0	1247.6	1316.7	1398.1	1495.5	1637.7
30°	862.9	948.8	1034.2	1103.4	1162.0	1219.0	1281.8	1359.6	1454.8	1597.1	1779.0
27.5°	885.4	972.6	1055.1	1123.6	1182.4	1241.0	1314.6	1408.9	1534.3	1704.0	1930.2
25°	906.1	995.4	1075.1	1140.5	1201.2	1266.3	1346.3	1452.2	1617.2	1836.3	2142.0
22.5°	924.8	1016.0	1094.3	1155.2	1218.9	1289.4	1382.7	1515.3	1705.4	1961.2	2355.6
20°	941.5	1031.6	1108.6	1169.0	1235.2	1308.5	1415.1	1575.0	1804.3	2135.7	2639.0
17.5°	956.2	1045.3	1119.3	1182.3	1251.1	1330.2	1446.7	1626.8	1892.2	2287.8	2925.6
15°	968.8	1056.9	1128.4	1193.6	1264.9	1355.0	1490.7	1694.5	1994.3	2446.1	3175.3
12.5°	979.2	1066.5	1135.8	1202.8	1276.4	1375.8	1528.4	1758.3	2100.3	2640.5	3543.2
10°	987.4	1074.0	1141.5	1210.0	1285.3	1392.4	1558.9	1810.6	2188.2	2809.0	3857.1
7.5°	995.0	1079.5	1145.4	1215.1	1291.6	1404.7	1582.2	1850.8	2255.5	2941.2	4105.5
5°	1000.6	1082.9	1147.6	1218.0	1297.0	1412.8	1597.9	1878.7	2302.0	3035.7	4280.2
2.5°	1004.0	1083.9	1148.0	1218.8	1300.9	1416.4	1606.1	1894.1	2338.6	3080.4	4374.1
0°	1005.1	1082.9	1146.6	1217.4	1302.3	1415.6	1606.7	1896.9	2357.0	3078.9	4388.3
-2.5°	1004.0	1083.9	1148.0	1218.8	1300.9	1416.4	1606.1	1894.1	2338.6	3080.4	4374.1
-5°	1000.6	1082.9	1147.6	1218.0	1297.0	1412.8	1597.9	1878.7	2302.0	3035.7	4280.2
-7.5°	995.0	1079.5	1145.4	1215.1	1291.6	1404.7	1582.2	1850.8	2255.5	2941.2	4105.5
-10°	987.4	1074.0	1141.5	1210.0	1285.3	1392.4	1558.9	1810.6	2188.2	2809.0	3857.1
-12.5°	979.2	1066.5	1135.8	1202.8	1276.4	1375.8	1528.4	1758.3	2100.3	2640.5	3543.2
-15°	968.8	1056.9	1128.4	1193.6	1264.9	1355.0	1490.7	1694.5	1994.3	2446.1	3175.3
-17.5°	956.2	1045.3	1119.3	1182.3	1251.1	1330.2	1446.7	1626.8	1892.2	2287.8	2925.6
-20°	941.5	1031.6	1108.6	1169.0	1235.2	1308.5	1415.1	1575.0	1804.3	2135.7	2639.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	924.8	1016.0	1094.3	1155.2	1218.9	1289.4	1382.7	1515.3	1705.4	1961.2	2355.6
-25°	906.1	995.4	1075.1	1140.5	1201.2	1266.3	1346.3	1452.2	1617.2	1836.3	2142.0
-27.5°	885.4	972.6	1055.1	1123.6	1182.4	1241.0	1314.6	1408.9	1534.3	1704.0	1930.2
-30°	862.9	948.8	1034.2	1103.4	1162.0	1219.0	1281.8	1359.6	1454.8	1597.1	1779.0
-32.5°	838.6	922.5	1007.7	1079.2	1139.3	1196.0	1247.6	1316.7	1398.1	1495.5	1637.7
-35°	812.3	893.8	976.6	1054.5	1114.0	1168.6	1218.9	1274.3	1342.0	1423.8	1524.3
-37.5°	783.9	862.8	942.9	1024.0	1086.6	1138.1	1186.7	1236.3	1294.4	1356.9	1435.4
-40°	753.5	829.5	906.6	984.7	1056.0	1106.0	1153.4	1198.0	1247.9	1301.9	1359.7
-42.5°	721.1	794.0	867.9	943.0	1014.5	1070.9	1119.3	1161.3	1202.4	1247.9	1297.8
-45°	687.0	756.4	826.9	899.6	970.4	1030.7	1079.2	1125.0	1160.0	1198.4	1239.7
-47.5°	651.9	717.3	784.0	854.4	923.8	986.2	1036.4	1079.0	1116.3	1150.4	1186.4
-50°	615.4	678.1	740.5	807.5	873.4	938.0	992.7	1033.3	1069.9	1101.4	1131.8
-52.5°	576.4	638.1	697.2	759.0	821.3	882.4	940.7	987.1	1023.0	1055.3	1084.4
-55°	536.3	594.8	652.0	709.1	767.8	825.3	881.1	931.1	975.0	1006.6	1037.7
-57.5°	495.0	548.9	602.6	657.0	711.3	766.4	817.6	870.3	915.2	953.2	985.4
-60°	452.6	501.4	549.9	600.4	651.9	701.3	750.0	798.0	846.2	891.3	919.1
-62.5°	408.7	452.7	496.0	540.4	587.0	632.8	676.3	720.4	765.3	804.5	838.5
-65°	361.0	402.3	441.5	480.5	519.7	560.5	600.3	638.7	677.4	714.7	748.3
-67.5°	312.4	350.2	386.0	420.0	454.5	489.4	523.0	557.5	590.8	624.2	656.2
-70°	268.2	298.3	330.1	360.8	390.0	419.6	449.5	478.3	506.4	535.2	563.7
-72.5°	224.4	250.8	276.6	301.7	327.7	353.0	377.5	401.0	425.3	450.2	473.9
-75°	182.2	203.0	224.9	246.4	267.3	287.6	307.4	327.5	347.9	368.2	387.5
-77.5°	141.3	159.5	176.6	192.7	208.1	225.0	241.3	257.0	273.3	289.3	304.7
-80°	103.1	115.9	130.6	144.4	156.6	168.2	179.4	190.1	201.8	214.2	226.8
-82.5°	70.1	79.3	88.7	98.2	106.5	114.5	122.3	130.4	138.4	146.4	154.3
-85°	39.2	42.5	48.1	53.9	59.3	64.6	69.7	74.7	79.4	83.8	88.1
-87.5°	19.6	21.2	22.8	24.4	25.9	27.3	28.7	30.0	31.3	32.6	33.7
-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: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	34.8	34.4	33.7	33.0	32.1	34.3	36.6	38.8	41.0	39.8	38.4
85°	92.1	94.2	95.9	97.4	98.6	103.0	107.3	111.3	114.9	114.9	114.4
82.5°	162.1	167.3	171.8	175.8	179.4	184.5	189.2	193.2	196.6	199.1	201.2
80°	238.9	247.4	254.6	261.2	267.2	274.0	280.3	285.9	290.8	293.4	295.1
77.5°	320.0	332.4	343.4	354.0	364.0	373.9	383.0	391.0	398.0	399.7	399.3
75°	405.9	422.5	438.1	452.6	465.9	477.4	487.0	495.2	501.9	505.2	507.0
72.5°	496.4	516.8	535.2	551.7	565.9	577.7	588.0	596.8	604.3	609.0	611.9
70°	590.8	615.0	633.8	649.4	661.5	673.3	686.4	699.0	710.8	717.4	720.0
67.5°	685.4	710.5	727.8	741.9	753.1	764.6	781.2	796.2	809.5	818.5	824.2
65°	778.0	804.4	821.8	835.4	845.6	857.2	875.7	890.6	901.9	910.8	918.9
62.5°	869.6	896.2	915.5	931.6	946.5	959.2	974.5	986.9	996.6	1005.5	1015.5
60°	948.9	980.5	1000.7	1017.0	1035.5	1055.4	1066.6	1075.9	1084.0	1091.2	1097.3
57.5°	1013.7	1041.8	1067.8	1087.5	1106.7	1125.2	1138.4	1147.2	1154.3	1159.5	1161.6
55°	1067.9	1097.0	1126.0	1147.3	1166.2	1183.5	1198.0	1209.4	1218.8	1226.2	1228.0
52.5°	1116.5	1149.1	1177.6	1202.2	1227.1	1247.5	1263.5	1279.0	1292.5	1303.4	1308.1
50°	1169.3	1203.5	1239.1	1272.0	1298.5	1321.8	1341.1	1363.1	1386.2	1405.3	1417.3
47.5°	1224.9	1264.3	1307.2	1347.7	1379.2	1413.7	1445.8	1478.4	1521.3	1557.4	1584.2
45°	1283.1	1333.6	1382.6	1434.1	1477.5	1542.5	1602.9	1654.7	1723.6	1786.2	1835.8
42.5°	1351.6	1414.6	1474.8	1557.3	1643.7	1732.5	1828.5	1910.3	2018.0	2127.7	2216.2
40°	1433.0	1513.5	1619.4	1730.2	1866.6	1988.7	2154.4	2302.0	2467.2	2676.2	2848.8
37.5°	1530.9	1654.9	1802.3	1956.7	2169.4	2372.6	2646.4	2935.0	3196.8	3598.7	3936.9
35°	1658.1	1831.5	2025.5	2298.8	2599.8	2980.6	3407.7	3965.1	4443.0	5121.0	5768.9
32.5°	1821.9	2044.9	2361.7	2783.6	3228.6	3919.8	4597.6	5565.4	6461.5	7536.1	8695.9
30°	2004.3	2343.6	2827.6	3406.3	4236.3	5253.3	6448.2	7934.5	9561.2	11071.5	12559.8
27.5°	2268.6	2754.7	3390.5	4324.5	5618.0	7040.8	9134.3	11152.0	13257.0	15128.2	16688.8
25°	2577.1	3219.5	4202.7	5578.0	7327.3	9763.8	12269.8	14760.0	17023.8	18982.8	20707.2
22.5°	2975.5	3899.5	5210.2	6991.5	9715.6	12635.9	15574.5	18321.2	20736.0	22917.5	24784.0
20°	3408.9	4565.1	6436.9	9093.2	12208.3	15535.4	18853.4	21779.2	24438.2	26911.6	29015.3
17.5°	3958.2	5577.3	7947.8	11134.2	14735.9	18381.0	21866.8	25041.9	28058.5	30675.8	32873.9
15°	4426.2	6468.8	9562.5	13299.6	17195.3	21040.5	24720.6	28169.4	31305.7	33991.1	36057.6
12.5°	5050.6	7467.9	10996.2	15161.2	19382.7	23428.7	27305.0	30869.6	34061.3	36717.2	38325.8
10°	5640.8	8502.3	12381.9	16725.4	21111.2	25422.1	29560.9	33216.7	36180.1	38292.8	39663.7
7.5°	6142.6	9391.3	13509.1	17989.7	22484.5	26991.6	31181.1	34738.1	37470.5	39234.9	40189.2
5°	6517.2	10055.9	14345.7	19017.1	23629.5	28215.6	32372.4	35711.6	38073.2	39383.9	39863.1
2.5°	6756.0	10446.2	14831.3	19691.1	24395.7	28990.1	33189.6	36476.4	38480.1	39348.8	39431.4
0°	6851.4	10496.6	14906.1	20044.7	24588.8	29210.7	33422.0	36791.2	38631.4	39346.3	39332.1
-2.5°	6756.0	10446.2	14831.3	19691.1	24395.7	28990.1	33189.6	36476.4	38480.1	39348.8	39431.4
-5°	6517.2	10055.9	14345.7	19017.1	23629.5	28215.6	32372.4	35711.6	38073.2	39383.9	39863.1
-7.5°	6142.6	9391.3	13509.1	17989.7	22484.5	26991.6	31181.1	34738.1	37470.5	39234.9	40189.2
-10°	5640.8	8502.3	12381.9	16725.4	21111.2	25422.1	29560.9	33216.7	36180.1	38292.8	39663.7
-12.5°	5050.6	7467.9	10996.2	15161.2	19382.7	23428.7	27305.0	30869.6	34061.3	36717.2	38325.8
-15°	4426.2	6468.8	9562.5	13299.6	17195.3	21040.5	24720.6	28169.4	31305.7	33991.1	36057.6
-17.5°	3958.2	5577.3	7947.8	11134.2	14735.9	18381.0	21866.8	25041.9	28058.5	30675.8	32873.9
-20°	3408.9	4565.1	6436.9	9093.2	12208.3	15535.4	18853.4	21779.2	24438.2	26911.6	29015.3



REPORT NUMBER: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	2975.5	3899.5	5210.2	6991.5	9715.6	12635.9	15574.5	18321.2	20736.0	22917.5	24784.0
-25°	2577.1	3219.5	4202.7	5578.0	7327.3	9763.8	12269.8	14760.0	17023.8	18982.8	20707.2
-27.5°	2268.6	2754.7	3390.5	4324.5	5618.0	7040.8	9134.3	11152.0	13257.0	15128.2	16688.8
-30°	2004.3	2343.6	2827.6	3406.3	4236.3	5253.3	6448.2	7934.5	9561.2	11071.5	12559.8
-32.5°	1821.9	2044.9	2361.7	2783.6	3228.6	3919.8	4597.6	5565.4	6461.5	7536.1	8695.9
-35°	1658.1	1831.5	2025.5	2298.8	2599.8	2980.6	3407.7	3965.1	4443.0	5121.0	5768.9
-37.5°	1530.9	1654.9	1802.3	1956.7	2169.4	2372.6	2646.4	2935.0	3196.8	3598.7	3936.9
-40°	1433.0	1513.5	1619.4	1730.2	1866.6	1988.7	2154.4	2302.0	2467.2	2676.2	2848.8
-42.5°	1351.6	1414.6	1474.8	1557.3	1643.7	1732.5	1828.5	1910.3	2018.0	2127.7	2216.2
-45°	1283.1	1333.6	1382.6	1434.1	1477.5	1542.5	1602.9	1654.7	1723.6	1786.2	1835.8
-47.5°	1224.9	1264.3	1307.2	1347.7	1379.2	1413.7	1445.8	1478.4	1521.3	1557.4	1584.2
-50°	1169.3	1203.5	1239.1	1272.0	1298.5	1321.8	1341.1	1363.1	1386.2	1405.3	1417.3
-52.5°	1116.5	1149.1	1177.6	1202.2	1227.1	1247.5	1263.5	1279.0	1292.5	1303.4	1308.1
-55°	1067.9	1097.0	1126.0	1147.3	1166.2	1183.5	1198.0	1209.4	1218.8	1226.2	1228.0
-57.5°	1013.7	1041.8	1067.8	1087.5	1106.7	1125.2	1138.4	1147.2	1154.3	1159.5	1161.6
-60°	948.9	980.5	1000.7	1017.0	1035.5	1055.4	1066.6	1075.9	1084.0	1091.2	1097.3
-62.5°	869.6	896.2	915.5	931.6	946.5	959.2	974.5	986.9	996.6	1005.5	1015.5
-65°	778.0	804.4	821.8	835.4	845.6	857.2	875.7	890.6	901.9	910.8	918.9
-67.5°	685.4	710.5	727.8	741.9	753.1	764.6	781.2	796.2	809.5	818.5	824.2
-70°	590.8	615.0	633.8	649.4	661.5	673.3	686.4	699.0	710.8	717.4	720.0
-72.5°	496.4	516.8	535.2	551.7	565.9	577.7	588.0	596.8	604.3	609.0	611.9
-75°	405.9	422.5	438.1	452.6	465.9	477.4	487.0	495.2	501.9	505.2	507.0
-77.5°	320.0	332.4	343.4	354.0	364.0	373.9	383.0	391.0	398.0	399.7	399.3
-80°	238.9	247.4	254.6	261.2	267.2	274.0	280.3	285.9	290.8	293.4	295.1
-82.5°	162.1	167.3	171.8	175.8	179.4	184.5	189.2	193.2	196.6	199.1	201.2
-85°	92.1	94.2	95.9	97.4	98.6	103.0	107.3	111.3	114.9	114.9	114.4
-87.5°	34.8	34.4	33.7	33.0	32.1	34.3	36.6	38.8	41.0	39.8	38.4
-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: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	36.9	35.3	35.4	35.4	35.4	35.3	36.9	38.4	39.8	41.0	38.8
85°	113.7	112.6	109.6	106.2	109.6	112.6	113.7	114.4	114.9	114.9	111.3
82.5°	203.0	204.2	201.5	198.2	201.5	204.2	203.0	201.2	199.1	196.6	193.2
80°	295.9	295.9	293.5	290.2	293.5	295.9	295.9	295.1	293.4	290.8	285.9
77.5°	397.6	394.7	395.9	396.4	395.9	394.7	397.6	399.3	399.7	398.0	391.0
75°	507.7	507.2	505.5	502.5	505.5	507.2	507.7	507.0	505.2	501.9	495.2
72.5°	613.3	613.2	611.7	608.7	611.7	613.2	613.3	611.9	609.0	604.3	596.8
70°	720.6	719.3	721.1	722.0	721.1	719.3	720.6	720.0	717.4	710.8	699.0
67.5°	828.6	831.4	830.9	828.1	830.9	831.4	828.6	824.2	818.5	809.5	796.2
65°	925.5	930.3	933.3	934.3	933.3	930.3	925.5	918.9	910.8	901.9	890.6
62.5°	1023.3	1028.9	1029.2	1026.3	1029.2	1028.9	1023.3	1015.5	1005.5	996.6	986.9
60°	1100.8	1101.7	1100.3	1097.1	1100.3	1101.7	1100.8	1097.3	1091.2	1084.0	1075.9
57.5°	1161.6	1159.6	1157.1	1153.7	1157.1	1159.6	1161.6	1161.6	1159.5	1154.3	1147.2
55°	1227.1	1223.7	1220.8	1217.4	1220.8	1223.7	1227.1	1228.0	1226.2	1218.8	1209.4
52.5°	1309.2	1307.4	1305.4	1302.3	1305.4	1307.4	1309.2	1308.1	1303.4	1292.5	1279.0
50°	1423.5	1425.2	1425.1	1422.7	1425.1	1425.2	1423.5	1417.3	1405.3	1386.2	1363.1
47.5°	1601.1	1610.6	1616.9	1620.8	1616.9	1610.6	1601.1	1584.2	1557.4	1521.3	1478.4
45°	1867.6	1886.5	1899.8	1911.0	1899.8	1886.5	1867.6	1835.8	1786.2	1723.6	1654.7
42.5°	2278.5	2320.9	2340.8	2335.7	2340.8	2320.9	2278.5	2216.2	2127.7	2018.0	1910.3
40°	2963.9	3032.2	3070.0	3100.1	3070.0	3032.2	2963.9	2848.8	2676.2	2467.2	2302.0
37.5°	4167.7	4300.3	4370.1	4430.8	4370.1	4300.3	4167.7	3936.9	3598.7	3196.8	2935.0
35°	6253.0	6551.2	6710.9	6766.5	6710.9	6551.2	6253.0	5768.9	5121.0	4443.0	3965.1
32.5°	9598.3	10148.4	10452.6	10687.7	10452.6	10148.4	9598.3	8695.9	7536.1	6461.5	5565.4
30°	13738.3	14463.0	14865.4	15061.9	14865.4	14463.0	13738.3	12559.8	11071.5	9561.2	7934.5
27.5°	17982.4	18806.2	19240.0	19216.6	19240.0	18806.2	17982.4	16688.8	15128.2	13257.0	11152.0
25°	22185.4	23139.5	23571.9	23958.8	23571.9	23139.5	22185.4	20707.2	18982.8	17023.8	14760.0
22.5°	26436.3	27552.0	28160.8	28446.3	28160.8	27552.0	26436.3	24784.0	22917.5	20736.0	18321.2
20°	30636.6	31878.6	32524.9	32806.3	32524.9	31878.6	30636.6	29015.3	26911.6	24438.2	21779.2
17.5°	34361.9	35574.3	36190.3	36451.4	36190.3	35574.3	34361.9	32873.9	30675.8	28058.5	25041.9
15°	37336.4	38230.7	38754.6	38893.3	38754.6	38230.7	37336.4	36057.6	33991.1	31305.7	28169.4
12.5°	39392.5	39738.9	39990.9	40068.2	39990.9	39738.9	39392.5	38325.8	36717.2	34061.3	30869.6
10°	40443.7	40287.4	40222.8	40231.0	40222.8	40287.4	40443.7	39663.7	38292.8	36180.1	33216.7
7.5°	40371.4	40140.0	39675.1	39601.1	39675.1	40140.0	40371.4	40189.2	39234.9	37470.5	34738.1
5°	39791.4	39370.0	38598.4	38376.6	38598.4	39370.0	39791.4	39863.1	39383.9	38073.2	35711.6
2.5°	39115.4	38355.7	37644.9	37187.5	37644.9	38355.7	39115.4	39431.4	39348.8	38480.1	36476.4
0°	38914.5	38036.9	37116.7	36819.5	37116.7	38036.9	38914.5	39332.1	39346.3	38631.4	36791.2
-2.5°	39115.4	38355.7	37644.9	37187.5	37644.9	38355.7	39115.4	39431.4	39348.8	38480.1	36476.4
-5°	39791.4	39370.0	38598.4	38376.6	38598.4	39370.0	39791.4	39863.1	39383.9	38073.2	35711.6
-7.5°	40371.4	40140.0	39675.1	39601.1	39675.1	40140.0	40371.4	40189.2	39234.9	37470.5	34738.1
-10°	40443.7	40287.4	40222.8	40231.0	40222.8	40287.4	40443.7	39663.7	38292.8	36180.1	33216.7
-12.5°	39392.5	39738.9	39990.9	40068.2	39990.9	39738.9	39392.5	38325.8	36717.2	34061.3	30869.6
-15°	37336.4	38230.7	38754.6	38893.3	38754.6	38230.7	37336.4	36057.6	33991.1	31305.7	28169.4
-17.5°	34361.9	35574.3	36190.3	36451.4	36190.3	35574.3	34361.9	32873.9	30675.8	28058.5	25041.9
-20°	30636.6	31878.6	32524.9	32806.3	32524.9	31878.6	30636.6	29015.3	26911.6	24438.2	21779.2



REPORT NUMBER: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	26436.3	27552.0	28160.8	28446.3	28160.8	27552.0	26436.3	24784.0	22917.5	20736.0	18321.2
-25°	22185.4	23139.5	23571.9	23958.8	23571.9	23139.5	22185.4	20707.2	18982.8	17023.8	14760.0
-27.5°	17982.4	18806.2	19240.0	19216.6	19240.0	18806.2	17982.4	16688.8	15128.2	13257.0	11152.0
-30°	13738.3	14463.0	14865.4	15061.9	14865.4	14463.0	13738.3	12559.8	11071.5	9561.2	7934.5
-32.5°	9598.3	10148.4	10452.6	10687.7	10452.6	10148.4	9598.3	8695.9	7536.1	6461.5	5565.4
-35°	6253.0	6551.2	6710.9	6766.5	6710.9	6551.2	6253.0	5768.9	5121.0	4443.0	3965.1
-37.5°	4167.7	4300.3	4370.1	4430.8	4370.1	4300.3	4167.7	3936.9	3598.7	3196.8	2935.0
-40°	2963.9	3032.2	3070.0	3100.1	3070.0	3032.2	2963.9	2848.8	2676.2	2467.2	2302.0
-42.5°	2278.5	2320.9	2340.8	2335.7	2340.8	2320.9	2278.5	2216.2	2127.7	2018.0	1910.3
-45°	1867.6	1886.5	1899.8	1911.0	1899.8	1886.5	1867.6	1835.8	1786.2	1723.6	1654.7
-47.5°	1601.1	1610.6	1616.9	1620.8	1616.9	1610.6	1601.1	1584.2	1557.4	1521.3	1478.4
-50°	1423.5	1425.2	1425.1	1422.7	1425.1	1425.2	1423.5	1417.3	1405.3	1386.2	1363.1
-52.5°	1309.2	1307.4	1305.4	1302.3	1305.4	1307.4	1309.2	1308.1	1303.4	1292.5	1279.0
-55°	1227.1	1223.7	1220.8	1217.4	1220.8	1223.7	1227.1	1228.0	1226.2	1218.8	1209.4
-57.5°	1161.6	1159.6	1157.1	1153.7	1157.1	1159.6	1161.6	1161.6	1159.5	1154.3	1147.2
-60°	1100.8	1101.7	1100.3	1097.1	1100.3	1101.7	1100.8	1097.3	1091.2	1084.0	1075.9
-62.5°	1023.3	1028.9	1029.2	1026.3	1029.2	1028.9	1023.3	1015.5	1005.5	996.6	986.9
-65°	925.5	930.3	933.3	934.3	933.3	930.3	925.5	918.9	910.8	901.9	890.6
-67.5°	828.6	831.4	830.9	828.1	830.9	831.4	828.6	824.2	818.5	809.5	796.2
-70°	720.6	719.3	721.1	722.0	721.1	719.3	720.6	720.0	717.4	710.8	699.0
-72.5°	613.3	613.2	611.7	608.7	611.7	613.2	613.3	611.9	609.0	604.3	596.8
-75°	507.7	507.2	505.5	502.5	505.5	507.2	507.7	507.0	505.2	501.9	495.2
-77.5°	397.6	394.7	395.9	396.4	395.9	394.7	397.6	399.3	399.7	398.0	391.0
-80°	295.9	295.9	293.5	290.2	293.5	295.9	295.9	295.1	293.4	290.8	285.9
-82.5°	203.0	204.2	201.5	198.2	201.5	204.2	203.0	201.2	199.1	196.6	193.2
-85°	113.7	112.6	109.6	106.2	109.6	112.6	113.7	114.4	114.9	114.9	111.3
-87.5°	36.9	35.3	35.4	35.4	35.4	35.3	36.9	38.4	39.8	41.0	38.8
-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: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	36.6	34.3	32.1	33.0	33.7	34.4	34.8	33.7	32.6	31.3	30.0
85°	107.3	103.0	98.6	97.4	95.9	94.2	92.1	88.1	83.8	79.4	74.7
82.5°	189.2	184.5	179.4	175.8	171.8	167.3	162.1	154.3	146.4	138.4	130.4
80°	280.3	274.0	267.2	261.2	254.6	247.4	238.9	226.8	214.2	201.8	190.1
77.5°	383.0	373.9	364.0	354.0	343.4	332.4	320.0	304.7	289.3	273.3	257.0
75°	487.0	477.4	465.9	452.6	438.1	422.5	405.9	387.5	368.2	347.9	327.5
72.5°	588.0	577.7	565.9	551.7	535.2	516.8	496.4	473.9	450.2	425.3	401.0
70°	686.4	673.3	661.5	649.4	633.8	615.0	590.8	563.7	535.2	506.4	478.3
67.5°	781.2	764.6	753.1	741.9	727.8	710.5	685.4	656.2	624.2	590.8	557.5
65°	875.7	857.2	845.6	835.4	821.8	804.4	778.0	748.3	714.7	677.4	638.7
62.5°	974.5	959.2	946.5	931.6	915.5	896.2	869.6	838.5	804.5	765.3	720.4
60°	1066.6	1055.4	1035.5	1017.0	1000.7	980.5	948.9	919.1	891.3	846.2	798.0
57.5°	1138.4	1125.2	1106.7	1087.5	1067.8	1041.8	1013.7	985.4	953.2	915.2	870.3
55°	1198.0	1183.5	1166.2	1147.3	1126.0	1097.0	1067.9	1037.7	1006.6	975.0	931.1
52.5°	1263.5	1247.5	1227.1	1202.2	1177.6	1149.1	1116.5	1084.4	1055.3	1023.0	987.1
50°	1341.1	1321.8	1298.5	1272.0	1239.1	1203.5	1169.3	1131.8	1101.4	1069.9	1033.3
47.5°	1445.8	1413.7	1379.2	1347.7	1307.2	1264.3	1224.9	1186.4	1150.4	1116.3	1079.0
45°	1602.9	1542.5	1477.5	1434.1	1382.6	1333.6	1283.1	1239.7	1198.4	1160.0	1125.0
42.5°	1828.5	1732.5	1643.7	1557.3	1474.8	1414.6	1351.6	1297.8	1247.9	1202.4	1161.3
40°	2154.4	1988.7	1866.6	1730.2	1619.4	1513.5	1433.0	1359.7	1301.9	1247.9	1198.0
37.5°	2646.4	2372.6	2169.4	1956.7	1802.3	1654.9	1530.9	1435.4	1356.9	1294.4	1236.3
35°	3407.7	2980.6	2599.8	2298.8	2025.5	1831.5	1658.1	1524.3	1423.8	1342.0	1274.3
32.5°	4597.6	3919.8	3228.6	2783.6	2361.7	2044.9	1821.9	1637.7	1495.5	1398.1	1316.7
30°	6448.2	5253.3	4236.3	3406.3	2827.6	2343.6	2004.3	1779.0	1597.1	1454.8	1359.6
27.5°	9134.3	7040.8	5618.0	4324.5	3390.5	2754.7	2268.6	1930.2	1704.0	1534.3	1408.9
25°	12269.8	9763.8	7327.3	5578.0	4202.7	3219.5	2577.1	2142.0	1836.3	1617.2	1452.2
22.5°	15574.5	12635.9	9715.6	6991.5	5210.2	3899.5	2975.5	2355.6	1961.2	1705.4	1515.3
20°	18853.4	15535.4	12208.3	9093.2	6436.9	4565.1	3408.9	2639.0	2135.7	1804.3	1575.0
17.5°	21866.8	18381.0	14735.9	11134.2	7947.8	5577.3	3958.2	2925.6	2287.8	1892.2	1626.8
15°	24720.6	21040.5	17195.3	13299.6	9562.5	6468.8	4426.2	3175.3	2446.1	1994.3	1694.5
12.5°	27305.0	23428.7	19382.7	15161.2	10996.2	7467.9	5050.6	3543.2	2640.5	2100.3	1758.3
10°	29560.9	25422.1	21111.2	16725.4	12381.9	8502.3	5640.8	3857.1	2809.0	2188.2	1810.6
7.5°	31181.1	26991.6	22484.5	17989.7	13509.1	9391.3	6142.6	4105.5	2941.2	2255.5	1850.8
5°	32372.4	28215.6	23629.5	19017.1	14345.7	10055.9	6517.2	4280.2	3035.7	2302.0	1878.7
2.5°	33189.6	28990.1	24395.7	19691.1	14831.3	10446.2	6756.0	4374.1	3080.4	2338.6	1894.1
0°	33422.0	29210.7	24588.8	20044.7	14906.1	10496.6	6851.4	4388.3	3078.9	2357.0	1896.9
-2.5°	33189.6	28990.1	24395.7	19691.1	14831.3	10446.2	6756.0	4374.1	3080.4	2338.6	1894.1
-5°	32372.4	28215.6	23629.5	19017.1	14345.7	10055.9	6517.2	4280.2	3035.7	2302.0	1878.7
-7.5°	31181.1	26991.6	22484.5	17989.7	13509.1	9391.3	6142.6	4105.5	2941.2	2255.5	1850.8
-10°	29560.9	25422.1	21111.2	16725.4	12381.9	8502.3	5640.8	3857.1	2809.0	2188.2	1810.6
-12.5°	27305.0	23428.7	19382.7	15161.2	10996.2	7467.9	5050.6	3543.2	2640.5	2100.3	1758.3
-15°	24720.6	21040.5	17195.3	13299.6	9562.5	6468.8	4426.2	3175.3	2446.1	1994.3	1694.5
-17.5°	21866.8	18381.0	14735.9	11134.2	7947.8	5577.3	3958.2	2925.6	2287.8	1892.2	1626.8
-20°	18853.4	15535.4	12208.3	9093.2	6436.9	4565.1	3408.9	2639.0	2135.7	1804.3	1575.0



REPORT NUMBER: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	15574.5	12635.9	9715.6	6991.5	5210.2	3899.5	2975.5	2355.6	1961.2	1705.4	1515.3
-25°	12269.8	9763.8	7327.3	5578.0	4202.7	3219.5	2577.1	2142.0	1836.3	1617.2	1452.2
-27.5°	9134.3	7040.8	5618.0	4324.5	3390.5	2754.7	2268.6	1930.2	1704.0	1534.3	1408.9
-30°	6448.2	5253.3	4236.3	3406.3	2827.6	2343.6	2004.3	1779.0	1597.1	1454.8	1359.6
-32.5°	4597.6	3919.8	3228.6	2783.6	2361.7	2044.9	1821.9	1637.7	1495.5	1398.1	1316.7
-35°	3407.7	2980.6	2599.8	2298.8	2025.5	1831.5	1658.1	1524.3	1423.8	1342.0	1274.3
-37.5°	2646.4	2372.6	2169.4	1956.7	1802.3	1654.9	1530.9	1435.4	1356.9	1294.4	1236.3
-40°	2154.4	1988.7	1866.6	1730.2	1619.4	1513.5	1433.0	1359.7	1301.9	1247.9	1198.0
-42.5°	1828.5	1732.5	1643.7	1557.3	1474.8	1414.6	1351.6	1297.8	1247.9	1202.4	1161.3
-45°	1602.9	1542.5	1477.5	1434.1	1382.6	1333.6	1283.1	1239.7	1198.4	1160.0	1125.0
-47.5°	1445.8	1413.7	1379.2	1347.7	1307.2	1264.3	1224.9	1186.4	1150.4	1116.3	1079.0
-50°	1341.1	1321.8	1298.5	1272.0	1239.1	1203.5	1169.3	1131.8	1101.4	1069.9	1033.3
-52.5°	1263.5	1247.5	1227.1	1202.2	1177.6	1149.1	1116.5	1084.4	1055.3	1023.0	987.1
-55°	1198.0	1183.5	1166.2	1147.3	1126.0	1097.0	1067.9	1037.7	1006.6	975.0	931.1
-57.5°	1138.4	1125.2	1106.7	1087.5	1067.8	1041.8	1013.7	985.4	953.2	915.2	870.3
-60°	1066.6	1055.4	1035.5	1017.0	1000.7	980.5	948.9	919.1	891.3	846.2	798.0
-62.5°	974.5	959.2	946.5	931.6	915.5	896.2	869.6	838.5	804.5	765.3	720.4
-65°	875.7	857.2	845.6	835.4	821.8	804.4	778.0	748.3	714.7	677.4	638.7
-67.5°	781.2	764.6	753.1	741.9	727.8	710.5	685.4	656.2	624.2	590.8	557.5
-70°	686.4	673.3	661.5	649.4	633.8	615.0	590.8	563.7	535.2	506.4	478.3
-72.5°	588.0	577.7	565.9	551.7	535.2	516.8	496.4	473.9	450.2	425.3	401.0
-75°	487.0	477.4	465.9	452.6	438.1	422.5	405.9	387.5	368.2	347.9	327.5
-77.5°	383.0	373.9	364.0	354.0	343.4	332.4	320.0	304.7	289.3	273.3	257.0
-80°	280.3	274.0	267.2	261.2	254.6	247.4	238.9	226.8	214.2	201.8	190.1
-82.5°	189.2	184.5	179.4	175.8	171.8	167.3	162.1	154.3	146.4	138.4	130.4
-85°	107.3	103.0	98.6	97.4	95.9	94.2	92.1	88.1	83.8	79.4	74.7
-87.5°	36.6	34.3	32.1	33.0	33.7	34.4	34.8	33.7	32.6	31.3	30.0
-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: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	28.7	27.3	25.9	24.4	22.8	21.2	19.6	18.0	15.6	13.3	11.2
85°	69.7	64.6	59.3	53.9	48.1	42.5	39.2	35.8	31.1	26.6	22.3
82.5°	122.3	114.5	106.5	98.2	88.7	79.3	70.1	61.1	51.1	40.6	33.4
80°	179.4	168.2	156.6	144.4	130.6	115.9	103.1	90.7	78.6	65.7	52.0
77.5°	241.3	225.0	208.1	192.7	176.6	159.5	141.3	122.3	106.0	90.7	74.5
75°	307.4	287.6	267.3	246.4	224.9	203.0	182.2	160.3	138.4	116.1	96.8
72.5°	377.5	353.0	327.7	301.7	276.6	250.8	224.4	198.0	172.4	146.5	120.1
70°	449.5	419.6	390.0	360.8	330.1	298.3	268.2	237.1	206.1	176.5	146.5
67.5°	523.0	489.4	454.5	420.0	386.0	350.2	312.4	276.1	240.7	206.1	172.4
65°	600.3	560.5	519.7	480.5	441.5	402.3	361.0	315.8	274.7	235.9	198.0
62.5°	676.3	632.8	587.0	540.4	496.0	452.7	408.7	358.4	308.8	265.0	223.1
60°	750.0	701.3	651.9	600.4	549.9	501.4	452.6	400.0	345.8	293.3	247.6
57.5°	817.6	766.4	711.3	657.0	602.6	548.9	495.0	439.1	381.8	324.1	271.4
55°	881.1	825.3	767.8	709.1	652.0	594.8	536.3	476.7	416.3	354.8	294.8
52.5°	940.7	882.4	821.3	759.0	697.2	638.1	576.4	513.2	449.2	384.3	320.4
50°	992.7	938.0	873.4	807.5	740.5	678.1	615.4	548.6	481.0	412.7	345.4
47.5°	1036.4	986.2	923.8	854.4	784.0	717.3	651.9	582.7	511.7	440.0	369.4
45°	1079.2	1030.7	970.4	899.6	826.9	756.4	687.0	615.6	541.2	466.3	392.4
42.5°	1119.3	1070.9	1014.5	943.0	867.9	794.0	721.1	646.7	569.5	491.3	414.2
40°	1153.4	1106.0	1056.0	984.7	906.6	829.5	753.5	676.5	596.5	515.1	434.8
37.5°	1186.7	1138.1	1086.6	1024.0	942.9	862.8	783.9	705.3	622.6	538.2	454.3
35°	1218.9	1168.6	1114.0	1054.5	976.6	893.8	812.3	732.0	646.9	560.2	472.5
32.5°	1247.6	1196.0	1139.3	1079.2	1007.7	922.5	838.6	755.6	669.6	581.0	489.4
30°	1281.8	1219.0	1162.0	1103.4	1034.2	948.8	862.9	777.5	690.5	600.6	505.3
27.5°	1314.6	1241.0	1182.4	1123.6	1055.1	972.6	885.4	797.8	709.6	618.5	521.0
25°	1346.3	1266.3	1201.2	1140.5	1075.1	995.4	906.1	816.4	726.4	634.1	535.5
22.5°	1382.7	1289.4	1218.9	1155.2	1094.3	1016.0	924.8	833.2	741.4	648.0	548.7
20°	1415.1	1308.5	1235.2	1169.0	1108.6	1031.6	941.5	848.3	754.8	660.4	560.7
17.5°	1446.7	1330.2	1251.1	1182.3	1119.3	1045.3	956.2	861.4	766.5	671.1	571.3
15°	1490.7	1355.0	1264.9	1193.6	1128.4	1056.9	968.8	872.7	776.5	680.2	580.9
12.5°	1528.4	1375.8	1276.4	1202.8	1135.8	1066.5	979.2	882.0	784.8	688.2	589.3
10°	1558.9	1392.4	1285.3	1210.0	1141.5	1074.0	987.4	889.9	792.6	695.3	596.3
7.5°	1582.2	1404.7	1291.6	1215.1	1145.4	1079.5	995.0	896.9	798.9	700.7	601.7
5°	1597.9	1412.8	1297.0	1218.0	1147.6	1082.9	1000.6	902.0	803.3	704.7	605.6
2.5°	1606.1	1416.4	1300.9	1218.8	1148.0	1083.9	1004.0	905.0	806.0	707.0	607.9
0°	1606.7	1415.6	1302.3	1217.4	1146.6	1082.9	1005.1	906.0	806.9	707.8	608.7
-2.5°	1606.1	1416.4	1300.9	1218.8	1148.0	1083.9	1004.0	905.0	806.0	707.0	607.9
-5°	1597.9	1412.8	1297.0	1218.0	1147.6	1082.9	1000.6	902.0	803.3	704.7	605.6
-7.5°	1582.2	1404.7	1291.6	1215.1	1145.4	1079.5	995.0	896.9	798.9	700.7	601.7
-10°	1558.9	1392.4	1285.3	1210.0	1141.5	1074.0	987.4	889.9	792.6	695.3	596.3
-12.5°	1528.4	1375.8	1276.4	1202.8	1135.8	1066.5	979.2	882.0	784.8	688.2	589.3
-15°	1490.7	1355.0	1264.9	1193.6	1128.4	1056.9	968.8	872.7	776.5	680.2	580.9
-17.5°	1446.7	1330.2	1251.1	1182.3	1119.3	1045.3	956.2	861.4	766.5	671.1	571.3
-20°	1415.1	1308.5	1235.2	1169.0	1108.6	1031.6	941.5	848.3	754.8	660.4	560.7



REPORT NUMBER: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	1382.7	1289.4	1218.9	1155.2	1094.3	1016.0	924.8	833.2	741.4	648.0	548.7
-25°	1346.3	1266.3	1201.2	1140.5	1075.1	995.4	906.1	816.4	726.4	634.1	535.5
-27.5°	1314.6	1241.0	1182.4	1123.6	1055.1	972.6	885.4	797.8	709.6	618.5	521.0
-30°	1281.8	1219.0	1162.0	1103.4	1034.2	948.8	862.9	777.5	690.5	600.6	505.3
-32.5°	1247.6	1196.0	1139.3	1079.2	1007.7	922.5	838.6	755.6	669.6	581.0	489.4
-35°	1218.9	1168.6	1114.0	1054.5	976.6	893.8	812.3	732.0	646.9	560.2	472.5
-37.5°	1186.7	1138.1	1086.6	1024.0	942.9	862.8	783.9	705.3	622.6	538.2	454.3
-40°	1153.4	1106.0	1056.0	984.7	906.6	829.5	753.5	676.5	596.5	515.1	434.8
-42.5°	1119.3	1070.9	1014.5	943.0	867.9	794.0	721.1	646.7	569.5	491.3	414.2
-45°	1079.2	1030.7	970.4	899.6	826.9	756.4	687.0	615.6	541.2	466.3	392.4
-47.5°	1036.4	986.2	923.8	854.4	784.0	717.3	651.9	582.7	511.7	440.0	369.4
-50°	992.7	938.0	873.4	807.5	740.5	678.1	615.4	548.6	481.0	412.7	345.4
-52.5°	940.7	882.4	821.3	759.0	697.2	638.1	576.4	513.2	449.2	384.3	320.4
-55°	881.1	825.3	767.8	709.1	652.0	594.8	536.3	476.7	416.3	354.8	294.8
-57.5°	817.6	766.4	711.3	657.0	602.6	548.9	495.0	439.1	381.8	324.1	271.4
-60°	750.0	701.3	651.9	600.4	549.9	501.4	452.6	400.0	345.8	293.3	247.6
-62.5°	676.3	632.8	587.0	540.4	496.0	452.7	408.7	358.4	308.8	265.0	223.1
-65°	600.3	560.5	519.7	480.5	441.5	402.3	361.0	315.8	274.7	235.9	198.0
-67.5°	523.0	489.4	454.5	420.0	386.0	350.2	312.4	276.1	240.7	206.1	172.4
-70°	449.5	419.6	390.0	360.8	330.1	298.3	268.2	237.1	206.1	176.5	146.5
-72.5°	377.5	353.0	327.7	301.7	276.6	250.8	224.4	198.0	172.4	146.5	120.1
-75°	307.4	287.6	267.3	246.4	224.9	203.0	182.2	160.3	138.4	116.1	96.8
-77.5°	241.3	225.0	208.1	192.7	176.6	159.5	141.3	122.3	106.0	90.7	74.5
-80°	179.4	168.2	156.6	144.4	130.6	115.9	103.1	90.7	78.6	65.7	52.0
-82.5°	122.3	114.5	106.5	98.2	88.7	79.3	70.1	61.1	51.1	40.6	33.4
-85°	69.7	64.6	59.3	53.9	48.1	42.5	39.2	35.8	31.1	26.6	22.3
-87.5°	28.7	27.3	25.9	24.4	22.8	21.2	19.6	18.0	15.6	13.3	11.2
-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: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	9.2	7.7	6.1	4.6	3.1	1.5	0.0
85°	18.3	15.3	12.3	9.2	6.2	3.1	0.0
82.5°	27.4	22.9	18.4	13.8	9.2	4.6	0.0
80°	37.8	30.5	24.5	18.4	12.3	6.1	0.0
77.5°	57.5	41.2	30.5	22.9	15.3	7.7	0.0
75°	77.1	57.5	37.8	27.4	18.3	9.2	0.0
72.5°	96.5	73.7	50.7	31.9	21.3	10.6	0.0
70°	116.1	89.7	63.6	37.2	24.2	12.1	0.0
67.5°	138.2	105.5	76.2	46.7	27.1	13.5	0.0
65°	159.9	122.1	88.6	56.0	29.9	15.0	0.0
62.5°	181.0	139.5	100.7	65.1	32.7	16.3	0.0
60°	201.6	156.5	112.6	74.0	35.4	17.7	0.0
57.5°	222.2	172.9	125.6	82.8	41.0	19.0	0.0
55°	242.4	188.9	138.2	91.2	46.6	20.3	0.0
52.5°	262.1	204.5	150.4	99.4	51.9	21.5	0.0
50°	281.3	220.5	162.2	107.4	57.1	22.8	0.0
47.5°	300.2	236.1	173.5	115.2	62.0	23.9	0.0
45°	319.8	251.2	184.2	123.3	66.7	25.0	0.0
42.5°	338.4	265.7	194.5	131.0	71.2	26.1	0.0
40°	356.1	279.6	204.9	138.1	75.4	27.1	0.0
37.5°	372.8	292.9	215.5	144.7	79.4	28.1	0.0
35°	388.4	305.9	225.5	150.9	83.1	29.0	0.0
32.5°	403.0	318.1	234.9	156.7	86.6	29.9	0.0
30°	416.5	329.5	243.8	162.1	89.8	30.7	0.0
27.5°	428.9	339.9	251.6	167.1	92.7	31.4	0.0
25°	440.1	349.5	258.8	171.6	95.3	32.1	0.0
22.5°	450.2	357.9	265.2	175.7	97.7	32.7	0.0
20°	459.1	365.1	271.0	179.3	99.8	33.3	0.0
17.5°	467.2	371.4	276.0	182.5	101.5	33.8	0.0
15°	474.5	376.8	280.3	185.1	103.1	34.2	0.0
12.5°	480.7	381.3	283.8	187.3	104.3	34.6	0.0
10°	486.0	384.8	286.6	189.1	105.2	34.9	0.0
7.5°	490.1	387.3	288.6	190.3	105.9	35.1	0.0
5°	493.1	389.0	289.9	191.1	106.3	35.3	0.0
2.5°	494.9	389.6	290.4	191.3	106.4	35.4	0.0
0°	495.5	389.3	290.2	191.1	106.2	35.4	0.0
-2.5°	494.9	389.6	290.4	191.3	106.4	35.4	0.0
-5°	493.1	389.0	289.9	191.1	106.3	35.3	0.0
-7.5°	490.1	387.3	288.6	190.3	105.9	35.1	0.0
-10°	486.0	384.8	286.6	189.1	105.2	34.9	0.0
-12.5°	480.7	381.3	283.8	187.3	104.3	34.6	0.0
-15°	474.5	376.8	280.3	185.1	103.1	34.2	0.0
-17.5°	467.2	371.4	276.0	182.5	101.5	33.8	0.0
-20°	459.1	365.1	271.0	179.3	99.8	33.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	450.2	357.9	265.2	175.7	97.7	32.7	0.0
-25°	440.1	349.5	258.8	171.6	95.3	32.1	0.0
-27.5°	428.9	339.9	251.6	167.1	92.7	31.4	0.0
-30°	416.5	329.5	243.8	162.1	89.8	30.7	0.0
-32.5°	403.0	318.1	234.9	156.7	86.6	29.9	0.0
-35°	388.4	305.9	225.5	150.9	83.1	29.0	0.0
-37.5°	372.8	292.9	215.5	144.7	79.4	28.1	0.0
-40°	356.1	279.6	204.9	138.1	75.4	27.1	0.0
-42.5°	338.4	265.7	194.5	131.0	71.2	26.1	0.0
-45°	319.8	251.2	184.2	123.3	66.7	25.0	0.0
-47.5°	300.2	236.1	173.5	115.2	62.0	23.9	0.0
-50°	281.3	220.5	162.2	107.4	57.1	22.8	0.0
-52.5°	262.1	204.5	150.4	99.4	51.9	21.5	0.0
-55°	242.4	188.9	138.2	91.2	46.6	20.3	0.0
-57.5°	222.2	172.9	125.6	82.8	41.0	19.0	0.0
-60°	201.6	156.5	112.6	74.0	35.4	17.7	0.0
-62.5°	181.0	139.5	100.7	65.1	32.7	16.3	0.0
-65°	159.9	122.1	88.6	56.0	29.9	15.0	0.0
-67.5°	138.2	105.5	76.2	46.7	27.1	13.5	0.0
-70°	116.1	89.7	63.6	37.2	24.2	12.1	0.0
-72.5°	96.5	73.7	50.7	31.9	21.3	10.6	0.0
-75°	77.1	57.5	37.8	27.4	18.3	9.2	0.0
-77.5°	57.5	41.2	30.5	22.9	15.3	7.7	0.0
-80°	37.8	30.5	24.5	18.4	12.3	6.1	0.0
-82.5°	27.4	22.9	18.4	13.8	9.2	4.6	0.0
-85°	18.3	15.3	12.3	9.2	6.2	3.1	0.0
-87.5°	9.2	7.7	6.1	4.6	3.1	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)