

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: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627965 (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-SA6E-722-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N133
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

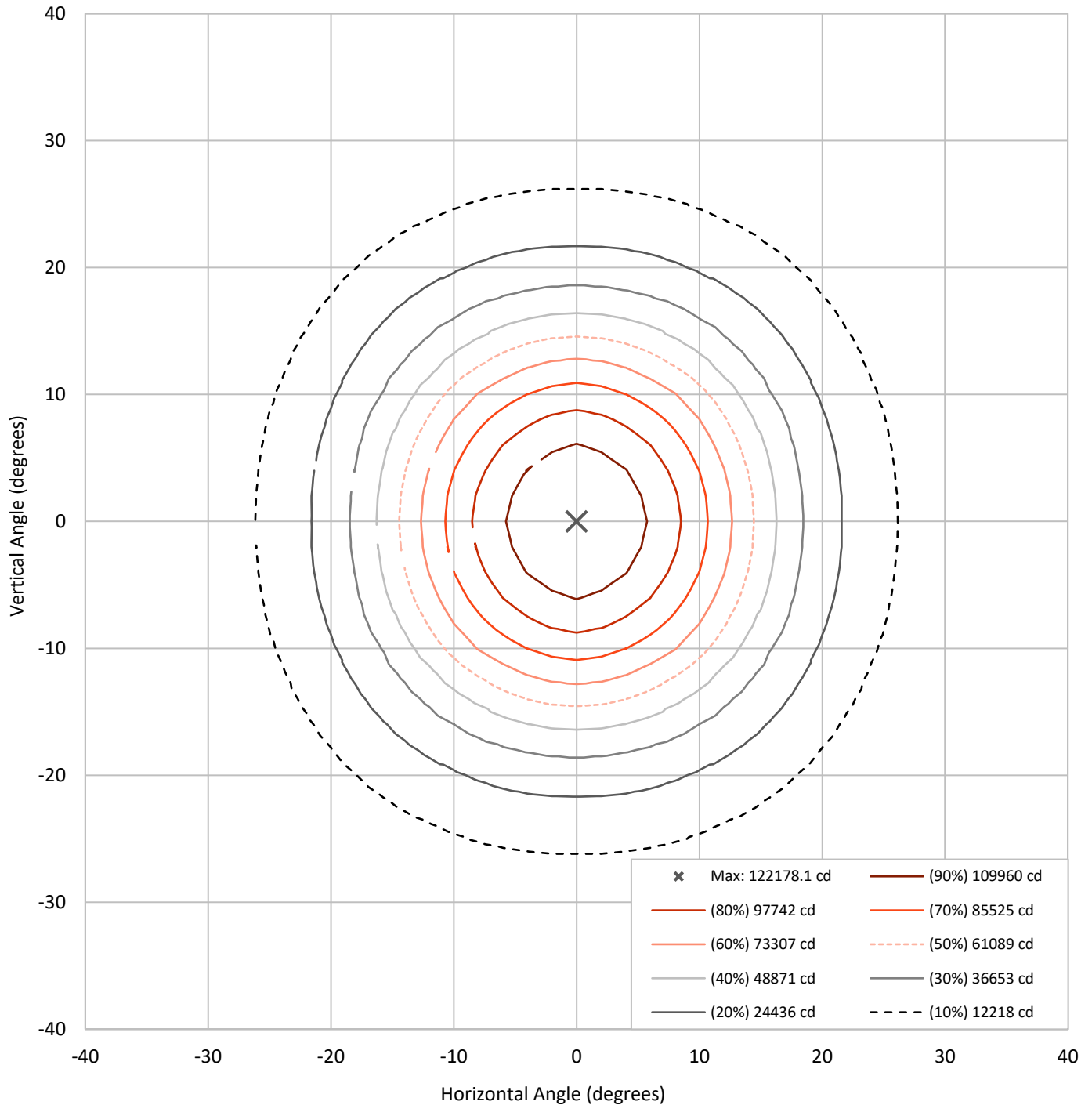
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	38172.7 lumens	Max Intensity:	122178.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.3 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:	18559 lumens	Field Lumens:	31320.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	376.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





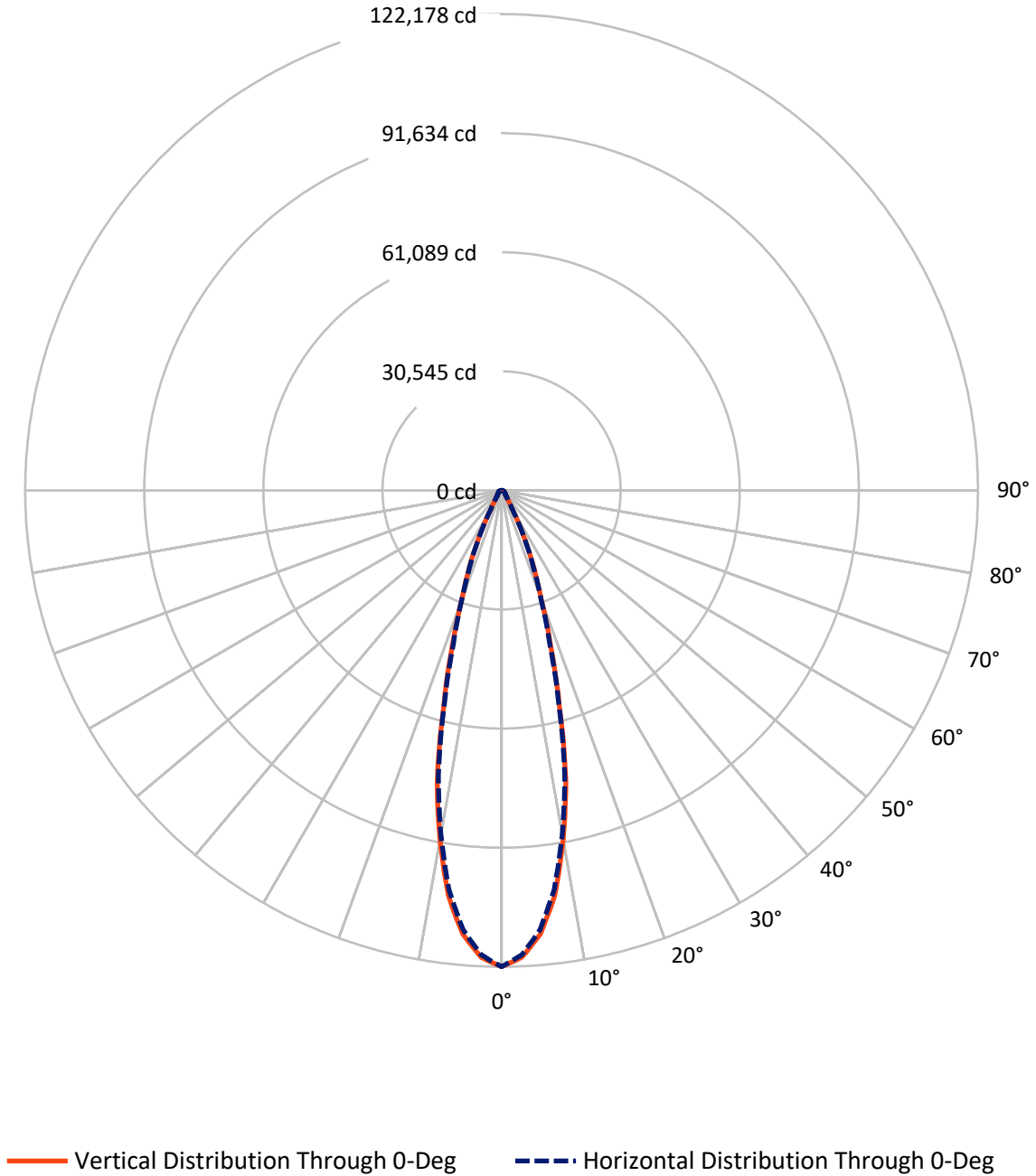
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Lumen Table

90	0.7	6.3	16.6	26.2	29.1	26.2	16.6	6.3	0.7							
80	0.7	6.3	16.6	26.2	29.1	26.2	16.6	6.3	0.7							
70	2.9	3.3	6.6	10.8	15.1	18.5	20.6	21.7	21.7	20.6	18.5	15.1	10.8	6.6	3.3	2.9
60		4.9	9.9	15.9	21.3	26.3	29.4	30.5	30.5	29.4	26.3	21.3	15.9	9.9	4.9	
50	5.0	6.3	12.7	19.6	26.2	33.1	38.9	41.8	41.8	38.9	33.1	26.2	19.6	12.7	6.3	5.0
40		7.4	14.8	22.7	32.1	45.7	66.2	86.0	86.0	66.2	45.7	32.1	22.7	14.8	7.4	
30	6.5	8.3	16.2	25.5	41.0	89.2	251.3	445.6	445.6	251.3	89.2	41.0	25.5	16.2	8.3	6.5
20		8.9	17.0	27.8	55.9	234.3	835.0	1600.1	1600.1	835.0	234.3	55.9	27.8	17.0	8.9	
10	6.9	9.2	17.3	29.2	71.0	404.4	1545.6	3040.1	3040.1	1545.6	404.4	71.0	29.2	17.3	9.2	6.9
0		9.2	17.3	29.2	71.0	404.4	1545.6	3040.1	3040.1	1545.6	404.4	71.0	29.2	17.3	9.2	
-10	6.5	8.9	17.0	27.8	55.9	234.3	835.0	1600.1	1600.1	835.0	234.3	55.9	27.8	17.0	8.9	6.5
-20		8.3	16.2	25.5	41.0	89.2	251.3	445.6	445.6	251.3	89.2	41.0	25.5	16.2	8.3	
-30	5.0	7.4	14.8	22.7	32.1	45.7	66.2	86.0	86.0	66.2	45.7	32.1	22.7	14.8	7.4	5.0
-40		6.3	12.7	19.6	26.2	33.1	38.9	41.8	41.8	38.9	33.1	26.2	19.6	12.7	6.3	
-50	2.9	4.9	9.9	15.9	21.3	26.3	29.4	30.5	30.5	29.4	26.3	21.3	15.9	9.9	4.9	2.9
-60		3.3	6.6	10.8	15.1	18.5	20.6	21.7	21.7	20.6	18.5	15.1	10.8	6.6	3.3	
-70	0.7	6.3	16.6	26.2	29.1	26.2	16.6	6.3	0.7							
-80		0.7	6.3	16.6	26.2	29.1	26.2	16.6	6.3	0.7						
-90	0.7	6.3	16.6	26.2	29.1	26.2	16.6	6.3	0.7							

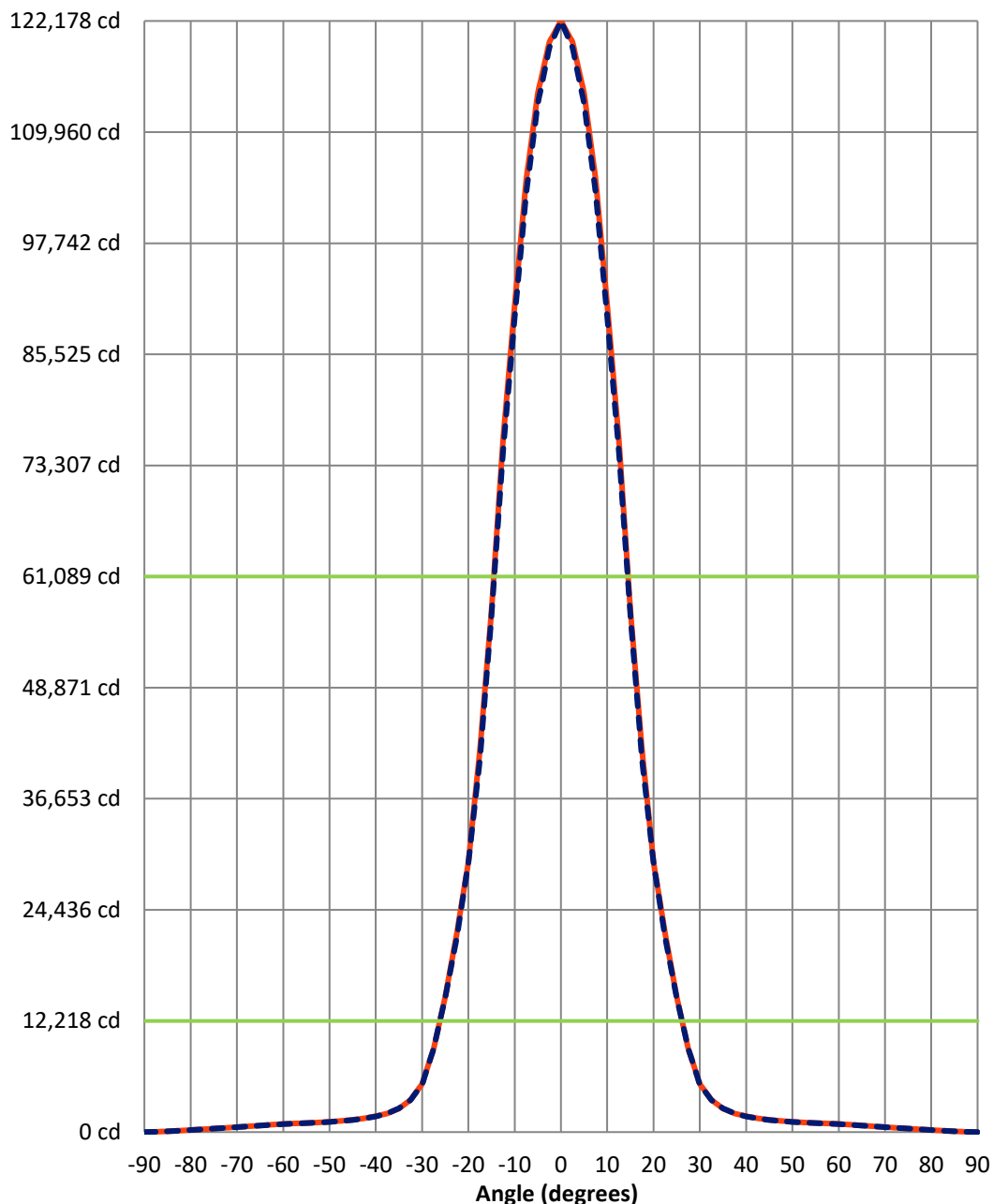
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 18559
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 31320.1
 Efficiency: 82.0%

Spill:
 Lumens: 6852.6
 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	2.7	4.1	5.5	6.8	8.1	9.4	10.7	12.0	13.3
85°	0.0	2.7	5.5	8.2	10.9	13.6	16.2	18.9	21.5	24.0	26.5
82.5°	0.0	4.1	8.2	12.3	16.3	20.3	24.3	28.3	32.8	40.2	48.0
80°	0.0	5.5	10.9	16.3	21.7	27.1	33.1	42.6	52.6	63.1	74.1
77.5°	0.0	6.8	13.6	20.3	27.1	35.5	47.0	59.3	72.2	85.8	100.7
75°	0.0	8.1	16.2	24.3	33.1	47.0	60.8	75.7	91.9	110.9	129.6
72.5°	0.0	9.4	18.9	28.3	42.2	58.4	74.5	93.0	115.0	136.8	158.3
70°	0.0	10.7	21.5	32.7	51.3	69.7	88.5	112.9	137.8	162.4	189.1
67.5°	0.0	12.0	24.0	39.4	60.2	80.8	105.6	132.6	160.3	190.4	220.1
65°	0.0	13.3	26.5	45.9	68.9	93.3	122.4	151.9	184.8	217.9	251.2
62.5°	0.0	14.5	29.0	52.4	77.5	107.0	138.9	172.4	208.9	245.2	283.4
60°	0.0	15.7	31.4	58.7	85.9	120.5	155.0	193.0	232.4	272.9	314.6
57.5°	0.0	16.9	35.4	64.8	96.3	133.6	171.9	213.2	255.8	299.6	345.4
55°	0.0	18.0	39.4	70.8	106.5	146.4	188.5	232.8	278.4	325.8	375.7
52.5°	0.0	19.1	43.3	76.6	116.4	158.9	204.5	251.7	300.1	352.2	405.2
50°	0.0	20.2	47.0	82.2	126.0	171.6	219.8	270.1	321.5	377.9	432.3
47.5°	0.0	21.2	50.6	88.0	135.3	183.7	234.5	287.8	343.4	402.5	458.1
45°	0.0	22.2	54.1	94.6	144.2	195.2	249.0	304.8	364.6	424.3	482.4
42.5°	0.0	23.1	57.4	101.0	152.7	206.2	263.0	321.8	384.7	444.8	504.8
40°	0.0	24.1	60.6	107.1	160.9	216.5	276.2	338.3	403.0	464.0	525.9
37.5°	0.0	24.9	63.6	112.7	168.8	226.2	288.8	353.7	419.4	482.5	545.9
35°	0.0	25.7	66.4	117.9	176.1	235.8	300.7	368.1	434.8	499.9	564.7
32.5°	0.0	26.5	69.1	122.7	182.9	245.1	311.9	381.4	449.2	516.2	583.0
30°	0.0	27.2	71.6	127.2	189.3	253.7	322.5	393.5	462.6	531.4	599.9
27.5°	0.0	27.9	73.9	131.2	195.0	261.6	332.2	404.2	474.9	545.3	615.6
25°	0.0	28.5	76.0	134.9	200.3	268.9	341.0	413.9	486.1	558.0	629.9
22.5°	0.0	29.0	77.9	138.1	205.2	275.4	348.8	422.7	496.2	569.5	644.2
20°	0.0	29.5	79.7	140.9	209.6	281.2	355.6	430.4	505.1	579.7	656.9
17.5°	0.0	29.9	81.2	143.3	213.6	286.0	361.9	437.2	512.9	588.5	668.0
15°	0.0	30.3	82.5	145.3	217.2	290.1	367.6	443.4	519.5	596.0	677.5
12.5°	0.0	30.7	83.7	146.9	220.2	293.3	372.5	449.3	525.6	602.2	685.2
10°	0.0	30.9	84.6	148.1	222.8	295.8	376.6	454.1	531.2	609.5	692.4
7.5°	0.0	31.1	85.4	148.9	224.8	297.4	379.9	457.9	535.5	616.0	700.3
5°	0.0	31.3	85.9	149.3	226.2	298.4	382.3	460.5	538.6	621.2	706.5
2.5°	0.0	31.4	86.2	149.3	227.1	298.5	383.8	462.2	540.5	625.0	711.0
0°	0.0	31.4	86.3	149.0	227.4	298.0	384.3	462.7	541.1	627.4	713.7
-2.5°	0.0	31.4	86.2	149.3	227.1	298.5	383.8	462.2	540.5	625.0	711.0
-5°	0.0	31.3	85.9	149.3	226.2	298.4	382.3	460.5	538.6	621.2	706.5
-7.5°	0.0	31.1	85.4	148.9	224.8	297.4	379.9	457.9	535.5	616.0	700.3
-10°	0.0	30.9	84.6	148.1	222.8	295.8	376.6	454.1	531.2	609.5	692.4
-12.5°	0.0	30.7	83.7	146.9	220.2	293.3	372.5	449.3	525.6	602.2	685.2
-15°	0.0	30.3	82.5	145.3	217.2	290.1	367.6	443.4	519.5	596.0	677.5
-17.5°	0.0	29.9	81.2	143.3	213.6	286.0	361.9	437.2	512.9	588.5	668.0
-20°	0.0	29.5	79.7	140.9	209.6	281.2	355.6	430.4	505.1	579.7	656.9

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Scaled Data Report



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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	29.0	77.9	138.1	205.2	275.4	348.8	422.7	496.2	569.5	644.2
-25°	0.0	28.5	76.0	134.9	200.3	268.9	341.0	413.9	486.1	558.0	629.9
-27.5°	0.0	27.9	73.9	131.2	195.0	261.6	332.2	404.2	474.9	545.3	615.6
-30°	0.0	27.2	71.6	127.2	189.3	253.7	322.5	393.5	462.6	531.4	599.9
-32.5°	0.0	26.5	69.1	122.7	182.9	245.1	311.9	381.4	449.2	516.2	583.0
-35°	0.0	25.7	66.4	117.9	176.1	235.8	300.7	368.1	434.8	499.9	564.7
-37.5°	0.0	24.9	63.6	112.7	168.8	226.2	288.8	353.7	419.4	482.5	545.9
-40°	0.0	24.1	60.6	107.1	160.9	216.5	276.2	338.3	403.0	464.0	525.9
-42.5°	0.0	23.1	57.4	101.0	152.7	206.2	263.0	321.8	384.7	444.8	504.8
-45°	0.0	22.2	54.1	94.6	144.2	195.2	249.0	304.8	364.6	424.3	482.4
-47.5°	0.0	21.2	50.6	88.0	135.3	183.7	234.5	287.8	343.4	402.5	458.1
-50°	0.0	20.2	47.0	82.2	126.0	171.6	219.8	270.1	321.5	377.9	432.3
-52.5°	0.0	19.1	43.3	76.6	116.4	158.9	204.5	251.7	300.1	352.2	405.2
-55°	0.0	18.0	39.4	70.8	106.5	146.4	188.5	232.8	278.4	325.8	375.7
-57.5°	0.0	16.9	35.4	64.8	96.3	133.6	171.9	213.2	255.8	299.6	345.4
-60°	0.0	15.7	31.4	58.7	85.9	120.5	155.0	193.0	232.4	272.9	314.6
-62.5°	0.0	14.5	29.0	52.4	77.5	107.0	138.9	172.4	208.9	245.2	283.4
-65°	0.0	13.3	26.5	45.9	68.9	93.3	122.4	151.9	184.8	217.9	251.2
-67.5°	0.0	12.0	24.0	39.4	60.2	80.8	105.6	132.6	160.3	190.4	220.1
-70°	0.0	10.7	21.5	32.7	51.3	69.7	88.5	112.9	137.8	162.4	189.1
-72.5°	0.0	9.4	18.9	28.3	42.2	58.4	74.5	93.0	115.0	136.8	158.3
-75°	0.0	8.1	16.2	24.3	33.1	47.0	60.8	75.7	91.9	110.9	129.6
-77.5°	0.0	6.8	13.6	20.3	27.1	35.5	47.0	59.3	72.2	85.8	100.7
-80°	0.0	5.5	10.9	16.3	21.7	27.1	33.1	42.6	52.6	63.1	74.1
-82.5°	0.0	4.1	8.2	12.3	16.3	20.3	24.3	28.3	32.8	40.2	48.0
-85°	0.0	2.7	5.5	8.2	10.9	13.6	16.2	18.9	21.5	24.0	26.5
-87.5°	0.0	1.4	2.7	4.1	5.5	6.8	8.1	9.4	10.7	12.0	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA6E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.5	15.7	16.9	18.0	19.1	20.2	21.2	22.2	23.1	24.1	24.9
85°	29.0	31.4	36.0	40.6	45.0	49.2	53.4	57.3	61.1	64.7	68.1
82.5°	55.4	62.5	69.6	76.4	83.0	89.4	95.6	101.5	107.2	112.6	117.8
80°	84.0	93.6	103.3	112.2	120.9	129.4	137.7	145.6	153.2	161.3	169.9
77.5°	114.4	126.7	137.8	148.0	159.0	172.4	185.3	197.7	209.6	221.0	231.8
75°	145.7	159.7	175.0	190.1	205.9	222.0	237.6	252.6	267.2	282.1	297.1
72.5°	178.7	197.7	216.2	234.1	254.0	273.5	291.4	307.7	326.1	346.4	365.0
70°	213.6	235.6	258.8	281.9	304.4	326.1	348.2	370.5	393.0	414.9	435.8
67.5°	248.7	276.3	303.2	329.4	354.9	380.9	407.2	434.1	460.1	484.8	509.0
65°	286.2	316.9	347.0	376.3	404.8	436.5	467.6	497.7	530.5	561.0	587.5
62.5°	322.5	357.0	390.2	423.4	458.0	493.1	529.1	566.9	606.1	634.2	658.5
60°	357.5	396.4	433.5	471.5	510.0	549.6	591.1	631.4	667.1	698.0	723.5
57.5°	391.7	435.3	476.3	517.6	559.7	604.8	650.5	691.6	724.9	754.6	782.6
55°	424.8	473.1	516.7	560.6	608.6	661.4	708.1	745.3	779.3	803.9	830.7
52.5°	456.3	507.9	553.6	602.8	657.7	712.5	759.0	795.0	823.6	849.1	875.2
50°	486.4	538.3	589.1	645.1	702.9	757.9	805.0	838.1	866.9	893.4	918.5
47.5°	513.7	567.7	625.0	684.9	745.4	799.7	844.8	878.6	908.4	935.6	963.3
45°	539.5	597.4	658.4	723.9	786.0	839.7	880.8	917.2	945.8	976.4	1011.1
42.5°	564.1	626.0	692.3	762.1	825.4	874.6	914.4	949.2	982.3	1019.1	1057.7
40°	588.2	652.8	724.4	797.8	862.3	905.0	944.9	981.7	1019.8	1061.5	1103.7
37.5°	610.8	680.1	754.5	831.0	889.4	933.8	974.9	1016.1	1058.8	1103.7	1156.2
35°	631.5	705.3	783.2	857.3	913.3	961.7	1005.8	1050.5	1098.3	1153.2	1211.0
32.5°	651.7	728.2	810.0	879.4	935.2	986.7	1035.5	1086.0	1140.8	1201.2	1267.3
30°	671.5	750.6	833.4	902.1	954.6	1007.4	1064.6	1120.7	1181.7	1248.8	1326.4
27.5°	690.8	771.4	853.0	919.8	971.7	1025.4	1086.7	1155.0	1221.6	1295.0	1385.0
25°	708.4	792.7	872.4	933.9	986.3	1042.6	1106.6	1179.4	1257.6	1345.0	1455.3
22.5°	725.1	812.0	890.7	945.8	998.6	1057.6	1126.5	1203.4	1288.5	1389.8	1524.5
20°	740.7	827.1	902.9	956.9	1008.7	1069.7	1143.7	1224.7	1321.9	1444.6	1605.6
17.5°	754.4	839.8	911.3	965.8	1019.3	1082.1	1158.4	1242.7	1352.0	1493.0	1683.6
15°	766.0	850.2	918.6	972.8	1028.3	1094.8	1173.4	1265.2	1385.0	1540.4	1750.9
12.5°	775.6	858.3	924.7	977.8	1035.4	1104.3	1186.2	1287.0	1417.9	1592.1	1841.6
10°	783.1	864.2	929.5	980.9	1040.3	1110.5	1196.3	1304.0	1444.5	1635.3	1919.4
7.5°	790.5	869.5	932.9	982.2	1043.2	1113.7	1203.3	1316.0	1464.0	1667.7	1981.3
5°	795.8	874.4	934.9	985.2	1045.0	1115.1	1208.0	1322.9	1476.2	1689.1	2025.1
2.5°	798.9	877.4	935.0	987.4	1045.1	1115.6	1213.6	1326.8	1489.7	1707.2	2050.0
0°	799.9	878.4	933.3	988.2	1043.1	1113.6	1215.6	1325.4	1497.9	1717.5	2054.7
-2.5°	798.9	877.4	935.0	987.4	1045.1	1115.6	1213.6	1326.8	1489.7	1707.2	2050.0
-5°	795.8	874.4	934.9	985.2	1045.0	1115.1	1208.0	1322.9	1476.2	1689.1	2025.1
-7.5°	790.5	869.5	932.9	982.2	1043.2	1113.7	1203.3	1316.0	1464.0	1667.7	1981.3
-10°	783.1	864.2	929.5	980.9	1040.3	1110.5	1196.3	1304.0	1444.5	1635.3	1919.4
-12.5°	775.6	858.3	924.7	977.8	1035.4	1104.3	1186.2	1287.0	1417.9	1592.1	1841.6
-15°	766.0	850.2	918.6	972.8	1028.3	1094.8	1173.4	1265.2	1385.0	1540.4	1750.9
-17.5°	754.4	839.8	911.3	965.8	1019.3	1082.1	1158.4	1242.7	1352.0	1493.0	1683.6
-20°	740.7	827.1	902.9	956.9	1008.7	1069.7	1143.7	1224.7	1321.9	1444.6	1605.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	725.1	812.0	890.7	945.8	998.6	1057.6	1126.5	1203.4	1288.5	1389.8	1524.5
-25°	708.4	792.7	872.4	933.9	986.3	1042.6	1106.6	1179.4	1257.6	1345.0	1455.3
-27.5°	690.8	771.4	853.0	919.8	971.7	1025.4	1086.7	1155.0	1221.6	1295.0	1385.0
-30°	671.5	750.6	833.4	902.1	954.6	1007.4	1064.6	1120.7	1181.7	1248.8	1326.4
-32.5°	651.7	728.2	810.0	879.4	935.2	986.7	1035.5	1086.0	1140.8	1201.2	1267.3
-35°	631.5	705.3	783.2	857.3	913.3	961.7	1005.8	1050.5	1098.3	1153.2	1211.0
-37.5°	610.8	680.1	754.5	831.0	889.4	933.8	974.9	1016.1	1058.8	1103.7	1156.2
-40°	588.2	652.8	724.4	797.8	862.3	905.0	944.9	981.7	1019.8	1061.5	1103.7
-42.5°	564.1	626.0	692.3	762.1	825.4	874.6	914.4	949.2	982.3	1019.1	1057.7
-45°	539.5	597.4	658.4	723.9	786.0	839.7	880.8	917.2	945.8	976.4	1011.1
-47.5°	513.7	567.7	625.0	684.9	745.4	799.7	844.8	878.6	908.4	935.6	963.3
-50°	486.4	538.3	589.1	645.1	702.9	757.9	805.0	838.1	866.9	893.4	918.5
-52.5°	456.3	507.9	553.6	602.8	657.7	712.5	759.0	795.0	823.6	849.1	875.2
-55°	424.8	473.1	516.7	560.6	608.6	661.4	708.1	745.3	779.3	803.9	830.7
-57.5°	391.7	435.3	476.3	517.6	559.7	604.8	650.5	691.6	724.9	754.6	782.6
-60°	357.5	396.4	433.5	471.5	510.0	549.6	591.1	631.4	667.1	698.0	723.5
-62.5°	322.5	357.0	390.2	423.4	458.0	493.1	529.1	566.9	606.1	634.2	658.5
-65°	286.2	316.9	347.0	376.3	404.8	436.5	467.6	497.7	530.5	561.0	587.5
-67.5°	248.7	276.3	303.2	329.4	354.9	380.9	407.2	434.1	460.1	484.8	509.0
-70°	213.6	235.6	258.8	281.9	304.4	326.1	348.2	370.5	393.0	414.9	435.8
-72.5°	178.7	197.7	216.2	234.1	254.0	273.5	291.4	307.7	326.1	346.4	365.0
-75°	145.7	159.7	175.0	190.1	205.9	222.0	237.6	252.6	267.2	282.1	297.1
-77.5°	114.4	126.7	137.8	148.0	159.0	172.4	185.3	197.7	209.6	221.0	231.8
-80°	84.0	93.6	103.3	112.2	120.9	129.4	137.7	145.6	153.2	161.3	169.9
-82.5°	55.4	62.5	69.6	76.4	83.0	89.4	95.6	101.5	107.2	112.6	117.8
-85°	29.0	31.4	36.0	40.6	45.0	49.2	53.4	57.3	61.1	64.7	68.1
-87.5°	14.5	15.7	16.9	18.0	19.1	20.2	21.2	22.2	23.1	24.1	24.9
-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: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	25.7	26.5	27.2	27.9	28.5	29.0	29.5	29.9	30.3	30.7	30.9
85°	71.4	74.4	77.3	79.9	82.3	82.9	83.1	83.0	82.6	83.7	84.6
82.5°	122.6	128.2	133.7	139.2	144.7	146.7	148.0	149.0	149.7	151.8	153.6
80°	178.1	186.8	194.9	202.1	208.5	213.1	217.2	221.0	224.5	226.1	226.9
77.5°	242.6	253.2	263.0	272.1	280.6	287.3	292.7	297.0	300.4	302.5	303.9
75°	311.9	325.2	337.1	348.2	358.3	365.4	370.3	374.0	376.4	379.1	381.2
72.5°	382.0	397.1	411.3	424.5	436.2	444.4	450.1	454.8	458.3	460.9	462.2
70°	455.6	473.8	489.3	502.6	513.2	521.1	527.2	532.2	536.0	538.6	540.0
67.5°	531.9	551.3	565.9	577.5	587.0	595.3	603.0	608.6	612.4	616.2	620.2
65°	609.6	629.3	644.3	656.6	666.6	677.4	687.2	694.5	699.4	703.9	708.4
62.5°	682.6	705.0	722.3	738.5	754.8	770.2	779.2	786.2	791.1	795.5	800.6
60°	749.1	774.4	795.5	815.1	835.1	855.1	863.4	869.9	876.0	881.8	886.9
57.5°	808.0	834.9	860.6	880.0	899.1	917.9	930.8	937.9	942.6	945.3	947.4
55°	859.3	886.2	911.9	934.2	954.9	974.2	988.6	995.5	1000.7	1004.0	1006.0
52.5°	905.3	934.1	961.5	986.2	1008.6	1029.4	1047.4	1057.0	1064.7	1070.2	1071.9
50°	950.4	981.6	1011.3	1037.7	1063.8	1088.6	1111.5	1124.7	1134.0	1139.8	1141.6
47.5°	997.5	1031.4	1063.5	1094.2	1123.7	1153.3	1180.4	1198.4	1211.8	1221.7	1228.7
45°	1046.6	1083.0	1118.5	1154.8	1188.8	1226.8	1261.1	1287.4	1306.9	1323.8	1337.3
42.5°	1096.0	1136.9	1177.7	1224.4	1270.8	1313.9	1354.8	1389.8	1421.7	1452.9	1477.2
40°	1149.7	1194.5	1250.3	1305.5	1362.8	1413.1	1472.7	1526.2	1575.2	1628.0	1671.8
37.5°	1208.4	1265.9	1332.0	1398.2	1472.7	1545.0	1628.3	1710.3	1781.6	1874.3	1948.7
35°	1272.4	1345.2	1423.2	1512.1	1608.2	1721.6	1838.1	1974.8	2090.8	2238.1	2374.1
32.5°	1343.5	1429.2	1530.5	1652.7	1782.4	1964.4	2135.1	2366.9	2565.0	2820.6	3099.8
30°	1415.9	1526.7	1664.5	1822.3	2041.6	2299.9	2601.1	2992.9	3416.8	3855.2	4445.4
27.5°	1501.8	1645.6	1817.6	2061.4	2389.4	2747.0	3360.6	4023.2	4946.2	5676.9	6978.3
25°	1594.3	1772.3	2026.4	2379.7	2832.9	3556.6	4592.4	5791.8	7638.7	9281.5	11169.5
22.5°	1703.8	1945.6	2282.0	2744.7	3534.8	4779.9	6396.6	8859.6	11597.5	14299.7	16769.6
20°	1819.8	2111.9	2582.2	3335.8	4557.1	6357.4	9241.9	12761.2	16396.0	20099.3	23220.2
17.5°	1955.2	2351.8	2971.4	3972.4	5714.7	8797.0	12649.7	17124.8	21873.4	26599.0	30703.8
15°	2071.6	2561.6	3396.0	4895.2	7493.3	11348.8	16084.0	21735.8	27707.4	33840.2	40487.0
12.5°	2220.0	2814.4	3833.4	5658.1	9071.5	14082.6	19876.5	26438.4	33730.6	41873.5	52235.7
10°	2356.2	3079.5	4408.8	6880.6	10968.5	16636.4	23152.5	30597.2	40055.7	52292.4	64791.8
7.5°	2465.3	3289.8	4855.0	7834.5	12559.4	18818.1	26102.2	35028.1	46828.4	61399.4	75680.8
5°	2541.3	3435.5	5174.3	8555.2	13839.1	20485.4	28195.5	38294.3	52536.9	68854.0	83436.2
2.5°	2589.0	3515.3	5330.5	8983.2	14673.8	21488.7	29501.5	40370.2	56035.6	73599.4	88363.4
0°	2611.5	3529.1	5230.9	9191.4	14790.9	21417.8	29621.1	41063.3	56865.9	74887.9	89592.6
-2.5°	2589.0	3515.3	5330.5	8983.2	14673.8	21488.7	29501.5	40370.2	56035.6	73599.4	88363.4
-5°	2541.3	3435.5	5174.3	8555.2	13839.1	20485.4	28195.5	38294.3	52536.9	68854.0	83436.2
-7.5°	2465.3	3289.8	4855.0	7834.5	12559.4	18818.1	26102.2	35028.1	46828.4	61399.4	75680.8
-10°	2356.2	3079.5	4408.8	6880.6	10968.5	16636.4	23152.5	30597.2	40055.7	52292.4	64791.8
-12.5°	2220.0	2814.4	3833.4	5658.1	9071.5	14082.6	19876.5	26438.4	33730.6	41873.5	52235.7
-15°	2071.6	2561.6	3396.0	4895.2	7493.3	11348.8	16084.0	21735.8	27707.4	33840.2	40487.0
-17.5°	1955.2	2351.8	2971.4	3972.4	5714.7	8797.0	12649.7	17124.8	21873.4	26599.0	30703.8
-20°	1819.8	2111.9	2582.2	3335.8	4557.1	6357.4	9241.9	12761.2	16396.0	20099.3	23220.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1703.8	1945.6	2282.0	2744.7	3534.8	4779.9	6396.6	8859.6	11597.5	14299.7	16769.6
-25°	1594.3	1772.3	2026.4	2379.7	2832.9	3556.6	4592.4	5791.8	7638.7	9281.5	11169.5
-27.5°	1501.8	1645.6	1817.6	2061.4	2389.4	2747.0	3360.6	4023.2	4946.2	5676.9	6978.3
-30°	1415.9	1526.7	1664.5	1822.3	2041.6	2299.9	2601.1	2992.9	3416.8	3855.2	4445.4
-32.5°	1343.5	1429.2	1530.5	1652.7	1782.4	1964.4	2135.1	2366.9	2565.0	2820.6	3099.8
-35°	1272.4	1345.2	1423.2	1512.1	1608.2	1721.6	1838.1	1974.8	2090.8	2238.1	2374.1
-37.5°	1208.4	1265.9	1332.0	1398.2	1472.7	1545.0	1628.3	1710.3	1781.6	1874.3	1948.7
-40°	1149.7	1194.5	1250.3	1305.5	1362.8	1413.1	1472.7	1526.2	1575.2	1628.0	1671.8
-42.5°	1096.0	1136.9	1177.7	1224.4	1270.8	1313.9	1354.8	1389.8	1421.7	1452.9	1477.2
-45°	1046.6	1083.0	1118.5	1154.8	1188.8	1226.8	1261.1	1287.4	1306.9	1323.8	1337.3
-47.5°	997.5	1031.4	1063.5	1094.2	1123.7	1153.3	1180.4	1198.4	1211.8	1221.7	1228.7
-50°	950.4	981.6	1011.3	1037.7	1063.8	1088.6	1111.5	1124.7	1134.0	1139.8	1141.6
-52.5°	905.3	934.1	961.5	986.2	1008.6	1029.4	1047.4	1057.0	1064.7	1070.2	1071.9
-55°	859.3	886.2	911.9	934.2	954.9	974.2	988.6	995.5	1000.7	1004.0	1006.0
-57.5°	808.0	834.9	860.6	880.0	899.1	917.9	930.8	937.9	942.6	945.3	947.4
-60°	749.1	774.4	795.5	815.1	835.1	855.1	863.4	869.9	876.0	881.8	886.9
-62.5°	682.6	705.0	722.3	738.5	754.8	770.2	779.2	786.2	791.1	795.5	800.6
-65°	609.6	629.3	644.3	656.6	666.6	677.4	687.2	694.5	699.4	703.9	708.4
-67.5°	531.9	551.3	565.9	577.5	587.0	595.3	603.0	608.6	612.4	616.2	620.2
-70°	455.6	473.8	489.3	502.6	513.2	521.1	527.2	532.2	536.0	538.6	540.0
-72.5°	382.0	397.1	411.3	424.5	436.2	444.4	450.1	454.8	458.3	460.9	462.2
-75°	311.9	325.2	337.1	348.2	358.3	365.4	370.3	374.0	376.4	379.1	381.2
-77.5°	242.6	253.2	263.0	272.1	280.6	287.3	292.7	297.0	300.4	302.5	303.9
-80°	178.1	186.8	194.9	202.1	208.5	213.1	217.2	221.0	224.5	226.1	226.9
-82.5°	122.6	128.2	133.7	139.2	144.7	146.7	148.0	149.0	149.7	151.8	153.6
-85°	71.4	74.4	77.3	79.9	82.3	82.9	83.1	83.0	82.6	83.7	84.6
-87.5°	25.7	26.5	27.2	27.9	28.5	29.0	29.5	29.9	30.3	30.7	30.9
-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: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	31.1	31.3	31.4	31.4	31.4	31.3	31.1	30.9	30.7	30.3	29.9
85°	85.4	85.9	86.2	86.3	86.2	85.9	85.4	84.6	83.7	82.6	83.0
82.5°	155.0	156.0	156.6	156.8	156.6	156.0	155.0	153.6	151.8	149.7	149.0
80°	227.0	226.4	227.1	227.4	227.1	226.4	227.0	226.9	226.1	224.5	221.0
77.5°	304.6	304.5	305.5	305.9	305.5	304.5	304.6	303.9	302.5	300.4	297.0
75°	382.3	382.6	383.8	384.3	383.8	382.6	382.3	381.2	379.1	376.4	374.0
72.5°	462.2	460.9	462.2	462.7	462.2	460.9	462.2	462.2	460.9	458.3	454.8
70°	540.2	539.1	544.1	549.0	544.1	539.1	540.2	540.0	538.6	536.0	532.2
67.5°	623.0	624.6	630.2	635.2	630.2	624.6	623.0	620.2	616.2	612.4	608.6
65°	710.7	711.0	716.3	721.5	716.3	711.0	710.7	708.4	703.9	699.4	694.5
62.5°	803.6	804.5	810.1	815.6	810.1	804.5	803.6	800.6	795.5	791.1	786.2
60°	890.0	890.9	893.0	894.0	893.0	890.9	890.0	886.9	881.8	876.0	869.9
57.5°	948.1	947.3	948.1	948.9	948.1	947.3	948.1	947.4	945.3	942.6	937.9
55°	1005.6	1003.0	1000.0	996.0	1000.0	1003.0	1005.6	1006.0	1004.0	1000.7	995.5
52.5°	1070.5	1066.4	1062.6	1058.7	1062.6	1066.4	1070.5	1071.9	1070.2	1064.7	1057.0
50°	1140.5	1136.8	1133.2	1129.3	1133.2	1136.8	1140.5	1141.6	1139.8	1134.0	1124.7
47.5°	1233.6	1235.2	1234.6	1231.3	1234.6	1235.2	1233.6	1228.7	1221.7	1211.8	1198.4
45°	1346.9	1351.4	1351.9	1348.9	1351.9	1351.4	1346.9	1337.3	1323.8	1306.9	1287.4
42.5°	1494.4	1504.3	1509.8	1513.6	1509.8	1504.3	1494.4	1477.2	1452.9	1421.7	1389.8
40°	1703.7	1723.9	1736.8	1748.9	1736.8	1723.9	1703.7	1671.8	1628.0	1575.2	1526.2
37.5°	2003.8	2040.6	2057.0	2046.9	2057.0	2040.6	2003.8	1948.7	1874.3	1781.6	1710.3
35°	2478.8	2548.7	2585.0	2588.0	2585.0	2548.7	2478.8	2374.1	2238.1	2090.8	1974.8
32.5°	3306.1	3449.2	3526.1	3537.0	3526.1	3449.2	3306.1	3099.8	2820.6	2565.0	2366.9
30°	4897.2	5189.1	5326.2	5293.7	5326.2	5189.1	4897.2	4445.4	3855.2	3416.8	2992.9
27.5°	7989.9	8717.8	9149.2	9183.6	9149.2	8717.8	7989.9	6978.3	5676.9	4946.2	4023.2
25°	12841.6	14084.3	14880.0	14892.9	14880.0	14084.3	12841.6	11169.5	9281.5	7638.7	5791.8
22.5°	19053.4	20749.7	21679.1	21841.3	21679.1	20749.7	19053.4	16769.6	14299.7	11597.5	8859.6
20°	26250.0	28506.5	29713.8	29715.2	29713.8	28506.5	26250.0	23220.2	20099.3	16396.0	12761.2
17.5°	35112.9	38776.9	41077.0	42067.1	41077.0	38776.9	35112.9	30703.8	26599.0	21873.4	17124.8
15°	46887.4	53044.6	56734.2	57399.2	56734.2	53044.6	46887.4	40487.0	33840.2	27707.4	21735.8
12.5°	61224.1	69016.4	74254.3	76174.1	74254.3	69016.4	61224.1	52235.7	41873.5	33730.6	26438.4
10°	76193.0	83412.9	89024.5	90910.1	89024.5	83412.9	76193.0	64791.8	52292.4	40055.7	30597.2
7.5°	87006.8	95616.2	101937.2	104712.9	101937.2	95616.2	87006.8	75680.8	61399.4	46828.4	35028.1
5°	95543.2	105730.4	111614.4	114225.9	111614.4	105730.4	95543.2	83436.2	68854.0	52536.9	38294.3
2.5°	101144.2	111210.0	117441.0	119848.9	117441.0	111210.0	101144.2	88363.4	73599.4	56035.6	40370.2
0°	103238.5	113080.9	119237.2	122178.1	119237.2	113080.9	103238.5	89592.6	74887.9	56865.9	41063.3
-2.5°	101144.2	111210.0	117441.0	119848.9	117441.0	111210.0	101144.2	88363.4	73599.4	56035.6	40370.2
-5°	95543.2	105730.4	111614.4	114225.9	111614.4	105730.4	95543.2	83436.2	68854.0	52536.9	38294.3
-7.5°	87006.8	95616.2	101937.2	104712.9	101937.2	95616.2	87006.8	75680.8	61399.4	46828.4	35028.1
-10°	76193.0	83412.9	89024.5	90910.1	89024.5	83412.9	76193.0	64791.8	52292.4	40055.7	30597.2
-12.5°	61224.1	69016.4	74254.3	76174.1	74254.3	69016.4	61224.1	52235.7	41873.5	33730.6	26438.4
-15°	46887.4	53044.6	56734.2	57399.2	56734.2	53044.6	46887.4	40487.0	33840.2	27707.4	21735.8
-17.5°	35112.9	38776.9	41077.0	42067.1	41077.0	38776.9	35112.9	30703.8	26599.0	21873.4	17124.8
-20°	26250.0	28506.5	29713.8	29715.2	29713.8	28506.5	26250.0	23220.2	20099.3	16396.0	12761.2



REPORT NUMBER: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	19053.4	20749.7	21679.1	21841.3	21679.1	20749.7	19053.4	16769.6	14299.7	11597.5	8859.6
-25°	12841.6	14084.3	14880.0	14892.9	14880.0	14084.3	12841.6	11169.5	9281.5	7638.7	5791.8
-27.5°	7989.9	8717.8	9149.2	9183.6	9149.2	8717.8	7989.9	6978.3	5676.9	4946.2	4023.2
-30°	4897.2	5189.1	5326.2	5293.7	5326.2	5189.1	4897.2	4445.4	3855.2	3416.8	2992.9
-32.5°	3306.1	3449.2	3526.1	3537.0	3526.1	3449.2	3306.1	3099.8	2820.6	2565.0	2366.9
-35°	2478.8	2548.7	2585.0	2588.0	2585.0	2548.7	2478.8	2374.1	2238.1	2090.8	1974.8
-37.5°	2003.8	2040.6	2057.0	2046.9	2057.0	2040.6	2003.8	1948.7	1874.3	1781.6	1710.3
-40°	1703.7	1723.9	1736.8	1748.9	1736.8	1723.9	1703.7	1671.8	1628.0	1575.2	1526.2
-42.5°	1494.4	1504.3	1509.8	1513.6	1509.8	1504.3	1494.4	1477.2	1452.9	1421.7	1389.8
-45°	1346.9	1351.4	1351.9	1348.9	1351.9	1351.4	1346.9	1337.3	1323.8	1306.9	1287.4
-47.5°	1233.6	1235.2	1234.6	1231.3	1234.6	1235.2	1233.6	1228.7	1221.7	1211.8	1198.4
-50°	1140.5	1136.8	1133.2	1129.3	1133.2	1136.8	1140.5	1141.6	1139.8	1134.0	1124.7
-52.5°	1070.5	1066.4	1062.6	1058.7	1062.6	1066.4	1070.5	1071.9	1070.2	1064.7	1057.0
-55°	1005.6	1003.0	1000.0	996.0	1000.0	1003.0	1005.6	1006.0	1004.0	1000.7	995.5
-57.5°	948.1	947.3	948.1	948.9	948.1	947.3	948.1	947.4	945.3	942.6	937.9
-60°	890.0	890.9	893.0	894.0	893.0	890.9	890.0	886.9	881.8	876.0	869.9
-62.5°	803.6	804.5	810.1	815.6	810.1	804.5	803.6	800.6	795.5	791.1	786.2
-65°	710.7	711.0	716.3	721.5	716.3	711.0	710.7	708.4	703.9	699.4	694.5
-67.5°	623.0	624.6	630.2	635.2	630.2	624.6	623.0	620.2	616.2	612.4	608.6
-70°	540.2	539.1	544.1	549.0	544.1	539.1	540.2	540.0	538.6	536.0	532.2
-72.5°	462.2	460.9	462.2	462.7	462.2	460.9	462.2	462.2	460.9	458.3	454.8
-75°	382.3	382.6	383.8	384.3	383.8	382.6	382.3	381.2	379.1	376.4	374.0
-77.5°	304.6	304.5	305.5	305.9	305.5	304.5	304.6	303.9	302.5	300.4	297.0
-80°	227.0	226.4	227.1	227.4	227.1	226.4	227.0	226.9	226.1	224.5	221.0
-82.5°	155.0	156.0	156.6	156.8	156.6	156.0	155.0	153.6	151.8	149.7	149.0
-85°	85.4	85.9	86.2	86.3	86.2	85.9	85.4	84.6	83.7	82.6	83.0
-87.5°	31.1	31.3	31.4	31.4	31.4	31.3	31.1	30.9	30.7	30.3	29.9
-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: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	29.5	29.0	28.5	27.9	27.2	26.5	25.7	24.9	24.1	23.1	22.2
85°	83.1	82.9	82.3	79.9	77.3	74.4	71.4	68.1	64.7	61.1	57.3
82.5°	148.0	146.7	144.7	139.2	133.7	128.2	122.6	117.8	112.6	107.2	101.5
80°	217.2	213.1	208.5	202.1	194.9	186.8	178.1	169.9	161.3	153.2	145.6
77.5°	292.7	287.3	280.6	272.1	263.0	253.2	242.6	231.8	221.0	209.6	197.7
75°	370.3	365.4	358.3	348.2	337.1	325.2	311.9	297.1	282.1	267.2	252.6
72.5°	450.1	444.4	436.2	424.5	411.3	397.1	382.0	365.0	346.4	326.1	307.7
70°	527.2	521.1	513.2	502.6	489.3	473.8	455.6	435.8	414.9	393.0	370.5
67.5°	603.0	595.3	587.0	577.5	565.9	551.3	531.9	509.0	484.8	460.1	434.1
65°	687.2	677.4	666.6	656.6	644.3	629.3	609.6	587.5	561.0	530.5	497.7
62.5°	779.2	770.2	754.8	738.5	722.3	705.0	682.6	658.5	634.2	606.1	566.9
60°	863.4	855.1	835.1	815.1	795.5	774.4	749.1	723.5	698.0	667.1	631.4
57.5°	930.8	917.9	899.1	880.0	860.6	834.9	808.0	782.6	754.6	724.9	691.6
55°	988.6	974.2	954.9	934.2	911.9	886.2	859.3	830.7	803.9	779.3	745.3
52.5°	1047.4	1029.4	1008.6	986.2	961.5	934.1	905.3	875.2	849.1	823.6	795.0
50°	1111.5	1088.6	1063.8	1037.7	1011.3	981.6	950.4	918.5	893.4	866.9	838.1
47.5°	1180.4	1153.3	1123.7	1094.2	1063.5	1031.4	997.5	963.3	935.6	908.4	878.6
45°	1261.1	1226.8	1188.8	1154.8	1118.5	1083.0	1046.6	1011.1	976.4	945.8	917.2
42.5°	1354.8	1313.9	1270.8	1224.4	1177.7	1136.9	1096.0	1057.7	1019.1	982.3	949.2
40°	1472.7	1413.1	1362.8	1305.5	1250.3	1194.5	1149.7	1103.7	1061.5	1019.8	981.7
37.5°	1628.3	1545.0	1472.7	1398.2	1332.0	1265.9	1208.4	1156.2	1103.7	1058.8	1016.1
35°	1838.1	1721.6	1608.2	1512.1	1423.2	1345.2	1272.4	1211.0	1153.2	1098.3	1050.5
32.5°	2135.1	1964.4	1782.4	1652.7	1530.5	1429.2	1343.5	1267.3	1201.2	1140.8	1086.0
30°	2601.1	2299.9	2041.6	1822.3	1664.5	1526.7	1415.9	1326.4	1248.8	1181.7	1120.7
27.5°	3360.6	2747.0	2389.4	2061.4	1817.6	1645.6	1501.8	1385.0	1295.0	1221.6	1155.0
25°	4592.4	3556.6	2832.9	2379.7	2026.4	1772.3	1594.3	1455.3	1345.0	1257.6	1179.4
22.5°	6396.6	4779.9	3534.8	2744.7	2282.0	1945.6	1703.8	1524.5	1389.8	1288.5	1203.4
20°	9241.9	6357.4	4557.1	3335.8	2582.2	2111.9	1819.8	1605.6	1444.6	1321.9	1224.7
17.5°	12649.7	8797.0	5714.7	3972.4	2971.4	2351.8	1955.2	1683.6	1493.0	1352.0	1242.7
15°	16084.0	11348.8	7493.3	4895.2	3396.0	2561.6	2071.6	1750.9	1540.4	1385.0	1265.2
12.5°	19876.5	14082.6	9071.5	5658.1	3833.4	2814.4	2220.0	1841.6	1592.1	1417.9	1287.0
10°	23152.5	16636.4	10968.5	6880.6	4408.8	3079.5	2356.2	1919.4	1635.3	1444.5	1304.0
7.5°	26102.2	18818.1	12559.4	7834.5	4855.0	3289.8	2465.3	1981.3	1667.7	1464.0	1316.0
5°	28195.5	20485.4	13839.1	8555.2	5174.3	3435.5	2541.3	2025.1	1689.1	1476.2	1322.9
2.5°	29501.5	21488.7	14673.8	8983.2	5330.5	3515.3	2589.0	2050.0	1707.2	1489.7	1326.8
0°	29621.1	21417.8	14790.9	9191.4	5230.9	3529.1	2611.5	2054.7	1717.5	1497.9	1325.4
-2.5°	29501.5	21488.7	14673.8	8983.2	5330.5	3515.3	2589.0	2050.0	1707.2	1489.7	1326.8
-5°	28195.5	20485.4	13839.1	8555.2	5174.3	3435.5	2541.3	2025.1	1689.1	1476.2	1322.9
-7.5°	26102.2	18818.1	12559.4	7834.5	4855.0	3289.8	2465.3	1981.3	1667.7	1464.0	1316.0
-10°	23152.5	16636.4	10968.5	6880.6	4408.8	3079.5	2356.2	1919.4	1635.3	1444.5	1304.0
-12.5°	19876.5	14082.6	9071.5	5658.1	3833.4	2814.4	2220.0	1841.6	1592.1	1417.9	1287.0
-15°	16084.0	11348.8	7493.3	4895.2	3396.0	2561.6	2071.6	1750.9	1540.4	1385.0	1265.2
-17.5°	12649.7	8797.0	5714.7	3972.4	2971.4	2351.8	1955.2	1683.6	1493.0	1352.0	1242.7
-20°	9241.9	6357.4	4557.1	3335.8	2582.2	2111.9	1819.8	1605.6	1444.6	1321.9	1224.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6396.6	4779.9	3534.8	2744.7	2282.0	1945.6	1703.8	1524.5	1389.8	1288.5	1203.4
-25°	4592.4	3556.6	2832.9	2379.7	2026.4	1772.3	1594.3	1455.3	1345.0	1257.6	1179.4
-27.5°	3360.6	2747.0	2389.4	2061.4	1817.6	1645.6	1501.8	1385.0	1295.0	1221.6	1155.0
-30°	2601.1	2299.9	2041.6	1822.3	1664.5	1526.7	1415.9	1326.4	1248.8	1181.7	1120.7
-32.5°	2135.1	1964.4	1782.4	1652.7	1530.5	1429.2	1343.5	1267.3	1201.2	1140.8	1086.0
-35°	1838.1	1721.6	1608.2	1512.1	1423.2	1345.2	1272.4	1211.0	1153.2	1098.3	1050.5
-37.5°	1628.3	1545.0	1472.7	1398.2	1332.0	1265.9	1208.4	1156.2	1103.7	1058.8	1016.1
-40°	1472.7	1413.1	1362.8	1305.5	1250.3	1194.5	1149.7	1103.7	1061.5	1019.8	981.7
-42.5°	1354.8	1313.9	1270.8	1224.4	1177.7	1136.9	1096.0	1057.7	1019.1	982.3	949.2
-45°	1261.1	1226.8	1188.8	1154.8	1118.5	1083.0	1046.6	1011.1	976.4	945.8	917.2
-47.5°	1180.4	1153.3	1123.7	1094.2	1063.5	1031.4	997.5	963.3	935.6	908.4	878.6
-50°	1111.5	1088.6	1063.8	1037.7	1011.3	981.6	950.4	918.5	893.4	866.9	838.1
-52.5°	1047.4	1029.4	1008.6	986.2	961.5	934.1	905.3	875.2	849.1	823.6	795.0
-55°	988.6	974.2	954.9	934.2	911.9	886.2	859.3	830.7	803.9	779.3	745.3
-57.5°	930.8	917.9	899.1	880.0	860.6	834.9	808.0	782.6	754.6	724.9	691.6
-60°	863.4	855.1	835.1	815.1	795.5	774.4	749.1	723.5	698.0	667.1	631.4
-62.5°	779.2	770.2	754.8	738.5	722.3	705.0	682.6	658.5	634.2	606.1	566.9
-65°	687.2	677.4	666.6	656.6	644.3	629.3	609.6	587.5	561.0	530.5	497.7
-67.5°	603.0	595.3	587.0	577.5	565.9	551.3	531.9	509.0	484.8	460.1	434.1
-70°	527.2	521.1	513.2	502.6	489.3	473.8	455.6	435.8	414.9	393.0	370.5
-72.5°	450.1	444.4	436.2	424.5	411.3	397.1	382.0	365.0	346.4	326.1	307.7
-75°	370.3	365.4	358.3	348.2	337.1	325.2	311.9	297.1	282.1	267.2	252.6
-77.5°	292.7	287.3	280.6	272.1	263.0	253.2	242.6	231.8	221.0	209.6	197.7
-80°	217.2	213.1	208.5	202.1	194.9	186.8	178.1	169.9	161.3	153.2	145.6
-82.5°	148.0	146.7	144.7	139.2	133.7	128.2	122.6	117.8	112.6	107.2	101.5
-85°	83.1	82.9	82.3	79.9	77.3	74.4	71.4	68.1	64.7	61.1	57.3
-87.5°	29.5	29.0	28.5	27.9	27.2	26.5	25.7	24.9	24.1	23.1	22.2
-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: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	21.2	20.2	19.1	18.0	16.9	15.7	14.5	13.3	12.0	10.7	9.4
85°	53.4	49.2	45.0	40.6	36.0	31.4	29.0	26.5	24.0	21.5	18.9
82.5°	95.6	89.4	83.0	76.4	69.6	62.5	55.4	48.0	40.2	32.8	28.3
80°	137.7	129.4	120.9	112.2	103.3	93.6	84.0	74.1	63.1	52.6	42.6
77.5°	185.3	172.4	159.0	148.0	137.8	126.7	114.4	100.7	85.8	72.2	59.3
75°	237.6	222.0	205.9	190.1	175.0	159.7	145.7	129.6	110.9	91.9	75.7
72.5°	291.4	273.5	254.0	234.1	216.2	197.7	178.7	158.3	136.8	115.0	93.0
70°	348.2	326.1	304.4	281.9	258.8	235.6	213.6	189.1	162.4	137.8	112.9
67.5°	407.2	380.9	354.9	329.4	303.2	276.3	248.7	220.1	190.4	160.3	132.6
65°	467.6	436.5	404.8	376.3	347.0	316.9	286.2	251.2	217.9	184.8	151.9
62.5°	529.1	493.1	458.0	423.4	390.2	357.0	322.5	283.4	245.2	208.9	172.4
60°	591.1	549.6	510.0	471.5	433.5	396.4	357.5	314.6	272.9	232.4	193.0
57.5°	650.5	604.8	559.7	517.6	476.3	435.3	391.7	345.4	299.6	255.8	213.2
55°	708.1	661.4	608.6	560.6	516.7	473.1	424.8	375.7	325.8	278.4	232.8
52.5°	759.0	712.5	657.7	602.8	553.6	507.9	456.3	405.2	352.2	300.1	251.7
50°	805.0	757.9	702.9	645.1	589.1	538.3	486.4	432.3	377.9	321.5	270.1
47.5°	844.8	799.7	745.4	684.9	625.0	567.7	513.7	458.1	402.5	343.4	287.8
45°	880.8	839.7	786.0	723.9	658.4	597.4	539.5	482.4	424.3	364.6	304.8
42.5°	914.4	874.6	825.4	762.1	692.3	626.0	564.1	504.8	444.8	384.7	321.8
40°	944.9	905.0	862.3	797.8	724.4	652.8	588.2	525.9	464.0	403.0	338.3
37.5°	974.9	933.8	889.4	831.0	754.5	680.1	610.8	545.9	482.5	419.4	353.7
35°	1005.8	961.7	913.3	857.3	783.2	705.3	631.5	564.7	499.9	434.8	368.1
32.5°	1035.5	986.7	935.2	879.4	810.0	728.2	651.7	583.0	516.2	449.2	381.4
30°	1064.6	1007.4	954.6	902.1	833.4	750.6	671.5	599.9	531.4	462.6	393.5
27.5°	1086.7	1025.4	971.7	919.8	853.0	771.4	690.8	615.6	545.3	474.9	404.2
25°	1106.6	1042.6	986.3	933.9	872.4	792.7	708.4	629.9	558.0	486.1	413.9
22.5°	1126.5	1057.6	998.6	945.8	890.7	812.0	725.1	644.2	569.5	496.2	422.7
20°	1143.7	1069.7	1008.7	956.9	902.9	827.1	740.7	656.9	579.7	505.1	430.4
17.5°	1158.4	1082.1	1019.3	965.8	911.3	839.8	754.4	668.0	588.5	512.9	437.2
15°	1173.4	1094.8	1028.3	972.8	918.6	850.2	766.0	677.5	596.0	519.5	443.4
12.5°	1186.2	1104.3	1035.4	977.8	924.7	858.3	775.6	685.2	602.2	525.6	449.3
10°	1196.3	1110.5	1040.3	980.9	929.5	864.2	783.1	692.4	609.5	531.2	454.1
7.5°	1203.3	1113.7	1043.2	982.2	932.9	869.5	790.5	700.3	616.0	535.5	457.9
5°	1208.0	1115.1	1045.0	985.2	934.9	874.4	795.8	706.5	621.2	538.6	460.5
2.5°	1213.6	1115.6	1045.1	987.4	935.0	877.4	798.9	711.0	625.0	540.5	462.2
0°	1215.6	1113.6	1043.1	988.2	933.3	878.4	799.9	713.7	627.4	541.1	462.7
-2.5°	1213.6	1115.6	1045.1	987.4	935.0	877.4	798.9	711.0	625.0	540.5	462.2
-5°	1208.0	1115.1	1045.0	985.2	934.9	874.4	795.8	706.5	621.2	538.6	460.5
-7.5°	1203.3	1113.7	1043.2	982.2	932.9	869.5	790.5	700.3	616.0	535.5	457.9
-10°	1196.3	1110.5	1040.3	980.9	929.5	864.2	783.1	692.4	609.5	531.2	454.1
-12.5°	1186.2	1104.3	1035.4	977.8	924.7	858.3	775.6	685.2	602.2	525.6	449.3
-15°	1173.4	1094.8	1028.3	972.8	918.6	850.2	766.0	677.5	596.0	519.5	443.4
-17.5°	1158.4	1082.1	1019.3	965.8	911.3	839.8	754.4	668.0	588.5	512.9	437.2
-20°	1143.7	1069.7	1008.7	956.9	902.9	827.1	740.7	656.9	579.7	505.1	430.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	1126.5	1057.6	998.6	945.8	890.7	812.0	725.1	644.2	569.5	496.2	422.7
-25°	1106.6	1042.6	986.3	933.9	872.4	792.7	708.4	629.9	558.0	486.1	413.9
-27.5°	1086.7	1025.4	971.7	919.8	853.0	771.4	690.8	615.6	545.3	474.9	404.2
-30°	1064.6	1007.4	954.6	902.1	833.4	750.6	671.5	599.9	531.4	462.6	393.5
-32.5°	1035.5	986.7	935.2	879.4	810.0	728.2	651.7	583.0	516.2	449.2	381.4
-35°	1005.8	961.7	913.3	857.3	783.2	705.3	631.5	564.7	499.9	434.8	368.1
-37.5°	974.9	933.8	889.4	831.0	754.5	680.1	610.8	545.9	482.5	419.4	353.7
-40°	944.9	905.0	862.3	797.8	724.4	652.8	588.2	525.9	464.0	403.0	338.3
-42.5°	914.4	874.6	825.4	762.1	692.3	626.0	564.1	504.8	444.8	384.7	321.8
-45°	880.8	839.7	786.0	723.9	658.4	597.4	539.5	482.4	424.3	364.6	304.8
-47.5°	844.8	799.7	745.4	684.9	625.0	567.7	513.7	458.1	402.5	343.4	287.8
-50°	805.0	757.9	702.9	645.1	589.1	538.3	486.4	432.3	377.9	321.5	270.1
-52.5°	759.0	712.5	657.7	602.8	553.6	507.9	456.3	405.2	352.2	300.1	251.7
-55°	708.1	661.4	608.6	560.6	516.7	473.1	424.8	375.7	325.8	278.4	232.8
-57.5°	650.5	604.8	559.7	517.6	476.3	435.3	391.7	345.4	299.6	255.8	213.2
-60°	591.1	549.6	510.0	471.5	433.5	396.4	357.5	314.6	272.9	232.4	193.0
-62.5°	529.1	493.1	458.0	423.4	390.2	357.0	322.5	283.4	245.2	208.9	172.4
-65°	467.6	436.5	404.8	376.3	347.0	316.9	286.2	251.2	217.9	184.8	151.9
-67.5°	407.2	380.9	354.9	329.4	303.2	276.3	248.7	220.1	190.4	160.3	132.6
-70°	348.2	326.1	304.4	281.9	258.8	235.6	213.6	189.1	162.4	137.8	112.9
-72.5°	291.4	273.5	254.0	234.1	216.2	197.7	178.7	158.3	136.8	115.0	93.0
-75°	237.6	222.0	205.9	190.1	175.0	159.7	145.7	129.6	110.9	91.9	75.7
-77.5°	185.3	172.4	159.0	148.0	137.8	126.7	114.4	100.7	85.8	72.2	59.3
-80°	137.7	129.4	120.9	112.2	103.3	93.6	84.0	74.1	63.1	52.6	42.6
-82.5°	95.6	89.4	83.0	76.4	69.6	62.5	55.4	48.0	40.2	32.8	28.3
-85°	53.4	49.2	45.0	40.6	36.0	31.4	29.0	26.5	24.0	21.5	18.9
-87.5°	21.2	20.2	19.1	18.0	16.9	15.7	14.5	13.3	12.0	10.7	9.4
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	8.1	6.8	5.5	4.1	2.7	1.4	0.0
85°	16.2	13.6	10.9	8.2	5.5	2.7	0.0
82.5°	24.3	20.3	16.3	12.3	8.2	4.1	0.0
80°	33.1	27.1	21.7	16.3	10.9	5.5	0.0
77.5°	47.0	35.5	27.1	20.3	13.6	6.8	0.0
75°	60.8	47.0	33.1	24.3	16.2	8.1	0.0
72.5°	74.5	58.4	42.2	28.3	18.9	9.4	0.0
70°	88.5	69.7	51.3	32.7	21.5	10.7	0.0
67.5°	105.6	80.8	60.2	39.4	24.0	12.0	0.0
65°	122.4	93.3	68.9	45.9	26.5	13.3	0.0
62.5°	138.9	107.0	77.5	52.4	29.0	14.5	0.0
60°	155.0	120.5	85.9	58.7	31.4	15.7	0.0
57.5°	171.9	133.6	96.3	64.8	35.4	16.9	0.0
55°	188.5	146.4	106.5	70.8	39.4	18.0	0.0
52.5°	204.5	158.9	116.4	76.6	43.3	19.1	0.0
50°	219.8	171.6	126.0	82.2	47.0	20.2	0.0
47.5°	234.5	183.7	135.3	88.0	50.6	21.2	0.0
45°	249.0	195.2	144.2	94.6	54.1	22.2	0.0
42.5°	263.0	206.2	152.7	101.0	57.4	23.1	0.0
40°	276.2	216.5	160.9	107.1	60.6	24.1	0.0
37.5°	288.8	226.2	168.8	112.7	63.6	24.9	0.0
35°	300.7	235.8	176.1	117.9	66.4	25.7	0.0
32.5°	311.9	245.1	182.9	122.7	69.1	26.5	0.0
30°	322.5	253.7	189.3	127.2	71.6	27.2	0.0
27.5°	332.2	261.6	195.0	131.2	73.9	27.9	0.0
25°	341.0	268.9	200.3	134.9	76.0	28.5	0.0
22.5°	348.8	275.4	205.2	138.1	77.9	29.0	0.0
20°	355.6	281.2	209.6	140.9	79.7	29.5	0.0
17.5°	361.9	286.0	213.6	143.3	81.2	29.9	0.0
15°	367.6	290.1	217.2	145.3	82.5	30.3	0.0
12.5°	372.5	293.3	220.2	146.9	83.7	30.7	0.0
10°	376.6	295.8	222.8	148.1	84.6	30.9	0.0
7.5°	379.9	297.4	224.8	148.9	85.4	31.1	0.0
5°	382.3	298.4	226.2	149.3	85.9	31.3	0.0
2.5°	383.8	298.5	227.1	149.3	86.2	31.4	0.0
0°	384.3	298.0	227.4	149.0	86.3	31.4	0.0
-2.5°	383.8	298.5	227.1	149.3	86.2	31.4	0.0
-5°	382.3	298.4	226.2	149.3	85.9	31.3	0.0
-7.5°	379.9	297.4	224.8	148.9	85.4	31.1	0.0
-10°	376.6	295.8	222.8	148.1	84.6	30.9	0.0
-12.5°	372.5	293.3	220.2	146.9	83.7	30.7	0.0
-15°	367.6	290.1	217.2	145.3	82.5	30.3	0.0
-17.5°	361.9	286.0	213.6	143.3	81.2	29.9	0.0
-20°	355.6	281.2	209.6	140.9	79.7	29.5	0.0

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627965 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	348.8	275.4	205.2	138.1	77.9	29.0	0.0
-25°	341.0	268.9	200.3	134.9	76.0	28.5	0.0
-27.5°	332.2	261.6	195.0	131.2	73.9	27.9	0.0
-30°	322.5	253.7	189.3	127.2	71.6	27.2	0.0
-32.5°	311.9	245.1	182.9	122.7	69.1	26.5	0.0
-35°	300.7	235.8	176.1	117.9	66.4	25.7	0.0
-37.5°	288.8	226.2	168.8	112.7	63.6	24.9	0.0
-40°	276.2	216.5	160.9	107.1	60.6	24.1	0.0
-42.5°	263.0	206.2	152.7	101.0	57.4	23.1	0.0
-45°	249.0	195.2	144.2	94.6	54.1	22.2	0.0
-47.5°	234.5	183.7	135.3	88.0	50.6	21.2	0.0
-50°	219.8	171.6	126.0	82.2	47.0	20.2	0.0
-52.5°	204.5	158.9	116.4	76.6	43.3	19.1	0.0
-55°	188.5	146.4	106.5	70.8	39.4	18.0	0.0
-57.5°	171.9	133.6	96.3	64.8	35.4	16.9	0.0
-60°	155.0	120.5	85.9	58.7	31.4	15.7	0.0
-62.5°	138.9	107.0	77.5	52.4	29.0	14.5	0.0
-65°	122.4	93.3	68.9	45.9	26.5	13.3	0.0
-67.5°	105.6	80.8	60.2	39.4	24.0	12.0	0.0
-70°	88.5	69.7	51.3	32.7	21.5	10.7	0.0
-72.5°	74.5	58.4	42.2	28.3	18.9	9.4	0.0
-75°	60.8	47.0	33.1	24.3	16.2	8.1	0.0
-77.5°	47.0	35.5	27.1	20.3	13.6	6.8	0.0
-80°	33.1	27.1	21.7	16.3	10.9	5.5	0.0
-82.5°	24.3	20.3	16.3	12.3	8.2	4.1	0.0
-85°	16.2	13.6	10.9	8.2	5.5	2.7	0.0
-87.5°	8.1	6.8	5.5	4.1	2.7	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)