

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: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627885 (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-SA6C-740-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N147
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

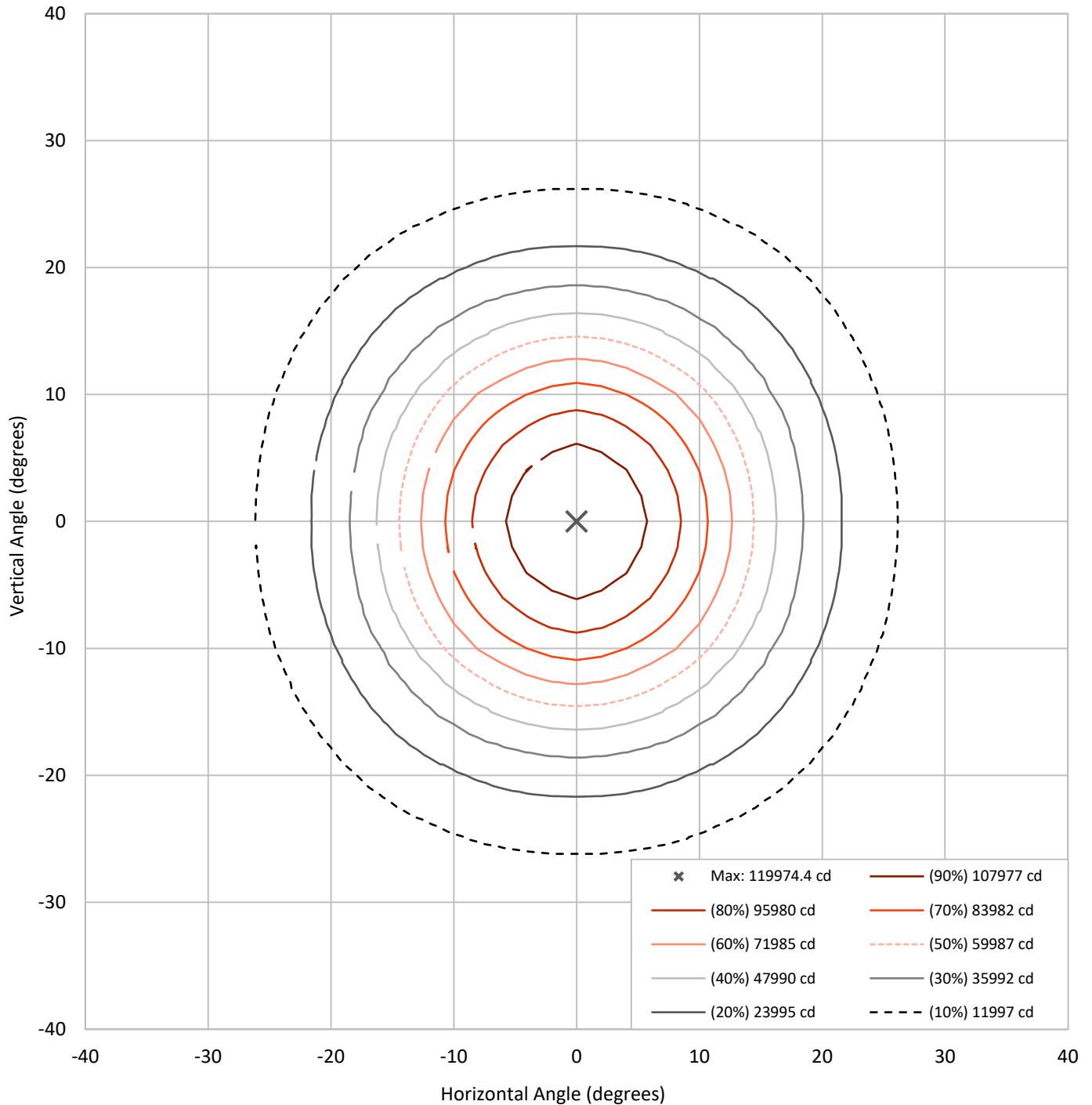
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	37484.1 lumens	Max Intensity:	119974.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.5 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:	18224.3 lumens	Field Lumens:	30755.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





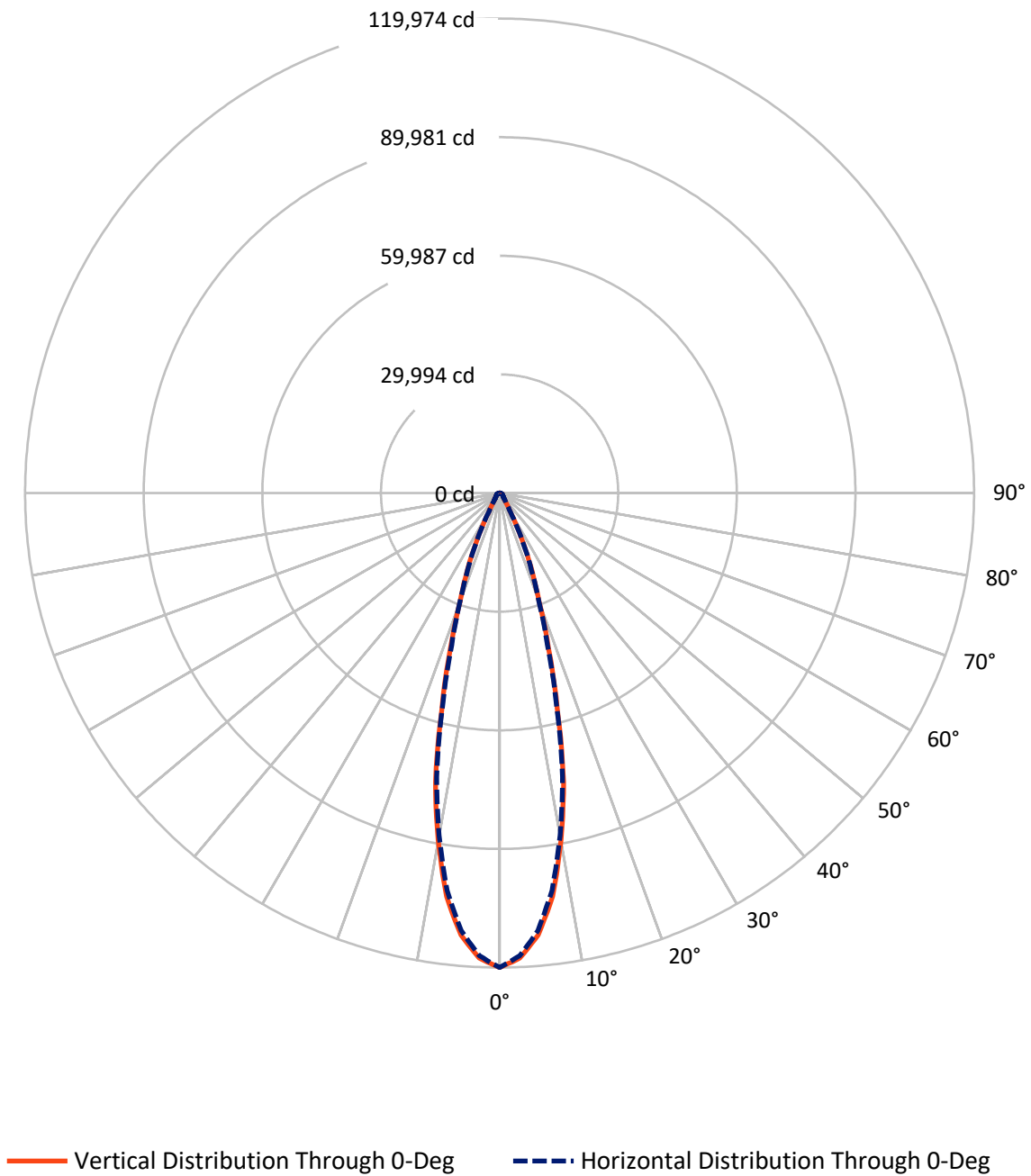
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Lumen Table

90	0.7	6.2	16.3	25.7	28.6	25.7	16.3	6.2	0.7							
80	0.7	6.2	16.3	25.7	28.6	25.7	16.3	6.2	0.7							
70	2.8	3.2	6.5	10.6	14.8	18.1	20.3	21.3	21.3	20.3	18.1	14.8	10.6	6.5	3.2	2.8
60		4.8	9.7	15.6	21.0	25.8	28.9	30.0	30.0	28.9	25.8	21.0	15.6	9.7	4.8	
50	4.9	6.2	12.4	19.3	25.7	32.5	38.2	41.0	41.0	38.2	32.5	25.7	19.3	12.4	6.2	4.9
40		7.2	14.6	22.3	31.5	44.9	65.0	84.4	84.4	65.0	44.9	31.5	22.3	14.6	7.2	
30	6.3	8.1	15.9	25.1	40.3	87.6	246.7	437.6	437.6	246.7	87.6	40.3	25.1	15.9	8.1	6.3
20		8.7	16.7	27.3	54.9	230.1	820.0	1571.2	1571.2	820.0	230.1	54.9	27.3	16.7	8.7	
10	6.8	9.0	17.0	28.7	69.7	397.1	1517.7	2985.3	2985.3	1517.7	397.1	69.7	28.7	17.0	9.0	6.8
0		9.0	17.0	28.7	69.7	397.1	1517.7	2985.3	2985.3	1517.7	397.1	69.7	28.7	17.0	9.0	
-10	6.3	8.7	16.7	27.3	54.9	230.1	820.0	1571.2	1571.2	820.0	230.1	54.9	27.3	16.7	8.7	6.3
-20		8.1	15.9	25.1	40.3	87.6	246.7	437.6	437.6	246.7	87.6	40.3	25.1	15.9	8.1	
-30	4.9	7.2	14.6	22.3	31.5	44.9	65.0	84.4	84.4	65.0	44.9	31.5	22.3	14.6	7.2	4.9
-40		6.2	12.4	19.3	25.7	32.5	38.2	41.0	41.0	38.2	32.5	25.7	19.3	12.4	6.2	
-50	2.8	4.8	9.7	15.6	21.0	25.8	28.9	30.0	30.0	28.9	25.8	21.0	15.6	9.7	4.8	2.8
-60		3.2	6.5	10.6	14.8	18.1	20.3	21.3	21.3	20.3	18.1	14.8	10.6	6.5	3.2	
-70	0.7	6.2	16.3	25.7	28.6	25.7	16.3	6.2	0.7							
-80		0.7	6.2	16.3	25.7	28.6	25.7	16.3	6.2	0.7						
-90	0.7	6.2	16.3	25.7	28.6	25.7	16.3	6.2	0.7							

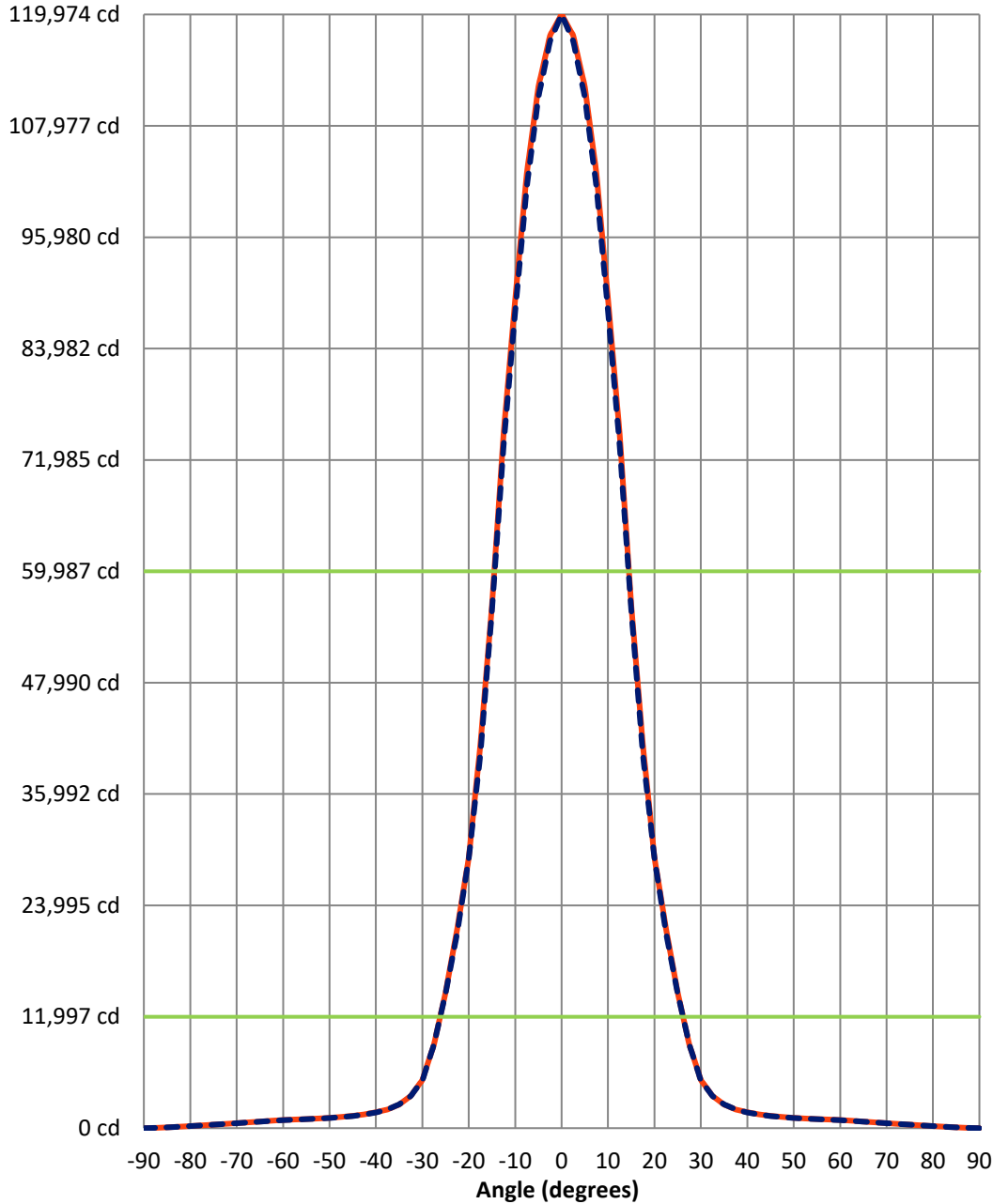
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 18224.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 30755.1
 Efficiency: 82.0%

Spill:
 Lumens: 6729
 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	1.3	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
85°	0.0	2.7	5.4	8.0	10.7	13.3	15.9	18.5	21.0	23.5	26.0
82.5°	0.0	4.0	8.0	12.0	16.0	19.9	23.9	27.7	32.2	39.4	47.1
80°	0.0	5.3	10.7	16.0	21.3	26.5	32.4	41.8	51.6	62.0	72.7
77.5°	0.0	6.7	13.3	19.9	26.5	34.8	46.1	58.2	70.9	84.2	98.9
75°	0.0	8.0	15.9	23.9	32.4	46.1	59.7	74.3	90.2	108.9	127.3
72.5°	0.0	9.3	18.5	27.7	41.4	57.4	73.1	91.2	112.9	134.3	155.4
70°	0.0	10.5	21.0	32.1	50.3	68.4	86.9	110.9	135.3	159.5	185.6
67.5°	0.0	11.8	23.5	38.6	59.0	79.3	103.7	130.2	157.4	186.9	216.1
65°	0.0	13.0	26.0	45.1	67.6	91.6	120.2	149.2	181.5	214.0	246.7
62.5°	0.0	14.2	28.4	51.4	76.1	105.1	136.4	169.3	205.1	240.7	278.2
60°	0.0	15.4	30.8	57.6	84.3	118.3	152.2	189.5	228.2	267.9	308.8
57.5°	0.0	16.5	34.8	63.6	94.5	131.2	168.9	209.3	251.1	294.2	339.2
55°	0.0	17.7	38.7	69.5	104.6	143.8	185.1	228.5	273.3	319.9	368.9
52.5°	0.0	18.7	42.5	75.2	114.3	156.1	200.8	247.1	294.7	345.9	397.9
50°	0.0	19.8	46.1	80.7	123.7	168.5	215.8	265.2	315.7	371.0	424.6
47.5°	0.0	20.8	49.7	86.3	132.9	180.4	230.2	282.5	337.2	395.3	449.8
45°	0.0	21.8	53.1	92.9	141.6	191.7	244.5	299.2	358.0	416.7	473.7
42.5°	0.0	22.7	56.3	99.2	150.0	202.5	258.2	315.9	377.7	436.8	495.7
40°	0.0	23.6	59.4	105.1	158.1	212.6	271.2	332.1	395.8	455.7	516.5
37.5°	0.0	24.4	62.4	110.6	165.7	222.2	283.5	347.3	411.9	473.9	536.1
35°	0.0	25.2	65.2	115.8	172.9	231.6	295.2	361.5	427.0	491.0	554.6
32.5°	0.0	26.0	67.8	120.5	179.7	240.6	306.2	374.6	441.1	507.0	572.5
30°	0.0	26.7	70.2	124.9	185.9	249.1	316.6	386.4	454.2	521.8	589.2
27.5°	0.0	27.3	72.5	128.9	191.5	256.9	326.2	396.9	466.3	535.5	604.5
25°	0.0	27.9	74.6	132.4	196.7	264.0	334.8	406.5	477.3	548.0	618.6
22.5°	0.0	28.5	76.5	135.6	201.5	270.4	342.5	415.1	487.3	559.3	632.6
20°	0.0	28.9	78.2	138.3	205.8	276.0	349.2	422.7	496.0	569.3	645.1
17.5°	0.0	29.4	79.7	140.7	209.8	280.8	355.4	429.3	503.7	577.9	656.0
15°	0.0	29.7	81.0	142.7	213.3	284.8	361.0	435.5	510.2	585.3	665.3
12.5°	0.0	30.1	82.1	144.2	216.2	288.0	365.8	441.2	516.2	591.3	672.9
10°	0.0	30.3	83.1	145.4	218.7	290.4	369.9	446.0	521.7	598.5	679.9
7.5°	0.0	30.5	83.8	146.2	220.7	292.0	373.1	449.6	525.9	604.8	687.7
5°	0.0	30.7	84.3	146.6	222.1	292.9	375.5	452.3	529.0	610.0	693.8
2.5°	0.0	30.8	84.6	146.6	223.0	293.1	376.9	453.9	530.8	613.8	698.1
0°	0.0	30.8	84.7	146.3	223.3	292.6	377.4	454.4	531.4	616.1	700.8
-2.5°	0.0	30.8	84.6	146.6	223.0	293.1	376.9	453.9	530.8	613.8	698.1
-5°	0.0	30.7	84.3	146.6	222.1	292.9	375.5	452.3	529.0	610.0	693.8
-7.5°	0.0	30.5	83.8	146.2	220.7	292.0	373.1	449.6	525.9	604.8	687.7
-10°	0.0	30.3	83.1	145.4	218.7	290.4	369.9	446.0	521.7	598.5	679.9
-12.5°	0.0	30.1	82.1	144.2	216.2	288.0	365.8	441.2	516.2	591.3	672.9
-15°	0.0	29.7	81.0	142.7	213.3	284.8	361.0	435.5	510.2	585.3	665.3
-17.5°	0.0	29.4	79.7	140.7	209.8	280.8	355.4	429.3	503.7	577.9	656.0
-20°	0.0	28.9	78.2	138.3	205.8	276.0	349.2	422.7	496.0	569.3	645.1

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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	28.5	76.5	135.6	201.5	270.4	342.5	415.1	487.3	559.3	632.6
-25°	0.0	27.9	74.6	132.4	196.7	264.0	334.8	406.5	477.3	548.0	618.6
-27.5°	0.0	27.3	72.5	128.9	191.5	256.9	326.2	396.9	466.3	535.5	604.5
-30°	0.0	26.7	70.2	124.9	185.9	249.1	316.6	386.4	454.2	521.8	589.2
-32.5°	0.0	26.0	67.8	120.5	179.7	240.6	306.2	374.6	441.1	507.0	572.5
-35°	0.0	25.2	65.2	115.8	172.9	231.6	295.2	361.5	427.0	491.0	554.6
-37.5°	0.0	24.4	62.4	110.6	165.7	222.2	283.5	347.3	411.9	473.9	536.1
-40°	0.0	23.6	59.4	105.1	158.1	212.6	271.2	332.1	395.8	455.7	516.5
-42.5°	0.0	22.7	56.3	99.2	150.0	202.5	258.2	315.9	377.7	436.8	495.7
-45°	0.0	21.8	53.1	92.9	141.6	191.7	244.5	299.2	358.0	416.7	473.7
-47.5°	0.0	20.8	49.7	86.3	132.9	180.4	230.2	282.5	337.2	395.3	449.8
-50°	0.0	19.8	46.1	80.7	123.7	168.5	215.8	265.2	315.7	371.0	424.6
-52.5°	0.0	18.7	42.5	75.2	114.3	156.1	200.8	247.1	294.7	345.9	397.9
-55°	0.0	17.7	38.7	69.5	104.6	143.8	185.1	228.5	273.3	319.9	368.9
-57.5°	0.0	16.5	34.8	63.6	94.5	131.2	168.9	209.3	251.1	294.2	339.2
-60°	0.0	15.4	30.8	57.6	84.3	118.3	152.2	189.5	228.2	267.9	308.8
-62.5°	0.0	14.2	28.4	51.4	76.1	105.1	136.4	169.3	205.1	240.7	278.2
-65°	0.0	13.0	26.0	45.1	67.6	91.6	120.2	149.2	181.5	214.0	246.7
-67.5°	0.0	11.8	23.5	38.6	59.0	79.3	103.7	130.2	157.4	186.9	216.1
-70°	0.0	10.5	21.0	32.1	50.3	68.4	86.9	110.9	135.3	159.5	185.6
-72.5°	0.0	9.3	18.5	27.7	41.4	57.4	73.1	91.2	112.9	134.3	155.4
-75°	0.0	8.0	15.9	23.9	32.4	46.1	59.7	74.3	90.2	108.9	127.3
-77.5°	0.0	6.7	13.3	19.9	26.5	34.8	46.1	58.2	70.9	84.2	98.9
-80°	0.0	5.3	10.7	16.0	21.3	26.5	32.4	41.8	51.6	62.0	72.7
-82.5°	0.0	4.0	8.0	12.0	16.0	19.9	23.9	27.7	32.2	39.4	47.1
-85°	0.0	2.7	5.4	8.0	10.7	13.3	15.9	18.5	21.0	23.5	26.0
-87.5°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
-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°	14.2	15.4	16.5	17.7	18.7	19.8	20.8	21.8	22.7	23.6	24.4
85°	28.4	30.8	35.3	39.8	44.1	48.3	52.4	56.3	60.0	63.5	66.9
82.5°	54.3	61.4	68.3	75.0	81.5	87.8	93.9	99.7	105.3	110.6	115.7
80°	82.5	91.9	101.4	110.1	118.7	127.1	135.2	143.0	150.4	158.4	166.9
77.5°	112.4	124.4	135.4	145.3	156.2	169.3	182.0	194.1	205.8	217.0	227.5
75°	143.1	156.8	171.8	186.7	202.2	218.0	233.2	248.0	262.3	277.0	291.7
72.5°	175.4	194.1	212.2	229.9	249.4	268.5	286.1	302.1	320.2	340.2	358.5
70°	209.7	231.3	254.1	276.8	298.9	320.2	342.0	363.9	386.0	407.5	428.0
67.5°	244.2	271.3	297.7	323.4	348.5	374.1	399.9	426.4	451.8	476.1	499.8
65°	281.0	311.2	340.7	369.5	397.5	428.7	459.3	488.8	521.0	550.9	576.9
62.5°	316.7	350.6	383.2	415.8	449.8	484.2	519.6	556.7	595.2	622.8	646.7
60°	351.1	389.3	425.7	463.0	500.9	539.8	580.5	620.0	655.1	685.4	710.5
57.5°	384.7	427.4	467.8	508.3	549.7	593.9	638.7	679.1	711.8	741.0	768.5
55°	417.2	464.6	507.5	550.6	597.6	649.5	695.4	731.9	765.3	789.4	815.7
52.5°	448.1	498.8	543.7	592.0	645.8	699.6	745.3	780.7	808.8	833.8	859.5
50°	477.7	528.7	578.5	633.5	690.3	744.3	790.5	823.1	851.3	877.3	902.0
47.5°	504.5	557.5	613.8	672.5	731.9	785.3	829.6	862.8	892.0	918.7	945.9
45°	529.8	586.7	646.5	710.9	771.8	824.6	864.9	900.6	928.7	958.8	992.8
42.5°	553.9	614.8	679.8	748.3	810.5	858.8	897.9	932.1	964.5	1000.7	1038.6
40°	577.7	641.1	711.4	783.4	846.7	888.6	927.8	964.0	1001.4	1042.3	1083.8
37.5°	599.8	667.9	740.9	816.1	873.4	916.9	957.3	997.7	1039.7	1083.8	1135.3
35°	620.2	692.6	769.1	841.8	896.8	944.3	987.6	1031.5	1078.5	1132.4	1189.2
32.5°	640.0	715.1	795.4	863.6	918.3	968.9	1016.7	1066.3	1120.2	1179.5	1244.5
30°	659.5	737.1	818.4	885.8	937.3	989.2	1045.3	1100.5	1160.4	1226.3	1302.5
27.5°	678.4	757.5	837.6	903.2	954.1	1006.8	1067.0	1134.1	1199.6	1271.7	1360.1
25°	695.7	778.4	856.7	917.0	968.5	1023.8	1086.6	1158.1	1235.0	1320.8	1429.0
22.5°	712.1	797.4	874.6	928.7	980.5	1038.5	1106.2	1181.7	1265.3	1364.7	1497.0
20°	727.4	812.1	886.6	939.6	990.4	1050.4	1123.1	1202.6	1298.1	1418.6	1576.7
17.5°	740.8	824.6	894.9	948.4	1000.9	1062.5	1137.6	1220.3	1327.6	1466.1	1653.2
15°	752.2	834.9	902.0	955.2	1009.7	1075.1	1152.3	1242.4	1360.0	1512.6	1719.2
12.5°	761.7	842.8	908.0	960.1	1016.6	1084.4	1164.9	1263.8	1392.3	1563.3	1808.4
10°	769.0	848.6	912.7	963.2	1021.5	1090.5	1174.7	1280.5	1418.4	1605.7	1884.7
7.5°	776.3	853.8	916.1	964.5	1024.3	1093.5	1181.6	1292.3	1437.6	1637.6	1945.5
5°	781.5	858.6	918.0	967.3	1026.1	1094.9	1186.3	1299.1	1449.6	1658.6	1988.5
2.5°	784.5	861.5	918.1	969.5	1026.2	1095.5	1191.8	1302.9	1462.9	1676.3	2013.0
0°	785.5	862.5	916.4	970.3	1024.2	1093.5	1193.7	1301.5	1470.9	1686.5	2017.7
-2.5°	784.5	861.5	918.1	969.5	1026.2	1095.5	1191.8	1302.9	1462.9	1676.3	2013.0
-5°	781.5	858.6	918.0	967.3	1026.1	1094.9	1186.3	1299.1	1449.6	1658.6	1988.5
-7.5°	776.3	853.8	916.1	964.5	1024.3	1093.5	1181.6	1292.3	1437.6	1637.6	1945.5
-10°	769.0	848.6	912.7	963.2	1021.5	1090.5	1174.7	1280.5	1418.4	1605.7	1884.7
-12.5°	761.7	842.8	908.0	960.1	1016.6	1084.4	1164.9	1263.8	1392.3	1563.3	1808.4
-15°	752.2	834.9	902.0	955.2	1009.7	1075.1	1152.3	1242.4	1360.0	1512.6	1719.2
-17.5°	740.8	824.6	894.9	948.4	1000.9	1062.5	1137.6	1220.3	1327.6	1466.1	1653.2
-20°	727.4	812.1	886.6	939.6	990.4	1050.4	1123.1	1202.6	1298.1	1418.6	1576.7

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	712.1	797.4	874.6	928.7	980.5	1038.5	1106.2	1181.7	1265.3	1364.7	1497.0
-25°	695.7	778.4	856.7	917.0	968.5	1023.8	1086.6	1158.1	1235.0	1320.8	1429.0
-27.5°	678.4	757.5	837.6	903.2	954.1	1006.8	1067.0	1134.1	1199.6	1271.7	1360.1
-30°	659.5	737.1	818.4	885.8	937.3	989.2	1045.3	1100.5	1160.4	1226.3	1302.5
-32.5°	640.0	715.1	795.4	863.6	918.3	968.9	1016.7	1066.3	1120.2	1179.5	1244.5
-35°	620.2	692.6	769.1	841.8	896.8	944.3	987.6	1031.5	1078.5	1132.4	1189.2
-37.5°	599.8	667.9	740.9	816.1	873.4	916.9	957.3	997.7	1039.7	1083.8	1135.3
-40°	577.7	641.1	711.4	783.4	846.7	888.6	927.8	964.0	1001.4	1042.3	1083.8
-42.5°	553.9	614.8	679.8	748.3	810.5	858.8	897.9	932.1	964.5	1000.7	1038.6
-45°	529.8	586.7	646.5	710.9	771.8	824.6	864.9	900.6	928.7	958.8	992.8
-47.5°	504.5	557.5	613.8	672.5	731.9	785.3	829.6	862.8	892.0	918.7	945.9
-50°	477.7	528.7	578.5	633.5	690.3	744.3	790.5	823.1	851.3	877.3	902.0
-52.5°	448.1	498.8	543.7	592.0	645.8	699.6	745.3	780.7	808.8	833.8	859.5
-55°	417.2	464.6	507.5	550.6	597.6	649.5	695.4	731.9	765.3	789.4	815.7
-57.5°	384.7	427.4	467.8	508.3	549.7	593.9	638.7	679.1	711.8	741.0	768.5
-60°	351.1	389.3	425.7	463.0	500.9	539.8	580.5	620.0	655.1	685.4	710.5
-62.5°	316.7	350.6	383.2	415.8	449.8	484.2	519.6	556.7	595.2	622.8	646.7
-65°	281.0	311.2	340.7	369.5	397.5	428.7	459.3	488.8	521.0	550.9	576.9
-67.5°	244.2	271.3	297.7	323.4	348.5	374.1	399.9	426.4	451.8	476.1	499.8
-70°	209.7	231.3	254.1	276.8	298.9	320.2	342.0	363.9	386.0	407.5	428.0
-72.5°	175.4	194.1	212.2	229.9	249.4	268.5	286.1	302.1	320.2	340.2	358.5
-75°	143.1	156.8	171.8	186.7	202.2	218.0	233.2	248.0	262.3	277.0	291.7
-77.5°	112.4	124.4	135.4	145.3	156.2	169.3	182.0	194.1	205.8	217.0	227.5
-80°	82.5	91.9	101.4	110.1	118.7	127.1	135.2	143.0	150.4	158.4	166.9
-82.5°	54.3	61.4	68.3	75.0	81.5	87.8	93.9	99.7	105.3	110.6	115.7
-85°	28.4	30.8	35.3	39.8	44.1	48.3	52.4	56.3	60.0	63.5	66.9
-87.5°	14.2	15.4	16.5	17.7	18.7	19.8	20.8	21.8	22.7	23.6	24.4
-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: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	25.2	26.0	26.7	27.3	27.9	28.5	28.9	29.4	29.7	30.1	30.3
85°	70.1	73.1	75.9	78.5	80.8	81.4	81.6	81.5	81.1	82.1	83.1
82.5°	120.4	125.9	131.3	136.7	142.0	144.0	145.4	146.4	147.0	149.0	150.8
80°	174.9	183.4	191.3	198.4	204.7	209.2	213.2	217.0	220.4	222.0	222.8
77.5°	238.2	248.5	258.2	267.2	275.5	282.1	287.4	291.6	294.9	297.0	298.4
75°	306.3	319.4	331.1	341.9	351.9	358.9	363.7	367.3	369.7	372.3	374.3
72.5°	375.1	390.0	403.9	416.9	428.4	436.4	442.1	446.6	450.0	452.6	453.9
70°	447.4	465.3	480.5	493.6	503.9	511.7	517.7	522.6	526.4	528.9	530.3
67.5°	522.3	541.4	555.7	567.1	576.4	584.6	592.1	597.7	601.4	605.1	609.0
65°	598.6	618.0	632.7	644.8	654.6	665.1	674.8	682.0	686.8	691.2	695.6
62.5°	670.3	692.3	709.3	725.2	741.2	756.4	765.2	772.0	776.8	781.1	786.1
60°	735.6	760.4	781.2	800.4	820.1	839.7	847.9	854.2	860.2	865.8	870.9
57.5°	793.4	819.9	845.1	864.1	882.9	901.3	914.0	921.0	925.6	928.2	930.4
55°	843.8	870.2	895.4	917.3	937.7	956.6	970.7	977.5	982.6	985.8	987.8
52.5°	888.9	917.2	944.2	968.4	990.4	1010.8	1028.4	1037.8	1045.4	1050.8	1052.6
50°	933.2	963.9	993.0	1018.9	1044.5	1069.0	1091.4	1104.4	1113.6	1119.2	1121.0
47.5°	979.5	1012.7	1044.3	1074.4	1103.4	1132.4	1159.1	1176.9	1190.0	1199.7	1206.6
45°	1027.7	1063.4	1098.3	1133.9	1167.4	1204.7	1238.4	1264.2	1283.4	1299.9	1313.2
42.5°	1076.2	1116.4	1156.5	1202.3	1247.9	1290.3	1330.4	1364.7	1396.0	1426.7	1450.5
40°	1129.0	1173.0	1227.8	1282.0	1338.3	1387.6	1446.2	1498.6	1546.7	1598.6	1641.6
37.5°	1186.6	1243.1	1308.0	1373.1	1446.2	1517.1	1598.9	1679.4	1749.4	1840.5	1913.5
35°	1249.4	1321.0	1397.6	1484.9	1579.2	1690.5	1804.9	1939.2	2053.1	2197.8	2331.3
32.5°	1319.3	1403.5	1502.9	1622.9	1750.2	1929.0	2096.7	2324.2	2518.7	2769.7	3043.9
30°	1390.4	1499.2	1634.4	1789.4	2004.8	2258.5	2554.3	2939.0	3355.1	3785.7	4365.2
27.5°	1474.7	1615.9	1784.8	2024.2	2346.3	2697.5	3300.0	3950.6	4856.9	5574.4	6852.4
25°	1565.5	1740.3	1989.8	2336.8	2781.9	3492.5	4509.6	5687.3	7500.9	9114.1	10968.0
22.5°	1673.0	1910.5	2240.8	2695.2	3471.1	4693.7	6281.2	8699.7	11388.3	14041.8	16467.1
20°	1786.9	2073.8	2535.7	3275.7	4474.9	6242.7	9075.2	12531.0	16100.2	19736.8	22801.3
17.5°	1919.9	2309.4	2917.9	3900.7	5611.6	8638.3	12421.5	16815.9	21478.9	26119.2	30150.0
15°	2034.2	2515.4	3334.8	4806.9	7358.2	11144.1	15793.8	21343.7	27207.6	33229.8	39756.7
12.5°	2180.0	2763.6	3764.3	5556.1	8907.8	13828.6	19518.0	25961.6	33122.2	41118.2	51293.6
10°	2313.7	3024.0	4329.2	6756.5	10770.6	16336.3	22734.8	30045.3	39333.3	51349.2	63623.2
7.5°	2420.9	3230.5	4767.4	7693.1	12332.9	18478.6	25631.4	34396.3	45983.7	60292.0	74315.9
5°	2495.4	3373.6	5080.9	8400.9	13589.5	20115.9	27687.0	37603.6	51589.3	67612.0	81931.3
2.5°	2542.2	3452.0	5234.4	8821.2	14409.2	21101.1	28969.4	39642.0	55024.9	72271.8	86769.6
0°	2564.4	3465.5	5136.6	9025.6	14524.1	21031.5	29086.8	40322.6	55840.2	73537.2	87976.6
-2.5°	2542.2	3452.0	5234.4	8821.2	14409.2	21101.1	28969.4	39642.0	55024.9	72271.8	86769.6
-5°	2495.4	3373.6	5080.9	8400.9	13589.5	20115.9	27687.0	37603.6	51589.3	67612.0	81931.3
-7.5°	2420.9	3230.5	4767.4	7693.1	12332.9	18478.6	25631.4	34396.3	45983.7	60292.0	74315.9
-10°	2313.7	3024.0	4329.2	6756.5	10770.6	16336.3	22734.8	30045.3	39333.3	51349.2	63623.2
-12.5°	2180.0	2763.6	3764.3	5556.1	8907.8	13828.6	19518.0	25961.6	33122.2	41118.2	51293.6
-15°	2034.2	2515.4	3334.8	4806.9	7358.2	11144.1	15793.8	21343.7	27207.6	33229.8	39756.7
-17.5°	1919.9	2309.4	2917.9	3900.7	5611.6	8638.3	12421.5	16815.9	21478.9	26119.2	30150.0
-20°	1786.9	2073.8	2535.7	3275.7	4474.9	6242.7	9075.2	12531.0	16100.2	19736.8	22801.3

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1673.0	1910.5	2240.8	2695.2	3471.1	4693.7	6281.2	8699.7	11388.3	14041.8	16467.1
-25°	1565.5	1740.3	1989.8	2336.8	2781.9	3492.5	4509.6	5687.3	7500.9	9114.1	10968.0
-27.5°	1474.7	1615.9	1784.8	2024.2	2346.3	2697.5	3300.0	3950.6	4856.9	5574.4	6852.4
-30°	1390.4	1499.2	1634.4	1789.4	2004.8	2258.5	2554.3	2939.0	3355.1	3785.7	4365.2
-32.5°	1319.3	1403.5	1502.9	1622.9	1750.2	1929.0	2096.7	2324.2	2518.7	2769.7	3043.9
-35°	1249.4	1321.0	1397.6	1484.9	1579.2	1690.5	1804.9	1939.2	2053.1	2197.8	2331.3
-37.5°	1186.6	1243.1	1308.0	1373.1	1446.2	1517.1	1598.9	1679.4	1749.4	1840.5	1913.5
-40°	1129.0	1173.0	1227.8	1282.0	1338.3	1387.6	1446.2	1498.6	1546.7	1598.6	1641.6
-42.5°	1076.2	1116.4	1156.5	1202.3	1247.9	1290.3	1330.4	1364.7	1396.0	1426.7	1450.5
-45°	1027.7	1063.4	1098.3	1133.9	1167.4	1204.7	1238.4	1264.2	1283.4	1299.9	1313.2
-47.5°	979.5	1012.7	1044.3	1074.4	1103.4	1132.4	1159.1	1176.9	1190.0	1199.7	1206.6
-50°	933.2	963.9	993.0	1018.9	1044.5	1069.0	1091.4	1104.4	1113.6	1119.2	1121.0
-52.5°	888.9	917.2	944.2	968.4	990.4	1010.8	1028.4	1037.8	1045.4	1050.8	1052.6
-55°	843.8	870.2	895.4	917.3	937.7	956.6	970.7	977.5	982.6	985.8	987.8
-57.5°	793.4	819.9	845.1	864.1	882.9	901.3	914.0	921.0	925.6	928.2	930.4
-60°	735.6	760.4	781.2	800.4	820.1	839.7	847.9	854.2	860.2	865.8	870.9
-62.5°	670.3	692.3	709.3	725.2	741.2	756.4	765.2	772.0	776.8	781.1	786.1
-65°	598.6	618.0	632.7	644.8	654.6	665.1	674.8	682.0	686.8	691.2	695.6
-67.5°	522.3	541.4	555.7	567.1	576.4	584.6	592.1	597.7	601.4	605.1	609.0
-70°	447.4	465.3	480.5	493.6	503.9	511.7	517.7	522.6	526.4	528.9	530.3
-72.5°	375.1	390.0	403.9	416.9	428.4	436.4	442.1	446.6	450.0	452.6	453.9
-75°	306.3	319.4	331.1	341.9	351.9	358.9	363.7	367.3	369.7	372.3	374.3
-77.5°	238.2	248.5	258.2	267.2	275.5	282.1	287.4	291.6	294.9	297.0	298.4
-80°	174.9	183.4	191.3	198.4	204.7	209.2	213.2	217.0	220.4	222.0	222.8
-82.5°	120.4	125.9	131.3	136.7	142.0	144.0	145.4	146.4	147.0	149.0	150.8
-85°	70.1	73.1	75.9	78.5	80.8	81.4	81.6	81.5	81.1	82.1	83.1
-87.5°	25.2	26.0	26.7	27.3	27.9	28.5	28.9	29.4	29.7	30.1	30.3
-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: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	30.5	30.7	30.8	30.8	30.8	30.7	30.5	30.3	30.1	29.7	29.4
85°	83.8	84.3	84.6	84.7	84.6	84.3	83.8	83.1	82.1	81.1	81.5
82.5°	152.2	153.2	153.8	154.0	153.8	153.2	152.2	150.8	149.0	147.0	146.4
80°	222.8	222.3	223.0	223.3	223.0	222.3	222.8	222.8	222.0	220.4	217.0
77.5°	299.0	298.9	299.9	300.3	299.9	298.9	299.0	298.4	297.0	294.9	291.6
75°	375.5	375.7	376.9	377.4	376.9	375.7	375.5	374.3	372.3	369.7	367.3
72.5°	453.9	452.6	453.9	454.4	453.9	452.6	453.9	453.9	452.6	450.0	446.6
70°	530.5	529.4	534.4	539.1	534.4	529.4	530.5	530.3	528.9	526.4	522.6
67.5°	611.8	613.4	618.9	623.8	618.9	613.4	611.8	609.0	605.1	601.4	597.7
65°	697.9	698.1	703.4	708.5	703.4	698.1	697.9	695.6	691.2	686.8	682.0
62.5°	789.1	790.0	795.5	800.9	795.5	790.0	789.1	786.1	781.1	776.8	772.0
60°	873.9	874.8	876.9	877.9	876.9	874.8	873.9	870.9	865.8	860.2	854.2
57.5°	931.0	930.2	931.1	931.8	931.1	930.2	931.0	930.4	928.2	925.6	921.0
55°	987.4	984.9	981.9	978.0	981.9	984.9	987.4	987.8	985.8	982.6	977.5
52.5°	1051.2	1047.1	1043.4	1039.6	1043.4	1047.1	1051.2	1052.6	1050.8	1045.4	1037.8
50°	1119.9	1116.2	1112.7	1108.9	1112.7	1116.2	1119.9	1121.0	1119.2	1113.6	1104.4
47.5°	1211.4	1213.0	1212.3	1209.1	1212.3	1213.0	1211.4	1206.6	1199.7	1190.0	1176.9
45°	1322.6	1327.0	1327.5	1324.6	1327.5	1327.0	1322.6	1313.2	1299.9	1283.4	1264.2
42.5°	1467.4	1477.2	1482.6	1486.3	1482.6	1477.2	1467.4	1450.5	1426.7	1396.0	1364.7
40°	1672.9	1692.8	1705.5	1717.3	1705.5	1692.8	1672.9	1641.6	1598.6	1546.7	1498.6
37.5°	1967.7	2003.8	2019.9	2010.0	2019.9	2003.8	1967.7	1913.5	1840.5	1749.4	1679.4
35°	2434.1	2502.7	2538.4	2541.3	2538.4	2502.7	2434.1	2331.3	2197.8	2053.1	1939.2
32.5°	3246.5	3387.0	3462.5	3473.2	3462.5	3387.0	3246.5	3043.9	2769.7	2518.7	2324.2
30°	4808.9	5095.5	5230.1	5198.2	5230.1	5095.5	4808.9	4365.2	3785.7	3355.1	2939.0
27.5°	7845.8	8560.6	8984.2	9017.9	8984.2	8560.6	7845.8	6852.4	5574.4	4856.9	3950.6
25°	12610.0	13830.3	14611.6	14624.3	14611.6	13830.3	12610.0	10968.0	9114.1	7500.9	5687.3
22.5°	18709.7	20375.4	21288.0	21447.4	21288.0	20375.4	18709.7	16467.1	14041.8	11388.3	8699.7
20°	25776.5	27992.3	29177.8	29179.2	29177.8	27992.3	25776.5	22801.3	19736.8	16100.2	12531.0
17.5°	34479.5	38077.5	40336.1	41308.3	40336.1	38077.5	34479.5	30150.0	26119.2	21478.9	16815.9
15°	46041.6	52087.8	55710.9	56363.9	55710.9	52087.8	46041.6	39756.7	33229.8	27207.6	21343.7
12.5°	60119.8	67771.5	72915.0	74800.1	72915.0	67771.5	60119.8	51293.6	41118.2	33122.2	25961.6
10°	74818.7	81908.4	87418.7	89270.4	87418.7	81908.4	74818.7	63623.2	51349.2	39333.3	30045.3
7.5°	85437.4	93891.6	100098.5	102824.2	100098.5	93891.6	85437.4	74315.9	60292.0	45983.7	34396.3
5°	93819.9	103823.3	109601.2	112165.6	109601.2	103823.3	93819.9	81931.3	67612.0	51589.3	37603.6
2.5°	99319.8	109204.1	115322.6	117687.2	115322.6	109204.1	99319.8	86769.6	72271.8	55024.9	39642.0
0°	101376.4	111041.2	117086.5	119974.4	117086.5	111041.2	101376.4	87976.6	73537.2	55840.2	40322.6
-2.5°	99319.8	109204.1	115322.6	117687.2	115322.6	109204.1	99319.8	86769.6	72271.8	55024.9	39642.0
-5°	93819.9	103823.3	109601.2	112165.6	109601.2	103823.3	93819.9	81931.3	67612.0	51589.3	37603.6
-7.5°	85437.4	93891.6	100098.5	102824.2	100098.5	93891.6	85437.4	74315.9	60292.0	45983.7	34396.3
-10°	74818.7	81908.4	87418.7	89270.4	87418.7	81908.4	74818.7	63623.2	51349.2	39333.3	30045.3
-12.5°	60119.8	67771.5	72915.0	74800.1	72915.0	67771.5	60119.8	51293.6	41118.2	33122.2	25961.6
-15°	46041.6	52087.8	55710.9	56363.9	55710.9	52087.8	46041.6	39756.7	33229.8	27207.6	21343.7
-17.5°	34479.5	38077.5	40336.1	41308.3	40336.1	38077.5	34479.5	30150.0	26119.2	21478.9	16815.9
-20°	25776.5	27992.3	29177.8	29179.2	29177.8	27992.3	25776.5	22801.3	19736.8	16100.2	12531.0



REPORT NUMBER: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	18709.7	20375.4	21288.0	21447.4	21288.0	20375.4	18709.7	16467.1	14041.8	11388.3	8699.7
-25°	12610.0	13830.3	14611.6	14624.3	14611.6	13830.3	12610.0	10968.0	9114.1	7500.9	5687.3
-27.5°	7845.8	8560.6	8984.2	9017.9	8984.2	8560.6	7845.8	6852.4	5574.4	4856.9	3950.6
-30°	4808.9	5095.5	5230.1	5198.2	5230.1	5095.5	4808.9	4365.2	3785.7	3355.1	2939.0
-32.5°	3246.5	3387.0	3462.5	3473.2	3462.5	3387.0	3246.5	3043.9	2769.7	2518.7	2324.2
-35°	2434.1	2502.7	2538.4	2541.3	2538.4	2502.7	2434.1	2331.3	2197.8	2053.1	1939.2
-37.5°	1967.7	2003.8	2019.9	2010.0	2019.9	2003.8	1967.7	1913.5	1840.5	1749.4	1679.4
-40°	1672.9	1692.8	1705.5	1717.3	1705.5	1692.8	1672.9	1641.6	1598.6	1546.7	1498.6
-42.5°	1467.4	1477.2	1482.6	1486.3	1482.6	1477.2	1467.4	1450.5	1426.7	1396.0	1364.7
-45°	1322.6	1327.0	1327.5	1324.6	1327.5	1327.0	1322.6	1313.2	1299.9	1283.4	1264.2
-47.5°	1211.4	1213.0	1212.3	1209.1	1212.3	1213.0	1211.4	1206.6	1199.7	1190.0	1176.9
-50°	1119.9	1116.2	1112.7	1108.9	1112.7	1116.2	1119.9	1121.0	1119.2	1113.6	1104.4
-52.5°	1051.2	1047.1	1043.4	1039.6	1043.4	1047.1	1051.2	1052.6	1050.8	1045.4	1037.8
-55°	987.4	984.9	981.9	978.0	981.9	984.9	987.4	987.8	985.8	982.6	977.5
-57.5°	931.0	930.2	931.1	931.8	931.1	930.2	931.0	930.4	928.2	925.6	921.0
-60°	873.9	874.8	876.9	877.9	876.9	874.8	873.9	870.9	865.8	860.2	854.2
-62.5°	789.1	790.0	795.5	800.9	795.5	790.0	789.1	786.1	781.1	776.8	772.0
-65°	697.9	698.1	703.4	708.5	703.4	698.1	697.9	695.6	691.2	686.8	682.0
-67.5°	611.8	613.4	618.9	623.8	618.9	613.4	611.8	609.0	605.1	601.4	597.7
-70°	530.5	529.4	534.4	539.1	534.4	529.4	530.5	530.3	528.9	526.4	522.6
-72.5°	453.9	452.6	453.9	454.4	453.9	452.6	453.9	453.9	452.6	450.0	446.6
-75°	375.5	375.7	376.9	377.4	376.9	375.7	375.5	374.3	372.3	369.7	367.3
-77.5°	299.0	298.9	299.9	300.3	299.9	298.9	299.0	298.4	297.0	294.9	291.6
-80°	222.8	222.3	223.0	223.3	223.0	222.3	222.8	222.8	222.0	220.4	217.0
-82.5°	152.2	153.2	153.8	154.0	153.8	153.2	152.2	150.8	149.0	147.0	146.4
-85°	83.8	84.3	84.6	84.7	84.6	84.3	83.8	83.1	82.1	81.1	81.5
-87.5°	30.5	30.7	30.8	30.8	30.8	30.7	30.5	30.3	30.1	29.7	29.4
-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: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	28.9	28.5	27.9	27.3	26.7	26.0	25.2	24.4	23.6	22.7	21.8
85°	81.6	81.4	80.8	78.5	75.9	73.1	70.1	66.9	63.5	60.0	56.3
82.5°	145.4	144.0	142.0	136.7	131.3	125.9	120.4	115.7	110.6	105.3	99.7
80°	213.2	209.2	204.7	198.4	191.3	183.4	174.9	166.9	158.4	150.4	143.0
77.5°	287.4	282.1	275.5	267.2	258.2	248.5	238.2	227.5	217.0	205.8	194.1
75°	363.7	358.9	351.9	341.9	331.1	319.4	306.3	291.7	277.0	262.3	248.0
72.5°	442.1	436.4	428.4	416.9	403.9	390.0	375.1	358.5	340.2	320.2	302.1
70°	517.7	511.7	503.9	493.6	480.5	465.3	447.4	428.0	407.5	386.0	363.9
67.5°	592.1	584.6	576.4	567.1	555.7	541.4	522.3	499.8	476.1	451.8	426.4
65°	674.8	665.1	654.6	644.8	632.7	618.0	598.6	576.9	550.9	521.0	488.8
62.5°	765.2	756.4	741.2	725.2	709.3	692.3	670.3	646.7	622.8	595.2	556.7
60°	847.9	839.7	820.1	800.4	781.2	760.4	735.6	710.5	685.4	655.1	620.0
57.5°	914.0	901.3	882.9	864.1	845.1	819.9	793.4	768.5	741.0	711.8	679.1
55°	970.7	956.6	937.7	917.3	895.4	870.2	843.8	815.7	789.4	765.3	731.9
52.5°	1028.4	1010.8	990.4	968.4	944.2	917.2	888.9	859.5	833.8	808.8	780.7
50°	1091.4	1069.0	1044.5	1018.9	993.0	963.9	933.2	902.0	877.3	851.3	823.1
47.5°	1159.1	1132.4	1103.4	1074.4	1044.3	1012.7	979.5	945.9	918.7	892.0	862.8
45°	1238.4	1204.7	1167.4	1133.9	1098.3	1063.4	1027.7	992.8	958.8	928.7	900.6
42.5°	1330.4	1290.3	1247.9	1202.3	1156.5	1116.4	1076.2	1038.6	1000.7	964.5	932.1
40°	1446.2	1387.6	1338.3	1282.0	1227.8	1173.0	1129.0	1083.8	1042.3	1001.4	964.0
37.5°	1598.9	1517.1	1446.2	1373.1	1308.0	1243.1	1186.6	1135.3	1083.8	1039.7	997.7
35°	1804.9	1690.5	1579.2	1484.9	1397.6	1321.0	1249.4	1189.2	1132.4	1078.5	1031.5
32.5°	2096.7	1929.0	1750.2	1622.9	1502.9	1403.5	1319.3	1244.5	1179.5	1120.2	1066.3
30°	2554.3	2258.5	2004.8	1789.4	1634.4	1499.2	1390.4	1302.5	1226.3	1160.4	1100.5
27.5°	3300.0	2697.5	2346.3	2024.2	1784.8	1615.9	1474.7	1360.1	1271.7	1199.6	1134.1
25°	4509.6	3492.5	2781.9	2336.8	1989.8	1740.3	1565.5	1429.0	1320.8	1235.0	1158.1
22.5°	6281.2	4693.7	3471.1	2695.2	2240.8	1910.5	1673.0	1497.0	1364.7	1265.3	1181.7
20°	9075.2	6242.7	4474.9	3275.7	2535.7	2073.8	1786.9	1576.7	1418.6	1298.1	1202.6
17.5°	12421.5	8638.3	5611.6	3900.7	2917.9	2309.4	1919.9	1653.2	1466.1	1327.6	1220.3
15°	15793.8	11144.1	7358.2	4806.9	3334.8	2515.4	2034.2	1719.2	1512.6	1360.0	1242.4
12.5°	19518.0	13828.6	8907.8	5556.1	3764.3	2763.6	2180.0	1808.4	1563.3	1392.3	1263.8
10°	22734.8	16336.3	10770.6	6756.5	4329.2	3024.0	2313.7	1884.7	1605.7	1418.4	1280.5
7.5°	25631.4	18478.6	12332.9	7693.1	4767.4	3230.5	2420.9	1945.5	1637.6	1437.6	1292.3
5°	27687.0	20115.9	13589.5	8400.9	5080.9	3373.6	2495.4	1988.5	1658.6	1449.6	1299.1
2.5°	28969.4	21101.1	14409.2	8821.2	5234.4	3452.0	2542.2	2013.0	1676.3	1462.9	1302.9
0°	29086.8	21031.5	14524.1	9025.6	5136.6	3465.5	2564.4	2017.7	1686.5	1470.9	1301.5
-2.5°	28969.4	21101.1	14409.2	8821.2	5234.4	3452.0	2542.2	2013.0	1676.3	1462.9	1302.9
-5°	27687.0	20115.9	13589.5	8400.9	5080.9	3373.6	2495.4	1988.5	1658.6	1449.6	1299.1
-7.5°	25631.4	18478.6	12332.9	7693.1	4767.4	3230.5	2420.9	1945.5	1637.6	1437.6	1292.3
-10°	22734.8	16336.3	10770.6	6756.5	4329.2	3024.0	2313.7	1884.7	1605.7	1418.4	1280.5
-12.5°	19518.0	13828.6	8907.8	5556.1	3764.3	2763.6	2180.0	1808.4	1563.3	1392.3	1263.8
-15°	15793.8	11144.1	7358.2	4806.9	3334.8	2515.4	2034.2	1719.2	1512.6	1360.0	1242.4
-17.5°	12421.5	8638.3	5611.6	3900.7	2917.9	2309.4	1919.9	1653.2	1466.1	1327.6	1220.3
-20°	9075.2	6242.7	4474.9	3275.7	2535.7	2073.8	1786.9	1576.7	1418.6	1298.1	1202.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6281.2	4693.7	3471.1	2695.2	2240.8	1910.5	1673.0	1497.0	1364.7	1265.3	1181.7
-25°	4509.6	3492.5	2781.9	2336.8	1989.8	1740.3	1565.5	1429.0	1320.8	1235.0	1158.1
-27.5°	3300.0	2697.5	2346.3	2024.2	1784.8	1615.9	1474.7	1360.1	1271.7	1199.6	1134.1
-30°	2554.3	2258.5	2004.8	1789.4	1634.4	1499.2	1390.4	1302.5	1226.3	1160.4	1100.5
-32.5°	2096.7	1929.0	1750.2	1622.9	1502.9	1403.5	1319.3	1244.5	1179.5	1120.2	1066.3
-35°	1804.9	1690.5	1579.2	1484.9	1397.6	1321.0	1249.4	1189.2	1132.4	1078.5	1031.5
-37.5°	1598.9	1517.1	1446.2	1373.1	1308.0	1243.1	1186.6	1135.3	1083.8	1039.7	997.7
-40°	1446.2	1387.6	1338.3	1282.0	1227.8	1173.0	1129.0	1083.8	1042.3	1001.4	964.0
-42.5°	1330.4	1290.3	1247.9	1202.3	1156.5	1116.4	1076.2	1038.6	1000.7	964.5	932.1
-45°	1238.4	1204.7	1167.4	1133.9	1098.3	1063.4	1027.7	992.8	958.8	928.7	900.6
-47.5°	1159.1	1132.4	1103.4	1074.4	1044.3	1012.7	979.5	945.9	918.7	892.0	862.8
-50°	1091.4	1069.0	1044.5	1018.9	993.0	963.9	933.2	902.0	877.3	851.3	823.1
-52.5°	1028.4	1010.8	990.4	968.4	944.2	917.2	888.9	859.5	833.8	808.8	780.7
-55°	970.7	956.6	937.7	917.3	895.4	870.2	843.8	815.7	789.4	765.3	731.9
-57.5°	914.0	901.3	882.9	864.1	845.1	819.9	793.4	768.5	741.0	711.8	679.1
-60°	847.9	839.7	820.1	800.4	781.2	760.4	735.6	710.5	685.4	655.1	620.0
-62.5°	765.2	756.4	741.2	725.2	709.3	692.3	670.3	646.7	622.8	595.2	556.7
-65°	674.8	665.1	654.6	644.8	632.7	618.0	598.6	576.9	550.9	521.0	488.8
-67.5°	592.1	584.6	576.4	567.1	555.7	541.4	522.3	499.8	476.1	451.8	426.4
-70°	517.7	511.7	503.9	493.6	480.5	465.3	447.4	428.0	407.5	386.0	363.9
-72.5°	442.1	436.4	428.4	416.9	403.9	390.0	375.1	358.5	340.2	320.2	302.1
-75°	363.7	358.9	351.9	341.9	331.1	319.4	306.3	291.7	277.0	262.3	248.0
-77.5°	287.4	282.1	275.5	267.2	258.2	248.5	238.2	227.5	217.0	205.8	194.1
-80°	213.2	209.2	204.7	198.4	191.3	183.4	174.9	166.9	158.4	150.4	143.0
-82.5°	145.4	144.0	142.0	136.7	131.3	125.9	120.4	115.7	110.6	105.3	99.7
-85°	81.6	81.4	80.8	78.5	75.9	73.1	70.1	66.9	63.5	60.0	56.3
-87.5°	28.9	28.5	27.9	27.3	26.7	26.0	25.2	24.4	23.6	22.7	21.8
-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: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	20.8	19.8	18.7	17.7	16.5	15.4	14.2	13.0	11.8	10.5	9.3
85°	52.4	48.3	44.1	39.8	35.3	30.8	28.4	26.0	23.5	21.0	18.5
82.5°	93.9	87.8	81.5	75.0	68.3	61.4	54.3	47.1	39.4	32.2	27.7
80°	135.2	127.1	118.7	110.1	101.4	91.9	82.5	72.7	62.0	51.6	41.8
77.5°	182.0	169.3	156.2	145.3	135.4	124.4	112.4	98.9	84.2	70.9	58.2
75°	233.2	218.0	202.2	186.7	171.8	156.8	143.1	127.3	108.9	90.2	74.3
72.5°	286.1	268.5	249.4	229.9	212.2	194.1	175.4	155.4	134.3	112.9	91.2
70°	342.0	320.2	298.9	276.8	254.1	231.3	209.7	185.6	159.5	135.3	110.9
67.5°	399.9	374.1	348.5	323.4	297.7	271.3	244.2	216.1	186.9	157.4	130.2
65°	459.3	428.7	397.5	369.5	340.7	311.2	281.0	246.7	214.0	181.5	149.2
62.5°	519.6	484.2	449.8	415.8	383.2	350.6	316.7	278.2	240.7	205.1	169.3
60°	580.5	539.8	500.9	463.0	425.7	389.3	351.1	308.8	267.9	228.2	189.5
57.5°	638.7	593.9	549.7	508.3	467.8	427.4	384.7	339.2	294.2	251.1	209.3
55°	695.4	649.5	597.6	550.6	507.5	464.6	417.2	368.9	319.9	273.3	228.5
52.5°	745.3	699.6	645.8	592.0	543.7	498.8	448.1	397.9	345.9	294.7	247.1
50°	790.5	744.3	690.3	633.5	578.5	528.7	477.7	424.6	371.0	315.7	265.2
47.5°	829.6	785.3	731.9	672.5	613.8	557.5	504.5	449.8	395.3	337.2	282.5
45°	864.9	824.6	771.8	710.9	646.5	586.7	529.8	473.7	416.7	358.0	299.2
42.5°	897.9	858.8	810.5	748.3	679.8	614.8	553.9	495.7	436.8	377.7	315.9
40°	927.8	888.6	846.7	783.4	711.4	641.1	577.7	516.5	455.7	395.8	332.1
37.5°	957.3	916.9	873.4	816.1	740.9	667.9	599.8	536.1	473.9	411.9	347.3
35°	987.6	944.3	896.8	841.8	769.1	692.6	620.2	554.6	491.0	427.0	361.5
32.5°	1016.7	968.9	918.3	863.6	795.4	715.1	640.0	572.5	507.0	441.1	374.6
30°	1045.3	989.2	937.3	885.8	818.4	737.1	659.5	589.2	521.8	454.2	386.4
27.5°	1067.0	1006.8	954.1	903.2	837.6	757.5	678.4	604.5	535.5	466.3	396.9
25°	1086.6	1023.8	968.5	917.0	856.7	778.4	695.7	618.6	548.0	477.3	406.5
22.5°	1106.2	1038.5	980.5	928.7	874.6	797.4	712.1	632.6	559.3	487.3	415.1
20°	1123.1	1050.4	990.4	939.6	886.6	812.1	727.4	645.1	569.3	496.0	422.7
17.5°	1137.6	1062.5	1000.9	948.4	894.9	824.6	740.8	656.0	577.9	503.7	429.3
15°	1152.3	1075.1	1009.7	955.2	902.0	834.9	752.2	665.3	585.3	510.2	435.5
12.5°	1164.9	1084.4	1016.6	960.1	908.0	842.8	761.7	672.9	591.3	516.2	441.2
10°	1174.7	1090.5	1021.5	963.2	912.7	848.6	769.0	679.9	598.5	521.7	446.0
7.5°	1181.6	1093.5	1024.3	964.5	916.1	853.8	776.3	687.7	604.8	525.9	449.6
5°	1186.3	1094.9	1026.1	967.3	918.0	858.6	781.5	693.8	610.0	529.0	452.3
2.5°	1191.8	1095.5	1026.2	969.5	918.1	861.5	784.5	698.1	613.8	530.8	453.9
0°	1193.7	1093.5	1024.2	970.3	916.4	862.5	785.5	700.8	616.1	531.4	454.4
-2.5°	1191.8	1095.5	1026.2	969.5	918.1	861.5	784.5	698.1	613.8	530.8	453.9
-5°	1186.3	1094.9	1026.1	967.3	918.0	858.6	781.5	693.8	610.0	529.0	452.3
-7.5°	1181.6	1093.5	1024.3	964.5	916.1	853.8	776.3	687.7	604.8	525.9	449.6
-10°	1174.7	1090.5	1021.5	963.2	912.7	848.6	769.0	679.9	598.5	521.7	446.0
-12.5°	1164.9	1084.4	1016.6	960.1	908.0	842.8	761.7	672.9	591.3	516.2	441.2
-15°	1152.3	1075.1	1009.7	955.2	902.0	834.9	752.2	665.3	585.3	510.2	435.5
-17.5°	1137.6	1062.5	1000.9	948.4	894.9	824.6	740.8	656.0	577.9	503.7	429.3
-20°	1123.1	1050.4	990.4	939.6	886.6	812.1	727.4	645.1	569.3	496.0	422.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	1106.2	1038.5	980.5	928.7	874.6	797.4	712.1	632.6	559.3	487.3	415.1
-25°	1086.6	1023.8	968.5	917.0	856.7	778.4	695.7	618.6	548.0	477.3	406.5
-27.5°	1067.0	1006.8	954.1	903.2	837.6	757.5	678.4	604.5	535.5	466.3	396.9
-30°	1045.3	989.2	937.3	885.8	818.4	737.1	659.5	589.2	521.8	454.2	386.4
-32.5°	1016.7	968.9	918.3	863.6	795.4	715.1	640.0	572.5	507.0	441.1	374.6
-35°	987.6	944.3	896.8	841.8	769.1	692.6	620.2	554.6	491.0	427.0	361.5
-37.5°	957.3	916.9	873.4	816.1	740.9	667.9	599.8	536.1	473.9	411.9	347.3
-40°	927.8	888.6	846.7	783.4	711.4	641.1	577.7	516.5	455.7	395.8	332.1
-42.5°	897.9	858.8	810.5	748.3	679.8	614.8	553.9	495.7	436.8	377.7	315.9
-45°	864.9	824.6	771.8	710.9	646.5	586.7	529.8	473.7	416.7	358.0	299.2
-47.5°	829.6	785.3	731.9	672.5	613.8	557.5	504.5	449.8	395.3	337.2	282.5
-50°	790.5	744.3	690.3	633.5	578.5	528.7	477.7	424.6	371.0	315.7	265.2
-52.5°	745.3	699.6	645.8	592.0	543.7	498.8	448.1	397.9	345.9	294.7	247.1
-55°	695.4	649.5	597.6	550.6	507.5	464.6	417.2	368.9	319.9	273.3	228.5
-57.5°	638.7	593.9	549.7	508.3	467.8	427.4	384.7	339.2	294.2	251.1	209.3
-60°	580.5	539.8	500.9	463.0	425.7	389.3	351.1	308.8	267.9	228.2	189.5
-62.5°	519.6	484.2	449.8	415.8	383.2	350.6	316.7	278.2	240.7	205.1	169.3
-65°	459.3	428.7	397.5	369.5	340.7	311.2	281.0	246.7	214.0	181.5	149.2
-67.5°	399.9	374.1	348.5	323.4	297.7	271.3	244.2	216.1	186.9	157.4	130.2
-70°	342.0	320.2	298.9	276.8	254.1	231.3	209.7	185.6	159.5	135.3	110.9
-72.5°	286.1	268.5	249.4	229.9	212.2	194.1	175.4	155.4	134.3	112.9	91.2
-75°	233.2	218.0	202.2	186.7	171.8	156.8	143.1	127.3	108.9	90.2	74.3
-77.5°	182.0	169.3	156.2	145.3	135.4	124.4	112.4	98.9	84.2	70.9	58.2
-80°	135.2	127.1	118.7	110.1	101.4	91.9	82.5	72.7	62.0	51.6	41.8
-82.5°	93.9	87.8	81.5	75.0	68.3	61.4	54.3	47.1	39.4	32.2	27.7
-85°	52.4	48.3	44.1	39.8	35.3	30.8	28.4	26.0	23.5	21.0	18.5
-87.5°	20.8	19.8	18.7	17.7	16.5	15.4	14.2	13.0	11.8	10.5	9.3
-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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REPORT NUMBER: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-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°	8.0	6.7	5.3	4.0	2.7	1.3	0.0
85°	15.9	13.3	10.7	8.0	5.4	2.7	0.0
82.5°	23.9	19.9	16.0	12.0	8.0	4.0	0.0
80°	32.4	26.5	21.3	16.0	10.7	5.3	0.0
77.5°	46.1	34.8	26.5	19.9	13.3	6.7	0.0
75°	59.7	46.1	32.4	23.9	15.9	8.0	0.0
72.5°	73.1	57.4	41.4	27.7	18.5	9.3	0.0
70°	86.9	68.4	50.3	32.1	21.0	10.5	0.0
67.5°	103.7	79.3	59.0	38.6	23.5	11.8	0.0
65°	120.2	91.6	67.6	45.1	26.0	13.0	0.0
62.5°	136.4	105.1	76.1	51.4	28.4	14.2	0.0
60°	152.2	118.3	84.3	57.6	30.8	15.4	0.0
57.5°	168.9	131.2	94.5	63.6	34.8	16.5	0.0
55°	185.1	143.8	104.6	69.5	38.7	17.7	0.0
52.5°	200.8	156.1	114.3	75.2	42.5	18.7	0.0
50°	215.8	168.5	123.7	80.7	46.1	19.8	0.0
47.5°	230.2	180.4	132.9	86.3	49.7	20.8	0.0
45°	244.5	191.7	141.6	92.9	53.1	21.8	0.0
42.5°	258.2	202.5	150.0	99.2	56.3	22.7	0.0
40°	271.2	212.6	158.1	105.1	59.4	23.6	0.0
37.5°	283.5	222.2	165.7	110.6	62.4	24.4	0.0
35°	295.2	231.6	172.9	115.8	65.2	25.2	0.0
32.5°	306.2	240.6	179.7	120.5	67.8	26.0	0.0
30°	316.6	249.1	185.9	124.9	70.2	26.7	0.0
27.5°	326.2	256.9	191.5	128.9	72.5	27.3	0.0
25°	334.8	264.0	196.7	132.4	74.6	27.9	0.0
22.5°	342.5	270.4	201.5	135.6	76.5	28.5	0.0
20°	349.2	276.0	205.8	138.3	78.2	28.9	0.0
17.5°	355.4	280.8	209.8	140.7	79.7	29.4	0.0
15°	361.0	284.8	213.3	142.7	81.0	29.7	0.0
12.5°	365.8	288.0	216.2	144.2	82.1	30.1	0.0
10°	369.9	290.4	218.7	145.4	83.1	30.3	0.0
7.5°	373.1	292.0	220.7	146.2	83.8	30.5	0.0
5°	375.5	292.9	222.1	146.6	84.3	30.7	0.0
2.5°	376.9	293.1	223.0	146.6	84.6	30.8	0.0
0°	377.4	292.6	223.3	146.3	84.7	30.8	0.0
-2.5°	376.9	293.1	223.0	146.6	84.6	30.8	0.0
-5°	375.5	292.9	222.1	146.6	84.3	30.7	0.0
-7.5°	373.1	292.0	220.7	146.2	83.8	30.5	0.0
-10°	369.9	290.4	218.7	145.4	83.1	30.3	0.0
-12.5°	365.8	288.0	216.2	144.2	82.1	30.1	0.0
-15°	361.0	284.8	213.3	142.7	81.0	29.7	0.0
-17.5°	355.4	280.8	209.8	140.7	79.7	29.4	0.0
-20°	349.2	276.0	205.8	138.3	78.2	28.9	0.0

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REPORT NUMBER: P627885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	342.5	270.4	201.5	135.6	76.5	28.5	0.0
-25°	334.8	264.0	196.7	132.4	74.6	27.9	0.0
-27.5°	326.2	256.9	191.5	128.9	72.5	27.3	0.0
-30°	316.6	249.1	185.9	124.9	70.2	26.7	0.0
-32.5°	306.2	240.6	179.7	120.5	67.8	26.0	0.0
-35°	295.2	231.6	172.9	115.8	65.2	25.2	0.0
-37.5°	283.5	222.2	165.7	110.6	62.4	24.4	0.0
-40°	271.2	212.6	158.1	105.1	59.4	23.6	0.0
-42.5°	258.2	202.5	150.0	99.2	56.3	22.7	0.0
-45°	244.5	191.7	141.6	92.9	53.1	21.8	0.0
-47.5°	230.2	180.4	132.9	86.3	49.7	20.8	0.0
-50°	215.8	168.5	123.7	80.7	46.1	19.8	0.0
-52.5°	200.8	156.1	114.3	75.2	42.5	18.7	0.0
-55°	185.1	143.8	104.6	69.5	38.7	17.7	0.0
-57.5°	168.9	131.2	94.5	63.6	34.8	16.5	0.0
-60°	152.2	118.3	84.3	57.6	30.8	15.4	0.0
-62.5°	136.4	105.1	76.1	51.4	28.4	14.2	0.0
-65°	120.2	91.6	67.6	45.1	26.0	13.0	0.0
-67.5°	103.7	79.3	59.0	38.6	23.5	11.8	0.0
-70°	86.9	68.4	50.3	32.1	21.0	10.5	0.0
-72.5°	73.1	57.4	41.4	27.7	18.5	9.3	0.0
-75°	59.7	46.1	32.4	23.9	15.9	8.0	0.0
-77.5°	46.1	34.8	26.5	19.9	13.3	6.7	0.0
-80°	32.4	26.5	21.3	16.0	10.7	5.3	0.0
-82.5°	23.9	19.9	16.0	12.0	8.0	4.0	0.0
-85°	15.9	13.3	10.7	8.0	5.4	2.7	0.0
-87.5°	8.0	6.7	5.3	4.0	2.7	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)