

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6E-727-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-727-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

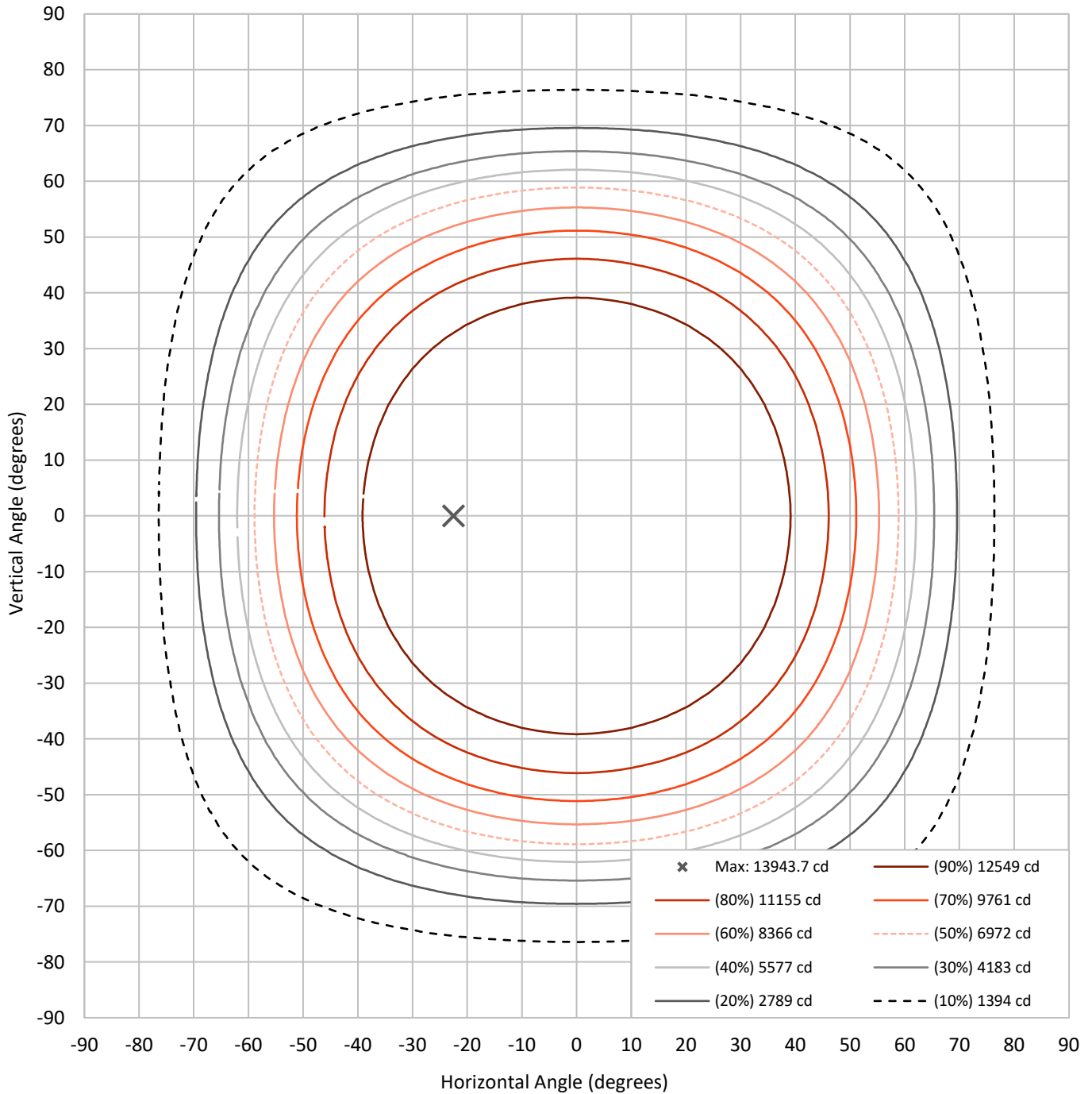
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	42654.8 lumens	Max Intensity:	13943.7 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	113.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	35498.1 lumens	Field Lumens:	41815.9 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
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





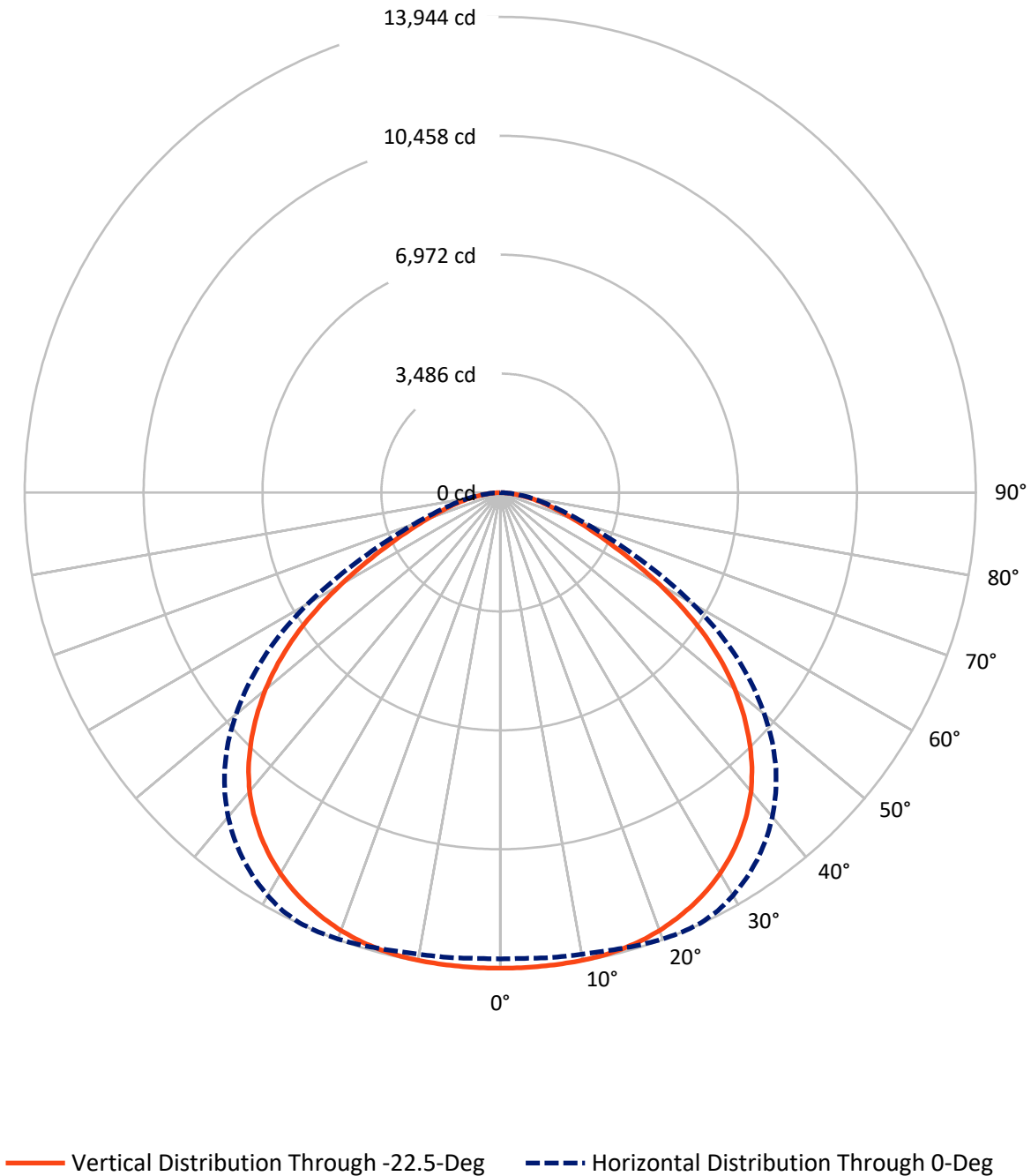
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Lumen Table

90																			
80	2.1	22.1	62.5	104.0	121.7	104.0	62.5	22.1	2.1										
70																			
60	10.5	12.4	25.9	45.3	70.1	96.8	119.6	132.3	132.3	119.6	96.8	70.1	45.3	25.9	12.4				10.5
50																			
40	19.9	19.3	44.2	85.7	140.1	192.9	232.2	253.1	253.1	232.2	192.9	140.1	85.7	44.2	19.3				19.9
30																			
20	27.3	27.5	69.9	139.3	213.6	275.9	319.8	342.3	342.3	319.8	275.9	213.6	139.3	69.9	27.5				27.3
10																			
0	30.1	36.9	99.0	184.8	265.6	330.2	373.7	395.3	395.3	373.7	330.2	265.6	184.8	99.0	36.9				30.1
-10																			
-20	27.3	46.2	123.2	215.8	298.7	361.6	401.7	419.6	419.6	401.7	361.6	298.7	215.8	123.2	46.2				27.3
-30																			
-40	19.9	53.6	139.1	234.7	317.2	377.0	408.8	419.8	419.8	408.8	377.0	317.2	234.7	139.1	53.6				19.9
-50																			
-60	10.5	57.6	146.9	243.7	325.3	381.8	407.1	415.9	415.9	407.1	381.8	325.3	243.7	146.9	57.6				10.5
-70																			
-80	2.1	57.6	146.9	243.7	325.3	381.8	407.1	415.9	415.9	407.1	381.8	325.3	243.7	146.9	57.6				2.1
-90																			

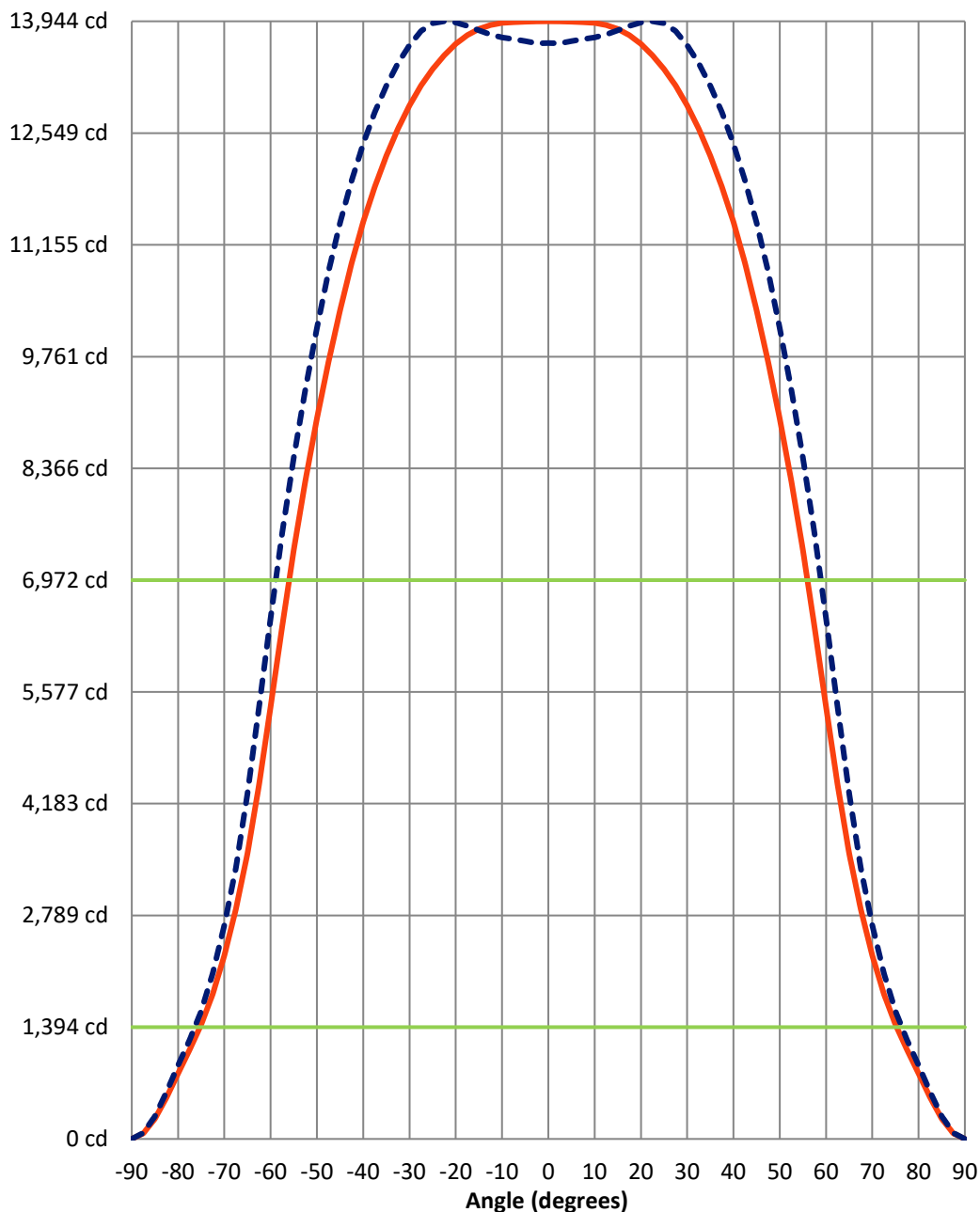
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 35498.1
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 41815.9
 Efficiency: 98.0%

Spill:
 Lumens: 838.9
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	3.3	6.6	10.0	13.2	16.5	19.7	22.9	26.1	29.2	32.2
85°	0.0	6.6	13.3	19.9	26.5	33.0	39.4	45.8	52.1	58.3	64.4
82.5°	0.0	10.0	19.9	29.8	39.6	49.4	59.1	68.7	81.2	106.4	131.3
80°	0.0	13.2	26.5	39.6	52.7	65.7	82.6	117.2	151.4	185.1	218.1
77.5°	0.0	16.5	33.0	49.4	65.7	91.7	135.3	178.5	221.2	263.1	313.8
75°	0.0	19.7	39.4	59.1	82.6	135.3	187.6	239.3	293.3	366.5	438.4
72.5°	0.0	22.9	45.8	68.7	117.2	178.5	239.3	306.5	392.9	478.0	561.8
70°	0.0	26.1	52.1	81.2	151.4	221.2	293.3	392.9	491.3	588.6	693.7
67.5°	0.0	29.2	58.3	106.4	185.1	263.1	366.5	478.0	588.6	708.3	826.2
65°	0.0	32.2	64.4	131.3	218.1	313.8	438.4	561.8	693.7	826.2	955.0
62.5°	0.0	35.2	70.4	155.6	250.5	372.7	508.9	649.8	796.9	941.0	1077.4
60°	0.0	38.1	76.2	179.4	282.2	430.3	578.0	738.4	898.0	1049.3	1197.5
57.5°	0.0	41.0	91.6	202.6	326.5	486.5	651.5	825.0	993.2	1155.2	1325.7
55°	0.0	43.8	106.6	225.2	370.3	541.3	723.8	909.3	1085.1	1261.6	1455.9
52.5°	0.0	46.4	121.2	247.1	412.8	595.3	794.0	987.9	1174.4	1375.6	1582.6
50°	0.0	49.0	135.4	268.3	454.0	651.9	862.1	1063.7	1264.5	1486.3	1740.1
47.5°	0.0	51.5	149.0	290.9	493.7	706.6	927.3	1136.9	1359.5	1593.4	1896.5
45°	0.0	53.9	162.1	319.5	531.8	759.2	987.6	1207.3	1451.1	1728.2	2047.5
42.5°	0.0	56.2	174.6	346.9	568.4	809.6	1045.4	1280.2	1539.0	1858.4	2225.3
40°	0.0	58.4	186.5	373.0	605.0	857.7	1100.6	1353.5	1631.5	1983.0	2401.1
37.5°	0.0	60.5	197.9	397.8	641.5	903.4	1153.1	1423.2	1736.6	2110.4	2568.6
35°	0.0	62.5	208.6	421.3	676.0	945.4	1202.7	1489.2	1836.1	2252.6	2739.7
32.5°	0.0	64.3	218.7	443.3	708.4	984.1	1251.3	1551.3	1929.8	2386.7	2919.4
30°	0.0	66.1	228.1	463.9	738.7	1020.4	1300.9	1613.8	2017.5	2512.3	3088.0
27.5°	0.0	67.7	236.8	482.9	766.8	1054.0	1346.9	1684.7	2107.1	2629.2	3244.9
25°	0.0	69.1	244.8	500.5	792.6	1085.0	1389.3	1750.0	2202.1	2750.9	3391.5
22.5°	0.0	70.5	252.1	516.5	816.2	1113.2	1427.9	1809.5	2288.8	2868.8	3562.7
20°	0.0	71.7	258.7	530.9	837.4	1138.6	1462.7	1863.2	2367.0	2975.3	3717.3
17.5°	0.0	72.8	264.5	543.6	856.2	1161.2	1493.6	1910.9	2436.5	3069.9	3854.7
15°	0.0	73.7	269.6	554.8	872.6	1180.8	1520.5	1952.5	2497.1	3152.4	3974.7
12.5°	0.0	74.5	273.9	564.2	886.6	1197.5	1543.4	1987.8	2548.6	3222.7	4076.9
10°	0.0	75.1	277.5	572.0	898.0	1211.2	1562.2	2016.8	2591.0	3280.4	4160.9
7.5°	0.0	75.6	280.2	578.0	906.9	1221.9	1576.9	2039.5	2624.0	3325.5	4226.6
5°	0.0	76.0	282.2	582.3	913.3	1229.6	1587.4	2055.7	2647.7	3357.8	4273.6
2.5°	0.0	76.2	283.4	584.9	917.1	1234.2	1593.7	2065.4	2662.0	3377.2	4301.9
0°	0.0	76.3	283.8	585.8	918.4	1235.7	1595.8	2068.7	2666.7	3383.7	4311.3
-2.5°	0.0	76.2	283.4	584.9	917.1	1234.2	1593.7	2065.4	2662.0	3377.2	4301.9
-5°	0.0	76.0	282.2	582.3	913.3	1229.6	1587.4	2055.7	2647.7	3357.8	4273.6
-7.5°	0.0	75.6	280.2	578.0	906.9	1221.9	1576.9	2039.5	2624.0	3325.5	4226.6
-10°	0.0	75.1	277.5	572.0	898.0	1211.2	1562.2	2016.8	2591.0	3280.4	4160.9
-12.5°	0.0	74.5	273.9	564.2	886.6	1197.5	1543.4	1987.8	2548.6	3222.7	4076.9
-15°	0.0	73.7	269.6	554.8	872.6	1180.8	1520.5	1952.5	2497.1	3152.4	3974.7
-17.5°	0.0	72.8	264.5	543.6	856.2	1161.2	1493.6	1910.9	2436.5	3069.9	3854.7
-20°	0.0	71.7	258.7	530.9	837.4	1138.6	1462.7	1863.2	2367.0	2975.3	3717.3

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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	70.5	252.1	516.5	816.2	1113.2	1427.9	1809.5	2288.8	2868.8	3562.7
-25°	0.0	69.1	244.8	500.5	792.6	1085.0	1389.3	1750.0	2202.1	2750.9	3391.5
-27.5°	0.0	67.7	236.8	482.9	766.8	1054.0	1346.9	1684.7	2107.1	2629.2	3244.9
-30°	0.0	66.1	228.1	463.9	738.7	1020.4	1300.9	1613.8	2017.5	2512.3	3088.0
-32.5°	0.0	64.3	218.7	443.3	708.4	984.1	1251.3	1551.3	1929.8	2386.7	2919.4
-35°	0.0	62.5	208.6	421.3	676.0	945.4	1202.7	1489.2	1836.1	2252.6	2739.7
-37.5°	0.0	60.5	197.9	397.8	641.5	903.4	1153.1	1423.2	1736.6	2110.4	2568.6
-40°	0.0	58.4	186.5	373.0	605.0	857.7	1100.6	1353.5	1631.5	1983.0	2401.1
-42.5°	0.0	56.2	174.6	346.9	568.4	809.6	1045.4	1280.2	1539.0	1858.4	2225.3
-45°	0.0	53.9	162.1	319.5	531.8	759.2	987.6	1207.3	1451.1	1728.2	2047.5
-47.5°	0.0	51.5	149.0	290.9	493.7	706.6	927.3	1136.9	1359.5	1593.4	1896.5
-50°	0.0	49.0	135.4	268.3	454.0	651.9	862.1	1063.7	1264.5	1486.3	1740.1
-52.5°	0.0	46.4	121.2	247.1	412.8	595.3	794.0	987.9	1174.4	1375.6	1582.6
-55°	0.0	43.8	106.6	225.2	370.3	541.3	723.8	909.3	1085.1	1261.6	1455.9
-57.5°	0.0	41.0	91.6	202.6	326.5	486.5	651.5	825.0	993.2	1155.2	1325.7
-60°	0.0	38.1	76.2	179.4	282.2	430.3	578.0	738.4	898.0	1049.3	1197.5
-62.5°	0.0	35.2	70.4	155.6	250.5	372.7	508.9	649.8	796.9	941.0	1077.4
-65°	0.0	32.2	64.4	131.3	218.1	313.8	438.4	561.8	693.7	826.2	955.0
-67.5°	0.0	29.2	58.3	106.4	185.1	263.1	366.5	478.0	588.6	708.3	826.2
-70°	0.0	26.1	52.1	81.2	151.4	221.2	293.3	392.9	491.3	588.6	693.7
-72.5°	0.0	22.9	45.8	68.7	117.2	178.5	239.3	306.5	392.9	478.0	561.8
-75°	0.0	19.7	39.4	59.1	82.6	135.3	187.6	239.3	293.3	366.5	438.4
-77.5°	0.0	16.5	33.0	49.4	65.7	91.7	135.3	178.5	221.2	263.1	313.8
-80°	0.0	13.2	26.5	39.6	52.7	65.7	82.6	117.2	151.4	185.1	218.1
-82.5°	0.0	10.0	19.9	29.8	39.6	49.4	59.1	68.7	81.2	106.4	131.3
-85°	0.0	6.6	13.3	19.9	26.5	33.0	39.4	45.8	52.1	58.3	64.4
-87.5°	0.0	3.3	6.6	10.0	13.2	16.5	19.7	22.9	26.1	29.2	32.2
-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°	35.2	38.1	41.0	43.8	46.4	49.0	51.5	53.9	56.2	58.4	60.5
85°	70.4	76.2	91.6	106.6	121.2	135.4	149.0	162.1	174.6	186.5	197.9
82.5°	155.6	179.4	202.6	225.2	247.1	268.3	290.9	319.5	346.9	373.0	397.8
80°	250.5	282.2	326.5	370.3	412.8	454.0	493.7	531.8	568.4	605.0	641.5
77.5°	372.7	430.3	486.5	541.3	595.3	651.9	706.6	759.2	809.6	857.7	903.4
75°	508.9	578.0	651.5	723.8	794.0	862.1	927.3	987.6	1045.4	1100.6	1153.1
72.5°	649.8	738.4	825.0	909.3	987.9	1063.7	1136.9	1207.3	1280.2	1353.5	1423.2
70°	796.9	898.0	993.2	1085.1	1174.4	1264.5	1359.5	1451.1	1539.0	1631.5	1736.6
67.5°	941.0	1049.3	1155.2	1261.6	1375.6	1486.3	1593.4	1728.2	1858.4	1983.0	2110.4
65°	1077.4	1197.5	1325.7	1455.9	1582.6	1740.1	1896.5	2047.5	2225.3	2401.1	2568.6
62.5°	1211.7	1357.9	1504.3	1663.5	1846.5	2024.4	2230.6	2441.1	2643.6	2871.8	3093.9
60°	1357.9	1520.5	1706.3	1910.9	2121.5	2367.0	2605.1	2868.8	3134.7	3391.5	3706.7
57.5°	1504.3	1706.3	1932.4	2176.3	2449.5	2725.3	3035.0	3334.7	3694.3	4053.5	4410.8
55°	1663.5	1910.9	2176.3	2477.1	2791.9	3135.5	3494.7	3913.3	4318.6	4770.0	5202.2
52.5°	1846.5	2121.5	2449.5	2791.9	3169.2	3582.5	4045.9	4525.3	5030.0	5520.2	6000.9
50°	2024.4	2367.0	2725.3	3135.5	3582.5	4090.3	4629.4	5187.6	5738.6	6276.2	6779.6
47.5°	2230.6	2605.1	3035.0	3494.7	4045.9	4629.4	5240.3	5848.6	6443.0	6994.5	7522.7
45°	2441.1	2868.8	3334.7	3913.3	4525.3	5187.6	5848.6	6498.9	7102.8	7672.6	8171.2
42.5°	2643.6	3134.7	3694.3	4318.6	5030.0	5738.6	6443.0	7102.8	7721.4	8270.3	8771.1
40°	2871.8	3391.5	4053.5	4770.0	5520.2	6276.2	6994.5	7672.6	8270.3	8816.7	9323.8
37.5°	3093.9	3706.7	4410.8	5202.2	6000.9	6779.6	7522.7	8171.2	8771.1	9323.8	9810.3
35°	3304.8	4006.4	4790.4	5621.2	6459.8	7251.5	7974.7	8634.9	9230.9	9767.3	10264.7
32.5°	3539.3	4289.7	5149.7	6023.8	6877.8	7684.1	8401.0	9046.8	9639.3	10184.1	10677.9
30°	3781.1	4595.2	5490.7	6402.9	7270.5	8059.1	8774.8	9428.7	10016.6	10554.6	11038.6
27.5°	4006.4	4883.3	5816.1	6746.0	7629.2	8410.8	9116.8	9760.7	10351.9	10893.5	11362.6
25°	4214.5	5149.7	6117.2	7060.1	7931.2	8714.6	9427.0	10070.4	10658.2	11178.0	11634.0
22.5°	4419.9	5393.8	6393.2	7348.2	8208.6	8986.1	9692.1	10337.2	10925.3	11440.3	11877.9
20°	4619.5	5621.2	6636.7	7603.8	8460.4	9232.9	9933.4	10577.3	11149.7	11648.3	12083.9
17.5°	4797.2	5823.8	6849.7	7810.1	8667.3	9443.5	10147.0	10792.9	11351.6	11836.0	12261.9
15°	4952.5	6000.9	7036.0	7990.8	8845.4	9618.5	10322.0	10960.8	11515.8	11996.1	12419.0
12.5°	5084.7	6151.9	7195.0	8145.0	8997.5	9768.3	10471.9	11101.9	11647.5	12121.7	12535.4
10°	5193.5	6276.2	7325.9	8272.2	9123.1	9892.0	10595.9	11218.7	11756.8	12225.9	12632.3
7.5°	5278.5	6373.4	7428.3	8371.7	9221.4	9989.0	10693.2	11310.5	11842.7	12308.1	12708.8
5°	5339.4	6443.0	7501.8	8443.2	9292.0	10058.6	10763.2	11376.5	11904.6	12367.3	12764.1
2.5°	5376.1	6484.9	7545.9	8486.1	9334.5	10100.6	10805.3	11416.3	11941.9	12403.1	12797.5
0°	5388.3	6498.9	7560.7	8500.5	9348.7	10114.6	10819.4	11429.6	11954.4	12415.1	12808.7
-2.5°	5376.1	6484.9	7545.9	8486.1	9334.5	10100.6	10805.3	11416.3	11941.9	12403.1	12797.5
-5°	5339.4	6443.0	7501.8	8443.2	9292.0	10058.6	10763.2	11376.5	11904.6	12367.3	12764.1
-7.5°	5278.5	6373.4	7428.3	8371.7	9221.4	9989.0	10693.2	11310.5	11842.7	12308.1	12708.8
-10°	5193.5	6276.2	7325.9	8272.2	9123.1	9892.0	10595.9	11218.7	11756.8	12225.9	12632.3
-12.5°	5084.7	6151.9	7195.0	8145.0	8997.5	9768.3	10471.9	11101.9	11647.5	12121.7	12535.4
-15°	4952.5	6000.9	7036.0	7990.8	8845.4	9618.5	10322.0	10960.8	11515.8	11996.1	12419.0
-17.5°	4797.2	5823.8	6849.7	7810.1	8667.3	9443.5	10147.0	10792.9	11351.6	11836.0	12261.9
-20°	4619.5	5621.2	6636.7	7603.8	8460.4	9232.9	9933.4	10577.3	11149.7	11648.3	12083.9

Classified

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

Scaled Data Report



REPORT NUMBER: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4419.9	5393.8	6393.2	7348.2	8208.6	8986.1	9692.1	10337.2	10925.3	11440.3	11877.9
-25°	4214.5	5149.7	6117.2	7060.1	7931.2	8714.6	9427.0	10070.4	10658.2	11178.0	11634.0
-27.5°	4006.4	4883.3	5816.1	6746.0	7629.2	8410.8	9116.8	9760.7	10351.9	10893.5	11362.6
-30°	3781.1	4595.2	5490.7	6402.9	7270.5	8059.1	8774.8	9428.7	10016.6	10554.6	11038.6
-32.5°	3539.3	4289.7	5149.7	6023.8	6877.8	7684.1	8401.0	9046.8	9639.3	10184.1	10677.9
-35°	3304.8	4006.4	4790.4	5621.2	6459.8	7251.5	7974.7	8634.9	9230.9	9767.3	10264.7
-37.5°	3093.9	3706.7	4410.8	5202.2	6000.9	6779.6	7522.7	8171.2	8771.1	9323.8	9810.3
-40°	2871.8	3391.5	4053.5	4770.0	5520.2	6276.2	6994.5	7672.6	8270.3	8816.7	9323.8
-42.5°	2643.6	3134.7	3694.3	4318.6	5030.0	5738.6	6443.0	7102.8	7721.4	8270.3	8771.1
-45°	2441.1	2868.8	3334.7	3913.3	4525.3	5187.6	5848.6	6498.9	7102.8	7672.6	8171.2
-47.5°	2230.6	2605.1	3035.0	3494.7	4045.9	4629.4	5240.3	5848.6	6443.0	6994.5	7522.7
-50°	2024.4	2367.0	2725.3	3135.5	3582.5	4090.3	4629.4	5187.6	5738.6	6276.2	6779.6
-52.5°	1846.5	2121.5	2449.5	2791.9	3169.2	3582.5	4045.9	4525.3	5030.0	5520.2	6000.9
-55°	1663.5	1910.9	2176.3	2477.1	2791.9	3135.5	3494.7	3913.3	4318.6	4770.0	5202.2
-57.5°	1504.3	1706.3	1932.4	2176.3	2449.5	2725.3	3035.0	3334.7	3694.3	4053.5	4410.8
-60°	1357.9	1520.5	1706.3	1910.9	2121.5	2367.0	2605.1	2868.8	3134.7	3391.5	3706.7
-62.5°	1211.7	1357.9	1504.3	1663.5	1846.5	2024.4	2230.6	2441.1	2643.6	2871.8	3093.9
-65°	1077.4	1197.5	1325.7	1455.9	1582.6	1740.1	1896.5	2047.5	2225.3	2401.1	2568.6
-67.5°	941.0	1049.3	1155.2	1261.6	1375.6	1486.3	1593.4	1728.2	1858.4	1983.0	2110.4
-70°	796.9	898.0	993.2	1085.1	1174.4	1264.5	1359.5	1451.1	1539.0	1631.5	1736.6
-72.5°	649.8	738.4	825.0	909.3	987.9	1063.7	1136.9	1207.3	1280.2	1353.5	1423.2
-75°	508.9	578.0	651.5	723.8	794.0	862.1	927.3	987.6	1045.4	1100.6	1153.1
-77.5°	372.7	430.3	486.5	541.3	595.3	651.9	706.6	759.2	809.6	857.7	903.4
-80°	250.5	282.2	326.5	370.3	412.8	454.0	493.7	531.8	568.4	605.0	641.5
-82.5°	155.6	179.4	202.6	225.2	247.1	268.3	290.9	319.5	346.9	373.0	397.8
-85°	70.4	76.2	91.6	106.6	121.2	135.4	149.0	162.1	174.6	186.5	197.9
-87.5°	35.2	38.1	41.0	43.8	46.4	49.0	51.5	53.9	56.2	58.4	60.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-LAM-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°	62.5	64.3	66.1	67.7	69.1	70.5	71.7	72.8	73.7	74.5	75.1
85°	208.6	218.7	228.1	236.8	244.8	252.1	258.7	264.5	269.6	273.9	277.5
82.5°	421.3	443.3	463.9	482.9	500.5	516.5	530.9	543.6	554.8	564.2	572.0
80°	676.0	708.4	738.7	766.8	792.6	816.2	837.4	856.2	872.6	886.6	898.0
77.5°	945.4	984.1	1020.4	1054.0	1085.0	1113.2	1138.6	1161.2	1180.8	1197.5	1211.2
75°	1202.7	1251.3	1300.9	1346.9	1389.3	1427.9	1462.7	1493.6	1520.5	1543.4	1562.2
72.5°	1489.2	1551.3	1613.8	1684.7	1750.0	1809.5	1863.2	1910.9	1952.5	1987.8	2016.8
70°	1836.1	1929.8	2017.5	2107.1	2202.1	2288.8	2367.0	2436.5	2497.1	2548.6	2591.0
67.5°	2252.6	2386.7	2512.3	2629.2	2750.9	2868.8	2975.3	3069.9	3152.4	3222.7	3280.4
65°	2739.7	2919.4	3088.0	3244.9	3391.5	3562.7	3717.3	3854.7	3974.7	4076.9	4160.9
62.5°	3304.8	3539.3	3781.1	4006.4	4214.5	4419.9	4619.5	4797.2	4952.5	5084.7	5193.5
60°	4006.4	4289.7	4595.2	4883.3	5149.7	5393.8	5621.2	5823.8	6000.9	6151.9	6276.2
57.5°	4790.4	5149.7	5490.7	5816.1	6117.2	6393.2	6636.7	6849.7	7036.0	7195.0	7325.9
55°	5621.2	6023.8	6402.9	6746.0	7060.1	7348.2	7603.8	7810.1	7990.8	8145.0	8272.2
52.5°	6459.8	6877.8	7270.5	7629.2	7931.2	8208.6	8460.4	8667.3	8845.4	8997.5	9123.1
50°	7251.5	7684.1	8059.1	8410.8	8714.6	8986.1	9232.9	9443.5	9618.5	9768.3	9892.0
47.5°	7974.7	8401.0	8774.8	9116.8	9427.0	9692.1	9933.4	10147.0	10322.0	10471.9	10595.9
45°	8634.9	9046.8	9428.7	9760.7	10070.4	10337.2	10577.3	10792.9	10960.8	11101.9	11218.7
42.5°	9230.9	9639.3	10016.6	10351.9	10658.2	10925.3	11149.7	11351.6	11515.8	11647.5	11756.8
40°	9767.3	10184.1	10554.6	10893.5	11178.0	11440.3	11648.3	11836.0	11996.1	12121.7	12225.9
37.5°	10264.7	10677.9	11038.6	11362.6	11634.0	11877.9	12083.9	12261.9	12419.0	12535.4	12632.3
35°	10719.3	11112.0	11468.8	11765.9	12034.9	12264.5	12467.3	12631.5	12777.5	12888.4	12976.8
32.5°	11112.0	11501.3	11832.6	12125.0	12387.7	12601.9	12796.5	12946.8	13079.3	13186.1	13268.2
30°	11468.8	11832.6	12155.3	12445.0	12684.3	12893.0	13068.2	13215.0	13337.4	13439.2	13511.5
27.5°	11765.9	12125.0	12445.0	12712.1	12941.1	13142.0	13302.3	13443.7	13550.6	13644.3	13706.4
25°	12034.9	12387.7	12684.3	12941.1	13163.4	13346.8	13499.4	13627.5	13722.3	13802.6	13848.8
22.5°	12264.5	12601.9	12893.0	13142.0	13346.8	13518.3	13662.1	13770.6	13848.1	13896.6	13924.0
20°	12467.3	12796.5	13068.2	13302.3	13499.4	13662.1	13786.9	13867.1	13921.1	13934.4	13942.3
17.5°	12631.5	12946.8	13215.0	13443.7	13627.5	13770.6	13867.1	13923.7	13939.8	13937.0	13929.0
15°	12777.5	13079.3	13337.4	13550.6	13722.3	13848.1	13921.1	13939.8	13935.1	13918.8	13893.7
12.5°	12888.4	13186.1	13439.2	13644.3	13802.6	13896.6	13934.4	13937.0	13918.8	13887.6	13851.9
10°	12976.8	13268.2	13511.5	13706.4	13848.8	13924.0	13942.3	13929.0	13893.7	13851.9	13812.3
7.5°	13046.7	13333.4	13569.0	13756.1	13879.0	13932.4	13936.4	13911.3	13868.9	13821.5	13778.7
5°	13097.3	13380.7	13610.8	13792.3	13901.2	13938.6	13932.1	13897.4	13848.3	13798.7	13759.5
2.5°	13127.9	13409.3	13636.2	13814.3	13914.7	13942.4	13929.4	13888.7	13835.3	13784.1	13746.9
0°	13138.2	13418.9	13644.7	13821.7	13919.3	13943.7	13928.5	13885.8	13830.9	13779.0	13742.4
-2.5°	13127.9	13409.3	13636.2	13814.3	13914.7	13942.4	13929.4	13888.7	13835.3	13784.1	13746.9
-5°	13097.3	13380.7	13610.8	13792.3	13901.2	13938.6	13932.1	13897.4	13848.3	13798.7	13759.5
-7.5°	13046.7	13333.4	13569.0	13756.1	13879.0	13932.4	13936.4	13911.3	13868.9	13821.5	13778.7
-10°	12976.8	13268.2	13511.5	13706.4	13848.8	13924.0	13942.3	13929.0	13893.7	13851.9	13812.3
-12.5°	12888.4	13186.1	13439.2	13644.3	13802.6	13896.6	13934.4	13937.0	13918.8	13887.6	13851.9
-15°	12777.5	13079.3	13337.4	13550.6	13722.3	13848.1	13921.1	13939.8	13935.1	13918.8	13893.7
-17.5°	12631.5	12946.8	13215.0	13443.7	13627.5	13770.6	13867.1	13923.7	13939.8	13937.0	13929.0
-20°	12467.3	12796.5	13068.2	13302.3	13499.4	13662.1	13786.9	13867.1	13921.1	13934.4	13942.3



REPORT NUMBER: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	12264.5	12601.9	12893.0	13142.0	13346.8	13518.3	13662.1	13770.6	13848.1	13896.6	13924.0
-25°	12034.9	12387.7	12684.3	12941.1	13163.4	13346.8	13499.4	13627.5	13722.3	13802.6	13848.8
-27.5°	11765.9	12125.0	12445.0	12712.1	12941.1	13142.0	13302.3	13443.7	13550.6	13644.3	13706.4
-30°	11468.8	11832.6	12155.3	12445.0	12684.3	12893.0	13068.2	13215.0	13337.4	13439.2	13511.5
-32.5°	11112.0	11501.3	11832.6	12125.0	12387.7	12601.9	12796.5	12946.8	13079.3	13186.1	13268.2
-35°	10719.3	11112.0	11468.8	11765.9	12034.9	12264.5	12467.3	12631.5	12777.5	12888.4	12976.8
-37.5°	10264.7	10677.9	11038.6	11362.6	11634.0	11877.9	12083.9	12261.9	12419.0	12535.4	12632.3
-40°	9767.3	10184.1	10554.6	10893.5	11178.0	11440.3	11648.3	11836.0	11996.1	12121.7	12225.9
-42.5°	9230.9	9639.3	10016.6	10351.9	10658.2	10925.3	11149.7	11351.6	11515.8	11647.5	11756.8
-45°	8634.9	9046.8	9428.7	9760.7	10070.4	10337.2	10577.3	10792.9	10960.8	11101.9	11218.7
-47.5°	7974.7	8401.0	8774.8	9116.8	9427.0	9692.1	9933.4	10147.0	10322.0	10471.9	10595.9
-50°	7251.5	7684.1	8059.1	8410.8	8714.6	8986.1	9232.9	9443.5	9618.5	9768.3	9892.0
-52.5°	6459.8	6877.8	7270.5	7629.2	7931.2	8208.6	8460.4	8667.3	8845.4	8997.5	9123.1
-55°	5621.2	6023.8	6402.9	6746.0	7060.1	7348.2	7603.8	7810.1	7990.8	8145.0	8272.2
-57.5°	4790.4	5149.7	5490.7	5816.1	6117.2	6393.2	6636.7	6849.7	7036.0	7195.0	7325.9
-60°	4006.4	4289.7	4595.2	4883.3	5149.7	5393.8	5621.2	5823.8	6000.9	6151.9	6276.2
-62.5°	3304.8	3539.3	3781.1	4006.4	4214.5	4419.9	4619.5	4797.2	4952.5	5084.7	5193.5
-65°	2739.7	2919.4	3088.0	3244.9	3391.5	3562.7	3717.3	3854.7	3974.7	4076.9	4160.9
-67.5°	2252.6	2386.7	2512.3	2629.2	2750.9	2868.8	2975.3	3069.9	3152.4	3222.7	3280.4
-70°	1836.1	1929.8	2017.5	2107.1	2202.1	2288.8	2367.0	2436.5	2497.1	2548.6	2591.0
-72.5°	1489.2	1551.3	1613.8	1684.7	1750.0	1809.5	1863.2	1910.9	1952.5	1987.8	2016.8
-75°	1202.7	1251.3	1300.9	1346.9	1389.3	1427.9	1462.7	1493.6	1520.5	1543.4	1562.2
-77.5°	945.4	984.1	1020.4	1054.0	1085.0	1113.2	1138.6	1161.2	1180.8	1197.5	1211.2
-80°	676.0	708.4	738.7	766.8	792.6	816.2	837.4	856.2	872.6	886.6	898.0
-82.5°	421.3	443.3	463.9	482.9	500.5	516.5	530.9	543.6	554.8	564.2	572.0
-85°	208.6	218.7	228.1	236.8	244.8	252.1	258.7	264.5	269.6	273.9	277.5
-87.5°	62.5	64.3	66.1	67.7	69.1	70.5	71.7	72.8	73.7	74.5	75.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-LAM-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°	75.6	76.0	76.2	76.3	76.2	76.0	75.6	75.1	74.5	73.7	72.8
85°	280.2	282.2	283.4	283.8	283.4	282.2	280.2	277.5	273.9	269.6	264.5
82.5°	578.0	582.3	584.9	585.8	584.9	582.3	578.0	572.0	564.2	554.8	543.6
80°	906.9	913.3	917.1	918.4	917.1	913.3	906.9	898.0	886.6	872.6	856.2
77.5°	1221.9	1229.6	1234.2	1235.7	1234.2	1229.6	1221.9	1211.2	1197.5	1180.8	1161.2
75°	1576.9	1587.4	1593.7	1595.8	1593.7	1587.4	1576.9	1562.2	1543.4	1520.5	1493.6
72.5°	2039.5	2055.7	2065.4	2068.7	2065.4	2055.7	2039.5	2016.8	1987.8	1952.5	1910.9
70°	2624.0	2647.7	2662.0	2666.7	2662.0	2647.7	2624.0	2591.0	2548.6	2497.1	2436.5
67.5°	3325.5	3357.8	3377.2	3383.7	3377.2	3357.8	3325.5	3280.4	3222.7	3152.4	3069.9
65°	4226.6	4273.6	4301.9	4311.3	4301.9	4273.6	4226.6	4160.9	4076.9	3974.7	3854.7
62.5°	5278.5	5339.4	5376.1	5388.3	5376.1	5339.4	5278.5	5193.5	5084.7	4952.5	4797.2
60°	6373.4	6443.0	6484.9	6498.9	6484.9	6443.0	6373.4	6276.2	6151.9	6000.9	5823.8
57.5°	7428.3	7501.8	7545.9	7560.7	7545.9	7501.8	7428.3	7325.9	7195.0	7036.0	6849.7
55°	8371.7	8443.2	8486.1	8500.5	8486.1	8443.2	8371.7	8272.2	8145.0	7990.8	7810.1
52.5°	9221.4	9292.0	9334.5	9348.7	9334.5	9292.0	9221.4	9123.1	8997.5	8845.4	8667.3
50°	9989.0	10058.6	10100.6	10114.6	10100.6	10058.6	9989.0	9892.0	9768.3	9618.5	9443.5
47.5°	10693.2	10763.2	10805.3	10819.4	10805.3	10763.2	10693.2	10595.9	10471.9	10322.0	10147.0
45°	11310.5	11376.5	11416.3	11429.6	11416.3	11376.5	11310.5	11218.7	11101.9	10960.8	10792.9
42.5°	11842.7	11904.6	11941.9	11954.4	11941.9	11904.6	11842.7	11756.8	11647.5	11515.8	11351.6
40°	12308.1	12367.3	12403.1	12415.1	12403.1	12367.3	12308.1	12225.9	12121.7	11996.1	11836.0
37.5°	12708.8	12764.1	12797.5	12808.7	12797.5	12764.1	12708.8	12632.3	12535.4	12419.0	12261.9
35°	13046.7	13097.3	13127.9	13138.2	13127.9	13097.3	13046.7	12976.8	12888.4	12777.5	12631.5
32.5°	13333.4	13380.7	13409.3	13418.9	13409.3	13380.7	13333.4	13268.2	13186.1	13079.3	12946.8
30°	13569.0	13610.8	13636.2	13644.7	13636.2	13610.8	13569.0	13511.5	13439.2	13337.4	13215.0
27.5°	13756.1	13792.3	13814.3	13821.7	13814.3	13792.3	13756.1	13706.4	13644.3	13550.6	13443.7
25°	13879.0	13901.2	13914.7	13919.3	13914.7	13901.2	13879.0	13848.8	13802.6	13722.3	13627.5
22.5°	13932.4	13938.6	13942.4	13943.7	13942.4	13938.6	13932.4	13924.0	13896.6	13848.1	13770.6
20°	13936.4	13932.1	13929.4	13928.5	13929.4	13932.1	13936.4	13942.3	13934.4	13921.1	13867.1
17.5°	13911.3	13897.4	13888.7	13885.8	13888.7	13897.4	13911.3	13929.0	13937.0	13939.8	13923.7
15°	13868.9	13848.3	13835.3	13830.9	13835.3	13848.3	13868.9	13893.7	13918.8	13935.1	13939.8
12.5°	13821.5	13798.7	13784.1	13779.0	13784.1	13798.7	13821.5	13851.9	13887.6	13918.8	13937.0
10°	13778.7	13759.5	13746.9	13742.4	13746.9	13759.5	13778.7	13812.3	13851.9	13893.7	13929.0
7.5°	13751.1	13733.9	13724.5	13721.0	13724.5	13733.9	13751.1	13778.7	13821.5	13868.9	13911.3
5°	13733.9	13716.8	13702.3	13696.6	13702.3	13716.8	13733.9	13759.5	13798.7	13848.3	13897.4
2.5°	13724.5	13702.3	13680.5	13669.1	13680.5	13702.3	13724.5	13746.9	13784.1	13835.3	13888.7
0°	13721.0	13696.6	13669.1	13672.2	13669.1	13696.6	13721.0	13742.4	13779.0	13830.9	13885.8
-2.5°	13724.5	13702.3	13680.5	13669.1	13680.5	13702.3	13724.5	13746.9	13784.1	13835.3	13888.7
-5°	13733.9	13716.8	13702.3	13696.6	13702.3	13716.8	13733.9	13759.5	13798.7	13848.3	13897.4
-7.5°	13751.1	13733.9	13724.5	13721.0	13724.5	13733.9	13751.1	13778.7	13821.5	13868.9	13911.3
-10°	13778.7	13759.5	13746.9	13742.4	13746.9	13759.5	13778.7	13812.3	13851.9	13893.7	13929.0
-12.5°	13821.5	13798.7	13784.1	13779.0	13784.1	13798.7	13821.5	13851.9	13887.6	13918.8	13937.0
-15°	13868.9	13848.3	13835.3	13830.9	13835.3	13848.3	13868.9	13893.7	13918.8	13935.1	13939.8
-17.5°	13911.3	13897.4	13888.7	13885.8	13888.7	13897.4	13911.3	13929.0	13937.0	13939.8	13923.7
-20°	13936.4	13932.1	13929.4	13928.5	13929.4	13932.1	13936.4	13942.3	13934.4	13921.1	13867.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13932.4	13938.6	13942.4	13943.7	13942.4	13938.6	13932.4	13924.0	13896.6	13848.1	13770.6
-25°	13879.0	13901.2	13914.7	13919.3	13914.7	13901.2	13879.0	13848.8	13802.6	13722.3	13627.5
-27.5°	13756.1	13792.3	13814.3	13821.7	13814.3	13792.3	13756.1	13706.4	13644.3	13550.6	13443.7
-30°	13569.0	13610.8	13636.2	13644.7	13636.2	13610.8	13569.0	13511.5	13439.2	13337.4	13215.0
-32.5°	13333.4	13380.7	13409.3	13418.9	13409.3	13380.7	13333.4	13268.2	13186.1	13079.3	12946.8
-35°	13046.7	13097.3	13127.9	13138.2	13127.9	13097.3	13046.7	12976.8	12888.4	12777.5	12631.5
-37.5°	12708.8	12764.1	12797.5	12808.7	12797.5	12764.1	12708.8	12632.3	12535.4	12419.0	12261.9
-40°	12308.1	12367.3	12403.1	12415.1	12403.1	12367.3	12308.1	12225.9	12121.7	11996.1	11836.0
-42.5°	11842.7	11904.6	11941.9	11954.4	11941.9	11904.6	11842.7	11756.8	11647.5	11515.8	11351.6
-45°	11310.5	11376.5	11416.3	11429.6	11416.3	11376.5	11310.5	11218.7	11101.9	10960.8	10792.9
-47.5°	10693.2	10763.2	10805.3	10819.4	10805.3	10763.2	10693.2	10595.9	10471.9	10322.0	10147.0
-50°	9989.0	10058.6	10100.6	10114.6	10100.6	10058.6	9989.0	9892.0	9768.3	9618.5	9443.5
-52.5°	9221.4	9292.0	9334.5	9348.7	9334.5	9292.0	9221.4	9123.1	8997.5	8845.4	8667.3
-55°	8371.7	8443.2	8486.1	8500.5	8486.1	8443.2	8371.7	8272.2	8145.0	7990.8	7810.1
-57.5°	7428.3	7501.8	7545.9	7560.7	7545.9	7501.8	7428.3	7325.9	7195.0	7036.0	6849.7
-60°	6373.4	6443.0	6484.9	6498.9	6484.9	6443.0	6373.4	6276.2	6151.9	6000.9	5823.8
-62.5°	5278.5	5339.4	5376.1	5388.3	5376.1	5339.4	5278.5	5193.5	5084.7	4952.5	4797.2
-65°	4226.6	4273.6	4301.9	4311.3	4301.9	4273.6	4226.6	4160.9	4076.9	3974.7	3854.7
-67.5°	3325.5	3357.8	3377.2	3383.7	3377.2	3357.8	3325.5	3280.4	3222.7	3152.4	3069.9
-70°	2624.0	2647.7	2662.0	2666.7	2662.0	2647.7	2624.0	2591.0	2548.6	2497.1	2436.5
-72.5°	2039.5	2055.7	2065.4	2068.7	2065.4	2055.7	2039.5	2016.8	1987.8	1952.5	1910.9
-75°	1576.9	1587.4	1593.7	1595.8	1593.7	1587.4	1576.9	1562.2	1543.4	1520.5	1493.6
-77.5°	1221.9	1229.6	1234.2	1235.7	1234.2	1229.6	1221.9	1211.2	1197.5	1180.8	1161.2
-80°	906.9	913.3	917.1	918.4	917.1	913.3	906.9	898.0	886.6	872.6	856.2
-82.5°	578.0	582.3	584.9	585.8	584.9	582.3	578.0	572.0	564.2	554.8	543.6
-85°	280.2	282.2	283.4	283.8	283.4	282.2	280.2	277.5	273.9	269.6	264.5
-87.5°	75.6	76.0	76.2	76.3	76.2	76.0	75.6	75.1	74.5	73.7	72.8
-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: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-LAM-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°	71.7	70.5	69.1	67.7	66.1	64.3	62.5	60.5	58.4	56.2	53.9
85°	258.7	252.1	244.8	236.8	228.1	218.7	208.6	197.9	186.5	174.6	162.1
82.5°	530.9	516.5	500.5	482.9	463.9	443.3	421.3	397.8	373.0	346.9	319.5
80°	837.4	816.2	792.6	766.8	738.7	708.4	676.0	641.5	605.0	568.4	531.8
77.5°	1138.6	1113.2	1085.0	1054.0	1020.4	984.1	945.4	903.4	857.7	809.6	759.2
75°	1462.7	1427.9	1389.3	1346.9	1300.9	1251.3	1202.7	1153.1	1100.6	1045.4	987.6
72.5°	1863.2	1809.5	1750.0	1684.7	1613.8	1551.3	1489.2	1423.2	1353.5	1280.2	1207.3
70°	2367.0	2288.8	2202.1	2107.1	2017.5	1929.8	1836.1	1736.6	1631.5	1539.0	1451.1
67.5°	2975.3	2868.8	2750.9	2629.2	2512.3	2386.7	2252.6	2110.4	1983.0	1858.4	1728.2
65°	3717.3	3562.7	3391.5	3244.9	3088.0	2919.4	2739.7	2568.6	2401.1	2225.3	2047.5
62.5°	4619.5	4419.9	4214.5	4006.4	3781.1	3539.3	3304.8	3093.9	2871.8	2643.6	2441.1
60°	5621.2	5393.8	5149.7	4883.3	4595.2	4289.7	4006.4	3706.7	3391.5	3134.7	2868.8
57.5°	6636.7	6393.2	6117.2	5816.1	5490.7	5149.7	4790.4	4410.8	4053.5	3694.3	3334.7
55°	7603.8	7348.2	7060.1	6746.0	6402.9	6023.8	5621.2	5202.2	4770.0	4318.6	3913.3
52.5°	8460.4	8208.6	7931.2	7629.2	7270.5	6877.8	6459.8	6000.9	5520.2	5030.0	4525.3
50°	9232.9	8986.1	8714.6	8410.8	8059.1	7684.1	7251.5	6779.6	6276.2	5738.6	5187.6
47.5°	9933.4	9692.1	9427.0	9116.8	8774.8	8401.0	7974.7	7522.7	6994.5	6443.0	5848.6
45°	10577.3	10337.2	10070.4	9760.7	9428.7	9046.8	8634.9	8171.2	7672.6	7102.8	6498.9
42.5°	11149.7	10925.3	10658.2	10351.9	10016.6	9639.3	9230.9	8771.1	8270.3	7721.4	7102.8
40°	11648.3	11440.3	11178.0	10893.5	10554.6	10184.1	9767.3	9323.8	8816.7	8270.3	7672.6
37.5°	12083.9	11877.9	11634.0	11362.6	11038.6	10677.9	10264.7	9810.3	9323.8	8771.1	8171.2
35°	12467.3	12264.5	12034.9	11765.9	11468.8	11112.0	10719.3	10264.7	9767.3	9230.9	8634.9
32.5°	12796.5	12601.9	12387.7	12125.0	11832.6	11501.3	11112.0	10677.9	10184.1	9639.3	9046.8
30°	13068.2	12893.0	12684.3	12445.0	12155.3	11832.6	11468.8	11038.6	10554.6	10016.6	9428.7
27.5°	13302.3	13142.0	12941.1	12712.1	12445.0	12125.0	11765.9	11362.6	10893.5	10351.9	9760.7
25°	13499.4	13346.8	13163.4	12941.1	12684.3	12387.7	12034.9	11634.0	11178.0	10658.2	10070.4
22.5°	13662.1	13518.3	13346.8	13142.0	12893.0	12601.9	12264.5	11877.9	11440.3	10925.3	10337.2
20°	13786.9	13662.1	13499.4	13302.3	13068.2	12796.5	12467.3	12083.9	11648.3	11149.7	10577.3
17.5°	13867.1	13770.6	13627.5	13443.7	13215.0	12946.8	12631.5	12261.9	11836.0	11351.6	10792.9
15°	13921.1	13848.1	13722.3	13550.6	13337.4	13079.3	12777.5	12419.0	11996.1	11515.8	10960.8
12.5°	13934.4	13896.6	13802.6	13644.3	13439.2	13186.1	12888.4	12535.4	12121.7	11647.5	11101.9
10°	13942.3	13924.0	13848.8	13706.4	13511.5	13268.2	12976.8	12632.3	12225.9	11756.8	11218.7
7.5°	13936.4	13932.4	13879.0	13756.1	13569.0	13333.4	13046.7	12708.8	12308.1	11842.7	11310.5
5°	13932.1	13938.6	13901.2	13792.3	13610.8	13380.7	13097.3	12764.1	12367.3	11904.6	11376.5
2.5°	13929.4	13942.4	13914.7	13814.3	13636.2	13409.3	13127.9	12797.5	12403.1	11941.9	11416.3
0°	13928.5	13943.7	13919.3	13821.7	13644.7	13418.9	13138.2	12808.7	12415.1	11954.4	11429.6
-2.5°	13929.4	13942.4	13914.7	13814.3	13636.2	13409.3	13127.9	12797.5	12403.1	11941.9	11416.3
-5°	13932.1	13938.6	13901.2	13792.3	13610.8	13380.7	13097.3	12764.1	12367.3	11904.6	11376.5
-7.5°	13936.4	13932.4	13879.0	13756.1	13569.0	13333.4	13046.7	12708.8	12308.1	11842.7	11310.5
-10°	13942.3	13924.0	13848.8	13706.4	13511.5	13268.2	12976.8	12632.3	12225.9	11756.8	11218.7
-12.5°	13934.4	13896.6	13802.6	13644.3	13439.2	13186.1	12888.4	12535.4	12121.7	11647.5	11101.9
-15°	13921.1	13848.1	13722.3	13550.6	13337.4	13079.3	12777.5	12419.0	11996.1	11515.8	10960.8
-17.5°	13867.1	13770.6	13627.5	13443.7	13215.0	12946.8	12631.5	12261.9	11836.0	11351.6	10792.9
-20°	13786.9	13662.1	13499.4	13302.3	13068.2	12796.5	12467.3	12083.9	11648.3	11149.7	10577.3



REPORT NUMBER: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13662.1	13518.3	13346.8	13142.0	12893.0	12601.9	12264.5	11877.9	11440.3	10925.3	10337.2
-25°	13499.4	13346.8	13163.4	12941.1	12684.3	12387.7	12034.9	11634.0	11178.0	10658.2	10070.4
-27.5°	13302.3	13142.0	12941.1	12712.1	12445.0	12125.0	11765.9	11362.6	10893.5	10351.9	9760.7
-30°	13068.2	12893.0	12684.3	12445.0	12155.3	11832.6	11468.8	11038.6	10554.6	10016.6	9428.7
-32.5°	12796.5	12601.9	12387.7	12125.0	11832.6	11501.3	11112.0	10677.9	10184.1	9639.3	9046.8
-35°	12467.3	12264.5	12034.9	11765.9	11468.8	11112.0	10719.3	10264.7	9767.3	9230.9	8634.9
-37.5°	12083.9	11877.9	11634.0	11362.6	11038.6	10677.9	10264.7	9810.3	9323.8	8771.1	8171.2
-40°	11648.3	11440.3	11178.0	10893.5	10554.6	10184.1	9767.3	9323.8	8816.7	8270.3	7672.6
-42.5°	11149.7	10925.3	10658.2	10351.9	10016.6	9639.3	9230.9	8771.1	8270.3	7721.4	7102.8
-45°	10577.3	10337.2	10070.4	9760.7	9428.7	9046.8	8634.9	8171.2	7672.6	7102.8	6498.9
-47.5°	9933.4	9692.1	9427.0	9116.8	8774.8	8401.0	7974.7	7522.7	6994.5	6443.0	5848.6
-50°	9232.9	8986.1	8714.6	8410.8	8059.1	7684.1	7251.5	6779.6	6276.2	5738.6	5187.6
-52.5°	8460.4	8208.6	7931.2	7629.2	7270.5	6877.8	6459.8	6000.9	5520.2	5030.0	4525.3
-55°	7603.8	7348.2	7060.1	6746.0	6402.9	6023.8	5621.2	5202.2	4770.0	4318.6	3913.3
-57.5°	6636.7	6393.2	6117.2	5816.1	5490.7	5149.7	4790.4	4410.8	4053.5	3694.3	3334.7
-60°	5621.2	5393.8	5149.7	4883.3	4595.2	4289.7	4006.4	3706.7	3391.5	3134.7	2868.8
-62.5°	4619.5	4419.9	4214.5	4006.4	3781.1	3539.3	3304.8	3093.9	2871.8	2643.6	2441.1
-65°	3717.3	3562.7	3391.5	3244.9	3088.0	2919.4	2739.7	2568.6	2401.1	2225.3	2047.5
-67.5°	2975.3	2868.8	2750.9	2629.2	2512.3	2386.7	2252.6	2110.4	1983.0	1858.4	1728.2
-70°	2367.0	2288.8	2202.1	2107.1	2017.5	1929.8	1836.1	1736.6	1631.5	1539.0	1451.1
-72.5°	1863.2	1809.5	1750.0	1684.7	1613.8	1551.3	1489.2	1423.2	1353.5	1280.2	1207.3
-75°	1462.7	1427.9	1389.3	1346.9	1300.9	1251.3	1202.7	1153.1	1100.6	1045.4	987.6
-77.5°	1138.6	1113.2	1085.0	1054.0	1020.4	984.1	945.4	903.4	857.7	809.6	759.2
-80°	837.4	816.2	792.6	766.8	738.7	708.4	676.0	641.5	605.0	568.4	531.8
-82.5°	530.9	516.5	500.5	482.9	463.9	443.3	421.3	397.8	373.0	346.9	319.5
-85°	258.7	252.1	244.8	236.8	228.1	218.7	208.6	197.9	186.5	174.6	162.1
-87.5°	71.7	70.5	69.1	67.7	66.1	64.3	62.5	60.5	58.4	56.2	53.9
-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: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-LAM-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°	51.5	49.0	46.4	43.8	41.0	38.1	35.2	32.2	29.2	26.1	22.9
85°	149.0	135.4	121.2	106.6	91.6	76.2	70.4	64.4	58.3	52.1	45.8
82.5°	290.9	268.3	247.1	225.2	202.6	179.4	155.6	131.3	106.4	81.2	68.7
80°	493.7	454.0	412.8	370.3	326.5	282.2	250.5	218.1	185.1	151.4	117.2
77.5°	706.6	651.9	595.3	541.3	486.5	430.3	372.7	313.8	263.1	221.2	178.5
75°	927.3	862.1	794.0	723.8	651.5	578.0	508.9	438.4	366.5	293.3	239.3
72.5°	1136.9	1063.7	987.9	909.3	825.0	738.4	649.8	561.8	478.0	392.9	306.5
70°	1359.5	1264.5	1174.4	1085.1	993.2	898.0	796.9	693.7	588.6	491.3	392.9
67.5°	1593.4	1486.3	1375.6	1261.6	1155.2	1049.3	941.0	826.2	708.3	588.6	478.0
65°	1896.5	1740.1	1582.6	1455.9	1325.7	1197.5	1077.4	955.0	826.2	693.7	561.8
62.5°	2230.6	2024.4	1846.5	1663.5	1504.3	1357.9	1211.7	1077.4	941.0	796.9	649.8
60°	2605.1	2367.0	2121.5	1910.9	1706.3	1520.5	1357.9	1197.5	1049.3	898.0	738.4
57.5°	3035.0	2725.3	2449.5	2176.3	1932.4	1706.3	1504.3	1325.7	1155.2	993.2	825.0
55°	3494.7	3135.5	2791.9	2477.1	2176.3	1910.9	1663.5	1455.9	1261.6	1085.1	909.3
52.5°	4045.9	3582.5	3169.2	2791.9	2449.5	2121.5	1846.5	1582.6	1375.6	1174.4	987.9
50°	4629.4	4090.3	3582.5	3135.5	2725.3	2367.0	2024.4	1740.1	1486.3	1264.5	1063.7
47.5°	5240.3	4629.4	4045.9	3494.7	3035.0	2605.1	2230.6	1896.5	1593.4	1359.5	1136.9
45°	5848.6	5187.6	4525.3	3913.3	3334.7	2868.8	2441.1	2047.5	1728.2	1451.1	1207.3
42.5°	6443.0	5738.6	5030.0	4318.6	3694.3	3134.7	2643.6	2225.3	1858.4	1539.0	1280.2
40°	6994.5	6276.2	5520.2	4770.0	4053.5	3391.5	2871.8	2401.1	1983.0	1631.5	1353.5
37.5°	7522.7	6779.6	6000.9	5202.2	4410.8	3706.7	3093.9	2568.6	2110.4	1736.6	1423.2
35°	7974.7	7251.5	6459.8	5621.2	4790.4	4006.4	3304.8	2739.7	2252.6	1836.1	1489.2
32.5°	8401.0	7684.1	6877.8	6023.8	5149.7	4289.7	3539.3	2919.4	2386.7	1929.8	1551.3
30°	8774.8	8059.1	7270.5	6402.9	5490.7	4595.2	3781.1	3088.0	2512.3	2017.5	1613.8
27.5°	9116.8	8410.8	7629.2	6746.0	5816.1	4883.3	4006.4	3244.9	2629.2	2107.1	1684.7
25°	9427.0	8714.6	7931.2	7060.1	6117.2	5149.7	4214.5	3391.5	2750.9	2202.1	1750.0
22.5°	9692.1	8986.1	8208.6	7348.2	6393.2	5393.8	4419.9	3562.7	2868.8	2288.8	1809.5
20°	9933.4	9232.9	8460.4	7603.8	6636.7	5621.2	4619.5	3717.3	2975.3	2367.0	1863.2
17.5°	10147.0	9443.5	8667.3	7810.1	6849.7	5823.8	4797.2	3854.7	3069.9	2436.5	1910.9
15°	10322.0	9618.5	8845.4	7990.8	7036.0	6000.9	4952.5	3974.7	3152.4	2497.1	1952.5
12.5°	10471.9	9768.3	8997.5	8145.0	7195.0	6151.9	5084.7	4076.9	3222.7	2548.6	1987.8
10°	10595.9	9892.0	9123.1	8272.2	7325.9	6276.2	5193.5	4160.9	3280.4	2591.0	2016.8
7.5°	10693.2	9989.0	9221.4	8371.7	7428.3	6373.4	5278.5	4226.6	3325.5	2624.0	2039.5
5°	10763.2	10058.6	9292.0	8443.2	7501.8	6443.0	5339.4	4273.6	3357.8	2647.7	2055.7
2.5°	10805.3	10100.6	9334.5	8486.1	7545.9	6484.9	5376.1	4301.9	3377.2	2662.0	2065.4
0°	10819.4	10114.6	9348.7	8500.5	7560.7	6498.9	5388.3	4311.3	3383.7	2666.7	2068.7
-2.5°	10805.3	10100.6	9334.5	8486.1	7545.9	6484.9	5376.1	4301.9	3377.2	2662.0	2065.4
-5°	10763.2	10058.6	9292.0	8443.2	7501.8	6443.0	5339.4	4273.6	3357.8	2647.7	2055.7
-7.5°	10693.2	9989.0	9221.4	8371.7	7428.3	6373.4	5278.5	4226.6	3325.5	2624.0	2039.5
-10°	10595.9	9892.0	9123.1	8272.2	7325.9	6276.2	5193.5	4160.9	3280.4	2591.0	2016.8
-12.5°	10471.9	9768.3	8997.5	8145.0	7195.0	6151.9	5084.7	4076.9	3222.7	2548.6	1987.8
-15°	10322.0	9618.5	8845.4	7990.8	7036.0	6000.9	4952.5	3974.7	3152.4	2497.1	1952.5
-17.5°	10147.0	9443.5	8667.3	7810.1	6849.7	5823.8	4797.2	3854.7	3069.9	2436.5	1910.9
-20°	9933.4	9232.9	8460.4	7603.8	6636.7	5621.2	4619.5	3717.3	2975.3	2367.0	1863.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	9692.1	8986.1	8208.6	7348.2	6393.2	5393.8	4419.9	3562.7	2868.8	2288.8	1809.5
-25°	9427.0	8714.6	7931.2	7060.1	6117.2	5149.7	4214.5	3391.5	2750.9	2202.1	1750.0
-27.5°	9116.8	8410.8	7629.2	6746.0	5816.1	4883.3	4006.4	3244.9	2629.2	2107.1	1684.7
-30°	8774.8	8059.1	7270.5	6402.9	5490.7	4595.2	3781.1	3088.0	2512.3	2017.5	1613.8
-32.5°	8401.0	7684.1	6877.8	6023.8	5149.7	4289.7	3539.3	2919.4	2386.7	1929.8	1551.3
-35°	7974.7	7251.5	6459.8	5621.2	4790.4	4006.4	3304.8	2739.7	2252.6	1836.1	1489.2
-37.5°	7522.7	6779.6	6000.9	5202.2	4410.8	3706.7	3093.9	2568.6	2110.4	1736.6	1423.2
-40°	6994.5	6276.2	5520.2	4770.0	4053.5	3391.5	2871.8	2401.1	1983.0	1631.5	1353.5
-42.5°	6443.0	5738.6	5030.0	4318.6	3694.3	3134.7	2643.6	2225.3	1858.4	1539.0	1280.2
-45°	5848.6	5187.6	4525.3	3913.3	3334.7	2868.8	2441.1	2047.5	1728.2	1451.1	1207.3
-47.5°	5240.3	4629.4	4045.9	3494.7	3035.0	2605.1	2230.6	1896.5	1593.4	1359.5	1136.9
-50°	4629.4	4090.3	3582.5	3135.5	2725.3	2367.0	2024.4	1740.1	1486.3	1264.5	1063.7
-52.5°	4045.9	3582.5	3169.2	2791.9	2449.5	2121.5	1846.5	1582.6	1375.6	1174.4	987.9
-55°	3494.7	3135.5	2791.9	2477.1	2176.3	1910.9	1663.5	1455.9	1261.6	1085.1	909.3
-57.5°	3035.0	2725.3	2449.5	2176.3	1932.4	1706.3	1504.3	1325.7	1155.2	993.2	825.0
-60°	2605.1	2367.0	2121.5	1910.9	1706.3	1520.5	1357.9	1197.5	1049.3	898.0	738.4
-62.5°	2230.6	2024.4	1846.5	1663.5	1504.3	1357.9	1211.7	1077.4	941.0	796.9	649.8
-65°	1896.5	1740.1	1582.6	1455.9	1325.7	1197.5	1077.4	955.0	826.2	693.7	561.8
-67.5°	1593.4	1486.3	1375.6	1261.6	1155.2	1049.3	941.0	826.2	708.3	588.6	478.0
-70°	1359.5	1264.5	1174.4	1085.1	993.2	898.0	796.9	693.7	588.6	491.3	392.9
-72.5°	1136.9	1063.7	987.9	909.3	825.0	738.4	649.8	561.8	478.0	392.9	306.5
-75°	927.3	862.1	794.0	723.8	651.5	578.0	508.9	438.4	366.5	293.3	239.3
-77.5°	706.6	651.9	595.3	541.3	486.5	430.3	372.7	313.8	263.1	221.2	178.5
-80°	493.7	454.0	412.8	370.3	326.5	282.2	250.5	218.1	185.1	151.4	117.2
-82.5°	290.9	268.3	247.1	225.2	202.6	179.4	155.6	131.3	106.4	81.2	68.7
-85°	149.0	135.4	121.2	106.6	91.6	76.2	70.4	64.4	58.3	52.1	45.8
-87.5°	51.5	49.0	46.4	43.8	41.0	38.1	35.2	32.2	29.2	26.1	22.9
-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: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-LAM-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°	19.7	16.5	13.2	10.0	6.6	3.3	0.0
85°	39.4	33.0	26.5	19.9	13.3	6.6	0.0
82.5°	59.1	49.4	39.6	29.8	19.9	10.0	0.0
80°	82.6	65.7	52.7	39.6	26.5	13.2	0.0
77.5°	135.3	91.7	65.7	49.4	33.0	16.5	0.0
75°	187.6	135.3	82.6	59.1	39.4	19.7	0.0
72.5°	239.3	178.5	117.2	68.7	45.8	22.9	0.0
70°	293.3	221.2	151.4	81.2	52.1	26.1	0.0
67.5°	366.5	263.1	185.1	106.4	58.3	29.2	0.0
65°	438.4	313.8	218.1	131.3	64.4	32.2	0.0
62.5°	508.9	372.7	250.5	155.6	70.4	35.2	0.0
60°	578.0	430.3	282.2	179.4	76.2	38.1	0.0
57.5°	651.5	486.5	326.5	202.6	91.6	41.0	0.0
55°	723.8	541.3	370.3	225.2	106.6	43.8	0.0
52.5°	794.0	595.3	412.8	247.1	121.2	46.4	0.0
50°	862.1	651.9	454.0	268.3	135.4	49.0	0.0
47.5°	927.3	706.6	493.7	290.9	149.0	51.5	0.0
45°	987.6	759.2	531.8	319.5	162.1	53.9	0.0
42.5°	1045.4	809.6	568.4	346.9	174.6	56.2	0.0
40°	1100.6	857.7	605.0	373.0	186.5	58.4	0.0
37.5°	1153.1	903.4	641.5	397.8	197.9	60.5	0.0
35°	1202.7	945.4	676.0	421.3	208.6	62.5	0.0
32.5°	1251.3	984.1	708.4	443.3	218.7	64.3	0.0
30°	1300.9	1020.4	738.7	463.9	228.1	66.1	0.0
27.5°	1346.9	1054.0	766.8	482.9	236.8	67.7	0.0
25°	1389.3	1085.0	792.6	500.5	244.8	69.1	0.0
22.5°	1427.9	1113.2	816.2	516.5	252.1	70.5	0.0
20°	1462.7	1138.6	837.4	530.9	258.7	71.7	0.0
17.5°	1493.6	1161.2	856.2	543.6	264.5	72.8	0.0
15°	1520.5	1180.8	872.6	554.8	269.6	73.7	0.0
12.5°	1543.4	1197.5	886.6	564.2	273.9	74.5	0.0
10°	1562.2	1211.2	898.0	572.0	277.5	75.1	0.0
7.5°	1576.9	1221.9	906.9	578.0	280.2	75.6	0.0
5°	1587.4	1229.6	913.3	582.3	282.2	76.0	0.0
2.5°	1593.7	1234.2	917.1	584.9	283.4	76.2	0.0
0°	1595.8	1235.7	918.4	585.8	283.8	76.3	0.0
-2.5°	1593.7	1234.2	917.1	584.9	283.4	76.2	0.0
-5°	1587.4	1229.6	913.3	582.3	282.2	76.0	0.0
-7.5°	1576.9	1221.9	906.9	578.0	280.2	75.6	0.0
-10°	1562.2	1211.2	898.0	572.0	277.5	75.1	0.0
-12.5°	1543.4	1197.5	886.6	564.2	273.9	74.5	0.0
-15°	1520.5	1180.8	872.6	554.8	269.6	73.7	0.0
-17.5°	1493.6	1161.2	856.2	543.6	264.5	72.8	0.0
-20°	1462.7	1138.6	837.4	530.9	258.7	71.7	0.0

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Scaled Data Report



REPORT NUMBER: P645586 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1427.9	1113.2	816.2	516.5	252.1	70.5	0.0
-25°	1389.3	1085.0	792.6	500.5	244.8	69.1	0.0
-27.5°	1346.9	1054.0	766.8	482.9	236.8	67.7	0.0
-30°	1300.9	1020.4	738.7	463.9	228.1	66.1	0.0
-32.5°	1251.3	984.1	708.4	443.3	218.7	64.3	0.0
-35°	1202.7	945.4	676.0	421.3	208.6	62.5	0.0
-37.5°	1153.1	903.4	641.5	397.8	197.9	60.5	0.0
-40°	1100.6	857.7	605.0	373.0	186.5	58.4	0.0
-42.5°	1045.4	809.6	568.4	346.9	174.6	56.2	0.0
-45°	987.6	759.2	531.8	319.5	162.1	53.9	0.0
-47.5°	927.3	706.6	493.7	290.9	149.0	51.5	0.0
-50°	862.1	651.9	454.0	268.3	135.4	49.0	0.0
-52.5°	794.0	595.3	412.8	247.1	121.2	46.4	0.0
-55°	723.8	541.3	370.3	225.2	106.6	43.8	0.0
-57.5°	651.5	486.5	326.5	202.6	91.6	41.0	0.0
-60°	578.0	430.3	282.2	179.4	76.2	38.1	0.0
-62.5°	508.9	372.7	250.5	155.6	70.4	35.2	0.0
-65°	438.4	313.8	218.1	131.3	64.4	32.2	0.0
-67.5°	366.5	263.1	185.1	106.4	58.3	29.2	0.0
-70°	293.3	221.2	151.4	81.2	52.1	26.1	0.0
-72.5°	239.3	178.5	117.2	68.7	45.8	22.9	0.0
-75°	187.6	135.3	82.6	59.1	39.4	19.7	0.0
-77.5°	135.3	91.7	65.7	49.4	33.0	16.5	0.0
-80°	82.6	65.7	52.7	39.6	26.5	13.2	0.0
-82.5°	59.1	49.4	39.6	29.8	19.9	10.0	0.0
-85°	39.4	33.0	26.5	19.9	13.3	6.6	0.0
-87.5°	19.7	16.5	13.2	10.0	6.6	3.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)