

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: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-727-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627855 (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-727-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N135
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

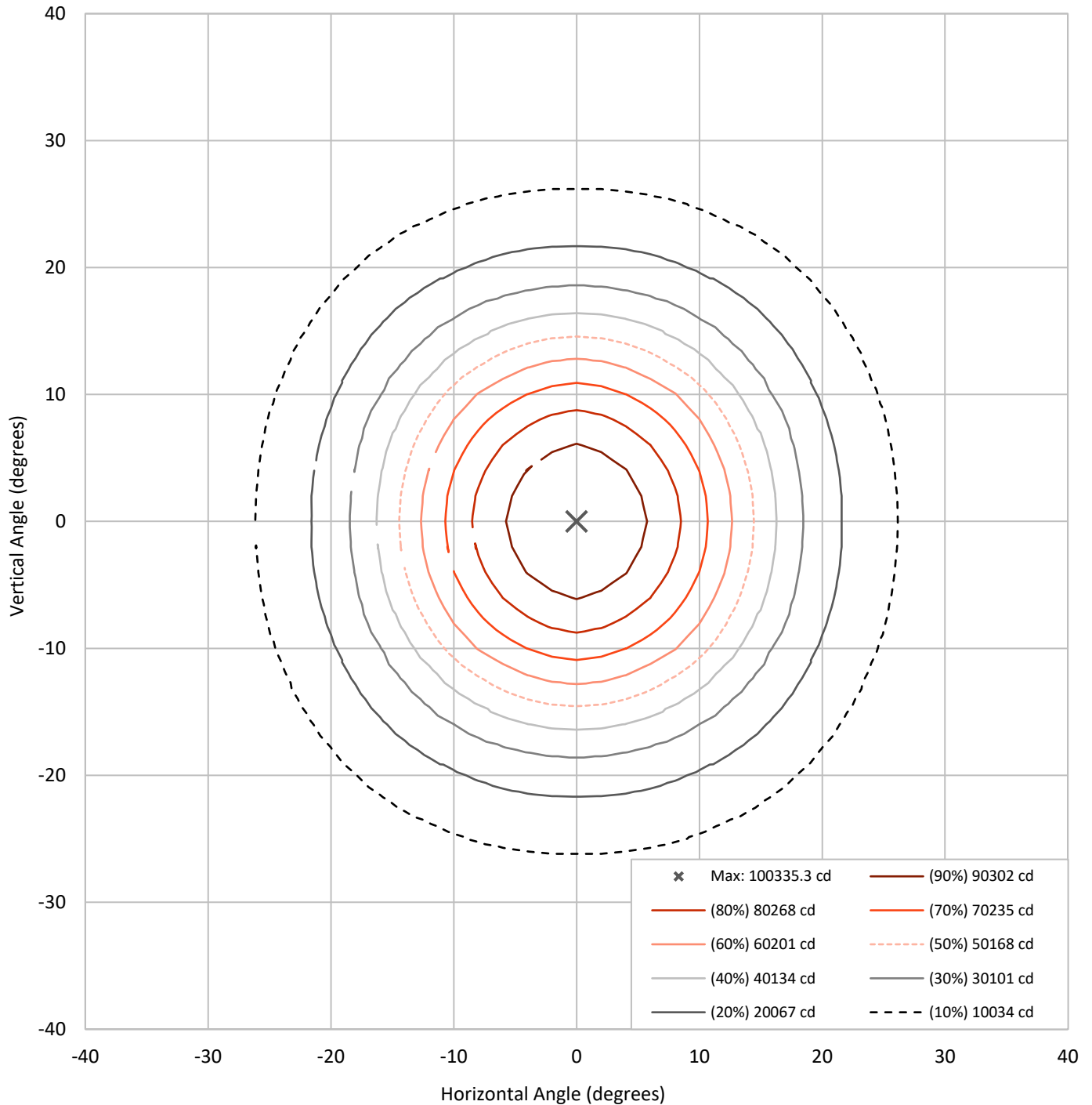
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	31348.2 lumens	Max Intensity:	100335.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.7 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:	15241.1 lumens	Field Lumens:	25720.7 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





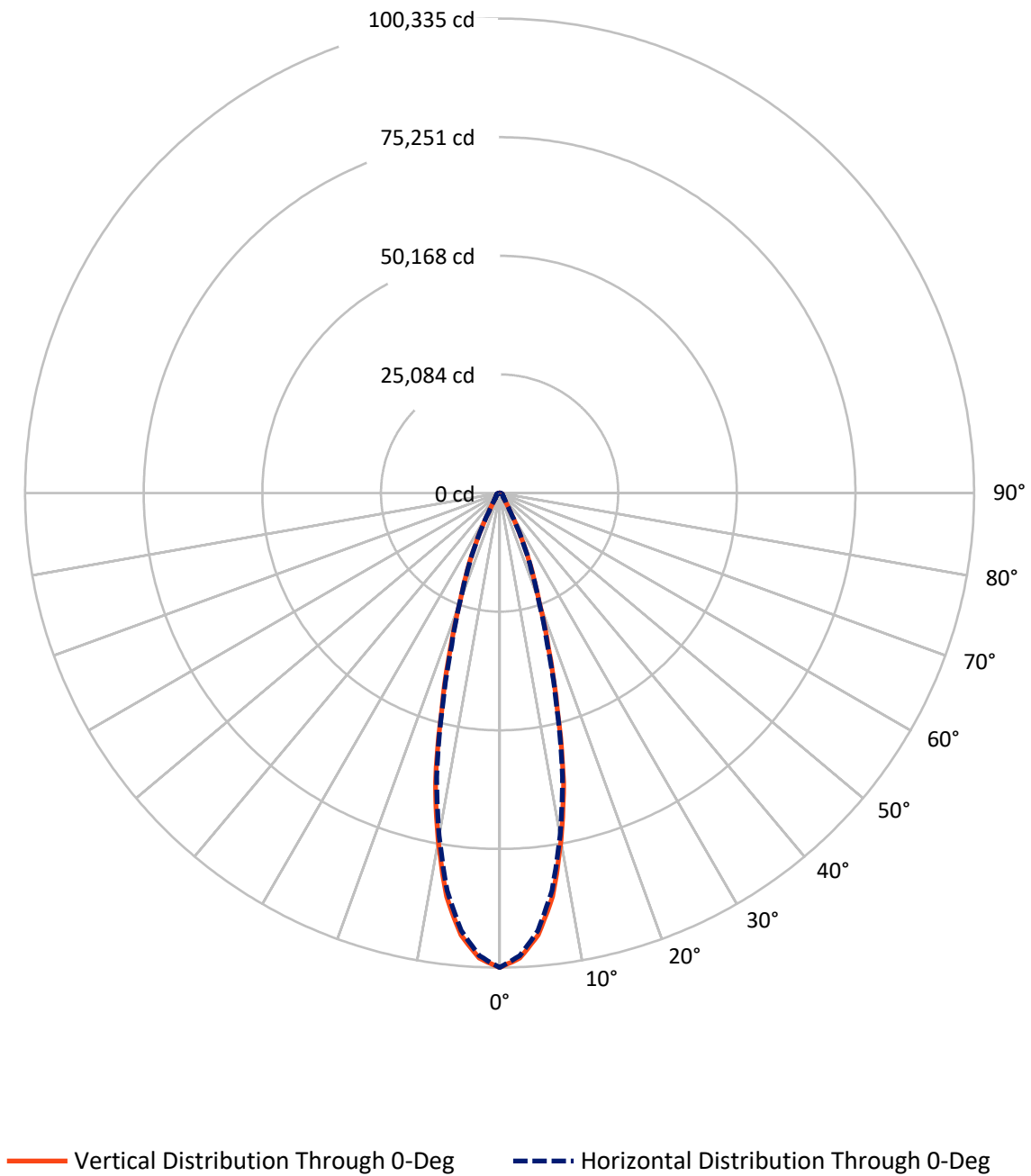
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Lumen Table

90	0.6	5.2	13.6	21.5	23.9	21.5	13.6	5.2	0.6										
80	0.6	5.2	13.6	21.5	23.9	21.5	13.6	5.2	0.6										
70	2.3	2.7	5.4	8.9	12.4	15.2	16.9	17.8	17.8	16.9	15.2	12.4	8.9	5.4	2.7	2.3			
60		4.0	8.1	13.1	17.5	21.6	24.2	25.1	25.1	24.2	21.6	17.5	13.1	8.1	4.0				
50	4.1	5.1	10.4	16.1	21.5	27.2	31.9	34.3	34.3	31.9	27.2	21.5	16.1	10.4	5.1	4.1			
40		6.1	12.2	18.6	26.3	37.5	54.3	70.6	70.6	54.3	37.5	26.3	18.6	12.2	6.1				
30	5.3	6.8	13.3	21.0	33.7	73.3	206.3	365.9	365.9	206.3	73.3	33.7	21.0	13.3	6.8	5.3			
20		7.3	14.0	22.8	45.9	192.4	685.7	1314.0	1314.0	685.7	192.4	45.9	22.8	14.0	7.3				
10	5.7	7.6	14.2	24.0	58.3	332.1	1269.2	2496.6	2496.6	1269.2	332.1	58.3	24.0	14.2	7.6	5.7			
0		7.6	14.2	24.0	58.3	332.1	1269.2	2496.6	2496.6	1269.2	332.1	58.3	24.0	14.2	7.6				
-10	5.3	7.3	14.0	22.8	45.9	192.4	685.7	1314.0	1314.0	685.7	192.4	45.9	22.8	14.0	7.3	5.3			
-20		6.8	13.3	21.0	33.7	73.3	206.3	365.9	365.9	206.3	73.3	33.7	21.0	13.3	6.8				
-30	4.1	6.1	12.2	18.6	26.3	37.5	54.3	70.6	70.6	54.3	37.5	26.3	18.6	12.2	6.1	4.1			
-40		5.1	10.4	16.1	21.5	27.2	31.9	34.3	34.3	31.9	27.2	21.5	16.1	10.4	5.1				
-50	2.3	4.0	8.1	13.1	17.5	21.6	24.2	25.1	25.1	24.2	21.6	17.5	13.1	8.1	4.0	2.3			
-60		2.7	5.4	8.9	12.4	15.2	16.9	17.8	17.8	16.9	15.2	12.4	8.9	5.4	2.7				
-70	0.6	5.2	13.6	21.5	23.9	21.5	13.6	5.2	0.6										
-80		0.6	5.2	13.6	21.5	23.9	21.5	13.6	5.2	0.6									
-90	0.6	5.2	13.6	21.5	23.9	21.5	13.6	5.2	0.6										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

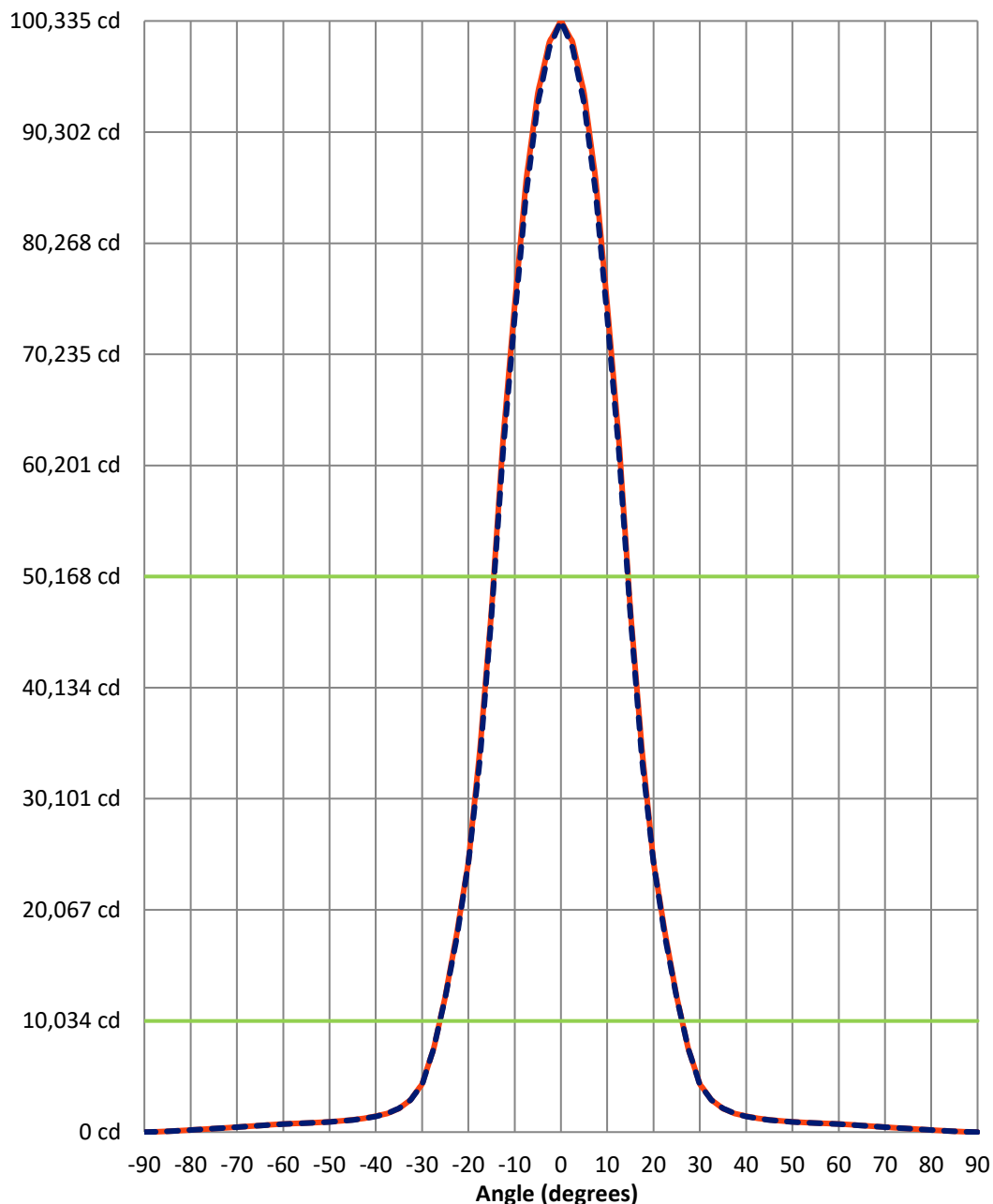
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 15241.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 25720.7
 Efficiency: 82.0%

Spill:
 Lumens: 5627.5
 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	1.1	2.2	3.4	4.5	5.6	6.7	7.8	8.8	9.9	10.9
85°	0.0	2.2	4.5	6.7	8.9	11.2	13.3	15.5	17.6	19.7	21.8
82.5°	0.0	3.4	6.7	10.1	13.4	16.7	20.0	23.2	26.9	33.0	39.4
80°	0.0	4.5	8.9	13.4	17.8	22.2	27.2	35.0	43.2	51.8	60.8
77.5°	0.0	5.6	11.2	16.7	22.2	29.1	38.6	48.6	59.3	70.4	82.7
75°	0.0	6.7	13.3	20.0	27.2	38.6	49.9	62.1	75.5	91.1	106.5
72.5°	0.0	7.8	15.5	23.2	34.7	48.0	61.1	76.3	94.4	112.3	129.9
70°	0.0	8.8	17.6	26.9	42.1	57.2	72.6	92.7	113.1	133.3	155.3
67.5°	0.0	9.9	19.7	32.3	49.4	66.3	86.7	108.9	131.6	156.4	180.7
65°	0.0	10.9	21.8	37.7	56.6	76.6	100.5	124.8	151.8	179.0	206.4
62.5°	0.0	11.9	23.8	43.0	63.6	87.9	114.0	141.6	171.5	201.4	232.7
60°	0.0	12.9	25.8	48.2	70.5	98.9	127.3	158.5	190.9	224.1	258.3
57.5°	0.0	13.9	29.1	53.2	79.0	109.7	141.2	175.1	210.0	246.1	283.6
55°	0.0	14.8	32.4	58.1	87.4	120.2	154.8	191.1	228.6	267.5	308.5
52.5°	0.0	15.7	35.5	62.8	95.6	130.5	167.9	206.7	246.5	289.3	332.7
50°	0.0	16.6	38.6	67.4	103.5	140.9	180.5	221.8	264.0	310.3	355.0
47.5°	0.0	17.4	41.6	72.2	111.1	150.9	192.6	236.3	282.0	330.6	376.2
45°	0.0	18.2	44.4	77.7	118.4	160.3	204.5	250.3	299.4	348.5	396.2
42.5°	0.0	19.0	47.1	82.9	125.4	169.3	215.9	264.2	315.9	365.3	414.6
40°	0.0	19.8	49.7	87.9	132.2	177.8	226.8	277.8	331.0	381.1	431.9
37.5°	0.0	20.5	52.2	92.5	138.6	185.8	237.2	290.5	344.4	396.3	448.4
35°	0.0	21.1	54.5	96.8	144.7	193.7	246.9	302.3	357.1	410.6	463.8
32.5°	0.0	21.8	56.7	100.8	150.3	201.3	256.1	313.2	368.9	424.0	478.8
30°	0.0	22.3	58.7	104.4	155.5	208.3	264.9	323.2	379.9	436.4	492.7
27.5°	0.0	22.9	60.6	107.8	160.2	214.9	272.8	331.9	390.0	447.9	505.6
25°	0.0	23.4	62.3	110.7	164.5	220.8	280.0	339.9	399.2	458.3	517.3
22.5°	0.0	23.8	63.9	113.4	168.5	226.2	286.4	347.1	407.5	467.7	529.1
20°	0.0	24.2	65.4	115.7	172.2	230.9	292.0	353.5	414.8	476.1	539.5
17.5°	0.0	24.6	66.6	117.7	175.5	234.9	297.2	359.0	421.2	483.3	548.6
15°	0.0	24.9	67.7	119.3	178.4	238.2	301.9	364.2	426.6	489.5	556.3
12.5°	0.0	25.2	68.7	120.7	180.9	240.9	305.9	369.0	431.7	494.5	562.7
10°	0.0	25.4	69.4	121.6	183.0	242.9	309.3	372.9	436.2	500.5	568.6
7.5°	0.0	25.6	70.0	122.3	184.6	244.2	312.0	376.0	439.8	505.8	575.1
5°	0.0	25.7	70.5	122.6	185.8	245.0	314.0	378.2	442.4	510.1	580.2
2.5°	0.0	25.8	70.7	122.7	186.6	245.1	315.2	379.6	443.9	513.2	583.9
0°	0.0	25.8	70.8	122.4	186.8	244.7	315.6	380.0	444.4	515.2	586.1
-2.5°	0.0	25.8	70.7	122.7	186.6	245.1	315.2	379.6	443.9	513.2	583.9
-5°	0.0	25.7	70.5	122.6	185.8	245.0	314.0	378.2	442.4	510.1	580.2
-7.5°	0.0	25.6	70.0	122.3	184.6	244.2	312.0	376.0	439.8	505.8	575.1
-10°	0.0	25.4	69.4	121.6	183.0	242.9	309.3	372.9	436.2	500.5	568.6
-12.5°	0.0	25.2	68.7	120.7	180.9	240.9	305.9	369.0	431.7	494.5	562.7
-15°	0.0	24.9	67.7	119.3	178.4	238.2	301.9	364.2	426.6	489.5	556.3
-17.5°	0.0	24.6	66.6	117.7	175.5	234.9	297.2	359.0	421.2	483.3	548.6
-20°	0.0	24.2	65.4	115.7	172.2	230.9	292.0	353.5	414.8	476.1	539.5

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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	23.8	63.9	113.4	168.5	226.2	286.4	347.1	407.5	467.7	529.1
-25°	0.0	23.4	62.3	110.7	164.5	220.8	280.0	339.9	399.2	458.3	517.3
-27.5°	0.0	22.9	60.6	107.8	160.2	214.9	272.8	331.9	390.0	447.9	505.6
-30°	0.0	22.3	58.7	104.4	155.5	208.3	264.9	323.2	379.9	436.4	492.7
-32.5°	0.0	21.8	56.7	100.8	150.3	201.3	256.1	313.2	368.9	424.0	478.8
-35°	0.0	21.1	54.5	96.8	144.7	193.7	246.9	302.3	357.1	410.6	463.8
-37.5°	0.0	20.5	52.2	92.5	138.6	185.8	237.2	290.5	344.4	396.3	448.4
-40°	0.0	19.8	49.7	87.9	132.2	177.8	226.8	277.8	331.0	381.1	431.9
-42.5°	0.0	19.0	47.1	82.9	125.4	169.3	215.9	264.2	315.9	365.3	414.6
-45°	0.0	18.2	44.4	77.7	118.4	160.3	204.5	250.3	299.4	348.5	396.2
-47.5°	0.0	17.4	41.6	72.2	111.1	150.9	192.6	236.3	282.0	330.6	376.2
-50°	0.0	16.6	38.6	67.4	103.5	140.9	180.5	221.8	264.0	310.3	355.0
-52.5°	0.0	15.7	35.5	62.8	95.6	130.5	167.9	206.7	246.5	289.3	332.7
-55°	0.0	14.8	32.4	58.1	87.4	120.2	154.8	191.1	228.6	267.5	308.5
-57.5°	0.0	13.9	29.1	53.2	79.0	109.7	141.2	175.1	210.0	246.1	283.6
-60°	0.0	12.9	25.8	48.2	70.5	98.9	127.3	158.5	190.9	224.1	258.3
-62.5°	0.0	11.9	23.8	43.0	63.6	87.9	114.0	141.6	171.5	201.4	232.7
-65°	0.0	10.9	21.8	37.7	56.6	76.6	100.5	124.8	151.8	179.0	206.4
-67.5°	0.0	9.9	19.7	32.3	49.4	66.3	86.7	108.9	131.6	156.4	180.7
-70°	0.0	8.8	17.6	26.9	42.1	57.2	72.6	92.7	113.1	133.3	155.3
-72.5°	0.0	7.8	15.5	23.2	34.7	48.0	61.1	76.3	94.4	112.3	129.9
-75°	0.0	6.7	13.3	20.0	27.2	38.6	49.9	62.1	75.5	91.1	106.5
-77.5°	0.0	5.6	11.2	16.7	22.2	29.1	38.6	48.6	59.3	70.4	82.7
-80°	0.0	4.5	8.9	13.4	17.8	22.2	27.2	35.0	43.2	51.8	60.8
-82.5°	0.0	3.4	6.7	10.1	13.4	16.7	20.0	23.2	26.9	33.0	39.4
-85°	0.0	2.2	4.5	6.7	8.9	11.2	13.3	15.5	17.6	19.7	21.8
-87.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.7	7.8	8.8	9.9	10.9
-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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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°	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.0	19.8	20.5
85°	23.8	25.8	29.6	33.3	37.0	40.5	43.8	47.1	50.2	53.2	56.0
82.5°	45.5	51.4	57.1	62.7	68.2	73.4	78.5	83.4	88.1	92.5	96.7
80°	69.0	76.9	84.8	92.1	99.3	106.3	113.1	119.6	125.8	132.5	139.6
77.5°	94.0	104.0	113.2	121.6	130.6	141.6	152.2	162.4	172.1	181.4	190.3
75°	119.7	131.1	143.7	156.1	169.1	182.3	195.1	207.4	219.4	231.7	244.0
72.5°	146.7	162.3	177.5	192.3	208.6	224.6	239.3	252.6	267.8	284.5	299.8
70°	175.4	193.5	212.6	231.5	250.0	267.8	286.0	304.3	322.8	340.7	357.9
67.5°	204.3	226.9	249.0	270.5	291.5	312.8	334.4	356.5	377.8	398.2	418.0
65°	235.0	260.3	285.0	309.1	332.4	358.5	384.1	408.7	435.7	460.8	482.5
62.5°	264.9	293.2	320.5	347.7	376.1	405.0	434.6	465.6	497.8	520.9	540.8
60°	293.6	325.5	356.0	387.2	418.9	451.4	485.5	518.6	547.9	573.2	594.2
57.5°	321.7	357.4	391.2	425.1	459.7	496.7	534.2	567.9	595.3	619.7	642.7
55°	348.8	388.5	424.4	460.4	499.8	543.2	581.5	612.0	640.0	660.2	682.2
52.5°	374.7	417.1	454.7	495.1	540.1	585.1	623.3	652.9	676.4	697.3	718.7
50°	399.5	442.1	483.8	529.7	577.3	622.4	661.1	688.3	711.9	733.6	754.3
47.5°	421.9	466.2	513.3	562.4	612.1	656.7	693.8	721.5	746.0	768.3	791.1
45°	443.1	490.7	540.7	594.5	645.4	689.6	723.3	753.2	776.7	801.8	830.3
42.5°	463.3	514.1	568.5	625.8	677.8	718.2	750.9	779.5	806.7	836.9	868.6
40°	483.1	536.1	594.9	655.1	708.1	743.2	775.9	806.2	837.5	871.7	906.4
37.5°	501.6	558.6	619.6	682.5	730.4	766.8	800.6	834.4	869.5	906.4	949.4
35°	518.7	579.2	643.2	704.0	750.0	789.8	826.0	862.6	901.9	947.0	994.5
32.5°	535.3	598.0	665.2	722.2	768.0	810.4	850.4	891.8	936.8	986.4	1040.7
30°	551.5	616.4	684.4	740.7	783.9	827.3	874.3	920.3	970.4	1025.5	1089.2
27.5°	567.3	633.5	700.5	755.3	797.9	842.1	892.4	948.4	1003.1	1063.5	1137.4
25°	581.8	651.0	716.4	766.9	810.0	856.2	908.7	968.5	1032.8	1104.6	1195.1
22.5°	595.5	666.9	731.4	776.7	820.0	868.5	925.1	988.2	1058.2	1141.4	1251.9
20°	608.3	679.2	741.5	785.8	828.3	878.4	939.2	1005.7	1085.6	1186.4	1318.6
17.5°	619.5	689.6	748.4	793.2	837.1	888.6	951.3	1020.5	1110.3	1226.1	1382.6
15°	629.1	698.2	754.4	798.9	844.5	899.1	963.6	1039.0	1137.3	1265.0	1437.8
12.5°	637.0	704.9	759.4	803.0	850.2	906.8	974.2	1056.9	1164.4	1307.4	1512.3
10°	643.1	709.7	763.4	805.5	854.3	912.0	982.4	1070.9	1186.3	1342.9	1576.2
7.5°	649.2	714.0	766.2	806.6	856.7	914.6	988.2	1080.7	1202.3	1369.5	1627.0
5°	653.5	718.1	767.8	809.0	858.2	915.7	992.1	1086.5	1212.3	1387.1	1663.0
2.5°	656.1	720.5	767.8	810.8	858.3	916.2	996.7	1089.6	1223.4	1401.9	1683.5
0°	656.9	721.3	766.4	811.5	856.6	914.5	998.3	1088.4	1230.1	1410.5	1687.4
-2.5°	656.1	720.5	767.8	810.8	858.3	916.2	996.7	1089.6	1223.4	1401.9	1683.5
-5°	653.5	718.1	767.8	809.0	858.2	915.7	992.1	1086.5	1212.3	1387.1	1663.0
-7.5°	649.2	714.0	766.2	806.6	856.7	914.6	988.2	1080.7	1202.3	1369.5	1627.0
-10°	643.1	709.7	763.4	805.5	854.3	912.0	982.4	1070.9	1186.3	1342.9	1576.2
-12.5°	637.0	704.9	759.4	803.0	850.2	906.8	974.2	1056.9	1164.4	1307.4	1512.3
-15°	629.1	698.2	754.4	798.9	844.5	899.1	963.6	1039.0	1137.3	1265.0	1437.8
-17.5°	619.5	689.6	748.4	793.2	837.1	888.6	951.3	1020.5	1110.3	1226.1	1382.6
-20°	608.3	679.2	741.5	785.8	828.3	878.4	939.2	1005.7	1085.6	1186.4	1318.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	595.5	666.9	731.4	776.7	820.0	868.5	925.1	988.2	1058.2	1141.4	1251.9
-25°	581.8	651.0	716.4	766.9	810.0	856.2	908.7	968.5	1032.8	1104.6	1195.1
-27.5°	567.3	633.5	700.5	755.3	797.9	842.1	892.4	948.4	1003.1	1063.5	1137.4
-30°	551.5	616.4	684.4	740.7	783.9	827.3	874.3	920.3	970.4	1025.5	1089.2
-32.5°	535.3	598.0	665.2	722.2	768.0	810.4	850.4	891.8	936.8	986.4	1040.7
-35°	518.7	579.2	643.2	704.0	750.0	789.8	826.0	862.6	901.9	947.0	994.5
-37.5°	501.6	558.6	619.6	682.5	730.4	766.8	800.6	834.4	869.5	906.4	949.4
-40°	483.1	536.1	594.9	655.1	708.1	743.2	775.9	806.2	837.5	871.7	906.4
-42.5°	463.3	514.1	568.5	625.8	677.8	718.2	750.9	779.5	806.7	836.9	868.6
-45°	443.1	490.7	540.7	594.5	645.4	689.6	723.3	753.2	776.7	801.8	830.3
-47.5°	421.9	466.2	513.3	562.4	612.1	656.7	693.8	721.5	746.0	768.3	791.1
-50°	399.5	442.1	483.8	529.7	577.3	622.4	661.1	688.3	711.9	733.6	754.3
-52.5°	374.7	417.1	454.7	495.1	540.1	585.1	623.3	652.9	676.4	697.3	718.7
-55°	348.8	388.5	424.4	460.4	499.8	543.2	581.5	612.0	640.0	660.2	682.2
-57.5°	321.7	357.4	391.2	425.1	459.7	496.7	534.2	567.9	595.3	619.7	642.7
-60°	293.6	325.5	356.0	387.2	418.9	451.4	485.5	518.6	547.9	573.2	594.2
-62.5°	264.9	293.2	320.5	347.7	376.1	405.0	434.6	465.6	497.8	520.9	540.8
-65°	235.0	260.3	285.0	309.1	332.4	358.5	384.1	408.7	435.7	460.8	482.5
-67.5°	204.3	226.9	249.0	270.5	291.5	312.8	334.4	356.5	377.8	398.2	418.0
-70°	175.4	193.5	212.6	231.5	250.0	267.8	286.0	304.3	322.8	340.7	357.9
-72.5°	146.7	162.3	177.5	192.3	208.6	224.6	239.3	252.6	267.8	284.5	299.8
-75°	119.7	131.1	143.7	156.1	169.1	182.3	195.1	207.4	219.4	231.7	244.0
-77.5°	94.0	104.0	113.2	121.6	130.6	141.6	152.2	162.4	172.1	181.4	190.3
-80°	69.0	76.9	84.8	92.1	99.3	106.3	113.1	119.6	125.8	132.5	139.6
-82.5°	45.5	51.4	57.1	62.7	68.2	73.4	78.5	83.4	88.1	92.5	96.7
-85°	23.8	25.8	29.6	33.3	37.0	40.5	43.8	47.1	50.2	53.2	56.0
-87.5°	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.0	19.8	20.5
-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: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	21.1	21.8	22.3	22.9	23.4	23.8	24.2	24.6	24.9	25.2	25.4
85°	58.6	61.1	63.5	65.6	67.6	68.1	68.3	68.1	67.8	68.7	69.4
82.5°	100.7	105.3	109.8	114.3	118.8	120.4	121.6	122.4	122.9	124.7	126.1
80°	146.3	153.4	160.0	165.9	171.2	174.9	178.3	181.5	184.4	185.7	186.3
77.5°	199.2	207.9	216.0	223.5	230.4	235.9	240.4	243.9	246.6	248.4	249.6
75°	256.2	267.2	276.9	286.0	294.3	300.1	304.1	307.1	309.1	311.3	313.0
72.5°	313.7	326.2	337.7	348.6	358.2	364.9	369.7	373.5	376.4	378.5	379.6
70°	374.2	389.1	401.8	412.8	421.4	427.9	433.0	437.1	440.2	442.4	443.5
67.5°	436.8	452.8	464.7	474.3	482.1	488.9	495.2	499.9	503.0	506.0	509.3
65°	500.7	516.9	529.1	539.3	547.4	556.3	564.4	570.4	574.4	578.1	581.7
62.5°	560.6	579.0	593.2	606.5	619.9	632.5	639.9	645.6	649.6	653.2	657.4
60°	615.2	636.0	653.3	669.4	685.8	702.3	709.1	714.4	719.4	724.1	728.4
57.5°	663.6	685.7	706.8	722.7	738.4	753.8	764.4	770.3	774.2	776.3	778.1
55°	705.7	727.8	748.8	767.2	784.2	800.0	811.8	817.5	821.8	824.5	826.1
52.5°	743.4	767.1	789.6	810.0	828.3	845.4	860.1	868.0	874.4	878.9	880.3
50°	780.5	806.1	830.5	852.2	873.6	894.0	912.8	923.7	931.3	936.0	937.5
47.5°	819.2	847.0	873.3	898.5	922.8	947.1	969.3	984.2	995.2	1003.3	1009.1
45°	859.5	889.4	918.5	948.3	976.2	1007.4	1035.6	1057.3	1073.3	1087.1	1098.2
42.5°	900.0	933.6	967.1	1005.4	1043.6	1079.1	1112.6	1141.3	1167.5	1193.1	1213.1
40°	944.2	980.9	1026.7	1072.2	1119.2	1160.5	1209.4	1253.3	1293.5	1337.0	1372.9
37.5°	992.3	1039.6	1093.9	1148.3	1209.5	1268.8	1337.2	1404.6	1463.1	1539.2	1600.3
35°	1044.8	1104.7	1168.8	1241.8	1320.7	1413.8	1509.5	1621.8	1717.0	1838.0	1949.7
32.5°	1103.3	1173.7	1256.9	1357.3	1463.8	1613.3	1753.5	1943.8	2106.5	2316.4	2545.6
30°	1162.8	1253.7	1366.9	1496.6	1676.6	1888.8	2136.1	2457.9	2805.9	3166.0	3650.7
27.5°	1233.3	1351.4	1492.7	1692.9	1962.2	2255.9	2759.8	3303.9	4061.9	4662.0	5730.7
25°	1309.2	1455.4	1664.1	1954.3	2326.5	2920.8	3771.4	4756.3	6273.0	7622.2	9172.6
22.5°	1399.2	1597.8	1874.0	2254.0	2902.9	3925.4	5253.1	7275.6	9524.1	11743.2	13771.5
20°	1494.4	1734.3	2120.6	2739.5	3742.3	5220.8	7589.6	10479.8	13464.7	16506.0	19068.9
17.5°	1605.6	1931.3	2440.2	3262.2	4693.0	7224.3	10388.2	14063.2	17962.9	21843.7	25214.6
15°	1701.2	2103.6	2788.9	4020.0	6153.7	9319.9	13208.5	17849.9	22753.9	27790.3	33248.8
12.5°	1823.1	2311.2	3148.1	4646.6	7449.7	11565.0	16323.1	21711.8	27700.2	34387.4	42897.1
10°	1935.0	2529.0	3620.6	5650.5	9007.6	13662.2	19013.3	25127.1	32894.6	42943.7	53208.4
7.5°	2024.6	2701.7	3987.0	6433.8	10314.1	15453.8	21435.7	28765.8	38456.5	50422.6	62150.7
5°	2086.9	2821.4	4249.2	7025.8	11365.0	16823.0	23154.8	31448.2	43144.5	56544.4	68519.6
2.5°	2126.1	2886.9	4377.6	7377.2	12050.4	17647.0	24227.3	33152.9	46017.8	60441.4	72565.9
0°	2144.7	2898.2	4295.8	7548.2	12146.6	17588.8	24325.5	33722.0	46699.5	61499.6	73575.4
-2.5°	2126.1	2886.9	4377.6	7377.2	12050.4	17647.0	24227.3	33152.9	46017.8	60441.4	72565.9
-5°	2086.9	2821.4	4249.2	7025.8	11365.0	16823.0	23154.8	31448.2	43144.5	56544.4	68519.6
-7.5°	2024.6	2701.7	3987.0	6433.8	10314.1	15453.8	21435.7	28765.8	38456.5	50422.6	62150.7
-10°	1935.0	2529.0	3620.6	5650.5	9007.6	13662.2	19013.3	25127.1	32894.6	42943.7	53208.4
-12.5°	1823.1	2311.2	3148.1	4646.6	7449.7	11565.0	16323.1	21711.8	27700.2	34387.4	42897.1
-15°	1701.2	2103.6	2788.9	4020.0	6153.7	9319.9	13208.5	17849.9	22753.9	27790.3	33248.8
-17.5°	1605.6	1931.3	2440.2	3262.2	4693.0	7224.3	10388.2	14063.2	17962.9	21843.7	25214.6
-20°	1494.4	1734.3	2120.6	2739.5	3742.3	5220.8	7589.6	10479.8	13464.7	16506.0	19068.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1399.2	1597.8	1874.0	2254.0	2902.9	3925.4	5253.1	7275.6	9524.1	11743.2	13771.5
-25°	1309.2	1455.4	1664.1	1954.3	2326.5	2920.8	3771.4	4756.3	6273.0	7622.2	9172.6
-27.5°	1233.3	1351.4	1492.7	1692.9	1962.2	2255.9	2759.8	3303.9	4061.9	4662.0	5730.7
-30°	1162.8	1253.7	1366.9	1496.6	1676.6	1888.8	2136.1	2457.9	2805.9	3166.0	3650.7
-32.5°	1103.3	1173.7	1256.9	1357.3	1463.8	1613.3	1753.5	1943.8	2106.5	2316.4	2545.6
-35°	1044.8	1104.7	1168.8	1241.8	1320.7	1413.8	1509.5	1621.8	1717.0	1838.0	1949.7
-37.5°	992.3	1039.6	1093.9	1148.3	1209.5	1268.8	1337.2	1404.6	1463.1	1539.2	1600.3
-40°	944.2	980.9	1026.7	1072.2	1119.2	1160.5	1209.4	1253.3	1293.5	1337.0	1372.9
-42.5°	900.0	933.6	967.1	1005.4	1043.6	1079.1	1112.6	1141.3	1167.5	1193.1	1213.1
-45°	859.5	889.4	918.5	948.3	976.2	1007.4	1035.6	1057.3	1073.3	1087.1	1098.2
-47.5°	819.2	847.0	873.3	898.5	922.8	947.1	969.3	984.2	995.2	1003.3	1009.1
-50°	780.5	806.1	830.5	852.2	873.6	894.0	912.8	923.7	931.3	936.0	937.5
-52.5°	743.4	767.1	789.6	810.0	828.3	845.4	860.1	868.0	874.4	878.9	880.3
-55°	705.7	727.8	748.8	767.2	784.2	800.0	811.8	817.5	821.8	824.5	826.1
-57.5°	663.6	685.7	706.8	722.7	738.4	753.8	764.4	770.3	774.2	776.3	778.1
-60°	615.2	636.0	653.3	669.4	685.8	702.3	709.1	714.4	719.4	724.1	728.4
-62.5°	560.6	579.0	593.2	606.5	619.9	632.5	639.9	645.6	649.6	653.2	657.4
-65°	500.7	516.9	529.1	539.3	547.4	556.3	564.4	570.4	574.4	578.1	581.7
-67.5°	436.8	452.8	464.7	474.3	482.1	488.9	495.2	499.9	503.0	506.0	509.3
-70°	374.2	389.1	401.8	412.8	421.4	427.9	433.0	437.1	440.2	442.4	443.5
-72.5°	313.7	326.2	337.7	348.6	358.2	364.9	369.7	373.5	376.4	378.5	379.6
-75°	256.2	267.2	276.9	286.0	294.3	300.1	304.1	307.1	309.1	311.3	313.0
-77.5°	199.2	207.9	216.0	223.5	230.4	235.9	240.4	243.9	246.6	248.4	249.6
-80°	146.3	153.4	160.0	165.9	171.2	174.9	178.3	181.5	184.4	185.7	186.3
-82.5°	100.7	105.3	109.8	114.3	118.8	120.4	121.6	122.4	122.9	124.7	126.1
-85°	58.6	61.1	63.5	65.6	67.6	68.1	68.3	68.1	67.8	68.7	69.4
-87.5°	21.1	21.8	22.3	22.9	23.4	23.8	24.2	24.6	24.9	25.2	25.4
-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: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	25.6	25.7	25.8	25.8	25.8	25.7	25.6	25.4	25.2	24.9	24.6
85°	70.0	70.5	70.7	70.8	70.7	70.5	70.0	69.4	68.7	67.8	68.1
82.5°	127.3	128.1	128.6	128.8	128.6	128.1	127.3	126.1	124.7	122.9	122.4
80°	186.4	186.0	186.6	186.8	186.6	186.0	186.4	186.3	185.7	184.4	181.5
77.5°	250.1	250.0	250.9	251.2	250.9	250.0	250.1	249.6	248.4	246.6	243.9
75°	314.0	314.2	315.2	315.6	315.2	314.2	314.0	313.0	311.3	309.1	307.1
72.5°	379.6	378.5	379.6	380.0	379.6	378.5	379.6	379.6	378.5	376.4	373.5
70°	443.6	442.8	446.9	450.8	446.9	442.8	443.6	443.5	442.4	440.2	437.1
67.5°	511.6	512.9	517.5	521.7	517.5	512.9	511.6	509.3	506.0	503.0	499.9
65°	583.6	583.9	588.2	592.5	588.2	583.9	583.6	581.7	578.1	574.4	570.4
62.5°	659.9	660.7	665.3	669.8	665.3	660.7	659.9	657.4	653.2	649.6	645.6
60°	730.9	731.6	733.3	734.2	733.3	731.6	730.9	728.4	724.1	719.4	714.4
57.5°	778.7	778.0	778.7	779.3	778.7	778.0	778.7	778.1	776.3	774.2	770.3
55°	825.8	823.7	821.2	817.9	821.2	823.7	825.8	826.1	824.5	821.8	817.5
52.5°	879.1	875.7	872.7	869.5	872.7	875.7	879.1	880.3	878.9	874.4	868.0
50°	936.6	933.6	930.6	927.4	930.6	933.6	936.6	937.5	936.0	931.3	923.7
47.5°	1013.1	1014.4	1013.8	1011.1	1013.8	1014.4	1013.1	1009.1	1003.3	995.2	984.2
45°	1106.0	1109.8	1110.2	1107.8	1110.2	1109.8	1106.0	1098.2	1087.1	1073.3	1057.3
42.5°	1227.2	1235.4	1239.9	1243.0	1239.9	1235.4	1227.2	1213.1	1193.1	1167.5	1141.3
40°	1399.1	1415.7	1426.3	1436.2	1426.3	1415.7	1399.1	1372.9	1337.0	1293.5	1253.3
37.5°	1645.6	1675.8	1689.3	1681.0	1689.3	1675.8	1645.6	1600.3	1539.2	1463.1	1404.6
35°	2035.7	2093.0	2122.9	2125.3	2122.9	2093.0	2035.7	1949.7	1838.0	1717.0	1621.8
32.5°	2715.1	2832.6	2895.8	2904.6	2895.8	2832.6	2715.1	2545.6	2316.4	2106.5	1943.8
30°	4021.7	4261.4	4374.0	4347.3	4374.0	4261.4	4021.7	3650.7	3166.0	2805.9	2457.9
27.5°	6561.5	7159.3	7513.6	7541.7	7513.6	7159.3	6561.5	5730.7	4662.0	4061.9	3303.9
25°	10545.8	11566.3	12219.8	12230.4	12219.8	11566.3	10545.8	9172.6	7622.2	6273.0	4756.3
22.5°	15647.0	17040.1	17803.3	17936.6	17803.3	17040.1	15647.0	13771.5	11743.2	9524.1	7275.6
20°	21557.0	23410.1	24401.6	24402.8	24401.6	23410.1	21557.0	19068.9	16506.0	13464.7	10479.8
17.5°	28835.4	31844.5	33733.4	34546.4	33733.4	31844.5	28835.4	25214.6	21843.7	17962.9	14063.2
15°	38504.9	43561.4	46591.4	47137.4	46591.4	43561.4	38504.9	33248.8	27790.3	22753.9	17849.9
12.5°	50278.6	56677.7	60979.2	62555.8	60979.2	56677.7	50278.6	42897.1	34387.4	27700.2	21711.8
10°	62571.3	68500.5	73108.8	74657.4	73108.8	68500.5	62571.3	53208.4	42943.7	32894.6	25127.1
7.5°	71451.9	78522.2	83713.0	85992.5	83713.0	78522.2	71451.9	62150.7	50422.6	38456.5	28765.8
5°	78462.2	86828.1	91660.1	93804.7	91660.1	86828.1	78462.2	68519.6	56544.4	43144.5	31448.2
2.5°	83061.8	91328.1	96445.0	98422.5	96445.0	91328.1	83061.8	72565.9	60441.4	46017.8	33152.9
0°	84781.7	92864.4	97920.2	100335.3	97920.2	92864.4	84781.7	73575.4	61499.6	46699.5	33722.0
-2.5°	83061.8	91328.1	96445.0	98422.5	96445.0	91328.1	83061.8	72565.9	60441.4	46017.8	33152.9
-5°	78462.2	86828.1	91660.1	93804.7	91660.1	86828.1	78462.2	68519.6	56544.4	43144.5	31448.2
-7.5°	71451.9	78522.2	83713.0	85992.5	83713.0	78522.2	71451.9	62150.7	50422.6	38456.5	28765.8
-10°	62571.3	68500.5	73108.8	74657.4	73108.8	68500.5	62571.3	53208.4	42943.7	32894.6	25127.1
-12.5°	50278.6	56677.7	60979.2	62555.8	60979.2	56677.7	50278.6	42897.1	34387.4	27700.2	21711.8
-15°	38504.9	43561.4	46591.4	47137.4	46591.4	43561.4	38504.9	33248.8	27790.3	22753.9	17849.9
-17.5°	28835.4	31844.5	33733.4	34546.4	33733.4	31844.5	28835.4	25214.6	21843.7	17962.9	14063.2
-20°	21557.0	23410.1	24401.6	24402.8	24401.6	23410.1	21557.0	19068.9	16506.0	13464.7	10479.8



REPORT NUMBER: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	15647.0	17040.1	17803.3	17936.6	17803.3	17040.1	15647.0	13771.5	11743.2	9524.1	7275.6
-25°	10545.8	11566.3	12219.8	12230.4	12219.8	11566.3	10545.8	9172.6	7622.2	6273.0	4756.3
-27.5°	6561.5	7159.3	7513.6	7541.7	7513.6	7159.3	6561.5	5730.7	4662.0	4061.9	3303.9
-30°	4021.7	4261.4	4374.0	4347.3	4374.0	4261.4	4021.7	3650.7	3166.0	2805.9	2457.9
-32.5°	2715.1	2832.6	2895.8	2904.6	2895.8	2832.6	2715.1	2545.6	2316.4	2106.5	1943.8
-35°	2035.7	2093.0	2122.9	2125.3	2122.9	2093.0	2035.7	1949.7	1838.0	1717.0	1621.8
-37.5°	1645.6	1675.8	1689.3	1681.0	1689.3	1675.8	1645.6	1600.3	1539.2	1463.1	1404.6
-40°	1399.1	1415.7	1426.3	1436.2	1426.3	1415.7	1399.1	1372.9	1337.0	1293.5	1253.3
-42.5°	1227.2	1235.4	1239.9	1243.0	1239.9	1235.4	1227.2	1213.1	1193.1	1167.5	1141.3
-45°	1106.0	1109.8	1110.2	1107.8	1110.2	1109.8	1106.0	1098.2	1087.1	1073.3	1057.3
-47.5°	1013.1	1014.4	1013.8	1011.1	1013.8	1014.4	1013.1	1009.1	1003.3	995.2	984.2
-50°	936.6	933.6	930.6	927.4	930.6	933.6	936.6	937.5	936.0	931.3	923.7
-52.5°	879.1	875.7	872.7	869.5	872.7	875.7	879.1	880.3	878.9	874.4	868.0
-55°	825.8	823.7	821.2	817.9	821.2	823.7	825.8	826.1	824.5	821.8	817.5
-57.5°	778.7	778.0	778.7	779.3	778.7	778.0	778.7	778.1	776.3	774.2	770.3
-60°	730.9	731.6	733.3	734.2	733.3	731.6	730.9	728.4	724.1	719.4	714.4
-62.5°	659.9	660.7	665.3	669.8	665.3	660.7	659.9	657.4	653.2	649.6	645.6
-65°	583.6	583.9	588.2	592.5	588.2	583.9	583.6	581.7	578.1	574.4	570.4
-67.5°	511.6	512.9	517.5	521.7	517.5	512.9	511.6	509.3	506.0	503.0	499.9
-70°	443.6	442.8	446.9	450.8	446.9	442.8	443.6	443.5	442.4	440.2	437.1
-72.5°	379.6	378.5	379.6	380.0	379.6	378.5	379.6	379.6	378.5	376.4	373.5
-75°	314.0	314.2	315.2	315.6	315.2	314.2	314.0	313.0	311.3	309.1	307.1
-77.5°	250.1	250.0	250.9	251.2	250.9	250.0	250.1	249.6	248.4	246.6	243.9
-80°	186.4	186.0	186.6	186.8	186.6	186.0	186.4	186.3	185.7	184.4	181.5
-82.5°	127.3	128.1	128.6	128.8	128.6	128.1	127.3	126.1	124.7	122.9	122.4
-85°	70.0	70.5	70.7	70.8	70.7	70.5	70.0	69.4	68.7	67.8	68.1
-87.5°	25.6	25.7	25.8	25.8	25.8	25.7	25.6	25.4	25.2	24.9	24.6
-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: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	24.2	23.8	23.4	22.9	22.3	21.8	21.1	20.5	19.8	19.0	18.2
85°	68.3	68.1	67.6	65.6	63.5	61.1	58.6	56.0	53.2	50.2	47.1
82.5°	121.6	120.4	118.8	114.3	109.8	105.3	100.7	96.7	92.5	88.1	83.4
80°	178.3	174.9	171.2	165.9	160.0	153.4	146.3	139.6	132.5	125.8	119.6
77.5°	240.4	235.9	230.4	223.5	216.0	207.9	199.2	190.3	181.4	172.1	162.4
75°	304.1	300.1	294.3	286.0	276.9	267.2	256.2	244.0	231.7	219.4	207.4
72.5°	369.7	364.9	358.2	348.6	337.7	326.2	313.7	299.8	284.5	267.8	252.6
70°	433.0	427.9	421.4	412.8	401.8	389.1	374.2	357.9	340.7	322.8	304.3
67.5°	495.2	488.9	482.1	474.3	464.7	452.8	436.8	418.0	398.2	377.8	356.5
65°	564.4	556.3	547.4	539.3	529.1	516.9	500.7	482.5	460.8	435.7	408.7
62.5°	639.9	632.5	619.9	606.5	593.2	579.0	560.6	540.8	520.9	497.8	465.6
60°	709.1	702.3	685.8	669.4	653.3	636.0	615.2	594.2	573.2	547.9	518.6
57.5°	764.4	753.8	738.4	722.7	706.8	685.7	663.6	642.7	619.7	595.3	567.9
55°	811.8	800.0	784.2	767.2	748.8	727.8	705.7	682.2	660.2	640.0	612.0
52.5°	860.1	845.4	828.3	810.0	789.6	767.1	743.4	718.7	697.3	676.4	652.9
50°	912.8	894.0	873.6	852.2	830.5	806.1	780.5	754.3	733.6	711.9	688.3
47.5°	969.3	947.1	922.8	898.5	873.3	847.0	819.2	791.1	768.3	746.0	721.5
45°	1035.6	1007.4	976.2	948.3	918.5	889.4	859.5	830.3	801.8	776.7	753.2
42.5°	1112.6	1079.1	1043.6	1005.4	967.1	933.6	900.0	868.6	836.9	806.7	779.5
40°	1209.4	1160.5	1119.2	1072.2	1026.7	980.9	944.2	906.4	871.7	837.5	806.2
37.5°	1337.2	1268.8	1209.5	1148.3	1093.9	1039.6	992.3	949.4	906.4	869.5	834.4
35°	1509.5	1413.8	1320.7	1241.8	1168.8	1104.7	1044.8	994.5	947.0	901.9	862.6
32.5°	1753.5	1613.3	1463.8	1357.3	1256.9	1173.7	1103.3	1040.7	986.4	936.8	891.8
30°	2136.1	1888.8	1676.6	1496.6	1366.9	1253.7	1162.8	1089.2	1025.5	970.4	920.3
27.5°	2759.8	2255.9	1962.2	1692.9	1492.7	1351.4	1233.3	1137.4	1063.5	1003.1	948.4
25°	3771.4	2920.8	2326.5	1954.3	1664.1	1455.4	1309.2	1195.1	1104.6	1032.8	968.5
22.5°	5253.1	3925.4	2902.9	2254.0	1874.0	1597.8	1399.2	1251.9	1141.4	1058.2	988.2
20°	7589.6	5220.8	3742.3	2739.5	2120.6	1734.3	1494.4	1318.6	1186.4	1085.6	1005.7
17.5°	10388.2	7224.3	4693.0	3262.2	2440.2	1931.3	1605.6	1382.6	1226.1	1110.3	1020.5
15°	13208.5	9319.9	6153.7	4020.0	2788.9	2103.6	1701.2	1437.8	1265.0	1137.3	1039.0
12.5°	16323.1	11565.0	7449.7	4646.6	3148.1	2311.2	1823.1	1512.3	1307.4	1164.4	1056.9
10°	19013.3	13662.2	9007.6	5650.5	3620.6	2529.0	1935.0	1576.2	1342.9	1186.3	1070.9
7.5°	21435.7	15453.8	10314.1	6433.8	3987.0	2701.7	2024.6	1627.0	1369.5	1202.3	1080.7
5°	23154.8	16823.0	11365.0	7025.8	4249.2	2821.4	2086.9	1663.0	1387.1	1212.3	1086.5
2.5°	24227.3	17647.0	12050.4	7377.2	4377.6	2886.9	2126.1	1683.5	1401.9	1223.4	1089.6
0°	24325.5	17588.8	12146.6	7548.2	4295.8	2898.2	2144.7	1687.4	1410.5	1230.1	1088.4
-2.5°	24227.3	17647.0	12050.4	7377.2	4377.6	2886.9	2126.1	1683.5	1401.9	1223.4	1089.6
-5°	23154.8	16823.0	11365.0	7025.8	4249.2	2821.4	2086.9	1663.0	1387.1	1212.3	1086.5
-7.5°	21435.7	15453.8	10314.1	6433.8	3987.0	2701.7	2024.6	1627.0	1369.5	1202.3	1080.7
-10°	19013.3	13662.2	9007.6	5650.5	3620.6	2529.0	1935.0	1576.2	1342.9	1186.3	1070.9
-12.5°	16323.1	11565.0	7449.7	4646.6	3148.1	2311.2	1823.1	1512.3	1307.4	1164.4	1056.9
-15°	13208.5	9319.9	6153.7	4020.0	2788.9	2103.6	1701.2	1437.8	1265.0	1137.3	1039.0
-17.5°	10388.2	7224.3	4693.0	3262.2	2440.2	1931.3	1605.6	1382.6	1226.1	1110.3	1020.5
-20°	7589.6	5220.8	3742.3	2739.5	2120.6	1734.3	1494.4	1318.6	1186.4	1085.6	1005.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5253.1	3925.4	2902.9	2254.0	1874.0	1597.8	1399.2	1251.9	1141.4	1058.2	988.2
-25°	3771.4	2920.8	2326.5	1954.3	1664.1	1455.4	1309.2	1195.1	1104.6	1032.8	968.5
-27.5°	2759.8	2255.9	1962.2	1692.9	1492.7	1351.4	1233.3	1137.4	1063.5	1003.1	948.4
-30°	2136.1	1888.8	1676.6	1496.6	1366.9	1253.7	1162.8	1089.2	1025.5	970.4	920.3
-32.5°	1753.5	1613.3	1463.8	1357.3	1256.9	1173.7	1103.3	1040.7	986.4	936.8	891.8
-35°	1509.5	1413.8	1320.7	1241.8	1168.8	1104.7	1044.8	994.5	947.0	901.9	862.6
-37.5°	1337.2	1268.8	1209.5	1148.3	1093.9	1039.6	992.3	949.4	906.4	869.5	834.4
-40°	1209.4	1160.5	1119.2	1072.2	1026.7	980.9	944.2	906.4	871.7	837.5	806.2
-42.5°	1112.6	1079.1	1043.6	1005.4	967.1	933.6	900.0	868.6	836.9	806.7	779.5
-45°	1035.6	1007.4	976.2	948.3	918.5	889.4	859.5	830.3	801.8	776.7	753.2
-47.5°	969.3	947.1	922.8	898.5	873.3	847.0	819.2	791.1	768.3	746.0	721.5
-50°	912.8	894.0	873.6	852.2	830.5	806.1	780.5	754.3	733.6	711.9	688.3
-52.5°	860.1	845.4	828.3	810.0	789.6	767.1	743.4	718.7	697.3	676.4	652.9
-55°	811.8	800.0	784.2	767.2	748.8	727.8	705.7	682.2	660.2	640.0	612.0
-57.5°	764.4	753.8	738.4	722.7	706.8	685.7	663.6	642.7	619.7	595.3	567.9
-60°	709.1	702.3	685.8	669.4	653.3	636.0	615.2	594.2	573.2	547.9	518.6
-62.5°	639.9	632.5	619.9	606.5	593.2	579.0	560.6	540.8	520.9	497.8	465.6
-65°	564.4	556.3	547.4	539.3	529.1	516.9	500.7	482.5	460.8	435.7	408.7
-67.5°	495.2	488.9	482.1	474.3	464.7	452.8	436.8	418.0	398.2	377.8	356.5
-70°	433.0	427.9	421.4	412.8	401.8	389.1	374.2	357.9	340.7	322.8	304.3
-72.5°	369.7	364.9	358.2	348.6	337.7	326.2	313.7	299.8	284.5	267.8	252.6
-75°	304.1	300.1	294.3	286.0	276.9	267.2	256.2	244.0	231.7	219.4	207.4
-77.5°	240.4	235.9	230.4	223.5	216.0	207.9	199.2	190.3	181.4	172.1	162.4
-80°	178.3	174.9	171.2	165.9	160.0	153.4	146.3	139.6	132.5	125.8	119.6
-82.5°	121.6	120.4	118.8	114.3	109.8	105.3	100.7	96.7	92.5	88.1	83.4
-85°	68.3	68.1	67.6	65.6	63.5	61.1	58.6	56.0	53.2	50.2	47.1
-87.5°	24.2	23.8	23.4	22.9	22.3	21.8	21.1	20.5	19.8	19.0	18.2
-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: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	17.4	16.6	15.7	14.8	13.9	12.9	11.9	10.9	9.9	8.8	7.8
85°	43.8	40.5	37.0	33.3	29.6	25.8	23.8	21.8	19.7	17.6	15.5
82.5°	78.5	73.4	68.2	62.7	57.1	51.4	45.5	39.4	33.0	26.9	23.2
80°	113.1	106.3	99.3	92.1	84.8	76.9	69.0	60.8	51.8	43.2	35.0
77.5°	152.2	141.6	130.6	121.6	113.2	104.0	94.0	82.7	70.4	59.3	48.6
75°	195.1	182.3	169.1	156.1	143.7	131.1	119.7	106.5	91.1	75.5	62.1
72.5°	239.3	224.6	208.6	192.3	177.5	162.3	146.7	129.9	112.3	94.4	76.3
70°	286.0	267.8	250.0	231.5	212.6	193.5	175.4	155.3	133.3	113.1	92.7
67.5°	334.4	312.8	291.5	270.5	249.0	226.9	204.3	180.7	156.4	131.6	108.9
65°	384.1	358.5	332.4	309.1	285.0	260.3	235.0	206.4	179.0	151.8	124.8
62.5°	434.6	405.0	376.1	347.7	320.5	293.2	264.9	232.7	201.4	171.5	141.6
60°	485.5	451.4	418.9	387.2	356.0	325.5	293.6	258.3	224.1	190.9	158.5
57.5°	534.2	496.7	459.7	425.1	391.2	357.4	321.7	283.6	246.1	210.0	175.1
55°	581.5	543.2	499.8	460.4	424.4	388.5	348.8	308.5	267.5	228.6	191.1
52.5°	623.3	585.1	540.1	495.1	454.7	417.1	374.7	332.7	289.3	246.5	206.7
50°	661.1	622.4	577.3	529.7	483.8	442.1	399.5	355.0	310.3	264.0	221.8
47.5°	693.8	656.7	612.1	562.4	513.3	466.2	421.9	376.2	330.6	282.0	236.3
45°	723.3	689.6	645.4	594.5	540.7	490.7	443.1	396.2	348.5	299.4	250.3
42.5°	750.9	718.2	677.8	625.8	568.5	514.1	463.3	414.6	365.3	315.9	264.2
40°	775.9	743.2	708.1	655.1	594.9	536.1	483.1	431.9	381.1	331.0	277.8
37.5°	800.6	766.8	730.4	682.5	619.6	558.6	501.6	448.4	396.3	344.4	290.5
35°	826.0	789.8	750.0	704.0	643.2	579.2	518.7	463.8	410.6	357.1	302.3
32.5°	850.4	810.4	768.0	722.2	665.2	598.0	535.3	478.8	424.0	368.9	313.2
30°	874.3	827.3	783.9	740.7	684.4	616.4	551.5	492.7	436.4	379.9	323.2
27.5°	892.4	842.1	797.9	755.3	700.5	633.5	567.3	505.6	447.9	390.0	331.9
25°	908.7	856.2	810.0	766.9	716.4	651.0	581.8	517.3	458.3	399.2	339.9
22.5°	925.1	868.5	820.0	776.7	731.4	666.9	595.5	529.1	467.7	407.5	347.1
20°	939.2	878.4	828.3	785.8	741.5	679.2	608.3	539.5	476.1	414.8	353.5
17.5°	951.3	888.6	837.1	793.2	748.4	689.6	619.5	548.6	483.3	421.2	359.0
15°	963.6	899.1	844.5	798.9	754.4	698.2	629.1	556.3	489.5	426.6	364.2
12.5°	974.2	906.8	850.2	803.0	759.4	704.9	637.0	562.7	494.5	431.7	369.0
10°	982.4	912.0	854.3	805.5	763.4	709.7	643.1	568.6	500.5	436.2	372.9
7.5°	988.2	914.6	856.7	806.6	766.2	714.0	649.2	575.1	505.8	439.8	376.0
5°	992.1	915.7	858.2	809.0	767.8	718.1	653.5	580.2	510.1	442.4	378.2
2.5°	996.7	916.2	858.3	810.8	767.8	720.5	656.1	583.9	513.2	443.9	379.6
0°	998.3	914.5	856.6	811.5	766.4	721.3	656.9	586.1	515.2	444.4	380.0
-2.5°	996.7	916.2	858.3	810.8	767.8	720.5	656.1	583.9	513.2	443.9	379.6
-5°	992.1	915.7	858.2	809.0	767.8	718.1	653.5	580.2	510.1	442.4	378.2
-7.5°	988.2	914.6	856.7	806.6	766.2	714.0	649.2	575.1	505.8	439.8	376.0
-10°	982.4	912.0	854.3	805.5	763.4	709.7	643.1	568.6	500.5	436.2	372.9
-12.5°	974.2	906.8	850.2	803.0	759.4	704.9	637.0	562.7	494.5	431.7	369.0
-15°	963.6	899.1	844.5	798.9	754.4	698.2	629.1	556.3	489.5	426.6	364.2
-17.5°	951.3	888.6	837.1	793.2	748.4	689.6	619.5	548.6	483.3	421.2	359.0
-20°	939.2	878.4	828.3	785.8	741.5	679.2	608.3	539.5	476.1	414.8	353.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	925.1	868.5	820.0	776.7	731.4	666.9	595.5	529.1	467.7	407.5	347.1
-25°	908.7	856.2	810.0	766.9	716.4	651.0	581.8	517.3	458.3	399.2	339.9
-27.5°	892.4	842.1	797.9	755.3	700.5	633.5	567.3	505.6	447.9	390.0	331.9
-30°	874.3	827.3	783.9	740.7	684.4	616.4	551.5	492.7	436.4	379.9	323.2
-32.5°	850.4	810.4	768.0	722.2	665.2	598.0	535.3	478.8	424.0	368.9	313.2
-35°	826.0	789.8	750.0	704.0	643.2	579.2	518.7	463.8	410.6	357.1	302.3
-37.5°	800.6	766.8	730.4	682.5	619.6	558.6	501.6	448.4	396.3	344.4	290.5
-40°	775.9	743.2	708.1	655.1	594.9	536.1	483.1	431.9	381.1	331.0	277.8
-42.5°	750.9	718.2	677.8	625.8	568.5	514.1	463.3	414.6	365.3	315.9	264.2
-45°	723.3	689.6	645.4	594.5	540.7	490.7	443.1	396.2	348.5	299.4	250.3
-47.5°	693.8	656.7	612.1	562.4	513.3	466.2	421.9	376.2	330.6	282.0	236.3
-50°	661.1	622.4	577.3	529.7	483.8	442.1	399.5	355.0	310.3	264.0	221.8
-52.5°	623.3	585.1	540.1	495.1	454.7	417.1	374.7	332.7	289.3	246.5	206.7
-55°	581.5	543.2	499.8	460.4	424.4	388.5	348.8	308.5	267.5	228.6	191.1
-57.5°	534.2	496.7	459.7	425.1	391.2	357.4	321.7	283.6	246.1	210.0	175.1
-60°	485.5	451.4	418.9	387.2	356.0	325.5	293.6	258.3	224.1	190.9	158.5
-62.5°	434.6	405.0	376.1	347.7	320.5	293.2	264.9	232.7	201.4	171.5	141.6
-65°	384.1	358.5	332.4	309.1	285.0	260.3	235.0	206.4	179.0	151.8	124.8
-67.5°	334.4	312.8	291.5	270.5	249.0	226.9	204.3	180.7	156.4	131.6	108.9
-70°	286.0	267.8	250.0	231.5	212.6	193.5	175.4	155.3	133.3	113.1	92.7
-72.5°	239.3	224.6	208.6	192.3	177.5	162.3	146.7	129.9	112.3	94.4	76.3
-75°	195.1	182.3	169.1	156.1	143.7	131.1	119.7	106.5	91.1	75.5	62.1
-77.5°	152.2	141.6	130.6	121.6	113.2	104.0	94.0	82.7	70.4	59.3	48.6
-80°	113.1	106.3	99.3	92.1	84.8	76.9	69.0	60.8	51.8	43.2	35.0
-82.5°	78.5	73.4	68.2	62.7	57.1	51.4	45.5	39.4	33.0	26.9	23.2
-85°	43.8	40.5	37.0	33.3	29.6	25.8	23.8	21.8	19.7	17.6	15.5
-87.5°	17.4	16.6	15.7	14.8	13.9	12.9	11.9	10.9	9.9	8.8	7.8
-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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Scaled Data Report



REPORT NUMBER: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
85°	13.3	11.2	8.9	6.7	4.5	2.2	0.0
82.5°	20.0	16.7	13.4	10.1	6.7	3.4	0.0
80°	27.2	22.2	17.8	13.4	8.9	4.5	0.0
77.5°	38.6	29.1	22.2	16.7	11.2	5.6	0.0
75°	49.9	38.6	27.2	20.0	13.3	6.7	0.0
72.5°	61.1	48.0	34.7	23.2	15.5	7.8	0.0
70°	72.6	57.2	42.1	26.9	17.6	8.8	0.0
67.5°	86.7	66.3	49.4	32.3	19.7	9.9	0.0
65°	100.5	76.6	56.6	37.7	21.8	10.9	0.0
62.5°	114.0	87.9	63.6	43.0	23.8	11.9	0.0
60°	127.3	98.9	70.5	48.2	25.8	12.9	0.0
57.5°	141.2	109.7	79.0	53.2	29.1	13.9	0.0
55°	154.8	120.2	87.4	58.1	32.4	14.8	0.0
52.5°	167.9	130.5	95.6	62.8	35.5	15.7	0.0
50°	180.5	140.9	103.5	67.4	38.6	16.6	0.0
47.5°	192.6	150.9	111.1	72.2	41.6	17.4	0.0
45°	204.5	160.3	118.4	77.7	44.4	18.2	0.0
42.5°	215.9	169.3	125.4	82.9	47.1	19.0	0.0
40°	226.8	177.8	132.2	87.9	49.7	19.8	0.0
37.5°	237.2	185.8	138.6	92.5	52.2	20.5	0.0
35°	246.9	193.7	144.7	96.8	54.5	21.1	0.0
32.5°	256.1	201.3	150.3	100.8	56.7	21.8	0.0
30°	264.9	208.3	155.5	104.4	58.7	22.3	0.0
27.5°	272.8	214.9	160.2	107.8	60.6	22.9	0.0
25°	280.0	220.8	164.5	110.7	62.3	23.4	0.0
22.5°	286.4	226.2	168.5	113.4	63.9	23.8	0.0
20°	292.0	230.9	172.2	115.7	65.4	24.2	0.0
17.5°	297.2	234.9	175.5	117.7	66.6	24.6	0.0
15°	301.9	238.2	178.4	119.3	67.7	24.9	0.0
12.5°	305.9	240.9	180.9	120.7	68.7	25.2	0.0
10°	309.3	242.9	183.0	121.6	69.4	25.4	0.0
7.5°	312.0	244.2	184.6	122.3	70.0	25.6	0.0
5°	314.0	245.0	185.8	122.6	70.5	25.7	0.0
2.5°	315.2	245.1	186.6	122.7	70.7	25.8	0.0
0°	315.6	244.7	186.8	122.4	70.8	25.8	0.0
-2.5°	315.2	245.1	186.6	122.7	70.7	25.8	0.0
-5°	314.0	245.0	185.8	122.6	70.5	25.7	0.0
-7.5°	312.0	244.2	184.6	122.3	70.0	25.6	0.0
-10°	309.3	242.9	183.0	121.6	69.4	25.4	0.0
-12.5°	305.9	240.9	180.9	120.7	68.7	25.2	0.0
-15°	301.9	238.2	178.4	119.3	67.7	24.9	0.0
-17.5°	297.2	234.9	175.5	117.7	66.6	24.6	0.0
-20°	292.0	230.9	172.2	115.7	65.4	24.2	0.0

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REPORT NUMBER: P627855 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	286.4	226.2	168.5	113.4	63.9	23.8	0.0
-25°	280.0	220.8	164.5	110.7	62.3	23.4	0.0
-27.5°	272.8	214.9	160.2	107.8	60.6	22.9	0.0
-30°	264.9	208.3	155.5	104.4	58.7	22.3	0.0
-32.5°	256.1	201.3	150.3	100.8	56.7	21.8	0.0
-35°	246.9	193.7	144.7	96.8	54.5	21.1	0.0
-37.5°	237.2	185.8	138.6	92.5	52.2	20.5	0.0
-40°	226.8	177.8	132.2	87.9	49.7	19.8	0.0
-42.5°	215.9	169.3	125.4	82.9	47.1	19.0	0.0
-45°	204.5	160.3	118.4	77.7	44.4	18.2	0.0
-47.5°	192.6	150.9	111.1	72.2	41.6	17.4	0.0
-50°	180.5	140.9	103.5	67.4	38.6	16.6	0.0
-52.5°	167.9	130.5	95.6	62.8	35.5	15.7	0.0
-55°	154.8	120.2	87.4	58.1	32.4	14.8	0.0
-57.5°	141.2	109.7	79.0	53.2	29.1	13.9	0.0
-60°	127.3	98.9	70.5	48.2	25.8	12.9	0.0
-62.5°	114.0	87.9	63.6	43.0	23.8	11.9	0.0
-65°	100.5	76.6	56.6	37.7	21.8	10.9	0.0
-67.5°	86.7	66.3	49.4	32.3	19.7	9.9	0.0
-70°	72.6	57.2	42.1	26.9	17.6	8.8	0.0
-72.5°	61.1	48.0	34.7	23.2	15.5	7.8	0.0
-75°	49.9	38.6	27.2	20.0	13.3	6.7	0.0
-77.5°	38.6	29.1	22.2	16.7	11.2	5.6	0.0
-80°	27.2	22.2	17.8	13.4	8.9	4.5	0.0
-82.5°	20.0	16.7	13.4	10.1	6.7	3.4	0.0
-85°	13.3	11.2	8.9	6.7	4.5	2.2	0.0
-87.5°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)