

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: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627685 (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-SA5D-730-U-MR-XX
 Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N116
 Light Source: (80) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

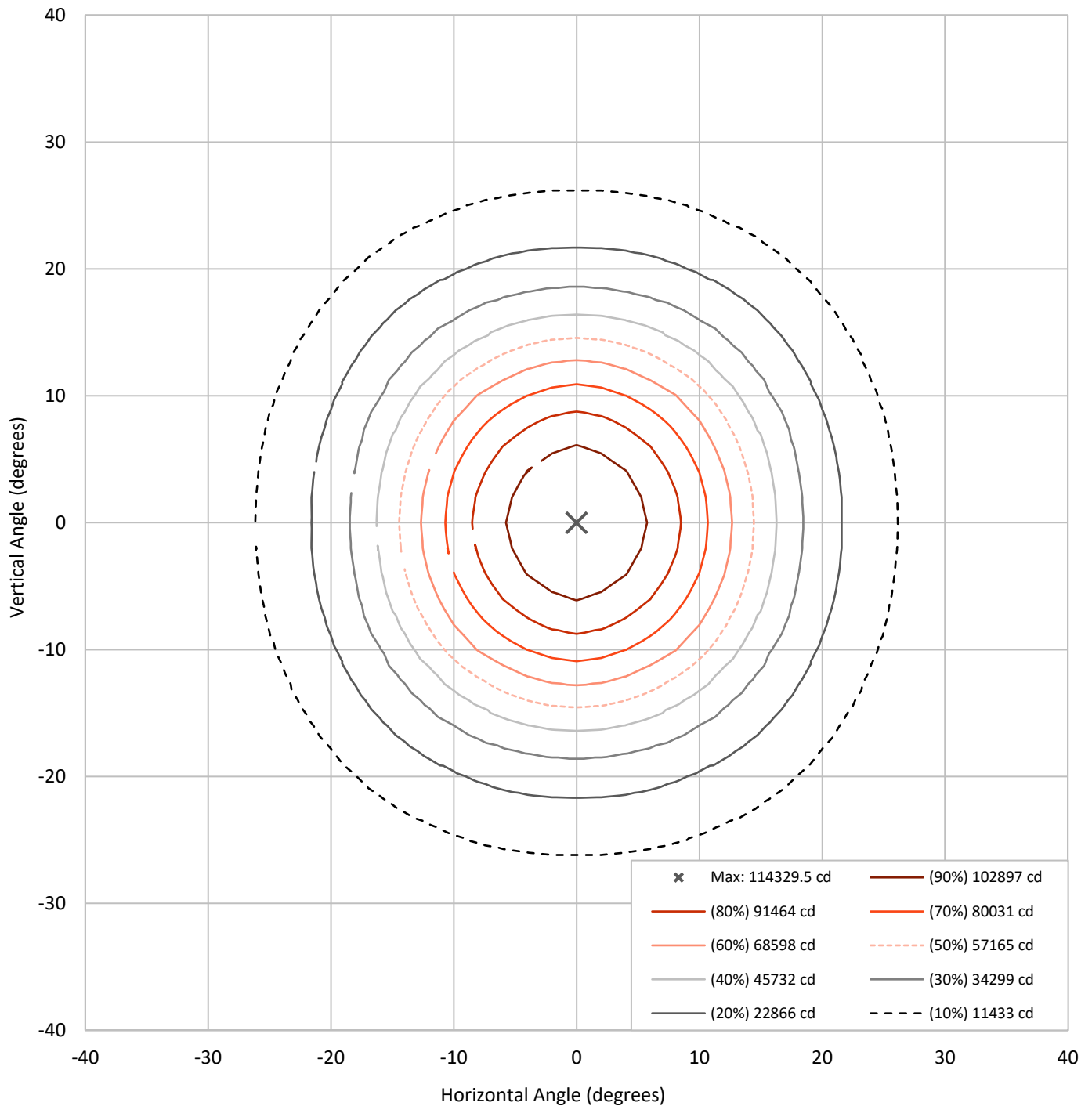
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	35720.5 lumens	Max Intensity:	114329.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.7 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:	17366.8 lumens	Field Lumens:	29308.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	271.3		
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		



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





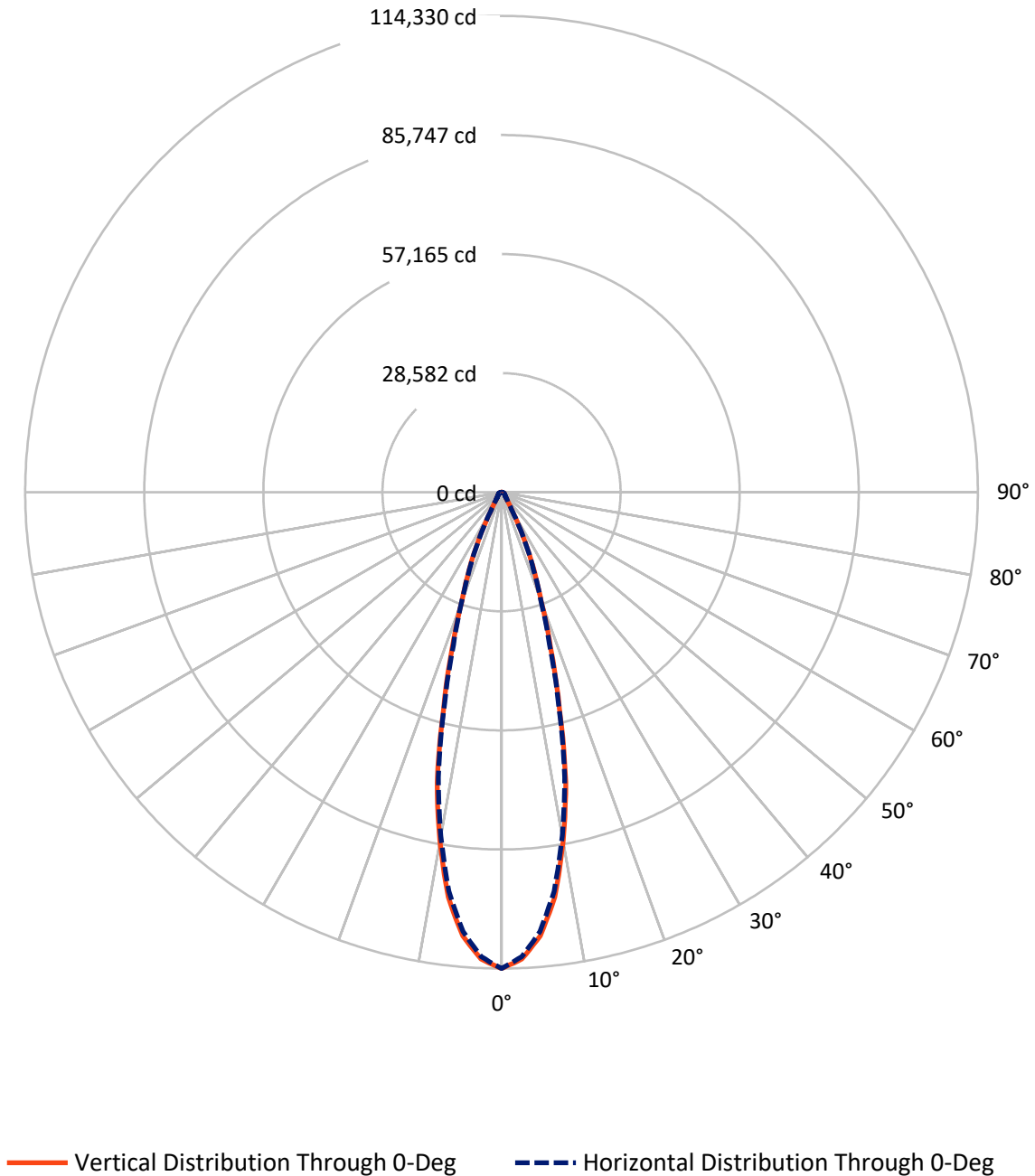
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Lumen Table

90																
80	0.7	5.9		15.5		24.5		27.2		24.5		15.5		5.9		0.7
70																
60	2.7	3.1	6.2	10.1	14.1	17.3	19.3	20.3	20.3	19.3	17.3	14.1	10.1	6.2	3.1	2.7
50		4.6	9.2	14.9	20.0	24.6	27.5	28.6	28.6	27.5	24.6	20.0	14.9	9.2	4.6	
40	4.7	5.9	11.8	18.4	24.5	30.9	36.4	39.1	39.1	36.4	30.9	24.5	18.4	11.8	5.9	4.7
30		6.9	13.9	21.3	30.0	42.8	61.9	80.4	80.4	61.9	42.8	30.0	21.3	13.9	6.9	
20	6.0	7.7	15.2	23.9	38.4	83.5	235.1	417.0	417.0	235.1	83.5	38.4	23.9	15.2	7.7	6.0
10		8.3	15.9	26.0	52.3	219.2	781.4	1497.3	1497.3	781.4	219.2	52.3	26.0	15.9	8.3	
0	6.5	8.6	16.2	27.3	66.5	378.4	1446.3	2844.8	2844.8	1446.3	378.4	66.5	27.3	16.2	8.6	6.5
-10		8.6	16.2	27.3	66.5	378.4	1446.3	2844.8	2844.8	1446.3	378.4	66.5	27.3	16.2	8.6	
-20	6.0	8.3	15.9	26.0	52.3	219.2	781.4	1497.3	1497.3	781.4	219.2	52.3	26.0	15.9	8.3	6.0
-30		7.7	15.2	23.9	38.4	83.5	235.1	417.0	417.0	235.1	83.5	38.4	23.9	15.2	7.7	
-40	4.7	6.9	13.9	21.3	30.0	42.8	61.9	80.4	80.4	61.9	42.8	30.0	21.3	13.9	6.9	4.7
-50		5.9	11.8	18.4	24.5	30.9	36.4	39.1	39.1	36.4	30.9	24.5	18.4	11.8	5.9	
-60	2.7	4.6	9.2	14.9	20.0	24.6	27.5	28.6	28.6	27.5	24.6	20.0	14.9	9.2	4.6	2.7
-70		3.1	6.2	10.1	14.1	17.3	19.3	20.3	20.3	19.3	17.3	14.1	10.1	6.2	3.1	
-80																
-90	0.7	5.9		15.5		24.5		27.2		24.5		15.5		5.9		0.7
Horizontal Angle (degrees)																

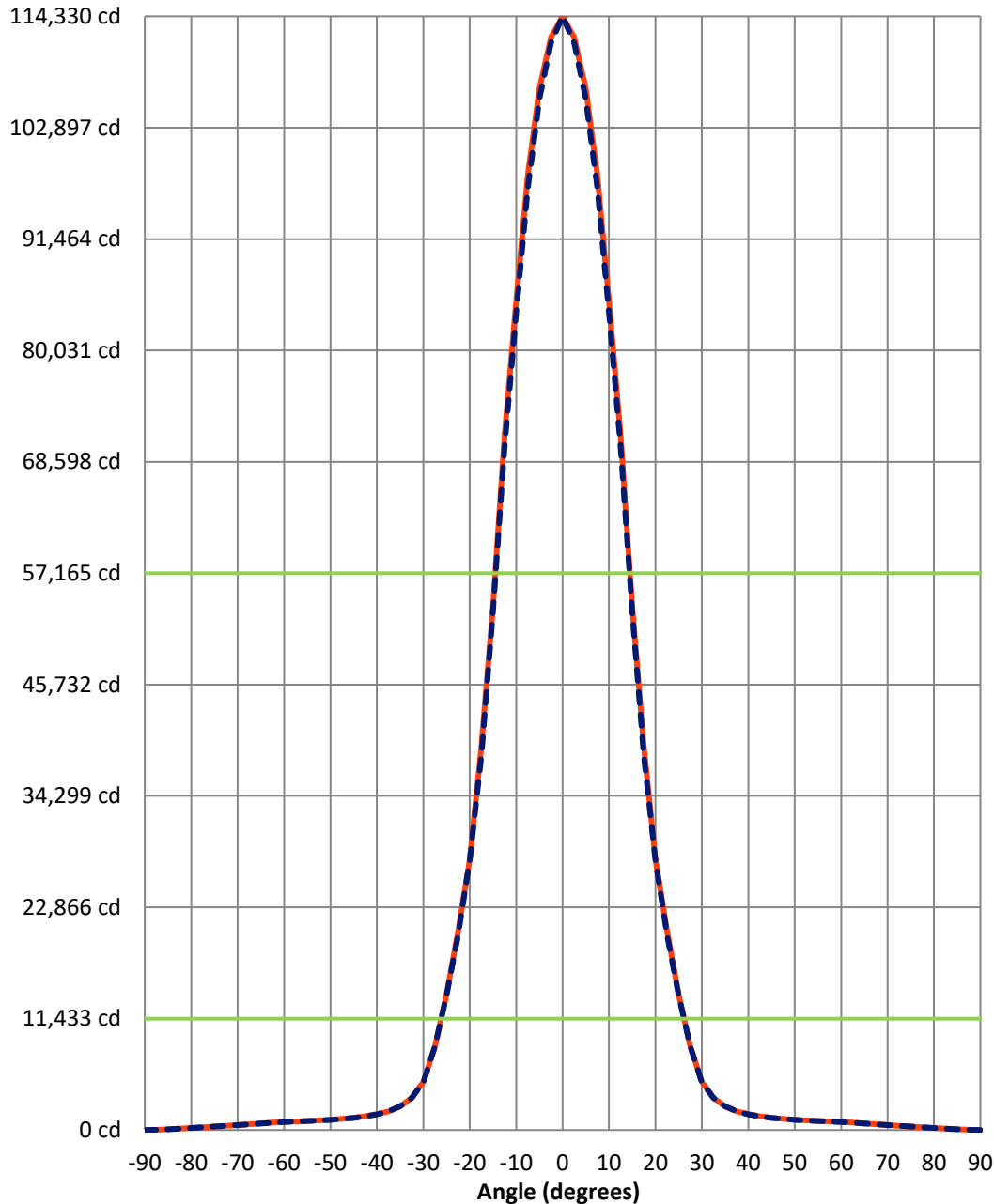
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 17366.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 29308.1
 Efficiency: 82.0%

Spill:
 Lumens: 6412.4
 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	2.6	3.8	5.1	6.4	7.6	8.8	10.1	11.2	12.4
85°	0.0	2.6	5.1	7.7	10.2	12.7	15.2	17.7	20.1	22.5	24.8
82.5°	0.0	3.8	7.7	11.5	15.3	19.0	22.8	26.5	30.7	37.6	44.9
80°	0.0	5.1	10.2	15.3	20.3	25.3	31.0	39.8	49.2	59.1	69.3
77.5°	0.0	6.4	12.7	19.0	25.3	33.2	44.0	55.4	67.6	80.3	94.3
75°	0.0	7.6	15.2	22.8	31.0	44.0	56.9	70.8	86.0	103.8	121.3
72.5°	0.0	8.8	17.7	26.5	39.5	54.7	69.7	87.0	107.6	128.0	148.1
70°	0.0	10.1	20.1	30.6	48.0	65.2	82.8	105.7	129.0	152.0	176.9
67.5°	0.0	11.2	22.5	36.9	56.3	75.6	98.8	124.1	150.0	178.2	205.9
65°	0.0	12.4	24.8	43.0	64.5	87.3	114.5	142.2	173.0	203.9	235.1
62.5°	0.0	13.6	27.1	49.0	72.5	100.2	130.0	161.4	195.5	229.5	265.2
60°	0.0	14.7	29.4	54.9	80.3	112.8	145.1	180.7	217.5	255.3	294.3
57.5°	0.0	15.8	33.2	60.6	90.0	125.1	161.0	199.5	239.3	280.4	323.2
55°	0.0	16.9	36.9	66.2	99.6	137.1	176.4	217.8	260.5	304.8	351.6
52.5°	0.0	17.9	40.5	71.6	108.9	148.8	191.4	235.6	280.8	329.6	379.1
50°	0.0	18.9	44.0	76.9	117.9	160.6	205.7	252.7	300.8	353.6	404.6
47.5°	0.0	19.9	47.4	82.3	126.6	171.9	219.4	269.3	321.3	376.7	428.7
45°	0.0	20.8	50.6	88.5	135.0	182.7	233.0	285.2	341.2	397.1	451.4
42.5°	0.0	21.7	53.7	94.5	143.0	193.0	246.1	301.0	359.9	416.2	472.4
40°	0.0	22.5	56.7	100.2	150.7	202.6	258.5	316.5	377.2	434.3	492.2
37.5°	0.0	23.3	59.5	105.4	158.0	211.7	270.2	331.0	392.5	451.6	510.8
35°	0.0	24.1	62.1	110.3	164.8	220.7	281.3	344.4	406.9	467.8	528.4
32.5°	0.0	24.8	64.6	114.9	171.2	229.3	291.8	356.9	420.4	483.1	545.5
30°	0.0	25.5	66.9	119.0	177.2	237.4	301.8	368.2	432.9	497.3	561.4
27.5°	0.0	26.1	69.1	122.8	182.5	244.8	310.8	378.2	444.4	510.3	576.0
25°	0.0	26.6	71.1	126.2	187.4	251.6	319.0	387.3	454.9	522.2	589.5
22.5°	0.0	27.2	72.9	129.2	192.0	257.7	326.3	395.5	464.3	532.9	602.9
20°	0.0	27.6	74.5	131.8	196.2	263.1	332.8	402.8	472.7	542.5	614.8
17.5°	0.0	28.0	75.9	134.1	199.9	267.6	338.6	409.1	480.0	550.7	625.1
15°	0.0	28.4	77.2	136.0	203.2	271.4	343.9	415.0	486.1	557.8	634.0
12.5°	0.0	28.7	78.3	137.4	206.1	274.5	348.6	420.4	491.9	563.5	641.2
10°	0.0	29.0	79.1	138.6	208.5	276.8	352.4	424.9	497.1	570.3	648.0
7.5°	0.0	29.1	79.8	139.3	210.3	278.3	355.5	428.5	501.2	576.4	655.3
5°	0.0	29.3	80.3	139.7	211.7	279.2	357.8	431.0	504.1	581.3	661.1
2.5°	0.0	29.4	80.6	139.7	212.5	279.4	359.1	432.5	505.8	584.9	665.3
0°	0.0	29.4	80.7	139.4	212.8	278.9	359.6	433.0	506.4	587.1	667.8
-2.5°	0.0	29.4	80.6	139.7	212.5	279.4	359.1	432.5	505.8	584.9	665.3
-5°	0.0	29.3	80.3	139.7	211.7	279.2	357.8	431.0	504.1	581.3	661.1
-7.5°	0.0	29.1	79.8	139.3	210.3	278.3	355.5	428.5	501.2	576.4	655.3
-10°	0.0	29.0	79.1	138.6	208.5	276.8	352.4	424.9	497.1	570.3	648.0
-12.5°	0.0	28.7	78.3	137.4	206.1	274.5	348.6	420.4	491.9	563.5	641.2
-15°	0.0	28.4	77.2	136.0	203.2	271.4	343.9	415.0	486.1	557.8	634.0
-17.5°	0.0	28.0	75.9	134.1	199.9	267.6	338.6	409.1	480.0	550.7	625.1
-20°	0.0	27.6	74.5	131.8	196.2	263.1	332.8	402.8	472.7	542.5	614.8

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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	27.2	72.9	129.2	192.0	257.7	326.3	395.5	464.3	532.9	602.9
-25°	0.0	26.6	71.1	126.2	187.4	251.6	319.0	387.3	454.9	522.2	589.5
-27.5°	0.0	26.1	69.1	122.8	182.5	244.8	310.8	378.2	444.4	510.3	576.0
-30°	0.0	25.5	66.9	119.0	177.2	237.4	301.8	368.2	432.9	497.3	561.4
-32.5°	0.0	24.8	64.6	114.9	171.2	229.3	291.8	356.9	420.4	483.1	545.5
-35°	0.0	24.1	62.1	110.3	164.8	220.7	281.3	344.4	406.9	467.8	528.4
-37.5°	0.0	23.3	59.5	105.4	158.0	211.7	270.2	331.0	392.5	451.6	510.8
-40°	0.0	22.5	56.7	100.2	150.7	202.6	258.5	316.5	377.2	434.3	492.2
-42.5°	0.0	21.7	53.7	94.5	143.0	193.0	246.1	301.0	359.9	416.2	472.4
-45°	0.0	20.8	50.6	88.5	135.0	182.7	233.0	285.2	341.2	397.1	451.4
-47.5°	0.0	19.9	47.4	82.3	126.6	171.9	219.4	269.3	321.3	376.7	428.7
-50°	0.0	18.9	44.0	76.9	117.9	160.6	205.7	252.7	300.8	353.6	404.6
-52.5°	0.0	17.9	40.5	71.6	108.9	148.8	191.4	235.6	280.8	329.6	379.1
-55°	0.0	16.9	36.9	66.2	99.6	137.1	176.4	217.8	260.5	304.8	351.6
-57.5°	0.0	15.8	33.2	60.6	90.0	125.1	161.0	199.5	239.3	280.4	323.2
-60°	0.0	14.7	29.4	54.9	80.3	112.8	145.1	180.7	217.5	255.3	294.3
-62.5°	0.0	13.6	27.1	49.0	72.5	100.2	130.0	161.4	195.5	229.5	265.2
-65°	0.0	12.4	24.8	43.0	64.5	87.3	114.5	142.2	173.0	203.9	235.1
-67.5°	0.0	11.2	22.5	36.9	56.3	75.6	98.8	124.1	150.0	178.2	205.9
-70°	0.0	10.1	20.1	30.6	48.0	65.2	82.8	105.7	129.0	152.0	176.9
-72.5°	0.0	8.8	17.7	26.5	39.5	54.7	69.7	87.0	107.6	128.0	148.1
-75°	0.0	7.6	15.2	22.8	31.0	44.0	56.9	70.8	86.0	103.8	121.3
-77.5°	0.0	6.4	12.7	19.0	25.3	33.2	44.0	55.4	67.6	80.3	94.3
-80°	0.0	5.1	10.2	15.3	20.3	25.3	31.0	39.8	49.2	59.1	69.3
-82.5°	0.0	3.8	7.7	11.5	15.3	19.0	22.8	26.5	30.7	37.6	44.9
-85°	0.0	2.6	5.1	7.7	10.2	12.7	15.2	17.7	20.1	22.5	24.8
-87.5°	0.0	1.3	2.6	3.8	5.1	6.4	7.6	8.8	10.1	11.2	12.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	13.6	14.7	15.8	16.9	17.9	18.9	19.9	20.8	21.7	22.5	23.3
85°	27.1	29.4	33.7	38.0	42.1	46.1	50.0	53.7	57.2	60.6	63.8
82.5°	51.8	58.6	65.1	71.5	77.7	83.7	89.5	95.0	100.4	105.4	110.3
80°	78.7	87.7	96.7	105.0	113.2	121.2	128.9	136.3	143.4	151.0	159.1
77.5°	107.1	118.6	129.0	138.5	148.9	161.4	173.5	185.1	196.2	206.8	216.9
75°	136.4	149.4	163.8	177.9	192.8	207.8	222.3	236.3	250.0	264.0	278.0
72.5°	167.2	185.0	202.3	219.1	237.7	255.9	272.6	287.9	305.1	324.1	341.6
70°	199.9	220.5	242.2	263.8	284.8	305.1	325.9	346.7	367.8	388.3	407.8
67.5°	232.7	258.5	283.7	308.2	332.1	356.4	381.0	406.3	430.5	453.7	476.3
65°	267.8	296.6	324.7	352.2	378.8	408.5	437.6	465.7	496.5	525.0	549.7
62.5°	301.8	334.1	365.2	396.2	428.6	461.4	495.2	530.5	567.1	593.5	616.2
60°	334.5	371.0	405.6	441.2	477.3	514.3	553.2	590.8	624.2	653.1	677.0
57.5°	366.6	407.3	445.8	484.4	523.8	565.9	608.6	647.1	678.3	706.1	732.3
55°	397.6	442.7	483.6	524.7	569.5	618.9	662.6	697.4	729.3	752.2	777.3
52.5°	427.0	475.3	518.1	564.2	615.4	666.7	710.2	744.0	770.7	794.5	819.0
50°	455.2	503.8	551.3	603.6	657.8	709.3	753.3	784.3	811.2	836.0	859.5
47.5°	480.8	531.3	584.9	640.9	697.5	748.3	790.5	822.2	850.0	875.5	901.5
45°	504.8	559.1	616.1	677.5	735.5	785.8	824.2	858.2	885.0	913.7	946.2
42.5°	527.8	585.9	647.8	713.2	772.4	818.4	855.6	888.2	919.2	953.6	989.8
40°	550.5	610.9	677.9	746.6	806.9	846.8	884.1	918.6	954.3	993.3	1032.9
37.5°	571.6	636.5	706.1	777.7	832.3	873.7	912.3	950.8	990.8	1032.9	1081.9
35°	591.0	660.0	733.0	802.2	854.6	899.8	941.2	982.9	1027.8	1079.1	1133.2
32.5°	609.9	681.5	758.0	822.9	875.1	923.3	968.9	1016.2	1067.5	1124.0	1185.8
30°	628.4	702.4	779.9	844.1	893.2	942.6	996.2	1048.7	1105.8	1168.5	1241.2
27.5°	646.5	721.8	798.2	860.6	909.2	959.5	1016.9	1080.8	1143.1	1211.8	1296.0
25°	663.0	741.8	816.3	873.8	922.9	975.6	1035.5	1103.6	1176.9	1258.6	1361.7
22.5°	678.6	759.9	833.5	885.0	934.4	989.7	1054.2	1126.1	1205.8	1300.5	1426.5
20°	693.2	773.9	844.9	895.4	943.9	1001.0	1070.3	1146.0	1237.0	1351.8	1502.5
17.5°	705.9	785.8	852.7	903.8	953.8	1012.6	1084.0	1162.8	1265.1	1397.1	1575.4
15°	716.8	795.5	859.6	910.3	962.3	1024.5	1098.0	1183.9	1296.0	1441.4	1638.4
12.5°	725.8	803.2	865.3	915.0	968.8	1033.4	1110.0	1204.3	1326.8	1489.8	1723.3
10°	732.8	808.7	869.8	917.9	973.5	1039.2	1119.4	1220.2	1351.7	1530.2	1796.1
7.5°	739.7	813.6	873.0	919.1	976.2	1042.1	1126.0	1231.5	1370.0	1560.6	1854.0
5°	744.7	818.2	874.8	921.9	977.9	1043.4	1130.4	1238.0	1381.4	1580.6	1895.0
2.5°	747.6	821.0	874.9	924.0	977.9	1044.0	1135.7	1241.6	1394.1	1597.5	1918.3
0°	748.5	821.9	873.3	924.7	976.0	1042.1	1137.5	1240.2	1401.7	1607.2	1922.7
-2.5°	747.6	821.0	874.9	924.0	977.9	1044.0	1135.7	1241.6	1394.1	1597.5	1918.3
-5°	744.7	818.2	874.8	921.9	977.9	1043.4	1130.4	1238.0	1381.4	1580.6	1895.0
-7.5°	739.7	813.6	873.0	919.1	976.2	1042.1	1126.0	1231.5	1370.0	1560.6	1854.0
-10°	732.8	808.7	869.8	917.9	973.5	1039.2	1119.4	1220.2	1351.7	1530.2	1796.1
-12.5°	725.8	803.2	865.3	915.0	968.8	1033.4	1110.0	1204.3	1326.8	1489.8	1723.3
-15°	716.8	795.5	859.6	910.3	962.3	1024.5	1098.0	1183.9	1296.0	1441.4	1638.4
-17.5°	705.9	785.8	852.7	903.8	953.8	1012.6	1084.0	1162.8	1265.1	1397.1	1575.4
-20°	693.2	773.9	844.9	895.4	943.9	1001.0	1070.3	1146.0	1237.0	1351.8	1502.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	678.6	759.9	833.5	885.0	934.4	989.7	1054.2	1126.1	1205.8	1300.5	1426.5
-25°	663.0	741.8	816.3	873.8	922.9	975.6	1035.5	1103.6	1176.9	1258.6	1361.7
-27.5°	646.5	721.8	798.2	860.6	909.2	959.5	1016.9	1080.8	1143.1	1211.8	1296.0
-30°	628.4	702.4	779.9	844.1	893.2	942.6	996.2	1048.7	1105.8	1168.5	1241.2
-32.5°	609.9	681.5	758.0	822.9	875.1	923.3	968.9	1016.2	1067.5	1124.0	1185.8
-35°	591.0	660.0	733.0	802.2	854.6	899.8	941.2	982.9	1027.8	1079.1	1133.2
-37.5°	571.6	636.5	706.1	777.7	832.3	873.7	912.3	950.8	990.8	1032.9	1081.9
-40°	550.5	610.9	677.9	746.6	806.9	846.8	884.1	918.6	954.3	993.3	1032.9
-42.5°	527.8	585.9	647.8	713.2	772.4	818.4	855.6	888.2	919.2	953.6	989.8
-45°	504.8	559.1	616.1	677.5	735.5	785.8	824.2	858.2	885.0	913.7	946.2
-47.5°	480.8	531.3	584.9	640.9	697.5	748.3	790.5	822.2	850.0	875.5	901.5
-50°	455.2	503.8	551.3	603.6	657.8	709.3	753.3	784.3	811.2	836.0	859.5
-52.5°	427.0	475.3	518.1	564.2	615.4	666.7	710.2	744.0	770.7	794.5	819.0
-55°	397.6	442.7	483.6	524.7	569.5	618.9	662.6	697.4	729.3	752.2	777.3
-57.5°	366.6	407.3	445.8	484.4	523.8	565.9	608.6	647.1	678.3	706.1	732.3
-60°	334.5	371.0	405.6	441.2	477.3	514.3	553.2	590.8	624.2	653.1	677.0
-62.5°	301.8	334.1	365.2	396.2	428.6	461.4	495.2	530.5	567.1	593.5	616.2
-65°	267.8	296.6	324.7	352.2	378.8	408.5	437.6	465.7	496.5	525.0	549.7
-67.5°	232.7	258.5	283.7	308.2	332.1	356.4	381.0	406.3	430.5	453.7	476.3
-70°	199.9	220.5	242.2	263.8	284.8	305.1	325.9	346.7	367.8	388.3	407.8
-72.5°	167.2	185.0	202.3	219.1	237.7	255.9	272.6	287.9	305.1	324.1	341.6
-75°	136.4	149.4	163.8	177.9	192.8	207.8	222.3	236.3	250.0	264.0	278.0
-77.5°	107.1	118.6	129.0	138.5	148.9	161.4	173.5	185.1	196.2	206.8	216.9
-80°	78.7	87.7	96.7	105.0	113.2	121.2	128.9	136.3	143.4	151.0	159.1
-82.5°	51.8	58.6	65.1	71.5	77.7	83.7	89.5	95.0	100.4	105.4	110.3
-85°	27.1	29.4	33.7	38.0	42.1	46.1	50.0	53.7	57.2	60.6	63.8
-87.5°	13.6	14.7	15.8	16.9	17.9	18.9	19.9	20.8	21.7	22.5	23.3
-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: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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°	24.1	24.8	25.5	26.1	26.6	27.2	27.6	28.0	28.4	28.7	29.0
85°	66.8	69.7	72.3	74.8	77.1	77.6	77.8	77.7	77.2	78.3	79.1
82.5°	114.8	120.0	125.2	130.3	135.4	137.2	138.6	139.5	140.1	142.1	143.8
80°	166.7	174.8	182.4	189.1	195.1	199.4	203.3	206.9	210.1	211.6	212.3
77.5°	227.0	236.9	246.1	254.7	262.6	268.8	273.9	277.9	281.0	283.1	284.4
75°	291.9	304.4	315.5	325.8	335.3	342.0	346.6	350.0	352.2	354.7	356.7
72.5°	357.4	371.6	384.8	397.3	408.2	415.8	421.2	425.6	428.9	431.3	432.6
70°	426.4	443.4	457.9	470.3	480.2	487.5	493.3	498.0	501.6	504.0	505.3
67.5°	497.7	515.9	529.5	540.4	549.3	557.1	564.2	569.5	573.0	576.6	580.3
65°	570.4	588.9	602.9	614.4	623.8	633.9	643.1	649.9	654.5	658.6	662.8
62.5°	638.8	659.8	675.9	691.0	706.3	720.8	729.2	735.7	740.3	744.3	749.1
60°	700.9	724.6	744.4	762.8	781.5	800.2	808.0	814.0	819.8	825.1	830.0
57.5°	756.1	781.3	805.4	823.5	841.4	858.9	871.0	877.7	882.1	884.6	886.6
55°	804.1	829.3	853.3	874.2	893.6	911.6	925.1	931.6	936.4	939.5	941.4
52.5°	847.1	874.0	899.7	922.9	943.8	963.3	980.1	989.1	996.3	1001.4	1003.1
50°	889.3	918.5	946.3	971.0	995.4	1018.7	1040.1	1052.5	1061.2	1066.6	1068.3
47.5°	933.5	965.1	995.1	1023.9	1051.6	1079.1	1104.5	1121.4	1134.0	1143.2	1149.8
45°	979.4	1013.5	1046.7	1080.6	1112.4	1147.9	1180.1	1204.7	1223.0	1238.7	1251.4
42.5°	1025.6	1063.8	1102.0	1145.7	1189.1	1229.6	1267.8	1300.5	1330.3	1359.5	1382.3
40°	1075.9	1117.7	1169.9	1221.7	1275.3	1322.3	1378.1	1428.1	1474.0	1523.5	1564.4
37.5°	1130.7	1184.5	1246.4	1308.5	1378.1	1445.7	1523.7	1600.5	1667.2	1753.9	1823.5
35°	1190.6	1258.8	1331.8	1415.0	1504.9	1611.0	1720.1	1848.0	1956.5	2094.3	2221.6
32.5°	1257.2	1337.5	1432.1	1546.5	1667.9	1838.2	1998.0	2214.8	2400.2	2639.4	2900.7
30°	1325.0	1428.6	1557.5	1705.3	1910.5	2152.2	2434.0	2800.6	3197.2	3607.5	4159.8
27.5°	1405.3	1539.9	1700.9	1928.9	2235.9	2570.5	3144.7	3764.7	4628.4	5312.2	6530.0
25°	1491.8	1658.4	1896.2	2226.8	2651.0	3328.2	4297.4	5419.7	7148.0	8685.3	10452.0
22.5°	1594.3	1820.6	2135.4	2568.4	3307.8	4472.8	5985.7	8290.4	10852.4	13381.1	15692.3
20°	1702.8	1976.1	2416.3	3121.6	4264.3	5949.0	8648.2	11941.4	15342.7	18808.1	21728.5
17.5°	1829.6	2200.7	2780.6	3717.2	5347.6	8231.9	11837.1	16024.7	20468.3	24890.3	28731.4
15°	1938.5	2397.0	3177.9	4580.7	7012.0	10619.8	15050.8	20339.5	25927.5	31666.3	37886.2
12.5°	2077.4	2633.6	3587.2	5294.7	8488.7	13178.0	18599.7	24740.1	31563.7	39183.6	48880.2
10°	2204.9	2881.8	4125.6	6438.6	10263.9	15567.7	21665.2	28631.7	37482.6	48933.2	60629.7
7.5°	2307.0	3078.5	4543.1	7331.2	11752.6	17609.2	24425.4	32777.9	43820.2	57455.2	70819.2
5°	2378.0	3214.9	4841.9	8005.7	12950.1	19169.4	26384.3	35834.4	49162.0	64430.9	78076.4
2.5°	2422.6	3289.5	4988.1	8406.2	13731.2	20108.3	27606.4	37776.8	52436.0	68871.4	82687.0
0°	2443.8	3302.4	4894.9	8601.0	13840.8	20042.0	27718.2	38425.4	53212.9	70077.2	83837.2
-2.5°	2422.6	3289.5	4988.1	8406.2	13731.2	20108.3	27606.4	37776.8	52436.0	68871.4	82687.0
-5°	2378.0	3214.9	4841.9	8005.7	12950.1	19169.4	26384.3	35834.4	49162.0	64430.9	78076.4
-7.5°	2307.0	3078.5	4543.1	7331.2	11752.6	17609.2	24425.4	32777.9	43820.2	57455.2	70819.2
-10°	2204.9	2881.8	4125.6	6438.6	10263.9	15567.7	21665.2	28631.7	37482.6	48933.2	60629.7
-12.5°	2077.4	2633.6	3587.2	5294.7	8488.7	13178.0	18599.7	24740.1	31563.7	39183.6	48880.2
-15°	1938.5	2397.0	3177.9	4580.7	7012.0	10619.8	15050.8	20339.5	25927.5	31666.3	37886.2
-17.5°	1829.6	2200.7	2780.6	3717.2	5347.6	8231.9	11837.1	16024.7	20468.3	24890.3	28731.4
-20°	1702.8	1976.1	2416.3	3121.6	4264.3	5949.0	8648.2	11941.4	15342.7	18808.1	21728.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1594.3	1820.6	2135.4	2568.4	3307.8	4472.8	5985.7	8290.4	10852.4	13381.1	15692.3
-25°	1491.8	1658.4	1896.2	2226.8	2651.0	3328.2	4297.4	5419.7	7148.0	8685.3	10452.0
-27.5°	1405.3	1539.9	1700.9	1928.9	2235.9	2570.5	3144.7	3764.7	4628.4	5312.2	6530.0
-30°	1325.0	1428.6	1557.5	1705.3	1910.5	2152.2	2434.0	2800.6	3197.2	3607.5	4159.8
-32.5°	1257.2	1337.5	1432.1	1546.5	1667.9	1838.2	1998.0	2214.8	2400.2	2639.4	2900.7
-35°	1190.6	1258.8	1331.8	1415.0	1504.9	1611.0	1720.1	1848.0	1956.5	2094.3	2221.6
-37.5°	1130.7	1184.5	1246.4	1308.5	1378.1	1445.7	1523.7	1600.5	1667.2	1753.9	1823.5
-40°	1075.9	1117.7	1169.9	1221.7	1275.3	1322.3	1378.1	1428.1	1474.0	1523.5	1564.4
-42.5°	1025.6	1063.8	1102.0	1145.7	1189.1	1229.6	1267.8	1300.5	1330.3	1359.5	1382.3
-45°	979.4	1013.5	1046.7	1080.6	1112.4	1147.9	1180.1	1204.7	1223.0	1238.7	1251.4
-47.5°	933.5	965.1	995.1	1023.9	1051.6	1079.1	1104.5	1121.4	1134.0	1143.2	1149.8
-50°	889.3	918.5	946.3	971.0	995.4	1018.7	1040.1	1052.5	1061.2	1066.6	1068.3
-52.5°	847.1	874.0	899.7	922.9	943.8	963.3	980.1	989.1	996.3	1001.4	1003.1
-55°	804.1	829.3	853.3	874.2	893.6	911.6	925.1	931.6	936.4	939.5	941.4
-57.5°	756.1	781.3	805.4	823.5	841.4	858.9	871.0	877.7	882.1	884.6	886.6
-60°	700.9	724.6	744.4	762.8	781.5	800.2	808.0	814.0	819.8	825.1	830.0
-62.5°	638.8	659.8	675.9	691.0	706.3	720.8	729.2	735.7	740.3	744.3	749.1
-65°	570.4	588.9	602.9	614.4	623.8	633.9	643.1	649.9	654.5	658.6	662.8
-67.5°	497.7	515.9	529.5	540.4	549.3	557.1	564.2	569.5	573.0	576.6	580.3
-70°	426.4	443.4	457.9	470.3	480.2	487.5	493.3	498.0	501.6	504.0	505.3
-72.5°	357.4	371.6	384.8	397.3	408.2	415.8	421.2	425.6	428.9	431.3	432.6
-75°	291.9	304.4	315.5	325.8	335.3	342.0	346.6	350.0	352.2	354.7	356.7
-77.5°	227.0	236.9	246.1	254.7	262.6	268.8	273.9	277.9	281.0	283.1	284.4
-80°	166.7	174.8	182.4	189.1	195.1	199.4	203.3	206.9	210.1	211.6	212.3
-82.5°	114.8	120.0	125.2	130.3	135.4	137.2	138.6	139.5	140.1	142.1	143.8
-85°	66.8	69.7	72.3	74.8	77.1	77.6	77.8	77.7	77.2	78.3	79.1
-87.5°	24.1	24.8	25.5	26.1	26.6	27.2	27.6	28.0	28.4	28.7	29.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	29.1	29.3	29.4	29.4	29.4	29.3	29.1	29.0	28.7	28.4	28.0
85°	79.8	80.3	80.6	80.7	80.6	80.3	79.8	79.1	78.3	77.2	77.7
82.5°	145.1	146.0	146.6	146.8	146.6	146.0	145.1	143.8	142.1	140.1	139.5
80°	212.4	211.8	212.5	212.8	212.5	211.8	212.4	212.3	211.6	210.1	206.9
77.5°	285.0	284.9	285.8	286.2	285.8	284.9	285.0	284.4	283.1	281.0	277.9
75°	357.8	358.0	359.2	359.6	359.2	358.0	357.8	356.7	354.7	352.2	350.0
72.5°	432.5	431.3	432.5	433.0	432.5	431.3	432.5	432.6	431.3	428.9	425.6
70°	505.5	504.5	509.2	513.7	509.2	504.5	505.5	505.3	504.0	501.6	498.0
67.5°	583.0	584.5	589.7	594.4	589.7	584.5	583.0	580.3	576.6	573.0	569.5
65°	665.0	665.3	670.3	675.2	670.3	665.3	665.0	662.8	658.6	654.5	649.9
62.5°	752.0	752.8	758.1	763.2	758.1	752.8	752.0	749.1	744.3	740.3	735.7
60°	832.8	833.7	835.6	836.6	835.6	833.7	832.8	830.0	825.1	819.8	814.0
57.5°	887.3	886.5	887.3	888.0	887.3	886.5	887.3	886.6	884.6	882.1	877.7
55°	941.0	938.6	935.8	932.0	935.8	938.6	941.0	941.4	939.5	936.4	931.6
52.5°	1001.8	997.9	994.4	990.7	994.4	997.9	1001.8	1003.1	1001.4	996.3	989.1
50°	1067.2	1063.7	1060.4	1056.8	1060.4	1063.7	1067.2	1068.3	1066.6	1061.2	1052.5
47.5°	1154.4	1155.9	1155.2	1152.2	1155.2	1155.9	1154.4	1149.8	1143.2	1134.0	1121.4
45°	1260.3	1264.5	1265.1	1262.3	1265.1	1264.5	1260.3	1251.4	1238.7	1223.0	1204.7
42.5°	1398.4	1407.7	1412.9	1416.4	1412.9	1407.7	1398.4	1382.3	1359.5	1330.3	1300.5
40°	1594.2	1613.2	1625.3	1636.5	1625.3	1613.2	1594.2	1564.4	1523.5	1474.0	1428.1
37.5°	1875.1	1909.5	1924.8	1915.4	1924.8	1909.5	1875.1	1823.5	1753.9	1667.2	1600.5
35°	2319.5	2384.9	2419.0	2421.8	2419.0	2384.9	2319.5	2221.6	2094.3	1956.5	1848.0
32.5°	3093.7	3227.6	3299.6	3309.8	3299.6	3227.6	3093.7	2900.7	2639.4	2400.2	2214.8
30°	4582.6	4855.8	4984.0	4953.6	4984.0	4855.8	4582.6	4159.8	3607.5	3197.2	2800.6
27.5°	7476.7	8157.8	8561.5	8593.6	8561.5	8157.8	7476.7	6530.0	5312.2	4628.4	3764.7
25°	12016.7	13179.6	13924.2	13936.2	13924.2	13179.6	12016.7	10452.0	8685.3	7148.0	5419.7
22.5°	17829.4	19416.7	20286.4	20438.3	20286.4	19416.7	17829.4	15692.3	13381.1	10852.4	8290.4
20°	24563.7	26675.3	27805.0	27806.3	27805.0	26675.3	24563.7	21728.5	18808.1	15342.7	11941.4
17.5°	32857.3	36285.9	38438.2	39364.8	38438.2	36285.9	32857.3	28731.4	24890.3	20468.3	16024.7
15°	43875.3	49637.1	53089.7	53711.9	53089.7	49637.1	43875.3	37886.2	31666.3	25927.5	20339.5
12.5°	57291.2	64582.8	69484.3	71280.7	69484.3	64582.8	57291.2	48880.2	39183.6	31563.7	24740.1
10°	71298.4	78054.6	83305.6	85070.1	83305.6	78054.6	71298.4	60629.7	48933.2	37482.6	28631.7
7.5°	81417.6	89473.9	95388.8	97986.3	95388.8	89473.9	81417.6	70819.2	57455.2	43820.2	32777.9
5°	89405.6	98938.3	104444.4	106888.1	104444.4	98938.3	89405.6	78076.4	64430.9	49162.0	35834.4
2.5°	94646.8	104066.0	109896.6	112149.9	109896.6	104066.0	94646.8	82687.0	68871.4	52436.0	37776.8
0°	96606.6	105816.6	111577.5	114329.5	111577.5	105816.6	96606.6	83837.2	70077.2	53212.9	38425.4
-2.5°	94646.8	104066.0	109896.6	112149.9	109896.6	104066.0	94646.8	82687.0	68871.4	52436.0	37776.8
-5°	89405.6	98938.3	104444.4	106888.1	104444.4	98938.3	89405.6	78076.4	64430.9	49162.0	35834.4
-7.5°	81417.6	89473.9	95388.8	97986.3	95388.8	89473.9	81417.6	70819.2	57455.2	43820.2	32777.9
-10°	71298.4	78054.6	83305.6	85070.1	83305.6	78054.6	71298.4	60629.7	48933.2	37482.6	28631.7
-12.5°	57291.2	64582.8	69484.3	71280.7	69484.3	64582.8	57291.2	48880.2	39183.6	31563.7	24740.1
-15°	43875.3	49637.1	53089.7	53711.9	53089.7	49637.1	43875.3	37886.2	31666.3	25927.5	20339.5
-17.5°	32857.3	36285.9	38438.2	39364.8	38438.2	36285.9	32857.3	28731.4	24890.3	20468.3	16024.7
-20°	24563.7	26675.3	27805.0	27806.3	27805.0	26675.3	24563.7	21728.5	18808.1	15342.7	11941.4



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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°	17829.4	19416.7	20286.4	20438.3	20286.4	19416.7	17829.4	15692.3	13381.1	10852.4	8290.4
-25°	12016.7	13179.6	13924.2	13936.2	13924.2	13179.6	12016.7	10452.0	8685.3	7148.0	5419.7
-27.5°	7476.7	8157.8	8561.5	8593.6	8561.5	8157.8	7476.7	6530.0	5312.2	4628.4	3764.7
-30°	4582.6	4855.8	4984.0	4953.6	4984.0	4855.8	4582.6	4159.8	3607.5	3197.2	2800.6
-32.5°	3093.7	3227.6	3299.6	3309.8	3299.6	3227.6	3093.7	2900.7	2639.4	2400.2	2214.8
-35°	2319.5	2384.9	2419.0	2421.8	2419.0	2384.9	2319.5	2221.6	2094.3	1956.5	1848.0
-37.5°	1875.1	1909.5	1924.8	1915.4	1924.8	1909.5	1875.1	1823.5	1753.9	1667.2	1600.5
-40°	1594.2	1613.2	1625.3	1636.5	1625.3	1613.2	1594.2	1564.4	1523.5	1474.0	1428.1
-42.5°	1398.4	1407.7	1412.9	1416.4	1412.9	1407.7	1398.4	1382.3	1359.5	1330.3	1300.5
-45°	1260.3	1264.5	1265.1	1262.3	1265.1	1264.5	1260.3	1251.4	1238.7	1223.0	1204.7
-47.5°	1154.4	1155.9	1155.2	1152.2	1155.2	1155.9	1154.4	1149.8	1143.2	1134.0	1121.4
-50°	1067.2	1063.7	1060.4	1056.8	1060.4	1063.7	1067.2	1068.3	1066.6	1061.2	1052.5
-52.5°	1001.8	997.9	994.4	990.7	994.4	997.9	1001.8	1003.1	1001.4	996.3	989.1
-55°	941.0	938.6	935.8	932.0	935.8	938.6	941.0	941.4	939.5	936.4	931.6
-57.5°	887.3	886.5	887.3	888.0	887.3	886.5	887.3	886.6	884.6	882.1	877.7
-60°	832.8	833.7	835.6	836.6	835.6	833.7	832.8	830.0	825.1	819.8	814.0
-62.5°	752.0	752.8	758.1	763.2	758.1	752.8	752.0	749.1	744.3	740.3	735.7
-65°	665.0	665.3	670.3	675.2	670.3	665.3	665.0	662.8	658.6	654.5	649.9
-67.5°	583.0	584.5	589.7	594.4	589.7	584.5	583.0	580.3	576.6	573.0	569.5
-70°	505.5	504.5	509.2	513.7	509.2	504.5	505.5	505.3	504.0	501.6	498.0
-72.5°	432.5	431.3	432.5	433.0	432.5	431.3	432.5	432.6	431.3	428.9	425.6
-75°	357.8	358.0	359.2	359.6	359.2	358.0	357.8	356.7	354.7	352.2	350.0
-77.5°	285.0	284.9	285.8	286.2	285.8	284.9	285.0	284.4	283.1	281.0	277.9
-80°	212.4	211.8	212.5	212.8	212.5	211.8	212.4	212.3	211.6	210.1	206.9
-82.5°	145.1	146.0	146.6	146.8	146.6	146.0	145.1	143.8	142.1	140.1	139.5
-85°	79.8	80.3	80.6	80.7	80.6	80.3	79.8	79.1	78.3	77.2	77.7
-87.5°	29.1	29.3	29.4	29.4	29.4	29.3	29.1	29.0	28.7	28.4	28.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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°	27.6	27.2	26.6	26.1	25.5	24.8	24.1	23.3	22.5	21.7	20.8
85°	77.8	77.6	77.1	74.8	72.3	69.7	66.8	63.8	60.6	57.2	53.7
82.5°	138.6	137.2	135.4	130.3	125.2	120.0	114.8	110.3	105.4	100.4	95.0
80°	203.3	199.4	195.1	189.1	182.4	174.8	166.7	159.1	151.0	143.4	136.3
77.5°	273.9	268.8	262.6	254.7	246.1	236.9	227.0	216.9	206.8	196.2	185.1
75°	346.6	342.0	335.3	325.8	315.5	304.4	291.9	278.0	264.0	250.0	236.3
72.5°	421.2	415.8	408.2	397.3	384.8	371.6	357.4	341.6	324.1	305.1	287.9
70°	493.3	487.5	480.2	470.3	457.9	443.4	426.4	407.8	388.3	367.8	346.7
67.5°	564.2	557.1	549.3	540.4	529.5	515.9	497.7	476.3	453.7	430.5	406.3
65°	643.1	633.9	623.8	614.4	602.9	588.9	570.4	549.7	525.0	496.5	465.7
62.5°	729.2	720.8	706.3	691.0	675.9	659.8	638.8	616.2	593.5	567.1	530.5
60°	808.0	800.2	781.5	762.8	744.4	724.6	700.9	677.0	653.1	624.2	590.8
57.5°	871.0	858.9	841.4	823.5	805.4	781.3	756.1	732.3	706.1	678.3	647.1
55°	925.1	911.6	893.6	874.2	853.3	829.3	804.1	777.3	752.2	729.3	697.4
52.5°	980.1	963.3	943.8	922.9	899.7	874.0	847.1	819.0	794.5	770.7	744.0
50°	1040.1	1018.7	995.4	971.0	946.3	918.5	889.3	859.5	836.0	811.2	784.3
47.5°	1104.5	1079.1	1051.6	1023.9	995.1	965.1	933.5	901.5	875.5	850.0	822.2
45°	1180.1	1147.9	1112.4	1080.6	1046.7	1013.5	979.4	946.2	913.7	885.0	858.2
42.5°	1267.8	1229.6	1189.1	1145.7	1102.0	1063.8	1025.6	989.8	953.6	919.2	888.2
40°	1378.1	1322.3	1275.3	1221.7	1169.9	1117.7	1075.9	1032.9	993.3	954.3	918.6
37.5°	1523.7	1445.7	1378.1	1308.5	1246.4	1184.5	1130.7	1081.9	1032.9	990.8	950.8
35°	1720.1	1611.0	1504.9	1415.0	1331.8	1258.8	1190.6	1133.2	1079.1	1027.8	982.9
32.5°	1998.0	1838.2	1667.9	1546.5	1432.1	1337.5	1257.2	1185.8	1124.0	1067.5	1016.2
30°	2434.0	2152.2	1910.5	1705.3	1557.5	1428.6	1325.0	1241.2	1168.5	1105.8	1048.7
27.5°	3144.7	2570.5	2235.9	1928.9	1700.9	1539.9	1405.3	1296.0	1211.8	1143.1	1080.8
25°	4297.4	3328.2	2651.0	2226.8	1896.2	1658.4	1491.8	1361.7	1258.6	1176.9	1103.6
22.5°	5985.7	4472.8	3307.8	2568.4	2135.4	1820.6	1594.3	1426.5	1300.5	1205.8	1126.1
20°	8648.2	5949.0	4264.3	3121.6	2416.3	1976.1	1702.8	1502.5	1351.8	1237.0	1146.0
17.5°	11837.1	8231.9	5347.6	3717.2	2780.6	2200.7	1829.6	1575.4	1397.1	1265.1	1162.8
15°	15050.8	10619.8	7012.0	4580.7	3177.9	2397.0	1938.5	1638.4	1441.4	1296.0	1183.9
12.5°	18599.7	13178.0	8488.7	5294.7	3587.2	2633.6	2077.4	1723.3	1489.8	1326.8	1204.3
10°	21665.2	15567.7	10263.9	6438.6	4125.6	2881.8	2204.9	1796.1	1530.2	1351.7	1220.2
7.5°	24425.4	17609.2	11752.6	7331.2	4543.1	3078.5	2307.0	1854.0	1560.6	1370.0	1231.5
5°	26384.3	19169.4	12950.1	8005.7	4841.9	3214.9	2378.0	1895.0	1580.6	1381.4	1238.0
2.5°	27606.4	20108.3	13731.2	8406.2	4988.1	3289.5	2422.6	1918.3	1597.5	1394.1	1241.6
0°	27718.2	20042.0	13840.8	8601.0	4894.9	3302.4	2443.8	1922.7	1607.2	1401.7	1240.2
-2.5°	27606.4	20108.3	13731.2	8406.2	4988.1	3289.5	2422.6	1918.3	1597.5	1394.1	1241.6
-5°	26384.3	19169.4	12950.1	8005.7	4841.9	3214.9	2378.0	1895.0	1580.6	1381.4	1238.0
-7.5°	24425.4	17609.2	11752.6	7331.2	4543.1	3078.5	2307.0	1854.0	1560.6	1370.0	1231.5
-10°	21665.2	15567.7	10263.9	6438.6	4125.6	2881.8	2204.9	1796.1	1530.2	1351.7	1220.2
-12.5°	18599.7	13178.0	8488.7	5294.7	3587.2	2633.6	2077.4	1723.3	1489.8	1326.8	1204.3
-15°	15050.8	10619.8	7012.0	4580.7	3177.9	2397.0	1938.5	1638.4	1441.4	1296.0	1183.9
-17.5°	11837.1	8231.9	5347.6	3717.2	2780.6	2200.7	1829.6	1575.4	1397.1	1265.1	1162.8
-20°	8648.2	5949.0	4264.3	3121.6	2416.3	1976.1	1702.8	1502.5	1351.8	1237.0	1146.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5985.7	4472.8	3307.8	2568.4	2135.4	1820.6	1594.3	1426.5	1300.5	1205.8	1126.1
-25°	4297.4	3328.2	2651.0	2226.8	1896.2	1658.4	1491.8	1361.7	1258.6	1176.9	1103.6
-27.5°	3144.7	2570.5	2235.9	1928.9	1700.9	1539.9	1405.3	1296.0	1211.8	1143.1	1080.8
-30°	2434.0	2152.2	1910.5	1705.3	1557.5	1428.6	1325.0	1241.2	1168.5	1105.8	1048.7
-32.5°	1998.0	1838.2	1667.9	1546.5	1432.1	1337.5	1257.2	1185.8	1124.0	1067.5	1016.2
-35°	1720.1	1611.0	1504.9	1415.0	1331.8	1258.8	1190.6	1133.2	1079.1	1027.8	982.9
-37.5°	1523.7	1445.7	1378.1	1308.5	1246.4	1184.5	1130.7	1081.9	1032.9	990.8	950.8
-40°	1378.1	1322.3	1275.3	1221.7	1169.9	1117.7	1075.9	1032.9	993.3	954.3	918.6
-42.5°	1267.8	1229.6	1189.1	1145.7	1102.0	1063.8	1025.6	989.8	953.6	919.2	888.2
-45°	1180.1	1147.9	1112.4	1080.6	1046.7	1013.5	979.4	946.2	913.7	885.0	858.2
-47.5°	1104.5	1079.1	1051.6	1023.9	995.1	965.1	933.5	901.5	875.5	850.0	822.2
-50°	1040.1	1018.7	995.4	971.0	946.3	918.5	889.3	859.5	836.0	811.2	784.3
-52.5°	980.1	963.3	943.8	922.9	899.7	874.0	847.1	819.0	794.5	770.7	744.0
-55°	925.1	911.6	893.6	874.2	853.3	829.3	804.1	777.3	752.2	729.3	697.4
-57.5°	871.0	858.9	841.4	823.5	805.4	781.3	756.1	732.3	706.1	678.3	647.1
-60°	808.0	800.2	781.5	762.8	744.4	724.6	700.9	677.0	653.1	624.2	590.8
-62.5°	729.2	720.8	706.3	691.0	675.9	659.8	638.8	616.2	593.5	567.1	530.5
-65°	643.1	633.9	623.8	614.4	602.9	588.9	570.4	549.7	525.0	496.5	465.7
-67.5°	564.2	557.1	549.3	540.4	529.5	515.9	497.7	476.3	453.7	430.5	406.3
-70°	493.3	487.5	480.2	470.3	457.9	443.4	426.4	407.8	388.3	367.8	346.7
-72.5°	421.2	415.8	408.2	397.3	384.8	371.6	357.4	341.6	324.1	305.1	287.9
-75°	346.6	342.0	335.3	325.8	315.5	304.4	291.9	278.0	264.0	250.0	236.3
-77.5°	273.9	268.8	262.6	254.7	246.1	236.9	227.0	216.9	206.8	196.2	185.1
-80°	203.3	199.4	195.1	189.1	182.4	174.8	166.7	159.1	151.0	143.4	136.3
-82.5°	138.6	137.2	135.4	130.3	125.2	120.0	114.8	110.3	105.4	100.4	95.0
-85°	77.8	77.6	77.1	74.8	72.3	69.7	66.8	63.8	60.6	57.2	53.7
-87.5°	27.6	27.2	26.6	26.1	25.5	24.8	24.1	23.3	22.5	21.7	20.8
-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: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	19.9	18.9	17.9	16.9	15.8	14.7	13.6	12.4	11.2	10.1	8.8
85°	50.0	46.1	42.1	38.0	33.7	29.4	27.1	24.8	22.5	20.1	17.7
82.5°	89.5	83.7	77.7	71.5	65.1	58.6	51.8	44.9	37.6	30.7	26.5
80°	128.9	121.2	113.2	105.0	96.7	87.7	78.7	69.3	59.1	49.2	39.8
77.5°	173.5	161.4	148.9	138.5	129.0	118.6	107.1	94.3	80.3	67.6	55.4
75°	222.3	207.8	192.8	177.9	163.8	149.4	136.4	121.3	103.8	86.0	70.8
72.5°	272.6	255.9	237.7	219.1	202.3	185.0	167.2	148.1	128.0	107.6	87.0
70°	325.9	305.1	284.8	263.8	242.2	220.5	199.9	176.9	152.0	129.0	105.7
67.5°	381.0	356.4	332.1	308.2	283.7	258.5	232.7	205.9	178.2	150.0	124.1
65°	437.6	408.5	378.8	352.2	324.7	296.6	267.8	235.1	203.9	173.0	142.2
62.5°	495.2	461.4	428.6	396.2	365.2	334.1	301.8	265.2	229.5	195.5	161.4
60°	553.2	514.3	477.3	441.2	405.6	371.0	334.5	294.3	255.3	217.5	180.7
57.5°	608.6	565.9	523.8	484.4	445.8	407.3	366.6	323.2	280.4	239.3	199.5
55°	662.6	618.9	569.5	524.7	483.6	442.7	397.6	351.6	304.8	260.5	217.8
52.5°	710.2	666.7	615.4	564.2	518.1	475.3	427.0	379.1	329.6	280.8	235.6
50°	753.3	709.3	657.8	603.6	551.3	503.8	455.2	404.6	353.6	300.8	252.7
47.5°	790.5	748.3	697.5	640.9	584.9	531.3	480.8	428.7	376.7	321.3	269.3
45°	824.2	785.8	735.5	677.5	616.1	559.1	504.8	451.4	397.1	341.2	285.2
42.5°	855.6	818.4	772.4	713.2	647.8	585.9	527.8	472.4	416.2	359.9	301.0
40°	884.1	846.8	806.9	746.6	677.9	610.9	550.5	492.2	434.3	377.2	316.5
37.5°	912.3	873.7	832.3	777.7	706.1	636.5	571.6	510.8	451.6	392.5	331.0
35°	941.2	899.8	854.6	802.2	733.0	660.0	591.0	528.4	467.8	406.9	344.4
32.5°	968.9	923.3	875.1	822.9	758.0	681.5	609.9	545.5	483.1	420.4	356.9
30°	996.2	942.6	893.2	844.1	779.9	702.4	628.4	561.4	497.3	432.9	368.2
27.5°	1016.9	959.5	909.2	860.6	798.2	721.8	646.5	576.0	510.3	444.4	378.2
25°	1035.5	975.6	922.9	873.8	816.3	741.8	663.0	589.5	522.2	454.9	387.3
22.5°	1054.2	989.7	934.4	885.0	833.5	759.9	678.6	602.9	532.9	464.3	395.5
20°	1070.3	1001.0	943.9	895.4	844.9	773.9	693.2	614.8	542.5	472.7	402.8
17.5°	1084.0	1012.6	953.8	903.8	852.7	785.8	705.9	625.1	550.7	480.0	409.1
15°	1098.0	1024.5	962.3	910.3	859.6	795.5	716.8	634.0	557.8	486.1	415.0
12.5°	1110.0	1033.4	968.8	915.0	865.3	803.2	725.8	641.2	563.5	491.9	420.4
10°	1119.4	1039.2	973.5	917.9	869.8	808.7	732.8	648.0	570.3	497.1	424.9
7.5°	1126.0	1042.1	976.2	919.1	873.0	813.6	739.7	655.3	576.4	501.2	428.5
5°	1130.4	1043.4	977.9	921.9	874.8	818.2	744.7	661.1	581.3	504.1	431.0
2.5°	1135.7	1044.0	977.9	924.0	874.9	821.0	747.6	665.3	584.9	505.8	432.5
0°	1137.5	1042.1	976.0	924.7	873.3	821.9	748.5	667.8	587.1	506.4	433.0
-2.5°	1135.7	1044.0	977.9	924.0	874.9	821.0	747.6	665.3	584.9	505.8	432.5
-5°	1130.4	1043.4	977.9	921.9	874.8	818.2	744.7	661.1	581.3	504.1	431.0
-7.5°	1126.0	1042.1	976.2	919.1	873.0	813.6	739.7	655.3	576.4	501.2	428.5
-10°	1119.4	1039.2	973.5	917.9	869.8	808.7	732.8	648.0	570.3	497.1	424.9
-12.5°	1110.0	1033.4	968.8	915.0	865.3	803.2	725.8	641.2	563.5	491.9	420.4
-15°	1098.0	1024.5	962.3	910.3	859.6	795.5	716.8	634.0	557.8	486.1	415.0
-17.5°	1084.0	1012.6	953.8	903.8	852.7	785.8	705.9	625.1	550.7	480.0	409.1
-20°	1070.3	1001.0	943.9	895.4	844.9	773.9	693.2	614.8	542.5	472.7	402.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	1054.2	989.7	934.4	885.0	833.5	759.9	678.6	602.9	532.9	464.3	395.5
-25°	1035.5	975.6	922.9	873.8	816.3	741.8	663.0	589.5	522.2	454.9	387.3
-27.5°	1016.9	959.5	909.2	860.6	798.2	721.8	646.5	576.0	510.3	444.4	378.2
-30°	996.2	942.6	893.2	844.1	779.9	702.4	628.4	561.4	497.3	432.9	368.2
-32.5°	968.9	923.3	875.1	822.9	758.0	681.5	609.9	545.5	483.1	420.4	356.9
-35°	941.2	899.8	854.6	802.2	733.0	660.0	591.0	528.4	467.8	406.9	344.4
-37.5°	912.3	873.7	832.3	777.7	706.1	636.5	571.6	510.8	451.6	392.5	331.0
-40°	884.1	846.8	806.9	746.6	677.9	610.9	550.5	492.2	434.3	377.2	316.5
-42.5°	855.6	818.4	772.4	713.2	647.8	585.9	527.8	472.4	416.2	359.9	301.0
-45°	824.2	785.8	735.5	677.5	616.1	559.1	504.8	451.4	397.1	341.2	285.2
-47.5°	790.5	748.3	697.5	640.9	584.9	531.3	480.8	428.7	376.7	321.3	269.3
-50°	753.3	709.3	657.8	603.6	551.3	503.8	455.2	404.6	353.6	300.8	252.7
-52.5°	710.2	666.7	615.4	564.2	518.1	475.3	427.0	379.1	329.6	280.8	235.6
-55°	662.6	618.9	569.5	524.7	483.6	442.7	397.6	351.6	304.8	260.5	217.8
-57.5°	608.6	565.9	523.8	484.4	445.8	407.3	366.6	323.2	280.4	239.3	199.5
-60°	553.2	514.3	477.3	441.2	405.6	371.0	334.5	294.3	255.3	217.5	180.7
-62.5°	495.2	461.4	428.6	396.2	365.2	334.1	301.8	265.2	229.5	195.5	161.4
-65°	437.6	408.5	378.8	352.2	324.7	296.6	267.8	235.1	203.9	173.0	142.2
-67.5°	381.0	356.4	332.1	308.2	283.7	258.5	232.7	205.9	178.2	150.0	124.1
-70°	325.9	305.1	284.8	263.8	242.2	220.5	199.9	176.9	152.0	129.0	105.7
-72.5°	272.6	255.9	237.7	219.1	202.3	185.0	167.2	148.1	128.0	107.6	87.0
-75°	222.3	207.8	192.8	177.9	163.8	149.4	136.4	121.3	103.8	86.0	70.8
-77.5°	173.5	161.4	148.9	138.5	129.0	118.6	107.1	94.3	80.3	67.6	55.4
-80°	128.9	121.2	113.2	105.0	96.7	87.7	78.7	69.3	59.1	49.2	39.8
-82.5°	89.5	83.7	77.7	71.5	65.1	58.6	51.8	44.9	37.6	30.7	26.5
-85°	50.0	46.1	42.1	38.0	33.7	29.4	27.1	24.8	22.5	20.1	17.7
-87.5°	19.9	18.9	17.9	16.9	15.8	14.7	13.6	12.4	11.2	10.1	8.8
-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: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-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°	7.6	6.4	5.1	3.8	2.6	1.3	0.0
85°	15.2	12.7	10.2	7.7	5.1	2.6	0.0
82.5°	22.8	19.0	15.3	11.5	7.7	3.8	0.0
80°	31.0	25.3	20.3	15.3	10.2	5.1	0.0
77.5°	44.0	33.2	25.3	19.0	12.7	6.4	0.0
75°	56.9	44.0	31.0	22.8	15.2	7.6	0.0
72.5°	69.7	54.7	39.5	26.5	17.7	8.8	0.0
70°	82.8	65.2	48.0	30.6	20.1	10.1	0.0
67.5°	98.8	75.6	56.3	36.9	22.5	11.2	0.0
65°	114.5	87.3	64.5	43.0	24.8	12.4	0.0
62.5°	130.0	100.2	72.5	49.0	27.1	13.6	0.0
60°	145.1	112.8	80.3	54.9	29.4	14.7	0.0
57.5°	161.0	125.1	90.0	60.6	33.2	15.8	0.0
55°	176.4	137.1	99.6	66.2	36.9	16.9	0.0
52.5°	191.4	148.8	108.9	71.6	40.5	17.9	0.0
50°	205.7	160.6	117.9	76.9	44.0	18.9	0.0
47.5°	219.4	171.9	126.6	82.3	47.4	19.9	0.0
45°	233.0	182.7	135.0	88.5	50.6	20.8	0.0
42.5°	246.1	193.0	143.0	94.5	53.7	21.7	0.0
40°	258.5	202.6	150.7	100.2	56.7	22.5	0.0
37.5°	270.2	211.7	158.0	105.4	59.5	23.3	0.0
35°	281.3	220.7	164.8	110.3	62.1	24.1	0.0
32.5°	291.8	229.3	171.2	114.9	64.6	24.8	0.0
30°	301.8	237.4	177.2	119.0	66.9	25.5	0.0
27.5°	310.8	244.8	182.5	122.8	69.1	26.1	0.0
25°	319.0	251.6	187.4	126.2	71.1	26.6	0.0
22.5°	326.3	257.7	192.0	129.2	72.9	27.2	0.0
20°	332.8	263.1	196.2	131.8	74.5	27.6	0.0
17.5°	338.6	267.6	199.9	134.1	75.9	28.0	0.0
15°	343.9	271.4	203.2	136.0	77.2	28.4	0.0
12.5°	348.6	274.5	206.1	137.4	78.3	28.7	0.0
10°	352.4	276.8	208.5	138.6	79.1	29.0	0.0
7.5°	355.5	278.3	210.3	139.3	79.8	29.1	0.0
5°	357.8	279.2	211.7	139.7	80.3	29.3	0.0
2.5°	359.1	279.4	212.5	139.7	80.6	29.4	0.0
0°	359.6	278.9	212.8	139.4	80.7	29.4	0.0
-2.5°	359.1	279.4	212.5	139.7	80.6	29.4	0.0
-5°	357.8	279.2	211.7	139.7	80.3	29.3	0.0
-7.5°	355.5	278.3	210.3	139.3	79.8	29.1	0.0
-10°	352.4	276.8	208.5	138.6	79.1	29.0	0.0
-12.5°	348.6	274.5	206.1	137.4	78.3	28.7	0.0
-15°	343.9	271.4	203.2	136.0	77.2	28.4	0.0
-17.5°	338.6	267.6	199.9	134.1	75.9	28.0	0.0
-20°	332.8	263.1	196.2	131.8	74.5	27.6	0.0

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Scaled Data Report



REPORT NUMBER: P627685 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	326.3	257.7	192.0	129.2	72.9	27.2	0.0
-25°	319.0	251.6	187.4	126.2	71.1	26.6	0.0
-27.5°	310.8	244.8	182.5	122.8	69.1	26.1	0.0
-30°	301.8	237.4	177.2	119.0	66.9	25.5	0.0
-32.5°	291.8	229.3	171.2	114.9	64.6	24.8	0.0
-35°	281.3	220.7	164.8	110.3	62.1	24.1	0.0
-37.5°	270.2	211.7	158.0	105.4	59.5	23.3	0.0
-40°	258.5	202.6	150.7	100.2	56.7	22.5	0.0
-42.5°	246.1	193.0	143.0	94.5	53.7	21.7	0.0
-45°	233.0	182.7	135.0	88.5	50.6	20.8	0.0
-47.5°	219.4	171.9	126.6	82.3	47.4	19.9	0.0
-50°	205.7	160.6	117.9	76.9	44.0	18.9	0.0
-52.5°	191.4	148.8	108.9	71.6	40.5	17.9	0.0
-55°	176.4	137.1	99.6	66.2	36.9	16.9	0.0
-57.5°	161.0	125.1	90.0	60.6	33.2	15.8	0.0
-60°	145.1	112.8	80.3	54.9	29.4	14.7	0.0
-62.5°	130.0	100.2	72.5	49.0	27.1	13.6	0.0
-65°	114.5	87.3	64.5	43.0	24.8	12.4	0.0
-67.5°	98.8	75.6	56.3	36.9	22.5	11.2	0.0
-70°	82.8	65.2	48.0	30.6	20.1	10.1	0.0
-72.5°	69.7	54.7	39.5	26.5	17.7	8.8	0.0
-75°	56.9	44.0	31.0	22.8	15.2	7.6	0.0
-77.5°	44.0	33.2	25.3	19.0	12.7	6.4	0.0
-80°	31.0	25.3	20.3	15.3	10.2	5.1	0.0
-82.5°	22.8	19.0	15.3	11.5	7.7	3.8	0.0
-85°	15.2	12.7	10.2	7.7	5.1	2.6	0.0
-87.5°	7.6	6.4	5.1	3.8	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)