

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: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4E-735-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N96
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

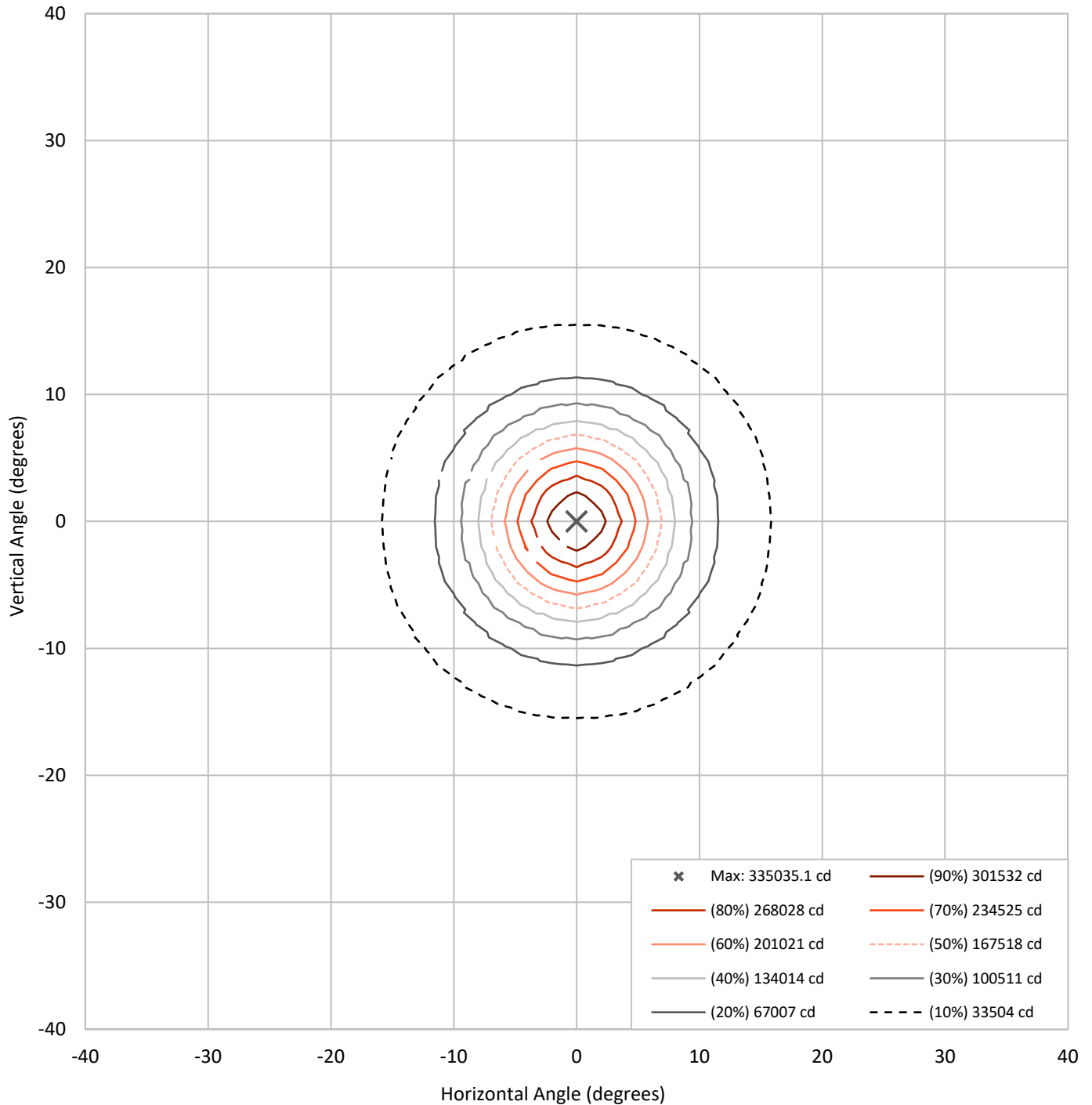
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	35575.8 lumens	Max Intensity:	335035.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	10518.2 lumens	Field Lumens:	23670.2 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	255.9		
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





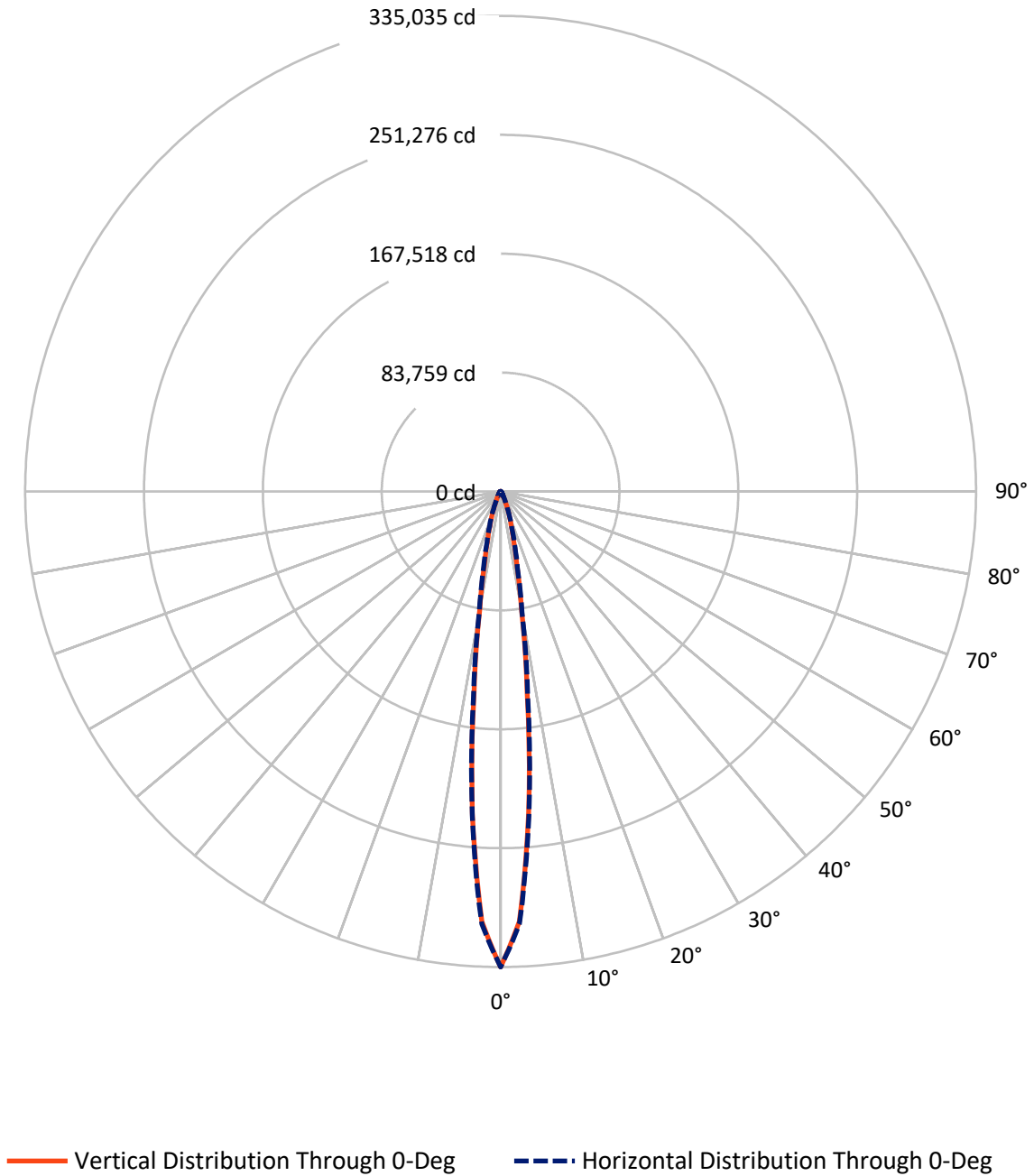
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Lumen Table

90	0.6	4.9	12.8	20.7	22.6	20.7	12.8	4.9	0.6										
80	0.6	4.9	12.8	20.7	22.6	20.7	12.8	4.9	0.6										
70	2.2	2.5	5.1	8.4	11.9	14.6	16.4	17.2	17.2	16.4	14.6	11.9	8.4	5.1	2.5	2.2			
60		3.8	7.7	12.5	16.8	20.5	23.0	23.9	23.9	23.0	20.5	16.8	12.5	7.7	3.8				
50	3.9	4.9	10.0	15.5	20.6	25.8	30.5	32.8	32.8	30.5	25.8	20.6	15.5	10.0	4.9	3.9			
40		6.0	11.8	17.8	25.3	36.4	51.3	63.5	63.5	51.3	36.4	25.3	17.8	11.8	6.0				
30	5.0	6.7	12.9	20.1	32.8	65.0	148.0	245.0	245.0	148.0	65.0	32.8	20.1	12.9	6.7	5.0			
20		7.2	13.5	22.2	43.4	138.0	490.1	1055.6	1055.6	490.1	138.0	43.4	22.2	13.5	7.2				
10	5.4	7.5	13.8	23.5	52.5	227.5	1065.4	4602.5	4602.5	1065.4	227.5	52.5	23.5	13.8	7.5	5.4			
0		7.5	13.8	23.5	52.5	227.5	1065.4	4602.5	4602.5	1065.4	227.5	52.5	23.5	13.8	7.5				
-10	5.0	7.2	13.5	22.2	43.4	138.0	490.1	1055.6	1055.6	490.1	138.0	43.4	22.2	13.5	7.2	5.0			
-20		6.7	12.9	20.1	32.8	65.0	148.0	245.0	245.0	148.0	65.0	32.8	20.1	12.9	6.7				
-30	3.9	6.0	11.8	17.8	25.3	36.4	51.3	63.5	63.5	51.3	36.4	25.3	17.8	11.8	6.0	3.9			
-40		4.9	10.0	15.5	20.6	25.8	30.5	32.8	32.8	30.5	25.8	20.6	15.5	10.0	4.9				
-50	2.2	3.8	7.7	12.5	16.8	20.5	23.0	23.9	23.9	23.0	20.5	16.8	12.5	7.7	3.8	2.2			
-60		2.5	5.1	8.4	11.9	14.6	16.4	17.2	17.2	16.4	14.6	11.9	8.4	5.1	2.5				
-70	0.6	4.9	12.8	20.7	22.6	20.7	12.8	4.9	0.6										
-80		0.6	4.9	12.8	20.7	22.6	20.7	12.8	4.9	0.6									
-90	0.6	4.9	12.8	20.7	22.6	20.7	12.8	4.9	0.6										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

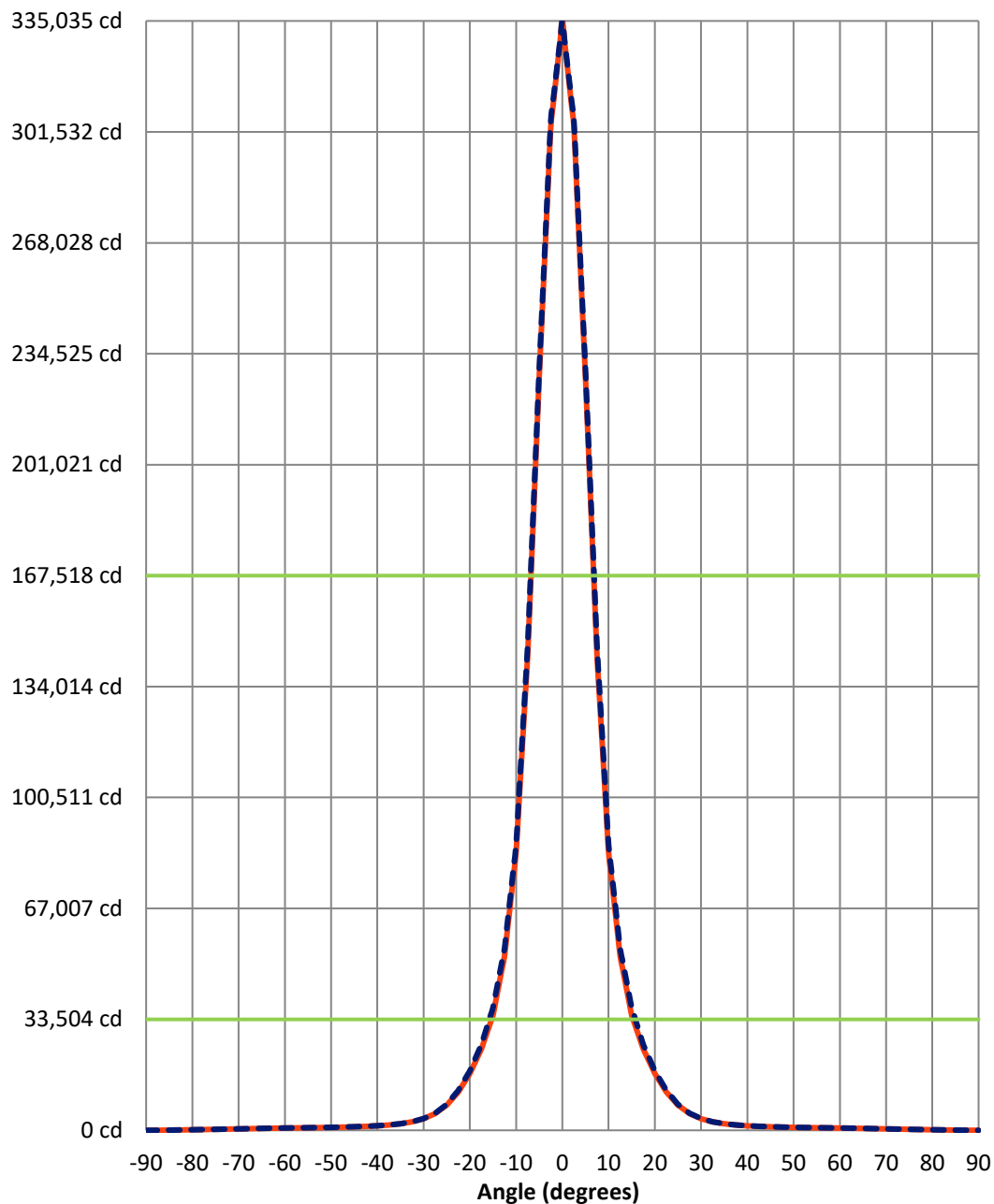
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.7°
V Angle: 13.6°
Lumens: 10518.2
Efficiency: 29.6%

Field:
H Angle: 31.6°
V Angle: 30.6°
Lumens: 23670.2
Efficiency: 66.5%

Spill:
Lumens: 11905.6
Efficiency: 33.5%

— 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	2.5	3.7	5.0	6.2	7.4	8.6	9.8	11.0	12.1
85°	0.0	2.2	5.0	7.5	10.0	12.4	14.8	17.2	19.6	21.9	24.2
82.5°	0.0	3.3	7.5	11.2	14.9	18.6	22.2	25.8	29.7	35.0	40.1
80°	0.0	4.3	9.9	14.9	19.8	24.7	30.0	37.2	44.3	51.3	58.2
77.5°	0.0	5.4	12.3	18.6	24.7	31.7	40.9	49.9	58.8	67.5	76.8
75°	0.0	6.5	14.7	22.2	29.9	40.4	51.6	62.6	73.4	85.5	97.5
72.5°	0.0	7.5	17.0	25.8	36.4	48.8	62.2	75.6	89.9	104.1	118.0
70°	0.0	8.5	19.3	29.6	42.8	57.2	72.8	89.9	106.3	122.5	140.7
67.5°	0.0	9.5	21.5	34.1	49.1	65.3	84.8	104.1	122.5	143.2	163.6
65°	0.0	10.5	23.7	38.6	55.2	74.2	96.5	118.0	140.7	163.6	187.6
62.5°	0.0	11.4	25.7	42.9	61.2	83.8	108.1	133.1	158.5	184.4	214.5
60°	0.0	12.3	27.7	47.1	67.0	93.2	119.3	148.4	176.0	207.5	240.7
57.5°	0.0	13.2	30.3	51.1	74.2	102.4	131.7	163.3	195.1	230.0	266.0
55°	0.0	14.0	32.8	55.1	81.3	111.2	144.0	177.6	214.0	251.6	290.4
52.5°	0.0	14.8	35.3	58.8	88.2	120.1	155.9	193.0	232.3	272.4	313.8
50°	0.0	15.6	37.7	62.4	94.9	129.6	167.3	208.1	249.7	292.2	336.2
47.5°	0.0	16.3	40.0	66.2	101.3	138.8	178.6	222.6	266.3	311.1	358.2
45°	0.0	17.0	42.3	70.8	107.4	147.6	190.5	236.6	282.3	330.4	379.6
42.5°	0.0	17.6	44.5	75.2	113.3	156.0	201.9	249.9	297.7	349.2	400.5
40°	0.0	18.2	46.6	79.5	119.3	164.1	212.8	262.7	312.7	367.3	420.8
37.5°	0.0	18.8	48.6	83.6	125.3	171.6	223.2	274.8	327.7	384.2	440.5
35°	0.0	19.3	50.5	87.5	131.0	179.4	232.9	286.2	341.7	400.1	459.5
32.5°	0.0	19.8	52.3	91.2	136.4	187.0	242.0	296.8	354.5	415.1	475.9
30°	0.0	20.2	54.0	94.6	141.3	194.0	250.5	306.9	366.3	428.9	490.9
27.5°	0.0	20.5	55.6	97.8	146.1	200.5	258.3	316.4	377.2	441.7	504.4
25°	0.0	20.9	57.1	100.7	150.6	206.5	265.5	325.0	387.5	452.9	516.3
22.5°	0.0	21.1	58.4	103.4	154.7	211.8	272.0	332.7	396.7	462.7	526.6
20°	0.0	21.4	59.7	105.8	158.3	216.5	277.8	339.3	404.9	471.0	536.0
17.5°	0.0	21.5	60.8	107.9	161.6	220.4	282.6	345.0	412.0	478.1	544.3
15°	0.0	21.7	61.8	109.7	164.4	223.7	286.5	350.1	418.1	483.8	551.4
12.5°	0.0	21.8	62.6	111.3	166.8	226.3	289.7	354.8	423.2	488.2	557.4
10°	0.0	21.8	63.3	112.6	168.8	228.2	292.1	358.7	427.1	493.0	563.1
7.5°	0.0	21.8	63.9	113.6	170.3	229.5	293.8	361.9	429.7	497.0	569.7
5°	0.0	21.7	64.3	114.3	171.4	230.2	294.7	364.2	431.2	500.0	575.0
2.5°	0.0	21.6	64.5	114.8	172.1	230.2	294.9	365.6	431.5	501.9	579.0
0°	0.0	21.5	64.6	114.9	172.3	229.7	294.3	366.1	430.7	502.5	581.4
-2.5°	0.0	21.6	64.5	114.8	172.1	230.2	294.9	365.6	431.5	501.9	579.0
-5°	0.0	21.7	64.3	114.3	171.4	230.2	294.7	364.2	431.2	500.0	575.0
-7.5°	0.0	21.8	63.9	113.6	170.3	229.5	293.8	361.9	429.7	497.0	569.7
-10°	0.0	21.8	63.3	112.6	168.8	228.2	292.1	358.7	427.1	493.0	563.1
-12.5°	0.0	21.8	62.6	111.3	166.8	226.3	289.7	354.8	423.2	488.2	557.4
-15°	0.0	21.7	61.8	109.7	164.4	223.7	286.5	350.1	418.1	483.8	551.4
-17.5°	0.0	21.5	60.8	107.9	161.6	220.4	282.6	345.0	412.0	478.1	544.3
-20°	0.0	21.4	59.7	105.8	158.3	216.5	277.8	339.3	404.9	471.0	536.0

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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	21.1	58.4	103.4	154.7	211.8	272.0	332.7	396.7	462.7	526.6
-25°	0.0	20.9	57.1	100.7	150.6	206.5	265.5	325.0	387.5	452.9	516.3
-27.5°	0.0	20.5	55.6	97.8	146.1	200.5	258.3	316.4	377.2	441.7	504.4
-30°	0.0	20.2	54.0	94.6	141.3	194.0	250.5	306.9	366.3	428.9	490.9
-32.5°	0.0	19.8	52.3	91.2	136.4	187.0	242.0	296.8	354.5	415.1	475.9
-35°	0.0	19.3	50.5	87.5	131.0	179.4	232.9	286.2	341.7	400.1	459.5
-37.5°	0.0	18.8	48.6	83.6	125.3	171.6	223.2	274.8	327.7	384.2	440.5
-40°	0.0	18.2	46.6	79.5	119.3	164.1	212.8	262.7	312.7	367.3	420.8
-42.5°	0.0	17.6	44.5	75.2	113.3	156.0	201.9	249.9	297.7	349.2	400.5
-45°	0.0	17.0	42.3	70.8	107.4	147.6	190.5	236.6	282.3	330.4	379.6
-47.5°	0.0	16.3	40.0	66.2	101.3	138.8	178.6	222.6	266.3	311.1	358.2
-50°	0.0	15.6	37.7	62.4	94.9	129.6	167.3	208.1	249.7	292.2	336.2
-52.5°	0.0	14.8	35.3	58.8	88.2	120.1	155.9	193.0	232.3	272.4	313.8
-55°	0.0	14.0	32.8	55.1	81.3	111.2	144.0	177.6	214.0	251.6	290.4
-57.5°	0.0	13.2	30.3	51.1	74.2	102.4	131.7	163.3	195.1	230.0	266.0
-60°	0.0	12.3	27.7	47.1	67.0	93.2	119.3	148.4	176.0	207.5	240.7
-62.5°	0.0	11.4	25.7	42.9	61.2	83.8	108.1	133.1	158.5	184.4	214.5
-65°	0.0	10.5	23.7	38.6	55.2	74.2	96.5	118.0	140.7	163.6	187.6
-67.5°	0.0	9.5	21.5	34.1	49.1	65.3	84.8	104.1	122.5	143.2	163.6
-70°	0.0	8.5	19.3	29.6	42.8	57.2	72.8	89.9	106.3	122.5	140.7
-72.5°	0.0	7.5	17.0	25.8	36.4	48.8	62.2	75.6	89.9	104.1	118.0
-75°	0.0	6.5	14.7	22.2	29.9	40.4	51.6	62.6	73.4	85.5	97.5
-77.5°	0.0	5.4	12.3	18.6	24.7	31.7	40.9	49.9	58.8	67.5	76.8
-80°	0.0	4.3	9.9	14.9	19.8	24.7	30.0	37.2	44.3	51.3	58.2
-82.5°	0.0	3.3	7.5	11.2	14.9	18.6	22.2	25.8	29.7	35.0	40.1
-85°	0.0	2.2	5.0	7.5	10.0	12.4	14.8	17.2	19.6	21.9	24.2
-87.5°	0.0	1.1	2.5	3.7	5.0	6.2	7.4	8.6	9.8	11.0	12.1
-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°	13.2	14.3	15.4	16.5	17.5	18.4	19.4	20.3	21.2	22.0	22.8
85°	26.5	28.7	31.9	35.0	37.7	40.0	41.9	43.6	46.5	49.6	52.9
82.5°	45.2	50.1	54.9	59.6	62.8	65.4	67.9	71.5	77.9	84.0	89.5
80°	64.9	71.5	78.9	86.2	92.4	98.6	105.1	111.8	118.8	125.3	131.6
77.5°	86.6	96.2	105.5	114.6	123.6	133.4	142.9	152.0	160.7	169.0	176.9
75°	109.2	120.7	133.4	145.9	158.0	169.8	181.3	193.6	205.4	216.6	227.3
72.5°	133.1	148.4	163.4	177.9	193.7	209.1	224.0	238.3	252.3	266.9	282.3
70°	158.5	176.0	195.4	214.1	231.6	250.0	268.4	284.3	299.4	319.5	340.1
67.5°	184.6	208.2	230.1	251.2	274.6	296.2	315.0	335.1	356.7	379.9	400.3
65°	215.3	240.9	266.5	293.1	320.1	342.7	366.2	391.1	415.5	438.7	460.8
62.5°	245.6	274.6	304.0	333.0	360.8	387.9	416.2	444.0	470.8	497.8	521.5
60°	274.9	307.8	338.7	369.0	400.6	434.2	465.7	496.4	528.5	559.0	575.0
57.5°	303.1	338.3	370.7	404.7	441.7	479.7	512.6	547.5	575.0	596.2	616.9
55°	329.7	366.2	401.7	440.0	480.2	519.6	556.3	587.4	612.8	632.2	654.2
52.5°	354.6	393.1	431.7	473.5	516.2	558.2	596.7	625.8	648.6	668.5	689.1
50°	379.0	419.4	460.3	506.1	551.8	596.6	634.2	660.9	682.4	702.8	723.9
47.5°	403.0	445.4	489.4	538.2	587.8	631.0	666.7	691.0	712.7	736.7	759.9
45°	426.5	472.4	519.1	571.4	621.3	662.9	693.2	717.6	744.5	770.4	795.2
42.5°	449.5	499.1	549.6	603.9	652.1	689.6	717.9	746.7	775.7	803.2	831.2
40°	472.7	524.6	578.2	632.2	680.7	713.0	743.0	774.1	806.0	835.9	867.0
37.5°	495.0	548.7	603.9	658.5	702.5	735.3	766.5	800.7	834.3	867.1	907.5
35°	516.1	570.6	626.3	679.1	721.4	755.4	790.2	826.3	861.6	903.9	950.0
32.5°	535.0	590.2	646.7	695.9	737.3	774.0	813.0	850.7	893.1	941.0	996.3
30°	550.9	607.4	664.1	712.1	752.6	791.4	833.7	875.4	924.9	982.5	1048.2
27.5°	564.9	622.9	677.9	726.0	767.2	805.8	850.4	902.9	959.8	1024.3	1101.6
25°	578.0	638.5	691.0	738.8	778.9	819.2	866.9	925.0	993.4	1071.2	1165.7
22.5°	590.3	653.5	704.3	750.8	788.0	831.6	885.3	948.4	1022.9	1114.0	1229.1
20°	602.1	664.7	714.9	760.3	794.8	842.3	901.5	968.9	1053.5	1162.2	1295.3
17.5°	613.0	674.3	723.3	765.9	803.8	853.8	915.8	985.6	1080.2	1206.0	1356.2
15°	622.8	682.3	730.0	770.5	811.8	865.8	930.7	1006.3	1109.6	1247.7	1410.1
12.5°	631.5	688.8	735.1	774.0	818.2	875.7	944.0	1027.9	1141.3	1288.7	1478.5
10°	639.0	693.8	738.7	776.5	823.0	883.2	955.0	1045.5	1166.5	1320.5	1531.1
7.5°	645.3	697.8	741.1	777.8	826.2	888.5	963.6	1058.8	1184.2	1343.0	1569.0
5°	649.8	701.0	744.1	782.2	831.0	892.7	969.9	1068.0	1194.5	1356.5	1592.6
2.5°	652.4	702.9	745.9	786.5	836.2	896.2	974.6	1078.0	1202.9	1369.6	1610.7
0°	653.2	703.5	746.5	789.6	839.8	897.3	976.2	1083.9	1205.9	1378.2	1622.3
-2.5°	652.4	702.9	745.9	786.5	836.2	896.2	974.6	1078.0	1202.9	1369.6	1610.7
-5°	649.8	701.0	744.1	782.2	831.0	892.7	969.9	1068.0	1194.5	1356.5	1592.6
-7.5°	645.3	697.8	741.1	777.8	826.2	888.5	963.6	1058.8	1184.2	1343.0	1569.0
-10°	639.0	693.8	738.7	776.5	823.0	883.2	955.0	1045.5	1166.5	1320.5	1531.1
-12.5°	631.5	688.8	735.1	774.0	818.2	875.7	944.0	1027.9	1141.3	1288.7	1478.5
-15°	622.8	682.3	730.0	770.5	811.8	865.8	930.7	1006.3	1109.6	1247.7	1410.1
-17.5°	613.0	674.3	723.3	765.9	803.8	853.8	915.8	985.6	1080.2	1206.0	1356.2
-20°	602.1	664.7	714.9	760.3	794.8	842.3	901.5	968.9	1053.5	1162.2	1295.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	590.3	653.5	704.3	750.8	788.0	831.6	885.3	948.4	1022.9	1114.0	1229.1
-25°	578.0	638.5	691.0	738.8	778.9	819.2	866.9	925.0	993.4	1071.2	1165.7
-27.5°	564.9	622.9	677.9	726.0	767.2	805.8	850.4	902.9	959.8	1024.3	1101.6
-30°	550.9	607.4	664.1	712.1	752.6	791.4	833.7	875.4	924.9	982.5	1048.2
-32.5°	535.0	590.2	646.7	695.9	737.3	774.0	813.0	850.7	893.1	941.0	996.3
-35°	516.1	570.6	626.3	679.1	721.4	755.4	790.2	826.3	861.6	903.9	950.0
-37.5°	495.0	548.7	603.9	658.5	702.5	735.3	766.5	800.7	834.3	867.1	907.5
-40°	472.7	524.6	578.2	632.2	680.7	713.0	743.0	774.1	806.0	835.9	867.0
-42.5°	449.5	499.1	549.6	603.9	652.1	689.6	717.9	746.7	775.7	803.2	831.2
-45°	426.5	472.4	519.1	571.4	621.3	662.9	693.2	717.6	744.5	770.4	795.2
-47.5°	403.0	445.4	489.4	538.2	587.8	631.0	666.7	691.0	712.7	736.7	759.9
-50°	379.0	419.4	460.3	506.1	551.8	596.6	634.2	660.9	682.4	702.8	723.9
-52.5°	354.6	393.1	431.7	473.5	516.2	558.2	596.7	625.8	648.6	668.5	689.1
-55°	329.7	366.2	401.7	440.0	480.2	519.6	556.3	587.4	612.8	632.2	654.2
-57.5°	303.1	338.3	370.7	404.7	441.7	479.7	512.6	547.5	575.0	596.2	616.9
-60°	274.9	307.8	338.7	369.0	400.6	434.2	465.7	496.4	528.5	559.0	575.0
-62.5°	245.6	274.6	304.0	333.0	360.8	387.9	416.2	444.0	470.8	497.8	521.5
-65°	215.3	240.9	266.5	293.1	320.1	342.7	366.2	391.1	415.5	438.7	460.8
-67.5°	184.6	208.2	230.1	251.2	274.6	296.2	315.0	335.1	356.7	379.9	400.3
-70°	158.5	176.0	195.4	214.1	231.6	250.0	268.4	284.3	299.4	319.5	340.1
-72.5°	133.1	148.4	163.4	177.9	193.7	209.1	224.0	238.3	252.3	266.9	282.3
-75°	109.2	120.7	133.4	145.9	158.0	169.8	181.3	193.6	205.4	216.6	227.3
-77.5°	86.6	96.2	105.5	114.6	123.6	133.4	142.9	152.0	160.7	169.0	176.9
-80°	64.9	71.5	78.9	86.2	92.4	98.6	105.1	111.8	118.8	125.3	131.6
-82.5°	45.2	50.1	54.9	59.6	62.8	65.4	67.9	71.5	77.9	84.0	89.5
-85°	26.5	28.7	31.9	35.0	37.7	40.0	41.9	43.6	46.5	49.6	52.9
-87.5°	13.2	14.3	15.4	16.5	17.5	18.4	19.4	20.3	21.2	22.0	22.8
-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: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-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°	23.5	24.2	24.9	25.5	26.0	26.5	27.0	27.4	27.7	26.3	24.7
85°	56.1	58.3	60.2	62.0	63.7	65.2	66.6	67.8	68.9	68.0	66.9
82.5°	94.6	98.3	101.7	104.9	107.8	110.5	112.9	115.0	116.8	116.7	116.2
80°	137.6	143.7	149.9	156.0	162.0	165.7	168.3	170.3	171.7	172.3	172.5
77.5°	185.0	194.5	204.4	214.2	223.7	229.2	233.2	236.4	239.0	239.6	239.1
75°	237.4	249.7	263.2	275.1	285.3	291.6	296.0	299.7	302.7	303.4	303.1
72.5°	298.4	313.5	325.6	335.6	344.3	351.1	356.6	361.2	365.0	366.6	366.8
70°	358.3	373.3	384.8	395.0	403.5	410.5	417.1	422.7	427.3	430.8	433.3
67.5°	419.1	436.2	448.0	457.2	464.5	471.8	480.6	488.1	494.5	498.8	500.9
65°	481.5	499.1	510.5	520.6	529.4	538.8	548.5	555.7	560.4	563.3	565.2
62.5°	541.8	558.3	572.7	586.0	598.9	609.6	616.2	622.2	627.3	631.6	634.8
60°	593.7	614.7	630.8	643.6	656.2	668.3	676.5	682.9	688.0	691.7	694.1
57.5°	638.0	659.4	678.4	690.8	704.4	718.9	728.4	733.8	738.9	743.2	745.2
55°	676.7	696.5	713.9	730.9	746.2	759.2	769.3	776.7	782.9	787.8	789.4
52.5°	711.5	733.0	753.6	771.7	786.6	799.0	809.0	818.2	825.2	829.9	832.0
50°	748.1	771.3	793.3	813.0	828.4	842.3	854.8	865.6	875.9	884.0	889.9
47.5°	784.1	808.8	833.1	854.8	873.3	893.5	911.6	927.0	942.0	954.1	962.6
45°	820.4	848.9	875.4	903.3	928.3	954.8	979.4	1000.5	1022.4	1038.8	1050.0
42.5°	860.7	893.1	924.9	959.8	993.8	1028.3	1065.6	1098.9	1124.6	1148.7	1168.2
40°	903.9	941.0	982.5	1025.2	1075.4	1121.0	1171.1	1214.1	1253.0	1294.1	1326.8
37.5°	950.0	996.3	1050.8	1108.0	1172.9	1235.3	1300.7	1365.0	1421.1	1487.3	1537.8
35°	1000.9	1062.7	1129.8	1207.2	1288.0	1377.4	1466.9	1570.3	1659.3	1757.2	1842.5
32.5°	1061.2	1134.9	1223.1	1325.1	1429.0	1564.5	1691.1	1855.7	1998.0	2153.4	2309.9
30°	1123.2	1219.6	1333.4	1461.8	1627.0	1813.3	2021.1	2265.9	2518.4	2762.7	3057.4
27.5°	1200.0	1316.4	1454.1	1641.9	1884.9	2136.8	2493.9	2861.6	3325.6	3709.4	4250.6
25°	1279.9	1416.8	1612.5	1867.9	2185.1	2622.2	3164.2	3751.7	4568.2	5285.6	6126.9
22.5°	1366.7	1551.7	1795.1	2110.3	2591.4	3262.3	4083.0	5189.0	6393.3	7672.0	8943.9
20°	1457.3	1681.0	2000.1	2456.9	3117.0	4025.8	5434.7	7142.0	8862.5	10972.3	12840.5
17.5°	1562.1	1846.8	2240.0	2811.4	3692.3	5084.3	7038.9	9422.4	12091.6	15125.1	17818.4
15°	1649.4	1988.9	2485.3	3284.6	4496.1	6283.8	8748.6	12027.6	16038.7	20112.7	24246.0
12.5°	1750.8	2143.5	2726.5	3679.6	5201.1	7576.9	10932.1	15082.4	20091.8	25742.7	32404.2
10°	1840.8	2295.3	3020.0	4199.8	6059.2	8925.7	12997.5	17990.5	24455.3	32585.6	42901.6
7.5°	1907.6	2416.2	3246.6	4595.8	6801.1	10222.4	14949.0	21175.3	29389.8	40125.7	54283.7
5°	1950.9	2503.6	3406.9	4901.2	7381.8	11187.5	16379.2	23434.1	33344.3	48528.5	72503.1
2.5°	1976.8	2555.4	3498.5	5080.4	7734.9	11826.8	17467.3	25142.1	35907.1	53721.4	84221.6
0°	1988.4	2569.8	3553.2	5175.5	7852.9	12073.7	17967.0	25920.5	37053.8	54934.7	86281.9
-2.5°	1976.8	2555.4	3498.5	5080.4	7734.9	11826.8	17467.3	25142.1	35907.1	53721.4	84221.6
-5°	1950.9	2503.6	3406.9	4901.2	7381.8	11187.5	16379.2	23434.1	33344.3	48528.5	72503.1
-7.5°	1907.6	2416.2	3246.6	4595.8	6801.1	10222.4	14949.0	21175.3	29389.8	40125.7	54283.7
-10°	1840.8	2295.3	3020.0	4199.8	6059.2	8925.7	12997.5	17990.5	24455.3	32585.6	42901.6
-12.5°	1750.8	2143.5	2726.5	3679.6	5201.1	7576.9	10932.1	15082.4	20091.8	25742.7	32404.2
-15°	1649.4	1988.9	2485.3	3284.6	4496.1	6283.8	8748.6	12027.6	16038.7	20112.7	24246.0
-17.5°	1562.1	1846.8	2240.0	2811.4	3692.3	5084.3	7038.9	9422.4	12091.6	15125.1	17818.4
-20°	1457.3	1681.0	2000.1	2456.9	3117.0	4025.8	5434.7	7142.0	8862.5	10972.3	12840.5



REPORT NUMBER: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1366.7	1551.7	1795.1	2110.3	2591.4	3262.3	4083.0	5189.0	6393.3	7672.0	8943.9
-25°	1279.9	1416.8	1612.5	1867.9	2185.1	2622.2	3164.2	3751.7	4568.2	5285.6	6126.9
-27.5°	1200.0	1316.4	1454.1	1641.9	1884.9	2136.8	2493.9	2861.6	3325.6	3709.4	4250.6
-30°	1123.2	1219.6	1333.4	1461.8	1627.0	1813.3	2021.1	2265.9	2518.4	2762.7	3057.4
-32.5°	1061.2	1134.9	1223.1	1325.1	1429.0	1564.5	1691.1	1855.7	1998.0	2153.4	2309.9
-35°	1000.9	1062.7	1129.8	1207.2	1288.0	1377.4	1466.9	1570.3	1659.3	1757.2	1842.5
-37.5°	950.0	996.3	1050.8	1108.0	1172.9	1235.3	1300.7	1365.0	1421.1	1487.3	1537.8
-40°	903.9	941.0	982.5	1025.2	1075.4	1121.0	1171.1	1214.1	1253.0	1294.1	1326.8
-42.5°	860.7	893.1	924.9	959.8	993.8	1028.3	1065.6	1098.9	1124.6	1148.7	1168.2
-45°	820.4	848.9	875.4	903.3	928.3	954.8	979.4	1000.5	1022.4	1038.8	1050.0
-47.5°	784.1	808.8	833.1	854.8	873.3	893.5	911.6	927.0	942.0	954.1	962.6
-50°	748.1	771.3	793.3	813.0	828.4	842.3	854.8	865.6	875.9	884.0	889.9
-52.5°	711.5	733.0	753.6	771.7	786.6	799.0	809.0	818.2	825.2	829.9	832.0
-55°	676.7	696.5	713.9	730.9	746.2	759.2	769.3	776.7	782.9	787.8	789.4
-57.5°	638.0	659.4	678.4	690.8	704.4	718.9	728.4	733.8	738.9	743.2	745.2
-60°	593.7	614.7	630.8	643.6	656.2	668.3	676.5	682.9	688.0	691.7	694.1
-62.5°	541.8	558.3	572.7	586.0	598.9	609.6	616.2	622.2	627.3	631.6	634.8
-65°	481.5	499.1	510.5	520.6	529.4	538.8	548.5	555.7	560.4	563.3	565.2
-67.5°	419.1	436.2	448.0	457.2	464.5	471.8	480.6	488.1	494.5	498.8	500.9
-70°	358.3	373.3	384.8	395.0	403.5	410.5	417.1	422.7	427.3	430.8	433.3
-72.5°	298.4	313.5	325.6	335.6	344.3	351.1	356.6	361.2	365.0	366.6	366.8
-75°	237.4	249.7	263.2	275.1	285.3	291.6	296.0	299.7	302.7	303.4	303.1
-77.5°	185.0	194.5	204.4	214.2	223.7	229.2	233.2	236.4	239.0	239.6	239.1
-80°	137.6	143.7	149.9	156.0	162.0	165.7	168.3	170.3	171.7	172.3	172.5
-82.5°	94.6	98.3	101.7	104.9	107.8	110.5	112.9	115.0	116.8	116.7	116.2
-85°	56.1	58.3	60.2	62.0	63.7	65.2	66.6	67.8	68.9	68.0	66.9
-87.5°	23.5	24.2	24.9	25.5	26.0	26.5	27.0	27.4	27.7	26.3	24.7
-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: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-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°	23.1	21.4	21.5	21.5	21.5	21.4	23.1	24.7	26.3	27.7	27.4
85°	65.7	64.3	64.5	64.6	64.5	64.3	65.7	66.9	68.0	68.9	67.8
82.5°	115.4	114.4	114.8	114.9	114.8	114.4	115.4	116.2	116.7	116.8	115.0
80°	172.2	171.5	168.5	165.1	168.5	171.5	172.2	172.5	172.3	171.7	170.3
77.5°	237.8	235.8	233.1	229.7	233.1	235.8	237.8	239.1	239.6	239.0	236.4
75°	302.1	300.2	301.1	301.5	301.1	300.2	302.1	303.1	303.4	302.7	299.7
72.5°	366.2	364.7	365.7	366.1	365.7	364.7	366.2	366.8	366.6	365.0	361.2
70°	435.0	435.9	434.0	430.7	434.0	435.9	435.0	433.3	430.8	427.3	422.7
67.5°	501.5	500.7	498.6	495.3	498.6	500.7	501.5	500.9	498.8	494.5	488.1
65°	565.9	565.2	566.4	567.1	566.4	565.2	565.9	565.2	563.3	560.4	555.7
62.5°	636.5	636.5	635.0	631.7	635.0	636.5	636.5	634.8	631.6	627.3	622.2
60°	695.0	694.5	692.5	689.1	692.5	694.5	695.0	694.1	691.7	688.0	682.9
57.5°	745.8	745.0	742.9	739.4	742.9	745.0	745.8	745.2	743.2	738.9	733.8
55°	789.6	788.5	786.1	782.4	786.1	788.5	789.6	789.4	787.8	782.9	776.7
52.5°	832.6	831.7	831.9	832.7	831.9	831.7	832.6	832.0	829.9	825.2	818.2
50°	893.5	894.7	893.7	890.1	893.7	894.7	893.5	889.9	884.0	875.9	865.6
47.5°	966.6	967.1	965.3	961.9	965.3	967.1	966.6	962.6	954.1	942.0	927.0
45°	1058.7	1063.9	1065.3	1062.4	1065.3	1063.9	1058.7	1050.0	1038.8	1022.4	1000.5
42.5°	1183.3	1191.5	1193.9	1191.6	1193.9	1191.5	1183.3	1168.2	1148.7	1124.6	1098.9
40°	1346.9	1356.2	1358.0	1356.7	1358.0	1356.2	1346.9	1326.8	1294.1	1253.0	1214.1
37.5°	1573.3	1596.0	1606.7	1607.9	1606.7	1596.0	1573.3	1537.8	1487.3	1421.1	1365.0
35°	1907.5	1952.6	1976.8	1988.4	1976.8	1952.6	1907.5	1842.5	1757.2	1659.3	1570.3
32.5°	2428.5	2518.7	2568.7	2562.6	2568.7	2518.7	2428.5	2309.9	2153.4	1998.0	1855.7
30°	3279.5	3437.4	3516.8	3495.8	3516.8	3437.4	3279.5	3057.4	2762.7	2518.4	2265.9
27.5°	4639.3	4924.6	5089.5	5067.8	5089.5	4924.6	4639.3	4250.6	3709.4	3325.6	2861.6
25°	6830.2	7350.9	7684.2	7601.7	7684.2	7350.9	6830.2	6126.9	5285.6	4568.2	3751.7
22.5°	10163.1	11045.2	11628.9	11556.9	11628.9	11045.2	10163.1	8943.9	7672.0	6393.3	5189.0
20°	14734.9	16077.4	17036.1	17163.1	17036.1	16077.4	14734.9	12840.5	10972.3	8862.5	7142.0
17.5°	20727.6	22856.3	24338.1	24585.3	24338.1	22856.3	20727.6	17818.4	15125.1	12091.6	9422.4
15°	28516.0	31995.2	34513.1	34720.9	34513.1	31995.2	28516.0	24246.0	20112.7	16038.7	12027.6
12.5°	39091.5	46089.0	50655.9	52666.4	50655.9	46089.0	39091.5	32404.2	25742.7	20091.8	15082.4
10°	53727.4	69800.3	80093.7	83963.4	80093.7	69800.3	53727.4	42901.6	32585.6	24455.3	17990.5
7.5°	78173.7	103408.7	131463.3	143420.4	131463.3	103408.7	78173.7	54283.7	40125.7	29389.8	21175.3
5°	105857.3	158229.9	208045.6	227498.5	208045.6	158229.9	105857.3	72503.1	48528.5	33344.3	23434.1
2.5°	134987.4	207987.3	276393.8	303146.0	276393.8	207987.3	134987.4	84221.6	53721.4	35907.1	25142.1
0°	146363.4	229774.0	305037.4	335035.1	305037.4	229774.0	146363.4	86281.9	54934.7	37053.8	25920.5
-2.5°	134987.4	207987.3	276393.8	303146.0	276393.8	207987.3	134987.4	84221.6	53721.4	35907.1	25142.1
-5°	105857.3	158229.9	208045.6	227498.5	208045.6	158229.9	105857.3	72503.1	48528.5	33344.3	23434.1
-7.5°	78173.7	103408.7	131463.3	143420.4	131463.3	103408.7	78173.7	54283.7	40125.7	29389.8	21175.3
-10°	53727.4	69800.3	80093.7	83963.4	80093.7	69800.3	53727.4	42901.6	32585.6	24455.3	17990.5
-12.5°	39091.5	46089.0	50655.9	52666.4	50655.9	46089.0	39091.5	32404.2	25742.7	20091.8	15082.4
-15°	28516.0	31995.2	34513.1	34720.9	34513.1	31995.2	28516.0	24246.0	20112.7	16038.7	12027.6
-17.5°	20727.6	22856.3	24338.1	24585.3	24338.1	22856.3	20727.6	17818.4	15125.1	12091.6	9422.4
-20°	14734.9	16077.4	17036.1	17163.1	17036.1	16077.4	14734.9	12840.5	10972.3	8862.5	7142.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10163.1	11045.2	11628.9	11556.9	11628.9	11045.2	10163.1	8943.9	7672.0	6393.3	5189.0
-25°	6830.2	7350.9	7684.2	7601.7	7684.2	7350.9	6830.2	6126.9	5285.6	4568.2	3751.7
-27.5°	4639.3	4924.6	5089.5	5067.8	5089.5	4924.6	4639.3	4250.6	3709.4	3325.6	2861.6
-30°	3279.5	3437.4	3516.8	3495.8	3516.8	3437.4	3279.5	3057.4	2762.7	2518.4	2265.9
-32.5°	2428.5	2518.7	2568.7	2562.6	2568.7	2518.7	2428.5	2309.9	2153.4	1998.0	1855.7
-35°	1907.5	1952.6	1976.8	1988.4	1976.8	1952.6	1907.5	1842.5	1757.2	1659.3	1570.3
-37.5°	1573.3	1596.0	1606.7	1607.9	1606.7	1596.0	1573.3	1537.8	1487.3	1421.1	1365.0
-40°	1346.9	1356.2	1358.0	1356.7	1358.0	1356.2	1346.9	1326.8	1294.1	1253.0	1214.1
-42.5°	1183.3	1191.5	1193.9	1191.6	1193.9	1191.5	1183.3	1168.2	1148.7	1124.6	1098.9
-45°	1058.7	1063.9	1065.3	1062.4	1065.3	1063.9	1058.7	1050.0	1038.8	1022.4	1000.5
-47.5°	966.6	967.1	965.3	961.9	965.3	967.1	966.6	962.6	954.1	942.0	927.0
-50°	893.5	894.7	893.7	890.1	893.7	894.7	893.5	889.9	884.0	875.9	865.6
-52.5°	832.6	831.7	831.9	832.7	831.9	831.7	832.6	832.0	829.9	825.2	818.2
-55°	789.6	788.5	786.1	782.4	786.1	788.5	789.6	789.4	787.8	782.9	776.7
-57.5°	745.8	745.0	742.9	739.4	742.9	745.0	745.8	745.2	743.2	738.9	733.8
-60°	695.0	694.5	692.5	689.1	692.5	694.5	695.0	694.1	691.7	688.0	682.9
-62.5°	636.5	636.5	635.0	631.7	635.0	636.5	636.5	634.8	631.6	627.3	622.2
-65°	565.9	565.2	566.4	567.1	566.4	565.2	565.9	565.2	563.3	560.4	555.7
-67.5°	501.5	500.7	498.6	495.3	498.6	500.7	501.5	500.9	498.8	494.5	488.1
-70°	435.0	435.9	434.0	430.7	434.0	435.9	435.0	433.3	430.8	427.3	422.7
-72.5°	366.2	364.7	365.7	366.1	365.7	364.7	366.2	366.8	366.6	365.0	361.2
-75°	302.1	300.2	301.1	301.5	301.1	300.2	302.1	303.1	303.4	302.7	299.7
-77.5°	237.8	235.8	233.1	229.7	233.1	235.8	237.8	239.1	239.6	239.0	236.4
-80°	172.2	171.5	168.5	165.1	168.5	171.5	172.2	172.5	172.3	171.7	170.3
-82.5°	115.4	114.4	114.8	114.9	114.8	114.4	115.4	116.2	116.7	116.8	115.0
-85°	65.7	64.3	64.5	64.6	64.5	64.3	65.7	66.9	68.0	68.9	67.8
-87.5°	23.1	21.4	21.5	21.5	21.5	21.4	23.1	24.7	26.3	27.7	27.4
-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: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-U-NR-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°	27.0	26.5	26.0	25.5	24.9	24.2	23.5	22.8	22.0	21.2	20.3
85°	66.6	65.2	63.7	62.0	60.2	58.3	56.1	52.9	49.6	46.5	43.6
82.5°	112.9	110.5	107.8	104.9	101.7	98.3	94.6	89.5	84.0	77.9	71.5
80°	168.3	165.7	162.0	156.0	149.9	143.7	137.6	131.6	125.3	118.8	111.8
77.5°	233.2	229.2	223.7	214.2	204.4	194.5	185.0	176.9	169.0	160.7	152.0
75°	296.0	291.6	285.3	275.1	263.2	249.7	237.4	227.3	216.6	205.4	193.6
72.5°	356.6	351.1	344.3	335.6	325.6	313.5	298.4	282.3	266.9	252.3	238.3
70°	417.1	410.5	403.5	395.0	384.8	373.3	358.3	340.1	319.5	299.4	284.3
67.5°	480.6	471.8	464.5	457.2	448.0	436.2	419.1	400.3	379.9	356.7	335.1
65°	548.5	538.8	529.4	520.6	510.5	499.1	481.5	460.8	438.7	415.5	391.1
62.5°	616.2	609.6	598.9	586.0	572.7	558.3	541.8	521.5	497.8	470.8	444.0
60°	676.5	668.3	656.2	643.6	630.8	614.7	593.7	575.0	559.0	528.5	496.4
57.5°	728.4	718.9	704.4	690.8	678.4	659.4	638.0	616.9	596.2	575.0	547.5
55°	769.3	759.2	746.2	730.9	713.9	696.5	676.7	654.2	632.2	612.8	587.4
52.5°	809.0	799.0	786.6	771.7	753.6	733.0	711.5	689.1	668.5	648.6	625.8
50°	854.8	842.3	828.4	813.0	793.3	771.3	748.1	723.9	702.8	682.4	660.9
47.5°	911.6	893.5	873.3	854.8	833.1	808.8	784.1	759.9	736.7	712.7	691.0
45°	979.4	954.8	928.3	903.3	875.4	848.9	820.4	795.2	770.4	744.5	717.6
42.5°	1065.6	1028.3	993.8	959.8	924.9	893.1	860.7	831.2	803.2	775.7	746.7
40°	1171.1	1121.0	1075.4	1025.2	982.5	941.0	903.9	867.0	835.9	806.0	774.1
37.5°	1300.7	1235.3	1172.9	1108.0	1050.8	996.3	950.0	907.5	867.1	834.3	800.7
35°	1466.9	1377.4	1288.0	1207.2	1129.8	1062.7	1000.9	950.0	903.9	861.6	826.3
32.5°	1691.1	1564.5	1429.0	1325.1	1223.1	1134.9	1061.2	996.3	941.0	893.1	850.7
30°	2021.1	1813.3	1627.0	1461.8	1333.4	1219.6	1123.2	1048.2	982.5	924.9	875.4
27.5°	2493.9	2136.8	1884.9	1641.9	1454.1	1316.4	1200.0	1101.6	1024.3	959.8	902.9
25°	3164.2	2622.2	2185.1	1867.9	1612.5	1416.8	1279.9	1165.7	1071.2	993.4	925.0
22.5°	4083.0	3262.3	2591.4	2110.3	1795.1	1551.7	1366.7	1229.1	1114.0	1022.9	948.4
20°	5434.7	4025.8	3117.0	2456.9	2000.1	1681.0	1457.3	1295.3	1162.2	1053.5	968.9
17.5°	7038.9	5084.3	3692.3	2811.4	2240.0	1846.8	1562.1	1356.2	1206.0	1080.2	985.6
15°	8748.6	6283.8	4496.1	3284.6	2485.3	1988.9	1649.4	1410.1	1247.7	1109.6	1006.3
12.5°	10932.1	7576.9	5201.1	3679.6	2726.5	2143.5	1750.8	1478.5	1288.7	1141.3	1027.9
10°	12997.5	8925.7	6059.2	4199.8	3020.0	2295.3	1840.8	1531.1	1320.5	1166.5	1045.5
7.5°	14949.0	10222.4	6801.1	4595.8	3246.6	2416.2	1907.6	1569.0	1343.0	1184.2	1058.8
5°	16379.2	11187.5	7381.8	4901.2	3406.9	2503.6	1950.9	1592.6	1356.5	1194.5	1068.0
2.5°	17467.3	11826.8	7734.9	5080.4	3498.5	2555.4	1976.8	1610.7	1369.6	1202.9	1078.0
0°	17967.0	12073.7	7852.9	5175.5	3553.2	2569.8	1988.4	1622.3	1378.2	1205.9	1083.9
-2.5°	17467.3	11826.8	7734.9	5080.4	3498.5	2555.4	1976.8	1610.7	1369.6	1202.9	1078.0
-5°	16379.2	11187.5	7381.8	4901.2	3406.9	2503.6	1950.9	1592.6	1356.5	1194.5	1068.0
-7.5°	14949.0	10222.4	6801.1	4595.8	3246.6	2416.2	1907.6	1569.0	1343.0	1184.2	1058.8
-10°	12997.5	8925.7	6059.2	4199.8	3020.0	2295.3	1840.8	1531.1	1320.5	1166.5	1045.5
-12.5°	10932.1	7576.9	5201.1	3679.6	2726.5	2143.5	1750.8	1478.5	1288.7	1141.3	1027.9
-15°	8748.6	6283.8	4496.1	3284.6	2485.3	1988.9	1649.4	1410.1	1247.7	1109.6	1006.3
-17.5°	7038.9	5084.3	3692.3	2811.4	2240.0	1846.8	1562.1	1356.2	1206.0	1080.2	985.6
-20°	5434.7	4025.8	3117.0	2456.9	2000.1	1681.0	1457.3	1295.3	1162.2	1053.5	968.9

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4083.0	3262.3	2591.4	2110.3	1795.1	1551.7	1366.7	1229.1	1114.0	1022.9	948.4
-25°	3164.2	2622.2	2185.1	1867.9	1612.5	1416.8	1279.9	1165.7	1071.2	993.4	925.0
-27.5°	2493.9	2136.8	1884.9	1641.9	1454.1	1316.4	1200.0	1101.6	1024.3	959.8	902.9
-30°	2021.1	1813.3	1627.0	1461.8	1333.4	1219.6	1123.2	1048.2	982.5	924.9	875.4
-32.5°	1691.1	1564.5	1429.0	1325.1	1223.1	1134.9	1061.2	996.3	941.0	893.1	850.7
-35°	1466.9	1377.4	1288.0	1207.2	1129.8	1062.7	1000.9	950.0	903.9	861.6	826.3
-37.5°	1300.7	1235.3	1172.9	1108.0	1050.8	996.3	950.0	907.5	867.1	834.3	800.7
-40°	1171.1	1121.0	1075.4	1025.2	982.5	941.0	903.9	867.0	835.9	806.0	774.1
-42.5°	1065.6	1028.3	993.8	959.8	924.9	893.1	860.7	831.2	803.2	775.7	746.7
-45°	979.4	954.8	928.3	903.3	875.4	848.9	820.4	795.2	770.4	744.5	717.6
-47.5°	911.6	893.5	873.3	854.8	833.1	808.8	784.1	759.9	736.7	712.7	691.0
-50°	854.8	842.3	828.4	813.0	793.3	771.3	748.1	723.9	702.8	682.4	660.9
-52.5°	809.0	799.0	786.6	771.7	753.6	733.0	711.5	689.1	668.5	648.6	625.8
-55°	769.3	759.2	746.2	730.9	713.9	696.5	676.7	654.2	632.2	612.8	587.4
-57.5°	728.4	718.9	704.4	690.8	678.4	659.4	638.0	616.9	596.2	575.0	547.5
-60°	676.5	668.3	656.2	643.6	630.8	614.7	593.7	575.0	559.0	528.5	496.4
-62.5°	616.2	609.6	598.9	586.0	572.7	558.3	541.8	521.5	497.8	470.8	444.0
-65°	548.5	538.8	529.4	520.6	510.5	499.1	481.5	460.8	438.7	415.5	391.1
-67.5°	480.6	471.8	464.5	457.2	448.0	436.2	419.1	400.3	379.9	356.7	335.1
-70°	417.1	410.5	403.5	395.0	384.8	373.3	358.3	340.1	319.5	299.4	284.3
-72.5°	356.6	351.1	344.3	335.6	325.6	313.5	298.4	282.3	266.9	252.3	238.3
-75°	296.0	291.6	285.3	275.1	263.2	249.7	237.4	227.3	216.6	205.4	193.6
-77.5°	233.2	229.2	223.7	214.2	204.4	194.5	185.0	176.9	169.0	160.7	152.0
-80°	168.3	165.7	162.0	156.0	149.9	143.7	137.6	131.6	125.3	118.8	111.8
-82.5°	112.9	110.5	107.8	104.9	101.7	98.3	94.6	89.5	84.0	77.9	71.5
-85°	66.6	65.2	63.7	62.0	60.2	58.3	56.1	52.9	49.6	46.5	43.6
-87.5°	27.0	26.5	26.0	25.5	24.9	24.2	23.5	22.8	22.0	21.2	20.3
-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: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-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°	19.4	18.4	17.5	16.5	15.4	14.3	13.2	12.1	11.0	9.8	8.6
85°	41.9	40.0	37.7	35.0	31.9	28.7	26.5	24.2	21.9	19.6	17.2
82.5°	67.9	65.4	62.8	59.6	54.9	50.1	45.2	40.1	35.0	29.7	25.8
80°	105.1	98.6	92.4	86.2	78.9	71.5	64.9	58.2	51.3	44.3	37.2
77.5°	142.9	133.4	123.6	114.6	105.5	96.2	86.6	76.8	67.5	58.8	49.9
75°	181.3	169.8	158.0	145.9	133.4	120.7	109.2	97.5	85.5	73.4	62.6
72.5°	224.0	209.1	193.7	177.9	163.4	148.4	133.1	118.0	104.1	89.9	75.6
70°	268.4	250.0	231.6	214.1	195.4	176.0	158.5	140.7	122.5	106.3	89.9
67.5°	315.0	296.2	274.6	251.2	230.1	208.2	184.6	163.6	143.2	122.5	104.1
65°	366.2	342.7	320.1	293.1	266.5	240.9	215.3	187.6	163.6	140.7	118.0
62.5°	416.2	387.9	360.8	333.0	304.0	274.6	245.6	214.5	184.4	158.5	133.1
60°	465.7	434.2	400.6	369.0	338.7	307.8	274.9	240.7	207.5	176.0	148.4
57.5°	512.6	479.7	441.7	404.7	370.7	338.3	303.1	266.0	230.0	195.1	163.3
55°	556.3	519.6	480.2	440.0	401.7	366.2	329.7	290.4	251.6	214.0	177.6
52.5°	596.7	558.2	516.2	473.5	431.7	393.1	354.6	313.8	272.4	232.3	193.0
50°	634.2	596.6	551.8	506.1	460.3	419.4	379.0	336.2	292.2	249.7	208.1
47.5°	666.7	631.0	587.8	538.2	489.4	445.4	403.0	358.2	311.1	266.3	222.6
45°	693.2	662.9	621.3	571.4	519.1	472.4	426.5	379.6	330.4	282.3	236.6
42.5°	717.9	689.6	652.1	603.9	549.6	499.1	449.5	400.5	349.2	297.7	249.9
40°	743.0	713.0	680.7	632.2	578.2	524.6	472.7	420.8	367.3	312.7	262.7
37.5°	766.5	735.3	702.5	658.5	603.9	548.7	495.0	440.5	384.2	327.7	274.8
35°	790.2	755.4	721.4	679.1	626.3	570.6	516.1	459.5	400.1	341.7	286.2
32.5°	813.0	774.0	737.3	695.9	646.7	590.2	535.0	475.9	415.1	354.5	296.8
30°	833.7	791.4	752.6	712.1	664.1	607.4	550.9	490.9	428.9	366.3	306.9
27.5°	850.4	805.8	767.2	726.0	677.9	622.9	564.9	504.4	441.7	377.2	316.4
25°	866.9	819.2	778.9	738.8	691.0	638.5	578.0	516.3	452.9	387.5	325.0
22.5°	885.3	831.6	788.0	750.8	704.3	653.5	590.3	526.6	462.7	396.7	332.7
20°	901.5	842.3	794.8	760.3	714.9	664.7	602.1	536.0	471.0	404.9	339.3
17.5°	915.8	853.8	803.8	765.9	723.3	674.3	613.0	544.3	478.1	412.0	345.0
15°	930.7	865.8	811.8	770.5	730.0	682.3	622.8	551.4	483.8	418.1	350.1
12.5°	944.0	875.7	818.2	774.0	735.1	688.8	631.5	557.4	488.2	423.2	354.8
10°	955.0	883.2	823.0	776.5	738.7	693.8	639.0	563.1	493.0	427.1	358.7
7.5°	963.6	888.5	826.2	777.8	741.1	697.8	645.3	569.7	497.0	429.7	361.9
5°	969.9	892.7	831.0	782.2	744.1	701.0	649.8	575.0	500.0	431.2	364.2
2.5°	974.6	896.2	836.2	786.5	745.9	702.9	652.4	579.0	501.9	431.5	365.6
0°	976.2	897.3	839.8	789.6	746.5	703.5	653.2	581.4	502.5	430.7	366.1
-2.5°	974.6	896.2	836.2	786.5	745.9	702.9	652.4	579.0	501.9	431.5	365.6
-5°	969.9	892.7	831.0	782.2	744.1	701.0	649.8	575.0	500.0	431.2	364.2
-7.5°	963.6	888.5	826.2	777.8	741.1	697.8	645.3	569.7	497.0	429.7	361.9
-10°	955.0	883.2	823.0	776.5	738.7	693.8	639.0	563.1	493.0	427.1	358.7
-12.5°	944.0	875.7	818.2	774.0	735.1	688.8	631.5	557.4	488.2	423.2	354.8
-15°	930.7	865.8	811.8	770.5	730.0	682.3	622.8	551.4	483.8	418.1	350.1
-17.5°	915.8	853.8	803.8	765.9	723.3	674.3	613.0	544.3	478.1	412.0	345.0
-20°	901.5	842.3	794.8	760.3	714.9	664.7	602.1	536.0	471.0	404.9	339.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	885.3	831.6	788.0	750.8	704.3	653.5	590.3	526.6	462.7	396.7	332.7
-25°	866.9	819.2	778.9	738.8	691.0	638.5	578.0	516.3	452.9	387.5	325.0
-27.5°	850.4	805.8	767.2	726.0	677.9	622.9	564.9	504.4	441.7	377.2	316.4
-30°	833.7	791.4	752.6	712.1	664.1	607.4	550.9	490.9	428.9	366.3	306.9
-32.5°	813.0	774.0	737.3	695.9	646.7	590.2	535.0	475.9	415.1	354.5	296.8
-35°	790.2	755.4	721.4	679.1	626.3	570.6	516.1	459.5	400.1	341.7	286.2
-37.5°	766.5	735.3	702.5	658.5	603.9	548.7	495.0	440.5	384.2	327.7	274.8
-40°	743.0	713.0	680.7	632.2	578.2	524.6	472.7	420.8	367.3	312.7	262.7
-42.5°	717.9	689.6	652.1	603.9	549.6	499.1	449.5	400.5	349.2	297.7	249.9
-45°	693.2	662.9	621.3	571.4	519.1	472.4	426.5	379.6	330.4	282.3	236.6
-47.5°	666.7	631.0	587.8	538.2	489.4	445.4	403.0	358.2	311.1	266.3	222.6
-50°	634.2	596.6	551.8	506.1	460.3	419.4	379.0	336.2	292.2	249.7	208.1
-52.5°	596.7	558.2	516.2	473.5	431.7	393.1	354.6	313.8	272.4	232.3	193.0
-55°	556.3	519.6	480.2	440.0	401.7	366.2	329.7	290.4	251.6	214.0	177.6
-57.5°	512.6	479.7	441.7	404.7	370.7	338.3	303.1	266.0	230.0	195.1	163.3
-60°	465.7	434.2	400.6	369.0	338.7	307.8	274.9	240.7	207.5	176.0	148.4
-62.5°	416.2	387.9	360.8	333.0	304.0	274.6	245.6	214.5	184.4	158.5	133.1
-65°	366.2	342.7	320.1	293.1	266.5	240.9	215.3	187.6	163.6	140.7	118.0
-67.5°	315.0	296.2	274.6	251.2	230.1	208.2	184.6	163.6	143.2	122.5	104.1
-70°	268.4	250.0	231.6	214.1	195.4	176.0	158.5	140.7	122.5	106.3	89.9
-72.5°	224.0	209.1	193.7	177.9	163.4	148.4	133.1	118.0	104.1	89.9	75.6
-75°	181.3	169.8	158.0	145.9	133.4	120.7	109.2	97.5	85.5	73.4	62.6
-77.5°	142.9	133.4	123.6	114.6	105.5	96.2	86.6	76.8	67.5	58.8	49.9
-80°	105.1	98.6	92.4	86.2	78.9	71.5	64.9	58.2	51.3	44.3	37.2
-82.5°	67.9	65.4	62.8	59.6	54.9	50.1	45.2	40.1	35.0	29.7	25.8
-85°	41.9	40.0	37.7	35.0	31.9	28.7	26.5	24.2	21.9	19.6	17.2
-87.5°	19.4	18.4	17.5	16.5	15.4	14.3	13.2	12.1	11.0	9.8	8.6
-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: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-735-U-NR-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°	7.4	6.2	5.0	3.7	2.5	1.1	0.0
85°	14.8	12.4	10.0	7.5	5.0	2.2	0.0
82.5°	22.2	18.6	14.9	11.2	7.5	3.3	0.0
80°	30.0	24.7	19.8	14.9	9.9	4.3	0.0
77.5°	40.9	31.7	24.7	18.6	12.3	5.4	0.0
75°	51.6	40.4	29.9	22.2	14.7	6.5	0.0
72.5°	62.2	48.8	36.4	25.8	17.0	7.5	0.0
70°	72.8	57.2	42.8	29.6	19.3	8.5	0.0
67.5°	84.8	65.3	49.1	34.1	21.5	9.5	0.0
65°	96.5	74.2	55.2	38.6	23.7	10.5	0.0
62.5°	108.1	83.8	61.2	42.9	25.7	11.4	0.0
60°	119.3	93.2	67.0	47.1	27.7	12.3	0.0
57.5°	131.7	102.4	74.2	51.1	30.3	13.2	0.0
55°	144.0	111.2	81.3	55.1	32.8	14.0	0.0
52.5°	155.9	120.1	88.2	58.8	35.3	14.8	0.0
50°	167.3	129.6	94.9	62.4	37.7	15.6	0.0
47.5°	178.6	138.8	101.3	66.2	40.0	16.3	0.0
45°	190.5	147.6	107.4	70.8	42.3	17.0	0.0
42.5°	201.9	156.0	113.3	75.2	44.5	17.6	0.0
40°	212.8	164.1	119.3	79.5	46.6	18.2	0.0
37.5°	223.2	171.6	125.3	83.6	48.6	18.8	0.0
35°	232.9	179.4	131.0	87.5	50.5	19.3	0.0
32.5°	242.0	187.0	136.4	91.2	52.3	19.8	0.0
30°	250.5	194.0	141.3	94.6	54.0	20.2	0.0
27.5°	258.3	200.5	146.1	97.8	55.6	20.5	0.0
25°	265.5	206.5	150.6	100.7	57.1	20.9	0.0
22.5°	272.0	211.8	154.7	103.4	58.4	21.1	0.0
20°	277.8	216.5	158.3	105.8	59.7	21.4	0.0
17.5°	282.6	220.4	161.6	107.9	60.8	21.5	0.0
15°	286.5	223.7	164.4	109.7	61.8	21.7	0.0
12.5°	289.7	226.3	166.8	111.3	62.6	21.8	0.0
10°	292.1	228.2	168.8	112.6	63.3	21.8	0.0
7.5°	293.8	229.5	170.3	113.6	63.9	21.8	0.0
5°	294.7	230.2	171.4	114.3	64.3	21.7	0.0
2.5°	294.9	230.2	172.1	114.8	64.5	21.6	0.0
0°	294.3	229.7	172.3	114.9	64.6	21.5	0.0
-2.5°	294.9	230.2	172.1	114.8	64.5	21.6	0.0
-5°	294.7	230.2	171.4	114.3	64.3	21.7	0.0
-7.5°	293.8	229.5	170.3	113.6	63.9	21.8	0.0
-10°	292.1	228.2	168.8	112.6	63.3	21.8	0.0
-12.5°	289.7	226.3	166.8	111.3	62.6	21.8	0.0
-15°	286.5	223.7	164.4	109.7	61.8	21.7	0.0
-17.5°	282.6	220.4	161.6	107.9	60.8	21.5	0.0
-20°	277.8	216.5	158.3	105.8	59.7	21.4	0.0

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REPORT NUMBER: P627519 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	272.0	211.8	154.7	103.4	58.4	21.1	0.0
-25°	265.5	206.5	150.6	100.7	57.1	20.9	0.0
-27.5°	258.3	200.5	146.1	97.8	55.6	20.5	0.0
-30°	250.5	194.0	141.3	94.6	54.0	20.2	0.0
-32.5°	242.0	187.0	136.4	91.2	52.3	19.8	0.0
-35°	232.9	179.4	131.0	87.5	50.5	19.3	0.0
-37.5°	223.2	171.6	125.3	83.6	48.6	18.8	0.0
-40°	212.8	164.1	119.3	79.5	46.6	18.2	0.0
-42.5°	201.9	156.0	113.3	75.2	44.5	17.6	0.0
-45°	190.5	147.6	107.4	70.8	42.3	17.0	0.0
-47.5°	178.6	138.8	101.3	66.2	40.0	16.3	0.0
-50°	167.3	129.6	94.9	62.4	37.7	15.6	0.0
-52.5°	155.9	120.1	88.2	58.8	35.3	14.8	0.0
-55°	144.0	111.2	81.3	55.1	32.8	14.0	0.0
-57.5°	131.7	102.4	74.2	51.1	30.3	13.2	0.0
-60°	119.3	93.2	67.0	47.1	27.7	12.3	0.0
-62.5°	108.1	83.8	61.2	42.9	25.7	11.4	0.0
-65°	96.5	74.2	55.2	38.6	23.7	10.5	0.0
-67.5°	84.8	65.3	49.1	34.1	21.5	9.5	0.0
-70°	72.8	57.2	42.8	29.6	19.3	8.5	0.0
-72.5°	62.2	48.8	36.4	25.8	17.0	7.5	0.0
-75°	51.6	40.4	29.9	22.2	14.7	6.5	0.0
-77.5°	40.9	31.7	24.7	18.6	12.3	5.4	0.0
-80°	30.0	24.7	19.8	14.9	9.9	4.3	0.0
-82.5°	22.2	18.6	14.9	11.2	7.5	3.3	0.0
-85°	14.8	12.4	10.0	7.5	5.0	2.2	0.0
-87.5°	7.4	6.2	5.0	3.7	2.5	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)