

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



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

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3E-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-727-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N66
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20440.1 lumens
Efficiency: N/A
Efficacy: 110.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 24016.3 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 13566.9 lumens
Beam Efficiency: 66.4%

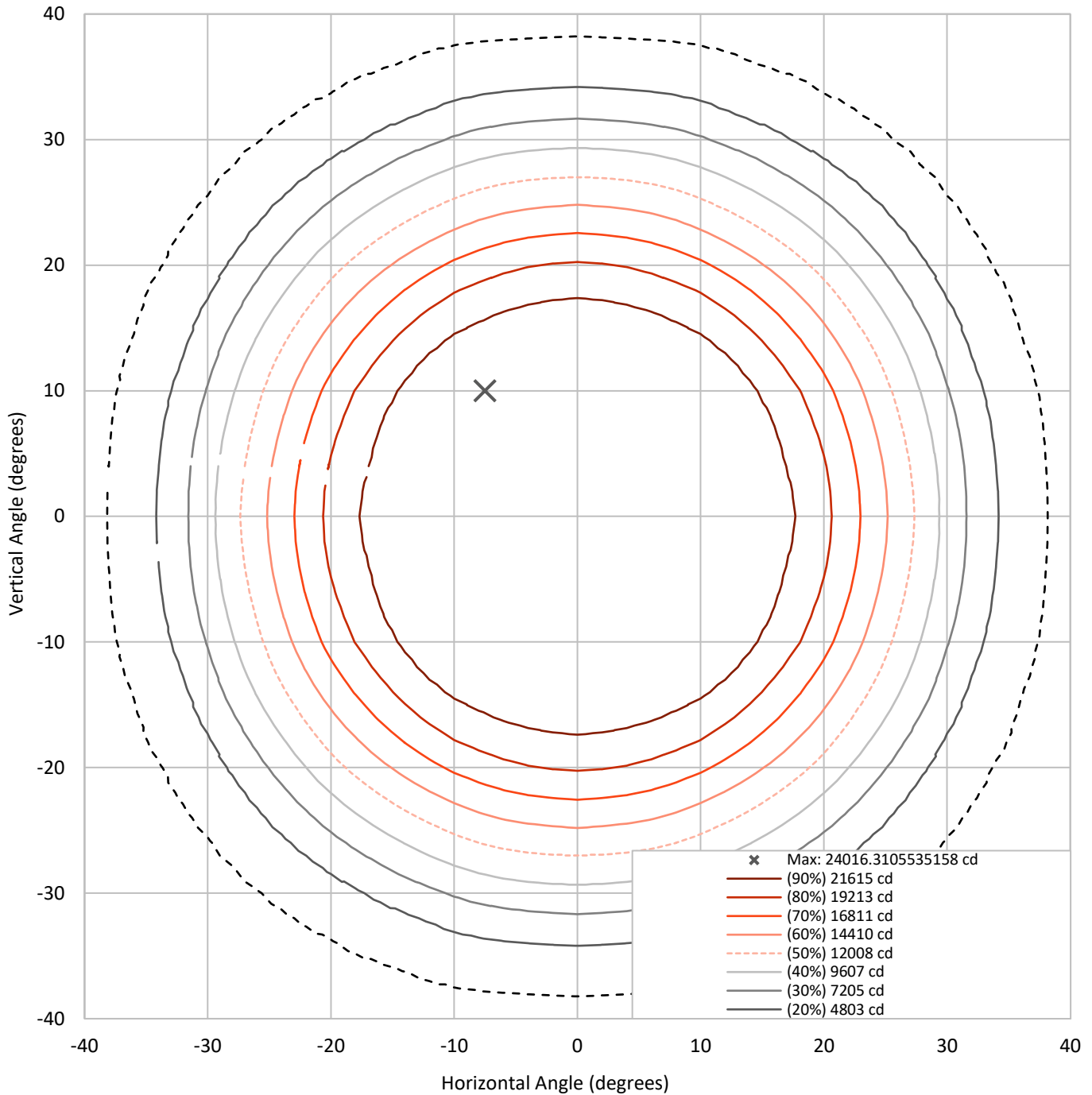
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 17640.9 lumens
Field Efficiency: 86.3%

Input Watts (W): 185.2
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: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-727-U-MWR-XX

Iso-Candela Plot





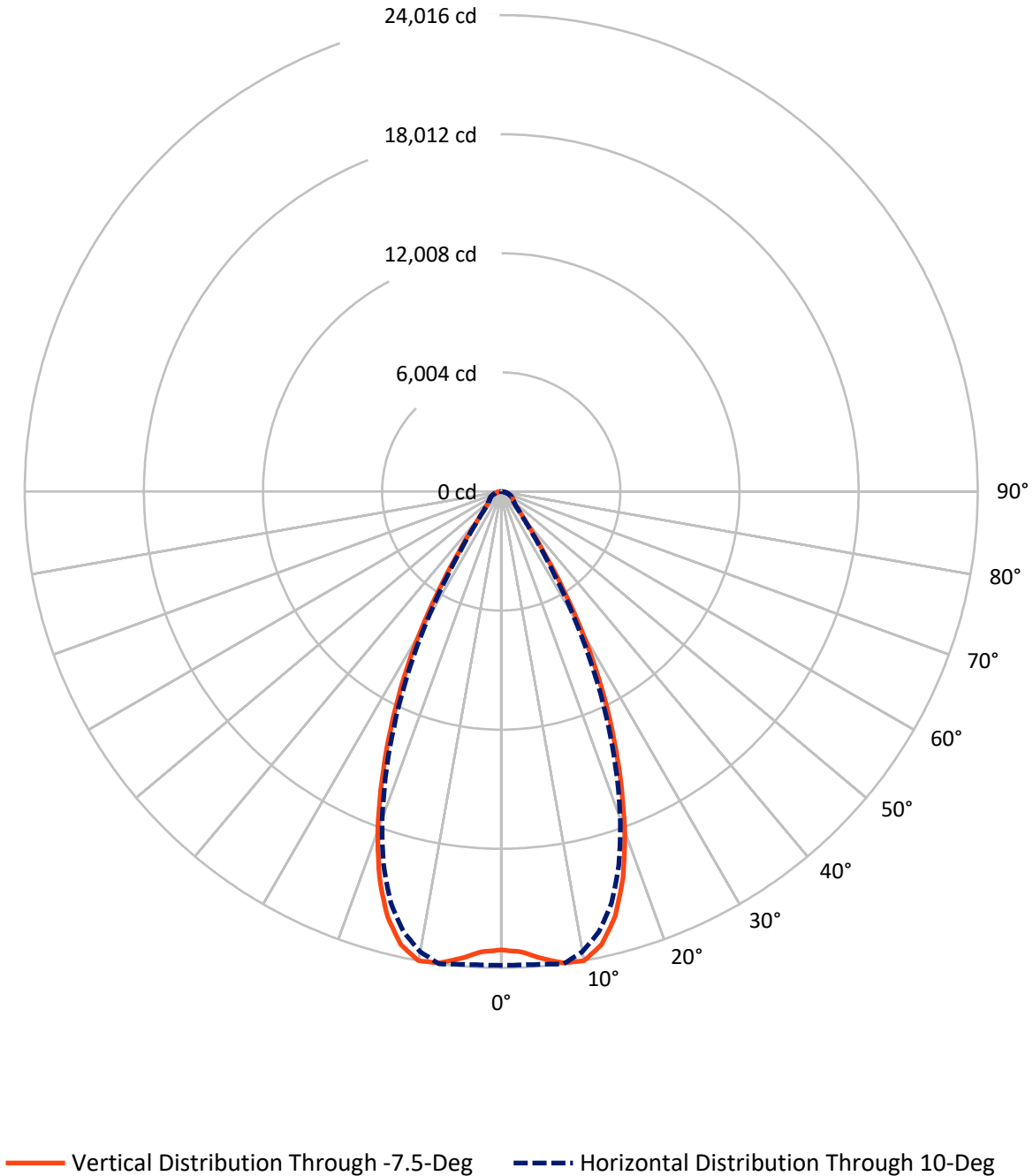
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Lumen Table

90																			
80	0.5	4.8		12.8		20.3		22.7		20.3		12.8		4.8		0.5			
70																			
60	2.2	2.5	5.0	8.2	11.5	13.9	15.7	16.6	16.6	15.7	13.9	11.5	8.2	5.0	2.5	2.2			
50		3.7	7.4	11.8	15.8	19.1	21.3	22.3	22.3	21.3	19.1	15.8	11.8	7.4	3.7				
40	3.8	4.7	9.3	14.3	19.2	25.0	31.4	36.0	36.0	31.4	25.0	19.2	14.3	9.3	4.7	3.8			
30		5.6	10.8	16.5	25.5	46.5	88.9	131.8	131.8	88.9	46.5	25.5	16.5	10.8	5.6				
20	5.0	6.3	11.8	19.2	41.9	131.2	294.4	411.1	411.1	294.4	131.2	41.9	19.2	11.8	6.3	5.0			
10		6.7	12.5	22.8	75.7	279.7	534.2	668.6	668.6	534.2	279.7	75.7	22.8	12.5	6.7				
0	5.4	6.9	12.8	25.7	109.0	382.8	648.1	705.1	705.1	648.1	382.8	109.0	25.7	12.8	6.9	5.4			
-10		6.9	12.8	25.7	109.0	382.8	648.1	705.1	705.1	648.1	382.8	109.0	25.7	12.8	6.9				
-20	5.0	6.7	12.5	22.8	75.7	279.7	534.2	668.6	668.6	534.2	279.7	75.7	22.8	12.5	6.7	5.0			
-30		6.3	11.8	19.2	41.9	131.2	294.4	411.1	411.1	294.4	131.2	41.9	19.2	11.8	6.3				
-40	3.8	5.6	10.8	16.5	25.5	46.5	88.9	131.8	131.8	88.9	46.5	25.5	16.5	10.8	5.6	3.8			
-50		4.7	9.3	14.3	19.2	25.0	31.4	36.0	36.0	31.4	25.0	19.2	14.3	9.3	4.7				
-60	2.2	3.7	7.4	11.8	15.8	19.1	21.3	22.3	22.3	21.3	19.1	15.8	11.8	7.4	3.7	2.2			
-70		2.5	5.0	8.2	11.5	13.9	15.7	16.6	16.6	15.7	13.9	11.5	8.2	5.0	2.5				
-80	0.5	4.8		12.8		20.3		22.7		20.3		12.8		4.8		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

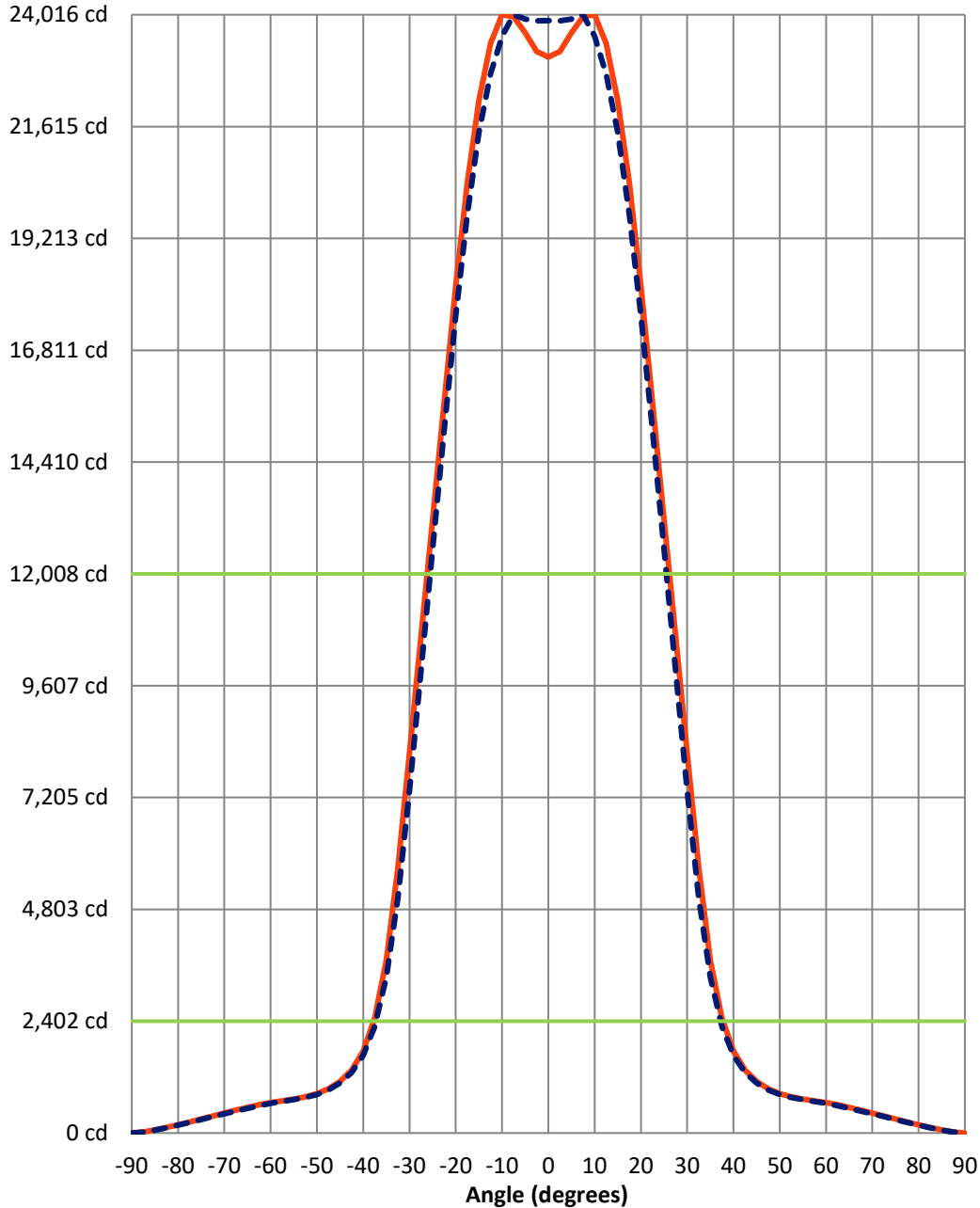
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 13566.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 17640.9
 Efficiency: 86.3%

Spill:
 Lumens: 2799.2
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.9	1.8	2.7	3.6	4.5	5.4	6.6	7.9	9.2	10.6
85°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	13.2	15.8	18.4	21.2
82.5°	0.0	2.7	5.5	8.2	10.9	13.6	16.3	19.8	24.1	30.3	36.3
80°	0.0	3.6	7.3	10.9	14.5	18.1	22.4	30.9	39.0	46.7	53.9
77.5°	0.0	4.5	9.1	13.6	18.1	24.4	34.1	44.2	53.8	62.9	72.6
75°	0.0	5.4	10.9	16.3	22.4	34.1	45.8	57.5	68.9	82.2	95.2
72.5°	0.0	6.3	12.6	18.9	30.1	43.8	57.3	71.3	87.0	102.4	117.5
70°	0.0	7.2	14.3	22.1	37.7	53.3	68.9	87.0	104.8	122.4	140.8
67.5°	0.0	8.0	16.1	27.7	45.2	62.6	82.0	102.4	122.4	142.9	163.9
65°	0.0	8.9	17.7	33.2	52.6	72.5	94.9	117.5	140.1	163.1	187.5
62.5°	0.0	9.7	19.4	38.7	59.8	82.8	107.5	132.5	157.3	183.3	212.8
60°	0.0	10.5	21.0	44.0	66.8	92.9	119.7	147.0	174.1	205.3	237.5
57.5°	0.0	11.3	24.4	49.1	74.5	102.7	131.9	161.2	192.4	226.7	260.8
55°	0.0	12.0	27.6	54.1	82.1	112.1	143.9	175.0	210.7	247.3	283.1
52.5°	0.0	12.8	30.8	59.0	89.3	121.4	155.6	190.2	228.3	266.8	304.7
50°	0.0	13.5	33.9	63.7	96.3	131.0	167.0	205.1	245.1	285.6	325.8
47.5°	0.0	14.2	36.8	68.4	103.0	140.2	178.2	219.4	261.3	303.8	346.1
45°	0.0	14.8	39.6	73.2	109.4	149.1	189.9	233.0	276.9	321.4	365.6
42.5°	0.0	15.5	42.2	77.8	115.5	157.8	201.0	246.0	291.7	338.2	384.0
40°	0.0	16.1	44.8	82.0	121.7	166.0	211.5	258.2	305.9	354.2	401.7
37.5°	0.0	16.7	47.1	85.9	127.9	173.9	221.4	269.8	319.6	369.7	418.8
35°	0.0	17.2	49.3	89.6	133.9	181.6	230.7	280.6	332.6	384.2	434.7
32.5°	0.0	17.7	51.4	93.1	139.5	188.9	239.3	290.6	345.0	397.6	448.7
30°	0.0	18.2	53.3	96.3	144.7	195.6	247.3	300.0	356.7	410.0	461.7
27.5°	0.0	18.6	55.0	99.2	149.4	201.8	254.7	309.3	367.3	421.3	473.8
25°	0.0	19.0	56.6	101.9	153.6	207.5	261.4	318.0	376.5	431.3	484.8
22.5°	0.0	19.4	58.0	104.3	157.5	212.5	267.3	325.8	384.8	440.3	494.8
20°	0.0	19.7	59.2	106.5	160.9	216.8	272.6	333.0	392.2	448.2	503.7
17.5°	0.0	20.0	60.3	108.4	163.9	220.6	277.4	339.3	398.5	455.1	511.5
15°	0.0	20.3	61.1	109.9	166.4	223.8	281.7	345.0	403.9	461.1	518.2
12.5°	0.0	20.5	61.9	111.3	168.5	226.4	285.4	350.0	408.7	466.0	523.8
10°	0.0	20.7	62.4	112.3	170.2	228.5	288.5	354.1	412.9	470.6	528.5
7.5°	0.0	20.8	62.8	113.0	171.4	230.0	291.0	357.3	416.1	474.3	532.6
5°	0.0	20.9	63.0	113.5	172.1	231.0	292.8	359.6	418.4	477.0	535.6
2.5°	0.0	21.0	63.1	113.6	172.4	231.4	293.8	361.0	419.8	478.6	537.4
0°	0.0	21.0	63.0	113.5	172.3	231.2	294.2	361.5	420.3	479.1	538.0
-2.5°	0.0	21.0	63.1	113.6	172.4	231.4	293.8	361.0	419.8	478.6	537.4
-5°	0.0	20.9	63.0	113.5	172.1	231.0	292.8	359.6	418.4	477.0	535.6
-7.5°	0.0	20.8	62.8	113.0	171.4	230.0	291.0	357.3	416.1	474.3	532.6
-10°	0.0	20.7	62.4	112.3	170.2	228.5	288.5	354.1	412.9	470.6	528.5
-12.5°	0.0	20.5	61.9	111.3	168.5	226.4	285.4	350.0	408.7	466.0	523.8
-15°	0.0	20.3	61.1	109.9	166.4	223.8	281.7	345.0	403.9	461.1	518.2
-17.5°	0.0	20.0	60.3	108.4	163.9	220.6	277.4	339.3	398.5	455.1	511.5
-20°	0.0	19.7	59.2	106.5	160.9	216.8	272.6	333.0	392.2	448.2	503.7

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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	19.4	58.0	104.3	157.5	212.5	267.3	325.8	384.8	440.3	494.8
-25°	0.0	19.0	56.6	101.9	153.6	207.5	261.4	318.0	376.5	431.3	484.8
-27.5°	0.0	18.6	55.0	99.2	149.4	201.8	254.7	309.3	367.3	421.3	473.8
-30°	0.0	18.2	53.3	96.3	144.7	195.6	247.3	300.0	356.7	410.0	461.7
-32.5°	0.0	17.7	51.4	93.1	139.5	188.9	239.3	290.6	345.0	397.6	448.7
-35°	0.0	17.2	49.3	89.6	133.9	181.6	230.7	280.6	332.6	384.2	434.7
-37.5°	0.0	16.7	47.1	85.9	127.9	173.9	221.4	269.8	319.6	369.7	418.8
-40°	0.0	16.1	44.8	82.0	121.7	166.0	211.5	258.2	305.9	354.2	401.7
-42.5°	0.0	15.5	42.2	77.8	115.5	157.8	201.0	246.0	291.7	338.2	384.0
-45°	0.0	14.8	39.6	73.2	109.4	149.1	189.9	233.0	276.9	321.4	365.6
-47.5°	0.0	14.2	36.8	68.4	103.0	140.2	178.2	219.4	261.3	303.8	346.1
-50°	0.0	13.5	33.9	63.7	96.3	131.0	167.0	205.1	245.1	285.6	325.8
-52.5°	0.0	12.8	30.8	59.0	89.3	121.4	155.6	190.2	228.3	266.8	304.7
-55°	0.0	12.0	27.6	54.1	82.1	112.1	143.9	175.0	210.7	247.3	283.1
-57.5°	0.0	11.3	24.4	49.1	74.5	102.7	131.9	161.2	192.4	226.7	260.8
-60°	0.0	10.5	21.0	44.0	66.8	92.9	119.7	147.0	174.1	205.3	237.5
-62.5°	0.0	9.7	19.4	38.7	59.8	82.8	107.5	132.5	157.3	183.3	212.8
-65°	0.0	8.9	17.7	33.2	52.6	72.5	94.9	117.5	140.1	163.1	187.5
-67.5°	0.0	8.0	16.1	27.7	45.2	62.6	82.0	102.4	122.4	142.9	163.9
-70°	0.0	7.2	14.3	22.1	37.7	53.3	68.9	87.0	104.8	122.4	140.8
-72.5°	0.0	6.3	12.6	18.9	30.1	43.8	57.3	71.3	87.0	102.4	117.5
-75°	0.0	5.4	10.9	16.3	22.4	34.1	45.8	57.5	68.9	82.2	95.2
-77.5°	0.0	4.5	9.1	13.6	18.1	24.4	34.1	44.2	53.8	62.9	72.6
-80°	0.0	3.6	7.3	10.9	14.5	18.1	22.4	30.9	39.0	46.7	53.9
-82.5°	0.0	2.7	5.5	8.2	10.9	13.6	16.3	19.8	24.1	30.3	36.3
-85°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	13.2	15.8	18.4	21.2
-87.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.6	7.9	9.2	10.6
-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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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°	11.6	12.6	13.5	14.5	15.3	16.2	17.0	17.8	18.6	19.3	20.0
85°	23.2	25.2	28.5	32.0	35.2	38.4	41.4	44.3	47.1	49.8	52.3
82.5°	41.6	47.1	52.7	58.3	63.3	68.0	72.7	77.5	82.2	87.0	91.7
80°	61.2	68.9	77.6	85.8	93.0	99.9	106.5	112.9	119.8	127.2	134.7
77.5°	83.9	94.7	104.9	114.4	123.6	133.6	143.3	152.6	162.2	171.8	180.9
75°	108.2	120.5	133.5	146.3	158.7	170.7	182.5	194.5	206.6	218.6	230.1
72.5°	133.2	148.9	164.2	179.1	194.5	209.6	224.1	238.2	252.6	267.3	281.4
70°	159.2	177.1	196.0	214.2	231.6	249.2	266.9	284.0	300.7	317.8	334.7
67.5°	185.5	207.9	229.2	249.4	269.9	290.6	310.6	331.0	350.8	370.7	389.7
65°	214.4	238.9	262.2	285.3	308.5	332.8	356.5	379.3	402.2	424.4	444.4
62.5°	242.7	268.8	294.5	320.9	348.6	375.8	401.6	427.8	454.4	477.7	497.9
60°	268.8	297.7	326.5	356.5	387.2	416.4	445.4	473.8	502.5	529.3	545.8
57.5°	293.9	325.9	357.9	390.2	422.4	455.1	485.5	516.8	543.5	566.0	585.1
55°	318.4	353.2	387.2	421.1	455.9	490.1	523.2	552.9	578.9	597.7	616.2
52.5°	342.3	379.0	414.0	450.7	487.8	524.0	558.6	586.1	607.5	626.7	643.9
50°	365.5	402.7	439.8	479.6	518.7	557.0	589.5	613.6	635.3	654.1	672.1
47.5°	387.1	425.9	465.6	507.4	548.5	585.6	615.4	640.7	662.9	683.1	704.5
45°	407.9	449.2	491.1	534.2	576.2	612.0	640.8	668.1	688.8	711.6	736.1
42.5°	428.2	471.5	515.4	560.0	602.4	635.9	664.7	689.6	714.0	741.0	770.6
40°	447.4	492.6	538.4	584.7	627.1	656.8	684.9	711.4	741.0	773.1	807.4
37.5°	465.5	512.4	559.9	608.0	645.2	675.8	704.7	734.1	768.6	805.8	852.3
35°	482.4	530.8	579.9	626.1	661.5	694.0	723.8	756.6	796.9	845.5	905.1
32.5°	498.0	547.8	598.4	640.8	676.5	710.2	740.8	781.9	830.2	888.0	972.5
30°	512.4	563.4	614.1	655.3	690.0	723.8	761.2	807.4	863.9	948.3	1056.4
27.5°	525.8	577.6	626.5	667.2	702.1	736.9	780.7	836.6	911.1	1011.8	1146.2
25°	538.1	591.1	638.4	677.3	713.3	751.9	799.5	862.4	960.3	1090.4	1271.9
22.5°	549.2	603.3	649.8	685.9	723.8	765.7	821.1	899.8	1012.7	1164.6	1398.7
20°	559.1	612.6	658.3	694.1	733.5	777.1	840.3	935.3	1071.5	1268.2	1567.1
17.5°	567.8	620.7	664.7	702.0	742.9	789.9	859.1	966.1	1123.6	1358.5	1737.2
15°	575.3	627.6	670.1	708.7	751.2	804.6	885.2	1006.2	1184.3	1452.5	1885.5
12.5°	581.4	633.3	674.5	714.3	758.0	817.0	907.6	1044.1	1247.2	1568.0	2104.0
10°	586.3	637.8	677.8	718.5	763.3	826.8	925.7	1075.1	1299.4	1668.0	2290.4
7.5°	590.8	641.1	680.2	721.5	767.1	834.1	939.5	1099.0	1339.4	1746.5	2437.9
5°	594.1	643.1	681.5	723.3	770.2	838.9	948.9	1115.6	1367.0	1802.6	2541.7
2.5°	596.1	643.7	681.7	723.7	772.6	841.1	953.8	1124.7	1388.7	1829.2	2597.5
0°	596.8	643.1	680.9	722.9	773.4	840.6	954.1	1126.4	1399.6	1828.3	2605.9
-2.5°	596.1	643.7	681.7	723.7	772.6	841.1	953.8	1124.7	1388.7	1829.2	2597.5
-5°	594.1	643.1	681.5	723.3	770.2	838.9	948.9	1115.6	1367.0	1802.6	2541.7
-7.5°	590.8	641.1	680.2	721.5	767.1	834.1	939.5	1099.0	1339.4	1746.5	2437.9
-10°	586.3	637.8	677.8	718.5	763.3	826.8	925.7	1075.1	1299.4	1668.0	2290.4
-12.5°	581.4	633.3	674.5	714.3	758.0	817.0	907.6	1044.1	1247.2	1568.0	2104.0
-15°	575.3	627.6	670.1	708.7	751.2	804.6	885.2	1006.2	1184.3	1452.5	1885.5
-17.5°	567.8	620.7	664.7	702.0	742.9	789.9	859.1	966.1	1123.6	1358.5	1737.2
-20°	559.1	612.6	658.3	694.1	733.5	777.1	840.3	935.3	1071.5	1268.2	1567.1

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	549.2	603.3	649.8	685.9	723.8	765.7	821.1	899.8	1012.7	1164.6	1398.7
-25°	538.1	591.1	638.4	677.3	713.3	751.9	799.5	862.4	960.3	1090.4	1271.9
-27.5°	525.8	577.6	626.5	667.2	702.1	736.9	780.7	836.6	911.1	1011.8	1146.2
-30°	512.4	563.4	614.1	655.3	690.0	723.8	761.2	807.4	863.9	948.3	1056.4
-32.5°	498.0	547.8	598.4	640.8	676.5	710.2	740.8	781.9	830.2	888.0	972.5
-35°	482.4	530.8	579.9	626.1	661.5	694.0	723.8	756.6	796.9	845.5	905.1
-37.5°	465.5	512.4	559.9	608.0	645.2	675.8	704.7	734.1	768.6	805.8	852.3
-40°	447.4	492.6	538.4	584.7	627.1	656.8	684.9	711.4	741.0	773.1	807.4
-42.5°	428.2	471.5	515.4	560.0	602.4	635.9	664.7	689.6	714.0	741.0	770.6
-45°	407.9	449.2	491.1	534.2	576.2	612.0	640.8	668.1	688.8	711.6	736.1
-47.5°	387.1	425.9	465.6	507.4	548.5	585.6	615.4	640.7	662.9	683.1	704.5
-50°	365.5	402.7	439.8	479.6	518.7	557.0	589.5	613.6	635.3	654.1	672.1
-52.5°	342.3	379.0	414.0	450.7	487.8	524.0	558.6	586.1	607.5	626.7	643.9
-55°	318.4	353.2	387.2	421.1	455.9	490.1	523.2	552.9	578.9	597.7	616.2
-57.5°	293.9	325.9	357.9	390.2	422.4	455.1	485.5	516.8	543.5	566.0	585.1
-60°	268.8	297.7	326.5	356.5	387.2	416.4	445.4	473.8	502.5	529.3	545.8
-62.5°	242.7	268.8	294.5	320.9	348.6	375.8	401.6	427.8	454.4	477.7	497.9
-65°	214.4	238.9	262.2	285.3	308.5	332.8	356.5	379.3	402.2	424.4	444.4
-67.5°	185.5	207.9	229.2	249.4	269.9	290.6	310.6	331.0	350.8	370.7	389.7
-70°	159.2	177.1	196.0	214.2	231.6	249.2	266.9	284.0	300.7	317.8	334.7
-72.5°	133.2	148.9	164.2	179.1	194.5	209.6	224.1	238.2	252.6	267.3	281.4
-75°	108.2	120.5	133.5	146.3	158.7	170.7	182.5	194.5	206.6	218.6	230.1
-77.5°	83.9	94.7	104.9	114.4	123.6	133.6	143.3	152.6	162.2	171.8	180.9
-80°	61.2	68.9	77.6	85.8	93.0	99.9	106.5	112.9	119.8	127.2	134.7
-82.5°	41.6	47.1	52.7	58.3	63.3	68.0	72.7	77.5	82.2	87.0	91.7
-85°	23.2	25.2	28.5	32.0	35.2	38.4	41.4	44.3	47.1	49.8	52.3
-87.5°	11.6	12.6	13.5	14.5	15.3	16.2	17.0	17.8	18.6	19.3	20.0
-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: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-U-MWR-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°	20.6	20.4	20.0	19.6	19.0	20.4	21.7	23.0	24.3	23.6	22.8
85°	54.7	55.9	57.0	57.8	58.6	61.2	63.7	66.1	68.3	68.2	68.0
82.5°	96.3	99.4	102.0	104.4	106.5	109.6	112.3	114.7	116.7	118.2	119.5
80°	141.9	146.9	151.2	155.1	158.6	162.6	166.4	169.7	172.6	174.2	175.2
77.5°	190.0	197.3	203.9	210.2	216.1	222.0	227.4	232.2	236.4	237.3	237.1
75°	241.1	250.9	260.2	268.8	276.7	283.5	289.2	294.0	298.0	300.0	301.0
72.5°	294.8	306.9	317.8	327.6	336.1	343.1	349.2	354.4	358.9	361.7	363.4
70°	350.8	365.2	376.4	385.6	392.8	399.8	407.6	415.1	422.1	426.0	427.5
67.5°	407.0	421.9	432.2	440.6	447.2	454.1	463.9	472.8	480.7	486.1	489.4
65°	462.0	477.7	488.0	496.1	502.2	509.0	520.1	528.8	535.6	540.9	545.7
62.5°	516.4	532.2	543.7	553.2	562.0	569.6	578.7	586.1	591.8	597.0	603.0
60°	563.5	582.2	594.2	604.0	614.9	626.8	633.4	638.9	643.7	648.0	651.6
57.5°	601.9	618.7	634.1	645.8	657.2	668.2	676.0	681.2	685.4	688.6	689.8
55°	634.1	651.4	668.7	681.3	692.5	702.7	711.3	718.1	723.7	728.1	729.2
52.5°	663.0	682.4	699.3	713.9	728.7	740.7	750.2	759.4	767.5	774.0	776.8
50°	694.4	714.7	735.7	755.3	771.0	784.9	796.4	809.4	823.2	834.5	841.6
47.5°	727.3	750.7	776.2	800.3	819.0	839.4	858.5	877.9	903.4	924.8	940.7
45°	761.9	791.9	821.0	851.6	877.3	916.0	951.8	982.6	1023.5	1060.6	1090.1
42.5°	802.6	840.1	875.7	924.7	976.1	1028.8	1085.8	1134.4	1198.3	1263.4	1316.0
40°	850.9	898.7	961.6	1027.4	1108.4	1180.9	1279.3	1366.9	1465.1	1589.2	1691.7
37.5°	909.0	982.7	1070.2	1161.9	1288.2	1408.8	1571.5	1742.9	1898.4	2137.0	2337.8
35°	984.6	1087.5	1202.7	1365.1	1543.8	1769.9	2023.6	2354.6	2638.3	3040.9	3425.7
32.5°	1081.9	1214.2	1402.4	1653.0	1917.2	2327.7	2730.2	3304.9	3837.0	4475.1	5163.8
30°	1190.1	1391.6	1679.1	2022.7	2515.6	3119.6	3829.1	4711.7	5677.6	6574.4	7458.3
27.5°	1347.1	1635.8	2013.4	2568.0	3336.1	4181.0	5424.2	6622.3	7872.3	8983.5	9910.2
25°	1530.3	1911.8	2495.7	3312.3	4351.1	5798.0	7286.1	8764.7	10109.0	11272.4	12296.3
22.5°	1766.9	2315.6	3094.0	4151.8	5769.3	7503.4	9248.4	10879.4	12313.4	13608.9	14717.3
20°	2024.3	2710.9	3822.4	5399.7	7249.5	9225.2	11195.5	12932.9	14511.9	15980.6	17229.9
17.5°	2350.4	3312.0	4719.6	6611.7	8750.4	10915.0	12984.9	14870.4	16661.7	18215.9	19521.2
15°	2628.4	3841.3	5678.5	7897.6	10210.9	12494.2	14679.5	16727.5	18590.0	20184.6	21411.7
12.5°	2999.1	4434.6	6529.8	9003.0	11509.9	13912.4	16214.3	18331.0	20226.3	21803.5	22758.7
10°	3349.6	5048.9	7352.6	9931.8	12536.3	15096.1	17553.9	19724.8	21484.4	22739.0	23553.1
7.5°	3647.6	5576.7	8021.9	10682.6	13351.8	16028.1	18516.0	20628.2	22250.7	23298.4	23865.2
5°	3870.1	5971.4	8518.8	11292.7	14031.6	16755.0	19223.4	21206.2	22608.6	23386.9	23671.5
2.5°	4011.8	6203.1	8807.1	11693.0	14486.6	17214.9	19708.6	21660.4	22850.2	23366.1	23415.1
0°	4068.5	6233.1	8851.6	11903.0	14601.3	17345.9	19846.7	21847.3	22940.1	23364.6	23356.2
-2.5°	4011.8	6203.1	8807.1	11693.0	14486.6	17214.9	19708.6	21660.4	22850.2	23366.1	23415.1
-5°	3870.1	5971.4	8518.8	11292.7	14031.6	16755.0	19223.4	21206.2	22608.6	23386.9	23671.5
-7.5°	3647.6	5576.7	8021.9	10682.6	13351.8	16028.1	18516.0	20628.2	22250.7	23298.4	23865.2
-10°	3349.6	5048.9	7352.6	9931.8	12536.3	15096.1	17553.9	19724.8	21484.4	22739.0	23553.1
-12.5°	2999.1	4434.6	6529.8	9003.0	11509.9	13912.4	16214.3	18331.0	20226.3	21803.5	22758.7
-15°	2628.4	3841.3	5678.5	7897.6	10210.9	12494.2	14679.5	16727.5	18590.0	20184.6	21411.7
-17.5°	2350.4	3312.0	4719.6	6611.7	8750.4	10915.0	12984.9	14870.4	16661.7	18215.9	19521.2
-20°	2024.3	2710.9	3822.4	5399.7	7249.5	9225.2	11195.5	12932.9	14511.9	15980.6	17229.9

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Scaled Data Report



REPORT NUMBER: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1766.9	2315.6	3094.0	4151.8	5769.3	7503.4	9248.4	10879.4	12313.4	13608.9	14717.3
-25°	1530.3	1911.8	2495.7	3312.3	4351.1	5798.0	7286.1	8764.7	10109.0	11272.4	12296.3
-27.5°	1347.1	1635.8	2013.4	2568.0	3336.1	4181.0	5424.2	6622.3	7872.3	8983.5	9910.2
-30°	1190.1	1391.6	1679.1	2022.7	2515.6	3119.6	3829.1	4711.7	5677.6	6574.4	7458.3
-32.5°	1081.9	1214.2	1402.4	1653.0	1917.2	2327.7	2730.2	3304.9	3837.0	4475.1	5163.8
-35°	984.6	1087.5	1202.7	1365.1	1543.8	1769.9	2023.6	2354.6	2638.3	3040.9	3425.7
-37.5°	909.0	982.7	1070.2	1161.9	1288.2	1408.8	1571.5	1742.9	1898.4	2137.0	2337.8
-40°	850.9	898.7	961.6	1027.4	1108.4	1180.9	1279.3	1366.9	1465.1	1589.2	1691.7
-42.5°	802.6	840.1	875.7	924.7	976.1	1028.8	1085.8	1134.4	1198.3	1263.4	1316.0
-45°	761.9	791.9	821.0	851.6	877.3	916.0	951.8	982.6	1023.5	1060.6	1090.1
-47.5°	727.3	750.7	776.2	800.3	819.0	839.4	858.5	877.9	903.4	924.8	940.7
-50°	694.4	714.7	735.7	755.3	771.0	784.9	796.4	809.4	823.2	834.5	841.6
-52.5°	663.0	682.4	699.3	713.9	728.7	740.7	750.2	759.4	767.5	774.0	776.8
-55°	634.1	651.4	668.7	681.3	692.5	702.7	711.3	718.1	723.7	728.1	729.2
-57.5°	601.9	618.7	634.1	645.8	657.2	668.2	676.0	681.2	685.4	688.6	689.8
-60°	563.5	582.2	594.2	604.0	614.9	626.8	633.4	638.9	643.7	648.0	651.6
-62.5°	516.4	532.2	543.7	553.2	562.0	569.6	578.7	586.1	591.8	597.0	603.0
-65°	462.0	477.7	488.0	496.1	502.2	509.0	520.1	528.8	535.6	540.9	545.7
-67.5°	407.0	421.9	432.2	440.6	447.2	454.1	463.9	472.8	480.7	486.1	489.4
-70°	350.8	365.2	376.4	385.6	392.8	399.8	407.6	415.1	422.1	426.0	427.5
-72.5°	294.8	306.9	317.8	327.6	336.1	343.1	349.2	354.4	358.9	361.7	363.4
-75°	241.1	250.9	260.2	268.8	276.7	283.5	289.2	294.0	298.0	300.0	301.0
-77.5°	190.0	197.3	203.9	210.2	216.1	222.0	227.4	232.2	236.4	237.3	237.1
-80°	141.9	146.9	151.2	155.1	158.6	162.6	166.4	169.7	172.6	174.2	175.2
-82.5°	96.3	99.4	102.0	104.4	106.5	109.6	112.3	114.7	116.7	118.2	119.5
-85°	54.7	55.9	57.0	57.8	58.6	61.2	63.7	66.1	68.3	68.2	68.0
-87.5°	20.6	20.4	20.0	19.6	19.0	20.4	21.7	23.0	24.3	23.6	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: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-U-MWR-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°	21.9	20.9	21.0	21.0	21.0	20.9	21.9	22.8	23.6	24.3	23.0
85°	67.5	66.9	65.0	63.0	65.0	66.9	67.5	68.0	68.2	68.3	66.1
82.5°	120.5	121.3	119.7	117.7	119.7	121.3	120.5	119.5	118.2	116.7	114.7
80°	175.7	175.7	174.2	172.3	174.2	175.7	175.7	175.2	174.2	172.6	169.7
77.5°	236.1	234.4	235.1	235.4	235.1	234.4	236.1	237.1	237.3	236.4	232.2
75°	301.5	301.2	300.2	298.4	300.2	301.2	301.5	301.0	300.0	298.0	294.0
72.5°	364.2	364.2	363.3	361.5	363.3	364.2	364.2	363.4	361.7	358.9	354.4
70°	427.9	427.1	428.2	428.7	428.2	427.1	427.9	427.5	426.0	422.1	415.1
67.5°	492.1	493.8	493.5	491.8	493.5	493.8	492.1	489.4	486.1	480.7	472.8
65°	549.6	552.4	554.2	554.8	554.2	552.4	549.6	545.7	540.9	535.6	528.8
62.5°	607.6	610.9	611.1	609.4	611.1	610.9	607.6	603.0	597.0	591.8	586.1
60°	653.7	654.2	653.4	651.5	653.4	654.2	653.7	651.6	648.0	643.7	638.9
57.5°	689.8	688.6	687.1	685.1	687.1	688.6	689.8	689.8	688.6	685.4	681.2
55°	728.6	726.6	724.9	722.9	724.9	726.6	728.6	729.2	728.1	723.7	718.1
52.5°	777.5	776.4	775.2	773.4	775.2	776.4	777.5	776.8	774.0	767.5	759.4
50°	845.3	846.3	846.2	844.8	846.2	846.3	845.3	841.6	834.5	823.2	809.4
47.5°	950.8	956.4	960.2	962.5	960.2	956.4	950.8	940.7	924.8	903.4	877.9
45°	1109.0	1120.2	1128.1	1134.8	1128.1	1120.2	1109.0	1090.1	1060.6	1023.5	982.6
42.5°	1353.0	1378.1	1390.0	1387.0	1390.0	1378.1	1353.0	1316.0	1263.4	1198.3	1134.4
40°	1760.0	1800.6	1823.0	1840.9	1823.0	1800.6	1760.0	1691.7	1589.2	1465.1	1366.9
37.5°	2474.9	2553.6	2595.1	2631.1	2595.1	2553.6	2474.9	2337.8	2137.0	1898.4	1742.9
35°	3713.2	3890.3	3985.1	4018.1	3985.1	3890.3	3713.2	3425.7	3040.9	2638.3	2354.6
32.5°	5699.6	6026.3	6207.0	6346.6	6207.0	6026.3	5699.6	5163.8	4475.1	3837.0	3304.9
30°	8158.1	8588.4	8827.3	8944.0	8827.3	8588.4	8158.1	7458.3	6574.4	5677.6	4711.7
27.5°	10678.3	11167.5	11425.1	11411.2	11425.1	11167.5	10678.3	9910.2	8983.5	7872.3	6622.3
25°	13174.2	13740.7	13997.4	14227.2	13997.4	13740.7	13174.2	12296.3	11272.4	10109.0	8764.7
22.5°	15698.4	16360.9	16722.4	16891.9	16722.4	16360.9	15698.4	14717.3	13608.9	12313.4	10879.4
20°	18192.6	18930.2	19313.9	19481.0	19313.9	18930.2	18192.6	17229.9	15980.6	14511.9	12932.9
17.5°	20404.7	21124.7	21490.5	21645.6	21490.5	21124.7	20404.7	19521.2	18215.9	16661.7	14870.4
15°	22171.1	22702.2	23013.2	23095.6	23013.2	22702.2	22171.1	21411.7	20184.6	18590.0	16727.5
12.5°	23392.1	23597.8	23747.4	23793.3	23747.4	23597.8	23392.1	22758.7	21803.5	20226.3	18331.0
10°	24016.3	23923.5	23885.1	23890.0	23885.1	23923.5	24016.3	23553.1	22739.0	21484.4	19724.8
7.5°	23973.3	23835.9	23559.9	23515.9	23559.9	23835.9	23973.3	23865.2	23298.4	22250.7	20628.2
5°	23628.9	23378.7	22920.5	22788.8	22920.5	23378.7	23628.9	23671.5	23386.9	22608.6	21206.2
2.5°	23227.4	22776.4	22354.3	22082.7	22354.3	22776.4	23227.4	23415.1	23366.1	22850.2	21660.4
0°	23108.2	22587.0	22040.7	21864.1	22040.7	22587.0	23108.2	23356.2	23364.6	22940.1	21847.3
-2.5°	23227.4	22776.4	22354.3	22082.7	22354.3	22776.4	23227.4	23415.1	23366.1	22850.2	21660.4
-5°	23628.9	23378.7	22920.5	22788.8	22920.5	23378.7	23628.9	23671.5	23386.9	22608.6	21206.2
-7.5°	23973.3	23835.9	23559.9	23515.9	23559.9	23835.9	23973.3	23865.2	23298.4	22250.7	20628.2
-10°	24016.3	23923.5	23885.1	23890.0	23885.1	23923.5	24016.3	23553.1	22739.0	21484.4	19724.8
-12.5°	23392.1	23597.8	23747.4	23793.3	23747.4	23597.8	23392.1	22758.7	21803.5	20226.3	18331.0
-15°	22171.1	22702.2	23013.2	23095.6	23013.2	22702.2	22171.1	21411.7	20184.6	18590.0	16727.5
-17.5°	20404.7	21124.7	21490.5	21645.6	21490.5	21124.7	20404.7	19521.2	18215.9	16661.7	14870.4
-20°	18192.6	18930.2	19313.9	19481.0	19313.9	18930.2	18192.6	17229.9	15980.6	14511.9	12932.9



REPORT NUMBER: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15698.4	16360.9	16722.4	16891.9	16722.4	16360.9	15698.4	14717.3	13608.9	12313.4	10879.4
-25°	13174.2	13740.7	13997.4	14227.2	13997.4	13740.7	13174.2	12296.3	11272.4	10109.0	8764.7
-27.5°	10678.3	11167.5	11425.1	11411.2	11425.1	11167.5	10678.3	9910.2	8983.5	7872.3	6622.3
-30°	8158.1	8588.4	8827.3	8944.0	8827.3	8588.4	8158.1	7458.3	6574.4	5677.6	4711.7
-32.5°	5699.6	6026.3	6207.0	6346.6	6207.0	6026.3	5699.6	5163.8	4475.1	3837.0	3304.9
-35°	3713.2	3890.3	3985.1	4018.1	3985.1	3890.3	3713.2	3425.7	3040.9	2638.3	2354.6
-37.5°	2474.9	2553.6	2595.1	2631.1	2595.1	2553.6	2474.9	2337.8	2137.0	1898.4	1742.9
-40°	1760.0	1800.6	1823.0	1840.9	1823.0	1800.6	1760.0	1691.7	1589.2	1465.1	1366.9
-42.5°	1353.0	1378.1	1390.0	1387.0	1390.0	1378.1	1353.0	1316.0	1263.4	1198.3	1134.4
-45°	1109.0	1120.2	1128.1	1134.8	1128.1	1120.2	1109.0	1090.1	1060.6	1023.5	982.6
-47.5°	950.8	956.4	960.2	962.5	960.2	956.4	950.8	940.7	924.8	903.4	877.9
-50°	845.3	846.3	846.2	844.8	846.2	846.3	845.3	841.6	834.5	823.2	809.4
-52.5°	777.5	776.4	775.2	773.4	775.2	776.4	777.5	776.8	774.0	767.5	759.4
-55°	728.6	726.6	724.9	722.9	724.9	726.6	728.6	729.2	728.1	723.7	718.1
-57.5°	689.8	688.6	687.1	685.1	687.1	688.6	689.8	689.8	688.6	685.4	681.2
-60°	653.7	654.2	653.4	651.5	653.4	654.2	653.7	651.6	648.0	643.7	638.9
-62.5°	607.6	610.9	611.1	609.4	611.1	610.9	607.6	603.0	597.0	591.8	586.1
-65°	549.6	552.4	554.2	554.8	554.2	552.4	549.6	545.7	540.9	535.6	528.8
-67.5°	492.1	493.8	493.5	491.8	493.5	493.8	492.1	489.4	486.1	480.7	472.8
-70°	427.9	427.1	428.2	428.7	428.2	427.1	427.9	427.5	426.0	422.1	415.1
-72.5°	364.2	364.2	363.3	361.5	363.3	364.2	364.2	363.4	361.7	358.9	354.4
-75°	301.5	301.2	300.2	298.4	300.2	301.2	301.5	301.0	300.0	298.0	294.0
-77.5°	236.1	234.4	235.1	235.4	235.1	234.4	236.1	237.1	237.3	236.4	232.2
-80°	175.7	175.7	174.2	172.3	174.2	175.7	175.7	175.2	174.2	172.6	169.7
-82.5°	120.5	121.3	119.7	117.7	119.7	121.3	120.5	119.5	118.2	116.7	114.7
-85°	67.5	66.9	65.0	63.0	65.0	66.9	67.5	68.0	68.2	68.3	66.1
-87.5°	21.9	20.9	21.0	21.0	21.0	20.9	21.9	22.8	23.6	24.3	23.0
-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: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-U-MWR-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°	21.7	20.4	19.0	19.6	20.0	20.4	20.6	20.0	19.3	18.6	17.8
85°	63.7	61.2	58.6	57.8	57.0	55.9	54.7	52.3	49.8	47.1	44.3
82.5°	112.3	109.6	106.5	104.4	102.0	99.4	96.3	91.7	87.0	82.2	77.5
80°	166.4	162.6	158.6	155.1	151.2	146.9	141.9	134.7	127.2	119.8	112.9
77.5°	227.4	222.0	216.1	210.2	203.9	197.3	190.0	180.9	171.8	162.2	152.6
75°	289.2	283.5	276.7	268.8	260.2	250.9	241.1	230.1	218.6	206.6	194.5
72.5°	349.2	343.1	336.1	327.6	317.8	306.9	294.8	281.4	267.3	252.6	238.2
70°	407.6	399.8	392.8	385.6	376.4	365.2	350.8	334.7	317.8	300.7	284.0
67.5°	463.9	454.1	447.2	440.6	432.2	421.9	407.0	389.7	370.7	350.8	331.0
65°	520.1	509.0	502.2	496.1	488.0	477.7	462.0	444.4	424.4	402.2	379.3
62.5°	578.7	569.6	562.0	553.2	543.7	532.2	516.4	497.9	477.7	454.4	427.8
60°	633.4	626.8	614.9	604.0	594.2	582.2	563.5	545.8	529.3	502.5	473.8
57.5°	676.0	668.2	657.2	645.8	634.1	618.7	601.9	585.1	566.0	543.5	516.8
55°	711.3	702.7	692.5	681.3	668.7	651.4	634.1	616.2	597.7	578.9	552.9
52.5°	750.2	740.7	728.7	713.9	699.3	682.4	663.0	643.9	626.7	607.5	586.1
50°	796.4	784.9	771.0	755.3	735.7	714.7	694.4	672.1	654.1	635.3	613.6
47.5°	858.5	839.4	819.0	800.3	776.2	750.7	727.3	704.5	683.1	662.9	640.7
45°	951.8	916.0	877.3	851.6	821.0	791.9	761.9	736.1	711.6	688.8	668.1
42.5°	1085.8	1028.8	976.1	924.7	875.7	840.1	802.6	770.6	741.0	714.0	689.6
40°	1279.3	1180.9	1108.4	1027.4	961.6	898.7	850.9	807.4	773.1	741.0	711.4
37.5°	1571.5	1408.8	1288.2	1161.9	1070.2	982.7	909.0	852.3	805.8	768.6	734.1
35°	2023.6	1769.9	1543.8	1365.1	1202.7	1087.5	984.6	905.1	845.5	796.9	756.6
32.5°	2730.2	2327.7	1917.2	1653.0	1402.4	1214.2	1081.9	972.5	888.0	830.2	781.9
30°	3829.1	3119.6	2515.6	2022.7	1679.1	1391.6	1190.1	1056.4	948.3	863.9	807.4
27.5°	5424.2	4181.0	3336.1	2568.0	2013.4	1635.8	1347.1	1146.2	1011.8	911.1	836.6
25°	7286.1	5798.0	4351.1	3312.3	2495.7	1911.8	1530.3	1271.9	1090.4	960.3	862.4
22.5°	9248.4	7503.4	5769.3	4151.8	3094.0	2315.6	1766.9	1398.7	1164.6	1012.7	899.8
20°	11195.5	9225.2	7249.5	5399.7	3822.4	2710.9	2024.3	1567.1	1268.2	1071.5	935.3
17.5°	12984.9	10915.0	8750.4	6611.7	4719.6	3312.0	2350.4	1737.2	1358.5	1123.6	966.1
15°	14679.5	12494.2	10210.9	7897.6	5678.5	3841.3	2628.4	1885.5	1452.5	1184.3	1006.2
12.5°	16214.3	13912.4	11509.9	9003.0	6529.8	4434.6	2999.1	2104.0	1568.0	1247.2	1044.1
10°	17553.9	15096.1	12536.3	9931.8	7352.6	5048.9	3349.6	2290.4	1668.0	1299.4	1075.1
7.5°	18516.0	16028.1	13351.8	10682.6	8021.9	5576.7	3647.6	2437.9	1746.5	1339.4	1099.0
5°	19223.4	16755.0	14031.6	11292.7	8518.8	5971.4	3870.1	2541.7	1802.6	1367.0	1115.6
2.5°	19708.6	17214.9	14486.6	11693.0	8807.1	6203.1	4011.8	2597.5	1829.2	1388.7	1124.7
0°	19846.7	17345.9	14601.3	11903.0	8851.6	6233.1	4068.5	2605.9	1828.3	1399.6	1126.4
-2.5°	19708.6	17214.9	14486.6	11693.0	8807.1	6203.1	4011.8	2597.5	1829.2	1388.7	1124.7
-5°	19223.4	16755.0	14031.6	11292.7	8518.8	5971.4	3870.1	2541.7	1802.6	1367.0	1115.6
-7.5°	18516.0	16028.1	13351.8	10682.6	8021.9	5576.7	3647.6	2437.9	1746.5	1339.4	1099.0
-10°	17553.9	15096.1	12536.3	9931.8	7352.6	5048.9	3349.6	2290.4	1668.0	1299.4	1075.1
-12.5°	16214.3	13912.4	11509.9	9003.0	6529.8	4434.6	2999.1	2104.0	1568.0	1247.2	1044.1
-15°	14679.5	12494.2	10210.9	7897.6	5678.5	3841.3	2628.4	1885.5	1452.5	1184.3	1006.2
-17.5°	12984.9	10915.0	8750.4	6611.7	4719.6	3312.0	2350.4	1737.2	1358.5	1123.6	966.1
-20°	11195.5	9225.2	7249.5	5399.7	3822.4	2710.9	2024.3	1567.1	1268.2	1071.5	935.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9248.4	7503.4	5769.3	4151.8	3094.0	2315.6	1766.9	1398.7	1164.6	1012.7	899.8
-25°	7286.1	5798.0	4351.1	3312.3	2495.7	1911.8	1530.3	1271.9	1090.4	960.3	862.4
-27.5°	5424.2	4181.0	3336.1	2568.0	2013.4	1635.8	1347.1	1146.2	1011.8	911.1	836.6
-30°	3829.1	3119.6	2515.6	2022.7	1679.1	1391.6	1190.1	1056.4	948.3	863.9	807.4
-32.5°	2730.2	2327.7	1917.2	1653.0	1402.4	1214.2	1081.9	972.5	888.0	830.2	781.9
-35°	2023.6	1769.9	1543.8	1365.1	1202.7	1087.5	984.6	905.1	845.5	796.9	756.6
-37.5°	1571.5	1408.8	1288.2	1161.9	1070.2	982.7	909.0	852.3	805.8	768.6	734.1
-40°	1279.3	1180.9	1108.4	1027.4	961.6	898.7	850.9	807.4	773.1	741.0	711.4
-42.5°	1085.8	1028.8	976.1	924.7	875.7	840.1	802.6	770.6	741.0	714.0	689.6
-45°	951.8	916.0	877.3	851.6	821.0	791.9	761.9	736.1	711.6	688.8	668.1
-47.5°	858.5	839.4	819.0	800.3	776.2	750.7	727.3	704.5	683.1	662.9	640.7
-50°	796.4	784.9	771.0	755.3	735.7	714.7	694.4	672.1	654.1	635.3	613.6
-52.5°	750.2	740.7	728.7	713.9	699.3	682.4	663.0	643.9	626.7	607.5	586.1
-55°	711.3	702.7	692.5	681.3	668.7	651.4	634.1	616.2	597.7	578.9	552.9
-57.5°	676.0	668.2	657.2	645.8	634.1	618.7	601.9	585.1	566.0	543.5	516.8
-60°	633.4	626.8	614.9	604.0	594.2	582.2	563.5	545.8	529.3	502.5	473.8
-62.5°	578.7	569.6	562.0	553.2	543.7	532.2	516.4	497.9	477.7	454.4	427.8
-65°	520.1	509.0	502.2	496.1	488.0	477.7	462.0	444.4	424.4	402.2	379.3
-67.5°	463.9	454.1	447.2	440.6	432.2	421.9	407.0	389.7	370.7	350.8	331.0
-70°	407.6	399.8	392.8	385.6	376.4	365.2	350.8	334.7	317.8	300.7	284.0
-72.5°	349.2	343.1	336.1	327.6	317.8	306.9	294.8	281.4	267.3	252.6	238.2
-75°	289.2	283.5	276.7	268.8	260.2	250.9	241.1	230.1	218.6	206.6	194.5
-77.5°	227.4	222.0	216.1	210.2	203.9	197.3	190.0	180.9	171.8	162.2	152.6
-80°	166.4	162.6	158.6	155.1	151.2	146.9	141.9	134.7	127.2	119.8	112.9
-82.5°	112.3	109.6	106.5	104.4	102.0	99.4	96.3	91.7	87.0	82.2	77.5
-85°	63.7	61.2	58.6	57.8	57.0	55.9	54.7	52.3	49.8	47.1	44.3
-87.5°	21.7	20.4	19.0	19.6	20.0	20.4	20.6	20.0	19.3	18.6	17.8
-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: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-U-MWR-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°	17.0	16.2	15.3	14.5	13.5	12.6	11.6	10.6	9.2	7.9	6.6
85°	41.4	38.4	35.2	32.0	28.5	25.2	23.2	21.2	18.4	15.8	13.2
82.5°	72.7	68.0	63.3	58.3	52.7	47.1	41.6	36.3	30.3	24.1	19.8
80°	106.5	99.9	93.0	85.8	77.6	68.9	61.2	53.9	46.7	39.0	30.9
77.5°	143.3	133.6	123.6	114.4	104.9	94.7	83.9	72.6	62.9	53.8	44.2
75°	182.5	170.7	158.7	146.3	133.5	120.5	108.2	95.2	82.2	68.9	57.5
72.5°	224.1	209.6	194.5	179.1	164.2	148.9	133.2	117.5	102.4	87.0	71.3
70°	266.9	249.2	231.6	214.2	196.0	177.1	159.2	140.8	122.4	104.8	87.0
67.5°	310.6	290.6	269.9	249.4	229.2	207.9	185.5	163.9	142.9	122.4	102.4
65°	356.5	332.8	308.5	285.3	262.2	238.9	214.4	187.5	163.1	140.1	117.5
62.5°	401.6	375.8	348.6	320.9	294.5	268.8	242.7	212.8	183.3	157.3	132.5
60°	445.4	416.4	387.2	356.5	326.5	297.7	268.8	237.5	205.3	174.1	147.0
57.5°	485.5	455.1	422.4	390.2	357.9	325.9	293.9	260.8	226.7	192.4	161.2
55°	523.2	490.1	455.9	421.1	387.2	353.2	318.4	283.1	247.3	210.7	175.0
52.5°	558.6	524.0	487.8	450.7	414.0	379.0	342.3	304.7	266.8	228.3	190.2
50°	589.5	557.0	518.7	479.6	439.8	402.7	365.5	325.8	285.6	245.1	205.1
47.5°	615.4	585.6	548.5	507.4	465.6	425.9	387.1	346.1	303.8	261.3	219.4
45°	640.8	612.0	576.2	534.2	491.1	449.2	407.9	365.6	321.4	276.9	233.0
42.5°	664.7	635.9	602.4	560.0	515.4	471.5	428.2	384.0	338.2	291.7	246.0
40°	684.9	656.8	627.1	584.7	538.4	492.6	447.4	401.7	354.2	305.9	258.2
37.5°	704.7	675.8	645.2	608.0	559.9	512.4	465.5	418.8	369.7	319.6	269.8
35°	723.8	694.0	661.5	626.1	579.9	530.8	482.4	434.7	384.2	332.6	280.6
32.5°	740.8	710.2	676.5	640.8	598.4	547.8	498.0	448.7	397.6	345.0	290.6
30°	761.2	723.8	690.0	655.3	614.1	563.4	512.4	461.7	410.0	356.7	300.0
27.5°	780.7	736.9	702.1	667.2	626.5	577.6	525.8	473.8	421.3	367.3	309.3
25°	799.5	751.9	713.3	677.3	638.4	591.1	538.1	484.8	431.3	376.5	318.0
22.5°	821.1	765.7	723.8	685.9	649.8	603.3	549.2	494.8	440.3	384.8	325.8
20°	840.3	777.1	733.5	694.1	658.3	612.6	559.1	503.7	448.2	392.2	333.0
17.5°	859.1	789.9	742.9	702.0	664.7	620.7	567.8	511.5	455.1	398.5	339.3
15°	885.2	804.6	751.2	708.7	670.1	627.6	575.3	518.2	461.1	403.9	345.0
12.5°	907.6	817.0	758.0	714.3	674.5	633.3	581.4	523.8	466.0	408.7	350.0
10°	925.7	826.8	763.3	718.5	677.8	637.8	586.3	528.5	470.6	412.9	354.1
7.5°	939.5	834.1	767.1	721.5	680.2	641.1	590.8	532.6	474.3	416.1	357.3
5°	948.9	838.9	770.2	723.3	681.5	643.1	594.1	535.6	477.0	418.4	359.6
2.5°	953.8	841.1	772.6	723.7	681.7	643.7	596.1	537.4	478.6	419.8	361.0
0°	954.1	840.6	773.4	722.9	680.9	643.1	596.8	538.0	479.1	420.3	361.5
-2.5°	953.8	841.1	772.6	723.7	681.7	643.7	596.1	537.4	478.6	419.8	361.0
-5°	948.9	838.9	770.2	723.3	681.5	643.1	594.1	535.6	477.0	418.4	359.6
-7.5°	939.5	834.1	767.1	721.5	680.2	641.1	590.8	532.6	474.3	416.1	357.3
-10°	925.7	826.8	763.3	718.5	677.8	637.8	586.3	528.5	470.6	412.9	354.1
-12.5°	907.6	817.0	758.0	714.3	674.5	633.3	581.4	523.8	466.0	408.7	350.0
-15°	885.2	804.6	751.2	708.7	670.1	627.6	575.3	518.2	461.1	403.9	345.0
-17.5°	859.1	789.9	742.9	702.0	664.7	620.7	567.8	511.5	455.1	398.5	339.3
-20°	840.3	777.1	733.5	694.1	658.3	612.6	559.1	503.7	448.2	392.2	333.0

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	821.1	765.7	723.8	685.9	649.8	603.3	549.2	494.8	440.3	384.8	325.8
-25°	799.5	751.9	713.3	677.3	638.4	591.1	538.1	484.8	431.3	376.5	318.0
-27.5°	780.7	736.9	702.1	667.2	626.5	577.6	525.8	473.8	421.3	367.3	309.3
-30°	761.2	723.8	690.0	655.3	614.1	563.4	512.4	461.7	410.0	356.7	300.0
-32.5°	740.8	710.2	676.5	640.8	598.4	547.8	498.0	448.7	397.6	345.0	290.6
-35°	723.8	694.0	661.5	626.1	579.9	530.8	482.4	434.7	384.2	332.6	280.6
-37.5°	704.7	675.8	645.2	608.0	559.9	512.4	465.5	418.8	369.7	319.6	269.8
-40°	684.9	656.8	627.1	584.7	538.4	492.6	447.4	401.7	354.2	305.9	258.2
-42.5°	664.7	635.9	602.4	560.0	515.4	471.5	428.2	384.0	338.2	291.7	246.0
-45°	640.8	612.0	576.2	534.2	491.1	449.2	407.9	365.6	321.4	276.9	233.0
-47.5°	615.4	585.6	548.5	507.4	465.6	425.9	387.1	346.1	303.8	261.3	219.4
-50°	589.5	557.0	518.7	479.6	439.8	402.7	365.5	325.8	285.6	245.1	205.1
-52.5°	558.6	524.0	487.8	450.7	414.0	379.0	342.3	304.7	266.8	228.3	190.2
-55°	523.2	490.1	455.9	421.1	387.2	353.2	318.4	283.1	247.3	210.7	175.0
-57.5°	485.5	455.1	422.4	390.2	357.9	325.9	293.9	260.8	226.7	192.4	161.2
-60°	445.4	416.4	387.2	356.5	326.5	297.7	268.8	237.5	205.3	174.1	147.0
-62.5°	401.6	375.8	348.6	320.9	294.5	268.8	242.7	212.8	183.3	157.3	132.5
-65°	356.5	332.8	308.5	285.3	262.2	238.9	214.4	187.5	163.1	140.1	117.5
-67.5°	310.6	290.6	269.9	249.4	229.2	207.9	185.5	163.9	142.9	122.4	102.4
-70°	266.9	249.2	231.6	214.2	196.0	177.1	159.2	140.8	122.4	104.8	87.0
-72.5°	224.1	209.6	194.5	179.1	164.2	148.9	133.2	117.5	102.4	87.0	71.3
-75°	182.5	170.7	158.7	146.3	133.5	120.5	108.2	95.2	82.2	68.9	57.5
-77.5°	143.3	133.6	123.6	114.4	104.9	94.7	83.9	72.6	62.9	53.8	44.2
-80°	106.5	99.9	93.0	85.8	77.6	68.9	61.2	53.9	46.7	39.0	30.9
-82.5°	72.7	68.0	63.3	58.3	52.7	47.1	41.6	36.3	30.3	24.1	19.8
-85°	41.4	38.4	35.2	32.0	28.5	25.2	23.2	21.2	18.4	15.8	13.2
-87.5°	17.0	16.2	15.3	14.5	13.5	12.6	11.6	10.6	9.2	7.9	6.6
-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: P627257 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
85°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
82.5°	16.3	13.6	10.9	8.2	5.5	2.7	0.0
80°	22.4	18.1	14.5	10.9	7.3	3.6	0.0
77.5°	34.1	24.4	18.1	13.6	9.1	4.5	0.0
75°	45.8	34.1	22.4	16.3	10.9	5.4	0.0
72.5°	57.3	43.8	30.1	18.9	12.6	6.3	0.0
70°	68.9	53.3	37.7	22.1	14.3	7.2	0.0
67.5°	82.0	62.6	45.2	27.7	16.1	8.0	0.0
65°	94.9	72.5	52.6	33.2	17.7	8.9	0.0
62.5°	107.5	82.8	59.8	38.7	19.4	9.7	0.0
60°	119.7	92.9	66.8	44.0	21.0	10.5	0.0
57.5°	131.9	102.7	74.5	49.1	24.4	11.3	0.0
55°	143.9	112.1	82.1	54.1	27.6	12.0	0.0
52.5°	155.6	121.4	89.3	59.0	30.8	12.8	0.0
50°	167.0	131.0	96.3	63.7	33.9	13.5	0.0
47.5°	178.2	140.2	103.0	68.4	36.8	14.2	0.0
45°	189.9	149.1	109.4	73.2	39.6	14.8	0.0
42.5°	201.0	157.8	115.5	77.8	42.2	15.5	0.0
40°	211.5	166.0	121.7	82.0	44.8	16.1	0.0
37.5°	221.4	173.9	127.9	85.9	47.1	16.7	0.0
35°	230.7	181.6	133.9	89.6	49.3	17.2	0.0
32.5°	239.3	188.9	139.5	93.1	51.4	17.7	0.0
30°	247.3	195.6	144.7	96.3	53.3	18.2	0.0
27.5°	254.7	201.8	149.4	99.2	55.0	18.6	0.0
25°	261.4	207.5	153.6	101.9	56.6	19.0	0.0
22.5°	267.3	212.5	157.5	104.3	58.0	19.4	0.0
20°	272.6	216.8	160.9	106.5	59.2	19.7	0.0
17.5°	277.4	220.6	163.9	108.4	60.3	20.0	0.0
15°	281.7	223.8	166.4	109.9	61.1	20.3	0.0
12.5°	285.4	226.4	168.5	111.3	61.9	20.5	0.0
10°	288.5	228.5	170.2	112.3	62.4	20.7	0.0
7.5°	291.0	230.0	171.4	113.0	62.8	20.8	0.0
5°	292.8	231.0	172.1	113.5	63.0	20.9	0.0
2.5°	293.8	231.4	172.4	113.6	63.1	21.0	0.0
0°	294.2	231.2	172.3	113.5	63.0	21.0	0.0
-2.5°	293.8	231.4	172.4	113.6	63.1	21.0	0.0
-5°	292.8	231.0	172.1	113.5	63.0	20.9	0.0
-7.5°	291.0	230.0	171.4	113.0	62.8	20.8	0.0
-10°	288.5	228.5	170.2	112.3	62.4	20.7	0.0
-12.5°	285.4	226.4	168.5	111.3	61.9	20.5	0.0
-15°	281.7	223.8	166.4	109.9	61.1	20.3	0.0
-17.5°	277.4	220.6	163.9	108.4	60.3	20.0	0.0
-20°	272.6	216.8	160.9	106.5	59.2	19.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	267.3	212.5	157.5	104.3	58.0	19.4	0.0
-25°	261.4	207.5	153.6	101.9	56.6	19.0	0.0
-27.5°	254.7	201.8	149.4	99.2	55.0	18.6	0.0
-30°	247.3	195.6	144.7	96.3	53.3	18.2	0.0
-32.5°	239.3	188.9	139.5	93.1	51.4	17.7	0.0
-35°	230.7	181.6	133.9	89.6	49.3	17.2	0.0
-37.5°	221.4	173.9	127.9	85.9	47.1	16.7	0.0
-40°	211.5	166.0	121.7	82.0	44.8	16.1	0.0
-42.5°	201.0	157.8	115.5	77.8	42.2	15.5	0.0
-45°	189.9	149.1	109.4	73.2	39.6	14.8	0.0
-47.5°	178.2	140.2	103.0	68.4	36.8	14.2	0.0
-50°	167.0	131.0	96.3	63.7	33.9	13.5	0.0
-52.5°	155.6	121.4	89.3	59.0	30.8	12.8	0.0
-55°	143.9	112.1	82.1	54.1	27.6	12.0	0.0
-57.5°	131.9	102.7	74.5	49.1	24.4	11.3	0.0
-60°	119.7	92.9	66.8	44.0	21.0	10.5	0.0
-62.5°	107.5	82.8	59.8	38.7	19.4	9.7	0.0
-65°	94.9	72.5	52.6	33.2	17.7	8.9	0.0
-67.5°	82.0	62.6	45.2	27.7	16.1	8.0	0.0
-70°	68.9	53.3	37.7	22.1	14.3	7.2	0.0
-72.5°	57.3	43.8	30.1	18.9	12.6	6.3	0.0
-75°	45.8	34.1	22.4	16.3	10.9	5.4	0.0
-77.5°	34.1	24.4	18.1	13.6	9.1	4.5	0.0
-80°	22.4	18.1	14.5	10.9	7.3	3.6	0.0
-82.5°	16.3	13.6	10.9	8.2	5.5	2.7	0.0
-85°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
-87.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)