

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: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627095 (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-SA3B-735-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N70
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

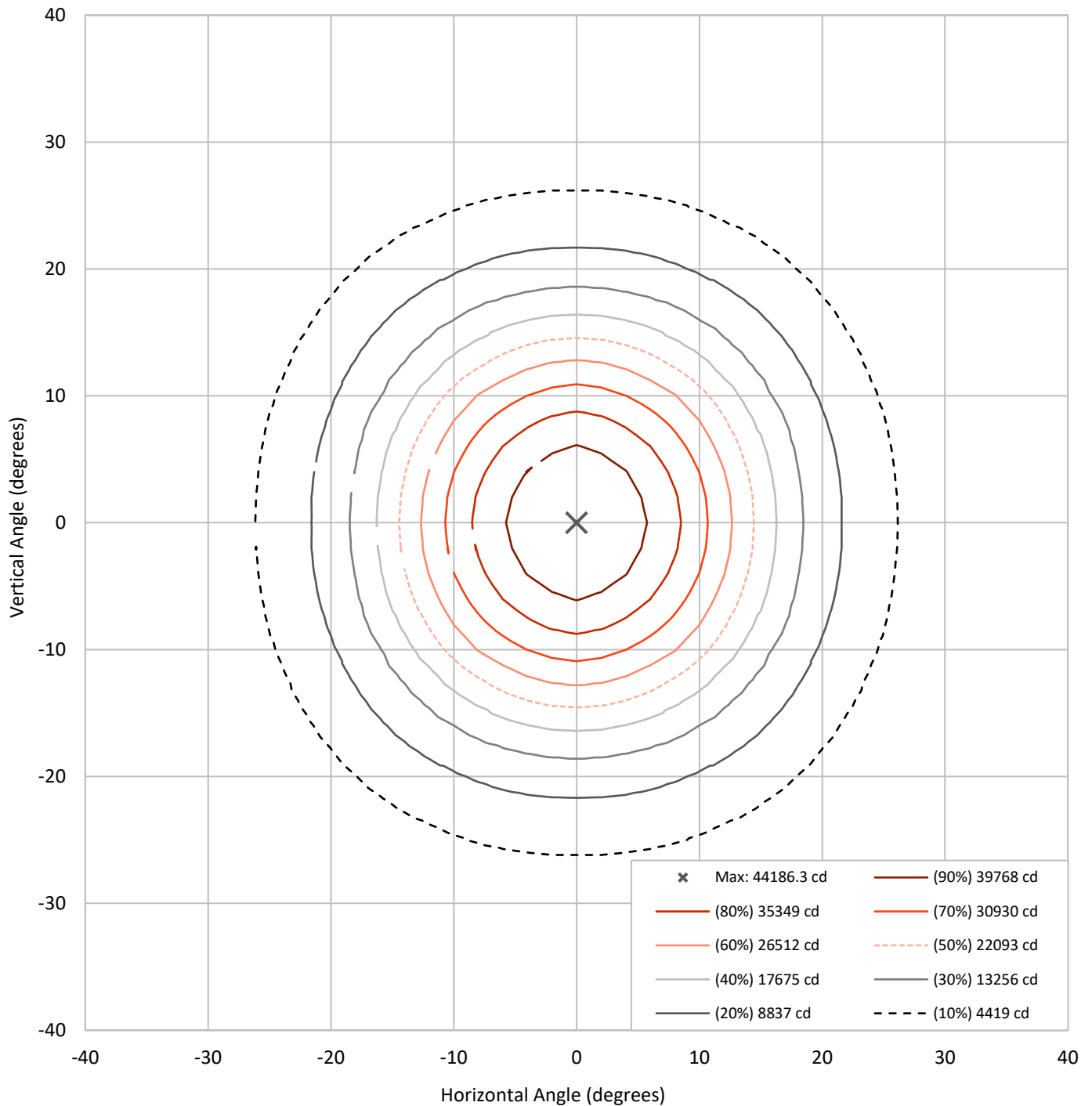
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	13805.3 lumens	Max Intensity:	44186.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	6712 lumens	Field Lumens:	11327.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





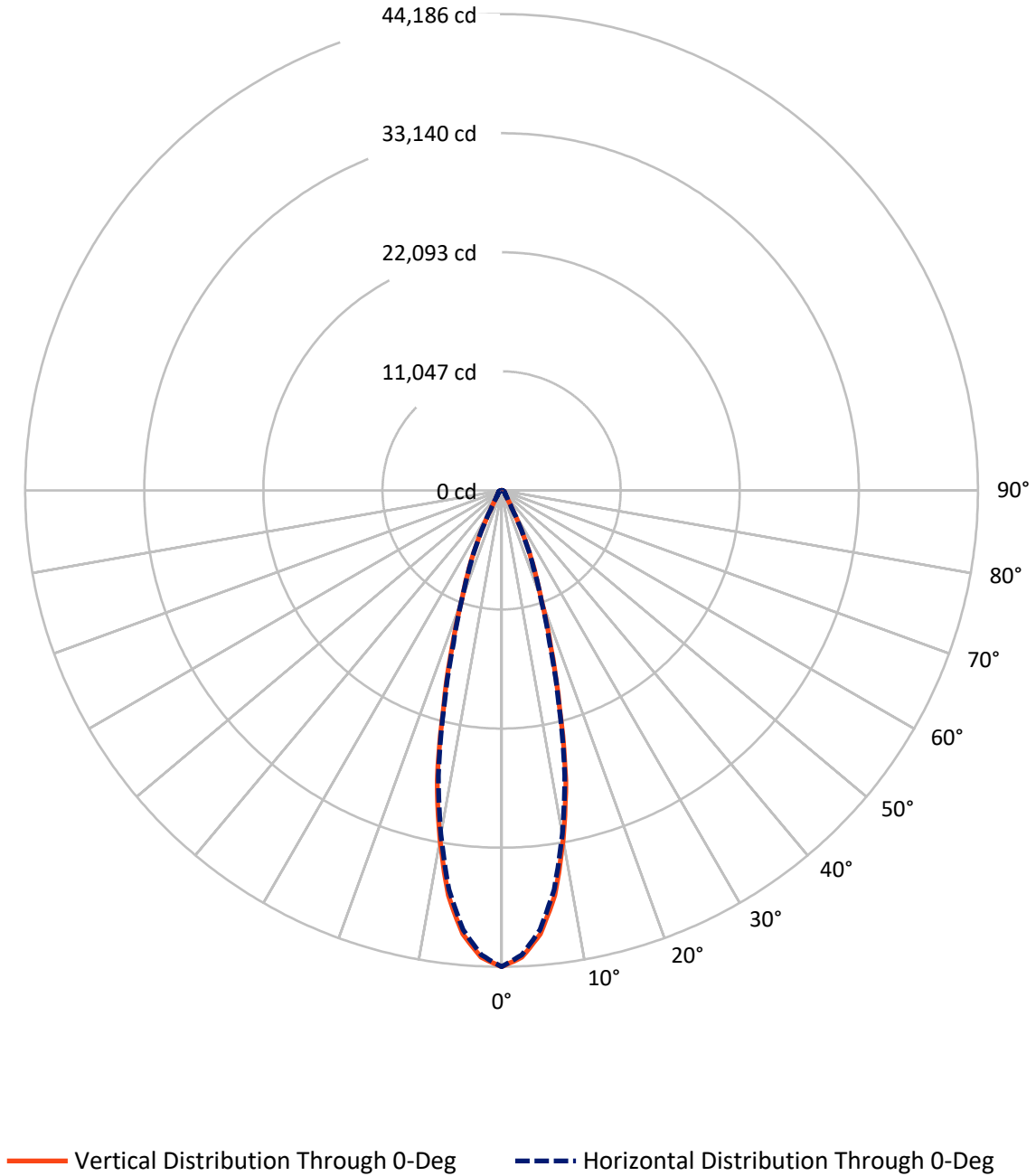
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Lumen Table

90																			
80	0.3	2.3		6.0		9.5		10.5		9.5		6.0		2.3		0.3			
70																			
60	1.0	1.2	2.4	3.9	5.5	6.7	7.5	7.8	7.8	7.5	6.7	5.5	3.9	2.4	1.2	1.0			
50		1.8	3.6	5.8	7.7	9.5	10.6	11.0	11.0	10.6	9.5	7.7	5.8	3.6	1.8				
40	1.8	2.3	4.6	7.1	9.5	12.0	14.1	15.1	15.1	14.1	12.0	9.5	7.1	4.6	2.3	1.8			
30		2.7	5.4	8.2	11.6	16.5	23.9	31.1	31.1	23.9	16.5	11.6	8.2	5.4	2.7				
20	2.3	3.0	5.9	9.2	14.8	32.3	90.9	161.2	161.2	90.9	32.3	14.8	9.2	5.9	3.0	2.3			
10		3.2	6.2	10.0	20.2	84.7	302.0	578.7	578.7	302.0	84.7	20.2	10.0	6.2	3.2				
0	2.5	3.3	6.3	10.6	25.7	146.3	559.0	1099.5	1099.5	559.0	146.3	25.7	10.6	6.3	3.3	2.5			
-10		3.3	6.3	10.6	25.7	146.3	559.0	1099.5	1099.5	559.0	146.3	25.7	10.6	6.3	3.3				
-20	2.3	3.2	6.2	10.0	20.2	84.7	302.0	578.7	578.7	302.0	84.7	20.2	10.0	6.2	3.2	2.3			
-30		3.0	5.9	9.2	14.8	32.3	90.9	161.2	161.2	90.9	32.3	14.8	9.2	5.9	3.0				
-40	1.8	2.7	5.4	8.2	11.6	16.5	23.9	31.1	31.1	23.9	16.5	11.6	8.2	5.4	2.7	1.8			
-50		2.3	4.6	7.1	9.5	12.0	14.1	15.1	15.1	14.1	12.0	9.5	7.1	4.6	2.3				
-60	1.0	1.8	3.6	5.8	7.7	9.5	10.6	11.0	11.0	10.6	9.5	7.7	5.8	3.6	1.8	1.0			
-70		1.2	2.4	3.9	5.5	6.7	7.5	7.8	7.8	7.5	6.7	5.5	3.9	2.4	1.2				
-80																			
-90	0.3	2.3		6.0		9.5		10.5		9.5		6.0		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

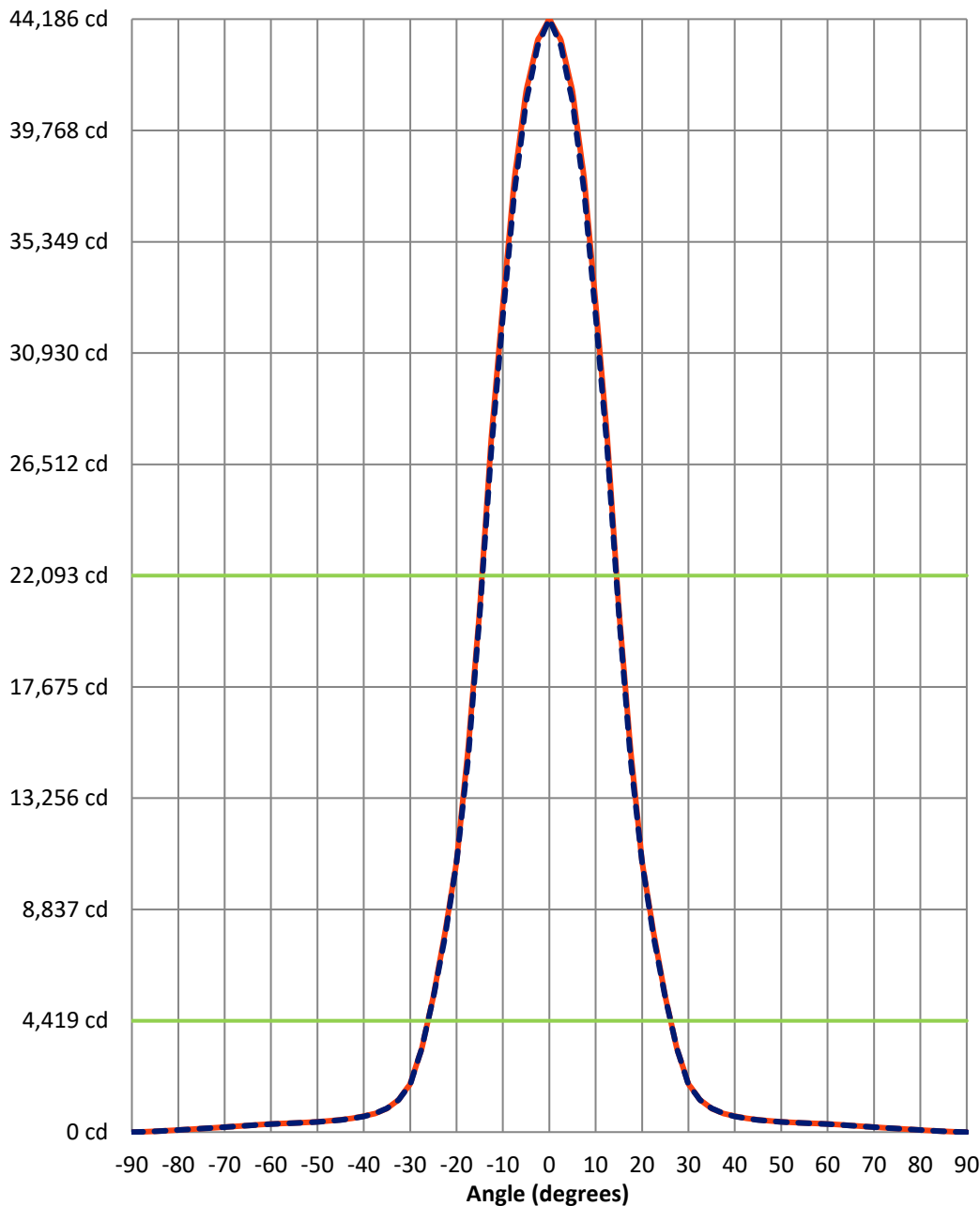
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 6712
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 11327.1
 Efficiency: 82.0%

Spill:
 Lumens: 2478.3
 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	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.8	14.5	17.3
80°	0.0	2.0	3.9	5.9	7.8	9.7	11.9	15.3	19.0	22.8	26.7
77.5°	0.0	2.4	4.9	7.3	9.7	12.8	17.0	21.4	26.1	31.0	36.4
75°	0.0	2.9	5.8	8.8	11.9	17.0	22.0	27.4	33.2	40.1	46.9
72.5°	0.0	3.4	6.8	10.2	15.2	21.1	26.9	33.6	41.6	49.5	57.3
70°	0.0	3.9	7.7	11.8	18.5	25.2	32.0	40.8	49.8	58.8	68.4
67.5°	0.0	4.3	8.6	14.2	21.7	29.2	38.2	48.0	58.0	68.9	79.6
65°	0.0	4.8	9.5	16.6	24.9	33.7	44.3	54.9	66.8	78.8	90.8
62.5°	0.0	5.2	10.4	18.9	28.0	38.7	50.2	62.3	75.5	88.7	102.5
60°	0.0	5.6	11.3	21.2	31.0	43.6	56.0	69.8	84.1	98.7	113.8
57.5°	0.0	6.1	12.8	23.4	34.8	48.3	62.2	77.1	92.5	108.4	124.9
55°	0.0	6.5	14.2	25.6	38.5	52.9	68.2	84.2	100.7	117.8	135.9
52.5°	0.0	6.9	15.6	27.7	42.1	57.5	74.0	91.1	108.6	127.4	146.5
50°	0.0	7.3	17.0	29.7	45.6	62.0	79.5	97.7	116.3	136.7	156.4
47.5°	0.0	7.6	18.3	31.8	48.9	66.4	84.8	104.1	124.2	145.6	165.7
45°	0.0	8.0	19.5	34.2	52.1	70.6	90.1	110.3	131.9	153.5	174.4
42.5°	0.0	8.3	20.7	36.5	55.2	74.6	95.1	116.4	139.2	160.9	182.6
40°	0.0	8.7	21.9	38.7	58.2	78.3	99.9	122.4	145.8	167.8	190.2
37.5°	0.0	9.0	23.0	40.7	61.0	81.9	104.5	127.9	151.7	174.5	197.5
35°	0.0	9.3	24.0	42.6	63.7	85.3	108.7	133.2	157.2	180.8	204.3
32.5°	0.0	9.5	25.0	44.4	66.2	88.7	112.8	138.0	162.4	186.7	210.8
30°	0.0	9.8	25.9	46.0	68.5	91.8	116.6	142.3	167.3	192.2	217.0
27.5°	0.0	10.0	26.7	47.5	70.5	94.6	120.1	146.2	171.7	197.2	222.6
25°	0.0	10.2	27.5	48.8	72.5	97.3	123.3	149.7	175.8	201.8	227.8
22.5°	0.0	10.4	28.2	49.9	74.2	99.6	126.1	152.9	179.4	206.0	233.0
20°	0.0	10.6	28.8	51.0	75.9	101.7	128.6	155.7	182.7	209.7	237.6
17.5°	0.0	10.8	29.4	51.8	77.3	103.4	130.9	158.1	185.5	212.9	241.6
15°	0.0	10.9	29.8	52.5	78.6	104.9	132.9	160.3	187.9	215.6	245.0
12.5°	0.0	11.0	30.3	53.1	79.7	106.1	134.7	162.5	190.1	217.8	247.8
10°	0.0	11.1	30.6	53.6	80.6	107.0	136.2	164.2	192.1	220.4	250.5
7.5°	0.0	11.2	30.9	53.9	81.3	107.6	137.4	165.6	193.7	222.8	253.3
5°	0.0	11.3	31.0	54.0	81.9	107.9	138.3	166.5	194.8	224.7	255.5
2.5°	0.0	11.3	31.2	54.0	82.2	108.0	138.8	167.1	195.5	226.0	257.1
0°	0.0	11.3	31.2	53.9	82.3	107.8	139.0	167.3	195.7	226.9	258.1
-2.5°	0.0	11.3	31.2	54.0	82.2	108.0	138.8	167.1	195.5	226.0	257.1
-5°	0.0	11.3	31.0	54.0	81.9	107.9	138.3	166.5	194.8	224.7	255.5
-7.5°	0.0	11.2	30.9	53.9	81.3	107.6	137.4	165.6	193.7	222.8	253.3
-10°	0.0	11.1	30.6	53.6	80.6	107.0	136.2	164.2	192.1	220.4	250.5
-12.5°	0.0	11.0	30.3	53.1	79.7	106.1	134.7	162.5	190.1	217.8	247.8
-15°	0.0	10.9	29.8	52.5	78.6	104.9	132.9	160.3	187.9	215.6	245.0
-17.5°	0.0	10.8	29.4	51.8	77.3	103.4	130.9	158.1	185.5	212.9	241.6
-20°	0.0	10.6	28.8	51.0	75.9	101.7	128.6	155.7	182.7	209.7	237.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.4	28.2	49.9	74.2	99.6	126.1	152.9	179.4	206.0	233.0
-25°	0.0	10.2	27.5	48.8	72.5	97.3	123.3	149.7	175.8	201.8	227.8
-27.5°	0.0	10.0	26.7	47.5	70.5	94.6	120.1	146.2	171.7	197.2	222.6
-30°	0.0	9.8	25.9	46.0	68.5	91.8	116.6	142.3	167.3	192.2	217.0
-32.5°	0.0	9.5	25.0	44.4	66.2	88.7	112.8	138.0	162.4	186.7	210.8
-35°	0.0	9.3	24.0	42.6	63.7	85.3	108.7	133.2	157.2	180.8	204.3
-37.5°	0.0	9.0	23.0	40.7	61.0	81.9	104.5	127.9	151.7	174.5	197.5
-40°	0.0	8.7	21.9	38.7	58.2	78.3	99.9	122.4	145.8	167.8	190.2
-42.5°	0.0	8.3	20.7	36.5	55.2	74.6	95.1	116.4	139.2	160.9	182.6
-45°	0.0	8.0	19.5	34.2	52.1	70.6	90.1	110.3	131.9	153.5	174.4
-47.5°	0.0	7.6	18.3	31.8	48.9	66.4	84.8	104.1	124.2	145.6	165.7
-50°	0.0	7.3	17.0	29.7	45.6	62.0	79.5	97.7	116.3	136.7	156.4
-52.5°	0.0	6.9	15.6	27.7	42.1	57.5	74.0	91.1	108.6	127.4	146.5
-55°	0.0	6.5	14.2	25.6	38.5	52.9	68.2	84.2	100.7	117.8	135.9
-57.5°	0.0	6.1	12.8	23.4	34.8	48.3	62.2	77.1	92.5	108.4	124.9
-60°	0.0	5.6	11.3	21.2	31.0	43.6	56.0	69.8	84.1	98.7	113.8
-62.5°	0.0	5.2	10.4	18.9	28.0	38.7	50.2	62.3	75.5	88.7	102.5
-65°	0.0	4.8	9.5	16.6	24.9	33.7	44.3	54.9	66.8	78.8	90.8
-67.5°	0.0	4.3	8.6	14.2	21.7	29.2	38.2	48.0	58.0	68.9	79.6
-70°	0.0	3.9	7.7	11.8	18.5	25.2	32.0	40.8	49.8	58.8	68.4
-72.5°	0.0	3.4	6.8	10.2	15.2	21.1	26.9	33.6	41.6	49.5	57.3
-75°	0.0	2.9	5.8	8.8	11.9	17.0	22.0	27.4	33.2	40.1	46.9
-77.5°	0.0	2.4	4.9	7.3	9.7	12.8	17.0	21.4	26.1	31.0	36.4
-80°	0.0	2.0	3.9	5.9	7.8	9.7	11.9	15.3	19.0	22.8	26.7
-82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.8	14.5	17.3
-85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
-87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
-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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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°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
85°	10.4	11.3	13.0	14.6	16.2	17.8	19.3	20.7	22.1	23.4	24.6
82.5°	20.0	22.6	25.1	27.6	30.0	32.3	34.5	36.7	38.7	40.7	42.6
80°	30.4	33.8	37.3	40.5	43.7	46.8	49.8	52.6	55.4	58.3	61.5
77.5°	41.4	45.8	49.8	53.5	57.5	62.3	67.0	71.5	75.8	79.9	83.8
75°	52.7	57.8	63.3	68.7	74.5	80.3	85.9	91.4	96.6	102.1	107.5
72.5°	64.6	71.5	78.2	84.7	91.9	98.9	105.4	111.3	118.0	125.3	132.0
70°	77.3	85.2	93.6	102.0	110.1	118.0	126.0	134.0	142.2	150.1	157.6
67.5°	89.9	99.9	109.6	119.1	128.4	137.8	147.3	157.0	166.4	175.3	184.1
65°	103.5	114.6	125.5	136.1	146.4	157.9	169.1	180.0	191.9	202.9	212.5
62.5°	116.6	129.1	141.1	153.1	165.6	178.3	191.4	205.0	219.2	229.4	238.2
60°	129.3	143.3	156.8	170.5	184.4	198.8	213.8	228.3	241.2	252.4	261.7
57.5°	141.6	157.4	172.2	187.2	202.5	218.8	235.2	250.1	262.1	272.9	283.0
55°	153.6	171.1	186.9	202.8	220.1	239.2	256.1	269.5	281.9	290.7	300.5
52.5°	165.0	183.7	200.2	218.1	237.9	257.6	274.5	287.5	297.9	307.1	316.6
50°	175.9	194.7	213.1	233.3	254.2	274.1	291.1	303.2	313.6	323.1	332.2
47.5°	185.8	205.3	226.1	247.7	269.6	289.2	305.6	317.8	328.5	338.4	348.4
45°	195.1	216.1	238.1	261.8	284.2	303.7	318.6	331.7	342.1	353.1	365.7
42.5°	204.0	226.4	250.4	275.6	298.5	316.3	330.7	343.3	355.3	368.6	382.5
40°	212.8	236.1	262.0	288.5	311.9	327.3	341.7	355.0	368.8	383.9	399.2
37.5°	220.9	246.0	272.9	300.6	321.7	337.6	352.6	367.5	382.9	399.2	418.1
35°	228.4	255.1	283.3	310.1	330.3	347.8	363.7	379.9	397.2	417.0	437.9
32.5°	235.7	263.3	293.0	318.1	338.2	356.8	374.5	392.8	412.6	434.4	458.3
30°	242.8	271.5	301.5	326.2	345.2	364.3	385.0	405.4	427.3	451.6	479.7
27.5°	249.8	279.0	308.5	332.6	351.4	370.8	393.0	417.7	441.8	468.3	500.9
25°	256.2	286.7	315.5	337.7	356.7	377.1	400.3	426.5	454.8	486.4	526.3
22.5°	262.2	293.7	322.2	342.0	361.1	382.5	407.4	435.2	466.0	502.6	551.3
20°	267.9	299.1	326.6	346.0	364.8	386.9	413.6	442.9	478.1	522.4	580.7
17.5°	272.8	303.7	329.6	349.3	368.7	391.4	418.9	449.4	489.0	539.9	608.9
15°	277.1	307.5	332.3	351.8	371.9	396.0	424.3	457.6	500.9	557.1	633.2
12.5°	280.5	310.4	334.5	353.6	374.5	399.4	429.0	465.5	512.8	575.8	666.0
10°	283.2	312.6	336.2	354.8	376.3	401.6	432.6	471.6	522.4	591.4	694.1
7.5°	285.9	314.5	337.4	355.3	377.3	402.8	435.2	476.0	529.5	603.1	716.5
5°	287.8	316.3	338.1	356.3	377.9	403.3	436.9	478.5	533.9	610.9	732.3
2.5°	288.9	317.3	338.1	357.1	378.0	403.5	438.9	479.9	538.8	617.4	741.4
0°	289.3	317.7	337.5	357.4	377.2	402.8	439.6	479.3	541.7	621.1	743.1
-2.5°	288.9	317.3	338.1	357.1	378.0	403.5	438.9	479.9	538.8	617.4	741.4
-5°	287.8	316.3	338.1	356.3	377.9	403.3	436.9	478.5	533.9	610.9	732.3
-7.5°	285.9	314.5	337.4	355.3	377.3	402.8	435.2	476.0	529.5	603.1	716.5
-10°	283.2	312.6	336.2	354.8	376.3	401.6	432.6	471.6	522.4	591.4	694.1
-12.5°	280.5	310.4	334.5	353.6	374.5	399.4	429.0	465.5	512.8	575.8	666.0
-15°	277.1	307.5	332.3	351.8	371.9	396.0	424.3	457.6	500.9	557.1	633.2
-17.5°	272.8	303.7	329.6	349.3	368.7	391.4	418.9	449.4	489.0	539.9	608.9
-20°	267.9	299.1	326.6	346.0	364.8	386.9	413.6	442.9	478.1	522.4	580.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	262.2	293.7	322.2	342.0	361.1	382.5	407.4	435.2	466.0	502.6	551.3
-25°	256.2	286.7	315.5	337.7	356.7	377.1	400.3	426.5	454.8	486.4	526.3
-27.5°	249.8	279.0	308.5	332.6	351.4	370.8	393.0	417.7	441.8	468.3	500.9
-30°	242.8	271.5	301.5	326.2	345.2	364.3	385.0	405.4	427.3	451.6	479.7
-32.5°	235.7	263.3	293.0	318.1	338.2	356.8	374.5	392.8	412.6	434.4	458.3
-35°	228.4	255.1	283.3	310.1	330.3	347.8	363.7	379.9	397.2	417.0	437.9
-37.5°	220.9	246.0	272.9	300.6	321.7	337.6	352.6	367.5	382.9	399.2	418.1
-40°	212.8	236.1	262.0	288.5	311.9	327.3	341.7	355.0	368.8	383.9	399.2
-42.5°	204.0	226.4	250.4	275.6	298.5	316.3	330.7	343.3	355.3	368.6	382.5
-45°	195.1	216.1	238.1	261.8	284.2	303.7	318.6	331.7	342.1	353.1	365.7
-47.5°	185.8	205.3	226.1	247.7	269.6	289.2	305.6	317.8	328.5	338.4	348.4
-50°	175.9	194.7	213.1	233.3	254.2	274.1	291.1	303.2	313.6	323.1	332.2
-52.5°	165.0	183.7	200.2	218.1	237.9	257.6	274.5	287.5	297.9	307.1	316.6
-55°	153.6	171.1	186.9	202.8	220.1	239.2	256.1	269.5	281.9	290.7	300.5
-57.5°	141.6	157.4	172.2	187.2	202.5	218.8	235.2	250.1	262.1	272.9	283.0
-60°	129.3	143.3	156.8	170.5	184.4	198.8	213.8	228.3	241.2	252.4	261.7
-62.5°	116.6	129.1	141.1	153.1	165.6	178.3	191.4	205.0	219.2	229.4	238.2
-65°	103.5	114.6	125.5	136.1	146.4	157.9	169.1	180.0	191.9	202.9	212.5
-67.5°	89.9	99.9	109.6	119.1	128.4	137.8	147.3	157.0	166.4	175.3	184.1
-70°	77.3	85.2	93.6	102.0	110.1	118.0	126.0	134.0	142.2	150.1	157.6
-72.5°	64.6	71.5	78.2	84.7	91.9	98.9	105.4	111.3	118.0	125.3	132.0
-75°	52.7	57.8	63.3	68.7	74.5	80.3	85.9	91.4	96.6	102.1	107.5
-77.5°	41.4	45.8	49.8	53.5	57.5	62.3	67.0	71.5	75.8	79.9	83.8
-80°	30.4	33.8	37.3	40.5	43.7	46.8	49.8	52.6	55.4	58.3	61.5
-82.5°	20.0	22.6	25.1	27.6	30.0	32.3	34.5	36.7	38.7	40.7	42.6
-85°	10.4	11.3	13.0	14.6	16.2	17.8	19.3	20.7	22.1	23.4	24.6
-87.5°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
-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: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-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°	9.3	9.5	9.8	10.0	10.2	10.4	10.6	10.8	10.9	11.0	11.1
85°	25.8	26.9	27.9	28.9	29.7	30.0	30.0	30.0	29.9	30.3	30.6
82.5°	44.3	46.3	48.4	50.4	52.3	53.1	53.5	53.9	54.1	54.9	55.5
80°	64.4	67.6	70.5	73.1	75.4	77.1	78.6	79.9	81.2	81.8	82.1
77.5°	87.7	91.6	95.1	98.4	101.5	103.9	105.9	107.4	108.7	109.4	109.9
75°	112.8	117.7	121.9	125.9	129.6	132.2	134.0	135.3	136.1	137.1	137.9
72.5°	138.2	143.6	148.8	153.6	157.8	160.7	162.8	164.5	165.7	166.7	167.1
70°	164.8	171.3	177.0	181.8	185.6	188.4	190.7	192.5	193.9	194.8	195.3
67.5°	192.4	199.4	204.7	208.8	212.3	215.2	218.0	220.1	221.5	222.8	224.3
65°	220.5	227.6	233.0	237.5	241.0	244.9	248.5	251.2	252.9	254.6	256.2
62.5°	246.9	255.0	261.2	267.1	273.0	278.6	281.8	284.3	286.1	287.7	289.5
60°	270.9	280.1	287.7	294.8	302.1	309.3	312.3	314.6	316.8	318.9	320.8
57.5°	292.2	302.0	311.3	318.3	325.2	332.0	336.6	339.2	340.9	341.9	342.7
55°	310.8	320.5	329.7	337.8	345.3	352.3	357.6	360.1	361.9	363.1	363.8
52.5°	327.4	337.8	347.7	356.7	364.8	372.3	378.8	382.3	385.1	387.1	387.7
50°	343.7	355.0	365.7	375.3	384.7	393.7	402.0	406.8	410.2	412.2	412.9
47.5°	360.8	373.0	384.6	395.7	406.4	417.1	426.9	433.5	438.3	441.8	444.4
45°	378.5	391.7	404.5	417.6	429.9	443.7	456.1	465.6	472.6	478.7	483.6
42.5°	396.4	411.2	425.9	442.8	459.6	475.2	490.0	502.6	514.2	525.4	534.2
40°	415.8	432.0	452.2	472.1	492.9	511.0	532.6	551.9	569.6	588.8	604.6
37.5°	437.0	457.8	481.7	505.7	532.6	558.8	588.9	618.5	644.3	677.8	704.8
35°	460.1	486.5	514.7	546.9	581.7	622.6	664.7	714.2	756.2	809.4	858.6
32.5°	485.9	516.9	553.5	597.7	644.6	710.4	772.2	856.0	927.7	1020.1	1121.1
30°	512.1	552.1	602.0	659.1	738.4	831.8	940.7	1082.4	1235.7	1394.2	1607.7
27.5°	543.1	595.1	657.4	745.5	864.2	993.5	1215.4	1455.0	1788.8	2053.1	2523.7
25°	576.6	641.0	732.9	860.6	1024.6	1286.3	1660.9	2094.6	2762.6	3356.7	4039.5
22.5°	616.2	703.7	825.3	992.6	1278.4	1728.7	2313.4	3204.1	4194.3	5171.6	6064.8
20°	658.1	763.8	933.9	1206.4	1648.1	2299.2	3342.4	4615.1	5929.7	7269.0	8397.7
17.5°	707.1	850.6	1074.6	1436.6	2066.7	3181.5	4574.8	6193.3	7910.6	9619.7	11104.2
15°	749.2	926.4	1228.2	1770.4	2710.0	4104.3	5816.9	7860.9	10020.5	12238.5	14642.3
12.5°	802.9	1017.9	1386.4	2046.3	3280.8	5093.1	7188.5	9561.6	12198.9	15143.7	18891.3
10°	852.2	1113.8	1594.5	2488.4	3966.8	6016.6	8373.2	11065.6	14486.4	18911.8	23432.3
7.5°	891.6	1189.8	1755.8	2833.4	4542.1	6805.6	9440.0	12668.1	16935.7	22205.4	27370.3
5°	919.0	1242.5	1871.3	3094.1	5005.0	7408.6	10197.0	13849.3	19000.2	24901.4	30175.1
2.5°	936.3	1271.3	1927.8	3248.9	5306.8	7771.5	10669.3	14600.1	20265.6	26617.6	31957.1
0°	944.5	1276.3	1891.8	3324.1	5349.2	7745.9	10712.6	14850.7	20565.8	27083.6	32401.6
-2.5°	936.3	1271.3	1927.8	3248.9	5306.8	7771.5	10669.3	14600.1	20265.6	26617.6	31957.1
-5°	919.0	1242.5	1871.3	3094.1	5005.0	7408.6	10197.0	13849.3	19000.2	24901.4	30175.1
-7.5°	891.6	1189.8	1755.8	2833.4	4542.1	6805.6	9440.0	12668.1	16935.7	22205.4	27370.3
-10°	852.2	1113.8	1594.5	2488.4	3966.8	6016.6	8373.2	11065.6	14486.4	18911.8	23432.3
-12.5°	802.9	1017.9	1386.4	2046.3	3280.8	5093.1	7188.5	9561.6	12198.9	15143.7	18891.3
-15°	749.2	926.4	1228.2	1770.4	2710.0	4104.3	5816.9	7860.9	10020.5	12238.5	14642.3
-17.5°	707.1	850.6	1074.6	1436.6	2066.7	3181.5	4574.8	6193.3	7910.6	9619.7	11104.2
-20°	658.1	763.8	933.9	1206.4	1648.1	2299.2	3342.4	4615.1	5929.7	7269.0	8397.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	616.2	703.7	825.3	992.6	1278.4	1728.7	2313.4	3204.1	4194.3	5171.6	6064.8
-25°	576.6	641.0	732.9	860.6	1024.6	1286.3	1660.9	2094.6	2762.6	3356.7	4039.5
-27.5°	543.1	595.1	657.4	745.5	864.2	993.5	1215.4	1455.0	1788.8	2053.1	2523.7
-30°	512.1	552.1	602.0	659.1	738.4	831.8	940.7	1082.4	1235.7	1394.2	1607.7
-32.5°	485.9	516.9	553.5	597.7	644.6	710.4	772.2	856.0	927.7	1020.1	1121.1
-35°	460.1	486.5	514.7	546.9	581.7	622.6	664.7	714.2	756.2	809.4	858.6
-37.5°	437.0	457.8	481.7	505.7	532.6	558.8	588.9	618.5	644.3	677.8	704.8
-40°	415.8	432.0	452.2	472.1	492.9	511.0	532.6	551.9	569.6	588.8	604.6
-42.5°	396.4	411.2	425.9	442.8	459.6	475.2	490.0	502.6	514.2	525.4	534.2
-45°	378.5	391.7	404.5	417.6	429.9	443.7	456.1	465.6	472.6	478.7	483.6
-47.5°	360.8	373.0	384.6	395.7	406.4	417.1	426.9	433.5	438.3	441.8	444.4
-50°	343.7	355.0	365.7	375.3	384.7	393.7	402.0	406.8	410.2	412.2	412.9
-52.5°	327.4	337.8	347.7	356.7	364.8	372.3	378.8	382.3	385.1	387.1	387.7
-55°	310.8	320.5	329.7	337.8	345.3	352.3	357.6	360.1	361.9	363.1	363.8
-57.5°	292.2	302.0	311.3	318.3	325.2	332.0	336.6	339.2	340.9	341.9	342.7
-60°	270.9	280.1	287.7	294.8	302.1	309.3	312.3	314.6	316.8	318.9	320.8
-62.5°	246.9	255.0	261.2	267.1	273.0	278.6	281.8	284.3	286.1	287.7	289.5
-65°	220.5	227.6	233.0	237.5	241.0	244.9	248.5	251.2	252.9	254.6	256.2
-67.5°	192.4	199.4	204.7	208.8	212.3	215.2	218.0	220.1	221.5	222.8	224.3
-70°	164.8	171.3	177.0	181.8	185.6	188.4	190.7	192.5	193.9	194.8	195.3
-72.5°	138.2	143.6	148.8	153.6	157.8	160.7	162.8	164.5	165.7	166.7	167.1
-75°	112.8	117.7	121.9	125.9	129.6	132.2	134.0	135.3	136.1	137.1	137.9
-77.5°	87.7	91.6	95.1	98.4	101.5	103.9	105.9	107.4	108.7	109.4	109.9
-80°	64.4	67.6	70.5	73.1	75.4	77.1	78.6	79.9	81.2	81.8	82.1
-82.5°	44.3	46.3	48.4	50.4	52.3	53.1	53.5	53.9	54.1	54.9	55.5
-85°	25.8	26.9	27.9	28.9	29.7	30.0	30.0	30.0	29.9	30.3	30.6
-87.5°	9.3	9.5	9.8	10.0	10.2	10.4	10.6	10.8	10.9	11.0	11.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-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°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.0	10.9	10.8
85°	30.9	31.0	31.2	31.2	31.2	31.0	30.9	30.6	30.3	29.9	30.0
82.5°	56.0	56.4	56.6	56.7	56.6	56.4	56.0	55.5	54.9	54.1	53.9
80°	82.1	81.9	82.2	82.3	82.2	81.9	82.1	82.1	81.8	81.2	79.9
77.5°	110.1	110.1	110.5	110.6	110.5	110.1	110.1	109.9	109.4	108.7	107.4
75°	138.3	138.4	138.8	139.0	138.8	138.4	138.3	137.9	137.1	136.1	135.3
72.5°	167.1	166.7	167.1	167.3	167.1	166.7	167.1	167.1	166.7	165.7	164.5
70°	195.4	195.0	196.8	198.5	196.8	195.0	195.4	195.3	194.8	193.9	192.5
67.5°	225.3	225.9	227.9	229.7	227.9	225.9	225.3	224.3	222.8	221.5	220.1
65°	257.0	257.1	259.0	260.9	259.0	257.1	257.0	256.2	254.6	252.9	251.2
62.5°	290.6	290.9	293.0	295.0	293.0	290.9	290.6	289.5	287.7	286.1	284.3
60°	321.9	322.2	322.9	323.3	322.9	322.2	321.9	320.8	318.9	316.8	314.6
57.5°	342.9	342.6	342.9	343.2	342.9	342.6	342.9	342.7	341.9	340.9	339.2
55°	363.7	362.7	361.6	360.2	361.6	362.7	363.7	363.8	363.1	361.9	360.1
52.5°	387.1	385.6	384.3	382.9	384.3	385.6	387.1	387.7	387.1	385.1	382.3
50°	412.5	411.1	409.8	408.4	409.8	411.1	412.5	412.9	412.2	410.2	406.8
47.5°	446.1	446.7	446.5	445.3	446.5	446.7	446.1	444.4	441.8	438.3	433.5
45°	487.1	488.7	488.9	487.8	488.9	488.7	487.1	483.6	478.7	472.6	465.6
42.5°	540.5	544.0	546.0	547.4	546.0	544.0	540.5	534.2	525.4	514.2	502.6
40°	616.2	623.5	628.2	632.5	628.2	623.5	616.2	604.6	588.8	569.6	551.9
37.5°	724.7	738.0	743.9	740.3	743.9	738.0	724.7	704.8	677.8	644.3	618.5
35°	896.5	921.7	934.9	936.0	934.9	921.7	896.5	858.6	809.4	756.2	714.2
32.5°	1195.7	1247.4	1275.3	1279.2	1275.3	1247.4	1195.7	1121.1	1020.1	927.7	856.0
30°	1771.1	1876.7	1926.3	1914.5	1926.3	1876.7	1771.1	1607.7	1394.2	1235.7	1082.4
27.5°	2889.6	3152.9	3308.9	3321.3	3308.9	3152.9	2889.6	2523.7	2053.1	1788.8	1455.0
25°	4644.2	5093.7	5381.5	5386.1	5381.5	5093.7	4644.2	4039.5	3356.7	2762.6	2094.6
22.5°	6890.8	7504.3	7840.4	7899.0	7840.4	7504.3	6890.8	6064.8	5171.6	4194.3	3204.1
20°	9493.4	10309.5	10746.1	10746.6	10746.1	10309.5	9493.4	8397.7	7269.0	5929.7	4615.1
17.5°	12698.7	14023.8	14855.7	15213.8	14855.7	14023.8	12698.7	11104.2	9619.7	7910.6	6193.3
15°	16957.0	19183.8	20518.2	20758.7	20518.2	19183.8	16957.0	14642.3	12238.5	10020.5	7860.9
12.5°	22142.0	24960.1	26854.4	27548.7	26854.4	24960.1	22142.0	18891.3	15143.7	12198.9	9561.6
10°	27555.6	30166.7	32196.1	32878.1	32196.1	30166.7	27555.6	23432.3	18911.8	14486.4	11065.6
7.5°	31466.4	34580.1	36866.1	37869.9	36866.1	34580.1	31466.4	27370.3	22205.4	16935.7	12668.1
5°	34553.7	38237.9	40365.9	41310.3	40365.9	38237.9	34553.7	30175.1	24901.4	19000.2	13849.3
2.5°	36579.3	40219.7	42473.1	43344.0	42473.1	40219.7	36579.3	31957.1	26617.6	20265.6	14600.1
0°	37336.7	40896.2	43122.7	44186.3	43122.7	40896.2	37336.7	32401.6	27083.6	20565.8	14850.7
-2.5°	36579.3	40219.7	42473.1	43344.0	42473.1	40219.7	36579.3	31957.1	26617.6	20265.6	14600.1
-5°	34553.7	38237.9	40365.9	41310.3	40365.9	38237.9	34553.7	30175.1	24901.4	19000.2	13849.3
-7.5°	31466.4	34580.1	36866.1	37869.9	36866.1	34580.1	31466.4	27370.3	22205.4	16935.7	12668.1
-10°	27555.6	30166.7	32196.1	32878.1	32196.1	30166.7	27555.6	23432.3	18911.8	14486.4	11065.6
-12.5°	22142.0	24960.1	26854.4	27548.7	26854.4	24960.1	22142.0	18891.3	15143.7	12198.9	9561.6
-15°	16957.0	19183.8	20518.2	20758.7	20518.2	19183.8	16957.0	14642.3	12238.5	10020.5	7860.9
-17.5°	12698.7	14023.8	14855.7	15213.8	14855.7	14023.8	12698.7	11104.2	9619.7	7910.6	6193.3
-20°	9493.4	10309.5	10746.1	10746.6	10746.1	10309.5	9493.4	8397.7	7269.0	5929.7	4615.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	6890.8	7504.3	7840.4	7899.0	7840.4	7504.3	6890.8	6064.8	5171.6	4194.3	3204.1
-25°	4644.2	5093.7	5381.5	5386.1	5381.5	5093.7	4644.2	4039.5	3356.7	2762.6	2094.6
-27.5°	2889.6	3152.9	3308.9	3321.3	3308.9	3152.9	2889.6	2523.7	2053.1	1788.8	1455.0
-30°	1771.1	1876.7	1926.3	1914.5	1926.3	1876.7	1771.1	1607.7	1394.2	1235.7	1082.4
-32.5°	1195.7	1247.4	1275.3	1279.2	1275.3	1247.4	1195.7	1121.1	1020.1	927.7	856.0
-35°	896.5	921.7	934.9	936.0	934.9	921.7	896.5	858.6	809.4	756.2	714.2
-37.5°	724.7	738.0	743.9	740.3	743.9	738.0	724.7	704.8	677.8	644.3	618.5
-40°	616.2	623.5	628.2	632.5	628.2	623.5	616.2	604.6	588.8	569.6	551.9
-42.5°	540.5	544.0	546.0	547.4	546.0	544.0	540.5	534.2	525.4	514.2	502.6
-45°	487.1	488.7	488.9	487.8	488.9	488.7	487.1	483.6	478.7	472.6	465.6
-47.5°	446.1	446.7	446.5	445.3	446.5	446.7	446.1	444.4	441.8	438.3	433.5
-50°	412.5	411.1	409.8	408.4	409.8	411.1	412.5	412.9	412.2	410.2	406.8
-52.5°	387.1	385.6	384.3	382.9	384.3	385.6	387.1	387.7	387.1	385.1	382.3
-55°	363.7	362.7	361.6	360.2	361.6	362.7	363.7	363.8	363.1	361.9	360.1
-57.5°	342.9	342.6	342.9	343.2	342.9	342.6	342.9	342.7	341.9	340.9	339.2
-60°	321.9	322.2	322.9	323.3	322.9	322.2	321.9	320.8	318.9	316.8	314.6
-62.5°	290.6	290.9	293.0	295.0	293.0	290.9	290.6	289.5	287.7	286.1	284.3
-65°	257.0	257.1	259.0	260.9	259.0	257.1	257.0	256.2	254.6	252.9	251.2
-67.5°	225.3	225.9	227.9	229.7	227.9	225.9	225.3	224.3	222.8	221.5	220.1
-70°	195.4	195.0	196.8	198.5	196.8	195.0	195.4	195.3	194.8	193.9	192.5
-72.5°	167.1	166.7	167.1	167.3	167.1	166.7	167.1	167.1	166.7	165.7	164.5
-75°	138.3	138.4	138.8	139.0	138.8	138.4	138.3	137.9	137.1	136.1	135.3
-77.5°	110.1	110.1	110.5	110.6	110.5	110.1	110.1	109.9	109.4	108.7	107.4
-80°	82.1	81.9	82.2	82.3	82.2	81.9	82.1	82.1	81.8	81.2	79.9
-82.5°	56.0	56.4	56.6	56.7	56.6	56.4	56.0	55.5	54.9	54.1	53.9
-85°	30.9	31.0	31.2	31.2	31.2	31.0	30.9	30.6	30.3	29.9	30.0
-87.5°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.0	10.9	10.8
-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: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	10.6	10.4	10.2	10.0	9.8	9.5	9.3	9.0	8.7	8.3	8.0
85°	30.0	30.0	29.7	28.9	27.9	26.9	25.8	24.6	23.4	22.1	20.7
82.5°	53.5	53.1	52.3	50.4	48.4	46.3	44.3	42.6	40.7	38.7	36.7
80°	78.6	77.1	75.4	73.1	70.5	67.6	64.4	61.5	58.3	55.4	52.6
77.5°	105.9	103.9	101.5	98.4	95.1	91.6	87.7	83.8	79.9	75.8	71.5
75°	134.0	132.2	129.6	125.9	121.9	117.7	112.8	107.5	102.1	96.6	91.4
72.5°	162.8	160.7	157.8	153.6	148.8	143.6	138.2	132.0	125.3	118.0	111.3
70°	190.7	188.4	185.6	181.8	177.0	171.3	164.8	157.6	150.1	142.2	134.0
67.5°	218.0	215.2	212.3	208.8	204.7	199.4	192.4	184.1	175.3	166.4	157.0
65°	248.5	244.9	241.0	237.5	233.0	227.6	220.5	212.5	202.9	191.9	180.0
62.5°	281.8	278.6	273.0	267.1	261.2	255.0	246.9	238.2	229.4	219.2	205.0
60°	312.3	309.3	302.1	294.8	287.7	280.1	270.9	261.7	252.4	241.2	228.3
57.5°	336.6	332.0	325.2	318.3	311.3	302.0	292.2	283.0	272.9	262.1	250.1
55°	357.6	352.3	345.3	337.8	329.7	320.5	310.8	300.5	290.7	281.9	269.5
52.5°	378.8	372.3	364.8	356.7	347.7	337.8	327.4	316.6	307.1	297.9	287.5
50°	402.0	393.7	384.7	375.3	365.7	355.0	343.7	332.2	323.1	313.6	303.2
47.5°	426.9	417.1	406.4	395.7	384.6	373.0	360.8	348.4	338.4	328.5	317.8
45°	456.1	443.7	429.9	417.6	404.5	391.7	378.5	365.7	353.1	342.1	331.7
42.5°	490.0	475.2	459.6	442.8	425.9	411.2	396.4	382.5	368.6	355.3	343.3
40°	532.6	511.0	492.9	472.1	452.2	432.0	415.8	399.2	383.9	368.8	355.0
37.5°	588.9	558.8	532.6	505.7	481.7	457.8	437.0	418.1	399.2	382.9	367.5
35°	664.7	622.6	581.7	546.9	514.7	486.5	460.1	437.9	417.0	397.2	379.9
32.5°	772.2	710.4	644.6	597.7	553.5	516.9	485.9	458.3	434.4	412.6	392.8
30°	940.7	831.8	738.4	659.1	602.0	552.1	512.1	479.7	451.6	427.3	405.4
27.5°	1215.4	993.5	864.2	745.5	657.4	595.1	543.1	500.9	468.3	441.8	417.7
25°	1660.9	1286.3	1024.6	860.6	732.9	641.0	576.6	526.3	486.4	454.8	426.5
22.5°	2313.4	1728.7	1278.4	992.6	825.3	703.7	616.2	551.3	502.6	466.0	435.2
20°	3342.4	2299.2	1648.1	1206.4	933.9	763.8	658.1	580.7	522.4	478.1	442.9
17.5°	4574.8	3181.5	2066.7	1436.6	1074.6	850.6	707.1	608.9	539.9	489.0	449.4
15°	5816.9	4104.3	2710.0	1770.4	1228.2	926.4	749.2	633.2	557.1	500.9	457.6
12.5°	7188.5	5093.1	3280.8	2046.3	1386.4	1017.9	802.9	666.0	575.8	512.8	465.5
10°	8373.2	6016.6	3966.8	2488.4	1594.5	1113.8	852.2	694.1	591.4	522.4	471.6
7.5°	9440.0	6805.6	4542.1	2833.4	1755.8	1189.8	891.6	716.5	603.1	529.5	476.0
5°	10197.0	7408.6	5005.0	3094.1	1871.3	1242.5	919.0	732.3	610.9	533.9	478.5
2.5°	10669.3	7771.5	5306.8	3248.9	1927.8	1271.3	936.3	741.4	617.4	538.8	479.9
0°	10712.6	7745.9	5349.2	3324.1	1891.8	1276.3	944.5	743.1	621.1	541.7	479.3
-2.5°	10669.3	7771.5	5306.8	3248.9	1927.8	1271.3	936.3	741.4	617.4	538.8	479.9
-5°	10197.0	7408.6	5005.0	3094.1	1871.3	1242.5	919.0	732.3	610.9	533.9	478.5
-7.5°	9440.0	6805.6	4542.1	2833.4	1755.8	1189.8	891.6	716.5	603.1	529.5	476.0
-10°	8373.2	6016.6	3966.8	2488.4	1594.5	1113.8	852.2	694.1	591.4	522.4	471.6
-12.5°	7188.5	5093.1	3280.8	2046.3	1386.4	1017.9	802.9	666.0	575.8	512.8	465.5
-15°	5816.9	4104.3	2710.0	1770.4	1228.2	926.4	749.2	633.2	557.1	500.9	457.6
-17.5°	4574.8	3181.5	2066.7	1436.6	1074.6	850.6	707.1	608.9	539.9	489.0	449.4
-20°	3342.4	2299.2	1648.1	1206.4	933.9	763.8	658.1	580.7	522.4	478.1	442.9

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Scaled Data Report



REPORT NUMBER: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2313.4	1728.7	1278.4	992.6	825.3	703.7	616.2	551.3	502.6	466.0	435.2
-25°	1660.9	1286.3	1024.6	860.6	732.9	641.0	576.6	526.3	486.4	454.8	426.5
-27.5°	1215.4	993.5	864.2	745.5	657.4	595.1	543.1	500.9	468.3	441.8	417.7
-30°	940.7	831.8	738.4	659.1	602.0	552.1	512.1	479.7	451.6	427.3	405.4
-32.5°	772.2	710.4	644.6	597.7	553.5	516.9	485.9	458.3	434.4	412.6	392.8
-35°	664.7	622.6	581.7	546.9	514.7	486.5	460.1	437.9	417.0	397.2	379.9
-37.5°	588.9	558.8	532.6	505.7	481.7	457.8	437.0	418.1	399.2	382.9	367.5
-40°	532.6	511.0	492.9	472.1	452.2	432.0	415.8	399.2	383.9	368.8	355.0
-42.5°	490.0	475.2	459.6	442.8	425.9	411.2	396.4	382.5	368.6	355.3	343.3
-45°	456.1	443.7	429.9	417.6	404.5	391.7	378.5	365.7	353.1	342.1	331.7
-47.5°	426.9	417.1	406.4	395.7	384.6	373.0	360.8	348.4	338.4	328.5	317.8
-50°	402.0	393.7	384.7	375.3	365.7	355.0	343.7	332.2	323.1	313.6	303.2
-52.5°	378.8	372.3	364.8	356.7	347.7	337.8	327.4	316.6	307.1	297.9	287.5
-55°	357.6	352.3	345.3	337.8	329.7	320.5	310.8	300.5	290.7	281.9	269.5
-57.5°	336.6	332.0	325.2	318.3	311.3	302.0	292.2	283.0	272.9	262.1	250.1
-60°	312.3	309.3	302.1	294.8	287.7	280.1	270.9	261.7	252.4	241.2	228.3
-62.5°	281.8	278.6	273.0	267.1	261.2	255.0	246.9	238.2	229.4	219.2	205.0
-65°	248.5	244.9	241.0	237.5	233.0	227.6	220.5	212.5	202.9	191.9	180.0
-67.5°	218.0	215.2	212.3	208.8	204.7	199.4	192.4	184.1	175.3	166.4	157.0
-70°	190.7	188.4	185.6	181.8	177.0	171.3	164.8	157.6	150.1	142.2	134.0
-72.5°	162.8	160.7	157.8	153.6	148.8	143.6	138.2	132.0	125.3	118.0	111.3
-75°	134.0	132.2	129.6	125.9	121.9	117.7	112.8	107.5	102.1	96.6	91.4
-77.5°	105.9	103.9	101.5	98.4	95.1	91.6	87.7	83.8	79.9	75.8	71.5
-80°	78.6	77.1	75.4	73.1	70.5	67.6	64.4	61.5	58.3	55.4	52.6
-82.5°	53.5	53.1	52.3	50.4	48.4	46.3	44.3	42.6	40.7	38.7	36.7
-85°	30.0	30.0	29.7	28.9	27.9	26.9	25.8	24.6	23.4	22.1	20.7
-87.5°	10.6	10.4	10.2	10.0	9.8	9.5	9.3	9.0	8.7	8.3	8.0
-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: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
85°	19.3	17.8	16.2	14.6	13.0	11.3	10.4	9.5	8.6	7.7	6.8
82.5°	34.5	32.3	30.0	27.6	25.1	22.6	20.0	17.3	14.5	11.8	10.2
80°	49.8	46.8	43.7	40.5	37.3	33.8	30.4	26.7	22.8	19.0	15.3
77.5°	67.0	62.3	57.5	53.5	49.8	45.8	41.4	36.4	31.0	26.1	21.4
75°	85.9	80.3	74.5	68.7	63.3	57.8	52.7	46.9	40.1	33.2	27.4
72.5°	105.4	98.9	91.9	84.7	78.2	71.5	64.6	57.3	49.5	41.6	33.6
70°	126.0	118.0	110.1	102.0	93.6	85.2	77.3	68.4	58.8	49.8	40.8
67.5°	147.3	137.8	128.4	119.1	109.6	99.9	89.9	79.6	68.9	58.0	48.0
65°	169.1	157.9	146.4	136.1	125.5	114.6	103.5	90.8	78.8	66.8	54.9
62.5°	191.4	178.3	165.6	153.1	141.1	129.1	116.6	102.5	88.7	75.5	62.3
60°	213.8	198.8	184.4	170.5	156.8	143.3	129.3	113.8	98.7	84.1	69.8
57.5°	235.2	218.8	202.5	187.2	172.2	157.4	141.6	124.9	108.4	92.5	77.1
55°	256.1	239.2	220.1	202.8	186.9	171.1	153.6	135.9	117.8	100.7	84.2
52.5°	274.5	257.6	237.9	218.1	200.2	183.7	165.0	146.5	127.4	108.6	91.1
50°	291.1	274.1	254.2	233.3	213.1	194.7	175.9	156.4	136.7	116.3	97.7
47.5°	305.6	289.2	269.6	247.7	226.1	205.3	185.8	165.7	145.6	124.2	104.1
45°	318.6	303.7	284.2	261.8	238.1	216.1	195.1	174.4	153.5	131.9	110.3
42.5°	330.7	316.3	298.5	275.6	250.4	226.4	204.0	182.6	160.9	139.2	116.4
40°	341.7	327.3	311.9	288.5	262.0	236.1	212.8	190.2	167.8	145.8	122.4
37.5°	352.6	337.6	321.7	300.6	272.9	246.0	220.9	197.5	174.5	151.7	127.9
35°	363.7	347.8	330.3	310.1	283.3	255.1	228.4	204.3	180.8	157.2	133.2
32.5°	374.5	356.8	338.2	318.1	293.0	263.3	235.7	210.8	186.7	162.4	138.0
30°	385.0	364.3	345.2	326.2	301.5	271.5	242.8	217.0	192.2	167.3	142.3
27.5°	393.0	370.8	351.4	332.6	308.5	279.0	249.8	222.6	197.2	171.7	146.2
25°	400.3	377.1	356.7	337.7	315.5	286.7	256.2	227.8	201.8	175.8	149.7
22.5°	407.4	382.5	361.1	342.0	322.2	293.7	262.2	233.0	206.0	179.4	152.9
20°	413.6	386.9	364.8	346.0	326.6	299.1	267.9	237.6	209.7	182.7	155.7
17.5°	418.9	391.4	368.7	349.3	329.6	303.7	272.8	241.6	212.9	185.5	158.1
15°	424.3	396.0	371.9	351.8	332.3	307.5	277.1	245.0	215.6	187.9	160.3
12.5°	429.0	399.4	374.5	353.6	334.5	310.4	280.5	247.8	217.8	190.1	162.5
10°	432.6	401.6	376.3	354.8	336.2	312.6	283.2	250.5	220.4	192.1	164.2
7.5°	435.2	402.8	377.3	355.3	337.4	314.5	285.9	253.3	222.8	193.7	165.6
5°	436.9	403.3	377.9	356.3	338.1	316.3	287.8	255.5	224.7	194.8	166.5
2.5°	438.9	403.5	378.0	357.1	338.1	317.3	288.9	257.1	226.0	195.5	167.1
0°	439.6	402.8	377.2	357.4	337.5	317.7	289.3	258.1	226.9	195.7	167.3
-2.5°	438.9	403.5	378.0	357.1	338.1	317.3	288.9	257.1	226.0	195.5	167.1
-5°	436.9	403.3	377.9	356.3	338.1	316.3	287.8	255.5	224.7	194.8	166.5
-7.5°	435.2	402.8	377.3	355.3	337.4	314.5	285.9	253.3	222.8	193.7	165.6
-10°	432.6	401.6	376.3	354.8	336.2	312.6	283.2	250.5	220.4	192.1	164.2
-12.5°	429.0	399.4	374.5	353.6	334.5	310.4	280.5	247.8	217.8	190.1	162.5
-15°	424.3	396.0	371.9	351.8	332.3	307.5	277.1	245.0	215.6	187.9	160.3
-17.5°	418.9	391.4	368.7	349.3	329.6	303.7	272.8	241.6	212.9	185.5	158.1
-20°	413.6	386.9	364.8	346.0	326.6	299.1	267.9	237.6	209.7	182.7	155.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	407.4	382.5	361.1	342.0	322.2	293.7	262.2	233.0	206.0	179.4	152.9
-25°	400.3	377.1	356.7	337.7	315.5	286.7	256.2	227.8	201.8	175.8	149.7
-27.5°	393.0	370.8	351.4	332.6	308.5	279.0	249.8	222.6	197.2	171.7	146.2
-30°	385.0	364.3	345.2	326.2	301.5	271.5	242.8	217.0	192.2	167.3	142.3
-32.5°	374.5	356.8	338.2	318.1	293.0	263.3	235.7	210.8	186.7	162.4	138.0
-35°	363.7	347.8	330.3	310.1	283.3	255.1	228.4	204.3	180.8	157.2	133.2
-37.5°	352.6	337.6	321.7	300.6	272.9	246.0	220.9	197.5	174.5	151.7	127.9
-40°	341.7	327.3	311.9	288.5	262.0	236.1	212.8	190.2	167.8	145.8	122.4
-42.5°	330.7	316.3	298.5	275.6	250.4	226.4	204.0	182.6	160.9	139.2	116.4
-45°	318.6	303.7	284.2	261.8	238.1	216.1	195.1	174.4	153.5	131.9	110.3
-47.5°	305.6	289.2	269.6	247.7	226.1	205.3	185.8	165.7	145.6	124.2	104.1
-50°	291.1	274.1	254.2	233.3	213.1	194.7	175.9	156.4	136.7	116.3	97.7
-52.5°	274.5	257.6	237.9	218.1	200.2	183.7	165.0	146.5	127.4	108.6	91.1
-55°	256.1	239.2	220.1	202.8	186.9	171.1	153.6	135.9	117.8	100.7	84.2
-57.5°	235.2	218.8	202.5	187.2	172.2	157.4	141.6	124.9	108.4	92.5	77.1
-60°	213.8	198.8	184.4	170.5	156.8	143.3	129.3	113.8	98.7	84.1	69.8
-62.5°	191.4	178.3	165.6	153.1	141.1	129.1	116.6	102.5	88.7	75.5	62.3
-65°	169.1	157.9	146.4	136.1	125.5	114.6	103.5	90.8	78.8	66.8	54.9
-67.5°	147.3	137.8	128.4	119.1	109.6	99.9	89.9	79.6	68.9	58.0	48.0
-70°	126.0	118.0	110.1	102.0	93.6	85.2	77.3	68.4	58.8	49.8	40.8
-72.5°	105.4	98.9	91.9	84.7	78.2	71.5	64.6	57.3	49.5	41.6	33.6
-75°	85.9	80.3	74.5	68.7	63.3	57.8	52.7	46.9	40.1	33.2	27.4
-77.5°	67.0	62.3	57.5	53.5	49.8	45.8	41.4	36.4	31.0	26.1	21.4
-80°	49.8	46.8	43.7	40.5	37.3	33.8	30.4	26.7	22.8	19.0	15.3
-82.5°	34.5	32.3	30.0	27.6	25.1	22.6	20.0	17.3	14.5	11.8	10.2
-85°	19.3	17.8	16.2	14.6	13.0	11.3	10.4	9.5	8.6	7.7	6.8
-87.5°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
-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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REPORT NUMBER: P627095 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
80°	11.9	9.7	7.8	5.9	3.9	2.0	0.0
77.5°	17.0	12.8	9.7	7.3	4.9	2.4	0.0
75°	22.0	17.0	11.9	8.8	5.8	2.9	0.0
72.5°	26.9	21.1	15.2	10.2	6.8	3.4	0.0
70°	32.0	25.2	18.5	11.8	7.7	3.9	0.0
67.5°	38.2	29.2	21.7	14.2	8.6	4.3	0.0
65°	44.3	33.7	24.9	16.6	9.5	4.8	0.0
62.5°	50.2	38.7	28.0	18.9	10.4	5.2	0.0
60°	56.0	43.6	31.0	21.2	11.3	5.6	0.0
57.5°	62.2	48.3	34.8	23.4	12.8	6.1	0.0
55°	68.2	52.9	38.5	25.6	14.2	6.5	0.0
52.5°	74.0	57.5	42.1	27.7	15.6	6.9	0.0
50°	79.5	62.0	45.6	29.7	17.0	7.3	0.0
47.5°	84.8	66.4	48.9	31.8	18.3	7.6	0.0
45°	90.1	70.6	52.1	34.2	19.5	8.0	0.0
42.5°	95.1	74.6	55.2	36.5	20.7	8.3	0.0
40°	99.9	78.3	58.2	38.7	21.9	8.7	0.0
37.5°	104.5	81.9	61.0	40.7	23.0	9.0	0.0
35°	108.7	85.3	63.7	42.6	24.0	9.3	0.0
32.5°	112.8	88.7	66.2	44.4	25.0	9.5	0.0
30°	116.6	91.8	68.5	46.0	25.9	9.8	0.0
27.5°	120.1	94.6	70.5	47.5	26.7	10.0	0.0
25°	123.3	97.3	72.5	48.8	27.5	10.2	0.0
22.5°	126.1	99.6	74.2	49.9	28.2	10.4	0.0
20°	128.6	101.7	75.9	51.0	28.8	10.6	0.0
17.5°	130.9	103.4	77.3	51.8	29.4	10.8	0.0
15°	132.9	104.9	78.6	52.5	29.8	10.9	0.0
12.5°	134.7	106.1	79.7	53.1	30.3	11.0	0.0
10°	136.2	107.0	80.6	53.6	30.6	11.1	0.0
7.5°	137.4	107.6	81.3	53.9	30.9	11.2	0.0
5°	138.3	107.9	81.9	54.0	31.0	11.3	0.0
2.5°	138.8	108.0	82.2	54.0	31.2	11.3	0.0
0°	139.0	107.8	82.3	53.9	31.2	11.3	0.0
-2.5°	138.8	108.0	82.2	54.0	31.2	11.3	0.0
-5°	138.3	107.9	81.9	54.0	31.0	11.3	0.0
-7.5°	137.4	107.6	81.3	53.9	30.9	11.2	0.0
-10°	136.2	107.0	80.6	53.6	30.6	11.1	0.0
-12.5°	134.7	106.1	79.7	53.1	30.3	11.0	0.0
-15°	132.9	104.9	78.6	52.5	29.8	10.9	0.0
-17.5°	130.9	103.4	77.3	51.8	29.4	10.8	0.0
-20°	128.6	101.7	75.9	51.0	28.8	10.6	0.0

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CATALOG NUMBER: GFLD-SA3B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	126.1	99.6	74.2	49.9	28.2	10.4	0.0
-25°	123.3	97.3	72.5	48.8	27.5	10.2	0.0
-27.5°	120.1	94.6	70.5	47.5	26.7	10.0	0.0
-30°	116.6	91.8	68.5	46.0	25.9	9.8	0.0
-32.5°	112.8	88.7	66.2	44.4	25.0	9.5	0.0
-35°	108.7	85.3	63.7	42.6	24.0	9.3	0.0
-37.5°	104.5	81.9	61.0	40.7	23.0	9.0	0.0
-40°	99.9	78.3	58.2	38.7	21.9	8.7	0.0
-42.5°	95.1	74.6	55.2	36.5	20.7	8.3	0.0
-45°	90.1	70.6	52.1	34.2	19.5	8.0	0.0
-47.5°	84.8	66.4	48.9	31.8	18.3	7.6	0.0
-50°	79.5	62.0	45.6	29.7	17.0	7.3	0.0
-52.5°	74.0	57.5	42.1	27.7	15.6	6.9	0.0
-55°	68.2	52.9	38.5	25.6	14.2	6.5	0.0
-57.5°	62.2	48.3	34.8	23.4	12.8	6.1	0.0
-60°	56.0	43.6	31.0	21.2	11.3	5.6	0.0
-62.5°	50.2	38.7	28.0	18.9	10.4	5.2	0.0
-65°	44.3	33.7	24.9	16.6	9.5	4.8	0.0
-67.5°	38.2	29.2	21.7	14.2	8.6	4.3	0.0
-70°	32.0	25.2	18.5	11.8	7.7	3.9	0.0
-72.5°	26.9	21.1	15.2	10.2	6.8	3.4	0.0
-75°	22.0	17.0	11.9	8.8	5.8	2.9	0.0
-77.5°	17.0	12.8	9.7	7.3	4.9	2.4	0.0
-80°	11.9	9.7	7.8	5.9	3.9	2.0	0.0
-82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
-85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-87.5°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)