

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: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627365 (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-SA4C-722-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N83
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

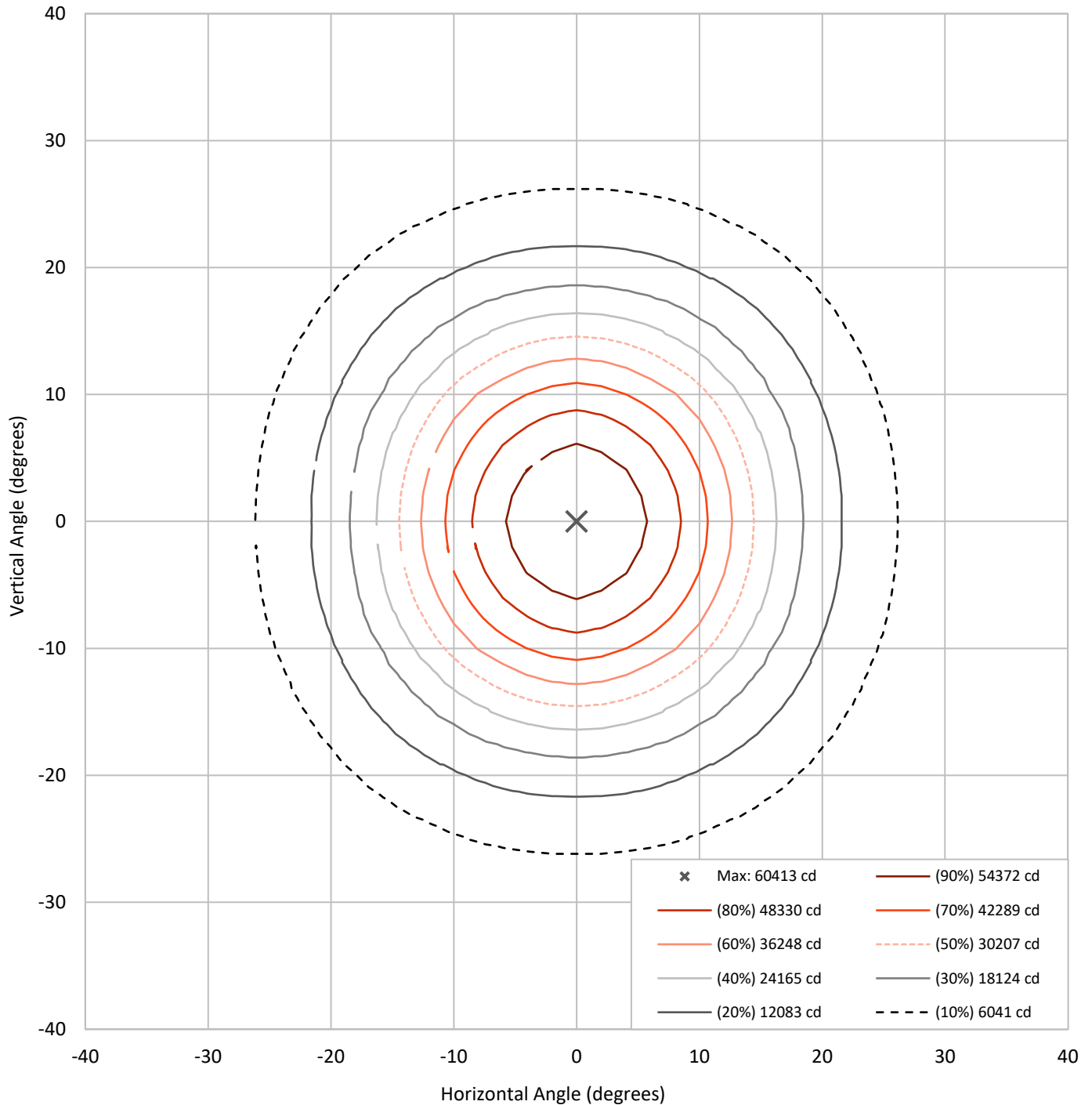
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	18875.1 lumens	Max Intensity:	60413 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	9176.8 lumens	Field Lumens:	15486.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	168.2		
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		



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Iso-Candela Plot





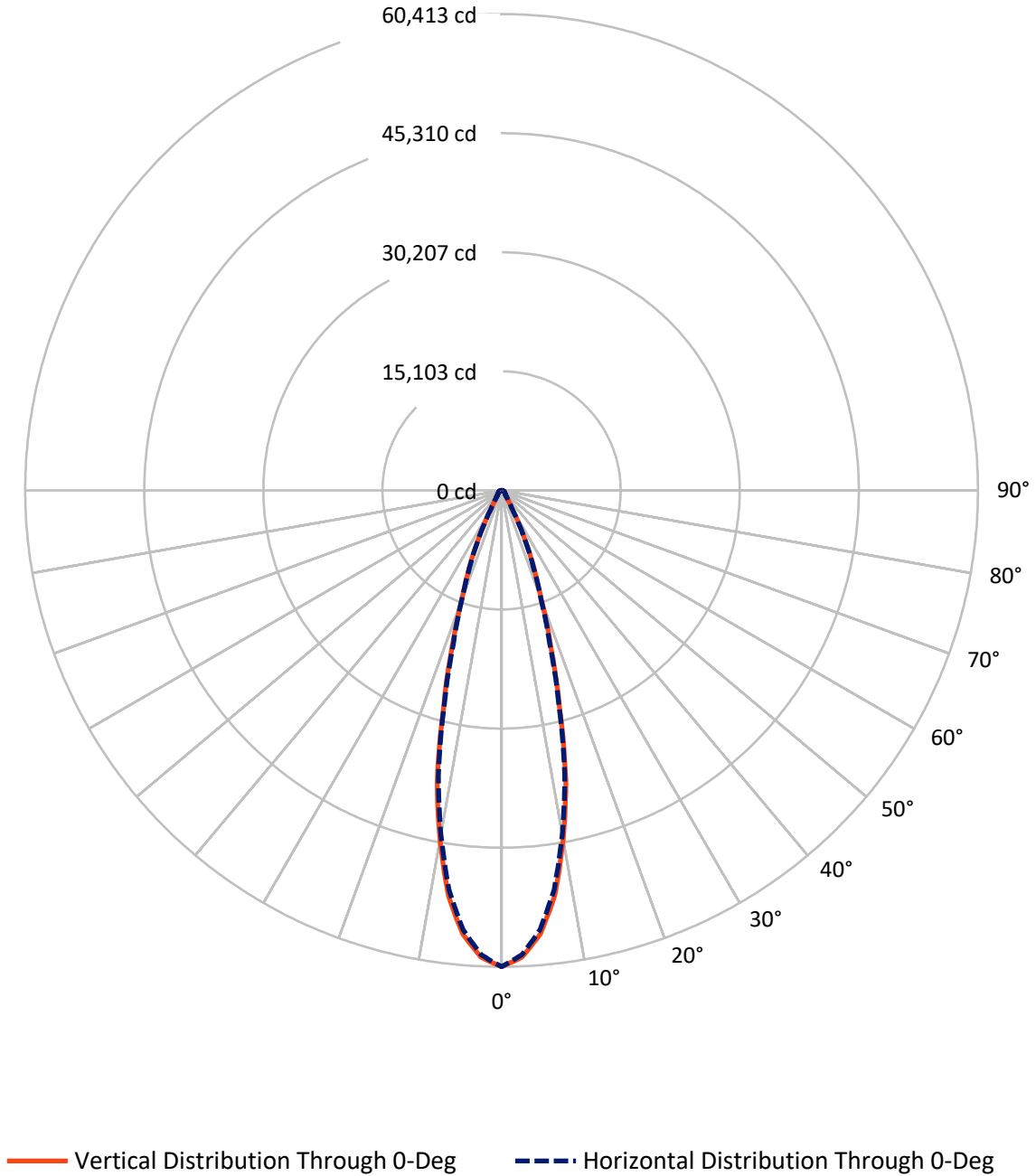
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Lumen Table

90																			
80	0.4	3.1		8.2		12.9		14.4		12.9		8.2		3.1		0.4			
70																			
60	1.4	1.6	3.3	5.3	7.5	9.1	10.2	10.7	10.7	10.2	9.1	7.5	5.3	3.3	1.6	1.4			
50		2.4	4.9	7.9	10.6	13.0	14.6	15.1	15.1	14.6	13.0	10.6	7.9	4.9	2.4				
40	2.5	3.1	6.3	9.7	12.9	16.4	19.2	20.6	20.6	19.2	16.4	12.9	9.7	6.3	3.1	2.5			
30		3.6	7.3	11.2	15.8	22.6	32.7	42.5	42.5	32.7	22.6	15.8	11.2	7.3	3.6				
20	3.2	4.1	8.0	12.6	20.3	44.1	124.2	220.3	220.3	124.2	44.1	20.3	12.6	8.0	4.1	3.2			
10		4.4	8.4	13.7	27.6	115.8	412.9	791.2	791.2	412.9	115.8	27.6	13.7	8.4	4.4				
0	3.4	4.6	8.6	14.4	35.1	200.0	764.2	1503.2	1503.2	764.2	200.0	35.1	14.4	8.6	4.6	3.4			
-10		4.6	8.6	14.4	35.1	200.0	764.2	1503.2	1503.2	764.2	200.0	35.1	14.4	8.6	4.6				
-20	3.2	4.4	8.4	13.7	27.6	115.8	412.9	791.2	791.2	412.9	115.8	27.6	13.7	8.4	4.4	3.2			
-30		4.1	8.0	12.6	20.3	44.1	124.2	220.3	220.3	124.2	44.1	20.3	12.6	8.0	4.1				
-40	2.5	3.6	7.3	11.2	15.8	22.6	32.7	42.5	42.5	32.7	22.6	15.8	11.2	7.3	3.6	2.5			
-50		3.1	6.3	9.7	12.9	16.4	19.2	20.6	20.6	19.2	16.4	12.9	9.7	6.3	3.1				
-60	1.4	2.4	4.9	7.9	10.6	13.0	14.6	15.1	15.1	14.6	13.0	10.6	7.9	4.9	2.4	1.4			
-70		1.6	3.3	5.3	7.5	9.1	10.2	10.7	10.7	10.2	9.1	7.5	5.3	3.3	1.6				
-80																			
-90	0.4	3.1		8.2		12.9		14.4		12.9		8.2		3.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

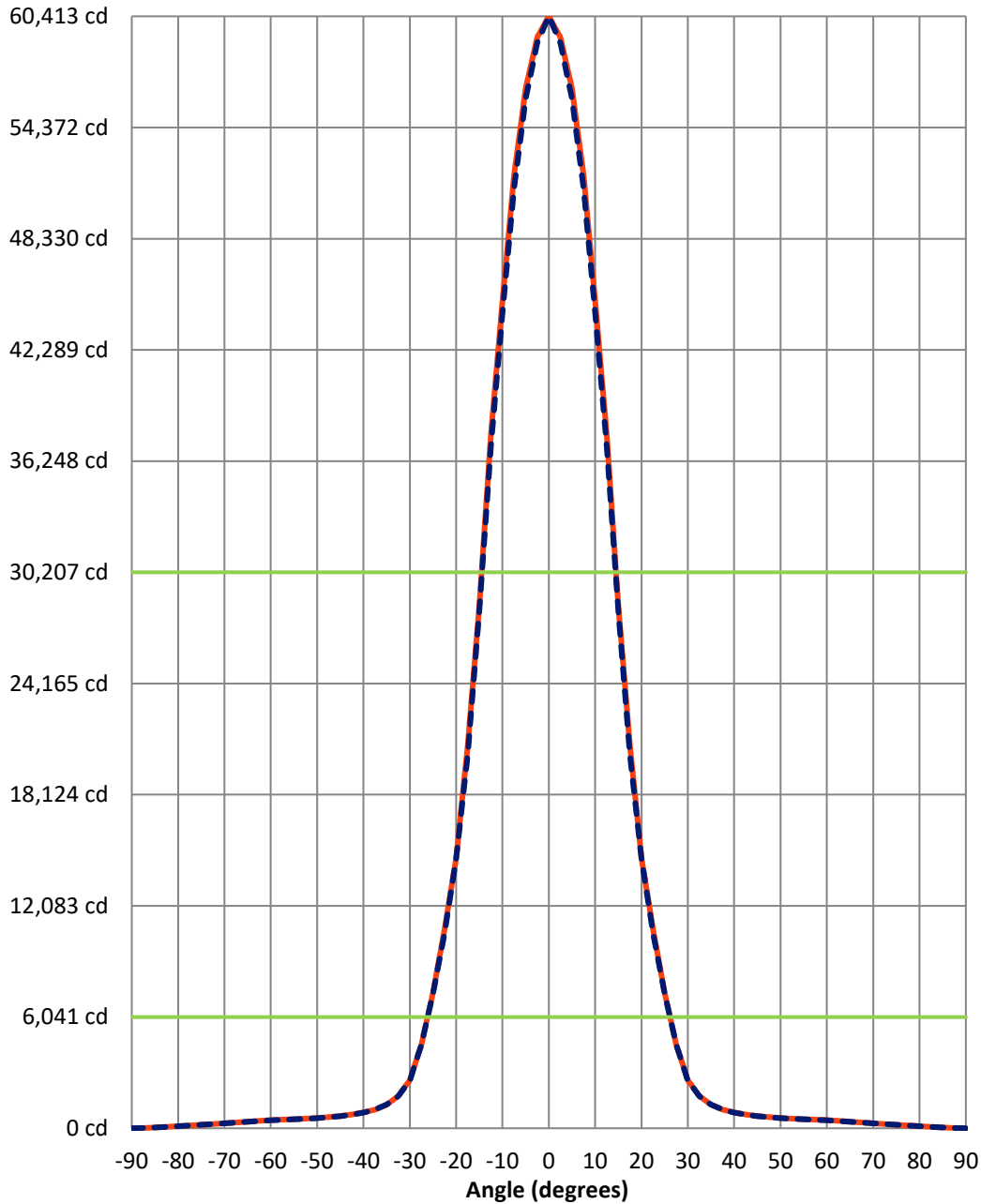
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 9176.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 15486.7
 Efficiency: 82.0%

Spill:
 Lumens: 3388.4
 Efficiency: 18.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.3	5.9	6.5
85°	0.0	1.4	2.7	4.0	5.4	6.7	8.0	9.3	10.6	11.9	13.1
82.5°	0.0	2.0	4.0	6.1	8.1	10.0	12.0	13.9	16.2	19.9	23.7
80°	0.0	2.7	5.4	8.1	10.7	13.4	16.3	21.0	26.0	31.2	36.6
77.5°	0.0	3.4	6.7	10.0	13.4	17.5	23.2	29.3	35.7	42.4	49.8
75°	0.0	4.0	8.0	12.0	16.3	23.2	30.1	37.4	45.5	54.8	64.1
72.5°	0.0	4.7	9.3	13.9	20.9	28.9	36.9	46.0	56.9	67.6	78.2
70°	0.0	5.3	10.6	16.1	25.3	34.5	43.8	55.9	68.2	80.3	93.5
67.5°	0.0	5.9	11.9	19.5	29.8	40.0	52.3	65.6	79.3	94.1	108.8
65°	0.0	6.5	13.1	22.7	34.1	46.2	60.6	75.2	91.4	107.7	124.2
62.5°	0.0	7.2	14.3	25.9	38.3	53.0	68.7	85.3	103.3	121.2	140.1
60°	0.0	7.7	15.5	29.0	42.5	59.6	76.7	95.5	114.9	134.9	155.6
57.5°	0.0	8.3	17.5	32.1	47.6	66.1	85.1	105.4	126.4	148.2	170.8
55°	0.0	8.9	19.5	35.0	52.7	72.5	93.2	115.1	137.6	161.1	185.8
52.5°	0.0	9.4	21.4	37.9	57.6	78.6	101.1	124.4	148.4	174.2	200.3
50°	0.0	10.0	23.2	40.7	62.4	84.9	108.7	133.5	159.0	186.8	213.8
47.5°	0.0	10.5	25.0	43.5	67.0	90.9	115.9	142.3	169.8	199.0	226.5
45°	0.0	11.0	26.7	46.8	71.4	96.6	123.1	150.7	180.3	209.8	238.5
42.5°	0.0	11.4	28.4	50.0	75.6	102.0	130.0	159.1	190.2	219.9	249.6
40°	0.0	11.9	30.0	53.0	79.6	107.1	136.6	167.2	199.3	229.4	260.0
37.5°	0.0	12.3	31.4	55.8	83.5	111.9	142.8	174.9	207.4	238.6	269.9
35°	0.0	12.7	32.8	58.3	87.1	116.6	148.6	182.0	215.0	247.2	279.2
32.5°	0.0	13.1	34.2	60.7	90.5	121.2	154.2	188.6	222.1	255.2	288.3
30°	0.0	13.4	35.4	62.9	93.6	125.4	159.4	194.6	228.7	262.7	296.6
27.5°	0.0	13.7	36.5	64.9	96.5	129.4	164.2	199.8	234.8	269.7	304.4
25°	0.0	14.0	37.6	66.7	99.1	133.0	168.6	204.7	240.3	275.9	311.5
22.5°	0.0	14.3	38.5	68.3	101.5	136.2	172.4	209.0	245.3	281.6	318.5
20°	0.0	14.6	39.4	69.7	103.7	139.0	175.8	212.8	249.8	286.6	324.8
17.5°	0.0	14.8	40.2	70.9	105.7	141.4	178.9	216.2	253.6	291.0	330.3
15°	0.0	15.0	40.8	71.9	107.4	143.4	181.7	219.3	256.9	294.7	335.0
12.5°	0.0	15.1	41.4	72.7	108.9	145.0	184.2	222.2	259.9	297.7	338.8
10°	0.0	15.3	41.9	73.3	110.2	146.3	186.2	224.5	262.7	301.3	342.4
7.5°	0.0	15.4	42.2	73.6	111.2	147.1	187.8	226.4	264.8	304.5	346.3
5°	0.0	15.4	42.5	73.9	111.9	147.6	189.0	227.7	266.4	307.1	349.3
2.5°	0.0	15.5	42.6	73.9	112.4	147.7	189.8	228.5	267.3	309.0	351.6
0°	0.0	15.5	42.7	73.7	112.5	147.4	190.0	228.8	267.6	310.2	352.9
-2.5°	0.0	15.5	42.6	73.9	112.4	147.7	189.8	228.5	267.3	309.0	351.6
-5°	0.0	15.4	42.5	73.9	111.9	147.6	189.0	227.7	266.4	307.1	349.3
-7.5°	0.0	15.4	42.2	73.6	111.2	147.1	187.8	226.4	264.8	304.5	346.3
-10°	0.0	15.3	41.9	73.3	110.2	146.3	186.2	224.5	262.7	301.3	342.4
-12.5°	0.0	15.1	41.4	72.7	108.9	145.0	184.2	222.2	259.9	297.7	338.8
-15°	0.0	15.0	40.8	71.9	107.4	143.4	181.7	219.3	256.9	294.7	335.0
-17.5°	0.0	14.8	40.2	70.9	105.7	141.4	178.9	216.2	253.6	291.0	330.3
-20°	0.0	14.6	39.4	69.7	103.7	139.0	175.8	212.8	249.8	286.6	324.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.3	38.5	68.3	101.5	136.2	172.4	209.0	245.3	281.6	318.5
-25°	0.0	14.0	37.6	66.7	99.1	133.0	168.6	204.7	240.3	275.9	311.5
-27.5°	0.0	13.7	36.5	64.9	96.5	129.4	164.2	199.8	234.8	269.7	304.4
-30°	0.0	13.4	35.4	62.9	93.6	125.4	159.4	194.6	228.7	262.7	296.6
-32.5°	0.0	13.1	34.2	60.7	90.5	121.2	154.2	188.6	222.1	255.2	288.3
-35°	0.0	12.7	32.8	58.3	87.1	116.6	148.6	182.0	215.0	247.2	279.2
-37.5°	0.0	12.3	31.4	55.8	83.5	111.9	142.8	174.9	207.4	238.6	269.9
-40°	0.0	11.9	30.0	53.0	79.6	107.1	136.6	167.2	199.3	229.4	260.0
-42.5°	0.0	11.4	28.4	50.0	75.6	102.0	130.0	159.1	190.2	219.9	249.6
-45°	0.0	11.0	26.7	46.8	71.4	96.6	123.1	150.7	180.3	209.8	238.5
-47.5°	0.0	10.5	25.0	43.5	67.0	90.9	115.9	142.3	169.8	199.0	226.5
-50°	0.0	10.0	23.2	40.7	62.4	84.9	108.7	133.5	159.0	186.8	213.8
-52.5°	0.0	9.4	21.4	37.9	57.6	78.6	101.1	124.4	148.4	174.2	200.3
-55°	0.0	8.9	19.5	35.0	52.7	72.5	93.2	115.1	137.6	161.1	185.8
-57.5°	0.0	8.3	17.5	32.1	47.6	66.1	85.1	105.4	126.4	148.2	170.8
-60°	0.0	7.7	15.5	29.0	42.5	59.6	76.7	95.5	114.9	134.9	155.6
-62.5°	0.0	7.2	14.3	25.9	38.3	53.0	68.7	85.3	103.3	121.2	140.1
-65°	0.0	6.5	13.1	22.7	34.1	46.2	60.6	75.2	91.4	107.7	124.2
-67.5°	0.0	5.9	11.9	19.5	29.8	40.0	52.3	65.6	79.3	94.1	108.8
-70°	0.0	5.3	10.6	16.1	25.3	34.5	43.8	55.9	68.2	80.3	93.5
-72.5°	0.0	4.7	9.3	13.9	20.9	28.9	36.9	46.0	56.9	67.6	78.2
-75°	0.0	4.0	8.0	12.0	16.3	23.2	30.1	37.4	45.5	54.8	64.1
-77.5°	0.0	3.4	6.7	10.0	13.4	17.5	23.2	29.3	35.7	42.4	49.8
-80°	0.0	2.7	5.4	8.1	10.7	13.4	16.3	21.0	26.0	31.2	36.6
-82.5°	0.0	2.0	4.0	6.1	8.1	10.0	12.0	13.9	16.2	19.9	23.7
-85°	0.0	1.4	2.7	4.0	5.4	6.7	8.0	9.3	10.6	11.9	13.1
-87.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.3	5.9	6.5
-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°	7.2	7.7	8.3	8.9	9.4	10.0	10.5	11.0	11.4	11.9	12.3
85°	14.3	15.5	17.8	20.0	22.2	24.3	26.4	28.3	30.2	32.0	33.7
82.5°	27.3	30.9	34.4	37.7	41.0	44.2	47.2	50.2	53.0	55.7	58.2
80°	41.5	46.3	51.1	55.5	59.8	64.0	68.1	72.0	75.8	79.8	84.1
77.5°	56.6	62.6	68.2	73.2	78.7	85.3	91.7	97.8	103.6	109.2	114.6
75°	72.0	79.0	86.5	94.0	101.8	109.7	117.4	124.8	132.1	139.5	146.9
72.5°	88.3	97.7	106.9	115.7	125.6	135.2	144.1	152.1	161.2	171.3	180.5
70°	105.6	116.5	128.0	139.4	150.5	161.2	172.2	183.2	194.3	205.1	215.5
67.5°	123.0	136.6	149.9	162.9	175.5	188.3	201.3	214.6	227.5	239.8	251.7
65°	141.5	156.7	171.6	186.1	200.1	215.8	231.2	246.1	262.4	277.4	290.5
62.5°	159.5	176.5	192.9	209.3	226.4	243.8	261.7	280.3	299.7	313.6	325.6
60°	176.8	196.0	214.3	233.1	252.2	271.8	292.3	312.2	329.9	345.1	357.8
57.5°	193.7	215.2	235.5	256.0	276.8	299.0	321.6	341.9	358.4	373.1	387.0
55°	210.0	233.9	255.5	277.2	300.9	327.0	350.1	368.5	385.4	397.5	410.8
52.5°	225.6	251.2	273.8	298.1	325.2	352.3	375.3	393.1	407.3	419.8	432.8
50°	240.5	266.2	291.3	319.0	347.6	374.8	398.1	414.5	428.7	441.8	454.2
47.5°	254.0	280.7	309.1	338.6	368.6	395.4	417.8	434.5	449.2	462.7	476.4
45°	266.8	295.4	325.5	358.0	388.7	415.3	435.5	453.5	467.7	482.8	500.0
42.5°	278.9	309.6	342.3	376.9	408.2	432.5	452.1	469.4	485.7	503.9	523.0
40°	290.9	322.8	358.2	394.5	426.4	447.5	467.2	485.5	504.3	524.9	545.8
37.5°	302.0	336.3	373.1	411.0	439.8	461.7	482.1	502.5	523.6	545.8	571.7
35°	312.3	348.8	387.3	423.9	451.6	475.5	497.4	519.4	543.1	570.2	598.8
32.5°	322.3	360.1	400.6	434.9	462.4	487.9	512.0	537.0	564.1	593.9	626.6
30°	332.1	371.2	412.1	446.1	472.0	498.1	526.4	554.2	584.3	617.5	655.9
27.5°	341.6	381.4	421.8	454.8	480.4	507.0	537.4	571.1	604.0	640.4	684.8
25°	350.3	392.0	431.4	461.8	487.7	515.5	547.2	583.1	621.9	665.1	719.6
22.5°	358.6	401.5	440.5	467.7	493.7	523.0	557.0	595.0	637.2	687.2	753.8
20°	366.3	409.0	446.5	473.1	498.7	529.0	565.5	605.6	653.7	714.3	793.9
17.5°	373.0	415.2	450.6	477.6	504.0	535.1	572.7	614.5	668.5	738.2	832.5
15°	378.8	420.4	454.2	481.0	508.5	541.4	580.2	625.6	684.8	761.6	865.7
12.5°	383.5	424.4	457.2	483.5	511.9	546.0	586.5	636.4	701.1	787.2	910.6
10°	387.2	427.3	459.6	485.0	514.4	549.1	591.5	644.8	714.2	808.6	949.0
7.5°	390.8	429.9	461.3	485.7	515.8	550.6	595.0	650.7	723.9	824.6	979.7
5°	393.5	432.3	462.3	487.1	516.7	551.3	597.4	654.1	729.9	835.2	1001.3
2.5°	395.0	433.8	462.3	488.2	516.8	551.7	600.1	656.1	736.6	844.1	1013.7
0°	395.5	434.3	461.5	488.6	515.8	550.7	601.1	655.4	740.7	849.2	1016.0
-2.5°	395.0	433.8	462.3	488.2	516.8	551.7	600.1	656.1	736.6	844.1	1013.7
-5°	393.5	432.3	462.3	487.1	516.7	551.3	597.4	654.1	729.9	835.2	1001.3
-7.5°	390.8	429.9	461.3	485.7	515.8	550.6	595.0	650.7	723.9	824.6	979.7
-10°	387.2	427.3	459.6	485.0	514.4	549.1	591.5	644.8	714.2	808.6	949.0
-12.5°	383.5	424.4	457.2	483.5	511.9	546.0	586.5	636.4	701.1	787.2	910.6
-15°	378.8	420.4	454.2	481.0	508.5	541.4	580.2	625.6	684.8	761.6	865.7
-17.5°	373.0	415.2	450.6	477.6	504.0	535.1	572.7	614.5	668.5	738.2	832.5
-20°	366.3	409.0	446.5	473.1	498.7	529.0	565.5	605.6	653.7	714.3	793.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	358.6	401.5	440.5	467.7	493.7	523.0	557.0	595.0	637.2	687.2	753.8
-25°	350.3	392.0	431.4	461.8	487.7	515.5	547.2	583.1	621.9	665.1	719.6
-27.5°	341.6	381.4	421.8	454.8	480.4	507.0	537.4	571.1	604.0	640.4	684.8
-30°	332.1	371.2	412.1	446.1	472.0	498.1	526.4	554.2	584.3	617.5	655.9
-32.5°	322.3	360.1	400.6	434.9	462.4	487.9	512.0	537.0	564.1	593.9	626.6
-35°	312.3	348.8	387.3	423.9	451.6	475.5	497.4	519.4	543.1	570.2	598.8
-37.5°	302.0	336.3	373.1	411.0	439.8	461.7	482.1	502.5	523.6	545.8	571.7
-40°	290.9	322.8	358.2	394.5	426.4	447.5	467.2	485.5	504.3	524.9	545.8
-42.5°	278.9	309.6	342.3	376.9	408.2	432.5	452.1	469.4	485.7	503.9	523.0
-45°	266.8	295.4	325.5	358.0	388.7	415.3	435.5	453.5	467.7	482.8	500.0
-47.5°	254.0	280.7	309.1	338.6	368.6	395.4	417.8	434.5	449.2	462.7	476.4
-50°	240.5	266.2	291.3	319.0	347.6	374.8	398.1	414.5	428.7	441.8	454.2
-52.5°	225.6	251.2	273.8	298.1	325.2	352.3	375.3	393.1	407.3	419.8	432.8
-55°	210.0	233.9	255.5	277.2	300.9	327.0	350.1	368.5	385.4	397.5	410.8
-57.5°	193.7	215.2	235.5	256.0	276.8	299.0	321.6	341.9	358.4	373.1	387.0
-60°	176.8	196.0	214.3	233.1	252.2	271.8	292.3	312.2	329.9	345.1	357.8
-62.5°	159.5	176.5	192.9	209.3	226.4	243.8	261.7	280.3	299.7	313.6	325.6
-65°	141.5	156.7	171.6	186.1	200.1	215.8	231.2	246.1	262.4	277.4	290.5
-67.5°	123.0	136.6	149.9	162.9	175.5	188.3	201.3	214.6	227.5	239.8	251.7
-70°	105.6	116.5	128.0	139.4	150.5	161.2	172.2	183.2	194.3	205.1	215.5
-72.5°	88.3	97.7	106.9	115.7	125.6	135.2	144.1	152.1	161.2	171.3	180.5
-75°	72.0	79.0	86.5	94.0	101.8	109.7	117.4	124.8	132.1	139.5	146.9
-77.5°	56.6	62.6	68.2	73.2	78.7	85.3	91.7	97.8	103.6	109.2	114.6
-80°	41.5	46.3	51.1	55.5	59.8	64.0	68.1	72.0	75.8	79.8	84.1
-82.5°	27.3	30.9	34.4	37.7	41.0	44.2	47.2	50.2	53.0	55.7	58.2
-85°	14.3	15.5	17.8	20.0	22.2	24.3	26.4	28.3	30.2	32.0	33.7
-87.5°	7.2	7.7	8.3	8.9	9.4	10.0	10.5	11.0	11.4	11.9	12.3
-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: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	12.7	13.1	13.4	13.7	14.0	14.3	14.6	14.8	15.0	15.1	15.3
85°	35.3	36.8	38.2	39.5	40.7	41.0	41.1	41.1	40.9	41.4	41.9
82.5°	60.7	63.4	66.1	68.8	71.5	72.5	73.2	73.7	74.1	75.1	76.0
80°	88.1	92.4	96.3	99.9	103.1	105.3	107.4	109.3	111.0	111.8	112.2
77.5°	119.9	125.1	130.0	134.6	138.7	142.0	144.7	146.9	148.5	149.6	150.3
75°	154.2	160.8	166.7	172.2	177.2	180.7	183.1	184.9	186.1	187.4	188.5
72.5°	188.8	196.3	203.3	209.9	215.7	219.7	222.6	224.8	226.6	227.9	228.5
70°	225.3	234.3	242.0	248.5	253.7	257.6	260.7	263.1	265.0	266.3	267.0
67.5°	263.0	272.6	279.8	285.6	290.3	294.4	298.1	300.9	302.8	304.7	306.6
65°	301.4	311.2	318.6	324.7	329.6	334.9	339.8	343.4	345.8	348.0	350.2
62.5°	337.6	348.7	357.2	365.2	373.3	380.9	385.3	388.7	391.2	393.3	395.8
60°	370.4	382.9	393.4	403.1	413.0	422.9	427.0	430.2	433.2	436.0	438.6
57.5°	399.5	412.9	425.6	435.1	444.6	453.9	460.2	463.8	466.1	467.4	468.5
55°	424.9	438.2	450.9	461.9	472.2	481.7	488.8	492.2	494.8	496.4	497.4
52.5°	447.7	461.9	475.4	487.6	498.7	509.0	517.9	522.6	526.4	529.2	530.0
50°	470.0	485.4	500.1	513.1	526.0	538.3	549.6	556.1	560.7	563.6	564.5
47.5°	493.3	510.0	525.9	541.1	555.7	570.2	583.6	592.6	599.2	604.1	607.6
45°	517.5	535.5	553.1	571.0	587.8	606.6	623.5	636.6	646.2	654.5	661.2
42.5°	542.0	562.2	582.3	605.4	628.3	649.7	669.9	687.2	702.9	718.4	730.4
40°	568.5	590.7	618.2	645.5	673.9	698.7	728.2	754.6	778.9	805.0	826.7
37.5°	597.5	626.0	658.6	691.4	728.2	764.0	805.1	845.7	881.0	926.8	963.5
35°	629.2	665.2	703.7	747.7	795.2	851.3	908.9	976.5	1033.8	1106.7	1173.9
32.5°	664.3	706.7	756.8	817.2	881.3	971.3	1055.7	1170.3	1268.3	1394.7	1532.8
30°	700.1	754.9	823.0	901.1	1009.5	1137.2	1286.2	1479.9	1689.5	1906.3	2198.1
27.5°	742.6	813.7	898.7	1019.3	1181.5	1358.3	1661.7	1989.3	2445.7	2807.0	3450.5
25°	788.3	876.3	1002.0	1176.7	1400.8	1758.6	2270.8	2863.8	3777.1	4589.4	5522.9
22.5°	842.5	962.0	1128.4	1357.2	1747.8	2363.5	3162.9	4380.7	5734.5	7070.7	8292.0
20°	899.8	1044.2	1276.8	1649.5	2253.3	3143.5	4569.8	6310.0	8107.3	9938.4	11481.6
17.5°	966.8	1162.9	1469.2	1964.2	2825.7	4349.8	6254.9	8467.6	10815.7	13152.3	15182.0
15°	1024.3	1266.6	1679.2	2420.5	3705.2	5611.6	7953.0	10747.6	13700.4	16732.8	20019.5
12.5°	1097.7	1391.6	1895.5	2797.8	4485.5	6963.4	9828.2	13072.9	16678.7	20705.0	25828.8
10°	1165.1	1522.7	2180.0	3402.2	5423.6	8226.1	11448.1	15129.3	19806.3	25856.8	32037.4
7.5°	1219.0	1626.7	2400.6	3873.9	6210.2	9304.9	12906.7	17320.2	23155.1	30360.0	37421.6
5°	1256.6	1698.8	2558.5	4230.3	6843.0	10129.3	13941.7	18935.2	25977.7	34045.9	41256.4
2.5°	1280.1	1738.2	2635.8	4441.9	7255.7	10625.4	14587.5	19961.7	27707.8	36392.4	43692.7
0°	1291.3	1745.0	2586.5	4544.8	7313.6	10590.4	14646.6	20304.4	28118.3	37029.5	44300.5
-2.5°	1280.1	1738.2	2635.8	4441.9	7255.7	10625.4	14587.5	19961.7	27707.8	36392.4	43692.7
-5°	1256.6	1698.8	2558.5	4230.3	6843.0	10129.3	13941.7	18935.2	25977.7	34045.9	41256.4
-7.5°	1219.0	1626.7	2400.6	3873.9	6210.2	9304.9	12906.7	17320.2	23155.1	30360.0	37421.6
-10°	1165.1	1522.7	2180.0	3402.2	5423.6	8226.1	11448.1	15129.3	19806.3	25856.8	32037.4
-12.5°	1097.7	1391.6	1895.5	2797.8	4485.5	6963.4	9828.2	13072.9	16678.7	20705.0	25828.8
-15°	1024.3	1266.6	1679.2	2420.5	3705.2	5611.6	7953.0	10747.6	13700.4	16732.8	20019.5
-17.5°	966.8	1162.9	1469.2	1964.2	2825.7	4349.8	6254.9	8467.6	10815.7	13152.3	15182.0
-20°	899.8	1044.2	1276.8	1649.5	2253.3	3143.5	4569.8	6310.0	8107.3	9938.4	11481.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	842.5	962.0	1128.4	1357.2	1747.8	2363.5	3162.9	4380.7	5734.5	7070.7	8292.0
-25°	788.3	876.3	1002.0	1176.7	1400.8	1758.6	2270.8	2863.8	3777.1	4589.4	5522.9
-27.5°	742.6	813.7	898.7	1019.3	1181.5	1358.3	1661.7	1989.3	2445.7	2807.0	3450.5
-30°	700.1	754.9	823.0	901.1	1009.5	1137.2	1286.2	1479.9	1689.5	1906.3	2198.1
-32.5°	664.3	706.7	756.8	817.2	881.3	971.3	1055.7	1170.3	1268.3	1394.7	1532.8
-35°	629.2	665.2	703.7	747.7	795.2	851.3	908.9	976.5	1033.8	1106.7	1173.9
-37.5°	597.5	626.0	658.6	691.4	728.2	764.0	805.1	845.7	881.0	926.8	963.5
-40°	568.5	590.7	618.2	645.5	673.9	698.7	728.2	754.6	778.9	805.0	826.7
-42.5°	542.0	562.2	582.3	605.4	628.3	649.7	669.9	687.2	702.9	718.4	730.4
-45°	517.5	535.5	553.1	571.0	587.8	606.6	623.5	636.6	646.2	654.5	661.2
-47.5°	493.3	510.0	525.9	541.1	555.7	570.2	583.6	592.6	599.2	604.1	607.6
-50°	470.0	485.4	500.1	513.1	526.0	538.3	549.6	556.1	560.7	563.6	564.5
-52.5°	447.7	461.9	475.4	487.6	498.7	509.0	517.9	522.6	526.4	529.2	530.0
-55°	424.9	438.2	450.9	461.9	472.2	481.7	488.8	492.2	494.8	496.4	497.4
-57.5°	399.5	412.9	425.6	435.1	444.6	453.9	460.2	463.8	466.1	467.4	468.5
-60°	370.4	382.9	393.4	403.1	413.0	422.9	427.0	430.2	433.2	436.0	438.6
-62.5°	337.6	348.7	357.2	365.2	373.3	380.9	385.3	388.7	391.2	393.3	395.8
-65°	301.4	311.2	318.6	324.7	329.6	334.9	339.8	343.4	345.8	348.0	350.2
-67.5°	263.0	272.6	279.8	285.6	290.3	294.4	298.1	300.9	302.8	304.7	306.6
-70°	225.3	234.3	242.0	248.5	253.7	257.6	260.7	263.1	265.0	266.3	267.0
-72.5°	188.8	196.3	203.3	209.9	215.7	219.7	222.6	224.8	226.6	227.9	228.5
-75°	154.2	160.8	166.7	172.2	177.2	180.7	183.1	184.9	186.1	187.4	188.5
-77.5°	119.9	125.1	130.0	134.6	138.7	142.0	144.7	146.9	148.5	149.6	150.3
-80°	88.1	92.4	96.3	99.9	103.1	105.3	107.4	109.3	111.0	111.8	112.2
-82.5°	60.7	63.4	66.1	68.8	71.5	72.5	73.2	73.7	74.1	75.1	76.0
-85°	35.3	36.8	38.2	39.5	40.7	41.0	41.1	41.1	40.9	41.4	41.9
-87.5°	12.7	13.1	13.4	13.7	14.0	14.3	14.6	14.8	15.0	15.1	15.3
-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: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	15.4	15.4	15.5	15.5	15.5	15.4	15.4	15.3	15.1	15.0	14.8
85°	42.2	42.5	42.6	42.7	42.6	42.5	42.2	41.9	41.4	40.9	41.1
82.5°	76.7	77.2	77.5	77.6	77.5	77.2	76.7	76.0	75.1	74.1	73.7
80°	112.3	112.0	112.4	112.5	112.4	112.0	112.3	112.2	111.8	111.0	109.3
77.5°	150.6	150.5	151.0	151.2	151.0	150.5	150.6	150.3	149.6	148.5	146.9
75°	189.0	189.2	189.8	190.0	189.8	189.2	189.0	188.5	187.4	186.1	184.9
72.5°	228.5	227.9	228.5	228.8	228.5	227.9	228.5	228.5	227.9	226.6	224.8
70°	267.1	266.6	269.1	271.4	269.1	266.6	267.1	267.0	266.3	265.0	263.1
67.5°	308.1	308.8	311.6	314.1	311.6	308.8	308.1	306.6	304.7	302.8	300.9
65°	351.4	351.6	354.2	356.8	354.2	351.6	351.4	350.2	348.0	345.8	343.4
62.5°	397.3	397.8	400.6	403.3	400.6	397.8	397.3	395.8	393.3	391.2	388.7
60°	440.1	440.5	441.6	442.1	441.6	440.5	440.1	438.6	436.0	433.2	430.2
57.5°	468.8	468.4	468.8	469.2	468.8	468.4	468.8	468.5	467.4	466.1	463.8
55°	497.2	496.0	494.5	492.5	494.5	496.0	497.2	497.4	496.4	494.8	492.2
52.5°	529.3	527.3	525.4	523.5	525.4	527.3	529.3	530.0	529.2	526.4	522.6
50°	563.9	562.1	560.3	558.4	560.3	562.1	563.9	564.5	563.6	560.7	556.1
47.5°	610.0	610.8	610.4	608.8	610.4	610.8	610.0	607.6	604.1	599.2	592.6
45°	666.0	668.2	668.5	667.0	668.5	668.2	666.0	661.2	654.5	646.2	636.6
42.5°	738.9	743.8	746.5	748.4	746.5	743.8	738.9	730.4	718.4	702.9	687.2
40°	842.4	852.4	858.8	864.8	858.8	852.4	842.4	826.7	805.0	778.9	754.6
37.5°	990.8	1009.0	1017.2	1012.1	1017.2	1009.0	990.8	963.5	926.8	881.0	845.7
35°	1225.7	1260.2	1278.2	1279.7	1278.2	1260.2	1225.7	1173.9	1106.7	1033.8	976.5
32.5°	1634.8	1705.5	1743.5	1748.9	1743.5	1705.5	1634.8	1532.8	1394.7	1268.3	1170.3
30°	2421.5	2565.9	2633.7	2617.5	2633.7	2565.9	2421.5	2198.1	1906.3	1689.5	1479.9
27.5°	3950.7	4310.7	4524.0	4541.0	4524.0	4310.7	3950.7	3450.5	2807.0	2445.7	1989.3
25°	6349.8	6964.2	7357.7	7364.0	7357.7	6964.2	6349.8	5522.9	4589.4	3777.1	2863.8
22.5°	9421.3	10260.0	10719.6	10799.8	10719.6	10260.0	9421.3	8292.0	7070.7	5734.5	4380.7
20°	12979.7	14095.5	14692.5	14693.2	14692.5	14095.5	12979.7	11481.6	9938.4	8107.3	6310.0
17.5°	17362.1	19173.9	20311.2	20800.8	20311.2	19173.9	17362.1	15182.0	13152.3	10815.7	8467.6
15°	23184.2	26228.8	28053.2	28382.0	28053.2	26228.8	23184.2	20019.5	16732.8	13700.4	10747.6
12.5°	30273.3	34126.3	36716.3	37665.5	36716.3	34126.3	30273.3	25828.8	20705.0	16678.7	13072.9
10°	37674.9	41244.9	44019.6	44952.0	44019.6	41244.9	37674.9	32037.4	25856.8	19806.3	15129.3
7.5°	43021.9	47279.0	50404.5	51777.0	50404.5	47279.0	43021.9	37421.6	30360.0	23155.1	17320.2
5°	47242.9	52280.1	55189.5	56480.8	55189.5	52280.1	47242.9	41256.4	34045.9	25977.7	18935.2
2.5°	50012.4	54989.6	58070.6	59261.2	58070.6	54989.6	50012.4	43692.7	36392.4	27707.8	19961.7
0°	51048.0	55914.7	58958.8	60413.0	58958.8	55914.7	51048.0	44300.5	37029.5	28118.3	20304.4
-2.5°	50012.4	54989.6	58070.6	59261.2	58070.6	54989.6	50012.4	43692.7	36392.4	27707.8	19961.7
-5°	47242.9	52280.1	55189.5	56480.8	55189.5	52280.1	47242.9	41256.4	34045.9	25977.7	18935.2
-7.5°	43021.9	47279.0	50404.5	51777.0	50404.5	47279.0	43021.9	37421.6	30360.0	23155.1	17320.2
-10°	37674.9	41244.9	44019.6	44952.0	44019.6	41244.9	37674.9	32037.4	25856.8	19806.3	15129.3
-12.5°	30273.3	34126.3	36716.3	37665.5	36716.3	34126.3	30273.3	25828.8	20705.0	16678.7	13072.9
-15°	23184.2	26228.8	28053.2	28382.0	28053.2	26228.8	23184.2	20019.5	16732.8	13700.4	10747.6
-17.5°	17362.1	19173.9	20311.2	20800.8	20311.2	19173.9	17362.1	15182.0	13152.3	10815.7	8467.6
-20°	12979.7	14095.5	14692.5	14693.2	14692.5	14095.5	12979.7	11481.6	9938.4	8107.3	6310.0

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	9421.3	10260.0	10719.6	10799.8	10719.6	10260.0	9421.3	8292.0	7070.7	5734.5	4380.7
-25°	6349.8	6964.2	7357.7	7364.0	7357.7	6964.2	6349.8	5522.9	4589.4	3777.1	2863.8
-27.5°	3950.7	4310.7	4524.0	4541.0	4524.0	4310.7	3950.7	3450.5	2807.0	2445.7	1989.3
-30°	2421.5	2565.9	2633.7	2617.5	2633.7	2565.9	2421.5	2198.1	1906.3	1689.5	1479.9
-32.5°	1634.8	1705.5	1743.5	1748.9	1743.5	1705.5	1634.8	1532.8	1394.7	1268.3	1170.3
-35°	1225.7	1260.2	1278.2	1279.7	1278.2	1260.2	1225.7	1173.9	1106.7	1033.8	976.5
-37.5°	990.8	1009.0	1017.2	1012.1	1017.2	1009.0	990.8	963.5	926.8	881.0	845.7
-40°	842.4	852.4	858.8	864.8	858.8	852.4	842.4	826.7	805.0	778.9	754.6
-42.5°	738.9	743.8	746.5	748.4	746.5	743.8	738.9	730.4	718.4	702.9	687.2
-45°	666.0	668.2	668.5	667.0	668.5	668.2	666.0	661.2	654.5	646.2	636.6
-47.5°	610.0	610.8	610.4	608.8	610.4	610.8	610.0	607.6	604.1	599.2	592.6
-50°	563.9	562.1	560.3	558.4	560.3	562.1	563.9	564.5	563.6	560.7	556.1
-52.5°	529.3	527.3	525.4	523.5	525.4	527.3	529.3	530.0	529.2	526.4	522.6
-55°	497.2	496.0	494.5	492.5	494.5	496.0	497.2	497.4	496.4	494.8	492.2
-57.5°	468.8	468.4	468.8	469.2	468.8	468.4	468.8	468.5	467.4	466.1	463.8
-60°	440.1	440.5	441.6	442.1	441.6	440.5	440.1	438.6	436.0	433.2	430.2
-62.5°	397.3	397.8	400.6	403.3	400.6	397.8	397.3	395.8	393.3	391.2	388.7
-65°	351.4	351.6	354.2	356.8	354.2	351.6	351.4	350.2	348.0	345.8	343.4
-67.5°	308.1	308.8	311.6	314.1	311.6	308.8	308.1	306.6	304.7	302.8	300.9
-70°	267.1	266.6	269.1	271.4	269.1	266.6	267.1	267.0	266.3	265.0	263.1
-72.5°	228.5	227.9	228.5	228.8	228.5	227.9	228.5	228.5	227.9	226.6	224.8
-75°	189.0	189.2	189.8	190.0	189.8	189.2	189.0	188.5	187.4	186.1	184.9
-77.5°	150.6	150.5	151.0	151.2	151.0	150.5	150.6	150.3	149.6	148.5	146.9
-80°	112.3	112.0	112.4	112.5	112.4	112.0	112.3	112.2	111.8	111.0	109.3
-82.5°	76.7	77.2	77.5	77.6	77.5	77.2	76.7	76.0	75.1	74.1	73.7
-85°	42.2	42.5	42.6	42.7	42.6	42.5	42.2	41.9	41.4	40.9	41.1
-87.5°	15.4	15.4	15.5	15.5	15.5	15.4	15.4	15.3	15.1	15.0	14.8
-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: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	14.6	14.3	14.0	13.7	13.4	13.1	12.7	12.3	11.9	11.4	11.0
85°	41.1	41.0	40.7	39.5	38.2	36.8	35.3	33.7	32.0	30.2	28.3
82.5°	73.2	72.5	71.5	68.8	66.1	63.4	60.7	58.2	55.7	53.0	50.2
80°	107.4	105.3	103.1	99.9	96.3	92.4	88.1	84.1	79.8	75.8	72.0
77.5°	144.7	142.0	138.7	134.6	130.0	125.1	119.9	114.6	109.2	103.6	97.8
75°	183.1	180.7	177.2	172.2	166.7	160.8	154.2	146.9	139.5	132.1	124.8
72.5°	222.6	219.7	215.7	209.9	203.3	196.3	188.8	180.5	171.3	161.2	152.1
70°	260.7	257.6	253.7	248.5	242.0	234.3	225.3	215.5	205.1	194.3	183.2
67.5°	298.1	294.4	290.3	285.6	279.8	272.6	263.0	251.7	239.8	227.5	214.6
65°	339.8	334.9	329.6	324.7	318.6	311.2	301.4	290.5	277.4	262.4	246.1
62.5°	385.3	380.9	373.3	365.2	357.2	348.7	337.6	325.6	313.6	299.7	280.3
60°	427.0	422.9	413.0	403.1	393.4	382.9	370.4	357.8	345.1	329.9	312.2
57.5°	460.2	453.9	444.6	435.1	425.6	412.9	399.5	387.0	373.1	358.4	341.9
55°	488.8	481.7	472.2	461.9	450.9	438.2	424.9	410.8	397.5	385.4	368.5
52.5°	517.9	509.0	498.7	487.6	475.4	461.9	447.7	432.8	419.8	407.3	393.1
50°	549.6	538.3	526.0	513.1	500.1	485.4	470.0	454.2	441.8	428.7	414.5
47.5°	583.6	570.2	555.7	541.1	525.9	510.0	493.3	476.4	462.7	449.2	434.5
45°	623.5	606.6	587.8	571.0	553.1	535.5	517.5	500.0	482.8	467.7	453.5
42.5°	669.9	649.7	628.3	605.4	582.3	562.2	542.0	523.0	503.9	485.7	469.4
40°	728.2	698.7	673.9	645.5	618.2	590.7	568.5	545.8	524.9	504.3	485.5
37.5°	805.1	764.0	728.2	691.4	658.6	626.0	597.5	571.7	545.8	523.6	502.5
35°	908.9	851.3	795.2	747.7	703.7	665.2	629.2	598.8	570.2	543.1	519.4
32.5°	1055.7	971.3	881.3	817.2	756.8	706.7	664.3	626.6	593.9	564.1	537.0
30°	1286.2	1137.2	1009.5	901.1	823.0	754.9	700.1	655.9	617.5	584.3	554.2
27.5°	1661.7	1358.3	1181.5	1019.3	898.7	813.7	742.6	684.8	640.4	604.0	571.1
25°	2270.8	1758.6	1400.8	1176.7	1002.0	876.3	788.3	719.6	665.1	621.9	583.1
22.5°	3162.9	2363.5	1747.8	1357.2	1128.4	962.0	842.5	753.8	687.2	637.2	595.0
20°	4569.8	3143.5	2253.3	1649.5	1276.8	1044.2	899.8	793.9	714.3	653.7	605.6
17.5°	6254.9	4349.8	2825.7	1964.2	1469.2	1162.9	966.8	832.5	738.2	668.5	614.5
15°	7953.0	5611.6	3705.2	2420.5	1679.2	1266.6	1024.3	865.7	761.6	684.8	625.6
12.5°	9828.2	6963.4	4485.5	2797.8	1895.5	1391.6	1097.7	910.6	787.2	701.1	636.4
10°	11448.1	8226.1	5423.6	3402.2	2180.0	1522.7	1165.1	949.0	808.6	714.2	644.8
7.5°	12906.7	9304.9	6210.2	3873.9	2400.6	1626.7	1219.0	979.7	824.6	723.9	650.7
5°	13941.7	10129.3	6843.0	4230.3	2558.5	1698.8	1256.6	1001.3	835.2	729.9	654.1
2.5°	14587.5	10625.4	7255.7	4441.9	2635.8	1738.2	1280.1	1013.7	844.1	736.6	656.1
0°	14646.6	10590.4	7313.6	4544.8	2586.5	1745.0	1291.3	1016.0	849.2	740.7	655.4
-2.5°	14587.5	10625.4	7255.7	4441.9	2635.8	1738.2	1280.1	1013.7	844.1	736.6	656.1
-5°	13941.7	10129.3	6843.0	4230.3	2558.5	1698.8	1256.6	1001.3	835.2	729.9	654.1
-7.5°	12906.7	9304.9	6210.2	3873.9	2400.6	1626.7	1219.0	979.7	824.6	723.9	650.7
-10°	11448.1	8226.1	5423.6	3402.2	2180.0	1522.7	1165.1	949.0	808.6	714.2	644.8
-12.5°	9828.2	6963.4	4485.5	2797.8	1895.5	1391.6	1097.7	910.6	787.2	701.1	636.4
-15°	7953.0	5611.6	3705.2	2420.5	1679.2	1266.6	1024.3	865.7	761.6	684.8	625.6
-17.5°	6254.9	4349.8	2825.7	1964.2	1469.2	1162.9	966.8	832.5	738.2	668.5	614.5
-20°	4569.8	3143.5	2253.3	1649.5	1276.8	1044.2	899.8	793.9	714.3	653.7	605.6

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REPORT NUMBER: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3162.9	2363.5	1747.8	1357.2	1128.4	962.0	842.5	753.8	687.2	637.2	595.0
-25°	2270.8	1758.6	1400.8	1176.7	1002.0	876.3	788.3	719.6	665.1	621.9	583.1
-27.5°	1661.7	1358.3	1181.5	1019.3	898.7	813.7	742.6	684.8	640.4	604.0	571.1
-30°	1286.2	1137.2	1009.5	901.1	823.0	754.9	700.1	655.9	617.5	584.3	554.2
-32.5°	1055.7	971.3	881.3	817.2	756.8	706.7	664.3	626.6	593.9	564.1	537.0
-35°	908.9	851.3	795.2	747.7	703.7	665.2	629.2	598.8	570.2	543.1	519.4
-37.5°	805.1	764.0	728.2	691.4	658.6	626.0	597.5	571.7	545.8	523.6	502.5
-40°	728.2	698.7	673.9	645.5	618.2	590.7	568.5	545.8	524.9	504.3	485.5
-42.5°	669.9	649.7	628.3	605.4	582.3	562.2	542.0	523.0	503.9	485.7	469.4
-45°	623.5	606.6	587.8	571.0	553.1	535.5	517.5	500.0	482.8	467.7	453.5
-47.5°	583.6	570.2	555.7	541.1	525.9	510.0	493.3	476.4	462.7	449.2	434.5
-50°	549.6	538.3	526.0	513.1	500.1	485.4	470.0	454.2	441.8	428.7	414.5
-52.5°	517.9	509.0	498.7	487.6	475.4	461.9	447.7	432.8	419.8	407.3	393.1
-55°	488.8	481.7	472.2	461.9	450.9	438.2	424.9	410.8	397.5	385.4	368.5
-57.5°	460.2	453.9	444.6	435.1	425.6	412.9	399.5	387.0	373.1	358.4	341.9
-60°	427.0	422.9	413.0	403.1	393.4	382.9	370.4	357.8	345.1	329.9	312.2
-62.5°	385.3	380.9	373.3	365.2	357.2	348.7	337.6	325.6	313.6	299.7	280.3
-65°	339.8	334.9	329.6	324.7	318.6	311.2	301.4	290.5	277.4	262.4	246.1
-67.5°	298.1	294.4	290.3	285.6	279.8	272.6	263.0	251.7	239.8	227.5	214.6
-70°	260.7	257.6	253.7	248.5	242.0	234.3	225.3	215.5	205.1	194.3	183.2
-72.5°	222.6	219.7	215.7	209.9	203.3	196.3	188.8	180.5	171.3	161.2	152.1
-75°	183.1	180.7	177.2	172.2	166.7	160.8	154.2	146.9	139.5	132.1	124.8
-77.5°	144.7	142.0	138.7	134.6	130.0	125.1	119.9	114.6	109.2	103.6	97.8
-80°	107.4	105.3	103.1	99.9	96.3	92.4	88.1	84.1	79.8	75.8	72.0
-82.5°	73.2	72.5	71.5	68.8	66.1	63.4	60.7	58.2	55.7	53.0	50.2
-85°	41.1	41.0	40.7	39.5	38.2	36.8	35.3	33.7	32.0	30.2	28.3
-87.5°	14.6	14.3	14.0	13.7	13.4	13.1	12.7	12.3	11.9	11.4	11.0
-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: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.5	10.0	9.4	8.9	8.3	7.7	7.2	6.5	5.9	5.3	4.7
85°	26.4	24.3	22.2	20.0	17.8	15.5	14.3	13.1	11.9	10.6	9.3
82.5°	47.2	44.2	41.0	37.7	34.4	30.9	27.3	23.7	19.9	16.2	13.9
80°	68.1	64.0	59.8	55.5	51.1	46.3	41.5	36.6	31.2	26.0	21.0
77.5°	91.7	85.3	78.7	73.2	68.2	62.6	56.6	49.8	42.4	35.7	29.3
75°	117.4	109.7	101.8	94.0	86.5	79.0	72.0	64.1	54.8	45.5	37.4
72.5°	144.1	135.2	125.6	115.7	106.9	97.7	88.3	78.2	67.6	56.9	46.0
70°	172.2	161.2	150.5	139.4	128.0	116.5	105.6	93.5	80.3	68.2	55.9
67.5°	201.3	188.3	175.5	162.9	149.9	136.6	123.0	108.8	94.1	79.3	65.6
65°	231.2	215.8	200.1	186.1	171.6	156.7	141.5	124.2	107.7	91.4	75.2
62.5°	261.7	243.8	226.4	209.3	192.9	176.5	159.5	140.1	121.2	103.3	85.3
60°	292.3	271.8	252.2	233.1	214.3	196.0	176.8	155.6	134.9	114.9	95.5
57.5°	321.6	299.0	276.8	256.0	235.5	215.2	193.7	170.8	148.2	126.4	105.4
55°	350.1	327.0	300.9	277.2	255.5	233.9	210.0	185.8	161.1	137.6	115.1
52.5°	375.3	352.3	325.2	298.1	273.8	251.2	225.6	200.3	174.2	148.4	124.4
50°	398.1	374.8	347.6	319.0	291.3	266.2	240.5	213.8	186.8	159.0	133.5
47.5°	417.8	395.4	368.6	338.6	309.1	280.7	254.0	226.5	199.0	169.8	142.3
45°	435.5	415.3	388.7	358.0	325.5	295.4	266.8	238.5	209.8	180.3	150.7
42.5°	452.1	432.5	408.2	376.9	342.3	309.6	278.9	249.6	219.9	190.2	159.1
40°	467.2	447.5	426.4	394.5	358.2	322.8	290.9	260.0	229.4	199.3	167.2
37.5°	482.1	461.7	439.8	411.0	373.1	336.3	302.0	269.9	238.6	207.4	174.9
35°	497.4	475.5	451.6	423.9	387.3	348.8	312.3	279.2	247.2	215.0	182.0
32.5°	512.0	487.9	462.4	434.9	400.6	360.1	322.3	288.3	255.2	222.1	188.6
30°	526.4	498.1	472.0	446.1	412.1	371.2	332.1	296.6	262.7	228.7	194.6
27.5°	537.4	507.0	480.4	454.8	421.8	381.4	341.6	304.4	269.7	234.8	199.8
25°	547.2	515.5	487.7	461.8	431.4	392.0	350.3	311.5	275.9	240.3	204.7
22.5°	557.0	523.0	493.7	467.7	440.5	401.5	358.6	318.5	281.6	245.3	209.0
20°	565.5	529.0	498.7	473.1	446.5	409.0	366.3	324.8	286.6	249.8	212.8
17.5°	572.7	535.1	504.0	477.6	450.6	415.2	373.0	330.3	291.0	253.6	216.2
15°	580.2	541.4	508.5	481.0	454.2	420.4	378.8	335.0	294.7	256.9	219.3
12.5°	586.5	546.0	511.9	483.5	457.2	424.4	383.5	338.8	297.7	259.9	222.2
10°	591.5	549.1	514.4	485.0	459.6	427.3	387.2	342.4	301.3	262.7	224.5
7.5°	595.0	550.6	515.8	485.7	461.3	429.9	390.8	346.3	304.5	264.8	226.4
5°	597.4	551.3	516.7	487.1	462.3	432.3	393.5	349.3	307.1	266.4	227.7
2.5°	600.1	551.7	516.8	488.2	462.3	433.8	395.0	351.6	309.0	267.3	228.5
0°	601.1	550.7	515.8	488.6	461.5	434.3	395.5	352.9	310.2	267.6	228.8
-2.5°	600.1	551.7	516.8	488.2	462.3	433.8	395.0	351.6	309.0	267.3	228.5
-5°	597.4	551.3	516.7	487.1	462.3	432.3	393.5	349.3	307.1	266.4	227.7
-7.5°	595.0	550.6	515.8	485.7	461.3	429.9	390.8	346.3	304.5	264.8	226.4
-10°	591.5	549.1	514.4	485.0	459.6	427.3	387.2	342.4	301.3	262.7	224.5
-12.5°	586.5	546.0	511.9	483.5	457.2	424.4	383.5	338.8	297.7	259.9	222.2
-15°	580.2	541.4	508.5	481.0	454.2	420.4	378.8	335.0	294.7	256.9	219.3
-17.5°	572.7	535.1	504.0	477.6	450.6	415.2	373.0	330.3	291.0	253.6	216.2
-20°	565.5	529.0	498.7	473.1	446.5	409.0	366.3	324.8	286.6	249.8	212.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	557.0	523.0	493.7	467.7	440.5	401.5	358.6	318.5	281.6	245.3	209.0
-25°	547.2	515.5	487.7	461.8	431.4	392.0	350.3	311.5	275.9	240.3	204.7
-27.5°	537.4	507.0	480.4	454.8	421.8	381.4	341.6	304.4	269.7	234.8	199.8
-30°	526.4	498.1	472.0	446.1	412.1	371.2	332.1	296.6	262.7	228.7	194.6
-32.5°	512.0	487.9	462.4	434.9	400.6	360.1	322.3	288.3	255.2	222.1	188.6
-35°	497.4	475.5	451.6	423.9	387.3	348.8	312.3	279.2	247.2	215.0	182.0
-37.5°	482.1	461.7	439.8	411.0	373.1	336.3	302.0	269.9	238.6	207.4	174.9
-40°	467.2	447.5	426.4	394.5	358.2	322.8	290.9	260.0	229.4	199.3	167.2
-42.5°	452.1	432.5	408.2	376.9	342.3	309.6	278.9	249.6	219.9	190.2	159.1
-45°	435.5	415.3	388.7	358.0	325.5	295.4	266.8	238.5	209.8	180.3	150.7
-47.5°	417.8	395.4	368.6	338.6	309.1	280.7	254.0	226.5	199.0	169.8	142.3
-50°	398.1	374.8	347.6	319.0	291.3	266.2	240.5	213.8	186.8	159.0	133.5
-52.5°	375.3	352.3	325.2	298.1	273.8	251.2	225.6	200.3	174.2	148.4	124.4
-55°	350.1	327.0	300.9	277.2	255.5	233.9	210.0	185.8	161.1	137.6	115.1
-57.5°	321.6	299.0	276.8	256.0	235.5	215.2	193.7	170.8	148.2	126.4	105.4
-60°	292.3	271.8	252.2	233.1	214.3	196.0	176.8	155.6	134.9	114.9	95.5
-62.5°	261.7	243.8	226.4	209.3	192.9	176.5	159.5	140.1	121.2	103.3	85.3
-65°	231.2	215.8	200.1	186.1	171.6	156.7	141.5	124.2	107.7	91.4	75.2
-67.5°	201.3	188.3	175.5	162.9	149.9	136.6	123.0	108.8	94.1	79.3	65.6
-70°	172.2	161.2	150.5	139.4	128.0	116.5	105.6	93.5	80.3	68.2	55.9
-72.5°	144.1	135.2	125.6	115.7	106.9	97.7	88.3	78.2	67.6	56.9	46.0
-75°	117.4	109.7	101.8	94.0	86.5	79.0	72.0	64.1	54.8	45.5	37.4
-77.5°	91.7	85.3	78.7	73.2	68.2	62.6	56.6	49.8	42.4	35.7	29.3
-80°	68.1	64.0	59.8	55.5	51.1	46.3	41.5	36.6	31.2	26.0	21.0
-82.5°	47.2	44.2	41.0	37.7	34.4	30.9	27.3	23.7	19.9	16.2	13.9
-85°	26.4	24.3	22.2	20.0	17.8	15.5	14.3	13.1	11.9	10.6	9.3
-87.5°	10.5	10.0	9.4	8.9	8.3	7.7	7.2	6.5	5.9	5.3	4.7
-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: P627365 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-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°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
85°	8.0	6.7	5.4	4.0	2.7	1.4	0.0
82.5°	12.0	10.0	8.1	6.1	4.0	2.0	0.0
80°	16.3	13.4	10.7	8.1	5.4	2.7	0.0
77.5°	23.2	17.5	13.4	10.0	6.7	3.4	0.0
75°	30.1	23.2	16.3	12.0	8.0	4.0	0.0
72.5°	36.9	28.9	20.9	13.9	9.3	4.7	0.0
70°	43.8	34.5	25.3	16.1	10.6	5.3	0.0
67.5°	52.3	40.0	29.8	19.5	11.9	5.9	0.0
65°	60.6	46.2	34.1	22.7	13.1	6.5	0.0
62.5°	68.7	53.0	38.3	25.9	14.3	7.2	0.0
60°	76.7	59.6	42.5	29.0	15.5	7.7	0.0
57.5°	85.1	66.1	47.6	32.1	17.5	8.3	0.0
55°	93.2	72.5	52.7	35.0	19.5	8.9	0.0
52.5°	101.1	78.6	57.6	37.9	21.4	9.4	0.0
50°	108.7	84.9	62.4	40.7	23.2	10.0	0.0
47.5°	115.9	90.9	67.0	43.5	25.0	10.5	0.0
45°	123.1	96.6	71.4	46.8	26.7	11.0	0.0
42.5°	130.0	102.0	75.6	50.0	28.4	11.4	0.0
40°	136.6	107.1	79.6	53.0	30.0	11.9	0.0
37.5°	142.8	111.9	83.5	55.8	31.4	12.3	0.0
35°	148.6	116.6	87.1	58.3	32.8	12.7	0.0
32.5°	154.2	121.2	90.5	60.7	34.2	13.1	0.0
30°	159.4	125.4	93.6	62.9	35.4	13.4	0.0
27.5°	164.2	129.4	96.5	64.9	36.5	13.7	0.0
25°	168.6	133.0	99.1	66.7	37.6	14.0	0.0
22.5°	172.4	136.2	101.5	68.3	38.5	14.3	0.0
20°	175.8	139.0	103.7	69.7	39.4	14.6	0.0
17.5°	178.9	141.4	105.7	70.9	40.2	14.8	0.0
15°	181.7	143.4	107.4	71.9	40.8	15.0	0.0
12.5°	184.2	145.0	108.9	72.7	41.4	15.1	0.0
10°	186.2	146.3	110.2	73.3	41.9	15.3	0.0
7.5°	187.8	147.1	111.2	73.6	42.2	15.4	0.0
5°	189.0	147.6	111.9	73.9	42.5	15.4	0.0
2.5°	189.8	147.7	112.4	73.9	42.6	15.5	0.0
0°	190.0	147.4	112.5	73.7	42.7	15.5	0.0
-2.5°	189.8	147.7	112.4	73.9	42.6	15.5	0.0
-5°	189.0	147.6	111.9	73.9	42.5	15.4	0.0
-7.5°	187.8	147.1	111.2	73.6	42.2	15.4	0.0
-10°	186.2	146.3	110.2	73.3	41.9	15.3	0.0
-12.5°	184.2	145.0	108.9	72.7	41.4	15.1	0.0
-15°	181.7	143.4	107.4	71.9	40.8	15.0	0.0
-17.5°	178.9	141.4	105.7	70.9	40.2	14.8	0.0
-20°	175.8	139.0	103.7	69.7	39.4	14.6	0.0

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CATALOG NUMBER: GFLD-SA4C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	172.4	136.2	101.5	68.3	38.5	14.3	0.0
-25°	168.6	133.0	99.1	66.7	37.6	14.0	0.0
-27.5°	164.2	129.4	96.5	64.9	36.5	13.7	0.0
-30°	159.4	125.4	93.6	62.9	35.4	13.4	0.0
-32.5°	154.2	121.2	90.5	60.7	34.2	13.1	0.0
-35°	148.6	116.6	87.1	58.3	32.8	12.7	0.0
-37.5°	142.8	111.9	83.5	55.8	31.4	12.3	0.0
-40°	136.6	107.1	79.6	53.0	30.0	11.9	0.0
-42.5°	130.0	102.0	75.6	50.0	28.4	11.4	0.0
-45°	123.1	96.6	71.4	46.8	26.7	11.0	0.0
-47.5°	115.9	90.9	67.0	43.5	25.0	10.5	0.0
-50°	108.7	84.9	62.4	40.7	23.2	10.0	0.0
-52.5°	101.1	78.6	57.6	37.9	21.4	9.4	0.0
-55°	93.2	72.5	52.7	35.0	19.5	8.9	0.0
-57.5°	85.1	66.1	47.6	32.1	17.5	8.3	0.0
-60°	76.7	59.6	42.5	29.0	15.5	7.7	0.0
-62.5°	68.7	53.0	38.3	25.9	14.3	7.2	0.0
-65°	60.6	46.2	34.1	22.7	13.1	6.5	0.0
-67.5°	52.3	40.0	29.8	19.5	11.9	5.9	0.0
-70°	43.8	34.5	25.3	16.1	10.6	5.3	0.0
-72.5°	36.9	28.9	20.9	13.9	9.3	4.7	0.0
-75°	30.1	23.2	16.3	12.0	8.0	4.0	0.0
-77.5°	23.2	17.5	13.4	10.0	6.7	3.4	0.0
-80°	16.3	13.4	10.7	8.1	5.4	2.7	0.0
-82.5°	12.0	10.0	8.1	6.1	4.0	2.0	0.0
-85°	8.0	6.7	5.4	4.0	2.7	1.4	0.0
-87.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)