

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: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-740-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627525 (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-SA4E-740-U-MR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N101  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

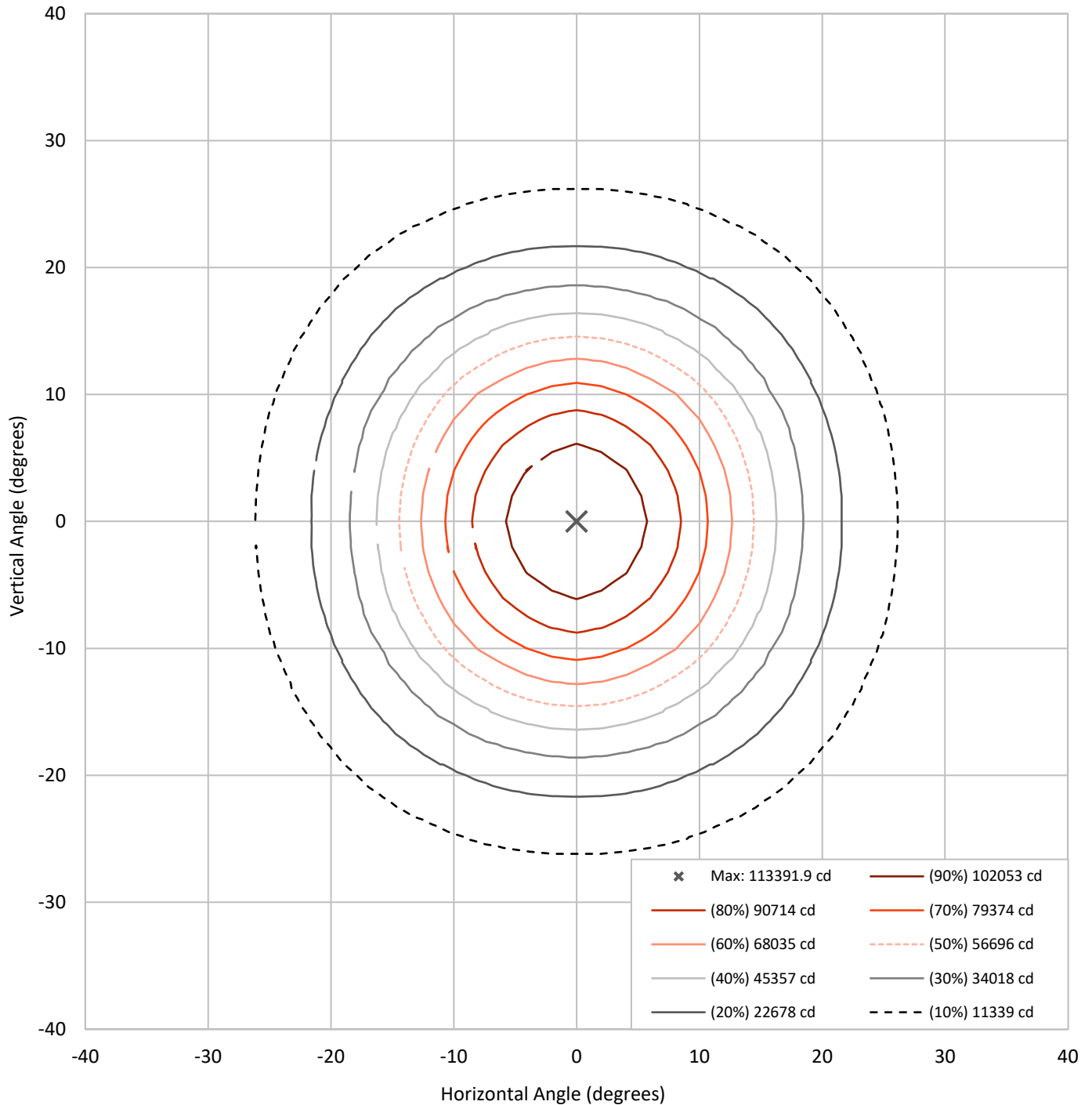
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	35427.5 lumens	Max Intensity:	113391.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.4 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:	17224.4 lumens	Field Lumens:	29067.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	255.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





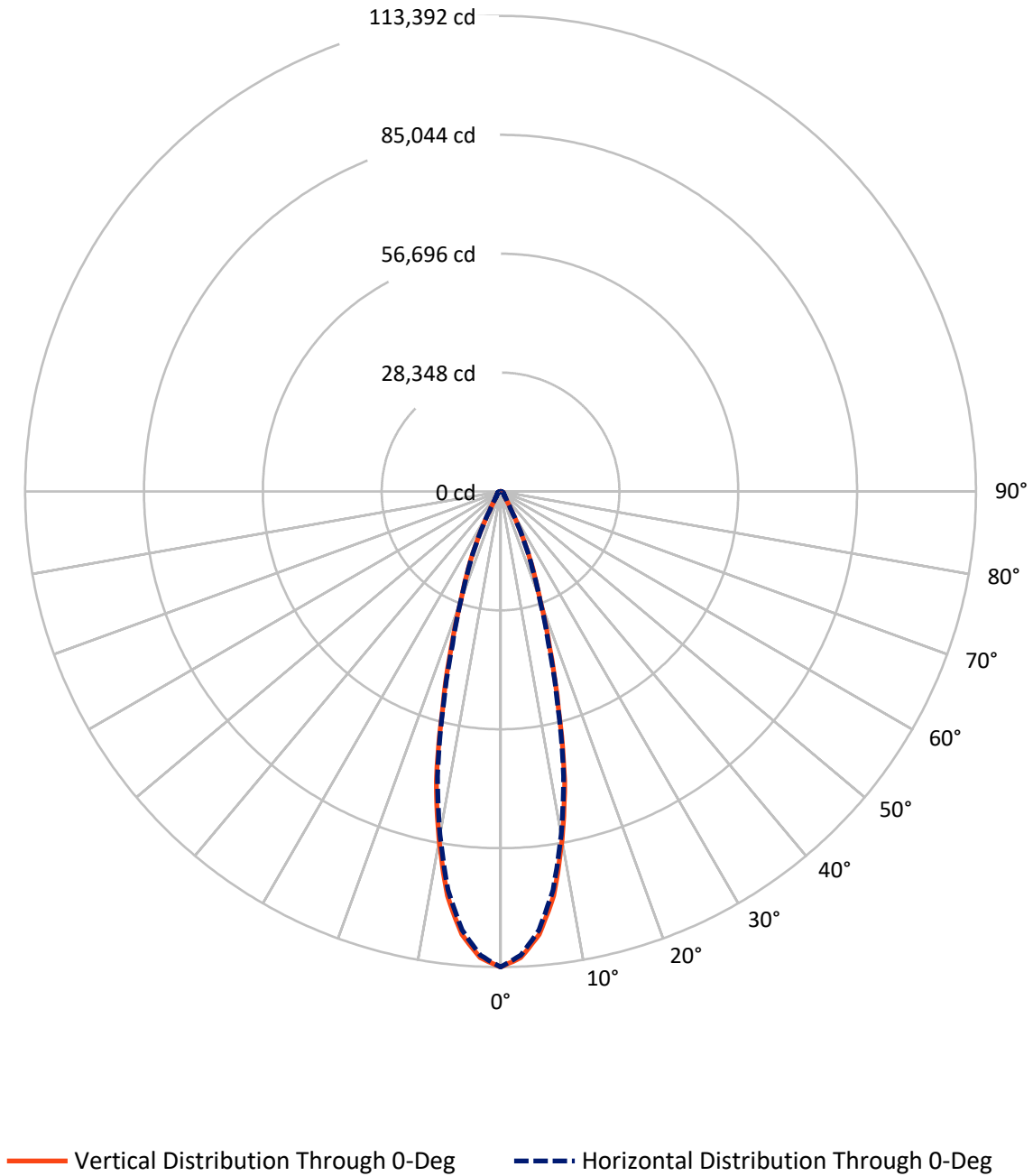
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### Lumen Table

90																
80	0.7	5.9		15.4		24.3		27.0		24.3		15.4		5.9		0.7
70																
60	2.7	3.0	6.1	10.0	14.0	17.1	19.1	20.1	20.1	19.1	17.1	14.0	10.0	6.1	3.0	2.7
		4.5	9.2	14.8	19.8	24.4	27.3	28.3	28.3	27.3	24.4	19.8	14.8	9.2	4.5	
50	4.7	5.8	11.7	18.2	24.3	30.7	36.1	38.7	38.7	36.1	30.7	24.3	18.2	11.7	5.8	4.7
		6.8	13.8	21.1	29.7	42.4	61.4	79.8	79.8	61.4	42.4	29.7	21.1	13.8	6.8	
40	6.0	7.7	15.1	23.7	38.1	82.8	233.2	413.6	413.6	233.2	82.8	38.1	23.7	15.1	7.7	6.0
		8.2	15.8	25.8	51.9	217.4	775.0	1485.0	1485.0	775.0	217.4	51.9	25.8	15.8	8.2	
30	6.4	8.5	16.1	27.1	65.9	375.3	1434.4	2821.5	2821.5	1434.4	375.3	65.9	27.1	16.1	8.5	6.4
		8.5	16.1	27.1	65.9	375.3	1434.4	2821.5	2821.5	1434.4	375.3	65.9	27.1	16.1	8.5	
20	6.0	8.2	15.8	25.8	51.9	217.4	775.0	1485.0	1485.0	775.0	217.4	51.9	25.8	15.8	8.2	6.0
		7.7	15.1	23.7	38.1	82.8	233.2	413.6	413.6	233.2	82.8	38.1	23.7	15.1	7.7	
10	4.7	6.8	13.8	21.1	29.7	42.4	61.4	79.8	79.8	61.4	42.4	29.7	21.1	13.8	6.8	4.7
		5.8	11.7	18.2	24.3	30.7	36.1	38.7	38.7	36.1	30.7	24.3	18.2	11.7	5.8	
0	2.7	4.5	9.2	14.8	19.8	24.4	27.3	28.3	28.3	27.3	24.4	19.8	14.8	9.2	4.5	2.7
		3.0	6.1	10.0	14.0	17.1	19.1	20.1	20.1	19.1	17.1	14.0	10.0	6.1	3.0	
-10	6.0	8.2	15.8	25.8	51.9	217.4	775.0	1485.0	1485.0	775.0	217.4	51.9	25.8	15.8	8.2	6.0
		7.7	15.1	23.7	38.1	82.8	233.2	413.6	413.6	233.2	82.8	38.1	23.7	15.1	7.7	
-20	4.7	6.8	13.8	21.1	29.7	42.4	61.4	79.8	79.8	61.4	42.4	29.7	21.1	13.8	6.8	4.7
		5.8	11.7	18.2	24.3	30.7	36.1	38.7	38.7	36.1	30.7	24.3	18.2	11.7	5.8	
-30	6.0	8.2	15.8	25.8	51.9	217.4	775.0	1485.0	1485.0	775.0	217.4	51.9	25.8	15.8	8.2	6.0
		7.7	15.1	23.7	38.1	82.8	233.2	413.6	413.6	233.2	82.8	38.1	23.7	15.1	7.7	
-40	4.7	6.8	13.8	21.1	29.7	42.4	61.4	79.8	79.8	61.4	42.4	29.7	21.1	13.8	6.8	4.7
		5.8	11.7	18.2	24.3	30.7	36.1	38.7	38.7	36.1	30.7	24.3	18.2	11.7	5.8	
-50	2.7	4.5	9.2	14.8	19.8	24.4	27.3	28.3	28.3	27.3	24.4	19.8	14.8	9.2	4.5	2.7
		3.0	6.1	10.0	14.0	17.1	19.1	20.1	20.1	19.1	17.1	14.0	10.0	6.1	3.0	
-60	6.0	8.2	15.8	25.8	51.9	217.4	775.0	1485.0	1485.0	775.0	217.4	51.9	25.8	15.8	8.2	6.0
		7.7	15.1	23.7	38.1	82.8	233.2	413.6	413.6	233.2	82.8	38.1	23.7	15.1	7.7	
-70	4.7	6.8	13.8	21.1	29.7	42.4	61.4	79.8	79.8	61.4	42.4	29.7	21.1	13.8	6.8	4.7
		5.8	11.7	18.2	24.3	30.7	36.1	38.7	38.7	36.1	30.7	24.3	18.2	11.7	5.8	
-80	2.7	4.5	9.2	14.8	19.8	24.4	27.3	28.3	28.3	27.3	24.4	19.8	14.8	9.2	4.5	2.7
		3.0	6.1	10.0	14.0	17.1	19.1	20.1	20.1	19.1	17.1	14.0	10.0	6.1	3.0	
-90	6.0	8.2	15.8	25.8	51.9	217.4	775.0	1485.0	1485.0	775.0	217.4	51.9	25.8	15.8	8.2	6.0
		7.7	15.1	23.7	38.1	82.8	233.2	413.6	413.6	233.2	82.8	38.1	23.7	15.1	7.7	
90																

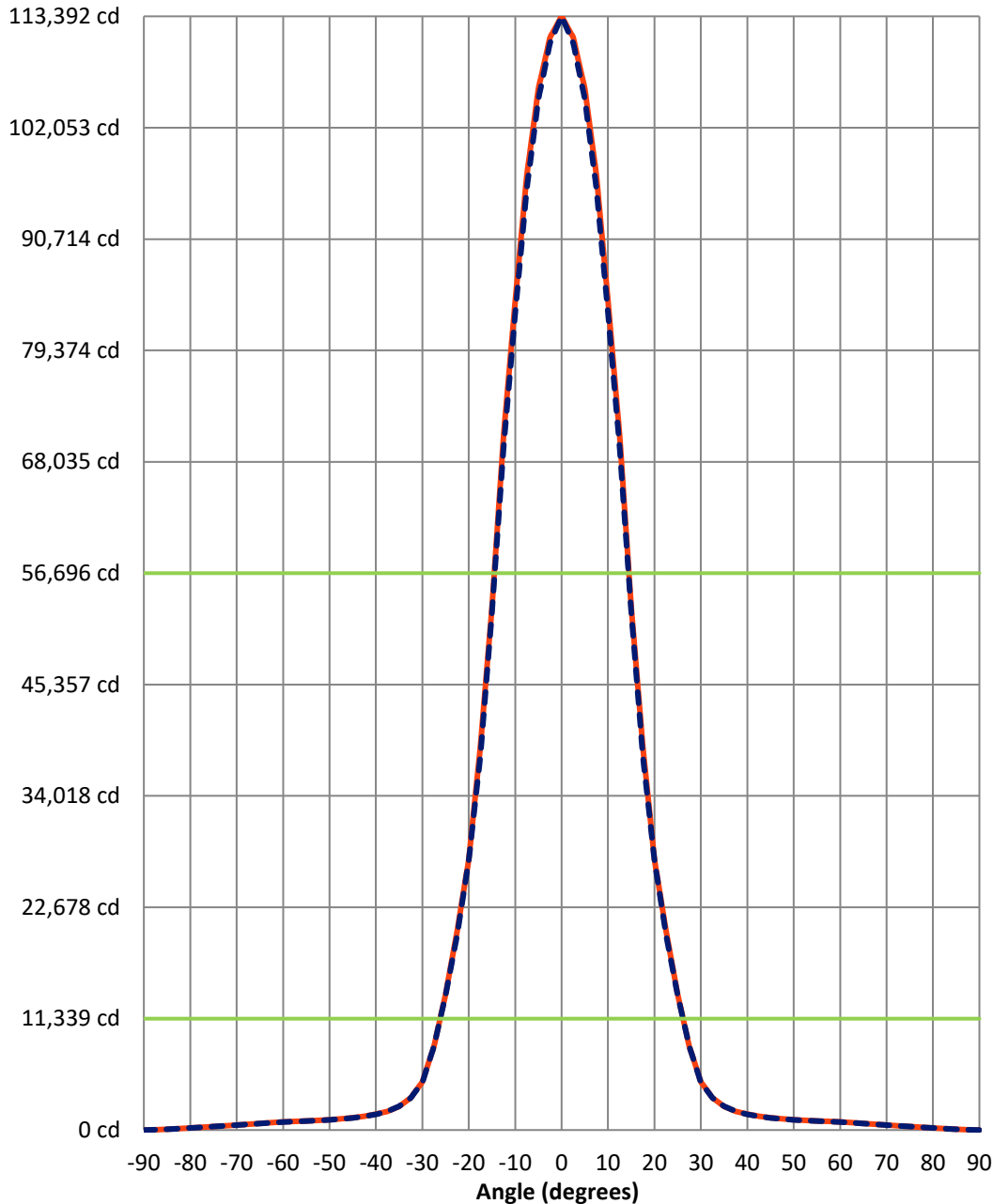
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 17224.4  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 29067.7  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 6359.8  
 Efficiency: 18.0%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.3	2.5	3.8	5.1	6.3	7.5	8.7	9.9	11.1	12.3
85°	0.0	2.5	5.1	7.6	10.1	12.6	15.0	17.5	19.9	22.2	24.6
82.5°	0.0	3.8	7.6	11.4	15.1	18.8	22.5	26.2	30.4	37.3	44.5
80°	0.0	5.1	10.1	15.1	20.1	25.1	30.6	39.5	48.8	58.5	68.7
77.5°	0.0	6.3	12.6	18.8	25.1	32.9	43.6	55.0	67.0	79.6	93.4
75°	0.0	7.5	15.0	22.5	30.6	43.6	56.5	70.3	85.3	102.9	120.3
72.5°	0.0	8.7	17.5	26.2	39.2	54.2	69.2	86.3	106.7	126.9	146.9
70°	0.0	9.9	19.9	30.3	47.6	64.7	82.2	104.8	127.9	150.7	175.4
67.5°	0.0	11.1	22.2	36.5	55.8	75.0	98.0	123.1	148.8	176.7	204.2
65°	0.0	12.3	24.6	42.6	64.0	86.6	113.6	141.1	171.6	202.2	233.2
62.5°	0.0	13.4	26.8	48.6	71.9	99.4	128.9	160.1	193.9	227.6	263.0
60°	0.0	14.5	29.1	54.4	79.7	111.9	143.9	179.2	215.7	253.2	291.9
57.5°	0.0	15.6	32.9	60.1	89.4	124.1	159.6	197.9	237.4	278.1	320.6
55°	0.0	16.7	36.6	65.7	98.9	135.9	175.0	216.0	258.4	302.3	348.7
52.5°	0.0	17.7	40.1	71.1	108.1	147.6	189.8	233.6	278.5	326.9	376.0
50°	0.0	18.7	43.6	76.3	117.0	159.3	204.0	250.7	298.4	350.7	401.2
47.5°	0.0	19.7	47.0	81.6	125.6	170.5	217.7	267.1	318.7	373.6	425.1
45°	0.0	20.6	50.2	87.8	133.9	181.2	231.1	282.9	338.4	393.8	447.7
42.5°	0.0	21.5	53.3	93.8	141.8	191.4	244.1	298.6	357.0	412.8	468.5
40°	0.0	22.3	56.2	99.4	149.4	201.0	256.4	313.9	374.0	430.7	488.1
37.5°	0.0	23.1	59.0	104.6	156.7	210.0	268.0	328.2	389.2	447.8	506.7
35°	0.0	23.8	61.6	109.5	163.5	218.9	279.0	341.6	403.5	464.0	524.2
32.5°	0.0	24.5	64.1	114.0	169.9	227.5	289.5	353.9	416.9	479.1	541.1
30°	0.0	25.2	66.4	118.1	175.7	235.5	299.3	365.1	429.3	493.2	556.8
27.5°	0.0	25.8	68.6	121.8	181.0	242.8	308.3	375.1	440.7	506.1	571.3
25°	0.0	26.4	70.5	125.2	185.9	249.6	316.4	384.1	451.1	517.9	584.6
22.5°	0.0	26.9	72.3	128.2	190.5	255.7	323.7	392.2	460.5	528.6	597.9
20°	0.0	27.3	73.9	130.8	194.6	261.0	330.0	399.5	468.8	538.0	609.7
17.5°	0.0	27.8	75.4	133.0	198.3	265.5	335.8	405.7	476.0	546.2	620.0
15°	0.0	28.1	76.6	134.9	201.6	269.2	341.1	411.5	482.1	553.2	628.8
12.5°	0.0	28.4	77.7	136.4	204.4	272.2	345.7	416.9	487.8	558.8	636.0
10°	0.0	28.7	78.5	137.5	206.8	274.5	349.5	421.4	493.0	565.6	642.7
7.5°	0.0	28.9	79.2	138.2	208.7	276.1	352.6	424.9	497.0	571.6	650.0
5°	0.0	29.0	79.7	138.6	210.0	276.9	354.8	427.4	499.9	576.5	655.7
2.5°	0.0	29.1	80.0	138.6	210.8	277.1	356.1	428.9	501.6	580.1	659.8
0°	0.0	29.1	80.1	138.3	211.1	276.6	356.6	429.4	502.2	582.3	662.3
-2.5°	0.0	29.1	80.0	138.6	210.8	277.1	356.1	428.9	501.6	580.1	659.8
-5°	0.0	29.0	79.7	138.6	210.0	276.9	354.8	427.4	499.9	576.5	655.7
-7.5°	0.0	28.9	79.2	138.2	208.7	276.1	352.6	424.9	497.0	571.6	650.0
-10°	0.0	28.7	78.5	137.5	206.8	274.5	349.5	421.4	493.0	565.6	642.7
-12.5°	0.0	28.4	77.7	136.4	204.4	272.2	345.7	416.9	487.8	558.8	636.0
-15°	0.0	28.1	76.6	134.9	201.6	269.2	341.1	411.5	482.1	553.2	628.8
-17.5°	0.0	27.8	75.4	133.0	198.3	265.5	335.8	405.7	476.0	546.2	620.0
-20°	0.0	27.3	73.9	130.8	194.6	261.0	330.0	399.5	468.8	538.0	609.7

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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	26.9	72.3	128.2	190.5	255.7	323.7	392.2	460.5	528.6	597.9
-25°	0.0	26.4	70.5	125.2	185.9	249.6	316.4	384.1	451.1	517.9	584.6
-27.5°	0.0	25.8	68.6	121.8	181.0	242.8	308.3	375.1	440.7	506.1	571.3
-30°	0.0	25.2	66.4	118.1	175.7	235.5	299.3	365.1	429.3	493.2	556.8
-32.5°	0.0	24.5	64.1	114.0	169.9	227.5	289.5	353.9	416.9	479.1	541.1
-35°	0.0	23.8	61.6	109.5	163.5	218.9	279.0	341.6	403.5	464.0	524.2
-37.5°	0.0	23.1	59.0	104.6	156.7	210.0	268.0	328.2	389.2	447.8	506.7
-40°	0.0	22.3	56.2	99.4	149.4	201.0	256.4	313.9	374.0	430.7	488.1
-42.5°	0.0	21.5	53.3	93.8	141.8	191.4	244.1	298.6	357.0	412.8	468.5
-45°	0.0	20.6	50.2	87.8	133.9	181.2	231.1	282.9	338.4	393.8	447.7
-47.5°	0.0	19.7	47.0	81.6	125.6	170.5	217.7	267.1	318.7	373.6	425.1
-50°	0.0	18.7	43.6	76.3	117.0	159.3	204.0	250.7	298.4	350.7	401.2
-52.5°	0.0	17.7	40.1	71.1	108.1	147.6	189.8	233.6	278.5	326.9	376.0
-55°	0.0	16.7	36.6	65.7	98.9	135.9	175.0	216.0	258.4	302.3	348.7
-57.5°	0.0	15.6	32.9	60.1	89.4	124.1	159.6	197.9	237.4	278.1	320.6
-60°	0.0	14.5	29.1	54.4	79.7	111.9	143.9	179.2	215.7	253.2	291.9
-62.5°	0.0	13.4	26.8	48.6	71.9	99.4	128.9	160.1	193.9	227.6	263.0
-65°	0.0	12.3	24.6	42.6	64.0	86.6	113.6	141.1	171.6	202.2	233.2
-67.5°	0.0	11.1	22.2	36.5	55.8	75.0	98.0	123.1	148.8	176.7	204.2
-70°	0.0	9.9	19.9	30.3	47.6	64.7	82.2	104.8	127.9	150.7	175.4
-72.5°	0.0	8.7	17.5	26.2	39.2	54.2	69.2	86.3	106.7	126.9	146.9
-75°	0.0	7.5	15.0	22.5	30.6	43.6	56.5	70.3	85.3	102.9	120.3
-77.5°	0.0	6.3	12.6	18.8	25.1	32.9	43.6	55.0	67.0	79.6	93.4
-80°	0.0	5.1	10.1	15.1	20.1	25.1	30.6	39.5	48.8	58.5	68.7
-82.5°	0.0	3.8	7.6	11.4	15.1	18.8	22.5	26.2	30.4	37.3	44.5
-85°	0.0	2.5	5.1	7.6	10.1	12.6	15.0	17.5	19.9	22.2	24.6
-87.5°	0.0	1.3	2.5	3.8	5.1	6.3	7.5	8.7	9.9	11.1	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





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CATALOG NUMBER: GFLD-SA4E-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.4	14.5	15.6	16.7	17.7	18.7	19.7	20.6	21.5	22.3	23.1
85°	26.8	29.1	33.4	37.6	41.7	45.7	49.5	53.2	56.7	60.0	63.2
82.5°	51.3	58.0	64.5	70.9	77.0	82.9	88.7	94.2	99.5	104.5	109.3
80°	78.0	86.9	95.8	104.1	112.2	120.1	127.8	135.2	142.2	149.8	157.8
77.5°	106.2	117.5	127.9	137.4	147.7	160.1	172.0	183.6	194.6	205.1	215.1
75°	135.2	148.2	162.4	176.5	191.2	206.1	220.5	234.4	247.9	261.8	275.7
72.5°	165.8	183.4	200.6	217.3	235.7	253.8	270.4	285.5	302.6	321.5	338.8
70°	198.2	218.6	240.2	261.6	282.5	302.6	323.2	343.9	364.8	385.1	404.5
67.5°	230.8	256.4	281.4	305.7	329.4	353.5	377.9	402.9	427.0	450.0	472.4
65°	265.6	294.1	322.1	349.3	375.7	405.1	434.0	461.9	492.4	520.7	545.2
62.5°	299.3	331.3	362.2	393.0	425.0	457.6	491.1	526.2	562.5	588.6	611.2
60°	331.8	367.9	402.3	437.6	473.3	510.1	548.7	586.0	619.2	647.8	671.5
57.5°	363.6	403.9	442.1	480.4	519.5	561.3	603.7	641.8	672.8	700.3	726.3
55°	394.3	439.0	479.6	520.3	564.8	613.9	657.2	691.7	723.3	746.1	771.0
52.5°	423.5	471.4	513.8	559.5	610.4	661.2	704.5	737.9	764.4	788.1	812.3
50°	451.4	499.6	546.7	598.7	652.4	703.5	747.2	777.9	804.6	829.1	852.5
47.5°	476.8	526.9	580.1	635.7	691.8	742.2	784.1	815.5	843.1	868.3	894.1
45°	500.7	554.5	611.1	671.9	729.5	779.4	817.5	851.2	877.8	906.2	938.4
42.5°	523.5	581.1	642.5	707.3	766.1	811.8	848.7	880.9	911.6	945.8	981.7
40°	546.0	605.9	672.3	740.4	800.3	839.9	876.9	911.1	946.5	985.2	1024.4
37.5°	566.9	631.3	700.2	771.3	825.5	866.6	904.8	943.0	982.7	1024.4	1073.0
35°	586.2	654.6	726.9	795.7	847.6	892.5	933.5	974.9	1019.3	1070.2	1123.9
32.5°	604.9	675.8	751.8	816.2	867.9	915.8	961.0	1007.8	1058.7	1114.7	1176.2
30°	623.3	696.6	773.6	837.2	885.9	934.9	988.0	1040.1	1096.7	1158.9	1231.0
27.5°	641.1	715.9	791.7	853.6	901.8	951.6	1008.5	1071.9	1133.7	1201.9	1285.4
25°	657.5	735.8	809.7	866.7	915.4	967.6	1027.0	1094.5	1167.2	1248.3	1350.6
22.5°	673.0	753.7	826.6	877.8	926.8	981.6	1045.5	1116.8	1195.9	1289.8	1414.9
20°	687.5	767.6	838.0	888.0	936.1	992.8	1061.4	1136.6	1226.9	1340.8	1490.2
17.5°	700.2	779.4	845.8	896.4	946.0	1004.3	1075.1	1153.3	1254.8	1385.7	1562.5
15°	711.0	789.1	852.6	902.8	954.4	1016.1	1089.0	1174.2	1285.4	1429.6	1625.0
12.5°	719.9	796.6	858.2	907.5	960.9	1024.9	1100.9	1194.5	1315.9	1477.6	1709.2
10°	726.8	802.1	862.7	910.4	965.5	1030.7	1110.2	1210.2	1340.6	1517.7	1781.3
7.5°	733.7	807.0	865.8	911.6	968.1	1033.5	1116.8	1221.3	1358.7	1547.8	1838.8
5°	738.6	811.5	867.7	914.3	969.8	1034.8	1121.2	1227.8	1370.0	1567.6	1879.4
2.5°	741.5	814.3	867.7	916.4	969.9	1035.4	1126.4	1231.4	1382.6	1584.4	1902.5
0°	742.4	815.2	866.1	917.1	968.0	1033.5	1128.2	1230.1	1390.2	1594.0	1907.0
-2.5°	741.5	814.3	867.7	916.4	969.9	1035.4	1126.4	1231.4	1382.6	1584.4	1902.5
-5°	738.6	811.5	867.7	914.3	969.8	1034.8	1121.2	1227.8	1370.0	1567.6	1879.4
-7.5°	733.7	807.0	865.8	911.6	968.1	1033.5	1116.8	1221.3	1358.7	1547.8	1838.8
-10°	726.8	802.1	862.7	910.4	965.5	1030.7	1110.2	1210.2	1340.6	1517.7	1781.3
-12.5°	719.9	796.6	858.2	907.5	960.9	1024.9	1100.9	1194.5	1315.9	1477.6	1709.2
-15°	711.0	789.1	852.6	902.8	954.4	1016.1	1089.0	1174.2	1285.4	1429.6	1625.0
-17.5°	700.2	779.4	845.8	896.4	946.0	1004.3	1075.1	1153.3	1254.8	1385.7	1562.5
-20°	687.5	767.6	838.0	888.0	936.1	992.8	1061.4	1136.6	1226.9	1340.8	1490.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	673.0	753.7	826.6	877.8	926.8	981.6	1045.5	1116.8	1195.9	1289.8	1414.9
-25°	657.5	735.8	809.7	866.7	915.4	967.6	1027.0	1094.5	1167.2	1248.3	1350.6
-27.5°	641.1	715.9	791.7	853.6	901.8	951.6	1008.5	1071.9	1133.7	1201.9	1285.4
-30°	623.3	696.6	773.6	837.2	885.9	934.9	988.0	1040.1	1096.7	1158.9	1231.0
-32.5°	604.9	675.8	751.8	816.2	867.9	915.8	961.0	1007.8	1058.7	1114.7	1176.2
-35°	586.2	654.6	726.9	795.7	847.6	892.5	933.5	974.9	1019.3	1070.2	1123.9
-37.5°	566.9	631.3	700.2	771.3	825.5	866.6	904.8	943.0	982.7	1024.4	1073.0
-40°	546.0	605.9	672.3	740.4	800.3	839.9	876.9	911.1	946.5	985.2	1024.4
-42.5°	523.5	581.1	642.5	707.3	766.1	811.8	848.7	880.9	911.6	945.8	981.7
-45°	500.7	554.5	611.1	671.9	729.5	779.4	817.5	851.2	877.8	906.2	938.4
-47.5°	476.8	526.9	580.1	635.7	691.8	742.2	784.1	815.5	843.1	868.3	894.1
-50°	451.4	499.6	546.7	598.7	652.4	703.5	747.2	777.9	804.6	829.1	852.5
-52.5°	423.5	471.4	513.8	559.5	610.4	661.2	704.5	737.9	764.4	788.1	812.3
-55°	394.3	439.0	479.6	520.3	564.8	613.9	657.2	691.7	723.3	746.1	771.0
-57.5°	363.6	403.9	442.1	480.4	519.5	561.3	603.7	641.8	672.8	700.3	726.3
-60°	331.8	367.9	402.3	437.6	473.3	510.1	548.7	586.0	619.2	647.8	671.5
-62.5°	299.3	331.3	362.2	393.0	425.0	457.6	491.1	526.2	562.5	588.6	611.2
-65°	265.6	294.1	322.1	349.3	375.7	405.1	434.0	461.9	492.4	520.7	545.2
-67.5°	230.8	256.4	281.4	305.7	329.4	353.5	377.9	402.9	427.0	450.0	472.4
-70°	198.2	218.6	240.2	261.6	282.5	302.6	323.2	343.9	364.8	385.1	404.5
-72.5°	165.8	183.4	200.6	217.3	235.7	253.8	270.4	285.5	302.6	321.5	338.8
-75°	135.2	148.2	162.4	176.5	191.2	206.1	220.5	234.4	247.9	261.8	275.7
-77.5°	106.2	117.5	127.9	137.4	147.7	160.1	172.0	183.6	194.6	205.1	215.1
-80°	78.0	86.9	95.8	104.1	112.2	120.1	127.8	135.2	142.2	149.8	157.8
-82.5°	51.3	58.0	64.5	70.9	77.0	82.9	88.7	94.2	99.5	104.5	109.3
-85°	26.8	29.1	33.4	37.6	41.7	45.7	49.5	53.2	56.7	60.0	63.2
-87.5°	13.4	14.5	15.6	16.7	17.7	18.7	19.7	20.6	21.5	22.3	23.1
-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: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-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°	23.8	24.5	25.2	25.8	26.4	26.9	27.3	27.8	28.1	28.4	28.7
85°	66.2	69.0	71.7	74.1	76.4	76.9	77.1	77.0	76.7	77.7	78.5
82.5°	113.8	119.0	124.1	129.2	134.2	136.1	137.4	138.4	139.0	140.9	142.6
80°	165.3	173.4	180.9	187.6	193.5	197.8	201.6	205.2	208.4	209.9	210.6
77.5°	225.2	235.0	244.1	252.6	260.4	266.6	271.6	275.6	278.7	280.8	282.1
75°	289.5	301.9	312.9	323.1	332.6	339.2	343.7	347.1	349.3	351.8	353.7
72.5°	354.5	368.6	381.7	394.0	404.8	412.4	417.8	422.1	425.3	427.7	429.0
70°	422.9	439.7	454.1	466.5	476.2	483.5	489.3	493.9	497.5	499.9	501.2
67.5°	493.6	511.7	525.2	536.0	544.8	552.5	559.6	564.9	568.4	571.9	575.6
65°	565.8	584.1	598.0	609.4	618.6	628.6	637.8	644.6	649.1	653.2	657.4
62.5°	633.6	654.4	670.4	685.4	700.5	714.9	723.2	729.6	734.1	738.2	743.0
60°	695.2	718.8	738.4	756.5	775.1	793.7	801.4	807.4	813.0	818.3	823.2
57.5°	749.9	774.9	798.8	816.8	834.5	851.9	863.9	870.5	874.9	877.3	879.4
55°	797.5	822.5	846.3	867.0	886.3	904.1	917.5	923.9	928.7	931.8	933.6
52.5°	840.2	866.9	892.4	915.3	936.1	955.3	972.0	980.9	988.1	993.2	994.9
50°	882.1	911.0	938.5	963.0	987.2	1010.3	1031.6	1043.8	1052.5	1057.8	1059.5
47.5°	925.8	957.2	987.0	1015.4	1042.9	1070.3	1095.4	1112.2	1124.7	1133.8	1140.4
45°	971.4	1005.1	1038.1	1071.7	1103.3	1138.5	1170.4	1194.9	1212.9	1228.6	1241.1
42.5°	1017.2	1055.1	1093.0	1136.3	1179.4	1219.5	1257.5	1289.9	1319.4	1348.4	1371.0
40°	1067.1	1108.6	1160.4	1211.7	1264.8	1311.5	1366.8	1416.4	1461.9	1511.0	1551.6
37.5°	1121.5	1174.9	1236.2	1297.7	1366.8	1433.9	1511.2	1587.3	1653.5	1739.5	1808.6
35°	1180.8	1248.5	1320.8	1403.4	1492.6	1597.8	1705.9	1832.8	1940.5	2077.2	2203.4
32.5°	1246.9	1326.5	1420.4	1533.9	1654.2	1823.2	1981.6	2196.7	2380.5	2617.7	2876.9
30°	1314.1	1416.9	1544.8	1691.3	1894.8	2134.6	2414.1	2777.7	3171.0	3577.9	4125.7
27.5°	1393.8	1527.3	1686.9	1913.2	2217.6	2549.5	3118.9	3733.8	4590.5	5268.6	6476.4
25°	1479.6	1644.8	1880.7	2208.6	2629.2	3300.9	4262.1	5375.2	7089.4	8614.0	10366.2
22.5°	1581.2	1805.7	2117.9	2547.3	3280.6	4436.2	5936.6	8222.4	10763.5	13271.4	15563.6
20°	1688.9	1960.0	2396.5	3095.9	4229.4	5900.2	8577.2	11843.5	15216.9	18653.9	21550.3
17.5°	1814.6	2182.7	2757.8	3686.7	5303.7	8164.4	11740.0	15893.3	20300.4	24686.2	28495.8
15°	1922.6	2377.4	3151.8	4543.2	6954.5	10532.6	14927.3	20172.7	25714.9	31406.6	37575.5
12.5°	2060.4	2612.0	3557.7	5251.3	8419.1	13069.9	18447.1	24537.2	31304.9	38862.2	48479.3
10°	2186.8	2858.1	4091.7	6385.8	10179.7	15440.0	21487.5	28396.9	37175.2	48531.9	60132.5
7.5°	2288.1	3053.3	4505.9	7271.1	11656.2	17464.8	24225.1	32509.1	43460.8	56984.0	70238.4
5°	2358.6	3188.5	4802.2	7940.0	12843.9	19012.2	26167.9	35540.5	48758.8	63902.4	77436.1
2.5°	2402.8	3262.6	4947.2	8337.2	13618.6	19943.4	27380.0	37467.1	52006.0	68306.6	82008.9
0°	2423.7	3275.3	4854.8	8530.4	13727.3	19877.6	27490.9	38110.3	52776.5	69502.5	83149.7
-2.5°	2402.8	3262.6	4947.2	8337.2	13618.6	19943.4	27380.0	37467.1	52006.0	68306.6	82008.9
-5°	2358.6	3188.5	4802.2	7940.0	12843.9	19012.2	26167.9	35540.5	48758.8	63902.4	77436.1
-7.5°	2288.1	3053.3	4505.9	7271.1	11656.2	17464.8	24225.1	32509.1	43460.8	56984.0	70238.4
-10°	2186.8	2858.1	4091.7	6385.8	10179.7	15440.0	21487.5	28396.9	37175.2	48531.9	60132.5
-12.5°	2060.4	2612.0	3557.7	5251.3	8419.1	13069.9	18447.1	24537.2	31304.9	38862.2	48479.3
-15°	1922.6	2377.4	3151.8	4543.2	6954.5	10532.6	14927.3	20172.7	25714.9	31406.6	37575.5
-17.5°	1814.6	2182.7	2757.8	3686.7	5303.7	8164.4	11740.0	15893.3	20300.4	24686.2	28495.8
-20°	1688.9	1960.0	2396.5	3095.9	4229.4	5900.2	8577.2	11843.5	15216.9	18653.9	21550.3

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1581.2	1805.7	2117.9	2547.3	3280.6	4436.2	5936.6	8222.4	10763.5	13271.4	15563.6
-25°	1479.6	1644.8	1880.7	2208.6	2629.2	3300.9	4262.1	5375.2	7089.4	8614.0	10366.2
-27.5°	1393.8	1527.3	1686.9	1913.2	2217.6	2549.5	3118.9	3733.8	4590.5	5268.6	6476.4
-30°	1314.1	1416.9	1544.8	1691.3	1894.8	2134.6	2414.1	2777.7	3171.0	3577.9	4125.7
-32.5°	1246.9	1326.5	1420.4	1533.9	1654.2	1823.2	1981.6	2196.7	2380.5	2617.7	2876.9
-35°	1180.8	1248.5	1320.8	1403.4	1492.6	1597.8	1705.9	1832.8	1940.5	2077.2	2203.4
-37.5°	1121.5	1174.9	1236.2	1297.7	1366.8	1433.9	1511.2	1587.3	1653.5	1739.5	1808.6
-40°	1067.1	1108.6	1160.4	1211.7	1264.8	1311.5	1366.8	1416.4	1461.9	1511.0	1551.6
-42.5°	1017.2	1055.1	1093.0	1136.3	1179.4	1219.5	1257.5	1289.9	1319.4	1348.4	1371.0
-45°	971.4	1005.1	1038.1	1071.7	1103.3	1138.5	1170.4	1194.9	1212.9	1228.6	1241.1
-47.5°	925.8	957.2	987.0	1015.4	1042.9	1070.3	1095.4	1112.2	1124.7	1133.8	1140.4
-50°	882.1	911.0	938.5	963.0	987.2	1010.3	1031.6	1043.8	1052.5	1057.8	1059.5
-52.5°	840.2	866.9	892.4	915.3	936.1	955.3	972.0	980.9	988.1	993.2	994.9
-55°	797.5	822.5	846.3	867.0	886.3	904.1	917.5	923.9	928.7	931.8	933.6
-57.5°	749.9	774.9	798.8	816.8	834.5	851.9	863.9	870.5	874.9	877.3	879.4
-60°	695.2	718.8	738.4	756.5	775.1	793.7	801.4	807.4	813.0	818.3	823.2
-62.5°	633.6	654.4	670.4	685.4	700.5	714.9	723.2	729.6	734.1	738.2	743.0
-65°	565.8	584.1	598.0	609.4	618.6	628.6	637.8	644.6	649.1	653.2	657.4
-67.5°	493.6	511.7	525.2	536.0	544.8	552.5	559.6	564.9	568.4	571.9	575.6
-70°	422.9	439.7	454.1	466.5	476.2	483.5	489.3	493.9	497.5	499.9	501.2
-72.5°	354.5	368.6	381.7	394.0	404.8	412.4	417.8	422.1	425.3	427.7	429.0
-75°	289.5	301.9	312.9	323.1	332.6	339.2	343.7	347.1	349.3	351.8	353.7
-77.5°	225.2	235.0	244.1	252.6	260.4	266.6	271.6	275.6	278.7	280.8	282.1
-80°	165.3	173.4	180.9	187.6	193.5	197.8	201.6	205.2	208.4	209.9	210.6
-82.5°	113.8	119.0	124.1	129.2	134.2	136.1	137.4	138.4	139.0	140.9	142.6
-85°	66.2	69.0	71.7	74.1	76.4	76.9	77.1	77.0	76.7	77.7	78.5
-87.5°	23.8	24.5	25.2	25.8	26.4	26.9	27.3	27.8	28.1	28.4	28.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	28.9	29.0	29.1	29.1	29.1	29.0	28.9	28.7	28.4	28.1	27.8
85°	79.2	79.7	80.0	80.1	80.0	79.7	79.2	78.5	77.7	76.7	77.0
82.5°	143.9	144.8	145.4	145.6	145.4	144.8	143.9	142.6	140.9	139.0	138.4
80°	210.7	210.1	210.8	211.1	210.8	210.1	210.7	210.6	209.9	208.4	205.2
77.5°	282.7	282.6	283.5	283.9	283.5	282.6	282.7	282.1	280.8	278.7	275.6
75°	354.8	355.0	356.2	356.6	356.2	355.0	354.8	353.7	351.8	349.3	347.1
72.5°	428.9	427.7	428.9	429.4	428.9	427.7	428.9	429.0	427.7	425.3	422.1
70°	501.4	500.4	505.0	509.5	505.0	500.4	501.4	501.2	499.9	497.5	493.9
67.5°	578.3	579.7	584.9	589.6	584.9	579.7	578.3	575.6	571.9	568.4	564.9
65°	659.5	659.8	664.8	669.6	664.8	659.8	659.5	657.4	653.2	649.1	644.6
62.5°	745.8	746.7	751.9	757.0	751.9	746.7	745.8	743.0	738.2	734.1	729.6
60°	826.0	826.9	828.8	829.8	828.8	826.9	826.0	823.2	818.3	813.0	807.4
57.5°	880.0	879.2	880.0	880.7	880.0	879.2	880.0	879.4	877.3	874.9	870.5
55°	933.3	930.8	928.1	924.4	928.1	930.8	933.3	933.6	931.8	928.7	923.9
52.5°	993.5	989.7	986.2	982.6	986.2	989.7	993.5	994.9	993.2	988.1	980.9
50°	1058.5	1055.0	1051.7	1048.1	1051.7	1055.0	1058.5	1059.5	1057.8	1052.5	1043.8
47.5°	1144.9	1146.4	1145.8	1142.7	1145.8	1146.4	1144.9	1140.4	1133.8	1124.7	1112.2
45°	1250.0	1254.2	1254.7	1251.9	1254.7	1254.2	1250.0	1241.1	1228.6	1212.9	1194.9
42.5°	1386.9	1396.2	1401.3	1404.8	1401.3	1396.2	1386.9	1371.0	1348.4	1319.4	1289.9
40°	1581.2	1600.0	1611.9	1623.1	1611.9	1600.0	1581.2	1551.6	1511.0	1461.9	1416.4
37.5°	1859.7	1893.8	1909.1	1899.7	1909.1	1893.8	1859.7	1808.6	1739.5	1653.5	1587.3
35°	2300.6	2365.4	2399.2	2401.9	2399.2	2365.4	2300.6	2203.4	2077.2	1940.5	1832.8
32.5°	3068.4	3201.1	3272.5	3282.6	3272.5	3201.1	3068.4	2876.9	2617.7	2380.5	2196.7
30°	4545.1	4815.9	4943.2	4913.0	4943.2	4815.9	4545.1	4125.7	3577.9	3171.0	2777.7
27.5°	7415.3	8090.9	8491.3	8523.1	8491.3	8090.9	7415.3	6476.4	5268.6	4590.5	3733.8
25°	11918.2	13071.5	13810.0	13821.9	13810.0	13071.5	11918.2	10366.2	8614.0	7089.4	5375.2
22.5°	17683.2	19257.5	20120.0	20270.6	20120.0	19257.5	17683.2	15563.6	13271.4	10763.5	8222.4
20°	24362.2	26456.5	27577.0	27578.3	27577.0	26456.5	24362.2	21550.3	18653.9	15216.9	11843.5
17.5°	32587.8	35988.3	38123.0	39041.9	38123.0	35988.3	32587.8	28495.8	24686.2	20300.4	15893.3
15°	43515.6	49230.0	52654.3	53271.4	52654.3	49230.0	43515.6	37575.5	31406.6	25714.9	20172.7
12.5°	56821.3	64053.2	68914.5	70696.2	68914.5	64053.2	56821.3	48479.3	38862.2	31304.9	24537.2
10°	70713.7	77414.4	82622.4	84372.5	82622.4	77414.4	70713.7	60132.5	48531.9	37175.2	28396.9
7.5°	80749.8	88740.2	94606.6	97182.7	94606.6	88740.2	80749.8	70238.4	56984.0	43460.8	32509.1
5°	88672.4	98126.9	103587.8	106011.5	103587.8	98126.9	88672.4	77436.1	63902.4	48758.8	35540.5
2.5°	93870.6	103212.5	108995.3	111230.2	108995.3	103212.5	93870.6	82008.9	68306.6	52006.0	37467.1
0°	95814.3	104948.8	110662.5	113391.9	110662.5	104948.8	95814.3	83149.7	69502.5	52776.5	38110.3
-2.5°	93870.6	103212.5	108995.3	111230.2	108995.3	103212.5	93870.6	82008.9	68306.6	52006.0	37467.1
-5°	88672.4	98126.9	103587.8	106011.5	103587.8	98126.9	88672.4	77436.1	63902.4	48758.8	35540.5
-7.5°	80749.8	88740.2	94606.6	97182.7	94606.6	88740.2	80749.8	70238.4	56984.0	43460.8	32509.1
-10°	70713.7	77414.4	82622.4	84372.5	82622.4	77414.4	70713.7	60132.5	48531.9	37175.2	28396.9
-12.5°	56821.3	64053.2	68914.5	70696.2	68914.5	64053.2	56821.3	48479.3	38862.2	31304.9	24537.2
-15°	43515.6	49230.0	52654.3	53271.4	52654.3	49230.0	43515.6	37575.5	31406.6	25714.9	20172.7
-17.5°	32587.8	35988.3	38123.0	39041.9	38123.0	35988.3	32587.8	28495.8	24686.2	20300.4	15893.3
-20°	24362.2	26456.5	27577.0	27578.3	27577.0	26456.5	24362.2	21550.3	18653.9	15216.9	11843.5



REPORT NUMBER: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	17683.2	19257.5	20120.0	20270.6	20120.0	19257.5	17683.2	15563.6	13271.4	10763.5	8222.4
-25°	11918.2	13071.5	13810.0	13821.9	13810.0	13071.5	11918.2	10366.2	8614.0	7089.4	5375.2
-27.5°	7415.3	8090.9	8491.3	8523.1	8491.3	8090.9	7415.3	6476.4	5268.6	4590.5	3733.8
-30°	4545.1	4815.9	4943.2	4913.0	4943.2	4815.9	4545.1	4125.7	3577.9	3171.0	2777.7
-32.5°	3068.4	3201.1	3272.5	3282.6	3272.5	3201.1	3068.4	2876.9	2617.7	2380.5	2196.7
-35°	2300.6	2365.4	2399.2	2401.9	2399.2	2365.4	2300.6	2203.4	2077.2	1940.5	1832.8
-37.5°	1859.7	1893.8	1909.1	1899.7	1909.1	1893.8	1859.7	1808.6	1739.5	1653.5	1587.3
-40°	1581.2	1600.0	1611.9	1623.1	1611.9	1600.0	1581.2	1551.6	1511.0	1461.9	1416.4
-42.5°	1386.9	1396.2	1401.3	1404.8	1401.3	1396.2	1386.9	1371.0	1348.4	1319.4	1289.9
-45°	1250.0	1254.2	1254.7	1251.9	1254.7	1254.2	1250.0	1241.1	1228.6	1212.9	1194.9
-47.5°	1144.9	1146.4	1145.8	1142.7	1145.8	1146.4	1144.9	1140.4	1133.8	1124.7	1112.2
-50°	1058.5	1055.0	1051.7	1048.1	1051.7	1055.0	1058.5	1059.5	1057.8	1052.5	1043.8
-52.5°	993.5	989.7	986.2	982.6	986.2	989.7	993.5	994.9	993.2	988.1	980.9
-55°	933.3	930.8	928.1	924.4	928.1	930.8	933.3	933.6	931.8	928.7	923.9
-57.5°	880.0	879.2	880.0	880.7	880.0	879.2	880.0	879.4	877.3	874.9	870.5
-60°	826.0	826.9	828.8	829.8	828.8	826.9	826.0	823.2	818.3	813.0	807.4
-62.5°	745.8	746.7	751.9	757.0	751.9	746.7	745.8	743.0	738.2	734.1	729.6
-65°	659.5	659.8	664.8	669.6	664.8	659.8	659.5	657.4	653.2	649.1	644.6
-67.5°	578.3	579.7	584.9	589.6	584.9	579.7	578.3	575.6	571.9	568.4	564.9
-70°	501.4	500.4	505.0	509.5	505.0	500.4	501.4	501.2	499.9	497.5	493.9
-72.5°	428.9	427.7	428.9	429.4	428.9	427.7	428.9	429.0	427.7	425.3	422.1
-75°	354.8	355.0	356.2	356.6	356.2	355.0	354.8	353.7	351.8	349.3	347.1
-77.5°	282.7	282.6	283.5	283.9	283.5	282.6	282.7	282.1	280.8	278.7	275.6
-80°	210.7	210.1	210.8	211.1	210.8	210.1	210.7	210.6	209.9	208.4	205.2
-82.5°	143.9	144.8	145.4	145.6	145.4	144.8	143.9	142.6	140.9	139.0	138.4
-85°	79.2	79.7	80.0	80.1	80.0	79.7	79.2	78.5	77.7	76.7	77.0
-87.5°	28.9	29.0	29.1	29.1	29.1	29.0	28.9	28.7	28.4	28.1	27.8
-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: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.3	26.9	26.4	25.8	25.2	24.5	23.8	23.1	22.3	21.5	20.6
85°	77.1	76.9	76.4	74.1	71.7	69.0	66.2	63.2	60.0	56.7	53.2
82.5°	137.4	136.1	134.2	129.2	124.1	119.0	113.8	109.3	104.5	99.5	94.2
80°	201.6	197.8	193.5	187.6	180.9	173.4	165.3	157.8	149.8	142.2	135.2
77.5°	271.6	266.6	260.4	252.6	244.1	235.0	225.2	215.1	205.1	194.6	183.6
75°	343.7	339.2	332.6	323.1	312.9	301.9	289.5	275.7	261.8	247.9	234.4
72.5°	417.8	412.4	404.8	394.0	381.7	368.6	354.5	338.8	321.5	302.6	285.5
70°	489.3	483.5	476.2	466.5	454.1	439.7	422.9	404.5	385.1	364.8	343.9
67.5°	559.6	552.5	544.8	536.0	525.2	511.7	493.6	472.4	450.0	427.0	402.9
65°	637.8	628.6	618.6	609.4	598.0	584.1	565.8	545.2	520.7	492.4	461.9
62.5°	723.2	714.9	700.5	685.4	670.4	654.4	633.6	611.2	588.6	562.5	526.2
60°	801.4	793.7	775.1	756.5	738.4	718.8	695.2	671.5	647.8	619.2	586.0
57.5°	863.9	851.9	834.5	816.8	798.8	774.9	749.9	726.3	700.3	672.8	641.8
55°	917.5	904.1	886.3	867.0	846.3	822.5	797.5	771.0	746.1	723.3	691.7
52.5°	972.0	955.3	936.1	915.3	892.4	866.9	840.2	812.3	788.1	764.4	737.9
50°	1031.6	1010.3	987.2	963.0	938.5	911.0	882.1	852.5	829.1	804.6	777.9
47.5°	1095.4	1070.3	1042.9	1015.4	987.0	957.2	925.8	894.1	868.3	843.1	815.5
45°	1170.4	1138.5	1103.3	1071.7	1038.1	1005.1	971.4	938.4	906.2	877.8	851.2
42.5°	1257.5	1219.5	1179.4	1136.3	1093.0	1055.1	1017.2	981.7	945.8	911.6	880.9
40°	1366.8	1311.5	1264.8	1211.7	1160.4	1108.6	1067.1	1024.4	985.2	946.5	911.1
37.5°	1511.2	1433.9	1366.8	1297.7	1236.2	1174.9	1121.5	1073.0	1024.4	982.7	943.0
35°	1705.9	1597.8	1492.6	1403.4	1320.8	1248.5	1180.8	1123.9	1070.2	1019.3	974.9
32.5°	1981.6	1823.2	1654.2	1533.9	1420.4	1326.5	1246.9	1176.2	1114.7	1058.7	1007.8
30°	2414.1	2134.6	1894.8	1691.3	1544.8	1416.9	1314.1	1231.0	1158.9	1096.7	1040.1
27.5°	3118.9	2549.5	2217.6	1913.2	1686.9	1527.3	1393.8	1285.4	1201.9	1133.7	1071.9
25°	4262.1	3300.9	2629.2	2208.6	1880.7	1644.8	1479.6	1350.6	1248.3	1167.2	1094.5
22.5°	5936.6	4436.2	3280.6	2547.3	2117.9	1805.7	1581.2	1414.9	1289.8	1195.9	1116.8
20°	8577.2	5900.2	4229.4	3095.9	2396.5	1960.0	1688.9	1490.2	1340.8	1226.9	1136.6
17.5°	11740.0	8164.4	5303.7	3686.7	2757.8	2182.7	1814.6	1562.5	1385.7	1254.8	1153.3
15°	14927.3	10532.6	6954.5	4543.2	3151.8	2377.4	1922.6	1625.0	1429.6	1285.4	1174.2
12.5°	18447.1	13069.9	8419.1	5251.3	3557.7	2612.0	2060.4	1709.2	1477.6	1315.9	1194.5
10°	21487.5	15440.0	10179.7	6385.8	4091.7	2858.1	2186.8	1781.3	1517.7	1340.6	1210.2
7.5°	24225.1	17464.8	11656.2	7271.1	4505.9	3053.3	2288.1	1838.8	1547.8	1358.7	1221.3
5°	26167.9	19012.2	12843.9	7940.0	4802.2	3188.5	2358.6	1879.4	1567.6	1370.0	1227.8
2.5°	27380.0	19943.4	13618.6	8337.2	4947.2	3262.6	2402.8	1902.5	1584.4	1382.6	1231.4
0°	27490.9	19877.6	13727.3	8530.4	4854.8	3275.3	2423.7	1907.0	1594.0	1390.2	1230.1
-2.5°	27380.0	19943.4	13618.6	8337.2	4947.2	3262.6	2402.8	1902.5	1584.4	1382.6	1231.4
-5°	26167.9	19012.2	12843.9	7940.0	4802.2	3188.5	2358.6	1879.4	1567.6	1370.0	1227.8
-7.5°	24225.1	17464.8	11656.2	7271.1	4505.9	3053.3	2288.1	1838.8	1547.8	1358.7	1221.3
-10°	21487.5	15440.0	10179.7	6385.8	4091.7	2858.1	2186.8	1781.3	1517.7	1340.6	1210.2
-12.5°	18447.1	13069.9	8419.1	5251.3	3557.7	2612.0	2060.4	1709.2	1477.6	1315.9	1194.5
-15°	14927.3	10532.6	6954.5	4543.2	3151.8	2377.4	1922.6	1625.0	1429.6	1285.4	1174.2
-17.5°	11740.0	8164.4	5303.7	3686.7	2757.8	2182.7	1814.6	1562.5	1385.7	1254.8	1153.3
-20°	8577.2	5900.2	4229.4	3095.9	2396.5	1960.0	1688.9	1490.2	1340.8	1226.9	1136.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5936.6	4436.2	3280.6	2547.3	2117.9	1805.7	1581.2	1414.9	1289.8	1195.9	1116.8
-25°	4262.1	3300.9	2629.2	2208.6	1880.7	1644.8	1479.6	1350.6	1248.3	1167.2	1094.5
-27.5°	3118.9	2549.5	2217.6	1913.2	1686.9	1527.3	1393.8	1285.4	1201.9	1133.7	1071.9
-30°	2414.1	2134.6	1894.8	1691.3	1544.8	1416.9	1314.1	1231.0	1158.9	1096.7	1040.1
-32.5°	1981.6	1823.2	1654.2	1533.9	1420.4	1326.5	1246.9	1176.2	1114.7	1058.7	1007.8
-35°	1705.9	1597.8	1492.6	1403.4	1320.8	1248.5	1180.8	1123.9	1070.2	1019.3	974.9
-37.5°	1511.2	1433.9	1366.8	1297.7	1236.2	1174.9	1121.5	1073.0	1024.4	982.7	943.0
-40°	1366.8	1311.5	1264.8	1211.7	1160.4	1108.6	1067.1	1024.4	985.2	946.5	911.1
-42.5°	1257.5	1219.5	1179.4	1136.3	1093.0	1055.1	1017.2	981.7	945.8	911.6	880.9
-45°	1170.4	1138.5	1103.3	1071.7	1038.1	1005.1	971.4	938.4	906.2	877.8	851.2
-47.5°	1095.4	1070.3	1042.9	1015.4	987.0	957.2	925.8	894.1	868.3	843.1	815.5
-50°	1031.6	1010.3	987.2	963.0	938.5	911.0	882.1	852.5	829.1	804.6	777.9
-52.5°	972.0	955.3	936.1	915.3	892.4	866.9	840.2	812.3	788.1	764.4	737.9
-55°	917.5	904.1	886.3	867.0	846.3	822.5	797.5	771.0	746.1	723.3	691.7
-57.5°	863.9	851.9	834.5	816.8	798.8	774.9	749.9	726.3	700.3	672.8	641.8
-60°	801.4	793.7	775.1	756.5	738.4	718.8	695.2	671.5	647.8	619.2	586.0
-62.5°	723.2	714.9	700.5	685.4	670.4	654.4	633.6	611.2	588.6	562.5	526.2
-65°	637.8	628.6	618.6	609.4	598.0	584.1	565.8	545.2	520.7	492.4	461.9
-67.5°	559.6	552.5	544.8	536.0	525.2	511.7	493.6	472.4	450.0	427.0	402.9
-70°	489.3	483.5	476.2	466.5	454.1	439.7	422.9	404.5	385.1	364.8	343.9
-72.5°	417.8	412.4	404.8	394.0	381.7	368.6	354.5	338.8	321.5	302.6	285.5
-75°	343.7	339.2	332.6	323.1	312.9	301.9	289.5	275.7	261.8	247.9	234.4
-77.5°	271.6	266.6	260.4	252.6	244.1	235.0	225.2	215.1	205.1	194.6	183.6
-80°	201.6	197.8	193.5	187.6	180.9	173.4	165.3	157.8	149.8	142.2	135.2
-82.5°	137.4	136.1	134.2	129.2	124.1	119.0	113.8	109.3	104.5	99.5	94.2
-85°	77.1	76.9	76.4	74.1	71.7	69.0	66.2	63.2	60.0	56.7	53.2
-87.5°	27.3	26.9	26.4	25.8	25.2	24.5	23.8	23.1	22.3	21.5	20.6
-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: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.7	18.7	17.7	16.7	15.6	14.5	13.4	12.3	11.1	9.9	8.7
85°	49.5	45.7	41.7	37.6	33.4	29.1	26.8	24.6	22.2	19.9	17.5
82.5°	88.7	82.9	77.0	70.9	64.5	58.0	51.3	44.5	37.3	30.4	26.2
80°	127.8	120.1	112.2	104.1	95.8	86.9	78.0	68.7	58.5	48.8	39.5
77.5°	172.0	160.1	147.7	137.4	127.9	117.5	106.2	93.4	79.6	67.0	55.0
75°	220.5	206.1	191.2	176.5	162.4	148.2	135.2	120.3	102.9	85.3	70.3
72.5°	270.4	253.8	235.7	217.3	200.6	183.4	165.8	146.9	126.9	106.7	86.3
70°	323.2	302.6	282.5	261.6	240.2	218.6	198.2	175.4	150.7	127.9	104.8
67.5°	377.9	353.5	329.4	305.7	281.4	256.4	230.8	204.2	176.7	148.8	123.1
65°	434.0	405.1	375.7	349.3	322.1	294.1	265.6	233.2	202.2	171.6	141.1
62.5°	491.1	457.6	425.0	393.0	362.2	331.3	299.3	263.0	227.6	193.9	160.1
60°	548.7	510.1	473.3	437.6	402.3	367.9	331.8	291.9	253.2	215.7	179.2
57.5°	603.7	561.3	519.5	480.4	442.1	403.9	363.6	320.6	278.1	237.4	197.9
55°	657.2	613.9	564.8	520.3	479.6	439.0	394.3	348.7	302.3	258.4	216.0
52.5°	704.5	661.2	610.4	559.5	513.8	471.4	423.5	376.0	326.9	278.5	233.6
50°	747.2	703.5	652.4	598.7	546.7	499.6	451.4	401.2	350.7	298.4	250.7
47.5°	784.1	742.2	691.8	635.7	580.1	526.9	476.8	425.1	373.6	318.7	267.1
45°	817.5	779.4	729.5	671.9	611.1	554.5	500.7	447.7	393.8	338.4	282.9
42.5°	848.7	811.8	766.1	707.3	642.5	581.1	523.5	468.5	412.8	357.0	298.6
40°	876.9	839.9	800.3	740.4	672.3	605.9	546.0	488.1	430.7	374.0	313.9
37.5°	904.8	866.6	825.5	771.3	700.2	631.3	566.9	506.7	447.8	389.2	328.2
35°	933.5	892.5	847.6	795.7	726.9	654.6	586.2	524.2	464.0	403.5	341.6
32.5°	961.0	915.8	867.9	816.2	751.8	675.8	604.9	541.1	479.1	416.9	353.9
30°	988.0	934.9	885.9	837.2	773.6	696.6	623.3	556.8	493.2	429.3	365.1
27.5°	1008.5	951.6	901.8	853.6	791.7	715.9	641.1	571.3	506.1	440.7	375.1
25°	1027.0	967.6	915.4	866.7	809.7	735.8	657.5	584.6	517.9	451.1	384.1
22.5°	1045.5	981.6	926.8	877.8	826.6	753.7	673.0	597.9	528.6	460.5	392.2
20°	1061.4	992.8	936.1	888.0	838.0	767.6	687.5	609.7	538.0	468.8	399.5
17.5°	1075.1	1004.3	946.0	896.4	845.8	779.4	700.2	620.0	546.2	476.0	405.7
15°	1089.0	1016.1	954.4	902.8	852.6	789.1	711.0	628.8	553.2	482.1	411.5
12.5°	1100.9	1024.9	960.9	907.5	858.2	796.6	719.9	636.0	558.8	487.8	416.9
10°	1110.2	1030.7	965.5	910.4	862.7	802.1	726.8	642.7	565.6	493.0	421.4
7.5°	1116.8	1033.5	968.1	911.6	865.8	807.0	733.7	650.0	571.6	497.0	424.9
5°	1121.2	1034.8	969.8	914.3	867.7	811.5	738.6	655.7	576.5	499.9	427.4
2.5°	1126.4	1035.4	969.9	916.4	867.7	814.3	741.5	659.8	580.1	501.6	428.9
0°	1128.2	1033.5	968.0	917.1	866.1	815.2	742.4	662.3	582.3	502.2	429.4
-2.5°	1126.4	1035.4	969.9	916.4	867.7	814.3	741.5	659.8	580.1	501.6	428.9
-5°	1121.2	1034.8	969.8	914.3	867.7	811.5	738.6	655.7	576.5	499.9	427.4
-7.5°	1116.8	1033.5	968.1	911.6	865.8	807.0	733.7	650.0	571.6	497.0	424.9
-10°	1110.2	1030.7	965.5	910.4	862.7	802.1	726.8	642.7	565.6	493.0	421.4
-12.5°	1100.9	1024.9	960.9	907.5	858.2	796.6	719.9	636.0	558.8	487.8	416.9
-15°	1089.0	1016.1	954.4	902.8	852.6	789.1	711.0	628.8	553.2	482.1	411.5
-17.5°	1075.1	1004.3	946.0	896.4	845.8	779.4	700.2	620.0	546.2	476.0	405.7
-20°	1061.4	992.8	936.1	888.0	838.0	767.6	687.5	609.7	538.0	468.8	399.5



REPORT NUMBER: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-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°	1045.5	981.6	926.8	877.8	826.6	753.7	673.0	597.9	528.6	460.5	392.2
-25°	1027.0	967.6	915.4	866.7	809.7	735.8	657.5	584.6	517.9	451.1	384.1
-27.5°	1008.5	951.6	901.8	853.6	791.7	715.9	641.1	571.3	506.1	440.7	375.1
-30°	988.0	934.9	885.9	837.2	773.6	696.6	623.3	556.8	493.2	429.3	365.1
-32.5°	961.0	915.8	867.9	816.2	751.8	675.8	604.9	541.1	479.1	416.9	353.9
-35°	933.5	892.5	847.6	795.7	726.9	654.6	586.2	524.2	464.0	403.5	341.6
-37.5°	904.8	866.6	825.5	771.3	700.2	631.3	566.9	506.7	447.8	389.2	328.2
-40°	876.9	839.9	800.3	740.4	672.3	605.9	546.0	488.1	430.7	374.0	313.9
-42.5°	848.7	811.8	766.1	707.3	642.5	581.1	523.5	468.5	412.8	357.0	298.6
-45°	817.5	779.4	729.5	671.9	611.1	554.5	500.7	447.7	393.8	338.4	282.9
-47.5°	784.1	742.2	691.8	635.7	580.1	526.9	476.8	425.1	373.6	318.7	267.1
-50°	747.2	703.5	652.4	598.7	546.7	499.6	451.4	401.2	350.7	298.4	250.7
-52.5°	704.5	661.2	610.4	559.5	513.8	471.4	423.5	376.0	326.9	278.5	233.6
-55°	657.2	613.9	564.8	520.3	479.6	439.0	394.3	348.7	302.3	258.4	216.0
-57.5°	603.7	561.3	519.5	480.4	442.1	403.9	363.6	320.6	278.1	237.4	197.9
-60°	548.7	510.1	473.3	437.6	402.3	367.9	331.8	291.9	253.2	215.7	179.2
-62.5°	491.1	457.6	425.0	393.0	362.2	331.3	299.3	263.0	227.6	193.9	160.1
-65°	434.0	405.1	375.7	349.3	322.1	294.1	265.6	233.2	202.2	171.6	141.1
-67.5°	377.9	353.5	329.4	305.7	281.4	256.4	230.8	204.2	176.7	148.8	123.1
-70°	323.2	302.6	282.5	261.6	240.2	218.6	198.2	175.4	150.7	127.9	104.8
-72.5°	270.4	253.8	235.7	217.3	200.6	183.4	165.8	146.9	126.9	106.7	86.3
-75°	220.5	206.1	191.2	176.5	162.4	148.2	135.2	120.3	102.9	85.3	70.3
-77.5°	172.0	160.1	147.7	137.4	127.9	117.5	106.2	93.4	79.6	67.0	55.0
-80°	127.8	120.1	112.2	104.1	95.8	86.9	78.0	68.7	58.5	48.8	39.5
-82.5°	88.7	82.9	77.0	70.9	64.5	58.0	51.3	44.5	37.3	30.4	26.2
-85°	49.5	45.7	41.7	37.6	33.4	29.1	26.8	24.6	22.2	19.9	17.5
-87.5°	19.7	18.7	17.7	16.7	15.6	14.5	13.4	12.3	11.1	9.9	8.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	6.3	5.1	3.8	2.5	1.3	0.0
85°	15.0	12.6	10.1	7.6	5.1	2.5	0.0
82.5°	22.5	18.8	15.1	11.4	7.6	3.8	0.0
80°	30.6	25.1	20.1	15.1	10.1	5.1	0.0
77.5°	43.6	32.9	25.1	18.8	12.6	6.3	0.0
75°	56.5	43.6	30.6	22.5	15.0	7.5	0.0
72.5°	69.2	54.2	39.2	26.2	17.5	8.7	0.0
70°	82.2	64.7	47.6	30.3	19.9	9.9	0.0
67.5°	98.0	75.0	55.8	36.5	22.2	11.1	0.0
65°	113.6	86.6	64.0	42.6	24.6	12.3	0.0
62.5°	128.9	99.4	71.9	48.6	26.8	13.4	0.0
60°	143.9	111.9	79.7	54.4	29.1	14.5	0.0
57.5°	159.6	124.1	89.4	60.1	32.9	15.6	0.0
55°	175.0	135.9	98.9	65.7	36.6	16.7	0.0
52.5°	189.8	147.6	108.1	71.1	40.1	17.7	0.0
50°	204.0	159.3	117.0	76.3	43.6	18.7	0.0
47.5°	217.7	170.5	125.6	81.6	47.0	19.7	0.0
45°	231.1	181.2	133.9	87.8	50.2	20.6	0.0
42.5°	244.1	191.4	141.8	93.8	53.3	21.5	0.0
40°	256.4	201.0	149.4	99.4	56.2	22.3	0.0
37.5°	268.0	210.0	156.7	104.6	59.0	23.1	0.0
35°	279.0	218.9	163.5	109.5	61.6	23.8	0.0
32.5°	289.5	227.5	169.9	114.0	64.1	24.5	0.0
30°	299.3	235.5	175.7	118.1	66.4	25.2	0.0
27.5°	308.3	242.8	181.0	121.8	68.6	25.8	0.0
25°	316.4	249.6	185.9	125.2	70.5	26.4	0.0
22.5°	323.7	255.7	190.5	128.2	72.3	26.9	0.0
20°	330.0	261.0	194.6	130.8	73.9	27.3	0.0
17.5°	335.8	265.5	198.3	133.0	75.4	27.8	0.0
15°	341.1	269.2	201.6	134.9	76.6	28.1	0.0
12.5°	345.7	272.2	204.4	136.4	77.7	28.4	0.0
10°	349.5	274.5	206.8	137.5	78.5	28.7	0.0
7.5°	352.6	276.1	208.7	138.2	79.2	28.9	0.0
5°	354.8	276.9	210.0	138.6	79.7	29.0	0.0
2.5°	356.1	277.1	210.8	138.6	80.0	29.1	0.0
0°	356.6	276.6	211.1	138.3	80.1	29.1	0.0
-2.5°	356.1	277.1	210.8	138.6	80.0	29.1	0.0
-5°	354.8	276.9	210.0	138.6	79.7	29.0	0.0
-7.5°	352.6	276.1	208.7	138.2	79.2	28.9	0.0
-10°	349.5	274.5	206.8	137.5	78.5	28.7	0.0
-12.5°	345.7	272.2	204.4	136.4	77.7	28.4	0.0
-15°	341.1	269.2	201.6	134.9	76.6	28.1	0.0
-17.5°	335.8	265.5	198.3	133.0	75.4	27.8	0.0
-20°	330.0	261.0	194.6	130.8	73.9	27.3	0.0

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Scaled Data Report



REPORT NUMBER: P627525 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	323.7	255.7	190.5	128.2	72.3	26.9	0.0
-25°	316.4	249.6	185.9	125.2	70.5	26.4	0.0
-27.5°	308.3	242.8	181.0	121.8	68.6	25.8	0.0
-30°	299.3	235.5	175.7	118.1	66.4	25.2	0.0
-32.5°	289.5	227.5	169.9	114.0	64.1	24.5	0.0
-35°	279.0	218.9	163.5	109.5	61.6	23.8	0.0
-37.5°	268.0	210.0	156.7	104.6	59.0	23.1	0.0
-40°	256.4	201.0	149.4	99.4	56.2	22.3	0.0
-42.5°	244.1	191.4	141.8	93.8	53.3	21.5	0.0
-45°	231.1	181.2	133.9	87.8	50.2	20.6	0.0
-47.5°	217.7	170.5	125.6	81.6	47.0	19.7	0.0
-50°	204.0	159.3	117.0	76.3	43.6	18.7	0.0
-52.5°	189.8	147.6	108.1	71.1	40.1	17.7	0.0
-55°	175.0	135.9	98.9	65.7	36.6	16.7	0.0
-57.5°	159.6	124.1	89.4	60.1	32.9	15.6	0.0
-60°	143.9	111.9	79.7	54.4	29.1	14.5	0.0
-62.5°	128.9	99.4	71.9	48.6	26.8	13.4	0.0
-65°	113.6	86.6	64.0	42.6	24.6	12.3	0.0
-67.5°	98.0	75.0	55.8	36.5	22.2	11.1	0.0
-70°	82.2	64.7	47.6	30.3	19.9	9.9	0.0
-72.5°	69.2	54.2	39.2	26.2	17.5	8.7	0.0
-75°	56.5	43.6	30.6	22.5	15.0	7.5	0.0
-77.5°	43.6	32.9	25.1	18.8	12.6	6.3	0.0
-80°	30.6	25.1	20.1	15.1	10.1	5.1	0.0
-82.5°	22.5	18.8	15.1	11.4	7.6	3.8	0.0
-85°	15.0	12.6	10.1	7.6	5.1	2.5	0.0
-87.5°	7.5	6.3	5.1	3.8	2.5	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)