

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: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-750-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N35
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

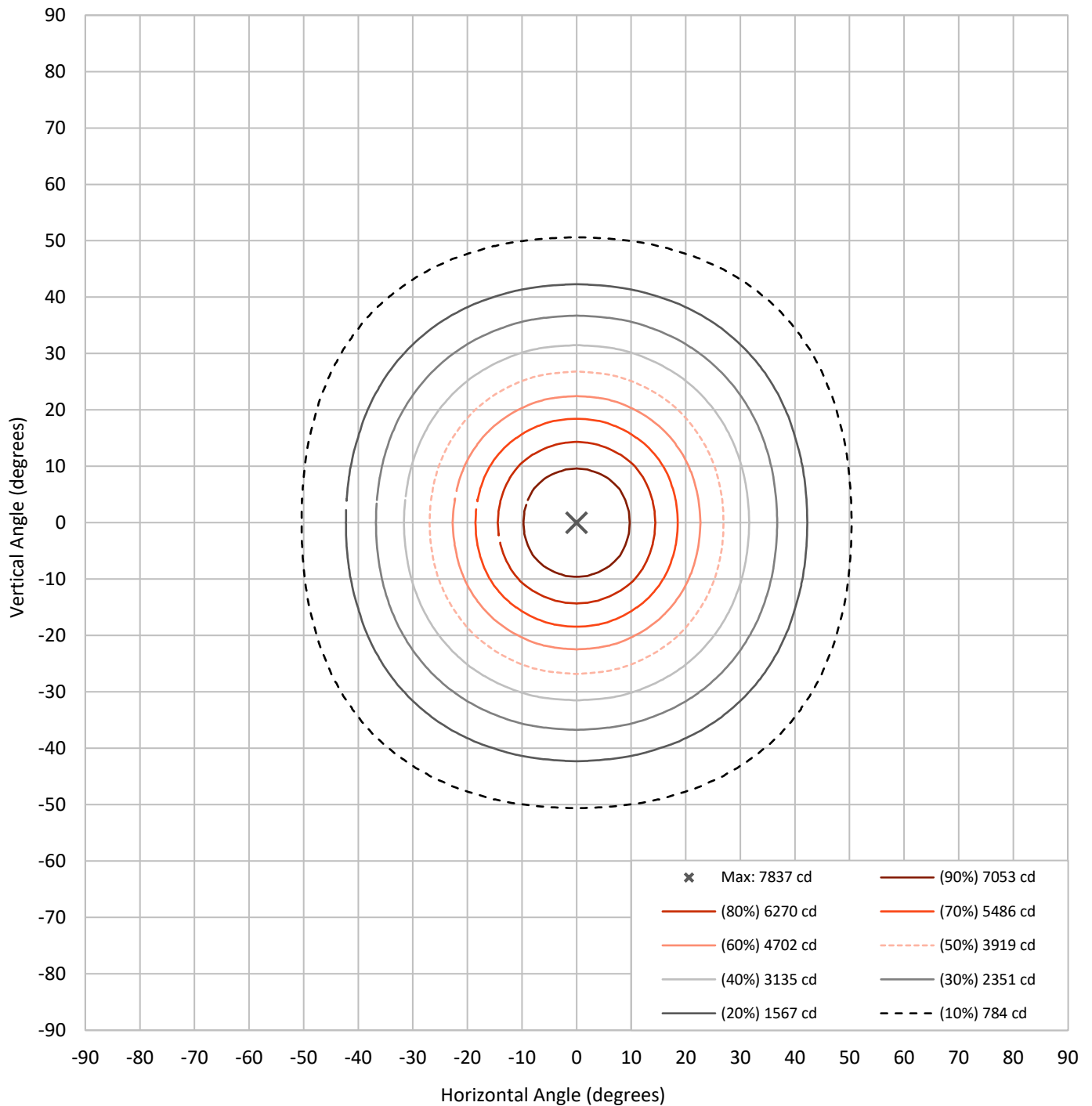
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7976.2 lumens	Max Intensity:	7837 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	3813.7 lumens	Field Lumens:	7039.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	66.2		
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





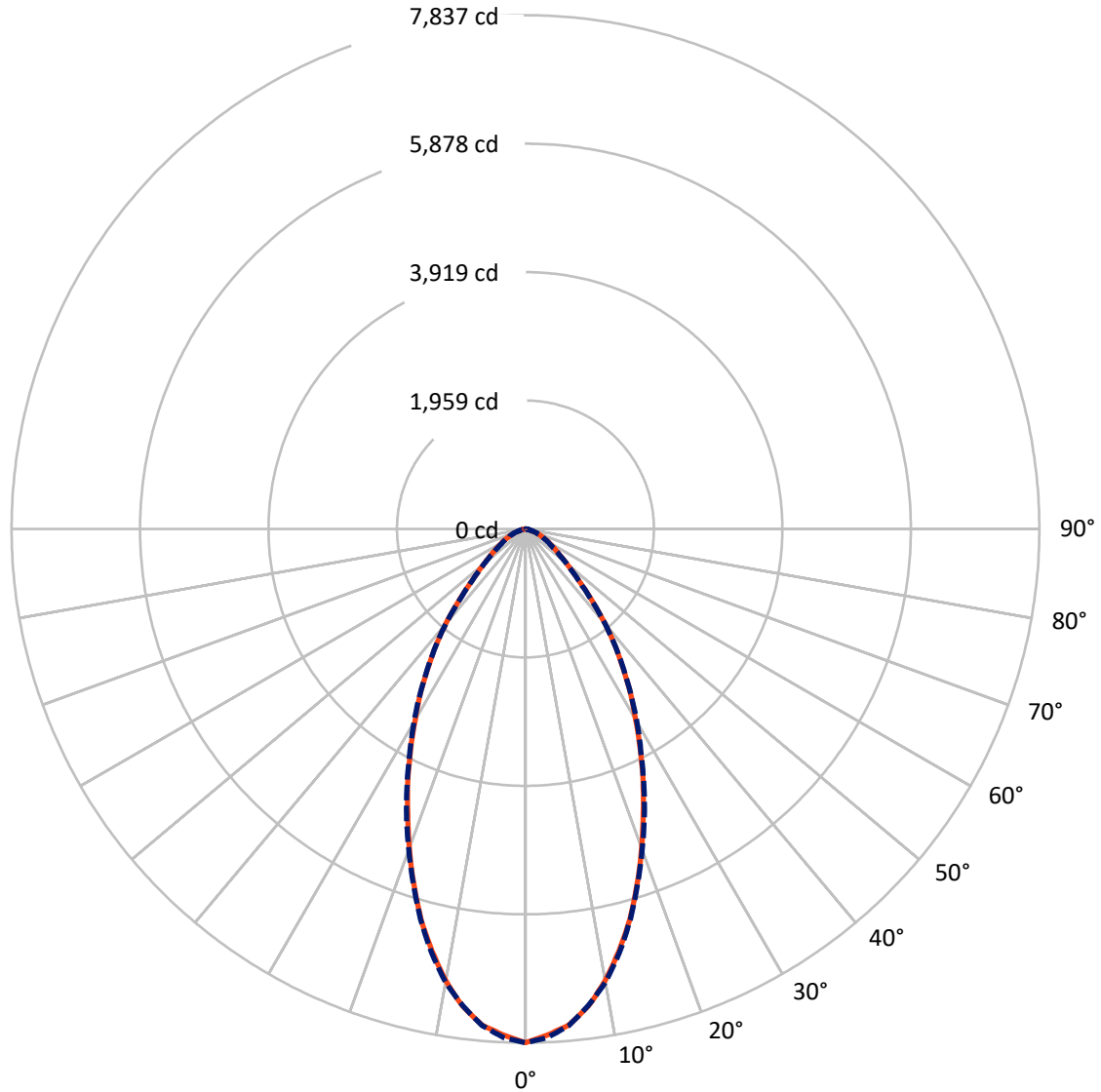
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Lumen Table

90																			
80	0.3	2.2		5.0		8.3		7.1		8.3		5.0		2.2		0.3			
70																			
60	1.0	1.2	2.3	3.7	5.3	6.9	8.1	8.7	8.7	8.1	6.9	5.3	3.7	2.3	1.2	1.0			
50		1.7	3.5	6.0	9.2	12.6	15.8	17.6	17.6	15.8	12.6	9.2	6.0	3.5	1.7				
40	1.5	2.2	4.8	8.9	15.1	23.2	31.9	37.8	37.8	31.9	23.2	15.1	8.9	4.8	2.2	1.5			
30		2.7	6.3	13.0	25.3	44.9	65.2	77.4	77.4	65.2	44.9	25.3	13.0	6.3	2.7				
20	1.8	3.1	7.8	18.2	40.9	73.5	105.1	125.7	125.7	105.1	73.5	40.9	18.2	7.8	3.1	1.8			
10		3.5	9.1	23.6	55.8	99.2	146.5	180.2	180.2	146.5	99.2	55.8	23.6	9.1	3.5				
0	1.9	3.6	9.9	27.1	64.2	115.3	175.5	220.7	220.7	175.5	115.3	64.2	27.1	9.9	3.6	1.9			
-10		3.6	9.9	27.1	64.2	115.3	175.5	220.7	220.7	175.5	115.3	64.2	27.1	9.9	3.6				
-20	1.8	3.5	9.1	23.6	55.8	99.2	146.5	180.2	180.2	146.5	99.2	55.8	23.6	9.1	3.5	1.8			
-30		3.1	7.8	18.2	40.9	73.5	105.1	125.7	125.7	105.1	73.5	40.9	18.2	7.8	3.1				
-40	1.5	2.7	6.3	13.0	25.3	44.9	65.2	77.4	77.4	65.2	44.9	25.3	13.0	6.3	2.7	1.5			
-50		2.2	4.8	8.9	15.1	23.2	31.9	37.8	37.8	31.9	23.2	15.1	8.9	4.8	2.2				
-60	1.0	1.7	3.5	6.0	9.2	12.6	15.8	17.6	17.6	15.8	12.6	9.2	6.0	3.5	1.7	1.0			
-70		1.2	2.3	3.7	5.3	6.9	8.1	8.7	8.7	8.1	6.9	5.3	3.7	2.3	1.2				
-80																			
-90	0.3	2.2		5.0		8.3		7.1		8.3		5.0		2.2		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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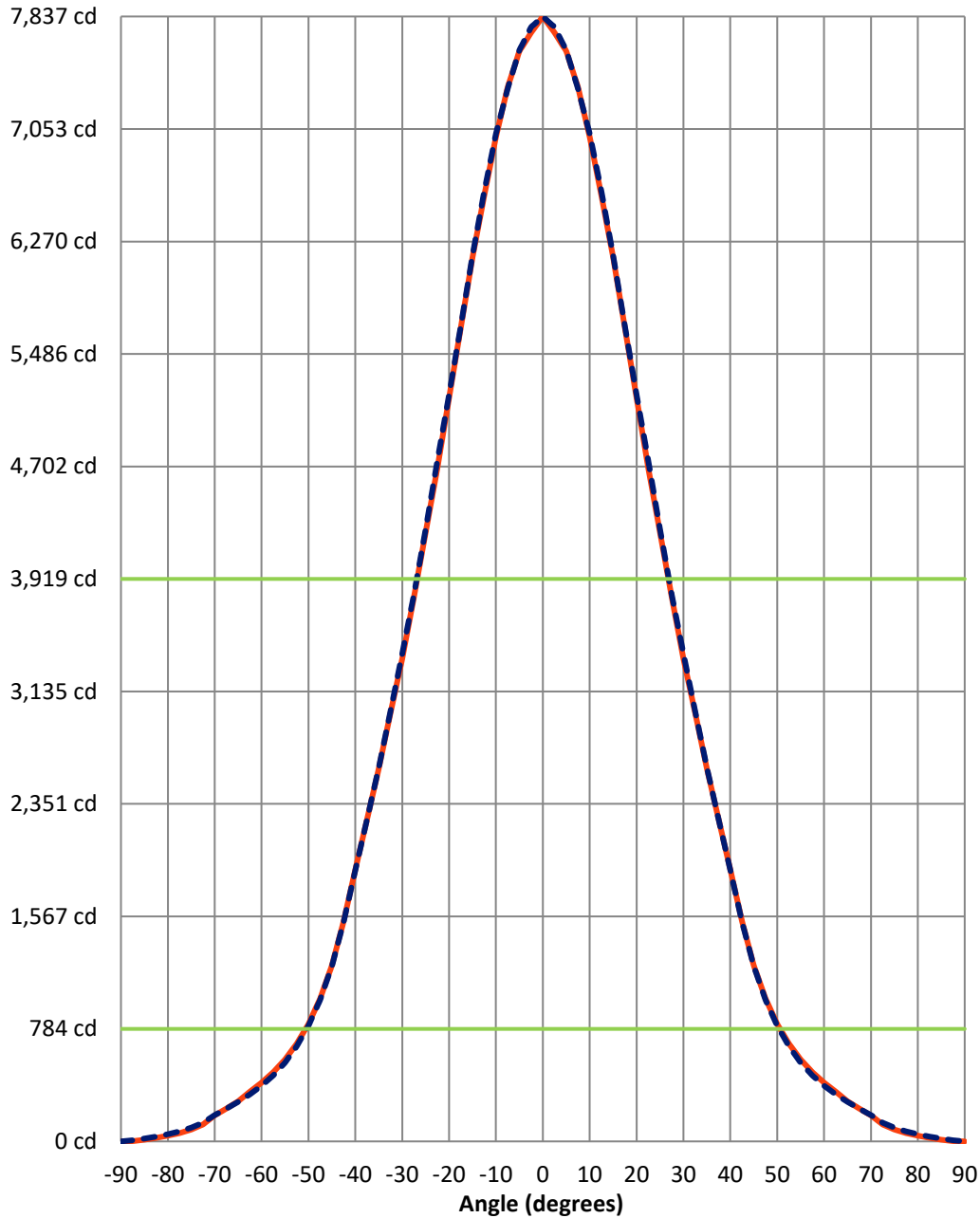
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 3813.7
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 7039.3
 Efficiency: 88.3%

Spill:
 Lumens: 936.9
 Efficiency: 11.7%

- 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	0.4	0.9	1.5	2.2	2.9	3.7	4.1	4.4	4.7	4.9
85°	0.0	0.8	1.8	3.0	4.3	5.8	7.4	8.2	8.9	9.4	9.8
82.5°	0.0	1.2	2.7	4.5	6.5	8.7	11.1	12.4	13.6	15.8	17.7
80°	0.0	1.6	3.6	5.9	8.6	11.5	15.1	18.8	21.9	24.8	27.3
77.5°	0.0	2.0	4.5	7.4	10.6	15.0	21.5	26.3	30.2	33.8	37.3
75°	0.0	2.4	5.4	8.8	12.9	19.6	27.8	33.8	38.5	43.4	48.5
72.5°	0.0	2.7	6.2	10.2	16.0	24.0	33.9	41.1	46.9	53.0	59.6
70°	0.0	3.1	7.1	11.7	19.0	28.3	39.6	48.1	55.1	62.5	71.3
67.5°	0.0	3.5	7.9	13.5	21.8	32.4	44.6	54.9	63.1	72.4	82.8
65°	0.0	3.8	8.7	15.2	24.5	36.2	49.4	61.6	71.1	81.8	93.8
62.5°	0.0	4.2	9.4	16.9	27.1	39.6	53.9	67.9	78.7	90.9	104.0
60°	0.0	4.5	10.1	18.4	29.5	42.9	58.1	73.9	85.9	99.7	113.9
57.5°	0.0	4.8	11.0	19.9	31.7	45.9	61.9	79.3	93.2	108.1	123.0
55°	0.0	5.1	11.9	21.2	33.8	48.6	65.4	83.6	100.4	116.3	131.7
52.5°	0.0	5.4	12.7	22.5	35.6	51.2	68.6	88.3	107.3	124.0	140.2
50°	0.0	5.7	13.5	23.6	37.4	53.5	71.5	92.7	113.9	131.6	149.6
47.5°	0.0	5.9	14.2	24.6	38.9	55.6	74.3	96.7	120.5	138.9	158.7
45°	0.0	6.2	14.9	25.6	40.3	57.5	77.3	100.2	125.2	146.9	167.6
42.5°	0.0	6.4	15.6	26.5	41.4	59.1	80.0	103.8	129.5	154.6	176.8
40°	0.0	6.6	16.2	27.4	42.5	60.4	82.4	107.2	133.8	161.7	185.7
37.5°	0.0	6.8	16.8	28.4	43.4	61.6	84.4	110.3	138.4	167.3	194.1
35°	0.0	7.0	17.3	29.3	44.2	62.8	86.1	113.1	142.9	173.5	202.7
32.5°	0.0	7.2	17.8	30.1	44.8	64.0	87.6	115.5	147.2	179.8	211.5
30°	0.0	7.3	18.3	30.9	45.2	64.9	89.4	117.8	151.2	186.1	219.8
27.5°	0.0	7.5	18.7	31.5	46.1	65.6	90.8	120.8	155.4	192.4	227.6
25°	0.0	7.6	19.0	32.1	47.1	66.0	91.9	123.4	160.1	198.7	234.9
22.5°	0.0	7.7	19.3	32.6	47.9	66.5	92.7	125.7	164.6	204.4	242.9
20°	0.0	7.8	19.6	33.0	48.6	67.7	93.1	127.6	168.8	209.6	250.0
17.5°	0.0	7.8	19.8	33.3	49.2	68.7	94.2	129.2	172.7	214.1	256.2
15°	0.0	7.9	19.9	33.5	49.6	69.5	95.4	130.7	176.1	218.0	261.6
12.5°	0.0	7.9	20.1	33.7	50.0	70.1	96.3	132.0	179.1	221.3	266.1
10°	0.0	7.9	20.1	33.8	50.2	70.4	96.9	132.7	181.4	224.0	269.7
7.5°	0.0	7.9	20.1	33.7	50.3	70.6	97.1	132.9	183.0	226.1	272.5
5°	0.0	7.9	20.1	33.6	50.3	70.5	97.0	132.5	183.9	227.5	274.4
2.5°	0.0	7.9	20.0	33.5	50.2	70.3	96.5	131.6	184.0	228.3	275.3
0°	0.0	7.8	19.9	33.2	49.9	69.8	95.8	130.2	183.3	228.2	275.3
-2.5°	0.0	7.9	20.0	33.5	50.2	70.3	96.5	131.6	184.0	228.3	275.3
-5°	0.0	7.9	20.1	33.6	50.3	70.5	97.0	132.5	183.9	227.5	274.4
-7.5°	0.0	7.9	20.1	33.7	50.3	70.6	97.1	132.9	183.0	226.1	272.5
-10°	0.0	7.9	20.1	33.8	50.2	70.4	96.9	132.7	181.4	224.0	269.7
-12.5°	0.0	7.9	20.1	33.7	50.0	70.1	96.3	132.0	179.1	221.3	266.1
-15°	0.0	7.9	19.9	33.5	49.6	69.5	95.4	130.7	176.1	218.0	261.6
-17.5°	0.0	7.8	19.8	33.3	49.2	68.7	94.2	129.2	172.7	214.1	256.2
-20°	0.0	7.8	19.6	33.0	48.6	67.7	93.1	127.6	168.8	209.6	250.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.7	19.3	32.6	47.9	66.5	92.7	125.7	164.6	204.4	242.9
-25°	0.0	7.6	19.0	32.1	47.1	66.0	91.9	123.4	160.1	198.7	234.9
-27.5°	0.0	7.5	18.7	31.5	46.1	65.6	90.8	120.8	155.4	192.4	227.6
-30°	0.0	7.3	18.3	30.9	45.2	64.9	89.4	117.8	151.2	186.1	219.8
-32.5°	0.0	7.2	17.8	30.1	44.8	64.0	87.6	115.5	147.2	179.8	211.5
-35°	0.0	7.0	17.3	29.3	44.2	62.8	86.1	113.1	142.9	173.5	202.7
-37.5°	0.0	6.8	16.8	28.4	43.4	61.6	84.4	110.3	138.4	167.3	194.1
-40°	0.0	6.6	16.2	27.4	42.5	60.4	82.4	107.2	133.8	161.7	185.7
-42.5°	0.0	6.4	15.6	26.5	41.4	59.1	80.0	103.8	129.5	154.6	176.8
-45°	0.0	6.2	14.9	25.6	40.3	57.5	77.3	100.2	125.2	146.9	167.6
-47.5°	0.0	5.9	14.2	24.6	38.9	55.6	74.3	96.7	120.5	138.9	158.7
-50°	0.0	5.7	13.5	23.6	37.4	53.5	71.5	92.7	113.9	131.6	149.6
-52.5°	0.0	5.4	12.7	22.5	35.6	51.2	68.6	88.3	107.3	124.0	140.2
-55°	0.0	5.1	11.9	21.2	33.8	48.6	65.4	83.6	100.4	116.3	131.7
-57.5°	0.0	4.8	11.0	19.9	31.7	45.9	61.9	79.3	93.2	108.1	123.0
-60°	0.0	4.5	10.1	18.4	29.5	42.9	58.1	73.9	85.9	99.7	113.9
-62.5°	0.0	4.2	9.4	16.9	27.1	39.6	53.9	67.9	78.7	90.9	104.0
-65°	0.0	3.8	8.7	15.2	24.5	36.2	49.4	61.6	71.1	81.8	93.8
-67.5°	0.0	3.5	7.9	13.5	21.8	32.4	44.6	54.9	63.1	72.4	82.8
-70°	0.0	3.1	7.1	11.7	19.0	28.3	39.6	48.1	55.1	62.5	71.3
-72.5°	0.0	2.7	6.2	10.2	16.0	24.0	33.9	41.1	46.9	53.0	59.6
-75°	0.0	2.4	5.4	8.8	12.9	19.6	27.8	33.8	38.5	43.4	48.5
-77.5°	0.0	2.0	4.5	7.4	10.6	15.0	21.5	26.3	30.2	33.8	37.3
-80°	0.0	1.6	3.6	5.9	8.6	11.5	15.1	18.8	21.9	24.8	27.3
-82.5°	0.0	1.2	2.7	4.5	6.5	8.7	11.1	12.4	13.6	15.8	17.7
-85°	0.0	0.8	1.8	3.0	4.3	5.8	7.4	8.2	8.9	9.4	9.8
-87.5°	0.0	0.4	0.9	1.5	2.2	2.9	3.7	4.1	4.4	4.7	4.9
-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°	5.0	5.0	4.9	4.8	4.6	4.3	3.9	3.5	3.7	3.8	4.0
85°	10.0	10.0	10.8	11.6	11.9	12.0	11.7	11.2	12.7	14.4	16.2
82.5°	19.5	21.2	22.8	24.3	24.5	24.1	23.3	22.4	25.4	29.0	32.7
80°	29.9	32.4	35.3	38.0	38.6	38.3	37.5	36.1	40.0	45.6	51.5
77.5°	41.5	45.4	49.1	52.5	53.5	53.4	52.7	51.6	56.6	64.2	72.2
75°	53.7	58.5	63.2	67.4	69.2	69.4	69.1	70.3	76.9	85.8	93.7
72.5°	66.5	72.5	77.9	82.5	85.4	87.6	90.5	94.1	100.7	109.4	117.2
70°	79.9	86.7	92.3	97.4	101.8	106.6	112.8	118.9	125.8	134.6	142.6
67.5°	93.2	100.1	106.4	112.7	120.7	128.4	136.1	144.0	152.7	162.0	170.1
65°	105.5	113.3	121.1	130.2	140.6	149.3	158.7	169.0	180.5	190.9	200.4
62.5°	117.3	126.1	135.8	146.8	158.1	168.9	181.5	194.8	208.2	221.2	234.1
60°	127.3	138.2	150.0	162.4	175.4	190.2	205.0	220.8	236.8	252.5	268.5
57.5°	136.9	150.4	163.9	178.4	194.6	211.6	229.3	247.1	266.3	285.2	303.4
55°	146.9	162.8	178.2	195.3	213.9	233.8	253.8	275.4	296.6	320.5	342.5
52.5°	157.6	174.9	192.9	212.5	234.2	256.6	280.2	304.9	331.3	357.8	384.7
50°	168.0	187.4	207.5	231.0	255.3	280.9	308.1	336.9	367.5	398.2	430.8
47.5°	178.8	199.6	224.1	249.6	277.4	306.6	337.4	371.6	405.7	444.4	481.8
45°	189.5	213.4	240.1	269.7	300.2	333.0	369.6	407.2	450.8	494.5	543.6
42.5°	199.8	227.4	257.4	289.1	323.8	361.5	402.0	449.3	498.4	552.5	610.1
40°	211.6	240.8	274.5	309.9	347.5	390.7	439.4	491.9	551.9	615.9	681.4
37.5°	223.1	255.8	291.4	329.7	373.4	422.1	475.9	540.3	609.4	682.2	771.3
35°	233.9	270.1	308.8	350.8	398.2	454.5	518.8	590.0	669.7	763.6	867.5
32.5°	245.3	283.6	325.2	372.4	426.0	487.5	560.6	644.3	738.6	845.6	975.6
30°	256.8	297.6	341.5	392.6	452.2	523.4	606.4	699.0	807.4	941.6	1094.2
27.5°	267.4	310.6	358.7	414.0	477.6	556.5	650.5	758.9	886.7	1038.4	1216.7
25°	277.1	322.4	374.6	434.3	505.8	592.2	694.1	814.2	966.1	1146.9	1366.2
22.5°	286.5	333.3	388.9	452.6	531.1	626.7	741.4	878.9	1046.8	1249.7	1512.8
20°	295.2	345.0	403.1	470.1	553.7	657.9	785.0	939.3	1130.4	1370.6	1656.5
17.5°	302.9	355.3	416.6	489.1	578.9	689.7	826.0	992.7	1204.7	1478.5	1789.0
15°	309.5	364.2	428.2	505.5	601.6	721.2	869.2	1051.2	1282.3	1576.7	1905.5
12.5°	315.0	371.7	437.9	519.3	620.7	747.9	906.0	1103.3	1357.9	1669.2	2007.7
10°	319.4	377.6	445.8	530.4	636.1	769.5	936.4	1145.9	1420.8	1748.4	2094.2
7.5°	323.0	382.3	451.8	538.9	647.7	786.1	960.0	1178.8	1470.0	1811.2	2160.5
5°	325.6	385.6	456.4	544.8	656.3	797.6	976.5	1201.8	1504.9	1856.7	2205.9
2.5°	327.0	387.4	459.1	548.0	661.5	804.2	985.2	1216.3	1524.1	1882.6	2233.3
0°	327.3	387.7	459.7	548.4	663.0	805.4	986.5	1220.8	1528.2	1889.3	2243.3
-2.5°	327.0	387.4	459.1	548.0	661.5	804.2	985.2	1216.3	1524.1	1882.6	2233.3
-5°	325.6	385.6	456.4	544.8	656.3	797.6	976.5	1201.8	1504.9	1856.7	2205.9
-7.5°	323.0	382.3	451.8	538.9	647.7	786.1	960.0	1178.8	1470.0	1811.2	2160.5
-10°	319.4	377.6	445.8	530.4	636.1	769.5	936.4	1145.9	1420.8	1748.4	2094.2
-12.5°	315.0	371.7	437.9	519.3	620.7	747.9	906.0	1103.3	1357.9	1669.2	2007.7
-15°	309.5	364.2	428.2	505.5	601.6	721.2	869.2	1051.2	1282.3	1576.7	1905.5
-17.5°	302.9	355.3	416.6	489.1	578.9	689.7	826.0	992.7	1204.7	1478.5	1789.0
-20°	295.2	345.0	403.1	470.1	553.7	657.9	785.0	939.3	1130.4	1370.6	1656.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	286.5	333.3	388.9	452.6	531.1	626.7	741.4	878.9	1046.8	1249.7	1512.8
-25°	277.1	322.4	374.6	434.3	505.8	592.2	694.1	814.2	966.1	1146.9	1366.2
-27.5°	267.4	310.6	358.7	414.0	477.6	556.5	650.5	758.9	886.7	1038.4	1216.7
-30°	256.8	297.6	341.5	392.6	452.2	523.4	606.4	699.0	807.4	941.6	1094.2
-32.5°	245.3	283.6	325.2	372.4	426.0	487.5	560.6	644.3	738.6	845.6	975.6
-35°	233.9	270.1	308.8	350.8	398.2	454.5	518.8	590.0	669.7	763.6	867.5
-37.5°	223.1	255.8	291.4	329.7	373.4	422.1	475.9	540.3	609.4	682.2	771.3
-40°	211.6	240.8	274.5	309.9	347.5	390.7	439.4	491.9	551.9	615.9	681.4
-42.5°	199.8	227.4	257.4	289.1	323.8	361.5	402.0	449.3	498.4	552.5	610.1
-45°	189.5	213.4	240.1	269.7	300.2	333.0	369.6	407.2	450.8	494.5	543.6
-47.5°	178.8	199.6	224.1	249.6	277.4	306.6	337.4	371.6	405.7	444.4	481.8
-50°	168.0	187.4	207.5	231.0	255.3	280.9	308.1	336.9	367.5	398.2	430.8
-52.5°	157.6	174.9	192.9	212.5	234.2	256.6	280.2	304.9	331.3	357.8	384.7
-55°	146.9	162.8	178.2	195.3	213.9	233.8	253.8	275.4	296.6	320.5	342.5
-57.5°	136.9	150.4	163.9	178.4	194.6	211.6	229.3	247.1	266.3	285.2	303.4
-60°	127.3	138.2	150.0	162.4	175.4	190.2	205.0	220.8	236.8	252.5	268.5
-62.5°	117.3	126.1	135.8	146.8	158.1	168.9	181.5	194.8	208.2	221.2	234.1
-65°	105.5	113.3	121.1	130.2	140.6	149.3	158.7	169.0	180.5	190.9	200.4
-67.5°	93.2	100.1	106.4	112.7	120.7	128.4	136.1	144.0	152.7	162.0	170.1
-70°	79.9	86.7	92.3	97.4	101.8	106.6	112.8	118.9	125.8	134.6	142.6
-72.5°	66.5	72.5	77.9	82.5	85.4	87.6	90.5	94.1	100.7	109.4	117.2
-75°	53.7	58.5	63.2	67.4	69.2	69.4	69.1	70.3	76.9	85.8	93.7
-77.5°	41.5	45.4	49.1	52.5	53.5	53.4	52.7	51.6	56.6	64.2	72.2
-80°	29.9	32.4	35.3	38.0	38.6	38.3	37.5	36.1	40.0	45.6	51.5
-82.5°	19.5	21.2	22.8	24.3	24.5	24.1	23.3	22.4	25.4	29.0	32.7
-85°	10.0	10.0	10.8	11.6	11.9	12.0	11.7	11.2	12.7	14.4	16.2
-87.5°	5.0	5.0	4.9	4.8	4.6	4.3	3.9	3.5	3.7	3.8	4.0
-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: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-WR-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°	4.1	4.0	3.9	3.7	3.5	3.5	3.4	3.3	3.2	3.0	2.7
85°	18.0	18.4	18.7	18.8	18.8	19.4	20.0	20.5	20.9	19.0	16.8
82.5°	36.6	38.4	39.9	41.4	42.9	43.9	44.7	45.2	45.6	41.2	36.4
80°	57.7	61.3	64.3	67.1	69.9	70.5	70.5	70.2	69.4	63.5	56.8
77.5°	80.2	84.9	88.7	92.4	96.0	97.4	98.0	98.5	98.9	91.6	82.5
75°	100.6	106.2	111.5	116.4	120.9	123.3	124.7	125.8	126.7	119.4	109.7
72.5°	123.9	129.9	135.6	141.0	145.7	148.9	151.0	152.7	154.0	149.8	143.8
70°	149.5	155.7	161.8	167.4	172.8	177.0	180.3	183.2	185.6	186.1	185.9
67.5°	178.0	185.3	192.4	198.5	204.9	210.9	216.2	220.6	224.1	226.5	227.7
65°	209.9	220.9	230.6	238.9	245.9	253.9	260.9	266.3	270.1	273.0	275.5
62.5°	247.5	260.8	272.0	283.0	294.4	305.4	312.4	319.3	326.1	332.5	337.9
60°	283.8	298.4	313.5	327.5	340.6	352.6	365.0	376.0	385.6	393.6	399.6
57.5°	322.4	340.1	357.3	375.2	392.0	407.7	423.0	437.2	449.4	459.6	468.0
55°	364.2	385.9	406.3	429.1	451.1	471.1	489.6	508.5	525.6	540.5	552.5
52.5°	409.4	437.6	464.7	491.3	519.8	545.6	568.6	594.8	618.1	637.3	652.3
50°	463.4	496.5	532.2	565.2	601.2	636.6	669.2	700.8	731.8	758.6	780.2
47.5°	524.8	565.5	609.7	653.5	698.2	746.6	789.8	829.9	873.2	910.7	940.9
45°	593.0	645.0	698.4	759.9	816.6	878.8	936.4	988.0	1049.4	1103.4	1146.9
42.5°	668.7	738.0	808.2	885.7	960.9	1039.9	1123.7	1198.1	1279.5	1357.0	1419.7
40°	762.6	845.4	939.4	1033.2	1141.2	1242.6	1364.8	1475.8	1576.6	1669.1	1744.8
37.5°	866.9	973.4	1091.6	1213.8	1361.5	1506.3	1649.3	1784.3	1903.5	2004.7	2089.6
35°	985.3	1120.7	1263.9	1442.2	1615.3	1788.7	1950.2	2097.7	2227.3	2341.5	2438.7
32.5°	1121.5	1284.1	1484.4	1684.8	1882.1	2073.1	2250.4	2411.3	2553.5	2681.7	2793.4
30°	1264.7	1486.5	1711.3	1931.1	2146.7	2355.8	2550.5	2727.7	2888.4	3031.1	3159.7
27.5°	1446.6	1692.4	1937.6	2174.6	2411.8	2640.6	2851.5	3048.5	3232.8	3394.1	3541.1
25°	1622.6	1894.2	2154.8	2413.2	2671.4	2917.0	3152.9	3375.4	3586.5	3771.6	3935.8
22.5°	1798.6	2082.8	2361.3	2639.1	2916.5	3190.4	3455.2	3710.0	3946.1	4157.0	4341.8
20°	1961.6	2258.7	2556.5	2856.0	3156.7	3456.5	3753.9	4040.7	4303.7	4547.1	4761.0
17.5°	2107.7	2423.6	2739.4	3059.8	3385.7	3711.2	4041.6	4363.1	4663.8	4940.7	5188.9
15°	2237.1	2566.8	2905.9	3251.6	3601.5	3955.1	4315.6	4675.3	5013.8	5328.4	5605.4
12.5°	2350.2	2693.0	3048.4	3415.7	3795.5	4180.7	4574.1	4968.4	5343.2	5706.3	6005.4
10°	2443.6	2800.3	3171.8	3557.8	3958.3	4372.8	4795.0	5219.3	5632.2	6017.4	6359.5
7.5°	2515.7	2885.8	3268.6	3670.0	4090.2	4527.3	4974.5	5424.9	5865.5	6280.6	6659.0
5°	2566.5	2948.0	3335.6	3753.2	4188.0	4640.9	5105.7	5575.1	6035.7	6472.1	6864.3
2.5°	2596.0	2985.3	3374.6	3803.7	4246.1	4709.7	5187.1	5664.1	6136.9	6589.6	6992.6
0°	2603.8	2996.5	3397.0	3809.1	4264.4	4741.9	5202.1	5680.7	6172.0	6618.4	7020.0
-2.5°	2596.0	2985.3	3374.6	3803.7	4246.1	4709.7	5187.1	5664.1	6136.9	6589.6	6992.6
-5°	2566.5	2948.0	3335.6	3753.2	4188.0	4640.9	5105.7	5575.1	6035.7	6472.1	6864.3
-7.5°	2515.7	2885.8	3268.6	3670.0	4090.2	4527.3	4974.5	5424.9	5865.5	6280.6	6659.0
-10°	2443.6	2800.3	3171.8	3557.8	3958.3	4372.8	4795.0	5219.3	5632.2	6017.4	6359.5
-12.5°	2350.2	2693.0	3048.4	3415.7	3795.5	4180.7	4574.1	4968.4	5343.2	5706.3	6005.4
-15°	2237.1	2566.8	2905.9	3251.6	3601.5	3955.1	4315.6	4675.3	5013.8	5328.4	5605.4
-17.5°	2107.7	2423.6	2739.4	3059.8	3385.7	3711.2	4041.6	4363.1	4663.8	4940.7	5188.9
-20°	1961.6	2258.7	2556.5	2856.0	3156.7	3456.5	3753.9	4040.7	4303.7	4547.1	4761.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1798.6	2082.8	2361.3	2639.1	2916.5	3190.4	3455.2	3710.0	3946.1	4157.0	4341.8
-25°	1622.6	1894.2	2154.8	2413.2	2671.4	2917.0	3152.9	3375.4	3586.5	3771.6	3935.8
-27.5°	1446.6	1692.4	1937.6	2174.6	2411.8	2640.6	2851.5	3048.5	3232.8	3394.1	3541.1
-30°	1264.7	1486.5	1711.3	1931.1	2146.7	2355.8	2550.5	2727.7	2888.4	3031.1	3159.7
-32.5°	1121.5	1284.1	1484.4	1684.8	1882.1	2073.1	2250.4	2411.3	2553.5	2681.7	2793.4
-35°	985.3	1120.7	1263.9	1442.2	1615.3	1788.7	1950.2	2097.7	2227.3	2341.5	2438.7
-37.5°	866.9	973.4	1091.6	1213.8	1361.5	1506.3	1649.3	1784.3	1903.5	2004.7	2089.6
-40°	762.6	845.4	939.4	1033.2	1141.2	1242.6	1364.8	1475.8	1576.6	1669.1	1744.8
-42.5°	668.7	738.0	808.2	885.7	960.9	1039.9	1123.7	1198.1	1279.5	1357.0	1419.7
-45°	593.0	645.0	698.4	759.9	816.6	878.8	936.4	988.0	1049.4	1103.4	1146.9
-47.5°	524.8	565.5	609.7	653.5	698.2	746.6	789.8	829.9	873.2	910.7	940.9
-50°	463.4	496.5	532.2	565.2	601.2	636.6	669.2	700.8	731.8	758.6	780.2
-52.5°	409.4	437.6	464.7	491.3	519.8	545.6	568.6	594.8	618.1	637.3	652.3
-55°	364.2	385.9	406.3	429.1	451.1	471.1	489.6	508.5	525.6	540.5	552.5
-57.5°	322.4	340.1	357.3	375.2	392.0	407.7	423.0	437.2	449.4	459.6	468.0
-60°	283.8	298.4	313.5	327.5	340.6	352.6	365.0	376.0	385.6	393.6	399.6
-62.5°	247.5	260.8	272.0	283.0	294.4	305.4	312.4	319.3	326.1	332.5	337.9
-65°	209.9	220.9	230.6	238.9	245.9	253.9	260.9	266.3	270.1	273.0	275.5
-67.5°	178.0	185.3	192.4	198.5	204.9	210.9	216.2	220.6	224.1	226.5	227.7
-70°	149.5	155.7	161.8	167.4	172.8	177.0	180.3	183.2	185.6	186.1	185.9
-72.5°	123.9	129.9	135.6	141.0	145.7	148.9	151.0	152.7	154.0	149.8	143.8
-75°	100.6	106.2	111.5	116.4	120.9	123.3	124.7	125.8	126.7	119.4	109.7
-77.5°	80.2	84.9	88.7	92.4	96.0	97.4	98.0	98.5	98.9	91.6	82.5
-80°	57.7	61.3	64.3	67.1	69.9	70.5	70.5	70.2	69.4	63.5	56.8
-82.5°	36.6	38.4	39.9	41.4	42.9	43.9	44.7	45.2	45.6	41.2	36.4
-85°	18.0	18.4	18.7	18.8	18.8	19.4	20.0	20.5	20.9	19.0	16.8
-87.5°	4.1	4.0	3.9	3.7	3.5	3.5	3.4	3.3	3.2	3.0	2.7
-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: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-WR-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°	2.5	2.2	1.9	1.7	1.9	2.2	2.5	2.7	3.0	3.2	3.3
85°	14.5	12.1	11.9	11.6	11.9	12.1	14.5	16.8	19.0	20.9	20.5
82.5°	31.3	25.9	25.2	24.4	25.2	25.9	31.3	36.4	41.2	45.6	45.2
80°	49.8	42.6	41.2	39.9	41.2	42.6	49.8	56.8	63.5	69.4	70.2
77.5°	73.1	63.2	60.3	57.6	60.3	63.2	73.1	82.5	91.6	98.9	98.5
75°	99.7	89.3	85.8	82.5	85.8	89.3	99.7	109.7	119.4	126.7	125.8
72.5°	137.7	131.3	125.0	118.0	125.0	131.3	137.7	143.8	149.8	154.0	152.7
70°	185.7	185.2	183.6	181.1	183.6	185.2	185.7	185.9	186.1	185.6	183.2
67.5°	228.3	228.1	228.7	228.8	228.7	228.1	228.3	227.7	226.5	224.1	220.6
65°	277.0	277.5	278.7	279.2	278.7	277.5	277.0	275.5	273.0	270.1	266.3
62.5°	342.1	344.9	346.3	346.2	346.3	344.9	342.1	337.9	332.5	326.1	319.3
60°	404.1	407.0	408.9	409.3	408.9	407.0	404.1	399.6	393.6	385.6	376.0
57.5°	474.7	479.5	482.0	482.4	482.0	479.5	474.7	468.0	459.6	449.4	437.2
55°	561.6	568.0	570.8	570.5	570.8	568.0	561.6	552.5	540.5	525.6	508.5
52.5°	663.6	671.4	677.2	680.7	677.2	671.4	663.6	652.3	637.3	618.1	594.8
50°	796.4	807.6	814.6	817.5	814.6	807.6	796.4	780.2	758.6	731.8	700.8
47.5°	962.6	977.4	988.3	995.9	988.3	977.4	962.6	940.9	910.7	873.2	829.9
45°	1179.1	1201.5	1216.8	1225.8	1216.8	1201.5	1179.1	1146.9	1103.4	1049.4	988.0
42.5°	1468.6	1503.6	1525.0	1533.2	1525.0	1503.6	1468.6	1419.7	1357.0	1279.5	1198.1
40°	1804.7	1846.7	1874.2	1893.2	1874.2	1846.7	1804.7	1744.8	1669.1	1576.6	1475.8
37.5°	2154.8	2198.8	2225.6	2243.8	2225.6	2198.8	2154.8	2089.6	2004.7	1903.5	1784.3
35°	2511.9	2558.0	2583.1	2597.2	2583.1	2558.0	2511.9	2438.7	2341.5	2227.3	2097.7
32.5°	2878.5	2929.3	2956.6	2984.9	2956.6	2929.3	2878.5	2793.4	2681.7	2553.5	2411.3
30°	3261.4	3319.7	3348.3	3362.1	3348.3	3319.7	3261.4	3159.7	3031.1	2888.4	2727.7
27.5°	3659.8	3732.5	3768.3	3791.9	3768.3	3732.5	3659.8	3541.1	3394.1	3232.8	3048.5
25°	4074.4	4164.5	4205.6	4242.2	4205.6	4164.5	4074.4	3935.8	3771.6	3586.5	3375.4
22.5°	4504.6	4616.8	4664.3	4690.3	4664.3	4616.8	4504.6	4341.8	4157.0	3946.1	3710.0
20°	4946.0	5080.0	5146.0	5180.0	5146.0	5080.0	4946.0	4761.0	4547.1	4303.7	4040.7
17.5°	5397.3	5564.0	5649.5	5669.1	5649.5	5564.0	5397.3	5188.9	4940.7	4663.8	4363.1
15°	5840.4	6020.7	6121.7	6158.7	6121.7	6020.7	5840.4	5605.4	5328.4	5013.8	4675.3
12.5°	6259.9	6446.9	6567.6	6589.1	6567.6	6446.9	6259.9	6005.4	5706.3	5343.2	4968.4
10°	6640.5	6834.2	6967.5	6997.8	6967.5	6834.2	6640.5	6359.5	6017.4	5632.2	5219.3
7.5°	6958.7	7171.2	7318.4	7344.0	7318.4	7171.2	6958.7	6659.0	6280.6	5865.5	5424.9
5°	7191.4	7443.8	7564.6	7594.9	7564.6	7443.8	7191.4	6864.3	6472.1	6035.7	5575.1
2.5°	7319.1	7576.0	7744.0	7724.6	7744.0	7576.0	7319.1	6992.6	6589.6	6136.9	5664.1
0°	7333.5	7602.1	7762.8	7837.0	7762.8	7602.1	7333.5	7020.0	6618.4	6172.0	5680.7
-2.5°	7319.1	7576.0	7744.0	7724.6	7744.0	7576.0	7319.1	6992.6	6589.6	6136.9	5664.1
-5°	7191.4	7443.8	7564.6	7594.9	7564.6	7443.8	7191.4	6864.3	6472.1	6035.7	5575.1
-7.5°	6958.7	7171.2	7318.4	7344.0	7318.4	7171.2	6958.7	6659.0	6280.6	5865.5	5424.9
-10°	6640.5	6834.2	6967.5	6997.8	6967.5	6834.2	6640.5	6359.5	6017.4	5632.2	5219.3
-12.5°	6259.9	6446.9	6567.6	6589.1	6567.6	6446.9	6259.9	6005.4	5706.3	5343.2	4968.4
-15°	5840.4	6020.7	6121.7	6158.7	6121.7	6020.7	5840.4	5605.4	5328.4	5013.8	4675.3
-17.5°	5397.3	5564.0	5649.5	5669.1	5649.5	5564.0	5397.3	5188.9	4940.7	4663.8	4363.1
-20°	4946.0	5080.0	5146.0	5180.0	5146.0	5080.0	4946.0	4761.0	4547.1	4303.7	4040.7



REPORT NUMBER: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4504.6	4616.8	4664.3	4690.3	4664.3	4616.8	4504.6	4341.8	4157.0	3946.1	3710.0
-25°	4074.4	4164.5	4205.6	4242.2	4205.6	4164.5	4074.4	3935.8	3771.6	3586.5	3375.4
-27.5°	3659.8	3732.5	3768.3	3791.9	3768.3	3732.5	3659.8	3541.1	3394.1	3232.8	3048.5
-30°	3261.4	3319.7	3348.3	3362.1	3348.3	3319.7	3261.4	3159.7	3031.1	2888.4	2727.7
-32.5°	2878.5	2929.3	2956.6	2984.9	2956.6	2929.3	2878.5	2793.4	2681.7	2553.5	2411.3
-35°	2511.9	2558.0	2583.1	2597.2	2583.1	2558.0	2511.9	2438.7	2341.5	2227.3	2097.7
-37.5°	2154.8	2198.8	2225.6	2243.8	2225.6	2198.8	2154.8	2089.6	2004.7	1903.5	1784.3
-40°	1804.7	1846.7	1874.2	1893.2	1874.2	1846.7	1804.7	1744.8	1669.1	1576.6	1475.8
-42.5°	1468.6	1503.6	1525.0	1533.2	1525.0	1503.6	1468.6	1419.7	1357.0	1279.5	1198.1
-45°	1179.1	1201.5	1216.8	1225.8	1216.8	1201.5	1179.1	1146.9	1103.4	1049.4	988.0
-47.5°	962.6	977.4	988.3	995.9	988.3	977.4	962.6	940.9	910.7	873.2	829.9
-50°	796.4	807.6	814.6	817.5	814.6	807.6	796.4	780.2	758.6	731.8	700.8
-52.5°	663.6	671.4	677.2	680.7	677.2	671.4	663.6	652.3	637.3	618.1	594.8
-55°	561.6	568.0	570.8	570.5	570.8	568.0	561.6	552.5	540.5	525.6	508.5
-57.5°	474.7	479.5	482.0	482.4	482.0	479.5	474.7	468.0	459.6	449.4	437.2
-60°	404.1	407.0	408.9	409.3	408.9	407.0	404.1	399.6	393.6	385.6	376.0
-62.5°	342.1	344.9	346.3	346.2	346.3	344.9	342.1	337.9	332.5	326.1	319.3
-65°	277.0	277.5	278.7	279.2	278.7	277.5	277.0	275.5	273.0	270.1	266.3
-67.5°	228.3	228.1	228.7	228.8	228.7	228.1	228.3	227.7	226.5	224.1	220.6
-70°	185.7	185.2	183.6	181.1	183.6	185.2	185.7	185.9	186.1	185.6	183.2
-72.5°	137.7	131.3	125.0	118.0	125.0	131.3	137.7	143.8	149.8	154.0	152.7
-75°	99.7	89.3	85.8	82.5	85.8	89.3	99.7	109.7	119.4	126.7	125.8
-77.5°	73.1	63.2	60.3	57.6	60.3	63.2	73.1	82.5	91.6	98.9	98.5
-80°	49.8	42.6	41.2	39.9	41.2	42.6	49.8	56.8	63.5	69.4	70.2
-82.5°	31.3	25.9	25.2	24.4	25.2	25.9	31.3	36.4	41.2	45.6	45.2
-85°	14.5	12.1	11.9	11.6	11.9	12.1	14.5	16.8	19.0	20.9	20.5
-87.5°	2.5	2.2	1.9	1.7	1.9	2.2	2.5	2.7	3.0	3.2	3.3
-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: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-WR-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°	3.4	3.5	3.5	3.7	3.9	4.0	4.1	4.0	3.8	3.7	3.5
85°	20.0	19.4	18.8	18.8	18.7	18.4	18.0	16.2	14.4	12.7	11.2
82.5°	44.7	43.9	42.9	41.4	39.9	38.4	36.6	32.7	29.0	25.4	22.4
80°	70.5	70.5	69.9	67.1	64.3	61.3	57.7	51.5	45.6	40.0	36.1
77.5°	98.0	97.4	96.0	92.4	88.7	84.9	80.2	72.2	64.2	56.6	51.6
75°	124.7	123.3	120.9	116.4	111.5	106.2	100.6	93.7	85.8	76.9	70.3
72.5°	151.0	148.9	145.7	141.0	135.6	129.9	123.9	117.2	109.4	100.7	94.1
70°	180.3	177.0	172.8	167.4	161.8	155.7	149.5	142.6	134.6	125.8	118.9
67.5°	216.2	210.9	204.9	198.5	192.4	185.3	178.0	170.1	162.0	152.7	144.0
65°	260.9	253.9	245.9	238.9	230.6	220.9	209.9	200.4	190.9	180.5	169.0
62.5°	312.4	305.4	294.4	283.0	272.0	260.8	247.5	234.1	221.2	208.2	194.8
60°	365.0	352.6	340.6	327.5	313.5	298.4	283.8	268.5	252.5	236.8	220.8
57.5°	423.0	407.7	392.0	375.2	357.3	340.1	322.4	303.4	285.2	266.3	247.1
55°	489.6	471.1	451.1	429.1	406.3	385.9	364.2	342.5	320.5	296.6	275.4
52.5°	568.6	545.6	519.8	491.3	464.7	437.6	409.4	384.7	357.8	331.3	304.9
50°	669.2	636.6	601.2	565.2	532.2	496.5	463.4	430.8	398.2	367.5	336.9
47.5°	789.8	746.6	698.2	653.5	609.7	565.5	524.8	481.8	444.4	405.7	371.6
45°	936.4	878.8	816.6	759.9	698.4	645.0	593.0	543.6	494.5	450.8	407.2
42.5°	1123.7	1039.9	960.9	885.7	808.2	738.0	668.7	610.1	552.5	498.4	449.3
40°	1364.8	1242.6	1141.2	1033.2	939.4	845.4	762.6	681.4	615.9	551.9	491.9
37.5°	1649.3	1506.3	1361.5	1213.8	1091.6	973.4	866.9	771.3	682.2	609.4	540.3
35°	1950.2	1788.7	1615.3	1442.2	1263.9	1120.7	985.3	867.5	763.6	669.7	590.0
32.5°	2250.4	2073.1	1882.1	1684.8	1484.4	1284.1	1121.5	975.6	845.6	738.6	644.3
30°	2550.5	2355.8	2146.7	1931.1	1711.3	1486.5	1264.7	1094.2	941.6	807.4	699.0
27.5°	2851.5	2640.6	2411.8	2174.6	1937.6	1692.4	1446.6	1216.7	1038.4	886.7	758.9
25°	3152.9	2917.0	2671.4	2413.2	2154.8	1894.2	1622.6	1366.2	1146.9	966.1	814.2
22.5°	3455.2	3190.4	2916.5	2639.1	2361.3	2082.8	1798.6	1512.8	1249.7	1046.8	878.9
20°	3753.9	3456.5	3156.7	2856.0	2556.5	2258.7	1961.6	1656.5	1370.6	1130.4	939.3
17.5°	4041.6	3711.2	3385.7	3059.8	2739.4	2423.6	2107.7	1789.0	1478.5	1204.7	992.7
15°	4315.6	3955.1	3601.5	3251.6	2905.9	2566.8	2237.1	1905.5	1576.7	1282.3	1051.2
12.5°	4574.1	4180.7	3795.5	3415.7	3048.4	2693.0	2350.2	2007.7	1669.2	1357.9	1103.3
10°	4795.0	4372.8	3958.3	3557.8	3171.8	2800.3	2443.6	2094.2	1748.4	1420.8	1145.9
7.5°	4974.5	4527.3	4090.2	3670.0	3268.6	2885.8	2515.7	2160.5	1811.2	1470.0	1178.8
5°	5105.7	4640.9	4188.0	3753.2	3335.6	2948.0	2566.5	2205.9	1856.7	1504.9	1201.8
2.5°	5187.1	4709.7	4246.1	3803.7	3374.6	2985.3	2596.0	2233.3	1882.6	1524.1	1216.3
0°	5202.1	4741.9	4264.4	3809.1	3397.0	2996.5	2603.8	2243.3	1889.3	1528.2	1220.8
-2.5°	5187.1	4709.7	4246.1	3803.7	3374.6	2985.3	2596.0	2233.3	1882.6	1524.1	1216.3
-5°	5105.7	4640.9	4188.0	3753.2	3335.6	2948.0	2566.5	2205.9	1856.7	1504.9	1201.8
-7.5°	4974.5	4527.3	4090.2	3670.0	3268.6	2885.8	2515.7	2160.5	1811.2	1470.0	1178.8
-10°	4795.0	4372.8	3958.3	3557.8	3171.8	2800.3	2443.6	2094.2	1748.4	1420.8	1145.9
-12.5°	4574.1	4180.7	3795.5	3415.7	3048.4	2693.0	2350.2	2007.7	1669.2	1357.9	1103.3
-15°	4315.6	3955.1	3601.5	3251.6	2905.9	2566.8	2237.1	1905.5	1576.7	1282.3	1051.2
-17.5°	4041.6	3711.2	3385.7	3059.8	2739.4	2423.6	2107.7	1789.0	1478.5	1204.7	992.7
-20°	3753.9	3456.5	3156.7	2856.0	2556.5	2258.7	1961.6	1656.5	1370.6	1130.4	939.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3455.2	3190.4	2916.5	2639.1	2361.3	2082.8	1798.6	1512.8	1249.7	1046.8	878.9
-25°	3152.9	2917.0	2671.4	2413.2	2154.8	1894.2	1622.6	1366.2	1146.9	966.1	814.2
-27.5°	2851.5	2640.6	2411.8	2174.6	1937.6	1692.4	1446.6	1216.7	1038.4	886.7	758.9
-30°	2550.5	2355.8	2146.7	1931.1	1711.3	1486.5	1264.7	1094.2	941.6	807.4	699.0
-32.5°	2250.4	2073.1	1882.1	1684.8	1484.4	1284.1	1121.5	975.6	845.6	738.6	644.3
-35°	1950.2	1788.7	1615.3	1442.2	1263.9	1120.7	985.3	867.5	763.6	669.7	590.0
-37.5°	1649.3	1506.3	1361.5	1213.8	1091.6	973.4	866.9	771.3	682.2	609.4	540.3
-40°	1364.8	1242.6	1141.2	1033.2	939.4	845.4	762.6	681.4	615.9	551.9	491.9
-42.5°	1123.7	1039.9	960.9	885.7	808.2	738.0	668.7	610.1	552.5	498.4	449.3
-45°	936.4	878.8	816.6	759.9	698.4	645.0	593.0	543.6	494.5	450.8	407.2
-47.5°	789.8	746.6	698.2	653.5	609.7	565.5	524.8	481.8	444.4	405.7	371.6
-50°	669.2	636.6	601.2	565.2	532.2	496.5	463.4	430.8	398.2	367.5	336.9
-52.5°	568.6	545.6	519.8	491.3	464.7	437.6	409.4	384.7	357.8	331.3	304.9
-55°	489.6	471.1	451.1	429.1	406.3	385.9	364.2	342.5	320.5	296.6	275.4
-57.5°	423.0	407.7	392.0	375.2	357.3	340.1	322.4	303.4	285.2	266.3	247.1
-60°	365.0	352.6	340.6	327.5	313.5	298.4	283.8	268.5	252.5	236.8	220.8
-62.5°	312.4	305.4	294.4	283.0	272.0	260.8	247.5	234.1	221.2	208.2	194.8
-65°	260.9	253.9	245.9	238.9	230.6	220.9	209.9	200.4	190.9	180.5	169.0
-67.5°	216.2	210.9	204.9	198.5	192.4	185.3	178.0	170.1	162.0	152.7	144.0
-70°	180.3	177.0	172.8	167.4	161.8	155.7	149.5	142.6	134.6	125.8	118.9
-72.5°	151.0	148.9	145.7	141.0	135.6	129.9	123.9	117.2	109.4	100.7	94.1
-75°	124.7	123.3	120.9	116.4	111.5	106.2	100.6	93.7	85.8	76.9	70.3
-77.5°	98.0	97.4	96.0	92.4	88.7	84.9	80.2	72.2	64.2	56.6	51.6
-80°	70.5	70.5	69.9	67.1	64.3	61.3	57.7	51.5	45.6	40.0	36.1
-82.5°	44.7	43.9	42.9	41.4	39.9	38.4	36.6	32.7	29.0	25.4	22.4
-85°	20.0	19.4	18.8	18.8	18.7	18.4	18.0	16.2	14.4	12.7	11.2
-87.5°	3.4	3.5	3.5	3.7	3.9	4.0	4.1	4.0	3.8	3.7	3.5
-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: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-WR-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°	3.9	4.3	4.6	4.8	4.9	5.0	5.0	4.9	4.7	4.4	4.1
85°	11.7	12.0	11.9	11.6	10.8	10.0	10.0	9.8	9.4	8.9	8.2
82.5°	23.3	24.1	24.5	24.3	22.8	21.2	19.5	17.7	15.8	13.6	12.4
80°	37.5	38.3	38.6	38.0	35.3	32.4	29.9	27.3	24.8	21.9	18.8
77.5°	52.7	53.4	53.5	52.5	49.1	45.4	41.5	37.3	33.8	30.2	26.3
75°	69.1	69.4	69.2	67.4	63.2	58.5	53.7	48.5	43.4	38.5	33.8
72.5°	90.5	87.6	85.4	82.5	77.9	72.5	66.5	59.6	53.0	46.9	41.1
70°	112.8	106.6	101.8	97.4	92.3	86.7	79.9	71.3	62.5	55.1	48.1
67.5°	136.1	128.4	120.7	112.7	106.4	100.1	93.2	82.8	72.4	63.1	54.9
65°	158.7	149.3	140.6	130.2	121.1	113.3	105.5	93.8	81.8	71.1	61.6
62.5°	181.5	168.9	158.1	146.8	135.8	126.1	117.3	104.0	90.9	78.7	67.9
60°	205.0	190.2	175.4	162.4	150.0	138.2	127.3	113.9	99.7	85.9	73.9
57.5°	229.3	211.6	194.6	178.4	163.9	150.4	136.9	123.0	108.1	93.2	79.3
55°	253.8	233.8	213.9	195.3	178.2	162.8	146.9	131.7	116.3	100.4	83.6
52.5°	280.2	256.6	234.2	212.5	192.9	174.9	157.6	140.2	124.0	107.3	88.3
50°	308.1	280.9	255.3	231.0	207.5	187.4	168.0	149.6	131.6	113.9	92.7
47.5°	337.4	306.6	277.4	249.6	224.1	199.6	178.8	158.7	138.9	120.5	96.7
45°	369.6	333.0	300.2	269.7	240.1	213.4	189.5	167.6	146.9	125.2	100.2
42.5°	402.0	361.5	323.8	289.1	257.4	227.4	199.8	176.8	154.6	129.5	103.8
40°	439.4	390.7	347.5	309.9	274.5	240.8	211.6	185.7	161.7	133.8	107.2
37.5°	475.9	422.1	373.4	329.7	291.4	255.8	223.1	194.1	167.3	138.4	110.3
35°	518.8	454.5	398.2	350.8	308.8	270.1	233.9	202.7	173.5	142.9	113.1
32.5°	560.6	487.5	426.0	372.4	325.2	283.6	245.3	211.5	179.8	147.2	115.5
30°	606.4	523.4	452.2	392.6	341.5	297.6	256.8	219.8	186.1	151.2	117.8
27.5°	650.5	556.5	477.6	414.0	358.7	310.6	267.4	227.6	192.4	155.4	120.8
25°	694.1	592.2	505.8	434.3	374.6	322.4	277.1	234.9	198.7	160.1	123.4
22.5°	741.4	626.7	531.1	452.6	388.9	333.3	286.5	242.9	204.4	164.6	125.7
20°	785.0	657.9	553.7	470.1	403.1	345.0	295.2	250.0	209.6	168.8	127.6
17.5°	826.0	689.7	578.9	489.1	416.6	355.3	302.9	256.2	214.1	172.7	129.2
15°	869.2	721.2	601.6	505.5	428.2	364.2	309.5	261.6	218.0	176.1	130.7
12.5°	906.0	747.9	620.7	519.3	437.9	371.7	315.0	266.1	221.3	179.1	132.0
10°	936.4	769.5	636.1	530.4	445.8	377.6	319.4	269.7	224.0	181.4	132.7
7.5°	960.0	786.1	647.7	538.9	451.8	382.3	323.0	272.5	226.1	183.0	132.9
5°	976.5	797.6	656.3	544.8	456.4	385.6	325.6	274.4	227.5	183.9	132.5
2.5°	985.2	804.2	661.5	548.0	459.1	387.4	327.0	275.3	228.3	184.0	131.6
0°	986.5	805.4	663.0	548.4	459.7	387.7	327.3	275.3	228.2	183.3	130.2
-2.5°	985.2	804.2	661.5	548.0	459.1	387.4	327.0	275.3	228.3	184.0	131.6
-5°	976.5	797.6	656.3	544.8	456.4	385.6	325.6	274.4	227.5	183.9	132.5
-7.5°	960.0	786.1	647.7	538.9	451.8	382.3	323.0	272.5	226.1	183.0	132.9
-10°	936.4	769.5	636.1	530.4	445.8	377.6	319.4	269.7	224.0	181.4	132.7
-12.5°	906.0	747.9	620.7	519.3	437.9	371.7	315.0	266.1	221.3	179.1	132.0
-15°	869.2	721.2	601.6	505.5	428.2	364.2	309.5	261.6	218.0	176.1	130.7
-17.5°	826.0	689.7	578.9	489.1	416.6	355.3	302.9	256.2	214.1	172.7	129.2
-20°	785.0	657.9	553.7	470.1	403.1	345.0	295.2	250.0	209.6	168.8	127.6

Classified

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



REPORT NUMBER: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	741.4	626.7	531.1	452.6	388.9	333.3	286.5	242.9	204.4	164.6	125.7
-25°	694.1	592.2	505.8	434.3	374.6	322.4	277.1	234.9	198.7	160.1	123.4
-27.5°	650.5	556.5	477.6	414.0	358.7	310.6	267.4	227.6	192.4	155.4	120.8
-30°	606.4	523.4	452.2	392.6	341.5	297.6	256.8	219.8	186.1	151.2	117.8
-32.5°	560.6	487.5	426.0	372.4	325.2	283.6	245.3	211.5	179.8	147.2	115.5
-35°	518.8	454.5	398.2	350.8	308.8	270.1	233.9	202.7	173.5	142.9	113.1
-37.5°	475.9	422.1	373.4	329.7	291.4	255.8	223.1	194.1	167.3	138.4	110.3
-40°	439.4	390.7	347.5	309.9	274.5	240.8	211.6	185.7	161.7	133.8	107.2
-42.5°	402.0	361.5	323.8	289.1	257.4	227.4	199.8	176.8	154.6	129.5	103.8
-45°	369.6	333.0	300.2	269.7	240.1	213.4	189.5	167.6	146.9	125.2	100.2
-47.5°	337.4	306.6	277.4	249.6	224.1	199.6	178.8	158.7	138.9	120.5	96.7
-50°	308.1	280.9	255.3	231.0	207.5	187.4	168.0	149.6	131.6	113.9	92.7
-52.5°	280.2	256.6	234.2	212.5	192.9	174.9	157.6	140.2	124.0	107.3	88.3
-55°	253.8	233.8	213.9	195.3	178.2	162.8	146.9	131.7	116.3	100.4	83.6
-57.5°	229.3	211.6	194.6	178.4	163.9	150.4	136.9	123.0	108.1	93.2	79.3
-60°	205.0	190.2	175.4	162.4	150.0	138.2	127.3	113.9	99.7	85.9	73.9
-62.5°	181.5	168.9	158.1	146.8	135.8	126.1	117.3	104.0	90.9	78.7	67.9
-65°	158.7	149.3	140.6	130.2	121.1	113.3	105.5	93.8	81.8	71.1	61.6
-67.5°	136.1	128.4	120.7	112.7	106.4	100.1	93.2	82.8	72.4	63.1	54.9
-70°	112.8	106.6	101.8	97.4	92.3	86.7	79.9	71.3	62.5	55.1	48.1
-72.5°	90.5	87.6	85.4	82.5	77.9	72.5	66.5	59.6	53.0	46.9	41.1
-75°	69.1	69.4	69.2	67.4	63.2	58.5	53.7	48.5	43.4	38.5	33.8
-77.5°	52.7	53.4	53.5	52.5	49.1	45.4	41.5	37.3	33.8	30.2	26.3
-80°	37.5	38.3	38.6	38.0	35.3	32.4	29.9	27.3	24.8	21.9	18.8
-82.5°	23.3	24.1	24.5	24.3	22.8	21.2	19.5	17.7	15.8	13.6	12.4
-85°	11.7	12.0	11.9	11.6	10.8	10.0	10.0	9.8	9.4	8.9	8.2
-87.5°	3.9	4.3	4.6	4.8	4.9	5.0	5.0	4.9	4.7	4.4	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626823 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-WR-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°	3.7	2.9	2.2	1.5	0.9	0.4	0.0
85°	7.4	5.8	4.3	3.0	1.8	0.8	0.0
82.5°	11.1	8.7	6.5	4.5	2.7	1.2	0.0
80°	15.1	11.5	8.6	5.9	3.6	1.6	0.0
77.5°	21.5	15.0	10.6	7.4	4.5	2.0	0.0
75°	27.8	19.6	12.9	8.8	5.4	2.4	0.0
72.5°	33.9	24.0	16.0	10.2	6.2	2.7	0.0
70°	39.6	28.3	19.0	11.7	7.1	3.1	0.0
67.5°	44.6	32.4	21.8	13.5	7.9	3.5	0.0
65°	49.4	36.2	24.5	15.2	8.7	3.8	0.0
62.5°	53.9	39.6	27.1	16.9	9.4	4.2	0.0
60°	58.1	42.9	29.5	18.4	10.1	4.5	0.0
57.5°	61.9	45.9	31.7	19.9	11.0	4.8	0.0
55°	65.4	48.6	33.8	21.2	11.9	5.1	0.0
52.5°	68.6	51.2	35.6	22.5	12.7	5.4	0.0
50°	71.5	53.5	37.4	23.6	13.5	5.7	0.0
47.5°	74.3	55.6	38.9	24.6	14.2	5.9	0.0
45°	77.3	57.5	40.3	25.6	14.9	6.2	0.0
42.5°	80.0	59.1	41.4	26.5	15.6	6.4	0.0
40°	82.4	60.4	42.5	27.4	16.2	6.6	0.0
37.5°	84.4	61.6	43.4	28.4	16.8	6.8	0.0
35°	86.1	62.8	44.2	29.3	17.3	7.0	0.0
32.5°	87.6	64.0	44.8	30.1	17.8	7.2	0.0
30°	89.4	64.9	45.2	30.9	18.3	7.3	0.0
27.5°	90.8	65.6	46.1	31.5	18.7	7.5	0.0
25°	91.9	66.0	47.1	32.1	19.0	7.6	0.0
22.5°	92.7	66.5	47.9	32.6	19.3	7.7	0.0
20°	93.1	67.7	48.6	33.0	19.6	7.8	0.0
17.5°	94.2	68.7	49.2	33.3	19.8	7.8	0.0
15°	95.4	69.5	49.6	33.5	19.9	7.9	0.0
12.5°	96.3	70.1	50.0	33.7	20.1	7.9	0.0
10°	96.9	70.4	50.2	33.8	20.1	7.9	0.0
7.5°	97.1	70.6	50.3	33.7	20.1	7.9	0.0
5°	97.0	70.5	50.3	33.6	20.1	7.9	0.0
2.5°	96.5	70.3	50.2	33.5	20.0	7.9	0.0
0°	95.8	69.8	49.9	33.2	19.9	7.8	0.0
-2.5°	96.5	70.3	50.2	33.5	20.0	7.9	0.0
-5°	97.0	70.5	50.3	33.6	20.1	7.9	0.0
-7.5°	97.1	70.6	50.3	33.7	20.1	7.9	0.0
-10°	96.9	70.4	50.2	33.8	20.1	7.9	0.0
-12.5°	96.3	70.1	50.0	33.7	20.1	7.9	0.0
-15°	95.4	69.5	49.6	33.5	19.9	7.9	0.0
-17.5°	94.2	68.7	49.2	33.3	19.8	7.8	0.0
-20°	93.1	67.7	48.6	33.0	19.6	7.8	0.0

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CATALOG NUMBER: GFLD-SA1E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	92.7	66.5	47.9	32.6	19.3	7.7	0.0
-25°	91.9	66.0	47.1	32.1	19.0	7.6	0.0
-27.5°	90.8	65.6	46.1	31.5	18.7	7.5	0.0
-30°	89.4	64.9	45.2	30.9	18.3	7.3	0.0
-32.5°	87.6	64.0	44.8	30.1	17.8	7.2	0.0
-35°	86.1	62.8	44.2	29.3	17.3	7.0	0.0
-37.5°	84.4	61.6	43.4	28.4	16.8	6.8	0.0
-40°	82.4	60.4	42.5	27.4	16.2	6.6	0.0
-42.5°	80.0	59.1	41.4	26.5	15.6	6.4	0.0
-45°	77.3	57.5	40.3	25.6	14.9	6.2	0.0
-47.5°	74.3	55.6	38.9	24.6	14.2	5.9	0.0
-50°	71.5	53.5	37.4	23.6	13.5	5.7	0.0
-52.5°	68.6	51.2	35.6	22.5	12.7	5.4	0.0
-55°	65.4	48.6	33.8	21.2	11.9	5.1	0.0
-57.5°	61.9	45.9	31.7	19.9	11.0	4.8	0.0
-60°	58.1	42.9	29.5	18.4	10.1	4.5	0.0
-62.5°	53.9	39.6	27.1	16.9	9.4	4.2	0.0
-65°	49.4	36.2	24.5	15.2	8.7	3.8	0.0
-67.5°	44.6	32.4	21.8	13.5	7.9	3.5	0.0
-70°	39.6	28.3	19.0	11.7	7.1	3.1	0.0
-72.5°	33.9	24.0	16.0	10.2	6.2	2.7	0.0
-75°	27.8	19.6	12.9	8.8	5.4	2.4	0.0
-77.5°	21.5	15.0	10.6	7.4	4.5	2.0	0.0
-80°	15.1	11.5	8.6	5.9	3.6	1.6	0.0
-82.5°	11.1	8.7	6.5	4.5	2.7	1.2	0.0
-85°	7.4	5.8	4.3	3.0	1.8	0.8	0.0
-87.5°	3.7	2.9	2.2	1.5	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)