

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: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626805 (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-SA1E-740-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N28
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

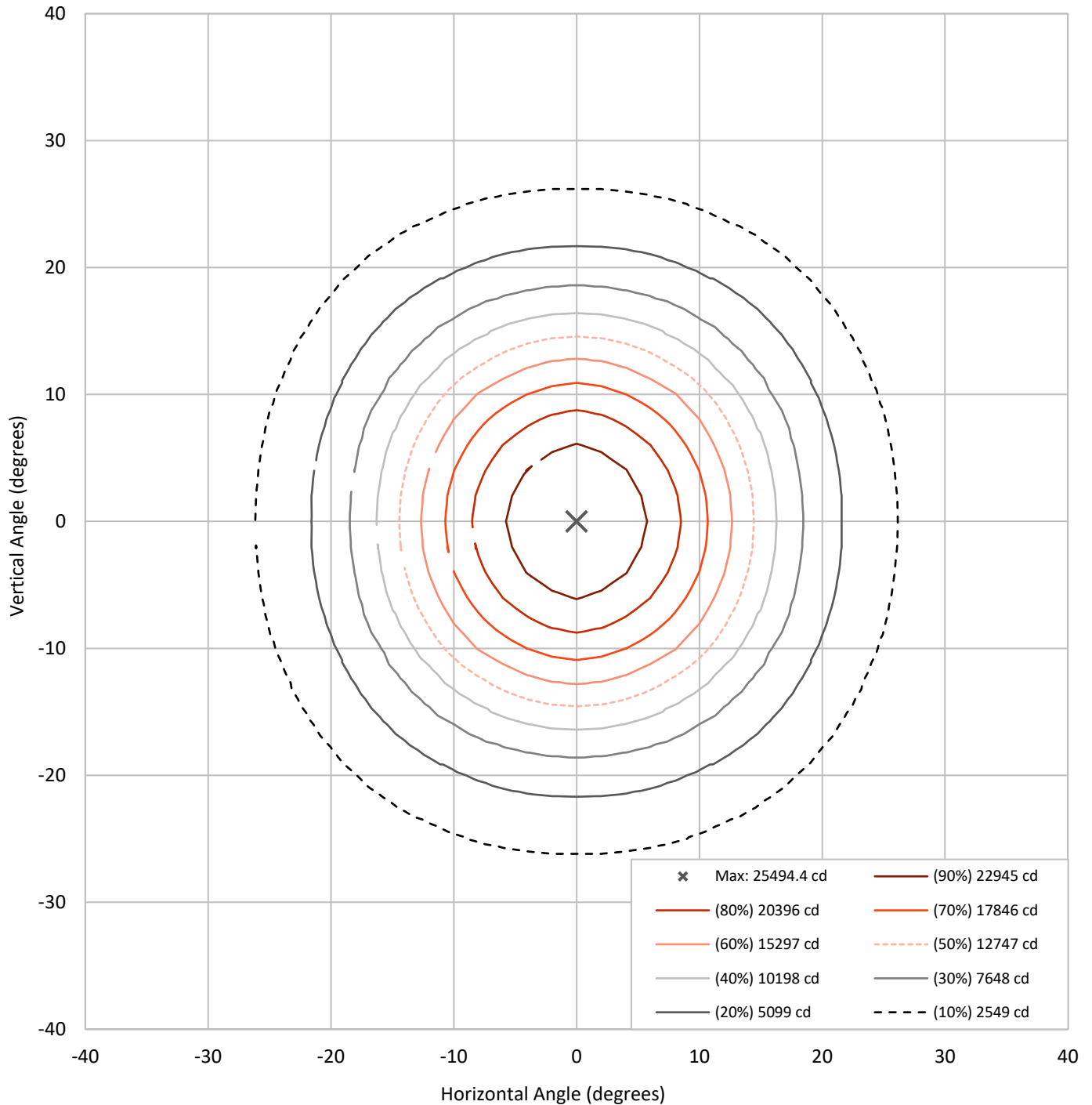
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7965.3 lumens	Max Intensity:	25494.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	3872.6 lumens	Field Lumens:	6535.4 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





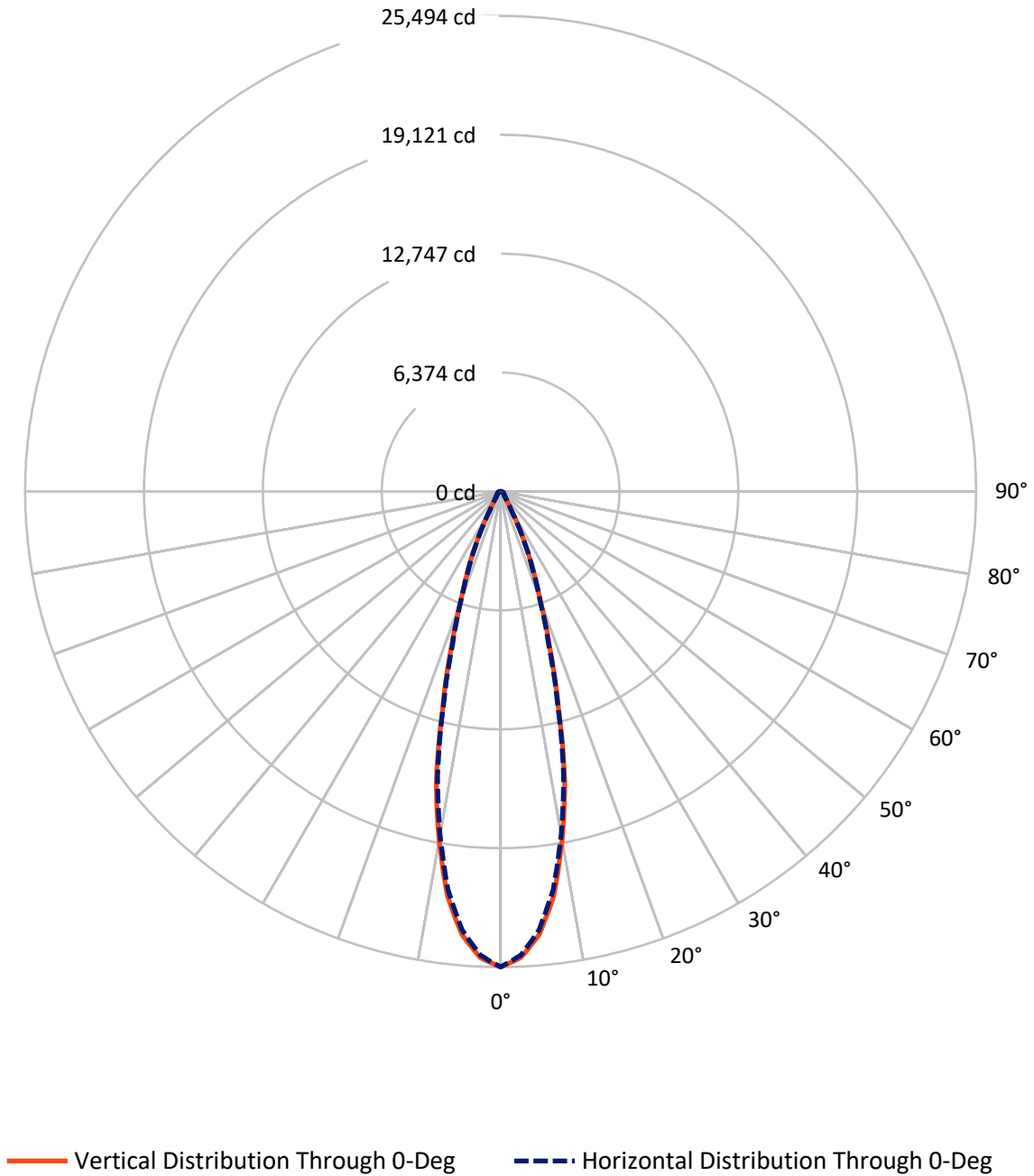
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Lumen Table

90	0.2	1.3	3.5	5.5	6.1	5.5	3.5	1.3	0.2										
80	0.2	1.3	3.5	5.5	6.1	5.5	3.5	1.3	0.2										
70	0.6	0.7	1.4	2.2	3.1	3.9	4.3	4.5	4.5	4.3	3.9	3.1	2.2	1.4	0.7	0.6			
60		1.0	2.1	3.3	4.5	5.5	6.1	6.4	6.4	6.1	5.5	4.5	3.3	2.1	1.0				
50	1.1	1.3	2.6	4.1	5.5	6.9	8.1	8.7	8.7	8.1	6.9	5.5	4.1	2.6	1.3	1.1			
40		1.5	3.1	4.7	6.7	9.5	13.8	17.9	17.9	13.8	9.5	6.7	4.7	3.1	1.5				
30	1.3	1.7	3.4	5.3	8.6	18.6	52.4	93.0	93.0	52.4	18.6	8.6	5.3	3.4	1.7	1.3			
20		1.9	3.6	5.8	11.7	48.9	174.2	333.9	333.9	174.2	48.9	11.7	5.8	3.6	1.9				
10	1.4	1.9	3.6	6.1	14.8	84.4	322.5	634.4	634.4	322.5	84.4	14.8	6.1	3.6	1.9	1.4			
0		1.9	3.6	6.1	14.8	84.4	322.5	634.4	634.4	322.5	84.4	14.8	6.1	3.6	1.9				
-10	1.3	1.9	3.6	5.8	11.7	48.9	174.2	333.9	333.9	174.2	48.9	11.7	5.8	3.6	1.9	1.3			
-20		1.7	3.4	5.3	8.6	18.6	52.4	93.0	93.0	52.4	18.6	8.6	5.3	3.4	1.7				
-30	1.1	1.5	3.1	4.7	6.7	9.5	13.8	17.9	17.9	13.8	9.5	6.7	4.7	3.1	1.5	1.1			
-40		1.3	2.6	4.1	5.5	6.9	8.1	8.7	8.7	8.1	6.9	5.5	4.1	2.6	1.3				
-50	0.6	1.0	2.1	3.3	4.5	5.5	6.1	6.4	6.4	6.1	5.5	4.5	3.3	2.1	1.0	0.6			
-60		0.7	1.4	2.2	3.1	3.9	4.3	4.5	4.5	4.3	3.9	3.1	2.2	1.4	0.7				
-70	0.2	1.3	3.5	5.5	6.1	5.5	3.5	1.3	0.2										
-80		0.2	1.3	3.5	5.5	6.1	5.5	3.5	1.3	0.2									
-90	0.2	1.3	3.5	5.5	6.1	5.5	3.5	1.3	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

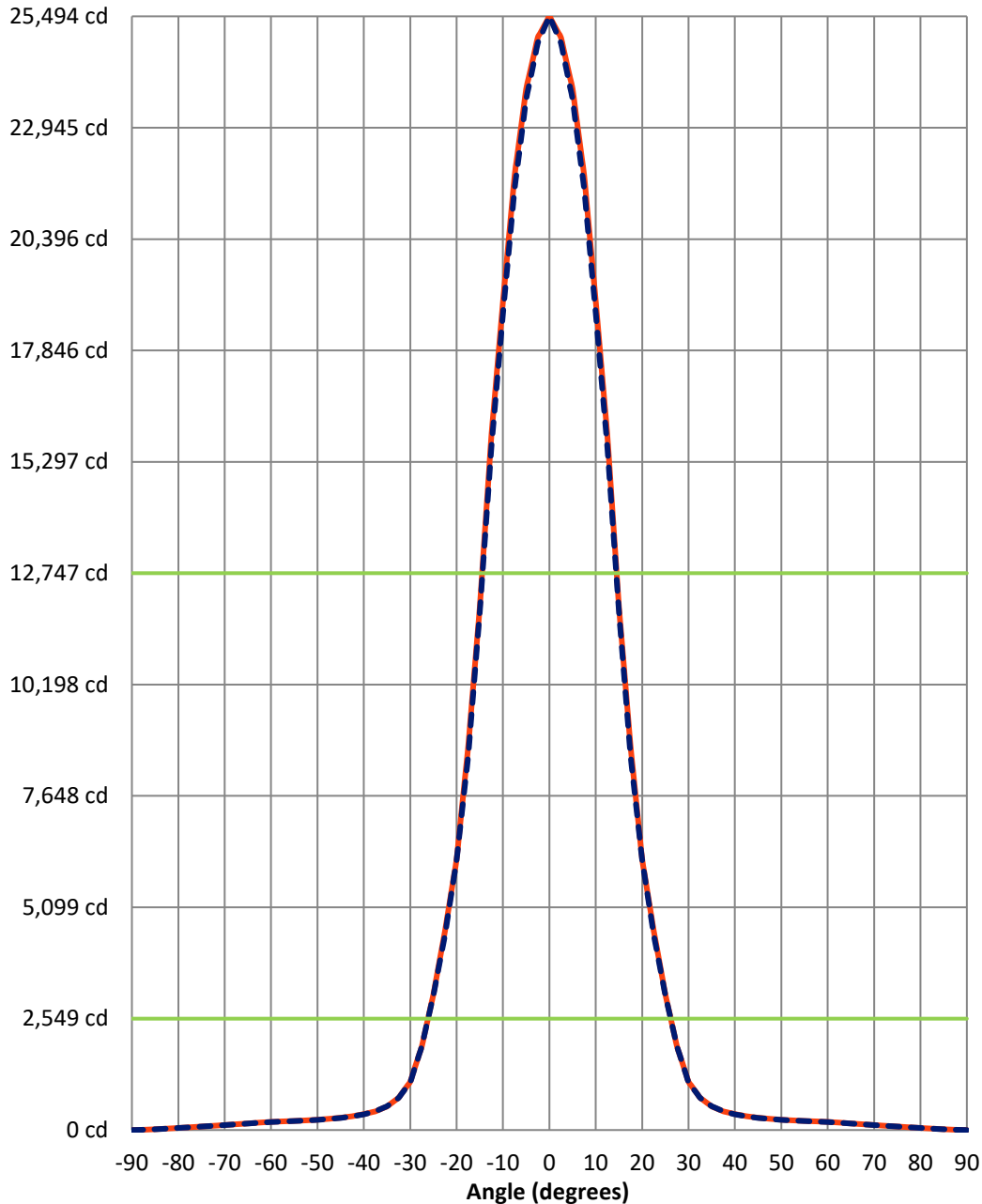
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3872.6
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 6535.4
 Efficiency: 82.0%

Spill:
 Lumens: 1429.9
 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	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.8	8.3	10.0
80°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.8	10.9	13.1	15.4
77.5°	0.0	1.4	2.8	4.2	5.6	7.4	9.8	12.3	15.0	17.9	21.0
75°	0.0	1.7	3.4	5.0	6.8	9.8	12.7	15.8	19.2	23.1	27.1
72.5°	0.0	2.0	3.9	5.8	8.8	12.2	15.5	19.4	24.0	28.5	33.0
70°	0.0	2.2	4.4	6.8	10.7	14.5	18.5	23.6	28.7	33.9	39.5
67.5°	0.0	2.5	5.0	8.2	12.5	16.9	22.0	27.7	33.4	39.7	45.9
65°	0.0	2.7	5.5	9.5	14.4	19.5	25.5	31.7	38.6	45.5	52.4
62.5°	0.0	3.0	6.0	10.9	16.2	22.3	29.0	36.0	43.6	51.2	59.1
60°	0.0	3.2	6.5	12.2	17.9	25.1	32.3	40.3	48.5	56.9	65.6
57.5°	0.0	3.5	7.3	13.5	20.1	27.9	35.9	44.5	53.4	62.5	72.1
55°	0.0	3.7	8.2	14.8	22.2	30.5	39.3	48.6	58.1	68.0	78.4
52.5°	0.0	4.0	9.0	16.0	24.3	33.1	42.7	52.5	62.7	73.5	84.5
50°	0.0	4.2	9.8	17.1	26.3	35.8	45.9	56.4	67.1	78.9	90.2
47.5°	0.0	4.4	10.5	18.3	28.2	38.3	48.9	60.1	71.7	84.0	95.6
45°	0.0	4.6	11.3	19.7	30.1	40.7	52.0	63.6	76.1	88.6	100.6
42.5°	0.0	4.8	11.9	21.1	31.9	43.0	54.9	67.2	80.3	92.8	105.3
40°	0.0	5.0	12.6	22.3	33.6	45.2	57.7	70.6	84.1	96.8	109.7
37.5°	0.0	5.2	13.2	23.5	35.2	47.2	60.3	73.8	87.5	100.7	113.9
35°	0.0	5.3	13.8	24.6	36.7	49.2	62.7	76.8	90.7	104.3	117.9
32.5°	0.0	5.5	14.4	25.6	38.2	51.2	65.1	79.6	93.7	107.7	121.7
30°	0.0	5.6	14.9	26.5	39.5	53.0	67.3	82.1	96.5	110.9	125.2
27.5°	0.0	5.8	15.4	27.4	40.7	54.6	69.3	84.4	99.1	113.8	128.5
25°	0.0	5.9	15.8	28.1	41.8	56.1	71.1	86.4	101.4	116.5	131.5
22.5°	0.0	6.0	16.2	28.8	42.8	57.5	72.8	88.2	103.5	118.8	134.5
20°	0.0	6.1	16.6	29.4	43.8	58.7	74.2	89.8	105.4	121.0	137.1
17.5°	0.0	6.2	16.9	29.9	44.6	59.7	75.5	91.3	107.0	122.8	139.4
15°	0.0	6.3	17.2	30.3	45.4	60.5	76.7	92.6	108.4	124.4	141.4
12.5°	0.0	6.3	17.5	30.6	46.0	61.2	77.7	93.8	109.7	125.7	143.0
10°	0.0	6.4	17.6	30.9	46.5	61.7	78.6	94.8	110.8	127.2	144.5
7.5°	0.0	6.4	17.8	31.1	46.9	62.1	79.3	95.6	111.7	128.5	146.1
5°	0.0	6.5	17.9	31.2	47.3	62.3	79.8	96.1	112.4	129.6	147.4
2.5°	0.0	6.5	18.0	31.2	47.4	62.3	80.1	96.5	112.8	130.4	148.3
0°	0.0	6.5	18.0	31.1	47.5	62.2	80.2	96.6	112.9	130.9	148.9
-2.5°	0.0	6.5	18.0	31.2	47.4	62.3	80.1	96.5	112.8	130.4	148.3
-5°	0.0	6.5	17.9	31.2	47.3	62.3	79.8	96.1	112.4	129.6	147.4
-7.5°	0.0	6.4	17.8	31.1	46.9	62.1	79.3	95.6	111.7	128.5	146.1
-10°	0.0	6.4	17.6	30.9	46.5	61.7	78.6	94.8	110.8	127.2	144.5
-12.5°	0.0	6.3	17.5	30.6	46.0	61.2	77.7	93.8	109.7	125.7	143.0
-15°	0.0	6.3	17.2	30.3	45.4	60.5	76.7	92.6	108.4	124.4	141.4
-17.5°	0.0	6.2	16.9	29.9	44.6	59.7	75.5	91.3	107.0	122.8	139.4
-20°	0.0	6.1	16.6	29.4	43.8	58.7	74.2	89.8	105.4	121.0	137.1

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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	6.0	16.2	28.8	42.8	57.5	72.8	88.2	103.5	118.8	134.5
-25°	0.0	5.9	15.8	28.1	41.8	56.1	71.1	86.4	101.4	116.5	131.5
-27.5°	0.0	5.8	15.4	27.4	40.7	54.6	69.3	84.4	99.1	113.8	128.5
-30°	0.0	5.6	14.9	26.5	39.5	53.0	67.3	82.1	96.5	110.9	125.2
-32.5°	0.0	5.5	14.4	25.6	38.2	51.2	65.1	79.6	93.7	107.7	121.7
-35°	0.0	5.3	13.8	24.6	36.7	49.2	62.7	76.8	90.7	104.3	117.9
-37.5°	0.0	5.2	13.2	23.5	35.2	47.2	60.3	73.8	87.5	100.7	113.9
-40°	0.0	5.0	12.6	22.3	33.6	45.2	57.7	70.6	84.1	96.8	109.7
-42.5°	0.0	4.8	11.9	21.1	31.9	43.0	54.9	67.2	80.3	92.8	105.3
-45°	0.0	4.6	11.3	19.7	30.1	40.7	52.0	63.6	76.1	88.6	100.6
-47.5°	0.0	4.4	10.5	18.3	28.2	38.3	48.9	60.1	71.7	84.0	95.6
-50°	0.0	4.2	9.8	17.1	26.3	35.8	45.9	56.4	67.1	78.9	90.2
-52.5°	0.0	4.0	9.0	16.0	24.3	33.1	42.7	52.5	62.7	73.5	84.5
-55°	0.0	3.7	8.2	14.8	22.2	30.5	39.3	48.6	58.1	68.0	78.4
-57.5°	0.0	3.5	7.3	13.5	20.1	27.9	35.9	44.5	53.4	62.5	72.1
-60°	0.0	3.2	6.5	12.2	17.9	25.1	32.3	40.3	48.5	56.9	65.6
-62.5°	0.0	3.0	6.0	10.9	16.2	22.3	29.0	36.0	43.6	51.2	59.1
-65°	0.0	2.7	5.5	9.5	14.4	19.5	25.5	31.7	38.6	45.5	52.4
-67.5°	0.0	2.5	5.0	8.2	12.5	16.9	22.0	27.7	33.4	39.7	45.9
-70°	0.0	2.2	4.4	6.8	10.7	14.5	18.5	23.6	28.7	33.9	39.5
-72.5°	0.0	2.0	3.9	5.8	8.8	12.2	15.5	19.4	24.0	28.5	33.0
-75°	0.0	1.7	3.4	5.0	6.8	9.8	12.7	15.8	19.2	23.1	27.1
-77.5°	0.0	1.4	2.8	4.2	5.6	7.4	9.8	12.3	15.0	17.9	21.0
-80°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.8	10.9	13.1	15.4
-82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.8	8.3	10.0
-85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	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



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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°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
85°	6.0	6.5	7.5	8.4	9.3	10.2	11.1	11.9	12.7	13.5	14.2
82.5°	11.5	13.0	14.5	15.9	17.3	18.6	19.9	21.1	22.3	23.5	24.5
80°	17.5	19.5	21.5	23.4	25.2	27.0	28.7	30.4	31.9	33.6	35.4
77.5°	23.9	26.4	28.7	30.9	33.2	36.0	38.7	41.3	43.7	46.1	48.4
75°	30.4	33.3	36.5	39.7	43.0	46.3	49.6	52.7	55.8	58.9	62.0
72.5°	37.3	41.2	45.1	48.9	53.0	57.1	60.8	64.2	68.1	72.3	76.2
70°	44.6	49.1	54.0	58.8	63.5	68.1	72.7	77.3	82.0	86.6	90.9
67.5°	51.9	57.6	63.3	68.7	74.1	79.5	85.0	90.6	96.0	101.1	106.2
65°	59.7	66.1	72.4	78.5	84.5	91.1	97.6	103.8	110.7	117.0	122.6
62.5°	67.3	74.5	81.4	88.3	95.5	102.9	110.4	118.3	126.4	132.3	137.4
60°	74.6	82.7	90.4	98.4	106.4	114.7	123.4	131.7	139.2	145.6	151.0
57.5°	81.7	90.8	99.4	108.0	116.8	126.2	135.7	144.3	151.2	157.4	163.3
55°	88.6	98.7	107.8	117.0	127.0	138.0	147.7	155.5	162.6	167.7	173.3
52.5°	95.2	106.0	115.5	125.8	137.2	148.6	158.3	165.9	171.9	177.2	182.6
50°	101.5	112.3	122.9	134.6	146.7	158.1	168.0	174.9	180.9	186.4	191.7
47.5°	107.2	118.5	130.4	142.9	155.5	166.8	176.3	183.4	189.6	195.2	201.0
45°	112.6	124.7	137.4	151.0	164.0	175.2	183.8	191.4	197.4	203.7	211.0
42.5°	117.7	130.7	144.5	159.0	172.2	182.5	190.8	198.1	205.0	212.6	220.7
40°	122.8	136.2	151.2	166.5	180.0	188.9	197.2	204.8	212.8	221.5	230.3
37.5°	127.5	141.9	157.4	173.4	185.6	194.9	203.5	212.0	220.9	230.3	241.2
35°	131.8	147.2	163.5	178.9	190.6	200.7	209.9	219.2	229.2	240.6	252.7
32.5°	136.0	152.0	169.0	183.5	195.2	205.9	216.0	226.6	238.0	250.6	264.4
30°	140.2	156.7	173.9	188.2	199.2	210.2	222.1	233.9	246.5	260.6	276.8
27.5°	144.2	161.0	178.0	191.9	202.7	213.9	226.8	241.0	254.9	270.2	289.0
25°	147.9	165.4	182.0	194.8	205.8	217.5	230.9	246.1	262.4	280.7	303.7
22.5°	151.3	169.4	185.9	197.3	208.4	220.7	235.1	251.1	268.9	290.0	318.1
20°	154.6	172.6	188.4	199.6	210.5	223.2	238.7	255.6	275.8	301.5	335.0
17.5°	157.4	175.2	190.2	201.5	212.7	225.8	241.8	259.3	282.1	311.5	351.3
15°	159.9	177.4	191.7	203.0	214.6	228.5	244.9	264.0	289.0	321.4	365.4
12.5°	161.8	179.1	193.0	204.0	216.0	230.4	247.6	268.6	295.8	332.2	384.3
10°	163.4	180.3	194.0	204.7	217.1	231.7	249.7	272.1	301.4	341.2	400.5
7.5°	164.9	181.4	194.7	205.0	217.7	232.4	251.1	274.6	305.5	348.0	413.4
5°	166.0	182.5	195.1	205.6	218.1	232.7	252.1	276.1	308.0	352.4	422.6
2.5°	166.7	183.1	195.1	206.0	218.1	232.8	253.3	276.9	310.9	356.2	427.8
0°	166.9	183.3	194.7	206.2	217.6	232.4	253.7	276.6	312.6	358.4	428.8
-2.5°	166.7	183.1	195.1	206.0	218.1	232.8	253.3	276.9	310.9	356.2	427.8
-5°	166.0	182.5	195.1	205.6	218.1	232.7	252.1	276.1	308.0	352.4	422.6
-7.5°	164.9	181.4	194.7	205.0	217.7	232.4	251.1	274.6	305.5	348.0	413.4
-10°	163.4	180.3	194.0	204.7	217.1	231.7	249.7	272.1	301.4	341.2	400.5
-12.5°	161.8	179.1	193.0	204.0	216.0	230.4	247.6	268.6	295.8	332.2	384.3
-15°	159.9	177.4	191.7	203.0	214.6	228.5	244.9	264.0	289.0	321.4	365.4
-17.5°	157.4	175.2	190.2	201.5	212.7	225.8	241.8	259.3	282.1	311.5	351.3
-20°	154.6	172.6	188.4	199.6	210.5	223.2	238.7	255.6	275.8	301.5	335.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	151.3	169.4	185.9	197.3	208.4	220.7	235.1	251.1	268.9	290.0	318.1
-25°	147.9	165.4	182.0	194.8	205.8	217.5	230.9	246.1	262.4	280.7	303.7
-27.5°	144.2	161.0	178.0	191.9	202.7	213.9	226.8	241.0	254.9	270.2	289.0
-30°	140.2	156.7	173.9	188.2	199.2	210.2	222.1	233.9	246.5	260.6	276.8
-32.5°	136.0	152.0	169.0	183.5	195.2	205.9	216.0	226.6	238.0	250.6	264.4
-35°	131.8	147.2	163.5	178.9	190.6	200.7	209.9	219.2	229.2	240.6	252.7
-37.5°	127.5	141.9	157.4	173.4	185.6	194.9	203.5	212.0	220.9	230.3	241.2
-40°	122.8	136.2	151.2	166.5	180.0	188.9	197.2	204.8	212.8	221.5	230.3
-42.5°	117.7	130.7	144.5	159.0	172.2	182.5	190.8	198.1	205.0	212.6	220.7
-45°	112.6	124.7	137.4	151.0	164.0	175.2	183.8	191.4	197.4	203.7	211.0
-47.5°	107.2	118.5	130.4	142.9	155.5	166.8	176.3	183.4	189.6	195.2	201.0
-50°	101.5	112.3	122.9	134.6	146.7	158.1	168.0	174.9	180.9	186.4	191.7
-52.5°	95.2	106.0	115.5	125.8	137.2	148.6	158.3	165.9	171.9	177.2	182.6
-55°	88.6	98.7	107.8	117.0	127.0	138.0	147.7	155.5	162.6	167.7	173.3
-57.5°	81.7	90.8	99.4	108.0	116.8	126.2	135.7	144.3	151.2	157.4	163.3
-60°	74.6	82.7	90.4	98.4	106.4	114.7	123.4	131.7	139.2	145.6	151.0
-62.5°	67.3	74.5	81.4	88.3	95.5	102.9	110.4	118.3	126.4	132.3	137.4
-65°	59.7	66.1	72.4	78.5	84.5	91.1	97.6	103.8	110.7	117.0	122.6
-67.5°	51.9	57.6	63.3	68.7	74.1	79.5	85.0	90.6	96.0	101.1	106.2
-70°	44.6	49.1	54.0	58.8	63.5	68.1	72.7	77.3	82.0	86.6	90.9
-72.5°	37.3	41.2	45.1	48.9	53.0	57.1	60.8	64.2	68.1	72.3	76.2
-75°	30.4	33.3	36.5	39.7	43.0	46.3	49.6	52.7	55.8	58.9	62.0
-77.5°	23.9	26.4	28.7	30.9	33.2	36.0	38.7	41.3	43.7	46.1	48.4
-80°	17.5	19.5	21.5	23.4	25.2	27.0	28.7	30.4	31.9	33.6	35.4
-82.5°	11.5	13.0	14.5	15.9	17.3	18.6	19.9	21.1	22.3	23.5	24.5
-85°	6.0	6.5	7.5	8.4	9.3	10.2	11.1	11.9	12.7	13.5	14.2
-87.5°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
-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: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
85°	14.9	15.5	16.1	16.6	17.1	17.3	17.3	17.3	17.2	17.5	17.6
82.5°	25.6	26.7	27.9	29.1	30.2	30.6	30.9	31.1	31.2	31.6	32.0
80°	37.1	39.0	40.7	42.2	43.5	44.5	45.3	46.1	46.8	47.2	47.4
77.5°	50.6	52.8	54.9	56.8	58.6	60.0	61.1	62.0	62.7	63.2	63.4
75°	65.1	67.9	70.4	72.7	74.8	76.3	77.3	78.0	78.5	79.1	79.5
72.5°	79.7	82.9	85.8	88.6	91.0	92.7	93.9	94.9	95.6	96.2	96.5
70°	95.1	98.8	102.1	104.9	107.1	108.7	110.0	111.1	111.9	112.4	112.7
67.5°	111.0	115.0	118.1	120.5	122.5	124.3	125.9	127.0	127.8	128.6	129.4
65°	127.2	131.3	134.5	137.0	139.1	141.4	143.4	144.9	146.0	146.9	147.8
62.5°	142.4	147.1	150.7	154.1	157.5	160.7	162.6	164.0	165.1	166.0	167.0
60°	156.3	161.6	166.0	170.1	174.3	178.5	180.2	181.5	182.8	184.0	185.1
57.5°	168.6	174.2	179.6	183.7	187.6	191.5	194.2	195.7	196.7	197.2	197.7
55°	179.3	184.9	190.3	195.0	199.3	203.3	206.3	207.7	208.8	209.5	209.9
52.5°	188.9	194.9	200.7	205.8	210.5	214.8	218.6	220.6	222.2	223.3	223.7
50°	198.3	204.8	211.0	216.5	222.0	227.2	231.9	234.7	236.6	237.8	238.2
47.5°	208.2	215.2	221.9	228.3	234.5	240.6	246.3	250.1	252.9	254.9	256.4
45°	218.4	226.0	233.4	240.9	248.0	256.0	263.1	268.6	272.7	276.2	279.0
42.5°	228.7	237.2	245.7	255.5	265.1	274.2	282.7	290.0	296.6	303.1	308.2
40°	239.9	249.2	260.9	272.4	284.4	294.9	307.3	318.5	328.7	339.7	348.8
37.5°	252.1	264.2	278.0	291.8	307.3	322.4	339.8	356.9	371.8	391.1	406.6
35°	265.5	280.7	297.0	315.6	335.6	359.2	383.5	412.1	436.2	467.0	495.4
32.5°	280.4	298.2	319.4	344.9	371.9	409.9	445.5	493.9	535.2	588.6	646.8
30°	295.4	318.6	347.3	380.2	426.0	479.9	542.8	624.5	712.9	804.4	927.6
27.5°	313.4	343.4	379.3	430.1	498.6	573.2	701.2	839.5	1032.1	1184.5	1456.1
25°	332.7	369.8	422.8	496.5	591.1	742.2	958.3	1208.5	1593.9	1936.7	2330.7
22.5°	355.5	406.0	476.2	572.7	737.6	997.4	1334.7	1848.7	2420.0	2983.9	3499.2
20°	379.7	440.6	538.8	696.1	950.9	1326.5	1928.4	2662.8	3421.3	4194.0	4845.2
17.5°	408.0	490.7	620.0	828.9	1192.4	1835.6	2639.6	3573.4	4564.3	5550.3	6406.8
15°	432.3	534.5	708.6	1021.4	1563.6	2368.1	3356.2	4535.5	5781.6	7061.3	8448.3
12.5°	463.3	587.2	799.9	1180.6	1892.9	2938.6	4147.6	5516.8	7038.4	8737.5	10899.8
10°	491.7	642.6	919.9	1435.7	2288.7	3471.4	4831.2	6384.6	8358.3	10911.7	13519.8
7.5°	514.4	686.5	1013.0	1634.8	2620.7	3926.7	5446.7	7309.2	9771.5	12812.0	15792.0
5°	530.3	716.9	1079.7	1785.2	2887.8	4274.6	5883.5	7990.7	10962.7	14367.5	17410.3
2.5°	540.2	733.5	1112.3	1874.5	3061.9	4484.0	6155.9	8423.9	11692.8	15357.7	18438.4
0°	544.9	736.4	1091.5	1917.9	3086.4	4469.2	6180.9	8568.5	11866.0	15626.6	18694.9
-2.5°	540.2	733.5	1112.3	1874.5	3061.9	4484.0	6155.9	8423.9	11692.8	15357.7	18438.4
-5°	530.3	716.9	1079.7	1785.2	2887.8	4274.6	5883.5	7990.7	10962.7	14367.5	17410.3
-7.5°	514.4	686.5	1013.0	1634.8	2620.7	3926.7	5446.7	7309.2	9771.5	12812.0	15792.0
-10°	491.7	642.6	919.9	1435.7	2288.7	3471.4	4831.2	6384.6	8358.3	10911.7	13519.8
-12.5°	463.3	587.2	799.9	1180.6	1892.9	2938.6	4147.6	5516.8	7038.4	8737.5	10899.8
-15°	432.3	534.5	708.6	1021.4	1563.6	2368.1	3356.2	4535.5	5781.6	7061.3	8448.3
-17.5°	408.0	490.7	620.0	828.9	1192.4	1835.6	2639.6	3573.4	4564.3	5550.3	6406.8
-20°	379.7	440.6	538.8	696.1	950.9	1326.5	1928.4	2662.8	3421.3	4194.0	4845.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	355.5	406.0	476.2	572.7	737.6	997.4	1334.7	1848.7	2420.0	2983.9	3499.2
-25°	332.7	369.8	422.8	496.5	591.1	742.2	958.3	1208.5	1593.9	1936.7	2330.7
-27.5°	313.4	343.4	379.3	430.1	498.6	573.2	701.2	839.5	1032.1	1184.5	1456.1
-30°	295.4	318.6	347.3	380.2	426.0	479.9	542.8	624.5	712.9	804.4	927.6
-32.5°	280.4	298.2	319.4	344.9	371.9	409.9	445.5	493.9	535.2	588.6	646.8
-35°	265.5	280.7	297.0	315.6	335.6	359.2	383.5	412.1	436.2	467.0	495.4
-37.5°	252.1	264.2	278.0	291.8	307.3	322.4	339.8	356.9	371.8	391.1	406.6
-40°	239.9	249.2	260.9	272.4	284.4	294.9	307.3	318.5	328.7	339.7	348.8
-42.5°	228.7	237.2	245.7	255.5	265.1	274.2	282.7	290.0	296.6	303.1	308.2
-45°	218.4	226.0	233.4	240.9	248.0	256.0	263.1	268.6	272.7	276.2	279.0
-47.5°	208.2	215.2	221.9	228.3	234.5	240.6	246.3	250.1	252.9	254.9	256.4
-50°	198.3	204.8	211.0	216.5	222.0	227.2	231.9	234.7	236.6	237.8	238.2
-52.5°	188.9	194.9	200.7	205.8	210.5	214.8	218.6	220.6	222.2	223.3	223.7
-55°	179.3	184.9	190.3	195.0	199.3	203.3	206.3	207.7	208.8	209.5	209.9
-57.5°	168.6	174.2	179.6	183.7	187.6	191.5	194.2	195.7	196.7	197.2	197.7
-60°	156.3	161.6	166.0	170.1	174.3	178.5	180.2	181.5	182.8	184.0	185.1
-62.5°	142.4	147.1	150.7	154.1	157.5	160.7	162.6	164.0	165.1	166.0	167.0
-65°	127.2	131.3	134.5	137.0	139.1	141.4	143.4	144.9	146.0	146.9	147.8
-67.5°	111.0	115.0	118.1	120.5	122.5	124.3	125.9	127.0	127.8	128.6	129.4
-70°	95.1	98.8	102.1	104.9	107.1	108.7	110.0	111.1	111.9	112.4	112.7
-72.5°	79.7	82.9	85.8	88.6	91.0	92.7	93.9	94.9	95.6	96.2	96.5
-75°	65.1	67.9	70.4	72.7	74.8	76.3	77.3	78.0	78.5	79.1	79.5
-77.5°	50.6	52.8	54.9	56.8	58.6	60.0	61.1	62.0	62.7	63.2	63.4
-80°	37.1	39.0	40.7	42.2	43.5	44.5	45.3	46.1	46.8	47.2	47.4
-82.5°	25.6	26.7	27.9	29.1	30.2	30.6	30.9	31.1	31.2	31.6	32.0
-85°	14.9	15.5	16.1	16.6	17.1	17.3	17.3	17.3	17.2	17.5	17.6
-87.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
-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: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
85°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.6	17.5	17.2	17.3
82.5°	32.3	32.5	32.7	32.7	32.7	32.5	32.3	32.0	31.6	31.2	31.1
80°	47.4	47.3	47.4	47.5	47.4	47.3	47.4	47.4	47.2	46.8	46.1
77.5°	63.5	63.5	63.7	63.8	63.7	63.5	63.5	63.4	63.2	62.7	62.0
75°	79.8	79.8	80.1	80.2	80.1	79.8	79.8	79.5	79.1	78.5	78.0
72.5°	96.5	96.2	96.5	96.6	96.5	96.2	96.5	96.5	96.2	95.6	94.9
70°	112.7	112.5	113.6	114.6	113.6	112.5	112.7	112.7	112.4	111.9	111.1
67.5°	130.0	130.3	131.5	132.6	131.5	130.3	130.0	129.4	128.6	127.8	127.0
65°	148.3	148.3	149.5	150.6	149.5	148.3	148.3	147.8	146.9	146.0	144.9
62.5°	167.7	167.9	169.1	170.2	169.1	167.9	167.7	167.0	166.0	165.1	164.0
60°	185.7	185.9	186.4	186.6	186.4	185.9	185.7	185.1	184.0	182.8	181.5
57.5°	197.9	197.7	197.8	198.0	197.8	197.7	197.9	197.7	197.2	196.7	195.7
55°	209.9	209.3	208.7	207.8	208.7	209.3	209.9	209.9	209.5	208.8	207.7
52.5°	223.4	222.6	221.8	220.9	221.8	222.6	223.4	223.7	223.3	222.2	220.6
50°	238.0	237.2	236.5	235.7	236.5	237.2	238.0	238.2	237.8	236.6	234.7
47.5°	257.4	257.8	257.6	256.9	257.6	257.8	257.4	256.4	254.9	252.9	250.1
45°	281.0	282.0	282.1	281.5	282.1	282.0	281.0	279.0	276.2	272.7	268.6
42.5°	311.8	313.9	315.0	315.8	315.0	313.9	311.8	308.2	303.1	296.6	290.0
40°	355.5	359.7	362.4	364.9	362.4	359.7	355.5	348.8	339.7	328.7	318.5
37.5°	418.1	425.8	429.2	427.1	429.2	425.8	418.1	406.6	391.1	371.8	356.9
35°	517.3	531.8	539.4	540.0	539.4	531.8	517.3	495.4	467.0	436.2	412.1
32.5°	689.9	719.8	735.8	738.0	735.8	719.8	689.9	646.8	588.6	535.2	493.9
30°	1021.9	1082.8	1111.4	1104.6	1111.4	1082.8	1021.9	927.6	804.4	712.9	624.5
27.5°	1667.2	1819.1	1909.2	1916.3	1909.2	1819.1	1667.2	1456.1	1184.5	1032.1	839.5
25°	2679.6	2938.9	3104.9	3107.6	3104.9	2938.9	2679.6	2330.7	1936.7	1593.9	1208.5
22.5°	3975.8	4329.8	4523.7	4557.5	4523.7	4329.8	3975.8	3499.2	2983.9	2420.0	1848.7
20°	5477.5	5948.3	6200.3	6200.6	6200.3	5948.3	5477.5	4845.2	4194.0	3421.3	2662.8
17.5°	7326.8	8091.4	8571.4	8778.0	8571.4	8091.4	7326.8	6406.8	5550.3	4564.3	3573.4
15°	9783.8	11068.6	11838.5	11977.3	11838.5	11068.6	9783.8	8448.3	7061.3	5781.6	4535.5
12.5°	12775.4	14401.4	15494.3	15895.0	15494.3	14401.4	12775.4	10899.8	8737.5	7038.4	5516.8
10°	15898.9	17405.5	18576.4	18969.9	18576.4	17405.5	15898.9	13519.8	10911.7	8358.3	6384.6
7.5°	18155.4	19951.9	21270.8	21850.0	21270.8	19951.9	18155.4	15792.0	12812.0	9771.5	7309.2
5°	19936.7	22062.4	23290.1	23835.1	23290.1	22062.4	19936.7	17410.3	14367.5	10962.7	7990.7
2.5°	21105.4	23205.8	24505.9	25008.4	24505.9	23205.8	21105.4	18438.4	15357.7	11692.8	8423.9
0°	21542.4	23596.1	24880.8	25494.4	24880.8	23596.1	21542.4	18694.9	15626.6	11866.0	8568.5
-2.5°	21105.4	23205.8	24505.9	25008.4	24505.9	23205.8	21105.4	18438.4	15357.7	11692.8	8423.9
-5°	19936.7	22062.4	23290.1	23835.1	23290.1	22062.4	19936.7	17410.3	14367.5	10962.7	7990.7
-7.5°	18155.4	19951.9	21270.8	21850.0	21270.8	19951.9	18155.4	15792.0	12812.0	9771.5	7309.2
-10°	15898.9	17405.5	18576.4	18969.9	18576.4	17405.5	15898.9	13519.8	10911.7	8358.3	6384.6
-12.5°	12775.4	14401.4	15494.3	15895.0	15494.3	14401.4	12775.4	10899.8	8737.5	7038.4	5516.8
-15°	9783.8	11068.6	11838.5	11977.3	11838.5	11068.6	9783.8	8448.3	7061.3	5781.6	4535.5
-17.5°	7326.8	8091.4	8571.4	8778.0	8571.4	8091.4	7326.8	6406.8	5550.3	4564.3	3573.4
-20°	5477.5	5948.3	6200.3	6200.6	6200.3	5948.3	5477.5	4845.2	4194.0	3421.3	2662.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	3975.8	4329.8	4523.7	4557.5	4523.7	4329.8	3975.8	3499.2	2983.9	2420.0	1848.7
-25°	2679.6	2938.9	3104.9	3107.6	3104.9	2938.9	2679.6	2330.7	1936.7	1593.9	1208.5
-27.5°	1667.2	1819.1	1909.2	1916.3	1909.2	1819.1	1667.2	1456.1	1184.5	1032.1	839.5
-30°	1021.9	1082.8	1111.4	1104.6	1111.4	1082.8	1021.9	927.6	804.4	712.9	624.5
-32.5°	689.9	719.8	735.8	738.0	735.8	719.8	689.9	646.8	588.6	535.2	493.9
-35°	517.3	531.8	539.4	540.0	539.4	531.8	517.3	495.4	467.0	436.2	412.1
-37.5°	418.1	425.8	429.2	427.1	429.2	425.8	418.1	406.6	391.1	371.8	356.9
-40°	355.5	359.7	362.4	364.9	362.4	359.7	355.5	348.8	339.7	328.7	318.5
-42.5°	311.8	313.9	315.0	315.8	315.0	313.9	311.8	308.2	303.1	296.6	290.0
-45°	281.0	282.0	282.1	281.5	282.1	282.0	281.0	279.0	276.2	272.7	268.6
-47.5°	257.4	257.8	257.6	256.9	257.6	257.8	257.4	256.4	254.9	252.9	250.1
-50°	238.0	237.2	236.5	235.7	236.5	237.2	238.0	238.2	237.8	236.6	234.7
-52.5°	223.4	222.6	221.8	220.9	221.8	222.6	223.4	223.7	223.3	222.2	220.6
-55°	209.9	209.3	208.7	207.8	208.7	209.3	209.9	209.9	209.5	208.8	207.7
-57.5°	197.9	197.7	197.8	198.0	197.8	197.7	197.9	197.7	197.2	196.7	195.7
-60°	185.7	185.9	186.4	186.6	186.4	185.9	185.7	185.1	184.0	182.8	181.5
-62.5°	167.7	167.9	169.1	170.2	169.1	167.9	167.7	167.0	166.0	165.1	164.0
-65°	148.3	148.3	149.5	150.6	149.5	148.3	148.3	147.8	146.9	146.0	144.9
-67.5°	130.0	130.3	131.5	132.6	131.5	130.3	130.0	129.4	128.6	127.8	127.0
-70°	112.7	112.5	113.6	114.6	113.6	112.5	112.7	112.7	112.4	111.9	111.1
-72.5°	96.5	96.2	96.5	96.6	96.5	96.2	96.5	96.5	96.2	95.6	94.9
-75°	79.8	79.8	80.1	80.2	80.1	79.8	79.8	79.5	79.1	78.5	78.0
-77.5°	63.5	63.5	63.7	63.8	63.7	63.5	63.5	63.4	63.2	62.7	62.0
-80°	47.4	47.3	47.4	47.5	47.4	47.3	47.4	47.4	47.2	46.8	46.1
-82.5°	32.3	32.5	32.7	32.7	32.7	32.5	32.3	32.0	31.6	31.2	31.1
-85°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.6	17.5	17.2	17.3
-87.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
-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: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
85°	17.3	17.3	17.1	16.6	16.1	15.5	14.9	14.2	13.5	12.7	11.9
82.5°	30.9	30.6	30.2	29.1	27.9	26.7	25.6	24.5	23.5	22.3	21.1
80°	45.3	44.5	43.5	42.2	40.7	39.0	37.1	35.4	33.6	31.9	30.4
77.5°	61.1	60.0	58.6	56.8	54.9	52.8	50.6	48.4	46.1	43.7	41.3
75°	77.3	76.3	74.8	72.7	70.4	67.9	65.1	62.0	58.9	55.8	52.7
72.5°	93.9	92.7	91.0	88.6	85.8	82.9	79.7	76.2	72.3	68.1	64.2
70°	110.0	108.7	107.1	104.9	102.1	98.8	95.1	90.9	86.6	82.0	77.3
67.5°	125.9	124.3	122.5	120.5	118.1	115.0	111.0	106.2	101.1	96.0	90.6
65°	143.4	141.4	139.1	137.0	134.5	131.3	127.2	122.6	117.0	110.7	103.8
62.5°	162.6	160.7	157.5	154.1	150.7	147.1	142.4	137.4	132.3	126.4	118.3
60°	180.2	178.5	174.3	170.1	166.0	161.6	156.3	151.0	145.6	139.2	131.7
57.5°	194.2	191.5	187.6	183.7	179.6	174.2	168.6	163.3	157.4	151.2	144.3
55°	206.3	203.3	199.3	195.0	190.3	184.9	179.3	173.3	167.7	162.6	155.5
52.5°	218.6	214.8	210.5	205.8	200.7	194.9	188.9	182.6	177.2	171.9	165.9
50°	231.9	227.2	222.0	216.5	211.0	204.8	198.3	191.7	186.4	180.9	174.9
47.5°	246.3	240.6	234.5	228.3	221.9	215.2	208.2	201.0	195.2	189.6	183.4
45°	263.1	256.0	248.0	240.9	233.4	226.0	218.4	211.0	203.7	197.4	191.4
42.5°	282.7	274.2	265.1	255.5	245.7	237.2	228.7	220.7	212.6	205.0	198.1
40°	307.3	294.9	284.4	272.4	260.9	249.2	239.9	230.3	221.5	212.8	204.8
37.5°	339.8	322.4	307.3	291.8	278.0	264.2	252.1	241.2	230.3	220.9	212.0
35°	383.5	359.2	335.6	315.6	297.0	280.7	265.5	252.7	240.6	229.2	219.2
32.5°	445.5	409.9	371.9	344.9	319.4	298.2	280.4	264.4	250.6	238.0	226.6
30°	542.8	479.9	426.0	380.2	347.3	318.6	295.4	276.8	260.6	246.5	233.9
27.5°	701.2	573.2	498.6	430.1	379.3	343.4	313.4	289.0	270.2	254.9	241.0
25°	958.3	742.2	591.1	496.5	422.8	369.8	332.7	303.7	280.7	262.4	246.1
22.5°	1334.7	997.4	737.6	572.7	476.2	406.0	355.5	318.1	290.0	268.9	251.1
20°	1928.4	1326.5	950.9	696.1	538.8	440.6	379.7	335.0	301.5	275.8	255.6
17.5°	2639.6	1835.6	1192.4	828.9	620.0	490.7	408.0	351.3	311.5	282.1	259.3
15°	3356.2	2368.1	1563.6	1021.4	708.6	534.5	432.3	365.4	321.4	289.0	264.0
12.5°	4147.6	2938.6	1892.9	1180.6	799.9	587.2	463.3	384.3	332.2	295.8	268.6
10°	4831.2	3471.4	2288.7	1435.7	919.9	642.6	491.7	400.5	341.2	301.4	272.1
7.5°	5446.7	3926.7	2620.7	1634.8	1013.0	686.5	514.4	413.4	348.0	305.5	274.6
5°	5883.5	4274.6	2887.8	1785.2	1079.7	716.9	530.3	422.6	352.4	308.0	276.1
2.5°	6155.9	4484.0	3061.9	1874.5	1112.3	733.5	540.2	427.8	356.2	310.9	276.9
0°	6180.9	4469.2	3086.4	1917.9	1091.5	736.4	544.9	428.8	358.4	312.6	276.6
-2.5°	6155.9	4484.0	3061.9	1874.5	1112.3	733.5	540.2	427.8	356.2	310.9	276.9
-5°	5883.5	4274.6	2887.8	1785.2	1079.7	716.9	530.3	422.6	352.4	308.0	276.1
-7.5°	5446.7	3926.7	2620.7	1634.8	1013.0	686.5	514.4	413.4	348.0	305.5	274.6
-10°	4831.2	3471.4	2288.7	1435.7	919.9	642.6	491.7	400.5	341.2	301.4	272.1
-12.5°	4147.6	2938.6	1892.9	1180.6	799.9	587.2	463.3	384.3	332.2	295.8	268.6
-15°	3356.2	2368.1	1563.6	1021.4	708.6	534.5	432.3	365.4	321.4	289.0	264.0
-17.5°	2639.6	1835.6	1192.4	828.9	620.0	490.7	408.0	351.3	311.5	282.1	259.3
-20°	1928.4	1326.5	950.9	696.1	538.8	440.6	379.7	335.0	301.5	275.8	255.6

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	1334.7	997.4	737.6	572.7	476.2	406.0	355.5	318.1	290.0	268.9	251.1
-25°	958.3	742.2	591.1	496.5	422.8	369.8	332.7	303.7	280.7	262.4	246.1
-27.5°	701.2	573.2	498.6	430.1	379.3	343.4	313.4	289.0	270.2	254.9	241.0
-30°	542.8	479.9	426.0	380.2	347.3	318.6	295.4	276.8	260.6	246.5	233.9
-32.5°	445.5	409.9	371.9	344.9	319.4	298.2	280.4	264.4	250.6	238.0	226.6
-35°	383.5	359.2	335.6	315.6	297.0	280.7	265.5	252.7	240.6	229.2	219.2
-37.5°	339.8	322.4	307.3	291.8	278.0	264.2	252.1	241.2	230.3	220.9	212.0
-40°	307.3	294.9	284.4	272.4	260.9	249.2	239.9	230.3	221.5	212.8	204.8
-42.5°	282.7	274.2	265.1	255.5	245.7	237.2	228.7	220.7	212.6	205.0	198.1
-45°	263.1	256.0	248.0	240.9	233.4	226.0	218.4	211.0	203.7	197.4	191.4
-47.5°	246.3	240.6	234.5	228.3	221.9	215.2	208.2	201.0	195.2	189.6	183.4
-50°	231.9	227.2	222.0	216.5	211.0	204.8	198.3	191.7	186.4	180.9	174.9
-52.5°	218.6	214.8	210.5	205.8	200.7	194.9	188.9	182.6	177.2	171.9	165.9
-55°	206.3	203.3	199.3	195.0	190.3	184.9	179.3	173.3	167.7	162.6	155.5
-57.5°	194.2	191.5	187.6	183.7	179.6	174.2	168.6	163.3	157.4	151.2	144.3
-60°	180.2	178.5	174.3	170.1	166.0	161.6	156.3	151.0	145.6	139.2	131.7
-62.5°	162.6	160.7	157.5	154.1	150.7	147.1	142.4	137.4	132.3	126.4	118.3
-65°	143.4	141.4	139.1	137.0	134.5	131.3	127.2	122.6	117.0	110.7	103.8
-67.5°	125.9	124.3	122.5	120.5	118.1	115.0	111.0	106.2	101.1	96.0	90.6
-70°	110.0	108.7	107.1	104.9	102.1	98.8	95.1	90.9	86.6	82.0	77.3
-72.5°	93.9	92.7	91.0	88.6	85.8	82.9	79.7	76.2	72.3	68.1	64.2
-75°	77.3	76.3	74.8	72.7	70.4	67.9	65.1	62.0	58.9	55.8	52.7
-77.5°	61.1	60.0	58.6	56.8	54.9	52.8	50.6	48.4	46.1	43.7	41.3
-80°	45.3	44.5	43.5	42.2	40.7	39.0	37.1	35.4	33.6	31.9	30.4
-82.5°	30.9	30.6	30.2	29.1	27.9	26.7	25.6	24.5	23.5	22.3	21.1
-85°	17.3	17.3	17.1	16.6	16.1	15.5	14.9	14.2	13.5	12.7	11.9
-87.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
-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: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
85°	11.1	10.2	9.3	8.4	7.5	6.5	6.0	5.5	5.0	4.4	3.9
82.5°	19.9	18.6	17.3	15.9	14.5	13.0	11.5	10.0	8.3	6.8	5.8
80°	28.7	27.0	25.2	23.4	21.5	19.5	17.5	15.4	13.1	10.9	8.8
77.5°	38.7	36.0	33.2	30.9	28.7	26.4	23.9	21.0	17.9	15.0	12.3
75°	49.6	46.3	43.0	39.7	36.5	33.3	30.4	27.1	23.1	19.2	15.8
72.5°	60.8	57.1	53.0	48.9	45.1	41.2	37.3	33.0	28.5	24.0	19.4
70°	72.7	68.1	63.5	58.8	54.0	49.1	44.6	39.5	33.9	28.7	23.6
67.5°	85.0	79.5	74.1	68.7	63.3	57.6	51.9	45.9	39.7	33.4	27.7
65°	97.6	91.1	84.5	78.5	72.4	66.1	59.7	52.4	45.5	38.6	31.7
62.5°	110.4	102.9	95.5	88.3	81.4	74.5	67.3	59.1	51.2	43.6	36.0
60°	123.4	114.7	106.4	98.4	90.4	82.7	74.6	65.6	56.9	48.5	40.3
57.5°	135.7	126.2	116.8	108.0	99.4	90.8	81.7	72.1	62.5	53.4	44.5
55°	147.7	138.0	127.0	117.0	107.8	98.7	88.6	78.4	68.0	58.1	48.6
52.5°	158.3	148.6	137.2	125.8	115.5	106.0	95.2	84.5	73.5	62.7	52.5
50°	168.0	158.1	146.7	134.6	122.9	112.3	101.5	90.2	78.9	67.1	56.4
47.5°	176.3	166.8	155.5	142.9	130.4	118.5	107.2	95.6	84.0	71.7	60.1
45°	183.8	175.2	164.0	151.0	137.4	124.7	112.6	100.6	88.6	76.1	63.6
42.5°	190.8	182.5	172.2	159.0	144.5	130.7	117.7	105.3	92.8	80.3	67.2
40°	197.2	188.9	180.0	166.5	151.2	136.2	122.8	109.7	96.8	84.1	70.6
37.5°	203.5	194.9	185.6	173.4	157.4	141.9	127.5	113.9	100.7	87.5	73.8
35°	209.9	200.7	190.6	178.9	163.5	147.2	131.8	117.9	104.3	90.7	76.8
32.5°	216.0	205.9	195.2	183.5	169.0	152.0	136.0	121.7	107.7	93.7	79.6
30°	222.1	210.2	199.2	188.2	173.9	156.7	140.2	125.2	110.9	96.5	82.1
27.5°	226.8	213.9	202.7	191.9	178.0	161.0	144.2	128.5	113.8	99.1	84.4
25°	230.9	217.5	205.8	194.8	182.0	165.4	147.9	131.5	116.5	101.4	86.4
22.5°	235.1	220.7	208.4	197.3	185.9	169.4	151.3	134.5	118.8	103.5	88.2
20°	238.7	223.2	210.5	199.6	188.4	172.6	154.6	137.1	121.0	105.4	89.8
17.5°	241.8	225.8	212.7	201.5	190.2	175.2	157.4	139.4	122.8	107.0	91.3
15°	244.9	228.5	214.6	203.0	191.7	177.4	159.9	141.4	124.4	108.4	92.6
12.5°	247.6	230.4	216.0	204.0	193.0	179.1	161.8	143.0	125.7	109.7	93.8
10°	249.7	231.7	217.1	204.7	194.0	180.3	163.4	144.5	127.2	110.8	94.8
7.5°	251.1	232.4	217.7	205.0	194.7	181.4	164.9	146.1	128.5	111.7	95.6
5°	252.1	232.7	218.1	205.6	195.1	182.5	166.0	147.4	129.6	112.4	96.1
2.5°	253.3	232.8	218.1	206.0	195.1	183.1	166.7	148.3	130.4	112.8	96.5
0°	253.7	232.4	217.6	206.2	194.7	183.3	166.9	148.9	130.9	112.9	96.6
-2.5°	253.3	232.8	218.1	206.0	195.1	183.1	166.7	148.3	130.4	112.8	96.5
-5°	252.1	232.7	218.1	205.6	195.1	182.5	166.0	147.4	129.6	112.4	96.1
-7.5°	251.1	232.4	217.7	205.0	194.7	181.4	164.9	146.1	128.5	111.7	95.6
-10°	249.7	231.7	217.1	204.7	194.0	180.3	163.4	144.5	127.2	110.8	94.8
-12.5°	247.6	230.4	216.0	204.0	193.0	179.1	161.8	143.0	125.7	109.7	93.8
-15°	244.9	228.5	214.6	203.0	191.7	177.4	159.9	141.4	124.4	108.4	92.6
-17.5°	241.8	225.8	212.7	201.5	190.2	175.2	157.4	139.4	122.8	107.0	91.3
-20°	238.7	223.2	210.5	199.6	188.4	172.6	154.6	137.1	121.0	105.4	89.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	235.1	220.7	208.4	197.3	185.9	169.4	151.3	134.5	118.8	103.5	88.2
-25°	230.9	217.5	205.8	194.8	182.0	165.4	147.9	131.5	116.5	101.4	86.4
-27.5°	226.8	213.9	202.7	191.9	178.0	161.0	144.2	128.5	113.8	99.1	84.4
-30°	222.1	210.2	199.2	188.2	173.9	156.7	140.2	125.2	110.9	96.5	82.1
-32.5°	216.0	205.9	195.2	183.5	169.0	152.0	136.0	121.7	107.7	93.7	79.6
-35°	209.9	200.7	190.6	178.9	163.5	147.2	131.8	117.9	104.3	90.7	76.8
-37.5°	203.5	194.9	185.6	173.4	157.4	141.9	127.5	113.9	100.7	87.5	73.8
-40°	197.2	188.9	180.0	166.5	151.2	136.2	122.8	109.7	96.8	84.1	70.6
-42.5°	190.8	182.5	172.2	159.0	144.5	130.7	117.7	105.3	92.8	80.3	67.2
-45°	183.8	175.2	164.0	151.0	137.4	124.7	112.6	100.6	88.6	76.1	63.6
-47.5°	176.3	166.8	155.5	142.9	130.4	118.5	107.2	95.6	84.0	71.7	60.1
-50°	168.0	158.1	146.7	134.6	122.9	112.3	101.5	90.2	78.9	67.1	56.4
-52.5°	158.3	148.6	137.2	125.8	115.5	106.0	95.2	84.5	73.5	62.7	52.5
-55°	147.7	138.0	127.0	117.0	107.8	98.7	88.6	78.4	68.0	58.1	48.6
-57.5°	135.7	126.2	116.8	108.0	99.4	90.8	81.7	72.1	62.5	53.4	44.5
-60°	123.4	114.7	106.4	98.4	90.4	82.7	74.6	65.6	56.9	48.5	40.3
-62.5°	110.4	102.9	95.5	88.3	81.4	74.5	67.3	59.1	51.2	43.6	36.0
-65°	97.6	91.1	84.5	78.5	72.4	66.1	59.7	52.4	45.5	38.6	31.7
-67.5°	85.0	79.5	74.1	68.7	63.3	57.6	51.9	45.9	39.7	33.4	27.7
-70°	72.7	68.1	63.5	58.8	54.0	49.1	44.6	39.5	33.9	28.7	23.6
-72.5°	60.8	57.1	53.0	48.9	45.1	41.2	37.3	33.0	28.5	24.0	19.4
-75°	49.6	46.3	43.0	39.7	36.5	33.3	30.4	27.1	23.1	19.2	15.8
-77.5°	38.7	36.0	33.2	30.9	28.7	26.4	23.9	21.0	17.9	15.0	12.3
-80°	28.7	27.0	25.2	23.4	21.5	19.5	17.5	15.4	13.1	10.9	8.8
-82.5°	19.9	18.6	17.3	15.9	14.5	13.0	11.5	10.0	8.3	6.8	5.8
-85°	11.1	10.2	9.3	8.4	7.5	6.5	6.0	5.5	5.0	4.4	3.9
-87.5°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
-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-SA1E-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°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
80°	6.8	5.6	4.5	3.4	2.3	1.1	0.0
77.5°	9.8	7.4	5.6	4.2	2.8	1.4	0.0
75°	12.7	9.8	6.8	5.0	3.4	1.7	0.0
72.5°	15.5	12.2	8.8	5.8	3.9	2.0	0.0
70°	18.5	14.5	10.7	6.8	4.4	2.2	0.0
67.5°	22.0	16.9	12.5	8.2	5.0	2.5	0.0
65°	25.5	19.5	14.4	9.5	5.5	2.7	0.0
62.5°	29.0	22.3	16.2	10.9	6.0	3.0	0.0
60°	32.3	25.1	17.9	12.2	6.5	3.2	0.0
57.5°	35.9	27.9	20.1	13.5	7.3	3.5	0.0
55°	39.3	30.5	22.2	14.8	8.2	3.7	0.0
52.5°	42.7	33.1	24.3	16.0	9.0	4.0	0.0
50°	45.9	35.8	26.3	17.1	9.8	4.2	0.0
47.5°	48.9	38.3	28.2	18.3	10.5	4.4	0.0
45°	52.0	40.7	30.1	19.7	11.3	4.6	0.0
42.5°	54.9	43.0	31.9	21.1	11.9	4.8	0.0
40°	57.7	45.2	33.6	22.3	12.6	5.0	0.0
37.5°	60.3	47.2	35.2	23.5	13.2	5.2	0.0
35°	62.7	49.2	36.7	24.6	13.8	5.3	0.0
32.5°	65.1	51.2	38.2	25.6	14.4	5.5	0.0
30°	67.3	53.0	39.5	26.5	14.9	5.6	0.0
27.5°	69.3	54.6	40.7	27.4	15.4	5.8	0.0
25°	71.1	56.1	41.8	28.1	15.8	5.9	0.0
22.5°	72.8	57.5	42.8	28.8	16.2	6.0	0.0
20°	74.2	58.7	43.8	29.4	16.6	6.1	0.0
17.5°	75.5	59.7	44.6	29.9	16.9	6.2	0.0
15°	76.7	60.5	45.4	30.3	17.2	6.3	0.0
12.5°	77.7	61.2	46.0	30.6	17.5	6.3	0.0
10°	78.6	61.7	46.5	30.9	17.6	6.4	0.0
7.5°	79.3	62.1	46.9	31.1	17.8	6.4	0.0
5°	79.8	62.3	47.3	31.2	17.9	6.5	0.0
2.5°	80.1	62.3	47.4	31.2	18.0	6.5	0.0
0°	80.2	62.2	47.5	31.1	18.0	6.5	0.0
-2.5°	80.1	62.3	47.4	31.2	18.0	6.5	0.0
-5°	79.8	62.3	47.3	31.2	17.9	6.5	0.0
-7.5°	79.3	62.1	46.9	31.1	17.8	6.4	0.0
-10°	78.6	61.7	46.5	30.9	17.6	6.4	0.0
-12.5°	77.7	61.2	46.0	30.6	17.5	6.3	0.0
-15°	76.7	60.5	45.4	30.3	17.2	6.3	0.0
-17.5°	75.5	59.7	44.6	29.9	16.9	6.2	0.0
-20°	74.2	58.7	43.8	29.4	16.6	6.1	0.0

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CATALOG NUMBER: GFLD-SA1E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	72.8	57.5	42.8	28.8	16.2	6.0	0.0
-25°	71.1	56.1	41.8	28.1	15.8	5.9	0.0
-27.5°	69.3	54.6	40.7	27.4	15.4	5.8	0.0
-30°	67.3	53.0	39.5	26.5	14.9	5.6	0.0
-32.5°	65.1	51.2	38.2	25.6	14.4	5.5	0.0
-35°	62.7	49.2	36.7	24.6	13.8	5.3	0.0
-37.5°	60.3	47.2	35.2	23.5	13.2	5.2	0.0
-40°	57.7	45.2	33.6	22.3	12.6	5.0	0.0
-42.5°	54.9	43.0	31.9	21.1	11.9	4.8	0.0
-45°	52.0	40.7	30.1	19.7	11.3	4.6	0.0
-47.5°	48.9	38.3	28.2	18.3	10.5	4.4	0.0
-50°	45.9	35.8	26.3	17.1	9.8	4.2	0.0
-52.5°	42.7	33.1	24.3	16.0	9.0	4.0	0.0
-55°	39.3	30.5	22.2	14.8	8.2	3.7	0.0
-57.5°	35.9	27.9	20.1	13.5	7.3	3.5	0.0
-60°	32.3	25.1	17.9	12.2	6.5	3.2	0.0
-62.5°	29.0	22.3	16.2	10.9	6.0	3.0	0.0
-65°	25.5	19.5	14.4	9.5	5.5	2.7	0.0
-67.5°	22.0	16.9	12.5	8.2	5.0	2.5	0.0
-70°	18.5	14.5	10.7	6.8	4.4	2.2	0.0
-72.5°	15.5	12.2	8.8	5.8	3.9	2.0	0.0
-75°	12.7	9.8	6.8	5.0	3.4	1.7	0.0
-77.5°	9.8	7.4	5.6	4.2	2.8	1.4	0.0
-80°	6.8	5.6	4.5	3.4	2.3	1.1	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)