

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: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626813 (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-740-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N30
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

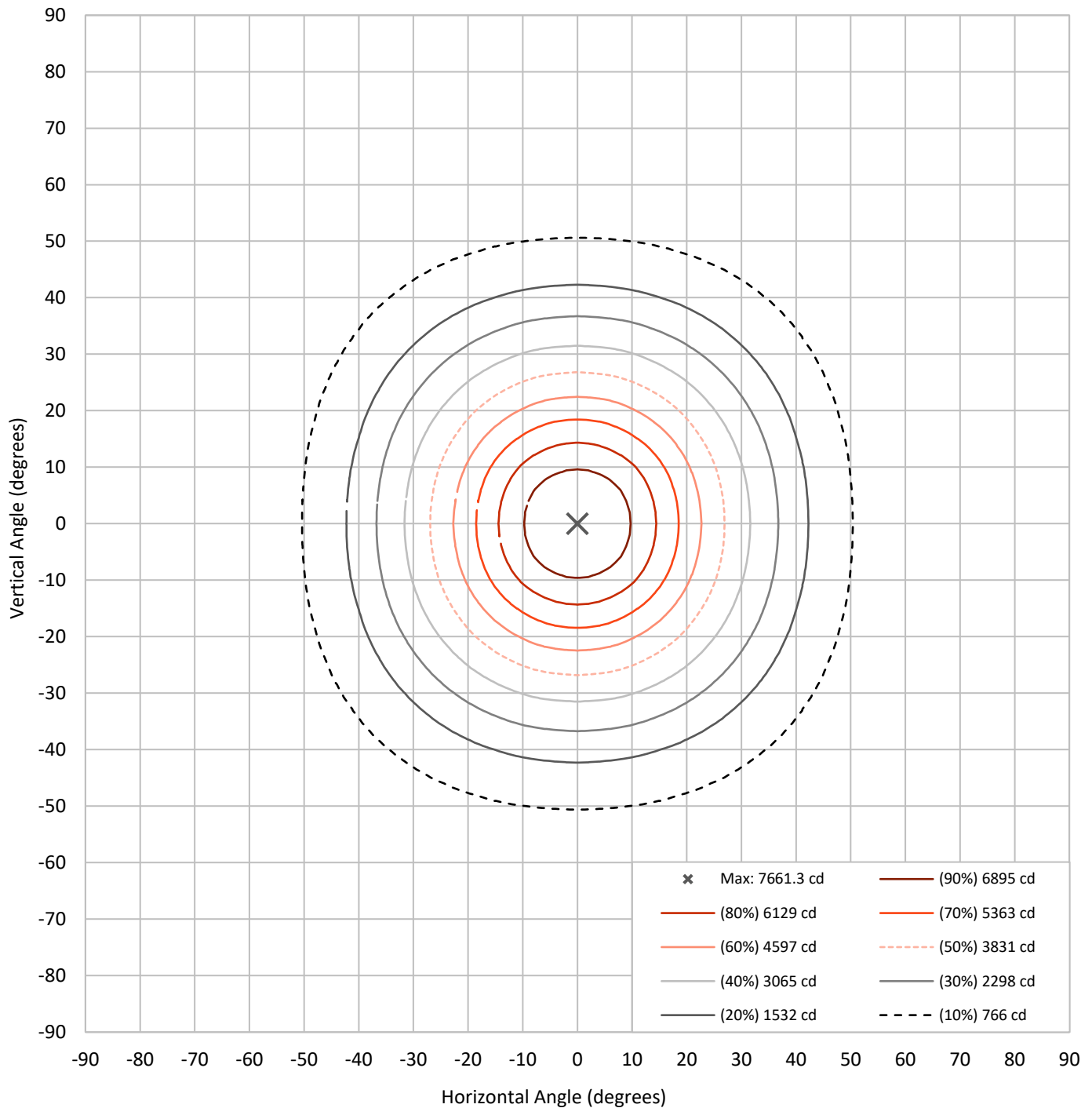
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7797.4 lumens	Max Intensity:	7661.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.8 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:	3728.3 lumens	Field Lumens:	6881.5 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





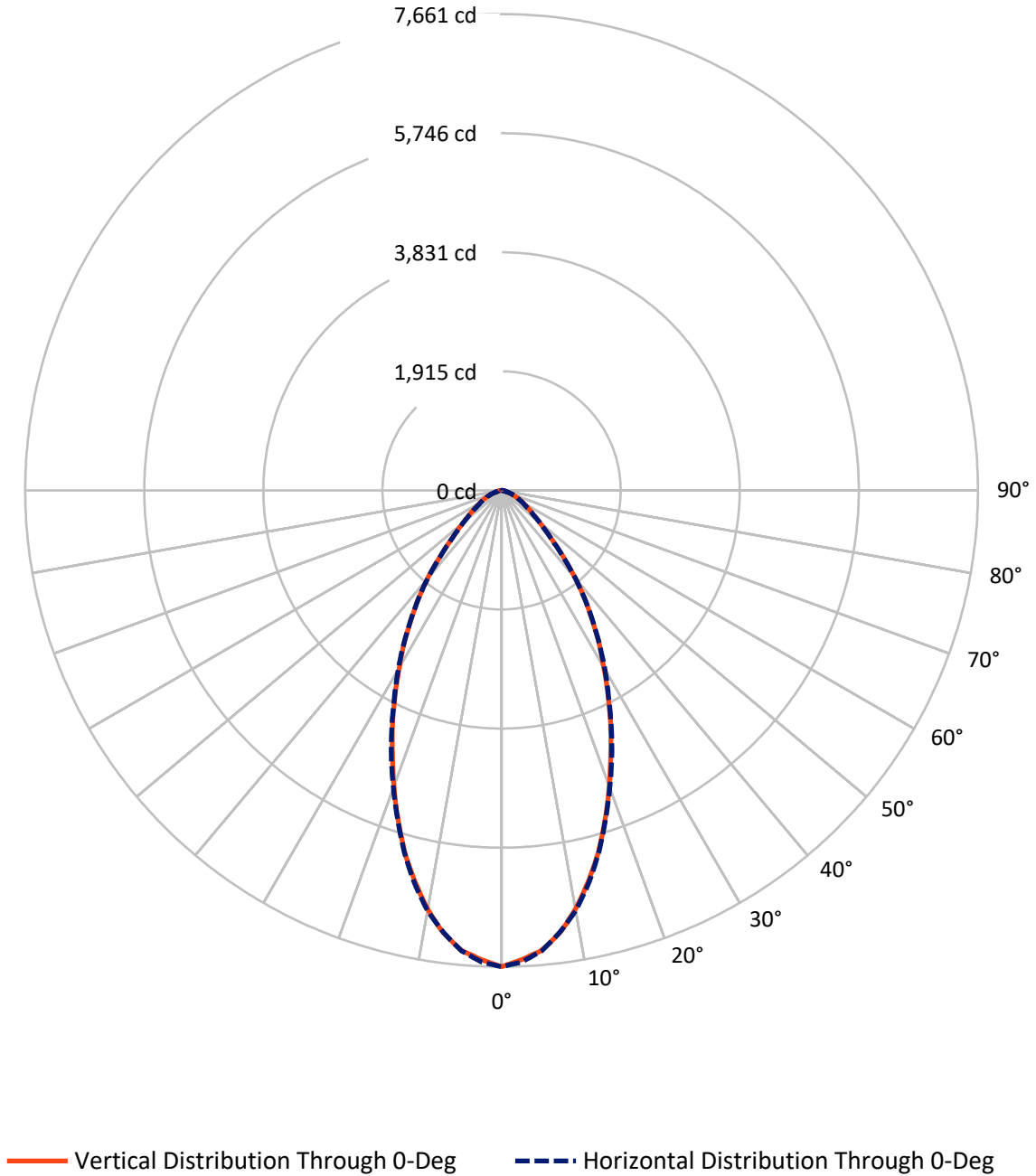
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Lumen Table

90																			
80	0.3	2.2		4.9		8.2		7.0		8.2		4.9		2.2		0.3			
70																			
60	1.0	1.2	2.2	3.6	5.2	6.7	7.9	8.5	8.5	7.9	6.7	5.2	3.6	2.2	1.2	1.0			
50		1.7	3.4	5.9	9.0	12.3	15.4	17.2	17.2	15.4	12.3	9.0	5.9	3.4	1.7				
40	1.5	2.1	4.7	8.7	14.7	22.6	31.2	36.9	36.9	31.2	22.6	14.7	8.7	4.7	2.1	1.5			
30		2.6	6.1	12.7	24.7	43.9	63.8	75.6	75.6	63.8	43.9	24.7	12.7	6.1	2.6				
20	1.8	3.0	7.6	17.8	40.0	71.8	102.8	122.8	122.8	102.8	71.8	40.0	17.8	7.6	3.0	1.8			
10		3.4	8.9	23.0	54.5	97.0	143.2	176.1	176.1	143.2	97.0	54.5	23.0	8.9	3.4				
0	1.9	3.6	9.7	26.5	62.8	112.7	171.6	215.8	215.8	171.6	112.7	62.8	26.5	9.7	3.6	1.9			
-10		3.6	9.7	26.5	62.8	112.7	171.6	215.8	215.8	171.6	112.7	62.8	26.5	9.7	3.6				
-20	1.8	3.4	8.9	23.0	54.5	97.0	143.2	176.1	176.1	143.2	97.0	54.5	23.0	8.9	3.4	1.8			
-30		3.0	7.6	17.8	40.0	71.8	102.8	122.8	122.8	102.8	71.8	40.0	17.8	7.6	3.0				
-40	1.5	2.6	6.1	12.7	24.7	43.9	63.8	75.6	75.6	63.8	43.9	24.7	12.7	6.1	2.6	1.5			
-50		2.1	4.7	8.7	14.7	22.6	31.2	36.9	36.9	31.2	22.6	14.7	8.7	4.7	2.1				
-60	1.0	1.7	3.4	5.9	9.0	12.3	15.4	17.2	17.2	15.4	12.3	9.0	5.9	3.4	1.7	1.0			
-70		1.2	2.2	3.6	5.2	6.7	7.9	8.5	8.5	7.9	6.7	5.2	3.6	2.2	1.2				
-80																			
-90	0.3	2.2		4.9		8.2		7.0		8.2		4.9		2.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

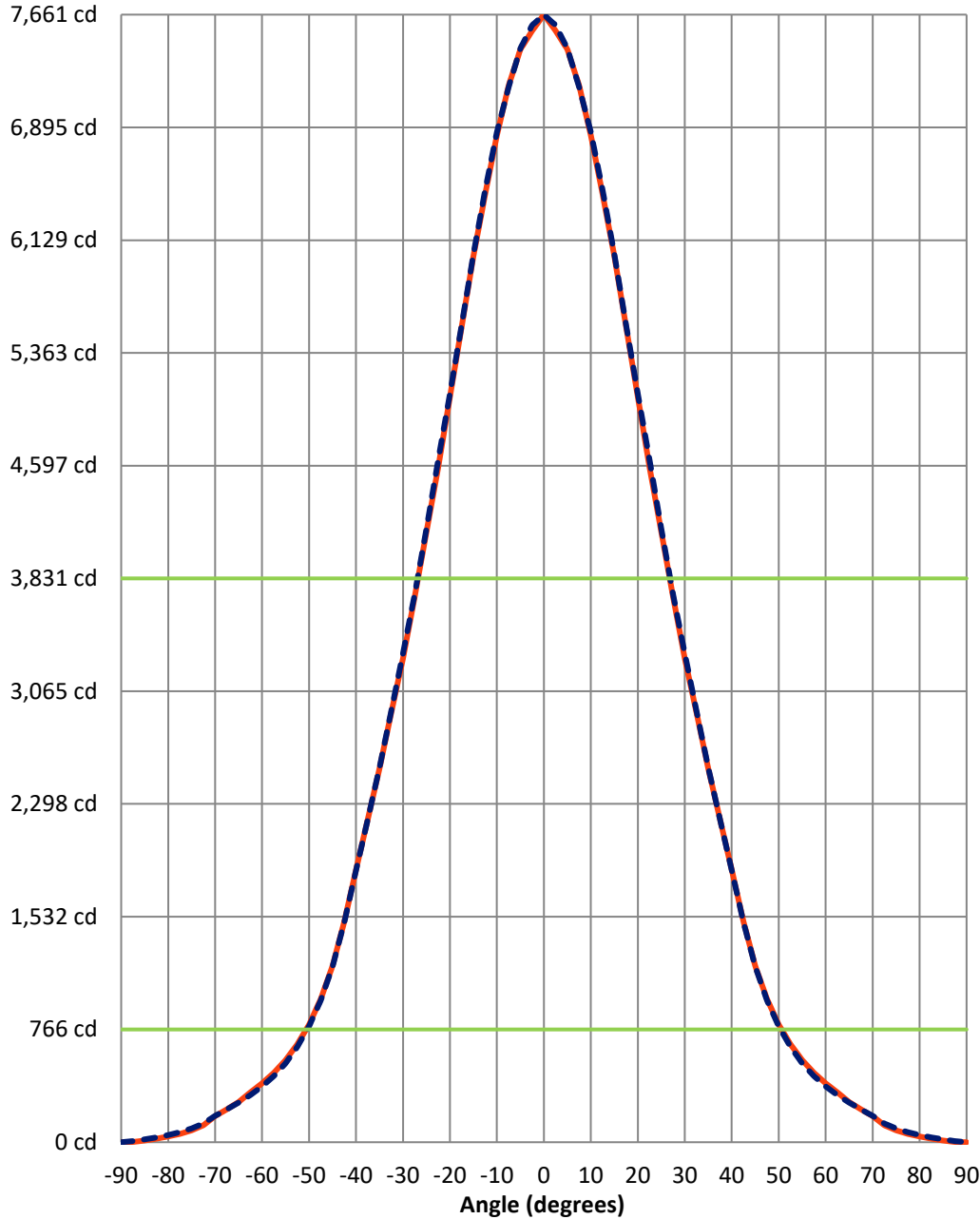
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 3728.3
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 6881.5
 Efficiency: 88.3%

Spill:
 Lumens: 915.9
 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	2.1	2.8	3.6	4.0	4.4	4.6	4.8
85°	0.0	0.8	1.8	2.9	4.2	5.7	7.3	8.1	8.7	9.2	9.6
82.5°	0.0	1.2	2.7	4.4	6.3	8.5	10.9	12.1	13.4	15.5	17.3
80°	0.0	1.6	3.6	5.8	8.4	11.3	14.8	18.4	21.5	24.3	26.7
77.5°	0.0	1.9	4.4	7.2	10.4	14.7	21.1	25.7	29.6	33.1	36.5
75°	0.0	2.3	5.3	8.6	12.6	19.1	27.2	33.0	37.7	42.4	47.5
72.5°	0.0	2.7	6.1	10.0	15.6	23.5	33.1	40.2	45.8	51.9	58.2
70°	0.0	3.0	6.9	11.4	18.5	27.7	38.7	47.1	53.9	61.1	69.7
67.5°	0.0	3.4	7.7	13.2	21.3	31.7	43.6	53.7	61.7	70.7	81.0
65°	0.0	3.7	8.5	14.9	23.9	35.3	48.3	60.2	69.5	80.0	91.7
62.5°	0.0	4.1	9.2	16.5	26.4	38.7	52.7	66.4	76.9	88.9	101.7
60°	0.0	4.4	9.9	18.0	28.8	41.9	56.8	72.3	83.9	97.4	111.3
57.5°	0.0	4.7	10.8	19.4	30.9	44.8	60.5	77.5	91.1	105.7	120.2
55°	0.0	5.0	11.6	20.7	32.9	47.5	63.9	81.7	98.1	113.7	128.7
52.5°	0.0	5.3	12.4	21.9	34.8	50.0	67.1	86.3	104.9	121.2	137.1
50°	0.0	5.5	13.2	23.0	36.5	52.3	69.9	90.6	111.3	128.6	146.2
47.5°	0.0	5.8	13.9	24.0	38.0	54.3	72.5	94.5	117.8	135.8	155.2
45°	0.0	6.0	14.6	24.9	39.3	56.2	75.5	98.0	122.4	143.6	163.8
42.5°	0.0	6.3	15.2	25.8	40.5	57.7	78.2	101.4	126.6	151.1	172.8
40°	0.0	6.5	15.8	26.8	41.5	59.1	80.5	104.8	130.7	158.0	181.5
37.5°	0.0	6.7	16.4	27.7	42.4	60.2	82.5	107.8	135.3	163.5	189.7
35°	0.0	6.9	16.9	28.6	43.2	61.4	84.1	110.5	139.7	169.6	198.2
32.5°	0.0	7.0	17.4	29.4	43.7	62.6	85.7	112.9	143.8	175.7	206.8
30°	0.0	7.2	17.8	30.2	44.1	63.5	87.3	115.2	147.8	182.0	214.9
27.5°	0.0	7.3	18.2	30.8	45.1	64.1	88.7	118.0	151.9	188.2	222.6
25°	0.0	7.4	18.6	31.4	46.0	64.5	89.8	120.6	156.5	194.3	229.7
22.5°	0.0	7.5	18.9	31.9	46.8	65.0	90.6	122.8	160.9	199.9	237.4
20°	0.0	7.6	19.1	32.2	47.5	66.2	91.0	124.7	165.0	204.9	244.4
17.5°	0.0	7.6	19.3	32.6	48.0	67.2	92.0	126.3	168.8	209.4	250.5
15°	0.0	7.7	19.5	32.8	48.5	67.9	93.3	127.7	172.2	213.2	255.8
12.5°	0.0	7.7	19.6	32.9	48.8	68.5	94.2	129.0	175.1	216.4	260.1
10°	0.0	7.7	19.7	33.0	49.0	68.8	94.7	129.7	177.4	219.0	263.7
7.5°	0.0	7.7	19.7	33.0	49.1	69.0	94.9	129.9	178.9	221.1	266.4
5°	0.0	7.7	19.7	32.9	49.1	68.9	94.8	129.5	179.8	222.5	268.3
2.5°	0.0	7.7	19.6	32.7	49.0	68.6	94.4	128.6	179.9	223.2	269.1
0°	0.0	7.6	19.5	32.5	48.7	68.2	93.7	127.2	179.2	223.1	269.1
-2.5°	0.0	7.7	19.6	32.7	49.0	68.6	94.4	128.6	179.9	223.2	269.1
-5°	0.0	7.7	19.7	32.9	49.1	68.9	94.8	129.5	179.8	222.5	268.3
-7.5°	0.0	7.7	19.7	33.0	49.1	69.0	94.9	129.9	178.9	221.1	266.4
-10°	0.0	7.7	19.7	33.0	49.0	68.8	94.7	129.7	177.4	219.0	263.7
-12.5°	0.0	7.7	19.6	32.9	48.8	68.5	94.2	129.0	175.1	216.4	260.1
-15°	0.0	7.7	19.5	32.8	48.5	67.9	93.3	127.7	172.2	213.2	255.8
-17.5°	0.0	7.6	19.3	32.6	48.0	67.2	92.0	126.3	168.8	209.4	250.5
-20°	0.0	7.6	19.1	32.2	47.5	66.2	91.0	124.7	165.0	204.9	244.4

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1E-740-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	7.5	18.9	31.9	46.8	65.0	90.6	122.8	160.9	199.9	237.4
-25°	0.0	7.4	18.6	31.4	46.0	64.5	89.8	120.6	156.5	194.3	229.7
-27.5°	0.0	7.3	18.2	30.8	45.1	64.1	88.7	118.0	151.9	188.2	222.6
-30°	0.0	7.2	17.8	30.2	44.1	63.5	87.3	115.2	147.8	182.0	214.9
-32.5°	0.0	7.0	17.4	29.4	43.7	62.6	85.7	112.9	143.8	175.7	206.8
-35°	0.0	6.9	16.9	28.6	43.2	61.4	84.1	110.5	139.7	169.6	198.2
-37.5°	0.0	6.7	16.4	27.7	42.4	60.2	82.5	107.8	135.3	163.5	189.7
-40°	0.0	6.5	15.8	26.8	41.5	59.1	80.5	104.8	130.7	158.0	181.5
-42.5°	0.0	6.3	15.2	25.8	40.5	57.7	78.2	101.4	126.6	151.1	172.8
-45°	0.0	6.0	14.6	24.9	39.3	56.2	75.5	98.0	122.4	143.6	163.8
-47.5°	0.0	5.8	13.9	24.0	38.0	54.3	72.5	94.5	117.8	135.8	155.2
-50°	0.0	5.5	13.2	23.0	36.5	52.3	69.9	90.6	111.3	128.6	146.2
-52.5°	0.0	5.3	12.4	21.9	34.8	50.0	67.1	86.3	104.9	121.2	137.1
-55°	0.0	5.0	11.6	20.7	32.9	47.5	63.9	81.7	98.1	113.7	128.7
-57.5°	0.0	4.7	10.8	19.4	30.9	44.8	60.5	77.5	91.1	105.7	120.2
-60°	0.0	4.4	9.9	18.0	28.8	41.9	56.8	72.3	83.9	97.4	111.3
-62.5°	0.0	4.1	9.2	16.5	26.4	38.7	52.7	66.4	76.9	88.9	101.7
-65°	0.0	3.7	8.5	14.9	23.9	35.3	48.3	60.2	69.5	80.0	91.7
-67.5°	0.0	3.4	7.7	13.2	21.3	31.7	43.6	53.7	61.7	70.7	81.0
-70°	0.0	3.0	6.9	11.4	18.5	27.7	38.7	47.1	53.9	61.1	69.7
-72.5°	0.0	2.7	6.1	10.0	15.6	23.5	33.1	40.2	45.8	51.9	58.2
-75°	0.0	2.3	5.3	8.6	12.6	19.1	27.2	33.0	37.7	42.4	47.5
-77.5°	0.0	1.9	4.4	7.2	10.4	14.7	21.1	25.7	29.6	33.1	36.5
-80°	0.0	1.6	3.6	5.8	8.4	11.3	14.8	18.4	21.5	24.3	26.7
-82.5°	0.0	1.2	2.7	4.4	6.3	8.5	10.9	12.1	13.4	15.5	17.3
-85°	0.0	0.8	1.8	2.9	4.2	5.7	7.3	8.1	8.7	9.2	9.6
-87.5°	0.0	0.4	0.9	1.5	2.1	2.8	3.6	4.0	4.4	4.6	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA1E-740-U-WR-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°	4.9	4.9	4.8	4.6	4.4	4.2	3.9	3.5	3.6	3.8	3.9
85°	9.8	9.8	10.6	11.3	11.7	11.7	11.5	11.0	12.4	14.1	15.8
82.5°	19.1	20.7	22.3	23.8	23.9	23.5	22.8	21.9	24.8	28.3	32.0
80°	29.2	31.7	34.5	37.1	37.7	37.5	36.6	35.3	39.1	44.5	50.4
77.5°	40.6	44.4	48.0	51.4	52.3	52.2	51.6	50.5	55.4	62.8	70.6
75°	52.5	57.2	61.8	65.9	67.6	67.8	67.6	68.8	75.1	83.9	91.6
72.5°	65.0	70.9	76.2	80.6	83.4	85.6	88.4	91.9	98.3	107.0	114.6
70°	78.1	84.8	90.3	95.3	99.6	104.2	110.2	116.1	122.9	131.6	139.4
67.5°	91.1	97.9	104.1	110.2	118.0	125.5	133.0	140.7	149.3	158.3	166.3
65°	103.2	110.8	118.4	127.3	137.4	145.9	155.1	165.2	176.5	186.6	195.8
62.5°	114.8	123.3	132.7	143.5	154.5	165.1	177.5	190.4	203.6	216.3	228.9
60°	124.5	135.2	146.6	158.7	171.5	185.9	200.4	215.8	231.5	246.9	262.5
57.5°	133.9	147.1	160.2	174.4	190.2	206.8	224.1	241.5	260.3	278.8	296.5
55°	143.6	159.2	174.2	190.9	209.1	228.5	248.1	269.2	289.9	313.3	334.8
52.5°	154.0	170.9	188.6	207.7	228.9	250.8	273.9	298.0	323.8	349.7	376.1
50°	164.2	183.3	202.9	225.8	249.5	274.6	301.1	329.3	359.3	389.3	421.2
47.5°	174.8	195.2	219.1	244.0	271.2	299.7	329.7	363.2	396.6	434.4	471.0
45°	185.3	208.7	234.6	263.6	293.4	325.5	361.3	398.1	440.7	483.4	531.4
42.5°	195.4	222.3	251.6	282.6	316.5	353.4	393.0	439.3	487.3	540.1	596.5
40°	206.9	235.3	268.3	302.9	339.7	381.9	429.5	480.9	539.5	602.1	666.1
37.5°	218.1	250.0	284.8	322.4	365.1	412.6	465.2	528.1	595.7	666.9	754.0
35°	228.6	264.0	301.9	343.0	389.2	444.3	507.2	576.7	654.6	746.4	848.0
32.5°	239.8	277.2	317.9	364.0	416.4	476.5	548.0	629.8	722.0	826.6	953.7
30°	251.0	290.9	333.9	383.8	442.0	511.6	592.8	683.3	789.3	920.5	1069.7
27.5°	261.4	303.7	350.7	404.7	467.0	544.0	635.9	741.9	866.9	1015.1	1189.4
25°	270.9	315.3	366.2	424.6	494.4	578.9	678.5	796.0	944.4	1121.2	1335.7
22.5°	280.0	325.9	380.2	442.5	519.2	612.7	724.8	859.2	1023.3	1221.8	1478.9
20°	288.6	337.3	394.1	459.6	541.3	643.2	767.4	918.3	1105.0	1339.9	1619.4
17.5°	296.1	347.4	407.2	478.2	566.0	674.3	807.5	970.4	1177.7	1445.4	1749.0
15°	302.5	356.1	418.6	494.2	588.2	705.1	849.7	1027.6	1253.6	1541.4	1862.8
12.5°	307.9	363.3	428.2	507.7	606.8	731.1	885.7	1078.5	1327.5	1631.8	1962.7
10°	312.2	369.2	435.8	518.6	621.8	752.3	915.3	1120.2	1389.0	1709.2	2047.2
7.5°	315.8	373.7	441.7	526.8	633.2	768.5	938.4	1152.4	1437.0	1770.6	2112.1
5°	318.3	377.0	446.2	532.6	641.5	779.8	954.5	1174.9	1471.2	1815.0	2156.4
2.5°	319.7	378.7	448.8	535.7	646.7	786.1	963.0	1189.0	1490.0	1840.4	2183.3
0°	320.0	379.0	449.4	536.1	648.1	787.3	964.4	1193.4	1493.9	1847.0	2193.0
-2.5°	319.7	378.7	448.8	535.7	646.7	786.1	963.0	1189.0	1490.0	1840.4	2183.3
-5°	318.3	377.0	446.2	532.6	641.5	779.8	954.5	1174.9	1471.2	1815.0	2156.4
-7.5°	315.8	373.7	441.7	526.8	633.2	768.5	938.4	1152.4	1437.0	1770.6	2112.1
-10°	312.2	369.2	435.8	518.6	621.8	752.3	915.3	1120.2	1389.0	1709.2	2047.2
-12.5°	307.9	363.3	428.2	507.7	606.8	731.1	885.7	1078.5	1327.5	1631.8	1962.7
-15°	302.5	356.1	418.6	494.2	588.2	705.1	849.7	1027.6	1253.6	1541.4	1862.8
-17.5°	296.1	347.4	407.2	478.2	566.0	674.3	807.5	970.4	1177.7	1445.4	1749.0
-20°	288.6	337.3	394.1	459.6	541.3	643.2	767.4	918.3	1105.0	1339.9	1619.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	280.0	325.9	380.2	442.5	519.2	612.7	724.8	859.2	1023.3	1221.8	1478.9
-25°	270.9	315.3	366.2	424.6	494.4	578.9	678.5	796.0	944.4	1121.2	1335.7
-27.5°	261.4	303.7	350.7	404.7	467.0	544.0	635.9	741.9	866.9	1015.1	1189.4
-30°	251.0	290.9	333.9	383.8	442.0	511.6	592.8	683.3	789.3	920.5	1069.7
-32.5°	239.8	277.2	317.9	364.0	416.4	476.5	548.0	629.8	722.0	826.6	953.7
-35°	228.6	264.0	301.9	343.0	389.2	444.3	507.2	576.7	654.6	746.4	848.0
-37.5°	218.1	250.0	284.8	322.4	365.1	412.6	465.2	528.1	595.7	666.9	754.0
-40°	206.9	235.3	268.3	302.9	339.7	381.9	429.5	480.9	539.5	602.1	666.1
-42.5°	195.4	222.3	251.6	282.6	316.5	353.4	393.0	439.3	487.3	540.1	596.5
-45°	185.3	208.7	234.6	263.6	293.4	325.5	361.3	398.1	440.7	483.4	531.4
-47.5°	174.8	195.2	219.1	244.0	271.2	299.7	329.7	363.2	396.6	434.4	471.0
-50°	164.2	183.3	202.9	225.8	249.5	274.6	301.1	329.3	359.3	389.3	421.2
-52.5°	154.0	170.9	188.6	207.7	228.9	250.8	273.9	298.0	323.8	349.7	376.1
-55°	143.6	159.2	174.2	190.9	209.1	228.5	248.1	269.2	289.9	313.3	334.8
-57.5°	133.9	147.1	160.2	174.4	190.2	206.8	224.1	241.5	260.3	278.8	296.5
-60°	124.5	135.2	146.6	158.7	171.5	185.9	200.4	215.8	231.5	246.9	262.5
-62.5°	114.8	123.3	132.7	143.5	154.5	165.1	177.5	190.4	203.6	216.3	228.9
-65°	103.2	110.8	118.4	127.3	137.4	145.9	155.1	165.2	176.5	186.6	195.8
-67.5°	91.1	97.9	104.1	110.2	118.0	125.5	133.0	140.7	149.3	158.3	166.3
-70°	78.1	84.8	90.3	95.3	99.6	104.2	110.2	116.1	122.9	131.6	139.4
-72.5°	65.0	70.9	76.2	80.6	83.4	85.6	88.4	91.9	98.3	107.0	114.6
-75°	52.5	57.2	61.8	65.9	67.6	67.8	67.6	68.8	75.1	83.9	91.6
-77.5°	40.6	44.4	48.0	51.4	52.3	52.2	51.6	50.5	55.4	62.8	70.6
-80°	29.2	31.7	34.5	37.1	37.7	37.5	36.6	35.3	39.1	44.5	50.4
-82.5°	19.1	20.7	22.3	23.8	23.9	23.5	22.8	21.9	24.8	28.3	32.0
-85°	9.8	9.8	10.6	11.3	11.7	11.7	11.5	11.0	12.4	14.1	15.8
-87.5°	4.9	4.9	4.8	4.6	4.4	4.2	3.9	3.5	3.6	3.8	3.9
-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: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	4.0	3.9	3.8	3.6	3.4	3.4	3.3	3.2	3.1	2.9	2.7
85°	17.6	18.0	18.2	18.4	18.4	18.9	19.5	20.0	20.4	18.5	16.4
82.5°	35.8	37.5	39.0	40.4	41.9	42.9	43.6	44.2	44.5	40.3	35.5
80°	56.4	59.9	62.8	65.6	68.3	68.9	68.9	68.5	67.8	62.0	55.5
77.5°	78.4	83.0	86.7	90.3	93.9	95.2	95.8	96.3	96.7	89.5	80.7
75°	98.4	103.9	109.0	113.8	118.1	120.5	121.9	123.0	123.9	116.7	107.3
72.5°	121.2	127.0	132.5	137.8	142.5	145.6	147.6	149.2	150.5	146.4	140.6
70°	146.2	152.3	158.1	163.6	168.9	173.0	176.3	179.1	181.4	181.9	181.7
67.5°	174.0	181.1	188.1	194.1	200.4	206.2	211.4	215.7	219.1	221.4	222.6
65°	205.2	215.9	225.5	233.6	240.3	248.1	255.1	260.3	264.0	266.8	269.3
62.5°	242.0	255.0	265.9	276.7	287.8	298.6	305.4	312.1	318.8	325.0	330.3
60°	277.4	291.6	306.4	320.2	332.9	344.7	356.8	367.5	376.9	384.8	390.6
57.5°	315.1	332.5	349.2	366.7	383.2	398.5	413.5	427.3	439.3	449.3	457.5
55°	356.1	377.3	397.2	419.4	441.0	460.6	478.6	497.1	513.8	528.5	540.1
52.5°	400.2	427.8	454.3	480.3	508.2	533.3	555.8	581.5	604.2	623.0	637.7
50°	453.0	485.4	520.3	552.6	587.7	622.3	654.2	685.2	715.4	741.5	762.7
47.5°	513.0	552.9	596.1	638.9	682.5	729.8	772.0	811.3	853.5	890.3	919.7
45°	579.7	630.6	682.8	742.9	798.3	859.1	915.3	965.9	1025.9	1078.7	1121.2
42.5°	653.8	721.5	790.1	865.9	939.4	1016.6	1098.6	1171.3	1250.8	1326.6	1387.9
40°	745.5	826.5	918.4	1010.1	1115.6	1214.7	1334.2	1442.7	1541.2	1631.7	1705.8
37.5°	847.5	951.7	1067.2	1186.6	1331.0	1472.5	1612.3	1744.3	1860.8	1959.8	2042.8
35°	963.2	1095.6	1235.5	1409.9	1579.1	1748.6	1906.5	2050.7	2177.5	2289.1	2384.0
32.5°	1096.4	1255.3	1451.1	1647.0	1840.0	2026.6	2200.0	2357.3	2496.2	2621.6	2730.7
30°	1236.3	1453.2	1672.9	1887.9	2098.6	2303.0	2493.3	2666.6	2823.6	2963.2	3088.9
27.5°	1414.2	1654.5	1894.2	2125.8	2357.7	2581.4	2787.6	2980.1	3160.4	3318.1	3461.8
25°	1586.3	1851.7	2106.5	2359.1	2611.5	2851.7	3082.2	3299.7	3506.1	3687.0	3847.5
22.5°	1758.3	2036.1	2308.4	2580.0	2851.1	3118.9	3377.7	3626.9	3857.7	4063.8	4244.4
20°	1917.6	2208.0	2499.2	2792.0	3085.9	3379.0	3669.7	3950.1	4207.3	4445.2	4654.3
17.5°	2060.4	2369.3	2678.0	2991.2	3309.8	3628.0	3951.0	4265.3	4559.3	4830.0	5072.5
15°	2186.9	2509.2	2840.8	3178.8	3520.8	3866.4	4218.9	4570.5	4901.4	5208.9	5479.7
12.5°	2297.5	2632.6	2980.1	3339.2	3710.5	4087.0	4471.6	4857.1	5223.4	5578.4	5870.8
10°	2388.8	2737.6	3100.7	3478.1	3869.6	4274.8	4687.5	5102.4	5506.0	5882.6	6216.9
7.5°	2459.3	2821.1	3195.3	3587.8	3998.6	4425.8	4863.0	5303.3	5734.0	6139.8	6509.8
5°	2509.0	2881.9	3260.9	3669.1	4094.1	4536.9	4991.3	5450.1	5900.4	6327.0	6710.5
2.5°	2537.8	2918.4	3299.0	3718.4	4151.0	4604.1	5070.8	5537.2	5999.4	6441.9	6835.8
0°	2545.5	2929.4	3320.9	3723.7	4168.8	4635.6	5085.5	5553.4	6033.7	6470.1	6862.7
-2.5°	2537.8	2918.4	3299.0	3718.4	4151.0	4604.1	5070.8	5537.2	5999.4	6441.9	6835.8
-5°	2509.0	2881.9	3260.9	3669.1	4094.1	4536.9	4991.3	5450.1	5900.4	6327.0	6710.5
-7.5°	2459.3	2821.1	3195.3	3587.8	3998.6	4425.8	4863.0	5303.3	5734.0	6139.8	6509.8
-10°	2388.8	2737.6	3100.7	3478.1	3869.6	4274.8	4687.5	5102.4	5506.0	5882.6	6216.9
-12.5°	2297.5	2632.6	2980.1	3339.2	3710.5	4087.0	4471.6	4857.1	5223.4	5578.4	5870.8
-15°	2186.9	2509.2	2840.8	3178.8	3520.8	3866.4	4218.9	4570.5	4901.4	5208.9	5479.7
-17.5°	2060.4	2369.3	2678.0	2991.2	3309.8	3628.0	3951.0	4265.3	4559.3	4830.0	5072.5
-20°	1917.6	2208.0	2499.2	2792.0	3085.9	3379.0	3669.7	3950.1	4207.3	4445.2	4654.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1758.3	2036.1	2308.4	2580.0	2851.1	3118.9	3377.7	3626.9	3857.7	4063.8	4244.4
-25°	1586.3	1851.7	2106.5	2359.1	2611.5	2851.7	3082.2	3299.7	3506.1	3687.0	3847.5
-27.5°	1414.2	1654.5	1894.2	2125.8	2357.7	2581.4	2787.6	2980.1	3160.4	3318.1	3461.8
-30°	1236.3	1453.2	1672.9	1887.9	2098.6	2303.0	2493.3	2666.6	2823.6	2963.2	3088.9
-32.5°	1096.4	1255.3	1451.1	1647.0	1840.0	2026.6	2200.0	2357.3	2496.2	2621.6	2730.7
-35°	963.2	1095.6	1235.5	1409.9	1579.1	1748.6	1906.5	2050.7	2177.5	2289.1	2384.0
-37.5°	847.5	951.7	1067.2	1186.6	1331.0	1472.5	1612.3	1744.3	1860.8	1959.8	2042.8
-40°	745.5	826.5	918.4	1010.1	1115.6	1214.7	1334.2	1442.7	1541.2	1631.7	1705.8
-42.5°	653.8	721.5	790.1	865.9	939.4	1016.6	1098.6	1171.3	1250.8	1326.6	1387.9
-45°	579.7	630.6	682.8	742.9	798.3	859.1	915.3	965.9	1025.9	1078.7	1121.2
-47.5°	513.0	552.9	596.1	638.9	682.5	729.8	772.0	811.3	853.5	890.3	919.7
-50°	453.0	485.4	520.3	552.6	587.7	622.3	654.2	685.2	715.4	741.5	762.7
-52.5°	400.2	427.8	454.3	480.3	508.2	533.3	555.8	581.5	604.2	623.0	637.7
-55°	356.1	377.3	397.2	419.4	441.0	460.6	478.6	497.1	513.8	528.5	540.1
-57.5°	315.1	332.5	349.2	366.7	383.2	398.5	413.5	427.3	439.3	449.3	457.5
-60°	277.4	291.6	306.4	320.2	332.9	344.7	356.8	367.5	376.9	384.8	390.6
-62.5°	242.0	255.0	265.9	276.7	287.8	298.6	305.4	312.1	318.8	325.0	330.3
-65°	205.2	215.9	225.5	233.6	240.3	248.1	255.1	260.3	264.0	266.8	269.3
-67.5°	174.0	181.1	188.1	194.1	200.4	206.2	211.4	215.7	219.1	221.4	222.6
-70°	146.2	152.3	158.1	163.6	168.9	173.0	176.3	179.1	181.4	181.9	181.7
-72.5°	121.2	127.0	132.5	137.8	142.5	145.6	147.6	149.2	150.5	146.4	140.6
-75°	98.4	103.9	109.0	113.8	118.1	120.5	121.9	123.0	123.9	116.7	107.3
-77.5°	78.4	83.0	86.7	90.3	93.9	95.2	95.8	96.3	96.7	89.5	80.7
-80°	56.4	59.9	62.8	65.6	68.3	68.9	68.9	68.5	67.8	62.0	55.5
-82.5°	35.8	37.5	39.0	40.4	41.9	42.9	43.6	44.2	44.5	40.3	35.5
-85°	17.6	18.0	18.2	18.4	18.4	18.9	19.5	20.0	20.4	18.5	16.4
-87.5°	4.0	3.9	3.8	3.6	3.4	3.4	3.3	3.2	3.1	2.9	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: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	2.4	2.2	1.9	1.6	1.9	2.2	2.4	2.7	2.9	3.1	3.2
85°	14.2	11.8	11.6	11.4	11.6	11.8	14.2	16.4	18.5	20.4	20.0
82.5°	30.5	25.3	24.6	23.8	24.6	25.3	30.5	35.5	40.3	44.5	44.2
80°	48.7	41.7	40.3	39.0	40.3	41.7	48.7	55.5	62.0	67.8	68.5
77.5°	71.5	61.8	59.0	56.3	59.0	61.8	71.5	80.7	89.5	96.7	96.3
75°	97.5	87.3	83.9	80.7	83.9	87.3	97.5	107.3	116.7	123.9	123.0
72.5°	134.6	128.4	122.2	115.3	122.2	128.4	134.6	140.6	146.4	150.5	149.2
70°	181.5	181.1	179.5	177.1	179.5	181.1	181.5	181.7	181.9	181.4	179.1
67.5°	223.2	223.0	223.5	223.6	223.5	223.0	223.2	222.6	221.4	219.1	215.7
65°	270.8	271.3	272.4	272.9	272.4	271.3	270.8	269.3	266.8	264.0	260.3
62.5°	334.4	337.2	338.5	338.4	338.5	337.2	334.4	330.3	325.0	318.8	312.1
60°	395.0	397.9	399.7	400.2	399.7	397.9	395.0	390.6	384.8	376.9	367.5
57.5°	464.0	468.8	471.3	471.6	471.3	468.8	464.0	457.5	449.3	439.3	427.3
55°	549.0	555.2	558.0	557.7	558.0	555.2	549.0	540.1	528.5	513.8	497.1
52.5°	648.7	656.4	662.1	665.5	662.1	656.4	648.7	637.7	623.0	604.2	581.5
50°	778.6	789.5	796.4	799.2	796.4	789.5	778.6	762.7	741.5	715.4	685.2
47.5°	941.0	955.4	966.1	973.6	966.1	955.4	941.0	919.7	890.3	853.5	811.3
45°	1152.6	1174.6	1189.6	1198.3	1189.6	1174.6	1152.6	1121.2	1078.7	1025.9	965.9
42.5°	1435.7	1469.9	1490.8	1498.8	1490.8	1469.9	1435.7	1387.9	1326.6	1250.8	1171.3
40°	1764.3	1805.3	1832.2	1850.8	1832.2	1805.3	1764.3	1705.8	1631.7	1541.2	1442.7
37.5°	2106.4	2149.5	2175.7	2193.5	2175.7	2149.5	2106.4	2042.8	1959.8	1860.8	1744.3
35°	2455.5	2500.6	2525.2	2539.0	2525.2	2500.6	2455.5	2384.0	2289.1	2177.5	2050.7
32.5°	2813.9	2863.6	2890.4	2918.0	2890.4	2863.6	2813.9	2730.7	2621.6	2496.2	2357.3
30°	3188.3	3245.3	3273.2	3286.8	3273.2	3245.3	3188.3	3088.9	2963.2	2823.6	2666.6
27.5°	3577.8	3648.9	3683.9	3706.9	3683.9	3648.9	3577.8	3461.8	3318.1	3160.4	2980.1
25°	3983.1	4071.1	4111.3	4147.2	4111.3	4071.1	3983.1	3847.5	3687.0	3506.1	3299.7
22.5°	4403.6	4513.2	4559.7	4585.2	4559.7	4513.2	4403.6	4244.4	4063.8	3857.7	3626.9
20°	4835.0	4966.1	5030.7	5063.9	5030.7	4966.1	4835.0	4654.3	4445.2	4207.3	3950.1
17.5°	5276.3	5439.3	5522.9	5542.0	5522.9	5439.3	5276.3	5072.5	4830.0	4559.3	4265.3
15°	5709.4	5885.8	5984.5	6020.7	5984.5	5885.8	5709.4	5479.7	5208.9	4901.4	4570.5
12.5°	6119.6	6302.4	6420.4	6441.4	6420.4	6302.4	6119.6	5870.8	5578.4	5223.4	4857.1
10°	6491.7	6681.0	6811.3	6841.0	6811.3	6681.0	6491.7	6216.9	5882.6	5506.0	5102.4
7.5°	6802.7	7010.5	7154.4	7179.4	7154.4	7010.5	6802.7	6509.8	6139.8	5734.0	5303.3
5°	7030.2	7276.9	7395.0	7424.7	7395.0	7276.9	7030.2	6710.5	6327.0	5900.4	5450.1
2.5°	7155.1	7406.2	7570.4	7551.4	7570.4	7406.2	7155.1	6835.8	6441.9	5999.4	5537.2
0°	7169.1	7431.7	7588.8	7661.3	7588.8	7431.7	7169.1	6862.7	6470.1	6033.7	5553.4
-2.5°	7155.1	7406.2	7570.4	7551.4	7570.4	7406.2	7155.1	6835.8	6441.9	5999.4	5537.2
-5°	7030.2	7276.9	7395.0	7424.7	7395.0	7276.9	7030.2	6710.5	6327.0	5900.4	5450.1
-7.5°	6802.7	7010.5	7154.4	7179.4	7154.4	7010.5	6802.7	6509.8	6139.8	5734.0	5303.3
-10°	6491.7	6681.0	6811.3	6841.0	6811.3	6681.0	6491.7	6216.9	5882.6	5506.0	5102.4
-12.5°	6119.6	6302.4	6420.4	6441.4	6420.4	6302.4	6119.6	5870.8	5578.4	5223.4	4857.1
-15°	5709.4	5885.8	5984.5	6020.7	5984.5	5885.8	5709.4	5479.7	5208.9	4901.4	4570.5
-17.5°	5276.3	5439.3	5522.9	5542.0	5522.9	5439.3	5276.3	5072.5	4830.0	4559.3	4265.3
-20°	4835.0	4966.1	5030.7	5063.9	5030.7	4966.1	4835.0	4654.3	4445.2	4207.3	3950.1



REPORT NUMBER: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	4403.6	4513.2	4559.7	4585.2	4559.7	4513.2	4403.6	4244.4	4063.8	3857.7	3626.9
-25°	3983.1	4071.1	4111.3	4147.2	4111.3	4071.1	3983.1	3847.5	3687.0	3506.1	3299.7
-27.5°	3577.8	3648.9	3683.9	3706.9	3683.9	3648.9	3577.8	3461.8	3318.1	3160.4	2980.1
-30°	3188.3	3245.3	3273.2	3286.8	3273.2	3245.3	3188.3	3088.9	2963.2	2823.6	2666.6
-32.5°	2813.9	2863.6	2890.4	2918.0	2890.4	2863.6	2813.9	2730.7	2621.6	2496.2	2357.3
-35°	2455.5	2500.6	2525.2	2539.0	2525.2	2500.6	2455.5	2384.0	2289.1	2177.5	2050.7
-37.5°	2106.4	2149.5	2175.7	2193.5	2175.7	2149.5	2106.4	2042.8	1959.8	1860.8	1744.3
-40°	1764.3	1805.3	1832.2	1850.8	1832.2	1805.3	1764.3	1705.8	1631.7	1541.2	1442.7
-42.5°	1435.7	1469.9	1490.8	1498.8	1490.8	1469.9	1435.7	1387.9	1326.6	1250.8	1171.3
-45°	1152.6	1174.6	1189.6	1198.3	1189.6	1174.6	1152.6	1121.2	1078.7	1025.9	965.9
-47.5°	941.0	955.4	966.1	973.6	966.1	955.4	941.0	919.7	890.3	853.5	811.3
-50°	778.6	789.5	796.4	799.2	796.4	789.5	778.6	762.7	741.5	715.4	685.2
-52.5°	648.7	656.4	662.1	665.5	662.1	656.4	648.7	637.7	623.0	604.2	581.5
-55°	549.0	555.2	558.0	557.7	558.0	555.2	549.0	540.1	528.5	513.8	497.1
-57.5°	464.0	468.8	471.3	471.6	471.3	468.8	464.0	457.5	449.3	439.3	427.3
-60°	395.0	397.9	399.7	400.2	399.7	397.9	395.0	390.6	384.8	376.9	367.5
-62.5°	334.4	337.2	338.5	338.4	338.5	337.2	334.4	330.3	325.0	318.8	312.1
-65°	270.8	271.3	272.4	272.9	272.4	271.3	270.8	269.3	266.8	264.0	260.3
-67.5°	223.2	223.0	223.5	223.6	223.5	223.0	223.2	222.6	221.4	219.1	215.7
-70°	181.5	181.1	179.5	177.1	179.5	181.1	181.5	181.7	181.9	181.4	179.1
-72.5°	134.6	128.4	122.2	115.3	122.2	128.4	134.6	140.6	146.4	150.5	149.2
-75°	97.5	87.3	83.9	80.7	83.9	87.3	97.5	107.3	116.7	123.9	123.0
-77.5°	71.5	61.8	59.0	56.3	59.0	61.8	71.5	80.7	89.5	96.7	96.3
-80°	48.7	41.7	40.3	39.0	40.3	41.7	48.7	55.5	62.0	67.8	68.5
-82.5°	30.5	25.3	24.6	23.8	24.6	25.3	30.5	35.5	40.3	44.5	44.2
-85°	14.2	11.8	11.6	11.4	11.6	11.8	14.2	16.4	18.5	20.4	20.0
-87.5°	2.4	2.2	1.9	1.6	1.9	2.2	2.4	2.7	2.9	3.1	3.2
-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: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	3.3	3.4	3.4	3.6	3.8	3.9	4.0	3.9	3.8	3.6	3.5
85°	19.5	18.9	18.4	18.4	18.2	18.0	17.6	15.8	14.1	12.4	11.0
82.5°	43.6	42.9	41.9	40.4	39.0	37.5	35.8	32.0	28.3	24.8	21.9
80°	68.9	68.9	68.3	65.6	62.8	59.9	56.4	50.4	44.5	39.1	35.3
77.5°	95.8	95.2	93.9	90.3	86.7	83.0	78.4	70.6	62.8	55.4	50.5
75°	121.9	120.5	118.1	113.8	109.0	103.9	98.4	91.6	83.9	75.1	68.8
72.5°	147.6	145.6	142.5	137.8	132.5	127.0	121.2	114.6	107.0	98.3	91.9
70°	176.3	173.0	168.9	163.6	158.1	152.3	146.2	139.4	131.6	122.9	116.1
67.5°	211.4	206.2	200.4	194.1	188.1	181.1	174.0	166.3	158.3	149.3	140.7
65°	255.1	248.1	240.3	233.6	225.5	215.9	205.2	195.8	186.6	176.5	165.2
62.5°	305.4	298.6	287.8	276.7	265.9	255.0	242.0	228.9	216.3	203.6	190.4
60°	356.8	344.7	332.9	320.2	306.4	291.6	277.4	262.5	246.9	231.5	215.8
57.5°	413.5	398.5	383.2	366.7	349.2	332.5	315.1	296.5	278.8	260.3	241.5
55°	478.6	460.6	441.0	419.4	397.2	377.3	356.1	334.8	313.3	289.9	269.2
52.5°	555.8	533.3	508.2	480.3	454.3	427.8	400.2	376.1	349.7	323.8	298.0
50°	654.2	622.3	587.7	552.6	520.3	485.4	453.0	421.2	389.3	359.3	329.3
47.5°	772.0	729.8	682.5	638.9	596.1	552.9	513.0	471.0	434.4	396.6	363.2
45°	915.3	859.1	798.3	742.9	682.8	630.6	579.7	531.4	483.4	440.7	398.1
42.5°	1098.6	1016.6	939.4	865.9	790.1	721.5	653.8	596.5	540.1	487.3	439.3
40°	1334.2	1214.7	1115.6	1010.1	918.4	826.5	745.5	666.1	602.1	539.5	480.9
37.5°	1612.3	1472.5	1331.0	1186.6	1067.2	951.7	847.5	754.0	666.9	595.7	528.1
35°	1906.5	1748.6	1579.1	1409.9	1235.5	1095.6	963.2	848.0	746.4	654.6	576.7
32.5°	2200.0	2026.6	1840.0	1647.0	1451.1	1255.3	1096.4	953.7	826.6	722.0	629.8
30°	2493.3	2303.0	2098.6	1887.9	1672.9	1453.2	1236.3	1069.7	920.5	789.3	683.3
27.5°	2787.6	2581.4	2357.7	2125.8	1894.2	1654.5	1414.2	1189.4	1015.1	866.9	741.9
25°	3082.2	2851.7	2611.5	2359.1	2106.5	1851.7	1586.3	1335.7	1121.2	944.4	796.0
22.5°	3377.7	3118.9	2851.1	2580.0	2308.4	2036.1	1758.3	1478.9	1221.8	1023.3	859.2
20°	3669.7	3379.0	3085.9	2792.0	2499.2	2208.0	1917.6	1619.4	1339.9	1105.0	918.3
17.5°	3951.0	3628.0	3309.8	2991.2	2678.0	2369.3	2060.4	1749.0	1445.4	1177.7	970.4
15°	4218.9	3866.4	3520.8	3178.8	2840.8	2509.2	2186.9	1862.8	1541.4	1253.6	1027.6
12.5°	4471.6	4087.0	3710.5	3339.2	2980.1	2632.6	2297.5	1962.7	1631.8	1327.5	1078.5
10°	4687.5	4274.8	3869.6	3478.1	3100.7	2737.6	2388.8	2047.2	1709.2	1389.0	1120.2
7.5°	4863.0	4425.8	3998.6	3587.8	3195.3	2821.1	2459.3	2112.1	1770.6	1437.0	1152.4
5°	4991.3	4536.9	4094.1	3669.1	3260.9	2881.9	2509.0	2156.4	1815.0	1471.2	1174.9
2.5°	5070.8	4604.1	4151.0	3718.4	3299.0	2918.4	2537.8	2183.3	1840.4	1490.0	1189.0
0°	5085.5	4635.6	4168.8	3723.7	3320.9	2929.4	2545.5	2193.0	1847.0	1493.9	1193.4
-2.5°	5070.8	4604.1	4151.0	3718.4	3299.0	2918.4	2537.8	2183.3	1840.4	1490.0	1189.0
-5°	4991.3	4536.9	4094.1	3669.1	3260.9	2881.9	2509.0	2156.4	1815.0	1471.2	1174.9
-7.5°	4863.0	4425.8	3998.6	3587.8	3195.3	2821.1	2459.3	2112.1	1770.6	1437.0	1152.4
-10°	4687.5	4274.8	3869.6	3478.1	3100.7	2737.6	2388.8	2047.2	1709.2	1389.0	1120.2
-12.5°	4471.6	4087.0	3710.5	3339.2	2980.1	2632.6	2297.5	1962.7	1631.8	1327.5	1078.5
-15°	4218.9	3866.4	3520.8	3178.8	2840.8	2509.2	2186.9	1862.8	1541.4	1253.6	1027.6
-17.5°	3951.0	3628.0	3309.8	2991.2	2678.0	2369.3	2060.4	1749.0	1445.4	1177.7	970.4
-20°	3669.7	3379.0	3085.9	2792.0	2499.2	2208.0	1917.6	1619.4	1339.9	1105.0	918.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3377.7	3118.9	2851.1	2580.0	2308.4	2036.1	1758.3	1478.9	1221.8	1023.3	859.2
-25°	3082.2	2851.7	2611.5	2359.1	2106.5	1851.7	1586.3	1335.7	1121.2	944.4	796.0
-27.5°	2787.6	2581.4	2357.7	2125.8	1894.2	1654.5	1414.2	1189.4	1015.1	866.9	741.9
-30°	2493.3	2303.0	2098.6	1887.9	1672.9	1453.2	1236.3	1069.7	920.5	789.3	683.3
-32.5°	2200.0	2026.6	1840.0	1647.0	1451.1	1255.3	1096.4	953.7	826.6	722.0	629.8
-35°	1906.5	1748.6	1579.1	1409.9	1235.5	1095.6	963.2	848.0	746.4	654.6	576.7
-37.5°	1612.3	1472.5	1331.0	1186.6	1067.2	951.7	847.5	754.0	666.9	595.7	528.1
-40°	1334.2	1214.7	1115.6	1010.1	918.4	826.5	745.5	666.1	602.1	539.5	480.9
-42.5°	1098.6	1016.6	939.4	865.9	790.1	721.5	653.8	596.5	540.1	487.3	439.3
-45°	915.3	859.1	798.3	742.9	682.8	630.6	579.7	531.4	483.4	440.7	398.1
-47.5°	772.0	729.8	682.5	638.9	596.1	552.9	513.0	471.0	434.4	396.6	363.2
-50°	654.2	622.3	587.7	552.6	520.3	485.4	453.0	421.2	389.3	359.3	329.3
-52.5°	555.8	533.3	508.2	480.3	454.3	427.8	400.2	376.1	349.7	323.8	298.0
-55°	478.6	460.6	441.0	419.4	397.2	377.3	356.1	334.8	313.3	289.9	269.2
-57.5°	413.5	398.5	383.2	366.7	349.2	332.5	315.1	296.5	278.8	260.3	241.5
-60°	356.8	344.7	332.9	320.2	306.4	291.6	277.4	262.5	246.9	231.5	215.8
-62.5°	305.4	298.6	287.8	276.7	265.9	255.0	242.0	228.9	216.3	203.6	190.4
-65°	255.1	248.1	240.3	233.6	225.5	215.9	205.2	195.8	186.6	176.5	165.2
-67.5°	211.4	206.2	200.4	194.1	188.1	181.1	174.0	166.3	158.3	149.3	140.7
-70°	176.3	173.0	168.9	163.6	158.1	152.3	146.2	139.4	131.6	122.9	116.1
-72.5°	147.6	145.6	142.5	137.8	132.5	127.0	121.2	114.6	107.0	98.3	91.9
-75°	121.9	120.5	118.1	113.8	109.0	103.9	98.4	91.6	83.9	75.1	68.8
-77.5°	95.8	95.2	93.9	90.3	86.7	83.0	78.4	70.6	62.8	55.4	50.5
-80°	68.9	68.9	68.3	65.6	62.8	59.9	56.4	50.4	44.5	39.1	35.3
-82.5°	43.6	42.9	41.9	40.4	39.0	37.5	35.8	32.0	28.3	24.8	21.9
-85°	19.5	18.9	18.4	18.4	18.2	18.0	17.6	15.8	14.1	12.4	11.0
-87.5°	3.3	3.4	3.4	3.6	3.8	3.9	4.0	3.9	3.8	3.6	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: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	4.2	4.4	4.6	4.8	4.9	4.9	4.8	4.6	4.4	4.0
85°	11.5	11.7	11.7	11.3	10.6	9.8	9.8	9.6	9.2	8.7	8.1
82.5°	22.8	23.5	23.9	23.8	22.3	20.7	19.1	17.3	15.5	13.4	12.1
80°	36.6	37.5	37.7	37.1	34.5	31.7	29.2	26.7	24.3	21.5	18.4
77.5°	51.6	52.2	52.3	51.4	48.0	44.4	40.6	36.5	33.1	29.6	25.7
75°	67.6	67.8	67.6	65.9	61.8	57.2	52.5	47.5	42.4	37.7	33.0
72.5°	88.4	85.6	83.4	80.6	76.2	70.9	65.0	58.2	51.9	45.8	40.2
70°	110.2	104.2	99.6	95.3	90.3	84.8	78.1	69.7	61.1	53.9	47.1
67.5°	133.0	125.5	118.0	110.2	104.1	97.9	91.1	81.0	70.7	61.7	53.7
65°	155.1	145.9	137.4	127.3	118.4	110.8	103.2	91.7	80.0	69.5	60.2
62.5°	177.5	165.1	154.5	143.5	132.7	123.3	114.8	101.7	88.9	76.9	66.4
60°	200.4	185.9	171.5	158.7	146.6	135.2	124.5	111.3	97.4	83.9	72.3
57.5°	224.1	206.8	190.2	174.4	160.2	147.1	133.9	120.2	105.7	91.1	77.5
55°	248.1	228.5	209.1	190.9	174.2	159.2	143.6	128.7	113.7	98.1	81.7
52.5°	273.9	250.8	228.9	207.7	188.6	170.9	154.0	137.1	121.2	104.9	86.3
50°	301.1	274.6	249.5	225.8	202.9	183.3	164.2	146.2	128.6	111.3	90.6
47.5°	329.7	299.7	271.2	244.0	219.1	195.2	174.8	155.2	135.8	117.8	94.5
45°	361.3	325.5	293.4	263.6	234.6	208.7	185.3	163.8	143.6	122.4	98.0
42.5°	393.0	353.4	316.5	282.6	251.6	222.3	195.4	172.8	151.1	126.6	101.4
40°	429.5	381.9	339.7	302.9	268.3	235.3	206.9	181.5	158.0	130.7	104.8
37.5°	465.2	412.6	365.1	322.4	284.8	250.0	218.1	189.7	163.5	135.3	107.8
35°	507.2	444.3	389.2	343.0	301.9	264.0	228.6	198.2	169.6	139.7	110.5
32.5°	548.0	476.5	416.4	364.0	317.9	277.2	239.8	206.8	175.7	143.8	112.9
30°	592.8	511.6	442.0	383.8	333.9	290.9	251.0	214.9	182.0	147.8	115.2
27.5°	635.9	544.0	467.0	404.7	350.7	303.7	261.4	222.6	188.2	151.9	118.0
25°	678.5	578.9	494.4	424.6	366.2	315.3	270.9	229.7	194.3	156.5	120.6
22.5°	724.8	612.7	519.2	442.5	380.2	325.9	280.0	237.4	199.9	160.9	122.8
20°	767.4	643.2	541.3	459.6	394.1	337.3	288.6	244.4	204.9	165.0	124.7
17.5°	807.5	674.3	566.0	478.2	407.2	347.4	296.1	250.5	209.4	168.8	126.3
15°	849.7	705.1	588.2	494.2	418.6	356.1	302.5	255.8	213.2	172.2	127.7
12.5°	885.7	731.1	606.8	507.7	428.2	363.3	307.9	260.1	216.4	175.1	129.0
10°	915.3	752.3	621.8	518.6	435.8	369.2	312.2	263.7	219.0	177.4	129.7
7.5°	938.4	768.5	633.2	526.8	441.7	373.7	315.8	266.4	221.1	178.9	129.9
5°	954.5	779.8	641.5	532.6	446.2	377.0	318.3	268.3	222.5	179.8	129.5
2.5°	963.0	786.1	646.7	535.7	448.8	378.7	319.7	269.1	223.2	179.9	128.6
0°	964.4	787.3	648.1	536.1	449.4	379.0	320.0	269.1	223.1	179.2	127.2
-2.5°	963.0	786.1	646.7	535.7	448.8	378.7	319.7	269.1	223.2	179.9	128.6
-5°	954.5	779.8	641.5	532.6	446.2	377.0	318.3	268.3	222.5	179.8	129.5
-7.5°	938.4	768.5	633.2	526.8	441.7	373.7	315.8	266.4	221.1	178.9	129.9
-10°	915.3	752.3	621.8	518.6	435.8	369.2	312.2	263.7	219.0	177.4	129.7
-12.5°	885.7	731.1	606.8	507.7	428.2	363.3	307.9	260.1	216.4	175.1	129.0
-15°	849.7	705.1	588.2	494.2	418.6	356.1	302.5	255.8	213.2	172.2	127.7
-17.5°	807.5	674.3	566.0	478.2	407.2	347.4	296.1	250.5	209.4	168.8	126.3
-20°	767.4	643.2	541.3	459.6	394.1	337.3	288.6	244.4	204.9	165.0	124.7

Classified

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



REPORT NUMBER: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	724.8	612.7	519.2	442.5	380.2	325.9	280.0	237.4	199.9	160.9	122.8
-25°	678.5	578.9	494.4	424.6	366.2	315.3	270.9	229.7	194.3	156.5	120.6
-27.5°	635.9	544.0	467.0	404.7	350.7	303.7	261.4	222.6	188.2	151.9	118.0
-30°	592.8	511.6	442.0	383.8	333.9	290.9	251.0	214.9	182.0	147.8	115.2
-32.5°	548.0	476.5	416.4	364.0	317.9	277.2	239.8	206.8	175.7	143.8	112.9
-35°	507.2	444.3	389.2	343.0	301.9	264.0	228.6	198.2	169.6	139.7	110.5
-37.5°	465.2	412.6	365.1	322.4	284.8	250.0	218.1	189.7	163.5	135.3	107.8
-40°	429.5	381.9	339.7	302.9	268.3	235.3	206.9	181.5	158.0	130.7	104.8
-42.5°	393.0	353.4	316.5	282.6	251.6	222.3	195.4	172.8	151.1	126.6	101.4
-45°	361.3	325.5	293.4	263.6	234.6	208.7	185.3	163.8	143.6	122.4	98.0
-47.5°	329.7	299.7	271.2	244.0	219.1	195.2	174.8	155.2	135.8	117.8	94.5
-50°	301.1	274.6	249.5	225.8	202.9	183.3	164.2	146.2	128.6	111.3	90.6
-52.5°	273.9	250.8	228.9	207.7	188.6	170.9	154.0	137.1	121.2	104.9	86.3
-55°	248.1	228.5	209.1	190.9	174.2	159.2	143.6	128.7	113.7	98.1	81.7
-57.5°	224.1	206.8	190.2	174.4	160.2	147.1	133.9	120.2	105.7	91.1	77.5
-60°	200.4	185.9	171.5	158.7	146.6	135.2	124.5	111.3	97.4	83.9	72.3
-62.5°	177.5	165.1	154.5	143.5	132.7	123.3	114.8	101.7	88.9	76.9	66.4
-65°	155.1	145.9	137.4	127.3	118.4	110.8	103.2	91.7	80.0	69.5	60.2
-67.5°	133.0	125.5	118.0	110.2	104.1	97.9	91.1	81.0	70.7	61.7	53.7
-70°	110.2	104.2	99.6	95.3	90.3	84.8	78.1	69.7	61.1	53.9	47.1
-72.5°	88.4	85.6	83.4	80.6	76.2	70.9	65.0	58.2	51.9	45.8	40.2
-75°	67.6	67.8	67.6	65.9	61.8	57.2	52.5	47.5	42.4	37.7	33.0
-77.5°	51.6	52.2	52.3	51.4	48.0	44.4	40.6	36.5	33.1	29.6	25.7
-80°	36.6	37.5	37.7	37.1	34.5	31.7	29.2	26.7	24.3	21.5	18.4
-82.5°	22.8	23.5	23.9	23.8	22.3	20.7	19.1	17.3	15.5	13.4	12.1
-85°	11.5	11.7	11.7	11.3	10.6	9.8	9.8	9.6	9.2	8.7	8.1
-87.5°	3.9	4.2	4.4	4.6	4.8	4.9	4.9	4.8	4.6	4.4	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

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REPORT NUMBER: P626813 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	3.6	2.8	2.1	1.5	0.9	0.4	0.0
85°	7.3	5.7	4.2	2.9	1.8	0.8	0.0
82.5°	10.9	8.5	6.3	4.4	2.7	1.2	0.0
80°	14.8	11.3	8.4	5.8	3.6	1.6	0.0
77.5°	21.1	14.7	10.4	7.2	4.4	1.9	0.0
75°	27.2	19.1	12.6	8.6	5.3	2.3	0.0
72.5°	33.1	23.5	15.6	10.0	6.1	2.7	0.0
70°	38.7	27.7	18.5	11.4	6.9	3.0	0.0
67.5°	43.6	31.7	21.3	13.2	7.7	3.4	0.0
65°	48.3	35.3	23.9	14.9	8.5	3.7	0.0
62.5°	52.7	38.7	26.4	16.5	9.2	4.1	0.0
60°	56.8	41.9	28.8	18.0	9.9	4.4	0.0
57.5°	60.5	44.8	30.9	19.4	10.8	4.7	0.0
55°	63.9	47.5	32.9	20.7	11.6	5.0	0.0
52.5°	67.1	50.0	34.8	21.9	12.4	5.3	0.0
50°	69.9	52.3	36.5	23.0	13.2	5.5	0.0
47.5°	72.5	54.3	38.0	24.0	13.9	5.8	0.0
45°	75.5	56.2	39.3	24.9	14.6	6.0	0.0
42.5°	78.2	57.7	40.5	25.8	15.2	6.3	0.0
40°	80.5	59.1	41.5	26.8	15.8	6.5	0.0
37.5°	82.5	60.2	42.4	27.7	16.4	6.7	0.0
35°	84.1	61.4	43.2	28.6	16.9	6.9	0.0
32.5°	85.7	62.6	43.7	29.4	17.4	7.0	0.0
30°	87.3	63.5	44.1	30.2	17.8	7.2	0.0
27.5°	88.7	64.1	45.1	30.8	18.2	7.3	0.0
25°	89.8	64.5	46.0	31.4	18.6	7.4	0.0
22.5°	90.6	65.0	46.8	31.9	18.9	7.5	0.0
20°	91.0	66.2	47.5	32.2	19.1	7.6	0.0
17.5°	92.0	67.2	48.0	32.6	19.3	7.6	0.0
15°	93.3	67.9	48.5	32.8	19.5	7.7	0.0
12.5°	94.2	68.5	48.8	32.9	19.6	7.7	0.0
10°	94.7	68.8	49.0	33.0	19.7	7.7	0.0
7.5°	94.9	69.0	49.1	33.0	19.7	7.7	0.0
5°	94.8	68.9	49.1	32.9	19.7	7.7	0.0
2.5°	94.4	68.6	49.0	32.7	19.6	7.7	0.0
0°	93.7	68.2	48.7	32.5	19.5	7.6	0.0
-2.5°	94.4	68.6	49.0	32.7	19.6	7.7	0.0
-5°	94.8	68.9	49.1	32.9	19.7	7.7	0.0
-7.5°	94.9	69.0	49.1	33.0	19.7	7.7	0.0
-10°	94.7	68.8	49.0	33.0	19.7	7.7	0.0
-12.5°	94.2	68.5	48.8	32.9	19.6	7.7	0.0
-15°	93.3	67.9	48.5	32.8	19.5	7.7	0.0
-17.5°	92.0	67.2	48.0	32.6	19.3	7.6	0.0
-20°	91.0	66.2	47.5	32.2	19.1	7.6	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	90.6	65.0	46.8	31.9	18.9	7.5	0.0
-25°	89.8	64.5	46.0	31.4	18.6	7.4	0.0
-27.5°	88.7	64.1	45.1	30.8	18.2	7.3	0.0
-30°	87.3	63.5	44.1	30.2	17.8	7.2	0.0
-32.5°	85.7	62.6	43.7	29.4	17.4	7.0	0.0
-35°	84.1	61.4	43.2	28.6	16.9	6.9	0.0
-37.5°	82.5	60.2	42.4	27.7	16.4	6.7	0.0
-40°	80.5	59.1	41.5	26.8	15.8	6.5	0.0
-42.5°	78.2	57.7	40.5	25.8	15.2	6.3	0.0
-45°	75.5	56.2	39.3	24.9	14.6	6.0	0.0
-47.5°	72.5	54.3	38.0	24.0	13.9	5.8	0.0
-50°	69.9	52.3	36.5	23.0	13.2	5.5	0.0
-52.5°	67.1	50.0	34.8	21.9	12.4	5.3	0.0
-55°	63.9	47.5	32.9	20.7	11.6	5.0	0.0
-57.5°	60.5	44.8	30.9	19.4	10.8	4.7	0.0
-60°	56.8	41.9	28.8	18.0	9.9	4.4	0.0
-62.5°	52.7	38.7	26.4	16.5	9.2	4.1	0.0
-65°	48.3	35.3	23.9	14.9	8.5	3.7	0.0
-67.5°	43.6	31.7	21.3	13.2	7.7	3.4	0.0
-70°	38.7	27.7	18.5	11.4	6.9	3.0	0.0
-72.5°	33.1	23.5	15.6	10.0	6.1	2.7	0.0
-75°	27.2	19.1	12.6	8.6	5.3	2.3	0.0
-77.5°	21.1	14.7	10.4	7.2	4.4	1.9	0.0
-80°	14.8	11.3	8.4	5.8	3.6	1.6	0.0
-82.5°	10.9	8.5	6.3	4.4	2.7	1.2	0.0
-85°	7.3	5.7	4.2	2.9	1.8	0.8	0.0
-87.5°	3.6	2.8	2.1	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)