

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: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-730-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

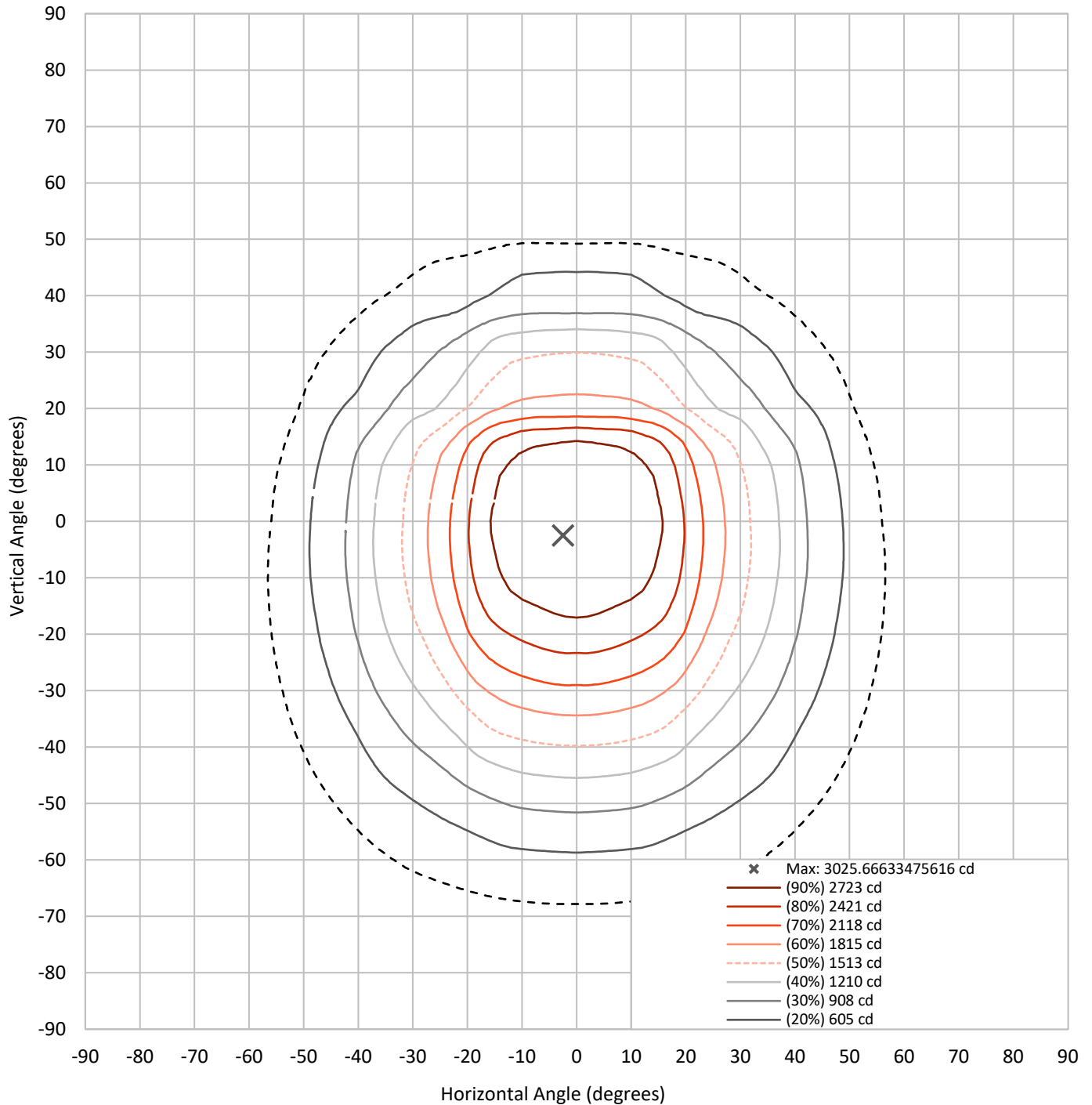
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4037.8 lumens	Max Intensity:	3025.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	92.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	2336.2 lumens	Field Lumens:	3831.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	43.5		
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		



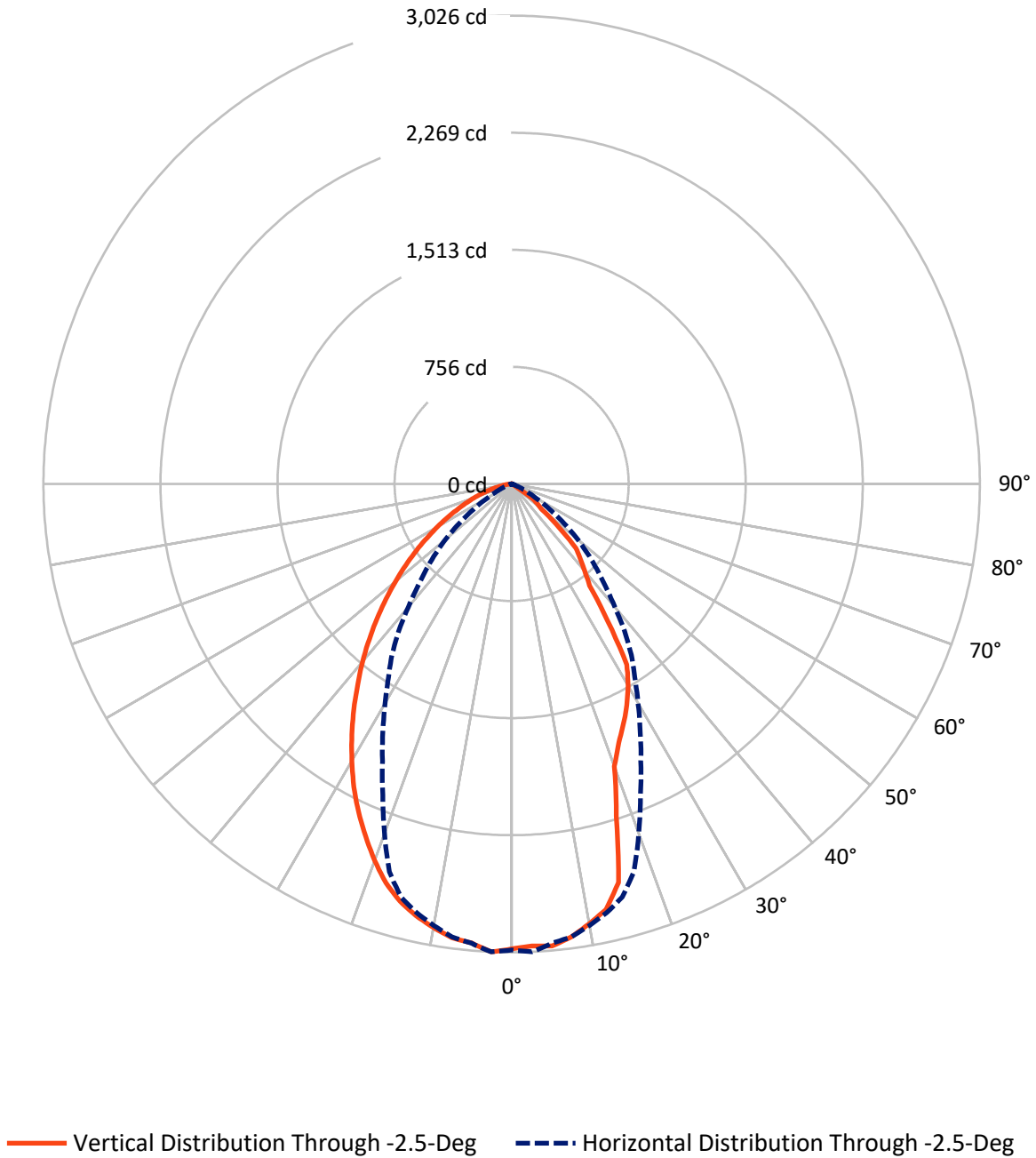
REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

Iso-Candela Plot



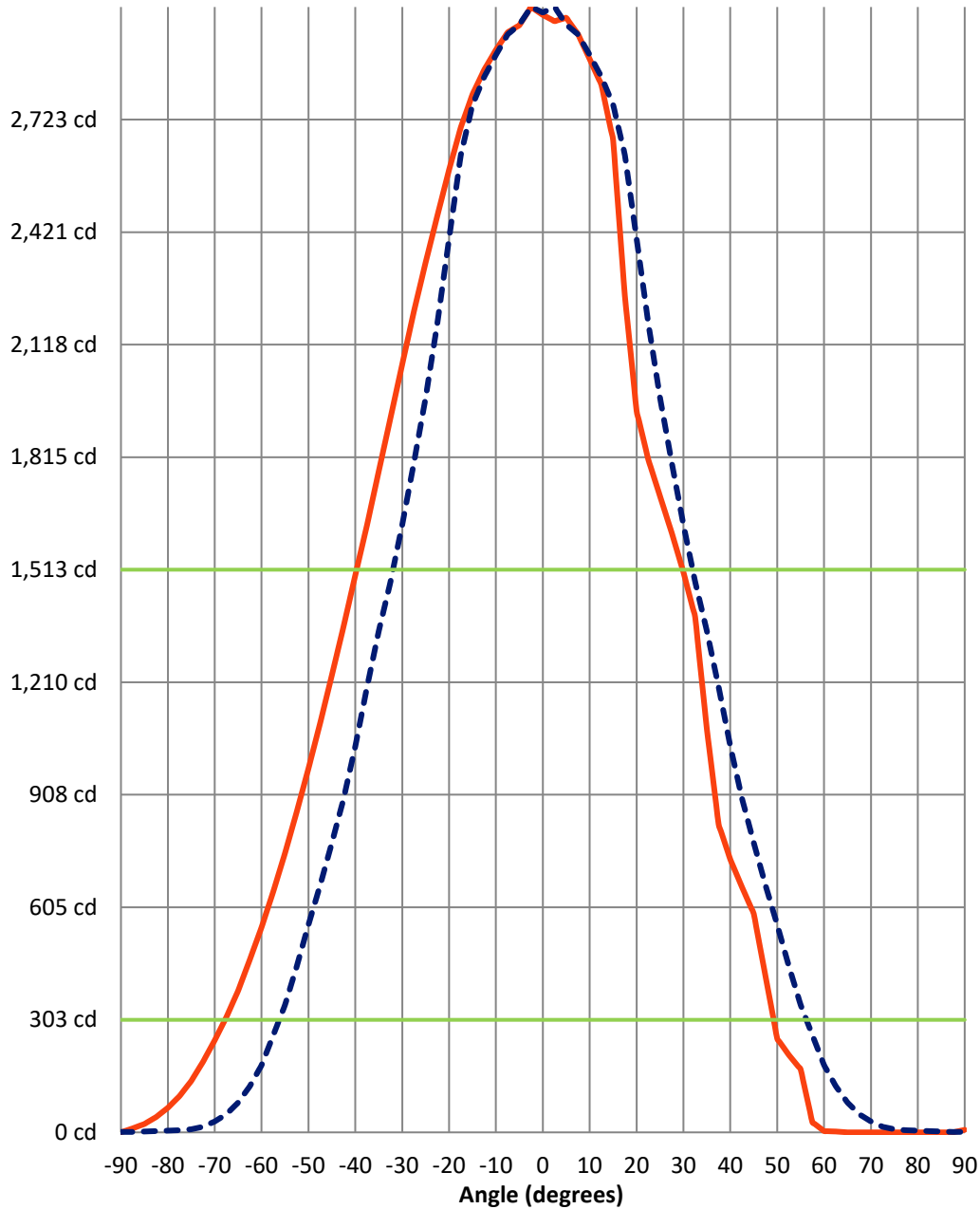
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 2336.2
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 3831.6
 Efficiency: 94.9%

Spill:
 Lumens: 206.2
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.6	2.9	3.1	3.4
87.5°	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.6	0.4	0.2	0.0
85°	1.1	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0
82.5°	1.1	1.1	1.1	1.0	0.8	0.6	0.3	0.1	0.0	0.2	0.3
80°	1.1	1.1	1.1	1.0	0.7	0.4	0.1	0.2	0.4	0.6	0.8
77.5°	1.1	1.1	1.1	0.9	0.6	0.4	0.3	0.5	0.8	1.0	1.0
75°	1.1	1.1	1.1	0.9	0.6	0.5	0.6	0.9	1.1	0.9	0.6
72.5°	1.1	1.1	1.1	0.9	0.7	0.7	0.9	1.1	0.9	0.6	0.2
70°	1.1	1.1	1.1	0.9	0.8	0.9	1.1	1.0	0.8	0.4	0.5
67.5°	1.1	1.1	1.1	0.9	0.9	1.0	1.1	1.0	0.7	0.9	1.0
65°	1.1	1.1	1.1	1.0	1.0	1.1	1.2	1.0	1.1	1.3	1.4
62.5°	1.1	1.1	1.1	1.0	1.0	1.2	1.2	1.3	1.5	1.7	1.5
60°	1.1	1.1	1.1	1.0	1.1	1.3	1.3	1.6	1.9	2.0	1.8
57.5°	1.1	1.1	1.1	1.0	1.2	1.5	1.6	2.0	2.3	2.3	2.2
55°	1.1	1.1	1.1	1.1	1.3	1.6	1.9	2.3	2.6	2.6	2.8
52.5°	1.1	1.1	1.2	1.1	1.5	1.7	2.2	2.6	3.0	3.1	3.3
50°	1.1	1.1	1.2	1.1	1.6	2.0	2.5	3.0	3.4	3.6	3.8
47.5°	1.1	1.1	1.2	1.1	1.7	2.2	2.8	3.3	3.8	4.1	4.3
45°	1.1	1.1	1.2	1.2	1.9	2.4	3.0	3.6	4.2	4.5	4.8
42.5°	1.1	1.1	1.3	1.3	2.0	2.6	3.3	3.9	4.6	5.0	5.9
40°	1.1	1.1	1.3	1.5	2.2	2.9	3.5	4.3	5.0	5.4	7.0
37.5°	1.1	1.1	1.4	1.7	2.4	3.1	3.7	4.7	5.5	6.2	8.2
35°	1.1	1.1	1.4	1.8	2.5	3.2	4.0	5.1	6.0	7.6	10.4
32.5°	1.1	1.1	1.5	2.0	2.7	3.4	4.2	5.5	6.5	9.3	14.9
30°	1.1	1.1	1.5	2.1	2.8	3.6	4.6	6.0	7.0	11.2	19.2
27.5°	1.1	1.1	1.6	2.2	3.0	3.8	4.9	6.4	8.0	13.3	23.4
25°	1.1	1.1	1.7	2.4	3.1	3.9	5.2	6.8	9.6	16.4	27.6
22.5°	1.1	1.1	1.7	2.5	3.3	4.1	5.6	7.3	11.3	19.8	33.0
20°	1.1	1.1	1.8	2.6	3.5	4.3	5.9	7.7	13.1	23.0	38.4
17.5°	1.1	1.1	1.9	2.7	3.6	4.5	6.2	8.1	14.9	26.1	43.7
15°	1.1	1.1	1.9	2.9	3.8	4.7	6.5	8.7	16.7	28.9	48.9
12.5°	1.1	1.1	2.0	3.0	3.9	4.9	6.8	9.5	18.8	31.5	53.8
10°	1.1	1.1	2.1	3.1	4.0	5.0	7.1	10.3	20.9	34.6	58.7
7.5°	1.1	1.1	2.1	3.2	4.2	5.2	7.3	11.2	23.0	37.6	64.0
5°	1.1	1.1	2.2	3.2	4.3	5.3	7.6	12.0	24.9	40.4	68.8
2.5°	1.1	1.1	2.2	3.3	4.4	5.5	7.7	12.8	26.7	42.9	73.1
0°	1.1	1.1	2.3	3.4	4.5	5.6	7.9	13.6	28.2	45.2	76.8
-2.5°	1.1	1.1	2.3	3.4	4.6	5.7	8.3	15.0	29.3	48.8	80.2
-5°	1.1	1.1	2.3	3.4	4.7	5.8	8.7	16.2	30.2	51.9	82.9
-7.5°	1.1	1.1	2.3	3.4	4.7	5.9	9.1	17.3	30.9	54.4	85.1
-10°	1.1	1.1	2.3	3.3	4.8	6.0	9.4	18.2	31.5	56.2	86.6
-12.5°	1.1	1.1	2.2	3.3	4.8	6.1	9.6	18.9	31.8	57.2	87.9
-15°	1.1	1.1	2.2	3.3	4.8	6.2	9.8	19.3	32.5	57.1	88.3
-17.5°	1.1	1.1	2.2	3.2	4.8	6.2	9.8	19.7	33.5	56.5	87.8
-20°	1.1	1.1	2.2	3.2	4.8	6.3	10.1	20.1	34.1	55.5	86.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1.1	1.1	2.1	3.1	4.8	6.3	10.7	20.3	34.4	54.0	83.4
-25°	1.1	1.1	2.1	3.1	4.7	6.7	11.2	20.2	34.3	52.1	79.5
-27.5°	1.1	1.1	2.0	3.0	4.6	7.2	11.6	19.9	33.8	50.5	76.6
-30°	1.1	1.1	2.0	3.0	4.4	7.7	11.9	19.4	33.2	49.7	73.4
-32.5°	1.1	1.1	1.9	2.9	4.6	8.0	12.1	19.4	32.4	48.5	69.8
-35°	1.1	1.1	1.9	2.8	4.7	8.3	12.4	19.5	31.3	46.8	65.8
-37.5°	1.1	1.1	1.8	2.7	4.8	8.5	12.7	19.4	29.8	44.5	64.0
-40°	1.1	1.1	1.7	2.6	4.9	8.6	12.9	19.2	28.0	42.3	62.0
-42.5°	1.1	1.1	1.7	2.6	4.9	8.6	13.0	18.8	27.0	40.6	58.9
-45°	1.1	1.1	1.6	2.6	4.9	8.5	12.9	18.3	26.3	38.4	55.1
-47.5°	1.1	1.1	1.5	2.6	4.9	8.4	12.7	18.1	25.4	35.8	52.0
-50°	1.1	1.1	1.4	2.5	4.8	8.2	12.4	17.6	24.6	34.9	48.4
-52.5°	1.1	1.1	1.4	2.5	4.7	8.0	12.1	17.0	24.0	33.7	44.5
-55°	1.1	1.1	1.3	2.4	4.5	7.7	11.7	16.2	23.2	32.1	42.7
-57.5°	1.1	1.1	1.2	2.3	4.2	7.2	11.1	15.5	22.1	30.5	40.5
-60°	1.1	1.1	1.1	2.2	3.9	6.8	10.5	14.8	20.7	28.6	37.9
-62.5°	1.1	1.1	1.1	2.1	3.7	6.2	9.7	13.8	19.0	26.3	35.0
-65°	1.1	1.1	1.1	1.9	3.5	5.6	8.7	12.5	16.9	23.4	31.6
-67.5°	1.1	1.1	1.1	1.8	3.2	5.0	7.7	11.0	14.5	19.9	27.2
-70°	1.1	1.1	1.1	1.6	2.9	4.5	6.6	9.3	12.4	16.1	22.0
-72.5°	1.1	1.1	1.1	1.6	2.6	4.0	5.8	7.6	10.3	13.3	16.8
-75°	1.1	1.1	1.1	1.6	2.2	3.5	5.1	6.5	8.0	10.5	13.4
-77.5°	1.1	1.1	1.1	1.5	2.1	3.0	4.3	5.4	6.6	7.9	9.8
-80°	1.1	1.1	1.1	1.5	2.1	2.7	3.5	4.4	5.3	6.4	7.5
-82.5°	1.1	1.1	1.1	1.5	2.0	2.5	3.1	3.5	4.0	4.8	5.7
-85°	1.1	1.1	1.1	1.5	1.9	2.3	2.9	3.2	3.6	4.0	4.3
-87.5°	1.1	1.1	1.1	1.4	1.8	2.2	2.6	2.9	3.2	3.5	3.9
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.5	0.3	0.0



REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.7	0.5	0.2	0.0	0.1	0.2	0.1	0.0	0.1	0.1
67.5°	1.0	0.8	0.5	0.3	0.4	0.6	0.5	0.6	0.6	0.7	0.6
65°	1.1	0.8	0.8	1.0	1.1	1.2	1.3	1.4	1.1	1.0	1.0
62.5°	1.1	1.3	1.5	1.6	1.8	2.0	2.0	1.7	1.3	1.7	1.9
60°	1.7	1.9	2.1	2.3	2.6	2.7	2.5	2.6	2.8	3.3	6.3
57.5°	2.3	2.4	2.7	3.1	3.4	3.4	3.5	3.8	9.0	14.6	16.2
55°	2.9	3.0	3.5	4.0	4.3	4.3	6.2	13.0	19.7	27.3	30.1
52.5°	3.4	3.7	4.5	5.1	5.6	8.7	15.7	25.0	34.8	43.6	54.9
50°	4.0	4.8	5.6	6.6	10.6	18.7	29.0	41.7	56.5	70.4	84.7
47.5°	5.0	6.0	7.3	10.5	20.9	32.2	46.4	66.8	85.1	102.0	121.5
45°	6.2	8.3	9.7	20.8	32.9	47.5	71.4	96.4	113.0	135.6	170.2
42.5°	7.4	11.5	18.6	31.4	46.2	69.7	99.3	120.7	142.7	179.3	215.7
40°	10.7	15.5	28.1	43.3	62.1	96.3	126.8	150.9	181.0	221.6	259.6
37.5°	14.7	23.7	37.8	56.1	87.0	124.5	157.1	191.6	226.2	264.4	334.9
35°	19.1	31.2	50.1	74.7	111.8	155.7	194.6	233.1	273.0	348.3	418.3
32.5°	24.8	38.2	63.0	96.3	138.8	186.9	232.1	276.6	340.5	425.8	496.0
30°	31.0	49.4	77.7	116.4	164.1	215.5	269.8	323.7	408.3	478.8	555.1
27.5°	37.5	61.3	95.0	137.3	187.8	242.5	303.7	380.7	456.1	525.8	609.6
25°	44.1	73.6	110.8	157.4	211.2	271.7	342.1	435.8	494.8	571.8	659.2
22.5°	52.6	85.4	126.5	175.5	232.8	301.6	391.4	485.5	554.9	619.7	705.1
20°	62.5	98.6	143.5	198.3	254.1	330.9	440.5	539.4	621.1	695.3	773.7
17.5°	71.7	111.0	161.8	221.5	284.9	368.3	488.6	598.1	688.0	770.7	868.6
15°	80.2	122.5	179.6	243.5	315.2	411.3	531.7	652.0	754.7	847.7	959.0
12.5°	88.0	133.0	196.8	264.0	343.7	448.3	568.0	685.4	798.3	919.5	1045.7
10°	95.1	142.4	213.1	283.0	370.2	479.6	597.9	713.2	827.1	955.3	1095.6
7.5°	102.6	151.2	227.8	300.3	394.3	505.5	621.9	735.6	850.4	984.0	1128.0
5°	109.6	159.3	239.6	312.6	412.9	525.7	639.9	752.5	868.1	1005.4	1152.5
2.5°	115.7	166.2	249.1	322.3	426.7	540.5	651.6	766.6	881.2	1022.8	1171.3
0°	120.9	171.7	256.4	329.8	437.1	551.2	658.5	775.9	888.9	1034.6	1183.7
-2.5°	124.2	180.8	261.4	342.8	446.2	558.1	664.6	778.5	897.1	1038.3	1197.5
-5°	126.5	188.1	264.4	352.8	452.1	561.2	666.6	776.5	899.3	1037.4	1199.6
-7.5°	127.8	193.3	265.8	358.5	454.2	559.3	663.2	772.7	895.7	1033.8	1190.6
-10°	128.6	194.9	267.7	356.8	451.5	553.3	655.6	763.7	885.5	1022.2	1173.5
-12.5°	130.7	193.9	267.4	353.0	445.6	544.2	644.3	749.5	868.4	1002.5	1150.0
-15°	131.3	191.5	264.2	347.4	436.5	532.2	629.4	730.1	847.4	983.4	1123.9
-17.5°	130.1	188.0	257.9	340.3	424.3	517.7	612.0	712.5	827.6	961.2	1096.6
-20°	127.1	183.4	248.5	331.8	409.9	501.6	594.5	694.1	804.9	930.5	1066.0



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CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	122.1	177.9	238.3	320.1	397.4	483.1	574.0	669.0	776.5	890.6	1024.8
-25°	117.0	171.7	230.2	303.9	382.4	461.4	550.4	638.4	743.1	855.2	974.2
-27.5°	112.2	163.0	221.8	286.2	364.8	438.4	523.8	609.6	705.5	815.4	925.0
-30°	105.8	153.7	211.6	269.2	343.7	416.6	494.0	578.5	664.8	769.0	876.9
-32.5°	100.2	143.9	200.0	256.2	321.0	392.1	462.0	542.5	626.7	715.6	822.1
-35°	96.5	138.1	187.6	241.3	297.9	365.5	432.0	501.9	583.4	666.9	760.4
-37.5°	93.4	131.5	174.6	225.7	279.5	337.6	399.8	464.2	535.3	619.4	707.4
-40°	88.7	124.1	165.0	210.8	258.3	311.1	368.9	427.1	488.8	571.0	657.8
-42.5°	82.6	116.9	155.9	194.6	238.0	286.2	337.6	392.4	451.6	523.1	602.9
-45°	77.9	107.6	145.9	180.5	216.4	260.5	308.7	358.4	414.3	475.6	547.3
-47.5°	71.9	97.6	132.7	165.0	196.7	234.3	278.4	325.4	374.9	430.2	488.9
-50°	65.5	89.2	116.6	148.0	178.2	209.5	247.1	290.6	335.5	383.7	436.1
-52.5°	60.7	79.4	104.4	130.6	159.4	187.7	219.7	257.0	297.1	337.4	383.5
-55°	55.2	72.2	92.8	116.3	140.8	167.0	196.2	228.8	261.5	298.5	335.3
-57.5°	51.3	65.2	83.1	103.5	125.5	147.8	175.3	202.9	233.2	263.8	294.3
-60°	48.3	59.2	74.0	92.0	111.7	132.5	155.1	180.6	206.6	231.6	258.0
-62.5°	44.9	54.4	65.9	80.6	98.3	116.5	136.4	158.2	181.8	202.8	223.3
-65°	40.4	48.7	58.6	70.5	84.4	99.8	116.8	135.2	155.6	172.6	189.3
-67.5°	35.3	42.2	50.6	60.3	71.9	83.9	96.3	111.9	128.5	142.4	156.0
-70°	28.8	35.3	42.1	50.0	59.1	69.3	80.2	91.5	102.9	114.2	126.7
-72.5°	22.1	27.9	33.7	39.4	46.6	54.9	63.9	73.3	83.2	92.9	102.4
-75°	16.8	20.6	25.7	30.8	35.8	41.2	47.3	54.8	64.0	73.4	82.0
-77.5°	12.7	15.9	19.2	22.7	25.9	29.9	34.3	39.0	46.6	55.3	64.1
-80°	9.1	11.1	13.8	16.6	18.8	21.0	23.3	25.7	31.3	38.3	45.8
-82.5°	6.8	8.1	9.6	11.3	12.4	13.5	14.7	16.3	20.4	25.2	30.2
-85°	4.7	5.0	5.8	6.8	7.4	8.0	8.7	9.4	11.6	14.2	16.9
-87.5°	4.0	4.2	4.4	4.7	4.7	4.8	4.9	5.0	5.7	6.5	7.3
-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: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.5	4.8	5.1	5.3	5.6	5.9	6.2	6.5	6.8	6.8	6.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.2	1.1	0.8	0.5	0.3	0.4	0.7	0.8	0.8	0.7	0.6
62.5°	1.8	1.6	1.5	1.7	2.1	2.4	2.3	2.2	2.0	1.9	2.0
60°	6.7	4.5	5.2	6.5	6.1	4.1	6.8	7.7	6.6	4.5	4.3
57.5°	17.0	16.4	18.7	27.4	30.1	27.4	32.7	39.8	39.5	34.1	33.9
55°	36.1	48.4	63.3	65.7	76.0	96.8	113.0	105.9	105.8	111.2	128.3
52.5°	68.6	80.2	84.5	96.1	117.7	133.4	143.5	153.9	165.4	177.1	188.9
50°	100.6	111.9	124.7	136.5	166.5	182.6	179.8	201.5	229.2	246.5	255.4
47.5°	147.5	165.3	192.4	234.8	257.1	273.3	293.4	318.0	349.7	392.7	425.9
45°	202.8	230.8	272.7	317.7	352.4	368.2	391.3	429.2	479.8	529.1	565.0
42.5°	248.0	286.3	333.6	376.7	405.0	431.0	460.7	492.7	550.7	603.3	644.9
40°	306.9	336.8	389.8	430.5	455.8	481.5	528.7	576.7	631.1	680.1	714.2
37.5°	381.6	415.2	470.4	516.3	540.7	549.9	630.1	696.8	741.1	803.6	824.1
35°	461.8	517.2	587.5	647.1	671.0	718.8	801.4	894.5	995.3	1032.4	1064.0
32.5°	551.4	619.7	715.1	779.1	813.2	885.6	990.2	1089.6	1221.4	1293.0	1314.4
30°	633.3	711.7	793.7	855.9	914.2	1001.4	1096.9	1219.3	1341.2	1432.7	1461.1
27.5°	693.4	780.2	859.0	917.2	983.1	1077.1	1196.1	1320.1	1439.8	1533.1	1566.3
25°	750.8	848.9	911.3	978.9	1056.2	1158.8	1290.6	1428.4	1546.3	1625.2	1665.9
22.5°	816.0	912.8	979.8	1037.1	1138.2	1256.3	1378.7	1534.4	1659.3	1722.2	1766.4
20°	883.4	992.8	1096.4	1149.7	1237.2	1386.7	1523.7	1670.7	1791.3	1856.9	1903.4
17.5°	977.4	1116.9	1243.9	1319.4	1413.0	1591.8	1762.8	1911.5	2079.2	2138.5	2195.3
15°	1076.5	1238.0	1386.7	1506.3	1627.3	1804.4	2024.5	2204.0	2395.3	2480.8	2577.5
12.5°	1175.3	1328.1	1462.9	1617.1	1787.7	1944.3	2153.9	2377.3	2551.0	2660.0	2725.1
10°	1249.2	1391.1	1520.7	1675.4	1845.6	2022.8	2231.0	2460.1	2641.9	2735.0	2788.1
7.5°	1289.1	1424.9	1561.6	1718.3	1887.7	2076.6	2291.1	2518.4	2704.3	2794.4	2846.8
5°	1318.7	1449.1	1590.7	1755.7	1927.0	2118.4	2332.6	2557.2	2726.7	2822.5	2888.8
2.5°	1336.6	1464.4	1609.2	1779.8	1951.5	2151.0	2375.5	2608.3	2756.6	2833.7	2894.7
0°	1341.8	1470.5	1619.6	1792.4	1968.6	2169.7	2392.2	2622.6	2772.8	2847.3	2909.5
-2.5°	1347.7	1480.2	1633.4	1800.7	1975.3	2175.8	2403.0	2627.4	2762.6	2837.8	2896.9
-5°	1343.6	1480.9	1633.7	1793.9	1969.7	2168.6	2386.6	2596.5	2737.9	2819.2	2878.0
-7.5°	1331.4	1470.7	1621.9	1775.9	1948.4	2149.5	2366.6	2568.7	2712.0	2797.7	2862.0
-10°	1313.7	1449.0	1601.2	1757.1	1927.5	2119.0	2332.8	2533.7	2670.8	2761.8	2836.7
-12.5°	1294.1	1426.6	1573.2	1722.8	1891.4	2080.5	2287.6	2477.8	2614.1	2713.3	2766.9
-15°	1265.0	1397.5	1537.7	1682.3	1846.7	2030.1	2228.0	2410.4	2544.2	2625.0	2684.2
-17.5°	1228.1	1358.0	1491.0	1628.1	1783.0	1963.6	2162.7	2342.6	2451.7	2523.9	2582.0
-20°	1188.5	1308.6	1434.6	1564.1	1714.1	1893.1	2088.5	2245.5	2348.4	2417.7	2472.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1143.3	1259.0	1374.3	1498.1	1645.1	1809.2	1981.9	2133.6	2244.2	2307.3	2358.0
-25°	1091.7	1204.2	1313.7	1433.2	1568.4	1715.9	1876.5	2025.6	2124.6	2191.7	2242.0
-27.5°	1036.1	1141.8	1248.8	1356.1	1477.7	1624.6	1773.3	1911.8	1996.3	2063.9	2114.6
-30°	980.7	1075.7	1174.7	1276.3	1390.4	1522.9	1662.0	1778.4	1867.5	1933.3	1980.2
-32.5°	920.5	1010.8	1098.4	1193.4	1300.8	1417.6	1539.7	1650.4	1745.6	1805.8	1845.4
-35°	858.9	946.3	1026.6	1112.7	1207.5	1308.3	1420.9	1530.2	1624.1	1671.8	1710.4
-37.5°	794.8	881.9	958.0	1030.0	1111.6	1204.9	1314.7	1418.9	1500.1	1541.1	1575.9
-40°	739.0	815.7	884.2	953.1	1019.4	1102.3	1204.7	1305.7	1370.8	1410.7	1443.0
-42.5°	684.9	749.6	805.6	867.4	933.8	1015.5	1098.1	1182.8	1235.2	1279.4	1313.4
-45°	621.8	679.6	732.2	783.6	844.2	918.7	993.8	1061.6	1110.6	1153.4	1186.6
-47.5°	552.1	607.9	658.9	704.9	761.2	823.4	886.6	943.0	991.4	1033.7	1063.3
-50°	487.0	536.9	586.8	633.2	682.1	732.4	783.7	833.2	879.1	920.2	945.4
-52.5°	428.8	474.8	518.4	559.0	601.7	644.3	686.8	732.1	774.4	813.3	833.4
-55°	376.1	417.6	457.0	491.2	525.4	559.2	595.5	637.4	676.4	712.4	726.8
-57.5°	328.8	364.4	399.2	428.1	456.1	482.9	514.9	550.2	584.3	615.1	627.0
-60°	285.3	313.6	342.6	368.3	392.7	415.7	443.6	472.0	499.7	522.9	533.0
-62.5°	245.3	269.4	291.5	312.4	333.0	353.7	376.2	398.8	421.1	439.1	448.1
-65°	206.8	225.9	243.6	260.8	277.5	294.9	312.5	329.6	346.2	359.0	366.8
-67.5°	170.6	185.2	199.2	212.6	226.5	240.6	254.4	267.5	279.9	289.8	297.4
-70°	138.5	149.8	160.8	171.8	183.5	194.4	204.8	214.6	223.8	231.0	236.8
-72.5°	111.6	120.8	130.3	140.3	149.7	157.9	165.3	172.5	179.3	183.3	186.4
-75°	89.9	97.6	105.9	114.0	121.9	128.1	133.6	138.9	143.9	144.2	143.2
-77.5°	72.7	79.6	86.0	92.3	98.6	102.4	105.8	109.2	112.7	110.7	107.5
-80°	53.3	59.1	64.5	70.0	75.4	77.7	79.3	80.6	81.8	79.2	75.9
-82.5°	35.4	39.0	42.5	46.1	49.8	51.2	52.3	53.2	54.0	51.6	48.8
-85°	19.8	21.5	23.2	24.9	26.7	27.7	28.6	29.4	30.2	28.8	27.2
-87.5°	8.2	8.6	9.0	9.4	9.8	10.1	10.5	10.8	11.1	11.2	11.2
-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: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.8	0.8
62.5°	2.1	2.2	2.3	2.3	2.3	2.2	2.1	2.0	1.9	2.0	2.2
60°	4.0	3.5	3.4	3.4	3.4	3.5	4.0	4.3	4.5	6.6	7.7
57.5°	31.3	26.8	27.5	30.5	27.5	26.8	31.3	33.9	34.1	39.5	39.8
55°	146.4	163.4	169.4	166.0	169.4	163.4	146.4	128.3	111.2	105.8	105.9
52.5°	198.2	205.2	207.9	207.8	207.9	205.2	198.2	188.9	177.1	165.4	153.9
50°	258.1	255.8	252.1	248.5	252.1	255.8	258.1	255.4	246.5	229.2	201.5
47.5°	430.7	423.2	420.1	425.8	420.1	423.2	430.7	425.9	392.7	349.7	318.0
45°	572.4	581.1	587.7	587.3	587.7	581.1	572.4	565.0	529.1	479.8	429.2
42.5°	653.0	657.7	659.1	657.3	659.1	657.7	653.0	644.9	603.3	550.7	492.7
40°	724.9	730.5	733.6	736.4	733.6	730.5	724.9	714.2	680.1	631.1	576.7
37.5°	830.8	832.9	828.5	825.6	828.5	832.9	830.8	824.1	803.6	741.1	696.8
35°	1090.7	1096.0	1083.7	1096.7	1083.7	1096.0	1090.7	1064.0	1032.4	995.3	894.5
32.5°	1339.8	1364.8	1385.0	1401.7	1385.0	1364.8	1339.8	1314.4	1293.0	1221.4	1089.6
30°	1481.0	1497.1	1505.8	1507.8	1505.8	1497.1	1481.0	1461.1	1432.7	1341.2	1219.3
27.5°	1584.7	1601.5	1612.0	1619.6	1612.0	1601.5	1584.7	1566.3	1533.1	1439.8	1320.1
25°	1684.5	1700.0	1710.4	1714.5	1710.4	1700.0	1684.5	1665.9	1625.2	1546.3	1428.4
22.5°	1788.2	1798.9	1809.0	1813.9	1809.0	1798.9	1788.2	1766.4	1722.2	1659.3	1534.4
20°	1936.7	1930.9	1940.1	1937.0	1940.1	1930.9	1936.7	1903.4	1856.9	1791.3	1670.7
17.5°	2239.5	2242.6	2248.8	2258.9	2248.8	2242.6	2239.5	2195.3	2138.5	2079.2	1911.5
15°	2620.3	2627.9	2666.9	2701.7	2666.9	2627.9	2620.3	2577.5	2480.8	2395.3	2204.0
12.5°	2785.5	2812.0	2816.1	2825.9	2816.1	2812.0	2785.5	2725.1	2660.0	2551.0	2377.3
10°	2840.6	2886.5	2885.6	2897.0	2885.6	2886.5	2840.6	2788.1	2735.0	2641.9	2460.1
7.5°	2882.4	2931.7	2952.5	2961.4	2952.5	2931.7	2882.4	2846.8	2794.4	2704.3	2518.4
5°	2933.5	2960.6	2996.6	2986.3	2996.6	2960.6	2933.5	2888.8	2822.5	2726.7	2557.2
2.5°	2954.9	2997.4	2987.6	2997.6	2987.6	2997.4	2954.9	2894.7	2833.7	2756.6	2608.3
0°	2969.3	2999.8	3004.3	3014.5	3004.3	2999.8	2969.3	2909.5	2847.3	2772.8	2622.6
-2.5°	2951.8	2978.7	3025.7	3011.1	3025.7	2978.7	2951.8	2896.9	2837.8	2762.6	2627.4
-5°	2936.4	3002.5	2976.9	3008.9	2976.9	3002.5	2936.4	2878.0	2819.2	2737.9	2596.5
-7.5°	2928.6	2940.4	2957.4	2981.8	2957.4	2940.4	2928.6	2862.0	2797.7	2712.0	2568.7
-10°	2867.2	2879.3	2910.6	2927.5	2910.6	2879.3	2867.2	2836.7	2761.8	2670.8	2533.7
-12.5°	2800.7	2824.1	2857.0	2867.7	2857.0	2824.1	2800.7	2766.9	2713.3	2614.1	2477.8
-15°	2724.2	2758.9	2790.9	2797.7	2790.9	2758.9	2724.2	2684.2	2625.0	2544.2	2410.4
-17.5°	2626.7	2668.4	2702.1	2709.6	2702.1	2668.4	2626.7	2582.0	2523.9	2451.7	2342.6
-20°	2519.4	2559.4	2588.0	2596.6	2588.0	2559.4	2519.4	2472.6	2417.7	2348.4	2245.5



REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2404.6	2440.5	2464.7	2461.1	2464.7	2440.5	2404.6	2358.0	2307.3	2244.2	2133.6
-25°	2282.6	2316.0	2339.0	2335.7	2339.0	2316.0	2282.6	2242.0	2191.7	2124.6	2025.6
-27.5°	2153.6	2185.2	2207.3	2208.1	2207.3	2185.2	2153.6	2114.6	2063.9	1996.3	1911.8
-30°	2018.1	2046.8	2064.8	2057.9	2064.8	2046.8	2018.1	1980.2	1933.3	1867.5	1778.4
-32.5°	1878.4	1904.3	1920.8	1925.7	1920.8	1904.3	1878.4	1845.4	1805.8	1745.6	1650.4
-35°	1740.5	1763.4	1777.6	1781.1	1777.6	1763.4	1740.5	1710.4	1671.8	1624.1	1530.2
-37.5°	1603.5	1623.2	1633.2	1628.7	1633.2	1623.2	1603.5	1575.9	1541.1	1500.1	1418.9
-40°	1468.2	1487.0	1498.3	1501.0	1498.3	1487.0	1468.2	1443.0	1410.7	1370.8	1305.7
-42.5°	1335.1	1350.7	1360.7	1365.5	1360.7	1350.7	1335.1	1313.4	1279.4	1235.2	1182.8
-45°	1206.0	1219.9	1229.3	1234.5	1229.3	1219.9	1206.0	1186.6	1153.4	1110.6	1061.6
-47.5°	1080.3	1092.5	1100.6	1104.6	1100.6	1092.5	1080.3	1063.3	1033.7	991.4	943.0
-50°	960.1	970.7	978.2	982.6	978.2	970.7	960.1	945.4	920.2	879.1	833.2
-52.5°	846.2	855.4	861.9	865.2	861.9	855.4	846.2	833.4	813.3	774.4	732.1
-55°	737.4	744.9	750.8	754.5	750.8	744.9	737.4	726.8	712.4	676.4	637.4
-57.5°	635.9	642.1	647.7	651.7	647.7	642.1	635.9	627.0	615.1	584.3	550.2
-60°	540.9	546.7	551.5	554.6	551.5	546.7	540.9	533.0	522.9	499.7	472.0
-62.5°	455.2	460.3	464.7	467.6	464.7	460.3	455.2	448.1	439.1	421.1	398.8
-65°	373.0	377.6	380.9	382.9	380.9	377.6	373.0	366.8	359.0	346.2	329.6
-67.5°	303.8	309.0	310.1	309.5	310.1	309.0	303.8	297.4	289.8	279.9	267.5
-70°	242.0	246.5	247.5	247.4	247.5	246.5	242.0	236.8	231.0	223.8	214.6
-72.5°	189.2	191.6	189.6	186.4	189.6	191.6	189.2	186.4	183.3	179.3	172.5
-75°	142.0	140.4	138.2	135.5	138.2	140.4	142.0	143.2	144.2	143.9	138.9
-77.5°	104.0	100.1	97.6	94.9	97.6	100.1	104.0	107.5	110.7	112.7	109.2
-80°	72.4	68.6	66.0	63.2	66.0	68.6	72.4	75.9	79.2	81.8	80.6
-82.5°	45.9	42.7	41.2	39.5	41.2	42.7	45.9	48.8	51.6	54.0	53.2
-85°	25.5	23.6	22.6	21.5	22.6	23.6	25.5	27.2	28.8	30.2	29.4
-87.5°	11.3	11.3	10.7	10.2	10.7	11.3	11.3	11.2	11.2	11.1	10.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.2	5.9	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.7	3.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.7	0.6	0.6
65°	0.7	0.4	0.3	0.5	0.8	1.1	1.2	1.0	1.0	1.1	1.4
62.5°	2.3	2.4	2.1	1.7	1.5	1.6	1.8	1.9	1.7	1.3	1.7
60°	6.8	4.1	6.1	6.5	5.2	4.5	6.7	6.3	3.3	2.8	2.6
57.5°	32.7	27.4	30.1	27.4	18.7	16.4	17.0	16.2	14.6	9.0	3.8
55°	113.0	96.8	76.0	65.7	63.3	48.4	36.1	30.1	27.3	19.7	13.0
52.5°	143.5	133.4	117.7	96.1	84.5	80.2	68.6	54.9	43.6	34.8	25.0
50°	179.8	182.6	166.5	136.5	124.7	111.9	100.6	84.7	70.4	56.5	41.7
47.5°	293.4	273.3	257.1	234.8	192.4	165.3	147.5	121.5	102.0	85.1	66.8
45°	391.3	368.2	352.4	317.7	272.7	230.8	202.8	170.2	135.6	113.0	96.4
42.5°	460.7	431.0	405.0	376.7	333.6	286.3	248.0	215.7	179.3	142.7	120.7
40°	528.7	481.5	455.8	430.5	389.8	336.8	306.9	259.6	221.6	181.0	150.9
37.5°	630.1	549.9	540.7	516.3	470.4	415.2	381.6	334.9	264.4	226.2	191.6
35°	801.4	718.8	671.0	647.1	587.5	517.2	461.8	418.3	348.3	273.0	233.1
32.5°	990.2	885.6	813.2	779.1	715.1	619.7	551.4	496.0	425.8	340.5	276.6
30°	1096.9	1001.4	914.2	855.9	793.7	711.7	633.3	555.1	478.8	408.3	323.7
27.5°	1196.1	1077.1	983.1	917.2	859.0	780.2	693.4	609.6	525.8	456.1	380.7
25°	1290.6	1158.8	1056.2	978.9	911.3	848.9	750.8	659.2	571.8	494.8	435.8
22.5°	1378.7	1256.3	1138.2	1037.1	979.8	912.8	816.0	705.1	619.7	554.9	485.5
20°	1523.7	1386.7	1237.2	1149.7	1096.4	992.8	883.4	773.7	695.3	621.1	539.4
17.5°	1762.8	1591.8	1413.0	1319.4	1243.9	1116.9	977.4	868.6	770.7	688.0	598.1
15°	2024.5	1804.4	1627.3	1506.3	1386.7	1238.0	1076.5	959.0	847.7	754.7	652.0
12.5°	2153.9	1944.3	1787.7	1617.1	1462.9	1328.1	1175.3	1045.7	919.5	798.3	685.4
10°	2231.0	2022.8	1845.6	1675.4	1520.7	1391.1	1249.2	1095.6	955.3	827.1	713.2
7.5°	2291.1	2076.6	1887.7	1718.3	1561.6	1424.9	1289.1	1128.0	984.0	850.4	735.6
5°	2332.6	2118.4	1927.0	1755.7	1590.7	1449.1	1318.7	1152.5	1005.4	868.1	752.5
2.5°	2375.5	2151.0	1951.5	1779.8	1609.2	1464.4	1336.6	1171.3	1022.8	881.2	766.6
0°	2392.2	2169.7	1968.6	1792.4	1619.6	1470.5	1341.8	1183.7	1034.6	888.9	775.9
-2.5°	2403.0	2175.8	1975.3	1800.7	1633.4	1480.2	1347.7	1197.5	1038.3	897.1	778.5
-5°	2386.6	2168.6	1969.7	1793.9	1633.7	1480.9	1343.6	1199.6	1037.4	899.3	776.5
-7.5°	2366.6	2149.5	1948.4	1775.9	1621.9	1470.7	1331.4	1190.6	1033.8	895.7	772.7
-10°	2332.8	2119.0	1927.5	1757.1	1601.2	1449.0	1313.7	1173.5	1022.2	885.5	763.7
-12.5°	2287.6	2080.5	1891.4	1722.8	1573.2	1426.6	1294.1	1150.0	1002.5	868.4	749.5
-15°	2228.0	2030.1	1846.7	1682.3	1537.7	1397.5	1265.0	1123.9	983.4	847.4	730.1
-17.5°	2162.7	1963.6	1783.0	1628.1	1491.0	1358.0	1228.1	1096.6	961.2	827.6	712.5
-20°	2088.5	1893.1	1714.1	1564.1	1434.6	1308.6	1188.5	1066.0	930.5	804.9	694.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1981.9	1809.2	1645.1	1498.1	1374.3	1259.0	1143.3	1024.8	890.6	776.5	669.0
-25°	1876.5	1715.9	1568.4	1433.2	1313.7	1204.2	1091.7	974.2	855.2	743.1	638.4
-27.5°	1773.3	1624.6	1477.7	1356.1	1248.8	1141.8	1036.1	925.0	815.4	705.5	609.6
-30°	1662.0	1522.9	1390.4	1276.3	1174.7	1075.7	980.7	876.9	769.0	664.8	578.5
-32.5°	1539.7	1417.6	1300.8	1193.4	1098.4	1010.8	920.5	822.1	715.6	626.7	542.5
-35°	1420.9	1308.3	1207.5	1112.7	1026.6	946.3	858.9	760.4	666.9	583.4	501.9
-37.5°	1314.7	1204.9	1111.6	1030.0	958.0	881.9	794.8	707.4	619.4	535.3	464.2
-40°	1204.7	1102.3	1019.4	953.1	884.2	815.7	739.0	657.8	571.0	488.8	427.1
-42.5°	1098.1	1015.5	933.8	867.4	805.6	749.6	684.9	602.9	523.1	451.6	392.4
-45°	993.8	918.7	844.2	783.6	732.2	679.6	621.8	547.3	475.6	414.3	358.4
-47.5°	886.6	823.4	761.2	704.9	658.9	607.9	552.1	488.9	430.2	374.9	325.4
-50°	783.7	732.4	682.1	633.2	586.8	536.9	487.0	436.1	383.7	335.5	290.6
-52.5°	686.8	644.3	601.7	559.0	518.4	474.8	428.8	383.5	337.4	297.1	257.0
-55°	595.5	559.2	525.4	491.2	457.0	417.6	376.1	335.3	298.5	261.5	228.8
-57.5°	514.9	482.9	456.1	428.1	399.2	364.4	328.8	294.3	263.8	233.2	202.9
-60°	443.6	415.7	392.7	368.3	342.6	313.6	285.3	258.0	231.6	206.6	180.6
-62.5°	376.2	353.7	333.0	312.4	291.5	269.4	245.3	223.3	202.8	181.8	158.2
-65°	312.5	294.9	277.5	260.8	243.6	225.9	206.8	189.3	172.6	155.6	135.2
-67.5°	254.4	240.6	226.5	212.6	199.2	185.2	170.6	156.0	142.4	128.5	111.9
-70°	204.8	194.4	183.5	171.8	160.8	149.8	138.5	126.7	114.2	102.9	91.5
-72.5°	165.3	157.9	149.7	140.3	130.3	120.8	111.6	102.4	92.9	83.2	73.3
-75°	133.6	128.1	121.9	114.0	105.9	97.6	89.9	82.0	73.4	64.0	54.8
-77.5°	105.8	102.4	98.6	92.3	86.0	79.6	72.7	64.1	55.3	46.6	39.0
-80°	79.3	77.7	75.4	70.0	64.5	59.1	53.3	45.8	38.3	31.3	25.7
-82.5°	52.3	51.2	49.8	46.1	42.5	39.0	35.4	30.2	25.2	20.4	16.3
-85°	28.6	27.7	26.7	24.9	23.2	21.5	19.8	16.9	14.2	11.6	9.4
-87.5°	10.5	10.1	9.8	9.4	9.0	8.6	8.2	7.3	6.5	5.7	5.0
-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: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	2.9	2.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3
82.5°	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.3	0.6	0.7	0.8	0.6	0.4	0.2
77.5°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.0	0.8	0.5
75°	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.6	0.9	1.1	0.9
72.5°	0.0	0.0	0.0	0.1	0.3	0.3	0.2	0.2	0.6	0.9	1.1
70°	0.2	0.1	0.0	0.2	0.5	0.7	0.6	0.5	0.4	0.8	1.0
67.5°	0.5	0.6	0.4	0.3	0.5	0.8	1.0	1.0	0.9	0.7	1.0
65°	1.3	1.2	1.1	1.0	0.8	0.8	1.1	1.4	1.3	1.1	1.0
62.5°	2.0	2.0	1.8	1.6	1.5	1.3	1.1	1.5	1.7	1.5	1.3
60°	2.5	2.7	2.6	2.3	2.1	1.9	1.7	1.8	2.0	1.9	1.6
57.5°	3.5	3.4	3.4	3.1	2.7	2.4	2.3	2.2	2.3	2.3	2.0
55°	6.2	4.3	4.3	4.0	3.5	3.0	2.9	2.8	2.6	2.6	2.3
52.5°	15.7	8.7	5.6	5.1	4.5	3.7	3.4	3.3	3.1	3.0	2.6
50°	29.0	18.7	10.6	6.6	5.6	4.8	4.0	3.8	3.6	3.4	3.0
47.5°	46.4	32.2	20.9	10.5	7.3	6.0	5.0	4.3	4.1	3.8	3.3
45°	71.4	47.5	32.9	20.8	9.7	8.3	6.2	4.8	4.5	4.2	3.6
42.5°	99.3	69.7	46.2	31.4	18.6	11.5	7.4	5.9	5.0	4.6	3.9
40°	126.8	96.3	62.1	43.3	28.1	15.5	10.7	7.0	5.4	5.0	4.3
37.5°	157.1	124.5	87.0	56.1	37.8	23.7	14.7	8.2	6.2	5.5	4.7
35°	194.6	155.7	111.8	74.7	50.1	31.2	19.1	10.4	7.6	6.0	5.1
32.5°	232.1	186.9	138.8	96.3	63.0	38.2	24.8	14.9	9.3	6.5	5.5
30°	269.8	215.5	164.1	116.4	77.7	49.4	31.0	19.2	11.2	7.0	6.0
27.5°	303.7	242.5	187.8	137.3	95.0	61.3	37.5	23.4	13.3	8.0	6.4
25°	342.1	271.7	211.2	157.4	110.8	73.6	44.1	27.6	16.4	9.6	6.8
22.5°	391.4	301.6	232.8	175.5	126.5	85.4	52.6	33.0	19.8	11.3	7.3
20°	440.5	330.9	254.1	198.3	143.5	98.6	62.5	38.4	23.0	13.1	7.7
17.5°	488.6	368.3	284.9	221.5	161.8	111.0	71.7	43.7	26.1	14.9	8.1
15°	531.7	411.3	315.2	243.5	179.6	122.5	80.2	48.9	28.9	16.7	8.7
12.5°	568.0	448.3	343.7	264.0	196.8	133.0	88.0	53.8	31.5	18.8	9.5
10°	597.9	479.6	370.2	283.0	213.1	142.4	95.1	58.7	34.6	20.9	10.3
7.5°	621.9	505.5	394.3	300.3	227.8	151.2	102.6	64.0	37.6	23.0	11.2
5°	639.9	525.7	412.9	312.6	239.6	159.3	109.6	68.8	40.4	24.9	12.0
2.5°	651.6	540.5	426.7	322.3	249.1	166.2	115.7	73.1	42.9	26.7	12.8
0°	658.5	551.2	437.1	329.8	256.4	171.7	120.9	76.8	45.2	28.2	13.6
-2.5°	664.6	558.1	446.2	342.8	261.4	180.8	124.2	80.2	48.8	29.3	15.0
-5°	666.6	561.2	452.1	352.8	264.4	188.1	126.5	82.9	51.9	30.2	16.2
-7.5°	663.2	559.3	454.2	358.5	265.8	193.3	127.8	85.1	54.4	30.9	17.3
-10°	655.6	553.3	451.5	356.8	267.7	194.9	128.6	86.6	56.2	31.5	18.2
-12.5°	644.3	544.2	445.6	353.0	267.4	193.9	130.7	87.9	57.2	31.8	18.9
-15°	629.4	532.2	436.5	347.4	264.2	191.5	131.3	88.3	57.1	32.5	19.3
-17.5°	612.0	517.7	424.3	340.3	257.9	188.0	130.1	87.8	56.5	33.5	19.7
-20°	594.5	501.6	409.9	331.8	248.5	183.4	127.1	86.1	55.5	34.1	20.1

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Scaled Data Report



REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	574.0	483.1	397.4	320.1	238.3	177.9	122.1	83.4	54.0	34.4	20.3
-25°	550.4	461.4	382.4	303.9	230.2	171.7	117.0	79.5	52.1	34.3	20.2
-27.5°	523.8	438.4	364.8	286.2	221.8	163.0	112.2	76.6	50.5	33.8	19.9
-30°	494.0	416.6	343.7	269.2	211.6	153.7	105.8	73.4	49.7	33.2	19.4
-32.5°	462.0	392.1	321.0	256.2	200.0	143.9	100.2	69.8	48.5	32.4	19.4
-35°	432.0	365.5	297.9	241.3	187.6	138.1	96.5	65.8	46.8	31.3	19.5
-37.5°	399.8	337.6	279.5	225.7	174.6	131.5	93.4	64.0	44.5	29.8	19.4
-40°	368.9	311.1	258.3	210.8	165.0	124.1	88.7	62.0	42.3	28.0	19.2
-42.5°	337.6	286.2	238.0	194.6	155.9	116.9	82.6	58.9	40.6	27.0	18.8
-45°	308.7	260.5	216.4	180.5	145.9	107.6	77.9	55.1	38.4	26.3	18.3
-47.5°	278.4	234.3	196.7	165.0	132.7	97.6	71.9	52.0	35.8	25.4	18.1
-50°	247.1	209.5	178.2	148.0	116.6	89.2	65.5	48.4	34.9	24.6	17.6
-52.5°	219.7	187.7	159.4	130.6	104.4	79.4	60.7	44.5	33.7	24.0	17.0
-55°	196.2	167.0	140.8	116.3	92.8	72.2	55.2	42.7	32.1	23.2	16.2
-57.5°	175.3	147.8	125.5	103.5	83.1	65.2	51.3	40.5	30.5	22.1	15.5
-60°	155.1	132.5	111.7	92.0	74.0	59.2	48.3	37.9	28.6	20.7	14.8
-62.5°	136.4	116.5	98.3	80.6	65.9	54.4	44.9	35.0	26.3	19.0	13.8
-65°	116.8	99.8	84.4	70.5	58.6	48.7	40.4	31.6	23.4	16.9	12.5
-67.5°	96.3	83.9	71.9	60.3	50.6	42.2	35.3	27.2	19.9	14.5	11.0
-70°	80.2	69.3	59.1	50.0	42.1	35.3	28.8	22.0	16.1	12.4	9.3
-72.5°	63.9	54.9	46.6	39.4	33.7	27.9	22.1	16.8	13.3	10.3	7.6
-75°	47.3	41.2	35.8	30.8	25.7	20.6	16.8	13.4	10.5	8.0	6.5
-77.5°	34.3	29.9	25.9	22.7	19.2	15.9	12.7	9.8	7.9	6.6	5.4
-80°	23.3	21.0	18.8	16.6	13.8	11.1	9.1	7.5	6.4	5.3	4.4
-82.5°	14.7	13.5	12.4	11.3	9.6	8.1	6.8	5.7	4.8	4.0	3.5
-85°	8.7	8.0	7.4	6.8	5.8	5.0	4.7	4.3	4.0	3.6	3.2
-87.5°	4.9	4.8	4.7	4.7	4.4	4.2	4.0	3.9	3.5	3.2	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8

Classified

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



REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.3	2.0	1.7	1.4	1.1	1.1	1.1
87.5°	0.8	0.9	1.0	1.1	1.1	1.1	1.1
85°	0.5	0.7	0.9	1.0	1.1	1.1	1.1
82.5°	0.3	0.6	0.8	1.0	1.1	1.1	1.1
80°	0.1	0.4	0.7	1.0	1.1	1.1	1.1
77.5°	0.3	0.4	0.6	0.9	1.1	1.1	1.1
75°	0.6	0.5	0.6	0.9	1.1	1.1	1.1
72.5°	0.9	0.7	0.7	0.9	1.1	1.1	1.1
70°	1.1	0.9	0.8	0.9	1.1	1.1	1.1
67.5°	1.1	1.0	0.9	0.9	1.1	1.1	1.1
65°	1.2	1.1	1.0	1.0	1.1	1.1	1.1
62.5°	1.2	1.2	1.0	1.0	1.1	1.1	1.1
60°	1.3	1.3	1.1	1.0	1.1	1.1	1.1
57.5°	1.6	1.5	1.2	1.0	1.1	1.1	1.1
55°	1.9	1.6	1.3	1.1	1.1	1.1	1.1
52.5°	2.2	1.7	1.5	1.1	1.2	1.1	1.1
50°	2.5	2.0	1.6	1.1	1.2	1.1	1.1
47.5°	2.8	2.2	1.7	1.1	1.2	1.1	1.1
45°	3.0	2.4	1.9	1.2	1.2	1.1	1.1
42.5°	3.3	2.6	2.0	1.3	1.3	1.1	1.1
40°	3.5	2.9	2.2	1.5	1.3	1.1	1.1
37.5°	3.7	3.1	2.4	1.7	1.4	1.1	1.1
35°	4.0	3.2	2.5	1.8	1.4	1.1	1.1
32.5°	4.2	3.4	2.7	2.0	1.5	1.1	1.1
30°	4.6	3.6	2.8	2.1	1.5	1.1	1.1
27.5°	4.9	3.8	3.0	2.2	1.6	1.1	1.1
25°	5.2	3.9	3.1	2.4	1.7	1.1	1.1
22.5°	5.6	4.1	3.3	2.5	1.7	1.1	1.1
20°	5.9	4.3	3.5	2.6	1.8	1.1	1.1
17.5°	6.2	4.5	3.6	2.7	1.9	1.1	1.1
15°	6.5	4.7	3.8	2.9	1.9	1.1	1.1
12.5°	6.8	4.9	3.9	3.0	2.0	1.1	1.1
10°	7.1	5.0	4.0	3.1	2.1	1.1	1.1
7.5°	7.3	5.2	4.2	3.2	2.1	1.1	1.1
5°	7.6	5.3	4.3	3.2	2.2	1.1	1.1
2.5°	7.7	5.5	4.4	3.3	2.2	1.1	1.1
0°	7.9	5.6	4.5	3.4	2.3	1.1	1.1
-2.5°	8.3	5.7	4.6	3.4	2.3	1.1	1.1
-5°	8.7	5.8	4.7	3.4	2.3	1.1	1.1
-7.5°	9.1	5.9	4.7	3.4	2.3	1.1	1.1
-10°	9.4	6.0	4.8	3.3	2.3	1.1	1.1
-12.5°	9.6	6.1	4.8	3.3	2.2	1.1	1.1
-15°	9.8	6.2	4.8	3.3	2.2	1.1	1.1
-17.5°	9.8	6.2	4.8	3.2	2.2	1.1	1.1
-20°	10.1	6.3	4.8	3.2	2.2	1.1	1.1

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REPORT NUMBER: P626670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.7	6.3	4.8	3.1	2.1	1.1	1.1
-25°	11.2	6.7	4.7	3.1	2.1	1.1	1.1
-27.5°	11.6	7.2	4.6	3.0	2.0	1.1	1.1
-30°	11.9	7.7	4.4	3.0	2.0	1.1	1.1
-32.5°	12.1	8.0	4.6	2.9	1.9	1.1	1.1
-35°	12.4	8.3	4.7	2.8	1.9	1.1	1.1
-37.5°	12.7	8.5	4.8	2.7	1.8	1.1	1.1
-40°	12.9	8.6	4.9	2.6	1.7	1.1	1.1
-42.5°	13.0	8.6	4.9	2.6	1.7	1.1	1.1
-45°	12.9	8.5	4.9	2.6	1.6	1.1	1.1
-47.5°	12.7	8.4	4.9	2.6	1.5	1.1	1.1
-50°	12.4	8.2	4.8	2.5	1.4	1.1	1.1
-52.5°	12.1	8.0	4.7	2.5	1.4	1.1	1.1
-55°	11.7	7.7	4.5	2.4	1.3	1.1	1.1
-57.5°	11.1	7.2	4.2	2.3	1.2	1.1	1.1
-60°	10.5	6.8	3.9	2.2	1.1	1.1	1.1
-62.5°	9.7	6.2	3.7	2.1	1.1	1.1	1.1
-65°	8.7	5.6	3.5	1.9	1.1	1.1	1.1
-67.5°	7.7	5.0	3.2	1.8	1.1	1.1	1.1
-70°	6.6	4.5	2.9	1.6	1.1	1.1	1.1
-72.5°	5.8	4.0	2.6	1.6	1.1	1.1	1.1
-75°	5.1	3.5	2.2	1.6	1.1	1.1	1.1
-77.5°	4.3	3.0	2.1	1.5	1.1	1.1	1.1
-80°	3.5	2.7	2.1	1.5	1.1	1.1	1.1
-82.5°	3.1	2.5	2.0	1.5	1.1	1.1	1.1
-85°	2.9	2.3	1.9	1.5	1.1	1.1	1.1
-87.5°	2.6	2.2	1.8	1.4	1.1	1.1	1.1
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1

(END OF REPORT)