

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1C-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-730-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

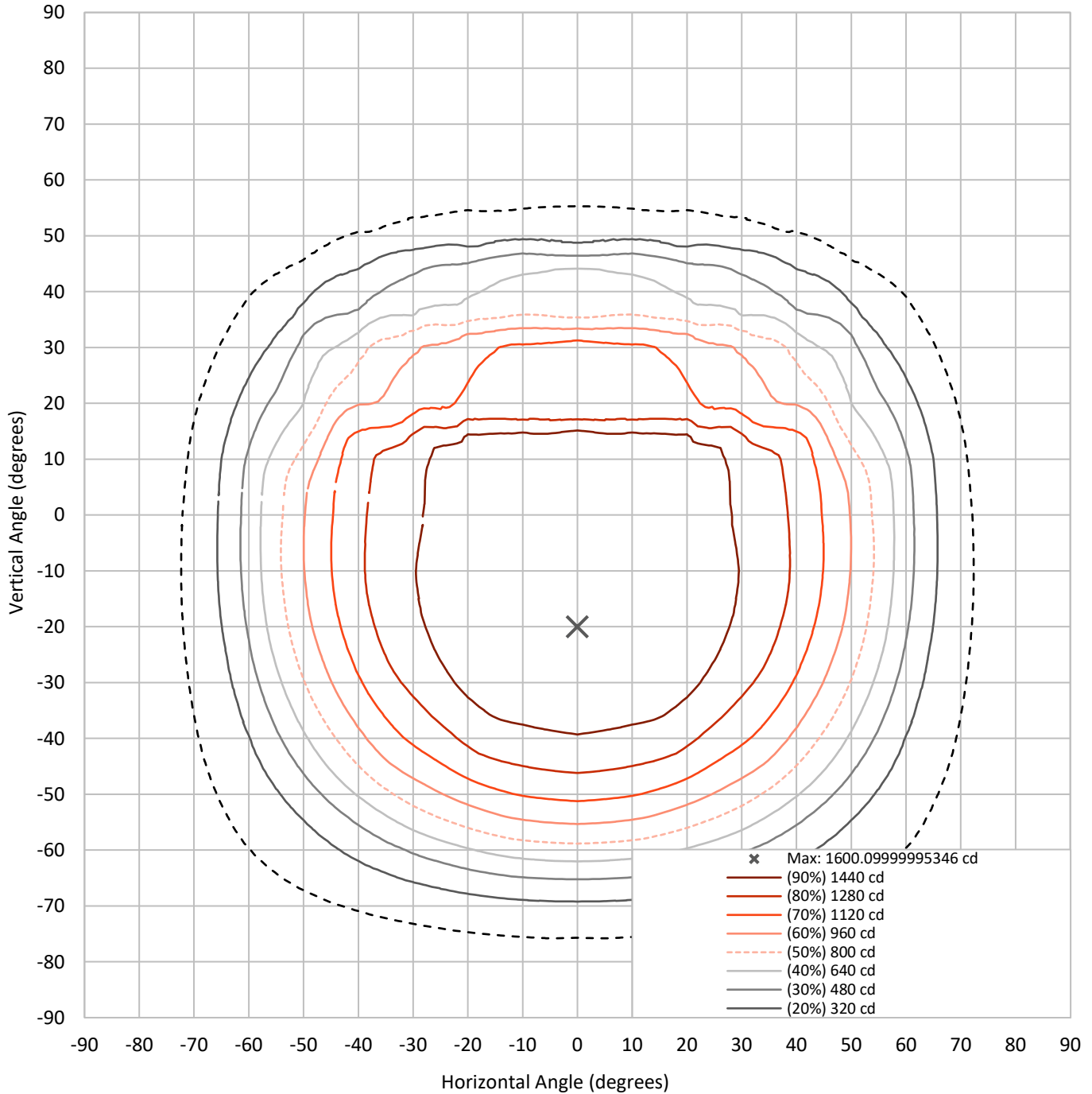
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3751.9 lumens	Max Intensity:	1600.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	86.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	2933 lumens	Field Lumens:	3677.4 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
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: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

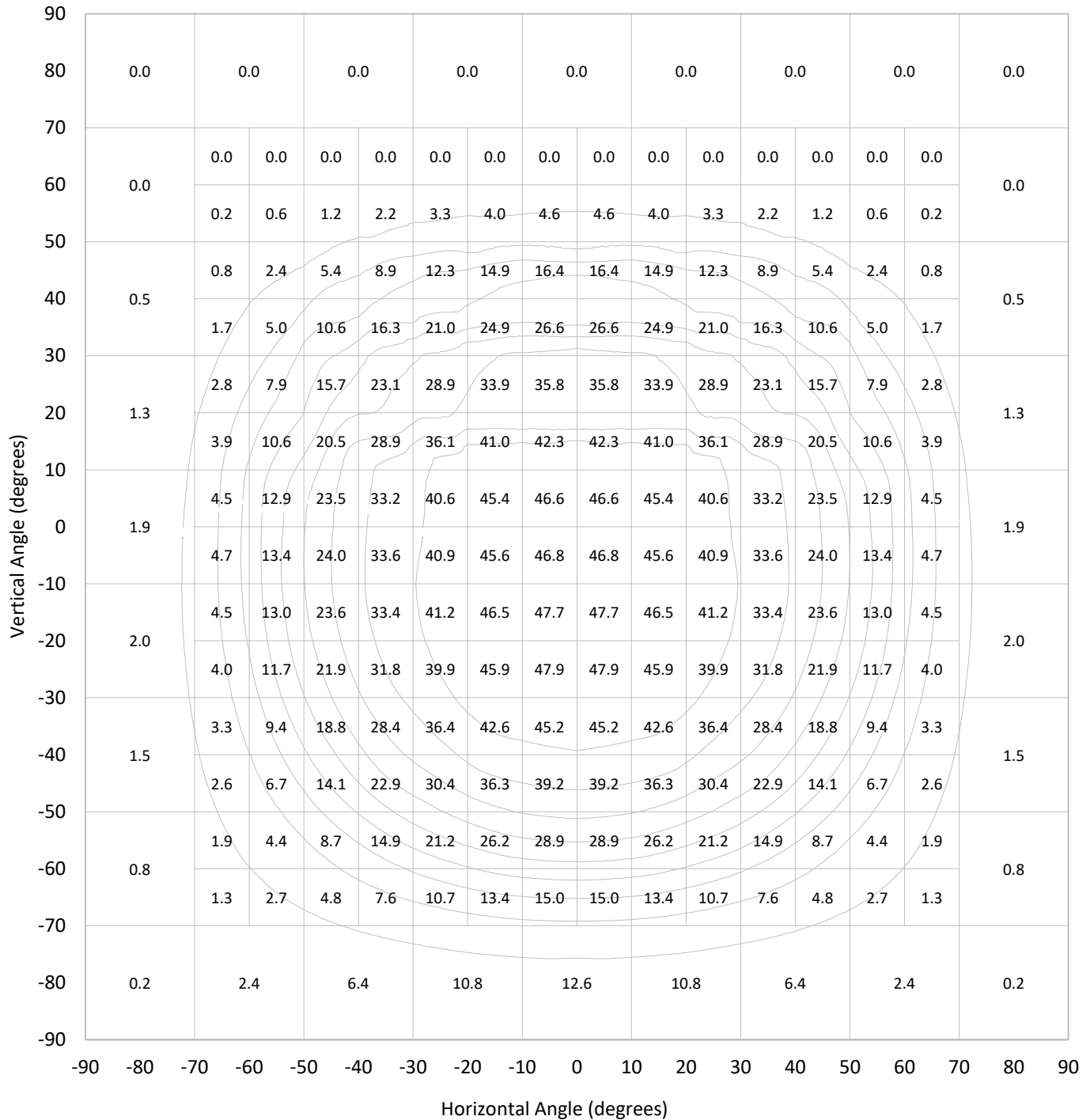
Iso-Candela Plot





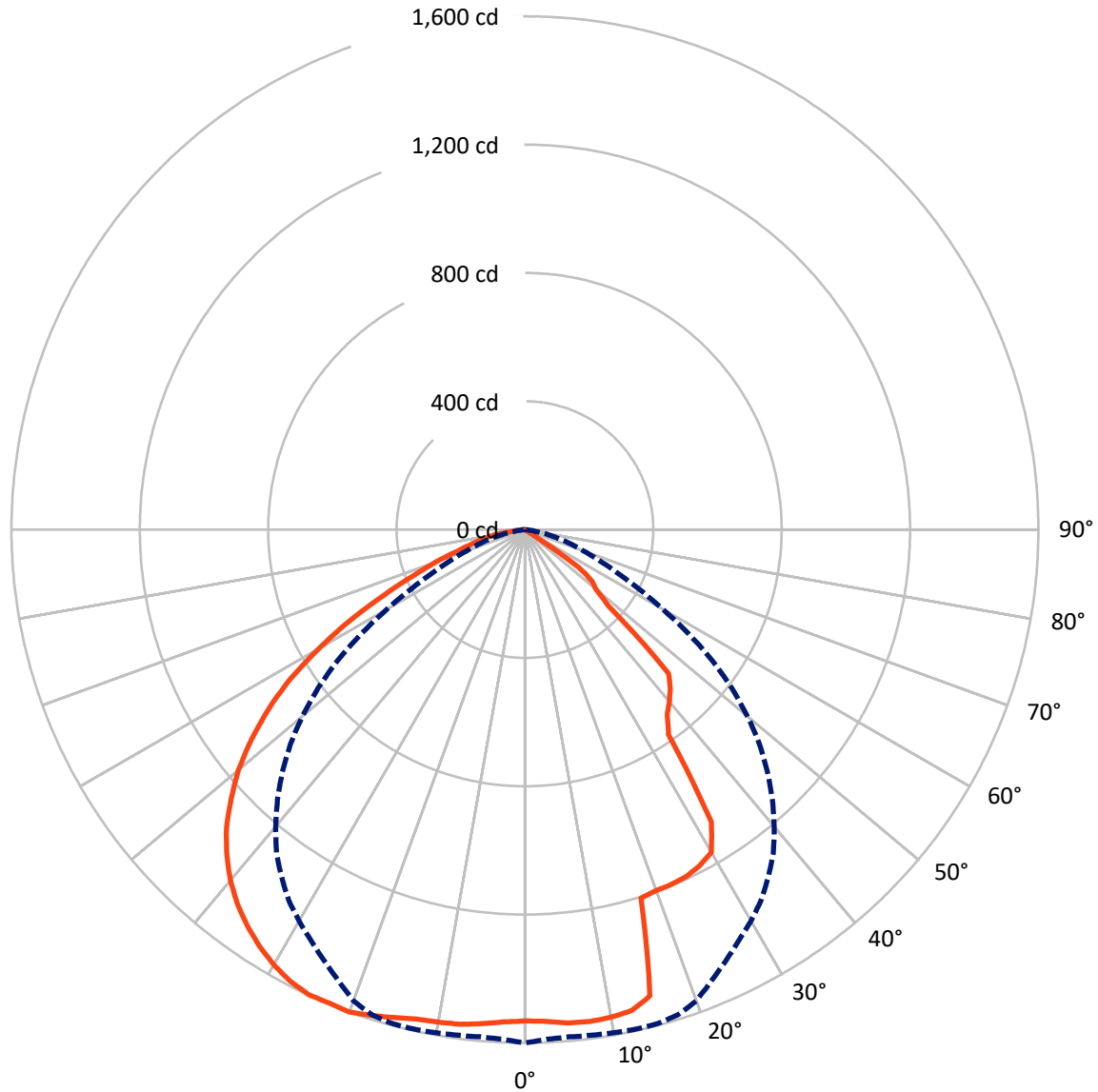
REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

Lumen Table



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

Luminous Intensity Polar Plot

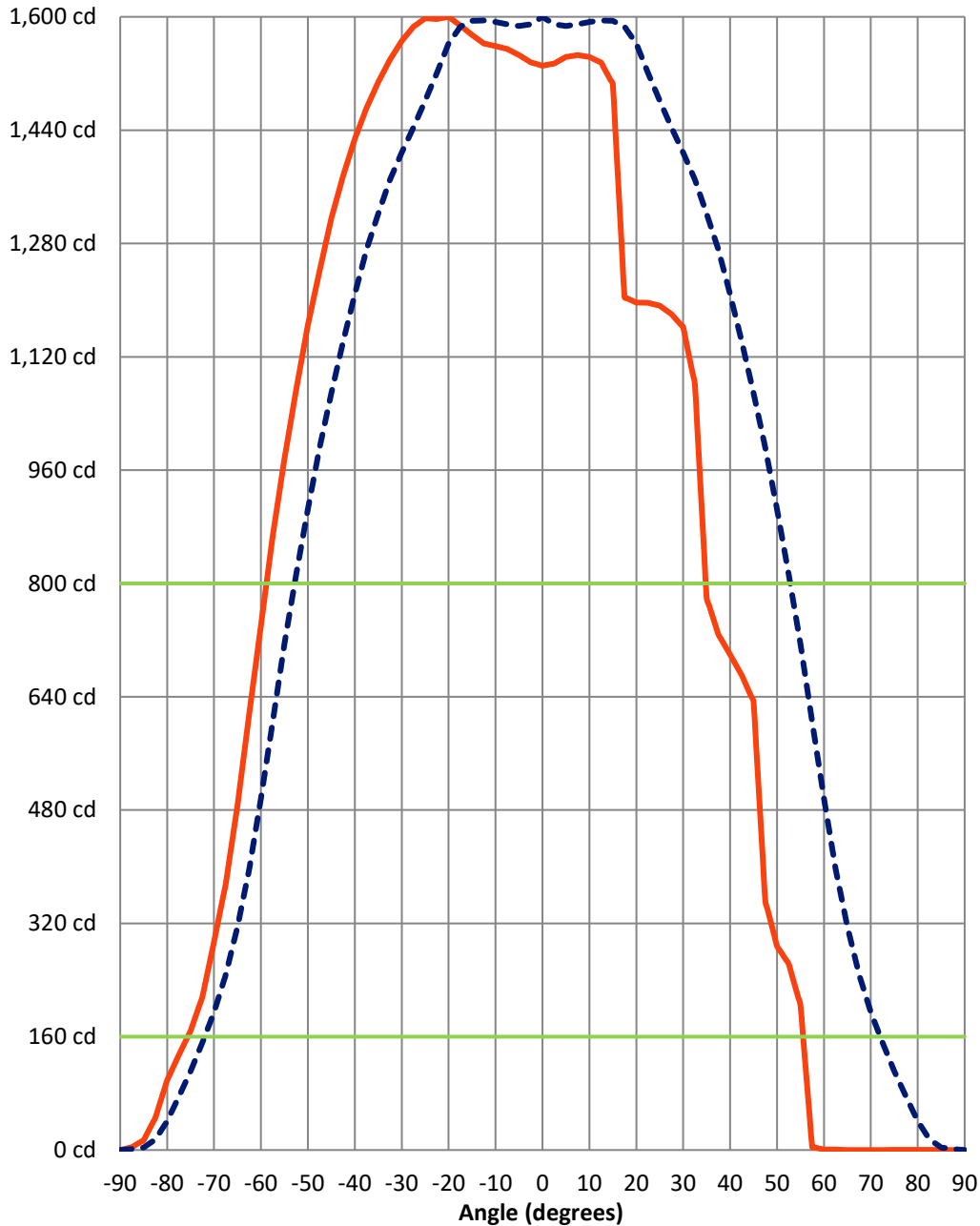


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 2933
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 3677.4
 Efficiency: 98.0%

Spill:
 Lumens: 74.5
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

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	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.3	0.3
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.3
77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3
75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.6	0.5	0.4	0.3
72.5°	0.0	0.3	0.4	0.6	0.7	0.7	0.7	0.6	0.5	0.4	0.3
70°	0.0	0.3	0.5	0.7	0.8	0.8	0.7	0.6	0.5	0.5	0.5
67.5°	0.0	0.3	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.7	0.8
65°	0.0	0.4	0.6	0.8	0.8	0.9	0.9	0.7	0.9	1.1	1.3
62.5°	0.0	0.4	0.7	0.8	0.9	1.1	1.1	0.9	1.2	1.9	3.0
60°	0.0	0.4	0.7	0.8	0.9	1.4	1.3	1.3	1.6	4.7	5.2
57.5°	0.0	0.5	0.8	0.9	1.2	1.7	2.3	1.8	4.6	8.0	9.4
55°	0.0	0.5	0.8	0.9	1.4	2.0	3.7	2.9	8.6	12.4	15.2
52.5°	0.0	0.5	0.8	0.9	1.8	2.5	5.3	7.4	12.9	19.5	22.0
50°	0.0	0.6	0.9	1.0	2.1	4.3	7.2	12.6	18.5	27.4	34.4
47.5°	0.0	0.6	0.9	1.0	2.4	6.1	9.7	18.0	26.6	36.1	47.0
45°	0.0	0.6	1.0	1.3	2.8	8.2	14.6	23.7	35.8	47.0	59.3
42.5°	0.0	0.7	1.0	1.6	3.1	10.3	19.6	30.9	45.1	57.7	73.4
40°	0.0	0.7	1.0	1.9	4.2	12.6	24.8	39.0	54.6	68.1	88.5
37.5°	0.0	0.7	1.1	2.3	6.0	15.0	30.1	47.2	64.7	80.7	104.3
35°	0.0	0.7	1.1	2.8	7.8	18.6	35.4	55.4	74.9	96.1	122.9
32.5°	0.0	0.8	1.2	3.3	9.6	22.8	41.2	63.6	85.2	111.6	145.7
30°	0.0	0.8	1.2	3.8	11.4	27.0	47.8	71.8	95.6	127.2	167.5
27.5°	0.0	0.8	1.3	4.4	13.7	31.1	54.3	80.4	107.0	142.7	188.3
25°	0.0	0.8	1.3	5.0	16.0	35.2	60.7	88.9	119.9	159.6	208.2
22.5°	0.0	0.9	1.3	5.7	18.4	39.3	66.8	97.2	132.6	176.6	228.3
20°	0.0	0.9	1.4	6.3	20.7	43.8	72.8	105.4	144.9	192.6	247.9
17.5°	0.0	0.9	1.4	7.0	22.9	48.1	78.7	113.3	156.8	207.6	266.9
15°	0.0	0.9	1.5	7.7	25.2	52.2	84.3	120.7	168.3	221.6	285.1
12.5°	0.0	0.9	1.5	8.3	27.3	56.2	89.6	127.2	177.4	234.6	302.5
10°	0.0	1.0	1.6	9.0	29.3	59.9	94.5	133.3	184.2	242.4	316.6
7.5°	0.0	1.0	1.6	9.6	31.3	63.4	99.0	138.8	190.0	248.4	324.8
5°	0.0	1.0	1.6	10.2	33.1	66.6	103.1	143.8	194.9	253.2	331.6
2.5°	0.0	1.0	1.7	10.8	34.7	69.5	106.8	148.2	198.8	257.0	336.7
0°	0.0	1.0	1.7	11.3	36.2	72.1	110.0	152.0	201.9	259.6	340.2
-2.5°	0.0	1.1	2.0	12.0	37.6	73.7	111.6	154.2	203.0	263.0	342.5
-5°	0.0	1.1	2.2	12.7	38.7	75.0	112.8	155.9	203.4	265.1	343.3
-7.5°	0.0	1.2	2.5	13.3	39.7	76.0	113.6	156.9	203.1	266.0	342.5
-10°	0.0	1.2	2.7	13.8	40.4	76.6	113.9	157.3	202.2	265.5	340.4
-12.5°	0.0	1.3	3.0	14.3	40.9	76.8	113.8	157.1	200.8	263.4	336.6
-15°	0.0	1.3	3.2	14.6	41.1	76.7	113.4	156.1	199.3	259.2	331.2
-17.5°	0.0	1.4	3.4	14.9	41.1	76.2	112.6	154.3	197.3	254.0	324.1
-20°	0.0	1.4	3.6	15.0	40.8	75.4	111.3	151.6	194.6	247.8	315.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	3.8	15.1	40.2	74.3	109.4	148.3	191.0	240.6	305.1
-25°	0.0	1.4	3.9	15.0	39.4	72.5	107.1	144.6	186.5	232.5	293.1
-27.5°	0.0	1.5	4.1	14.8	38.2	70.2	104.4	140.3	181.2	224.7	282.6
-30°	0.0	1.5	4.2	14.5	36.8	67.7	101.3	135.6	175.4	218.1	271.3
-32.5°	0.0	1.5	4.2	14.1	35.1	64.9	97.7	131.2	169.3	210.5	259.2
-35°	0.0	1.5	4.3	13.5	33.3	61.7	93.8	126.6	162.7	201.8	246.3
-37.5°	0.0	1.5	4.3	12.9	31.2	58.6	89.7	121.5	155.6	192.1	233.6
-40°	0.0	1.5	4.3	12.1	29.0	55.7	85.2	115.9	148.0	183.0	221.1
-42.5°	0.0	1.4	4.3	11.2	27.3	52.7	80.4	109.8	140.7	173.3	207.6
-45°	0.0	1.4	4.3	10.3	26.2	49.5	75.3	103.5	133.2	163.0	193.6
-47.5°	0.0	1.4	4.2	9.3	24.8	46.0	69.9	97.3	125.2	152.2	181.5
-50°	0.0	1.3	4.1	9.0	23.2	42.4	65.4	90.7	116.4	142.3	168.9
-52.5°	0.0	1.3	4.0	8.8	21.5	38.6	60.9	83.8	107.9	132.1	155.9
-55°	0.0	1.2	3.8	8.6	19.5	35.8	56.3	76.8	99.4	121.6	144.4
-57.5°	0.0	1.2	3.6	8.2	17.4	32.9	51.4	71.3	90.6	111.6	132.7
-60°	0.0	1.1	3.4	7.7	15.1	29.7	46.5	65.2	81.8	101.4	120.9
-62.5°	0.0	1.0	3.2	7.2	14.0	26.3	42.0	58.5	73.7	91.0	109.4
-65°	0.0	1.0	3.0	6.5	12.8	22.6	37.2	51.6	65.1	80.5	97.5
-67.5°	0.0	0.9	2.7	5.8	11.5	19.6	32.1	44.8	56.0	69.6	84.8
-70°	0.0	0.8	2.5	5.1	10.0	17.1	26.7	37.8	47.9	58.1	71.2
-72.5°	0.0	0.7	2.2	4.5	8.4	14.5	22.6	30.7	39.6	48.7	57.9
-75°	0.0	0.6	1.9	3.9	6.6	11.7	18.5	24.7	31.2	39.1	47.1
-77.5°	0.0	0.5	1.6	3.3	5.5	8.8	14.1	19.1	24.3	29.8	36.2
-80°	0.0	0.4	1.3	2.6	4.4	6.7	9.6	13.4	17.4	21.7	26.3
-82.5°	0.0	0.3	1.0	2.0	3.4	5.0	7.1	8.6	10.4	13.4	16.7
-85°	0.0	0.2	0.7	1.3	2.2	3.4	4.7	5.7	6.8	7.8	8.9
-87.5°	0.0	0.1	0.3	0.7	1.1	1.7	2.4	2.9	3.4	3.9	4.5
-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: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.5	0.5	0.5	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3
67.5°	0.7	0.6	0.5	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3
65°	0.7	0.6	0.8	1.0	0.7	0.6	0.5	0.4	0.4	0.5	0.5
62.5°	1.0	1.3	1.6	2.9	2.2	0.6	1.1	1.3	1.0	0.8	0.9
60°	3.4	2.3	6.8	9.7	6.0	2.2	2.7	8.9	7.8	1.5	4.8
57.5°	7.0	9.6	17.7	18.1	12.5	8.6	25.1	29.0	21.9	12.8	19.5
55°	15.5	23.7	29.4	27.2	29.7	45.0	53.5	48.1	40.4	62.2	79.5
52.5°	30.2	38.6	40.5	46.6	66.7	76.6	73.4	78.5	101.8	126.4	131.7
50°	44.6	51.5	56.8	82.2	97.9	98.9	106.3	129.3	160.4	175.4	171.8
47.5°	58.4	65.6	90.7	115.1	122.2	131.8	150.1	194.6	227.5	228.1	224.4
45°	73.1	92.2	124.3	140.2	151.7	170.4	214.4	275.9	279.0	287.9	342.8
42.5°	88.8	122.4	150.3	166.9	185.4	220.3	279.1	319.4	333.2	372.3	416.4
40°	114.3	151.5	175.9	197.0	220.8	271.7	336.1	373.9	385.1	419.0	452.2
37.5°	140.1	175.7	203.1	228.6	261.6	330.3	404.8	435.9	441.6	447.9	521.4
35°	165.0	200.6	233.4	266.7	307.2	406.2	471.3	500.5	499.6	541.4	618.4
32.5°	188.2	226.1	264.8	309.4	376.1	477.5	542.7	560.2	586.8	647.5	752.7
30°	211.4	254.5	298.9	352.1	436.6	524.4	598.8	627.0	672.6	741.9	818.4
27.5°	235.3	283.6	337.3	399.6	484.3	565.1	628.6	696.0	740.3	802.4	856.8
25°	259.1	314.4	375.3	441.2	518.4	593.7	659.4	737.2	784.8	834.8	885.6
22.5°	284.0	345.7	414.4	474.1	547.1	618.0	696.2	780.7	842.5	874.3	908.4
20°	310.2	379.5	452.8	518.9	575.5	640.6	733.2	835.8	915.6	951.4	956.1
17.5°	335.9	412.3	491.1	562.6	623.7	681.6	772.1	901.9	1001.1	1034.4	1049.2
15°	361.0	443.8	529.1	605.2	672.2	743.1	839.7	971.7	1085.1	1121.9	1145.2
12.5°	385.2	473.8	566.6	646.3	720.8	800.3	901.0	1021.8	1125.4	1196.7	1239.4
10°	408.3	502.2	602.9	685.9	768.8	853.3	951.8	1059.2	1143.5	1212.3	1273.0
7.5°	419.9	520.7	634.1	723.5	815.6	902.3	993.3	1085.6	1156.6	1224.0	1282.7
5°	427.8	528.4	643.9	736.5	840.5	935.0	1023.4	1102.9	1165.1	1232.0	1289.3
2.5°	433.5	533.3	650.4	743.7	849.8	945.1	1032.1	1108.7	1172.1	1237.7	1296.3
0°	436.9	535.6	653.8	748.1	855.7	951.7	1037.1	1110.9	1176.8	1240.4	1303.6
-2.5°	438.8	542.8	656.1	759.4	861.4	957.4	1044.2	1116.2	1185.0	1245.6	1308.9
-5°	438.6	547.1	655.5	767.1	864.1	959.7	1047.7	1118.6	1189.5	1249.5	1311.1
-7.5°	436.2	548.0	652.5	769.5	864.2	958.9	1046.2	1119.7	1189.5	1253.0	1311.3
-10°	432.0	544.2	649.8	763.3	860.9	955.0	1041.4	1117.2	1186.7	1252.3	1310.2
-12.5°	427.0	536.2	644.1	754.4	854.2	947.8	1034.3	1110.8	1181.5	1246.9	1307.5
-15°	419.4	525.6	634.7	743.1	843.9	937.2	1025.0	1100.3	1173.5	1237.5	1299.8
-17.5°	409.4	512.4	621.6	729.7	830.1	923.4	1013.0	1086.6	1159.3	1225.5	1285.6
-20°	396.6	496.8	604.4	714.5	812.5	904.9	991.7	1068.7	1141.0	1208.3	1271.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	381.2	478.9	583.8	693.9	790.7	882.0	967.7	1046.0	1120.9	1186.0	1253.3
-25°	365.8	459.9	561.1	665.5	765.3	856.2	942.2	1018.4	1095.0	1162.7	1226.6
-27.5°	351.1	437.9	534.7	634.1	736.5	826.9	912.1	988.5	1062.8	1136.8	1198.3
-30°	334.5	412.5	505.7	600.7	700.5	792.6	878.4	957.6	1028.4	1101.5	1167.5
-32.5°	316.2	385.5	475.1	566.5	660.6	754.7	839.8	918.5	992.1	1061.2	1130.5
-35°	298.4	363.7	442.7	529.8	618.3	710.7	795.8	873.7	950.1	1018.6	1084.8
-37.5°	282.3	340.1	408.2	491.4	576.0	663.3	750.0	825.4	898.1	973.4	1038.0
-40°	264.9	314.8	378.4	451.9	531.6	614.7	697.6	775.7	844.0	918.4	989.5
-42.5°	246.7	294.2	348.9	410.1	485.3	563.7	643.7	720.0	791.0	861.2	931.6
-45°	230.7	272.3	319.0	374.8	436.1	509.8	585.6	661.6	729.7	796.6	866.2
-47.5°	213.7	250.4	293.5	338.1	391.4	453.0	524.3	594.4	664.1	727.8	789.3
-50°	196.8	230.6	266.0	306.2	350.1	400.1	459.3	524.6	588.2	653.6	714.5
-52.5°	182.3	209.8	241.8	275.4	313.0	354.3	401.7	455.3	513.2	568.7	629.5
-55°	167.2	192.0	217.8	247.4	278.7	313.5	352.4	397.4	441.6	492.9	542.6
-57.5°	153.4	174.3	196.3	220.7	247.9	275.9	309.8	344.8	384.9	424.8	464.2
-60°	140.5	157.5	176.2	196.8	218.7	243.5	268.9	299.0	331.3	363.1	396.5
-62.5°	127.4	141.7	156.9	174.1	193.1	211.9	233.5	256.7	280.5	307.5	333.8
-65°	113.9	125.5	138.4	152.6	167.8	183.8	200.4	217.6	237.8	257.6	276.7
-67.5°	99.5	109.5	120.0	131.2	143.9	156.4	169.0	183.5	198.3	213.0	228.2
-70°	83.7	93.1	101.8	110.9	120.4	130.2	140.9	151.5	162.0	173.0	185.1
-72.5°	67.6	76.2	83.8	90.5	98.3	106.5	114.4	121.8	129.7	138.0	146.3
-75°	53.9	59.6	66.4	72.7	78.8	84.6	89.8	96.1	102.7	108.8	113.7
-77.5°	42.0	47.2	51.9	56.1	61.0	66.8	71.8	76.1	80.3	84.9	89.8
-80°	30.6	34.9	39.2	43.1	45.9	49.1	53.0	57.4	61.2	64.3	67.1
-82.5°	19.8	22.9	26.0	29.3	30.6	31.5	32.3	33.8	36.2	38.5	40.8
-85°	9.8	10.7	12.7	14.6	15.3	15.8	16.1	16.3	17.1	17.9	18.5
-87.5°	4.9	5.4	5.8	6.3	6.0	5.7	5.3	4.8	4.7	4.6	4.4
-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: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-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°	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
65°	0.5	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.2
62.5°	0.9	1.0	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
60°	5.3	3.1	1.8	2.2	1.9	1.3	1.6	1.9	2.0	1.8	1.6
57.5°	29.7	22.2	16.4	39.2	39.3	18.8	22.6	35.6	29.3	9.6	8.9
55°	82.6	98.8	130.0	123.5	125.5	144.4	157.6	139.6	136.8	145.8	168.4
52.5°	148.4	163.8	174.3	184.2	196.1	209.0	222.3	230.7	238.6	247.0	251.9
50°	189.5	211.2	226.2	220.7	251.7	264.3	251.5	263.0	277.0	280.8	282.6
47.5°	279.8	311.7	318.1	338.6	357.1	356.7	341.0	341.9	383.6	420.5	438.5
45°	402.1	403.3	423.3	459.6	485.5	477.3	499.2	549.0	565.6	581.6	594.8
42.5°	449.8	469.6	501.6	533.6	553.0	569.7	586.0	604.3	625.8	643.3	657.2
40°	496.0	511.9	544.6	570.5	586.5	602.1	621.0	641.4	661.0	676.3	686.8
37.5°	567.0	579.3	587.3	611.2	641.5	627.6	663.4	689.1	700.9	716.4	717.8
35°	674.4	666.2	655.5	751.1	756.8	724.5	758.0	797.9	776.9	820.6	844.1
32.5°	769.7	768.4	851.8	902.0	873.1	896.7	974.0	970.5	1022.0	1045.9	1039.1
30°	859.4	890.0	938.3	975.7	980.7	1017.8	1052.2	1082.2	1113.3	1141.2	1143.1
27.5°	905.0	944.9	977.7	999.3	1023.5	1054.8	1085.9	1119.7	1146.2	1163.6	1167.9
25°	932.5	973.4	998.1	1021.4	1048.1	1075.1	1109.9	1146.8	1168.0	1178.8	1182.2
22.5°	956.8	993.5	1020.1	1039.0	1067.7	1096.8	1129.3	1160.5	1183.5	1188.2	1190.0
20°	980.2	1015.4	1059.9	1087.8	1086.4	1119.1	1150.5	1175.3	1194.5	1194.3	1194.9
17.5°	1047.8	1060.4	1141.2	1202.5	1172.1	1156.1	1242.3	1243.9	1249.0	1238.8	1216.8
15°	1148.0	1171.0	1270.2	1336.6	1315.6	1314.6	1439.0	1408.1	1434.7	1427.7	1457.6
12.5°	1254.2	1281.3	1355.4	1420.6	1451.7	1459.4	1500.9	1539.9	1547.9	1544.7	1538.8
10°	1326.5	1365.1	1394.8	1434.5	1465.8	1497.8	1521.8	1549.8	1559.0	1553.7	1546.2
7.5°	1335.9	1374.0	1409.0	1443.8	1473.6	1499.4	1524.3	1547.1	1556.4	1553.4	1548.2
5°	1341.9	1376.4	1410.3	1445.6	1474.1	1498.0	1522.9	1545.9	1551.4	1547.8	1542.7
2.5°	1345.5	1377.5	1410.2	1445.3	1471.2	1494.0	1519.1	1543.7	1543.7	1542.1	1539.2
0°	1347.3	1379.4	1417.3	1449.1	1478.1	1499.7	1524.6	1548.5	1546.8	1542.4	1537.2
-2.5°	1351.2	1383.6	1422.3	1448.7	1481.4	1501.1	1526.9	1547.6	1546.8	1544.6	1542.1
-5°	1354.6	1391.1	1427.3	1455.0	1487.9	1513.6	1539.3	1555.5	1556.3	1553.3	1549.0
-7.5°	1356.6	1397.2	1431.7	1459.5	1491.4	1521.3	1547.3	1564.3	1564.7	1560.7	1555.6
-10°	1355.9	1398.7	1434.3	1463.0	1495.7	1525.3	1552.4	1574.0	1573.2	1569.4	1565.1
-12.5°	1353.4	1396.1	1432.6	1461.5	1498.5	1529.0	1559.5	1581.0	1582.1	1579.3	1574.5
-15°	1347.8	1391.9	1427.4	1458.9	1495.2	1530.8	1562.2	1585.8	1590.1	1587.7	1584.0
-17.5°	1336.6	1383.2	1420.9	1454.8	1489.6	1527.6	1563.3	1589.2	1594.9	1594.0	1590.9
-20°	1322.0	1370.1	1408.4	1443.9	1481.8	1520.9	1562.4	1586.1	1594.5	1595.0	1592.8



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1305.6	1352.7	1393.2	1428.2	1469.3	1508.8	1546.5	1574.2	1588.2	1590.9	1591.0
-25°	1285.9	1334.3	1374.6	1411.8	1450.0	1490.9	1528.9	1559.9	1574.1	1580.9	1583.0
-27.5°	1258.1	1308.1	1347.8	1387.1	1426.0	1468.2	1508.2	1541.8	1553.4	1562.7	1566.5
-30°	1225.5	1275.0	1315.5	1351.4	1395.9	1439.0	1480.2	1509.5	1527.0	1537.7	1543.5
-32.5°	1188.1	1238.0	1280.5	1318.0	1360.3	1403.4	1442.2	1473.1	1497.2	1509.5	1515.8
-35°	1147.5	1198.5	1242.9	1282.5	1322.3	1363.3	1403.5	1435.9	1463.4	1473.9	1481.8
-37.5°	1098.5	1154.7	1200.3	1241.1	1278.9	1317.5	1359.4	1396.4	1423.0	1433.3	1441.6
-40°	1048.3	1102.7	1148.6	1192.1	1229.5	1271.6	1312.0	1350.7	1373.8	1385.9	1395.2
-42.5°	995.3	1044.4	1088.1	1130.4	1172.0	1215.4	1255.7	1295.9	1315.9	1330.4	1341.9
-45°	934.1	979.8	1022.3	1061.8	1104.7	1147.4	1187.7	1223.3	1247.1	1265.9	1280.6
-47.5°	852.5	908.2	950.8	988.4	1031.0	1072.1	1111.2	1144.7	1170.8	1192.8	1209.8
-50°	769.7	823.1	871.1	913.4	952.9	990.9	1028.1	1060.9	1088.5	1112.4	1129.6
-52.5°	688.0	738.1	785.8	829.4	867.4	903.3	937.3	970.2	999.4	1024.9	1041.6
-55°	595.8	647.6	694.8	735.5	773.4	808.9	842.5	873.8	902.4	928.4	944.4
-57.5°	509.3	554.8	598.7	636.2	672.0	705.8	737.7	767.6	795.2	819.6	835.1
-60°	429.8	463.0	500.7	535.4	567.1	595.9	625.7	653.5	678.9	700.4	714.7
-62.5°	359.5	387.0	414.3	440.6	466.3	492.2	517.1	540.2	561.4	579.0	591.6
-65°	296.9	319.0	338.7	357.4	375.2	395.6	414.5	432.3	448.8	462.3	471.9
-67.5°	244.5	260.0	273.6	286.4	300.5	314.9	328.4	340.2	350.2	358.2	364.6
-70°	197.1	208.6	218.8	229.1	239.3	248.7	257.6	266.3	274.5	281.2	286.3
-72.5°	154.4	162.2	169.2	177.1	184.5	191.6	197.7	202.7	206.6	210.4	213.7
-75°	117.7	123.5	131.4	138.1	143.6	148.5	153.0	157.0	160.5	163.6	166.3
-77.5°	94.7	99.6	104.7	109.5	114.2	117.7	121.0	124.2	127.4	130.2	132.6
-80°	70.1	73.9	77.8	81.7	85.6	87.5	89.0	90.5	91.8	93.4	94.9
-82.5°	42.9	45.0	47.2	49.4	51.5	52.1	52.3	52.2	51.9	51.3	50.4
-85°	19.1	19.2	19.2	18.9	18.6	17.8	16.9	15.8	14.6	14.5	14.2
-87.5°	4.2	4.1	4.0	3.9	3.7	3.7	3.7	3.7	3.7	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: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4
62.5°	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
60°	1.2	0.8	0.7	0.7	0.7	0.8	1.2	1.6	1.8	2.0	1.9
57.5°	7.5	5.6	4.8	4.4	4.8	5.6	7.5	8.9	9.6	29.3	35.6
55°	184.6	194.0	201.0	204.3	201.0	194.0	184.6	168.4	145.8	136.8	139.6
52.5°	256.3	260.4	262.8	262.7	262.8	260.4	256.3	251.9	247.0	238.6	230.7
50°	285.7	287.7	288.4	288.0	288.4	287.7	285.7	282.6	280.8	277.0	263.0
47.5°	422.0	385.5	358.6	352.2	358.6	385.5	422.0	438.5	420.5	383.6	341.9
45°	601.1	614.9	628.7	633.0	628.7	614.9	601.1	594.8	581.6	565.6	549.0
42.5°	663.1	667.6	670.2	670.2	670.2	667.6	663.1	657.2	643.3	625.8	604.3
40°	692.6	696.9	699.4	699.6	699.4	696.9	692.6	686.8	676.3	661.0	641.4
37.5°	719.5	723.1	725.5	728.0	725.5	723.1	719.5	717.8	716.4	700.9	689.1
35°	841.0	813.5	773.9	779.9	773.9	813.5	841.0	844.1	820.6	776.9	797.9
32.5°	1049.8	1061.3	1068.6	1080.8	1068.6	1061.3	1049.8	1039.1	1045.9	1022.0	970.5
30°	1146.1	1149.9	1155.7	1161.8	1155.7	1149.9	1146.1	1143.1	1141.2	1113.3	1082.2
27.5°	1170.2	1174.1	1177.6	1180.3	1177.6	1174.1	1170.2	1167.9	1163.6	1146.2	1119.7
25°	1182.7	1185.2	1188.9	1192.2	1188.9	1185.2	1182.7	1182.2	1178.8	1168.0	1146.8
22.5°	1189.0	1189.2	1192.2	1196.3	1192.2	1189.2	1189.0	1190.0	1188.2	1183.5	1160.5
20°	1193.3	1190.9	1193.9	1196.7	1193.9	1190.9	1193.3	1194.9	1194.3	1194.5	1175.3
17.5°	1247.9	1216.8	1203.9	1204.2	1203.9	1216.8	1247.9	1216.8	1238.8	1249.0	1243.9
15°	1424.1	1435.8	1480.6	1504.8	1480.6	1435.8	1424.1	1457.6	1427.7	1434.7	1408.1
12.5°	1537.8	1533.6	1528.3	1535.5	1528.3	1533.6	1537.8	1538.8	1544.7	1547.9	1539.9
10°	1543.0	1542.5	1533.1	1543.4	1533.1	1542.5	1543.0	1546.2	1553.7	1559.0	1549.8
7.5°	1539.8	1540.1	1536.1	1546.1	1536.1	1540.1	1539.8	1548.2	1553.4	1556.4	1547.1
5°	1541.9	1535.0	1537.6	1543.4	1537.6	1535.0	1541.9	1542.7	1547.8	1551.4	1545.9
2.5°	1535.9	1535.2	1530.1	1534.2	1530.1	1535.2	1535.9	1539.2	1542.1	1543.7	1543.7
0°	1531.4	1527.7	1527.7	1531.1	1527.7	1527.7	1531.4	1537.2	1542.4	1546.8	1548.5
-2.5°	1539.5	1538.7	1538.2	1535.9	1538.2	1538.7	1539.5	1542.1	1544.6	1546.8	1547.6
-5°	1546.2	1544.1	1538.5	1546.1	1538.5	1544.1	1546.2	1549.0	1553.3	1556.3	1555.5
-7.5°	1553.3	1548.1	1542.8	1554.7	1542.8	1548.1	1553.3	1555.6	1560.7	1564.7	1564.3
-10°	1559.8	1552.3	1547.1	1558.8	1547.1	1552.3	1559.8	1565.1	1569.4	1573.2	1574.0
-12.5°	1568.4	1559.7	1556.2	1562.5	1556.2	1559.7	1568.4	1574.5	1579.3	1582.1	1581.0
-15°	1577.7	1571.6	1570.8	1574.5	1570.8	1571.6	1577.7	1584.0	1587.7	1590.1	1585.8
-17.5°	1585.7	1581.5	1583.6	1587.8	1583.6	1581.5	1585.7	1590.9	1594.0	1594.9	1589.2
-20°	1589.6	1587.2	1589.6	1600.1	1589.6	1587.2	1589.6	1592.8	1595.0	1594.5	1586.1



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1589.3	1589.4	1593.6	1597.0	1593.6	1589.4	1589.3	1591.0	1590.9	1588.2	1574.2
-25°	1583.2	1586.4	1591.1	1598.0	1591.1	1586.4	1583.2	1583.0	1580.9	1574.1	1559.9
-27.5°	1568.6	1573.9	1578.8	1586.1	1578.8	1573.9	1568.6	1566.5	1562.7	1553.4	1541.8
-30°	1547.4	1553.7	1558.2	1565.9	1558.2	1553.7	1547.4	1543.5	1537.7	1527.0	1509.5
-32.5°	1521.6	1528.8	1534.1	1539.6	1534.1	1528.8	1521.6	1515.8	1509.5	1497.2	1473.1
-35°	1489.5	1497.2	1502.8	1507.9	1502.8	1497.2	1489.5	1481.8	1473.9	1463.4	1435.9
-37.5°	1450.8	1459.1	1465.5	1471.3	1465.5	1459.1	1450.8	1441.6	1433.3	1423.0	1396.4
-40°	1405.8	1414.3	1421.2	1427.6	1421.2	1414.3	1405.8	1395.2	1385.9	1373.8	1350.7
-42.5°	1353.2	1361.8	1368.8	1375.3	1368.8	1361.8	1353.2	1341.9	1330.4	1315.9	1295.9
-45°	1292.4	1301.2	1308.7	1315.5	1308.7	1301.2	1292.4	1280.6	1265.9	1247.1	1223.3
-47.5°	1222.4	1231.8	1238.2	1241.4	1238.2	1231.8	1222.4	1209.8	1192.8	1170.8	1144.7
-50°	1142.1	1151.5	1159.2	1164.9	1159.2	1151.5	1142.1	1129.6	1112.4	1088.5	1060.9
-52.5°	1053.8	1062.8	1069.4	1073.3	1069.4	1062.8	1053.8	1041.6	1024.9	999.4	970.2
-55°	957.0	966.5	972.7	975.6	972.7	966.5	957.0	944.4	928.4	902.4	873.8
-57.5°	847.3	856.2	862.9	866.7	862.9	856.2	847.3	835.1	819.6	795.2	767.6
-60°	725.9	734.0	739.0	740.9	739.0	734.0	725.9	714.7	700.4	678.9	653.5
-62.5°	601.8	609.3	614.1	615.9	614.1	609.3	601.8	591.6	579.0	561.4	540.2
-65°	479.1	483.8	486.4	486.8	486.4	483.8	479.1	471.9	462.3	448.8	432.3
-67.5°	369.6	373.2	375.4	376.1	375.4	373.2	369.6	364.6	358.2	350.2	340.2
-70°	290.0	292.5	293.9	294.1	293.9	292.5	290.0	286.3	281.2	274.5	266.3
-72.5°	216.2	218.0	217.4	215.9	217.4	218.0	216.2	213.7	210.4	206.6	202.7
-75°	168.7	170.6	169.8	168.4	169.8	170.6	168.7	166.3	163.6	160.5	157.0
-77.5°	134.7	136.5	135.7	134.3	135.7	136.5	134.7	132.6	130.2	127.4	124.2
-80°	96.2	97.2	98.0	98.4	98.0	97.2	96.2	94.9	93.4	91.8	90.5
-82.5°	49.3	47.8	46.9	45.8	46.9	47.8	49.3	50.4	51.3	51.9	52.2
-85°	14.0	13.6	13.8	14.0	13.8	13.6	14.0	14.2	14.5	14.6	15.8
-87.5°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.7	3.7
-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: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-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°	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
65°	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.4
62.5°	0.7	0.7	0.7	0.7	0.8	1.0	0.9	0.9	0.8	1.0	1.3
60°	1.6	1.3	1.9	2.2	1.8	3.1	5.3	4.8	1.5	7.8	8.9
57.5°	22.6	18.8	39.3	39.2	16.4	22.2	29.7	19.5	12.8	21.9	29.0
55°	157.6	144.4	125.5	123.5	130.0	98.8	82.6	79.5	62.2	40.4	48.1
52.5°	222.3	209.0	196.1	184.2	174.3	163.8	148.4	131.7	126.4	101.8	78.5
50°	251.5	264.3	251.7	220.7	226.2	211.2	189.5	171.8	175.4	160.4	129.3
47.5°	341.0	356.7	357.1	338.6	318.1	311.7	279.8	224.4	228.1	227.5	194.6
45°	499.2	477.3	485.5	459.6	423.3	403.3	402.1	342.8	287.9	279.0	275.9
42.5°	586.0	569.7	553.0	533.6	501.6	469.6	449.8	416.4	372.3	333.2	319.4
40°	621.0	602.1	586.5	570.5	544.6	511.9	496.0	452.2	419.0	385.1	373.9
37.5°	663.4	627.6	641.5	611.2	587.3	579.3	567.0	521.4	447.9	441.6	435.9
35°	758.0	724.5	756.8	751.1	655.5	666.2	674.4	618.4	541.4	499.6	500.5
32.5°	974.0	896.7	873.1	902.0	851.8	768.4	769.7	752.7	647.5	586.8	560.2
30°	1052.2	1017.8	980.7	975.7	938.3	890.0	859.4	818.4	741.9	672.6	627.0
27.5°	1085.9	1054.8	1023.5	999.3	977.7	944.9	905.0	856.8	802.4	740.3	696.0
25°	1109.9	1075.1	1048.1	1021.4	998.1	973.4	932.5	885.6	834.8	784.8	737.2
22.5°	1129.3	1096.8	1067.7	1039.0	1020.1	993.5	956.8	908.4	874.3	842.5	780.7
20°	1150.5	1119.1	1086.4	1087.8	1059.9	1015.4	980.2	956.1	951.4	915.6	835.8
17.5°	1242.3	1156.1	1172.1	1202.5	1141.2	1060.4	1047.8	1049.2	1034.4	1001.1	901.9
15°	1439.0	1314.6	1315.6	1336.6	1270.2	1171.0	1148.0	1145.2	1121.9	1085.1	971.7
12.5°	1500.9	1459.4	1451.7	1420.6	1355.4	1281.3	1254.2	1239.4	1196.7	1125.4	1021.8
10°	1521.8	1497.8	1465.8	1434.5	1394.8	1365.1	1326.5	1273.0	1212.3	1143.5	1059.2
7.5°	1524.3	1499.4	1473.6	1443.8	1409.0	1374.0	1335.9	1282.7	1224.0	1156.6	1085.6
5°	1522.9	1498.0	1474.1	1445.6	1410.3	1376.4	1341.9	1289.3	1232.0	1165.1	1102.9
2.5°	1519.1	1494.0	1471.2	1445.3	1410.2	1377.5	1345.5	1296.3	1237.7	1172.1	1108.7
0°	1524.6	1499.7	1478.1	1449.1	1417.3	1379.4	1347.3	1303.6	1240.4	1176.8	1110.9
-2.5°	1526.9	1501.1	1481.4	1448.7	1422.3	1383.6	1351.2	1308.9	1245.6	1185.0	1116.2
-5°	1539.3	1513.6	1487.9	1455.0	1427.3	1391.1	1354.6	1311.1	1249.5	1189.5	1118.6
-7.5°	1547.3	1521.3	1491.4	1459.5	1431.7	1397.2	1356.6	1311.3	1253.0	1189.5	1119.7
-10°	1552.4	1525.3	1495.7	1463.0	1434.3	1398.7	1355.9	1310.2	1252.3	1186.7	1117.2
-12.5°	1559.5	1529.0	1498.5	1461.5	1432.6	1396.1	1353.4	1307.5	1246.9	1181.5	1110.8
-15°	1562.2	1530.8	1495.2	1458.9	1427.4	1391.9	1347.8	1299.8	1237.5	1173.5	1100.3
-17.5°	1563.3	1527.6	1489.6	1454.8	1420.9	1383.2	1336.6	1285.6	1225.5	1159.3	1086.6
-20°	1562.4	1520.9	1481.8	1443.9	1408.4	1370.1	1322.0	1271.4	1208.3	1141.0	1068.7



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1546.5	1508.8	1469.3	1428.2	1393.2	1352.7	1305.6	1253.3	1186.0	1120.9	1046.0
-25°	1528.9	1490.9	1450.0	1411.8	1374.6	1334.3	1285.9	1226.6	1162.7	1095.0	1018.4
-27.5°	1508.2	1468.2	1426.0	1387.1	1347.8	1308.1	1258.1	1198.3	1136.8	1062.8	988.5
-30°	1480.2	1439.0	1395.9	1351.4	1315.5	1275.0	1225.5	1167.5	1101.5	1028.4	957.6
-32.5°	1442.2	1403.4	1360.3	1318.0	1280.5	1238.0	1188.1	1130.5	1061.2	992.1	918.5
-35°	1403.5	1363.3	1322.3	1282.5	1242.9	1198.5	1147.5	1084.8	1018.6	950.1	873.7
-37.5°	1359.4	1317.5	1278.9	1241.1	1200.3	1154.7	1098.5	1038.0	973.4	898.1	825.4
-40°	1312.0	1271.6	1229.5	1192.1	1148.6	1102.7	1048.3	989.5	918.4	844.0	775.7
-42.5°	1255.7	1215.4	1172.0	1130.4	1088.1	1044.4	995.3	931.6	861.2	791.0	720.0
-45°	1187.7	1147.4	1104.7	1061.8	1022.3	979.8	934.1	866.2	796.6	729.7	661.6
-47.5°	1111.2	1072.1	1031.0	988.4	950.8	908.2	852.5	789.3	727.8	664.1	594.4
-50°	1028.1	990.9	952.9	913.4	871.1	823.1	769.7	714.5	653.6	588.2	524.6
-52.5°	937.3	903.3	867.4	829.4	785.8	738.1	688.0	629.5	568.7	513.2	455.3
-55°	842.5	808.9	773.4	735.5	694.8	647.6	595.8	542.6	492.9	441.6	397.4
-57.5°	737.7	705.8	672.0	636.2	598.7	554.8	509.3	464.2	424.8	384.9	344.8
-60°	625.7	595.9	567.1	535.4	500.7	463.0	429.8	396.5	363.1	331.3	299.0
-62.5°	517.1	492.2	466.3	440.6	414.3	387.0	359.5	333.8	307.5	280.5	256.7
-65°	414.5	395.6	375.2	357.4	338.7	319.0	296.9	276.7	257.6	237.8	217.6
-67.5°	328.4	314.9	300.5	286.4	273.6	260.0	244.5	228.2	213.0	198.3	183.5
-70°	257.6	248.7	239.3	229.1	218.8	208.6	197.1	185.1	173.0	162.0	151.5
-72.5°	197.7	191.6	184.5	177.1	169.2	162.2	154.4	146.3	138.0	129.7	121.8
-75°	153.0	148.5	143.6	138.1	131.4	123.5	117.7	113.7	108.8	102.7	96.1
-77.5°	121.0	117.7	114.2	109.5	104.7	99.6	94.7	89.8	84.9	80.3	76.1
-80°	89.0	87.5	85.6	81.7	77.8	73.9	70.1	67.1	64.3	61.2	57.4
-82.5°	52.3	52.1	51.5	49.4	47.2	45.0	42.9	40.8	38.5	36.2	33.8
-85°	16.9	17.8	18.6	18.9	19.2	19.2	19.1	18.5	17.9	17.1	16.3
-87.5°	3.7	3.7	3.7	3.9	4.0	4.1	4.2	4.4	4.6	4.7	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



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6
72.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.5	0.6
70°	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6
67.5°	0.5	0.5	0.5	0.4	0.5	0.6	0.7	0.8	0.7	0.6	0.7
65°	0.5	0.6	0.7	1.0	0.8	0.6	0.7	1.3	1.1	0.9	0.7
62.5°	1.1	0.6	2.2	2.9	1.6	1.3	1.0	3.0	1.9	1.2	0.9
60°	2.7	2.2	6.0	9.7	6.8	2.3	3.4	5.2	4.7	1.6	1.3
57.5°	25.1	8.6	12.5	18.1	17.7	9.6	7.0	9.4	8.0	4.6	1.8
55°	53.5	45.0	29.7	27.2	29.4	23.7	15.5	15.2	12.4	8.6	2.9
52.5°	73.4	76.6	66.7	46.6	40.5	38.6	30.2	22.0	19.5	12.9	7.4
50°	106.3	98.9	97.9	82.2	56.8	51.5	44.6	34.4	27.4	18.5	12.6
47.5°	150.1	131.8	122.2	115.1	90.7	65.6	58.4	47.0	36.1	26.6	18.0
45°	214.4	170.4	151.7	140.2	124.3	92.2	73.1	59.3	47.0	35.8	23.7
42.5°	279.1	220.3	185.4	166.9	150.3	122.4	88.8	73.4	57.7	45.1	30.9
40°	336.1	271.7	220.8	197.0	175.9	151.5	114.3	88.5	68.1	54.6	39.0
37.5°	404.8	330.3	261.6	228.6	203.1	175.7	140.1	104.3	80.7	64.7	47.2
35°	471.3	406.2	307.2	266.7	233.4	200.6	165.0	122.9	96.1	74.9	55.4
32.5°	542.7	477.5	376.1	309.4	264.8	226.1	188.2	145.7	111.6	85.2	63.6
30°	598.8	524.4	436.6	352.1	298.9	254.5	211.4	167.5	127.2	95.6	71.8
27.5°	628.6	565.1	484.3	399.6	337.3	283.6	235.3	188.3	142.7	107.0	80.4
25°	659.4	593.7	518.4	441.2	375.3	314.4	259.1	208.2	159.6	119.9	88.9
22.5°	696.2	618.0	547.1	474.1	414.4	345.7	284.0	228.3	176.6	132.6	97.2
20°	733.2	640.6	575.5	518.9	452.8	379.5	310.2	247.9	192.6	144.9	105.4
17.5°	772.1	681.6	623.7	562.6	491.1	412.3	335.9	266.9	207.6	156.8	113.3
15°	839.7	743.1	672.2	605.2	529.1	443.8	361.0	285.1	221.6	168.3	120.7
12.5°	901.0	800.3	720.8	646.3	566.6	473.8	385.2	302.5	234.6	177.4	127.2
10°	951.8	853.3	768.8	685.9	602.9	502.2	408.3	316.6	242.4	184.2	133.3
7.5°	993.3	902.3	815.6	723.5	634.1	520.7	419.9	324.8	248.4	190.0	138.8
5°	1023.4	935.0	840.5	736.5	643.9	528.4	427.8	331.6	253.2	194.9	143.8
2.5°	1032.1	945.1	849.8	743.7	650.4	533.3	433.5	336.7	257.0	198.8	148.2
0°	1037.1	951.7	855.7	748.1	653.8	535.6	436.9	340.2	259.6	201.9	152.0
-2.5°	1044.2	957.4	861.4	759.4	656.1	542.8	438.8	342.5	263.0	203.0	154.2
-5°	1047.7	959.7	864.1	767.1	655.5	547.1	438.6	343.3	265.1	203.4	155.9
-7.5°	1046.2	958.9	864.2	769.5	652.5	548.0	436.2	342.5	266.0	203.1	156.9
-10°	1041.4	955.0	860.9	763.3	649.8	544.2	432.0	340.4	265.5	202.2	157.3
-12.5°	1034.3	947.8	854.2	754.4	644.1	536.2	427.0	336.6	263.4	200.8	157.1
-15°	1025.0	937.2	843.9	743.1	634.7	525.6	419.4	331.2	259.2	199.3	156.1
-17.5°	1013.0	923.4	830.1	729.7	621.6	512.4	409.4	324.1	254.0	197.3	154.3
-20°	991.7	904.9	812.5	714.5	604.4	496.8	396.6	315.4	247.8	194.6	151.6



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	967.7	882.0	790.7	693.9	583.8	478.9	381.2	305.1	240.6	191.0	148.3
-25°	942.2	856.2	765.3	665.5	561.1	459.9	365.8	293.1	232.5	186.5	144.6
-27.5°	912.1	826.9	736.5	634.1	534.7	437.9	351.1	282.6	224.7	181.2	140.3
-30°	878.4	792.6	700.5	600.7	505.7	412.5	334.5	271.3	218.1	175.4	135.6
-32.5°	839.8	754.7	660.6	566.5	475.1	385.5	316.2	259.2	210.5	169.3	131.2
-35°	795.8	710.7	618.3	529.8	442.7	363.7	298.4	246.3	201.8	162.7	126.6
-37.5°	750.0	663.3	576.0	491.4	408.2	340.1	282.3	233.6	192.1	155.6	121.5
-40°	697.6	614.7	531.6	451.9	378.4	314.8	264.9	221.1	183.0	148.0	115.9
-42.5°	643.7	563.7	485.3	410.1	348.9	294.2	246.7	207.6	173.3	140.7	109.8
-45°	585.6	509.8	436.1	374.8	319.0	272.3	230.7	193.6	163.0	133.2	103.5
-47.5°	524.3	453.0	391.4	338.1	293.5	250.4	213.7	181.5	152.2	125.2	97.3
-50°	459.3	400.1	350.1	306.2	266.0	230.6	196.8	168.9	142.3	116.4	90.7
-52.5°	401.7	354.3	313.0	275.4	241.8	209.8	182.3	155.9	132.1	107.9	83.8
-55°	352.4	313.5	278.7	247.4	217.8	192.0	167.2	144.4	121.6	99.4	76.8
-57.5°	309.8	275.9	247.9	220.7	196.3	174.3	153.4	132.7	111.6	90.6	71.3
-60°	268.9	243.5	218.7	196.8	176.2	157.5	140.5	120.9	101.4	81.8	65.2
-62.5°	233.5	211.9	193.1	174.1	156.9	141.7	127.4	109.4	91.0	73.7	58.5
-65°	200.4	183.8	167.8	152.6	138.4	125.5	113.9	97.5	80.5	65.1	51.6
-67.5°	169.0	156.4	143.9	131.2	120.0	109.5	99.5	84.8	69.6	56.0	44.8
-70°	140.9	130.2	120.4	110.9	101.8	93.1	83.7	71.2	58.1	47.9	37.8
-72.5°	114.4	106.5	98.3	90.5	83.8	76.2	67.6	57.9	48.7	39.6	30.7
-75°	89.8	84.6	78.8	72.7	66.4	59.6	53.9	47.1	39.1	31.2	24.7
-77.5°	71.8	66.8	61.0	56.1	51.9	47.2	42.0	36.2	29.8	24.3	19.1
-80°	53.0	49.1	45.9	43.1	39.2	34.9	30.6	26.3	21.7	17.4	13.4
-82.5°	32.3	31.5	30.6	29.3	26.0	22.9	19.8	16.7	13.4	10.4	8.6
-85°	16.1	15.8	15.3	14.6	12.7	10.7	9.8	8.9	7.8	6.8	5.7
-87.5°	5.3	5.7	6.0	6.3	5.8	5.4	4.9	4.5	3.9	3.4	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
77.5°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
72.5°	0.7	0.7	0.7	0.6	0.4	0.3	0.0
70°	0.7	0.8	0.8	0.7	0.5	0.3	0.0
67.5°	0.8	0.8	0.8	0.7	0.6	0.3	0.0
65°	0.9	0.9	0.8	0.8	0.6	0.4	0.0
62.5°	1.1	1.1	0.9	0.8	0.7	0.4	0.0
60°	1.3	1.4	0.9	0.8	0.7	0.4	0.0
57.5°	2.3	1.7	1.2	0.9	0.8	0.5	0.0
55°	3.7	2.0	1.4	0.9	0.8	0.5	0.0
52.5°	5.3	2.5	1.8	0.9	0.8	0.5	0.0
50°	7.2	4.3	2.1	1.0	0.9	0.6	0.0
47.5°	9.7	6.1	2.4	1.0	0.9	0.6	0.0
45°	14.6	8.2	2.8	1.3	1.0	0.6	0.0
42.5°	19.6	10.3	3.1	1.6	1.0	0.7	0.0
40°	24.8	12.6	4.2	1.9	1.0	0.7	0.0
37.5°	30.1	15.0	6.0	2.3	1.1	0.7	0.0
35°	35.4	18.6	7.8	2.8	1.1	0.7	0.0
32.5°	41.2	22.8	9.6	3.3	1.2	0.8	0.0
30°	47.8	27.0	11.4	3.8	1.2	0.8	0.0
27.5°	54.3	31.1	13.7	4.4	1.3	0.8	0.0
25°	60.7	35.2	16.0	5.0	1.3	0.8	0.0
22.5°	66.8	39.3	18.4	5.7	1.3	0.9	0.0
20°	72.8	43.8	20.7	6.3	1.4	0.9	0.0
17.5°	78.7	48.1	22.9	7.0	1.4	0.9	0.0
15°	84.3	52.2	25.2	7.7	1.5	0.9	0.0
12.5°	89.6	56.2	27.3	8.3	1.5	0.9	0.0
10°	94.5	59.9	29.3	9.0	1.6	1.0	0.0
7.5°	99.0	63.4	31.3	9.6	1.6	1.0	0.0
5°	103.1	66.6	33.1	10.2	1.6	1.0	0.0
2.5°	106.8	69.5	34.7	10.8	1.7	1.0	0.0
0°	110.0	72.1	36.2	11.3	1.7	1.0	0.0
-2.5°	111.6	73.7	37.6	12.0	2.0	1.1	0.0
-5°	112.8	75.0	38.7	12.7	2.2	1.1	0.0
-7.5°	113.6	76.0	39.7	13.3	2.5	1.2	0.0
-10°	113.9	76.6	40.4	13.8	2.7	1.2	0.0
-12.5°	113.8	76.8	40.9	14.3	3.0	1.3	0.0
-15°	113.4	76.7	41.1	14.6	3.2	1.3	0.0
-17.5°	112.6	76.2	41.1	14.9	3.4	1.4	0.0
-20°	111.3	75.4	40.8	15.0	3.6	1.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	109.4	74.3	40.2	15.1	3.8	1.4	0.0
-25°	107.1	72.5	39.4	15.0	3.9	1.4	0.0
-27.5°	104.4	70.2	38.2	14.8	4.1	1.5	0.0
-30°	101.3	67.7	36.8	14.5	4.2	1.5	0.0
-32.5°	97.7	64.9	35.1	14.1	4.2	1.5	0.0
-35°	93.8	61.7	33.3	13.5	4.3	1.5	0.0
-37.5°	89.7	58.6	31.2	12.9	4.3	1.5	0.0
-40°	85.2	55.7	29.0	12.1	4.3	1.5	0.0
-42.5°	80.4	52.7	27.3	11.2	4.3	1.4	0.0
-45°	75.3	49.5	26.2	10.3	4.3	1.4	0.0
-47.5°	69.9	46.0	24.8	9.3	4.2	1.4	0.0
-50°	65.4	42.4	23.2	9.0	4.1	1.3	0.0
-52.5°	60.9	38.6	21.5	8.8	4.0	1.3	0.0
-55°	56.3	35.8	19.5	8.6	3.8	1.2	0.0
-57.5°	51.4	32.9	17.4	8.2	3.6	1.2	0.0
-60°	46.5	29.7	15.1	7.7	3.4	1.1	0.0
-62.5°	42.0	26.3	14.0	7.2	3.2	1.0	0.0
-65°	37.2	22.6	12.8	6.5	3.0	1.0	0.0
-67.5°	32.1	19.6	11.5	5.8	2.7	0.9	0.0
-70°	26.7	17.1	10.0	5.1	2.5	0.8	0.0
-72.5°	22.6	14.5	8.4	4.5	2.2	0.7	0.0
-75°	18.5	11.7	6.6	3.9	1.9	0.6	0.0
-77.5°	14.1	8.8	5.5	3.3	1.6	0.5	0.0
-80°	9.6	6.7	4.4	2.6	1.3	0.4	0.0
-82.5°	7.1	5.0	3.4	2.0	1.0	0.3	0.0
-85°	4.7	3.4	2.2	1.3	0.7	0.2	0.0
-87.5°	2.4	1.7	1.1	0.7	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)