

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: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-730-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N138
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

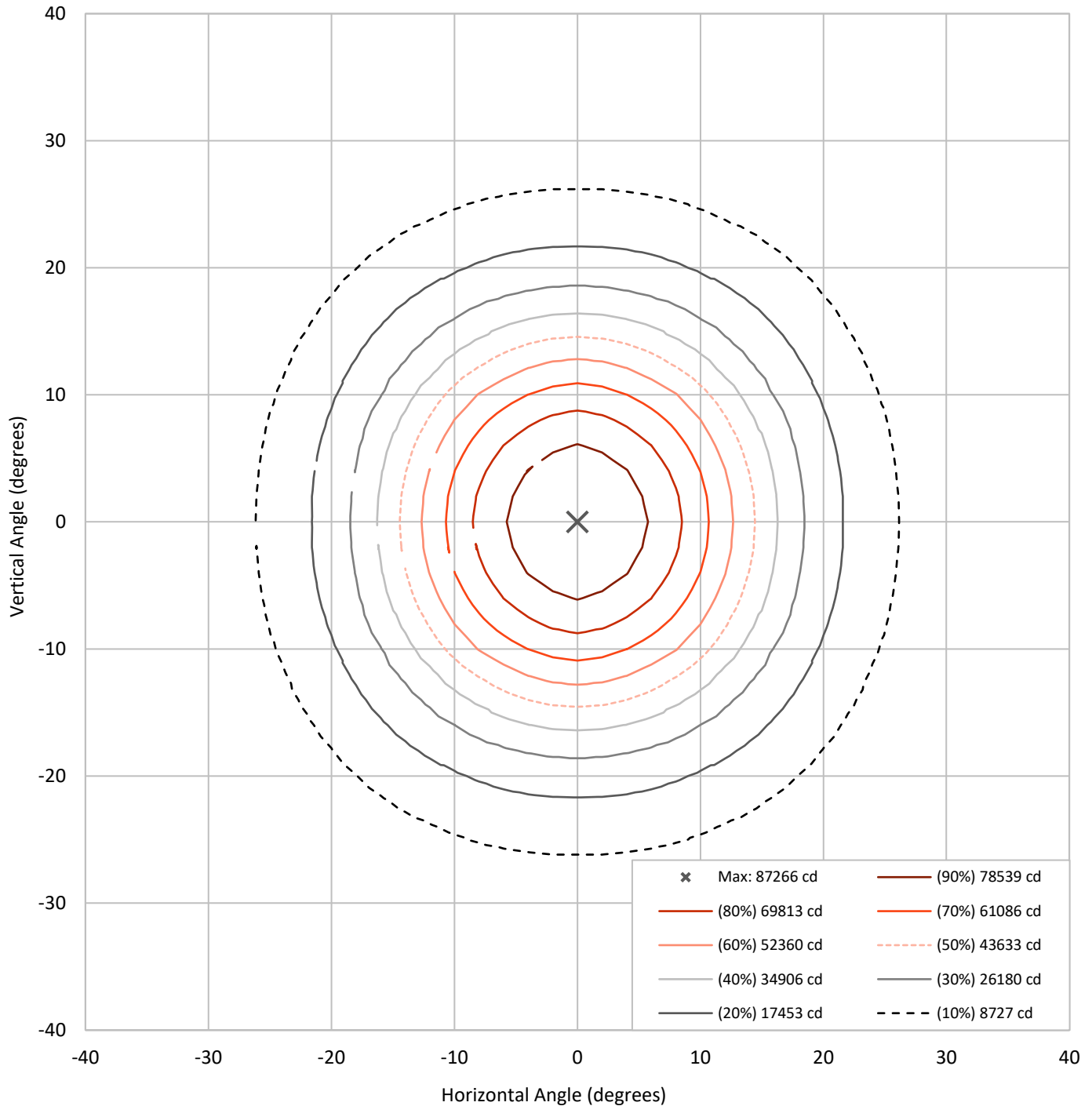
Lumens per Lamp: N/A
Luminaire Lumens: 27264.9 lumens
Efficiency: N/A
Efficacy: 143.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 4V
Max Intensity: 87266 candela
Max Intensity Angle: 0°H x 0°V
Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 13255.8 lumens
Beam Efficiency: 48.6%
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 22370.4 lumens
Field Efficiency: 82.0%

Input Watts (W): 190.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





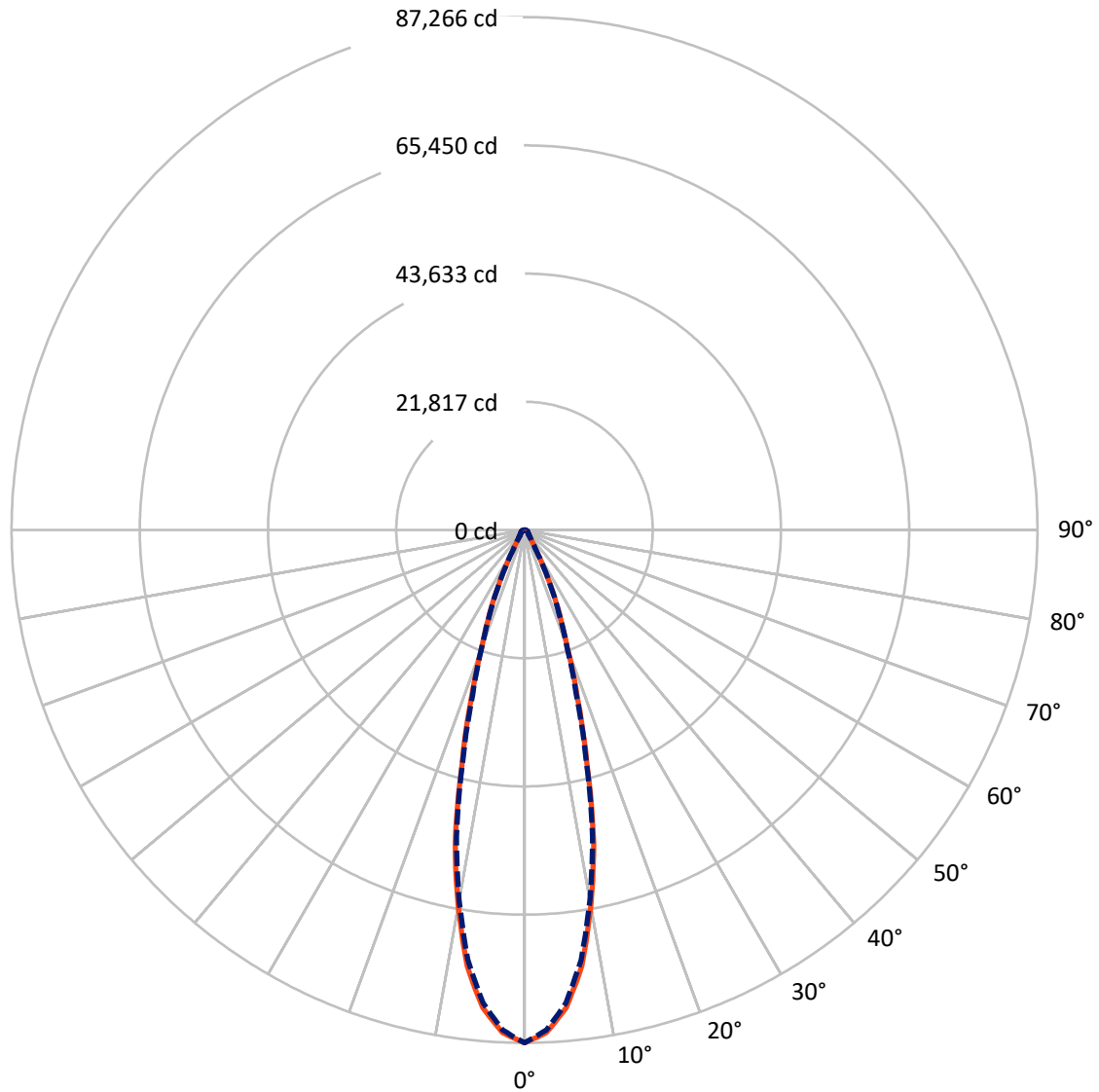
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Lumen Table

90	0.5	4.5	11.8	18.7	20.8	18.7	11.8	4.5	0.5							
80	0.5	4.5	11.8	18.7	20.8	18.7	11.8	4.5	0.5							
70	2.0	2.3	4.7	7.7	10.8	13.2	14.7	15.5	15.5	14.7	13.2	10.8	7.7	4.7	2.3	2.0
60		3.5	7.0	11.4	15.2	18.8	21.0	21.8	21.8	21.0	18.8	15.2	11.4	7.0	3.5	
50	3.6	4.5	9.0	14.0	18.7	23.6	27.7	29.8	29.8	27.7	23.6	18.7	14.0	9.0	4.5	3.6
40		5.3	10.6	16.2	22.9	32.6	47.3	61.4	61.4	47.3	32.6	22.9	16.2	10.6	5.3	
30	4.6	5.9	11.6	18.2	29.3	63.7	179.5	318.3	318.3	179.5	63.7	29.3	18.2	11.6	5.9	4.6
20		6.3	12.2	19.8	39.9	167.3	596.4	1142.9	1142.9	596.4	167.3	39.9	19.8	12.2	6.3	
10	5.0	6.6	12.4	20.9	50.7	288.8	1103.9	2171.4	2171.4	1103.9	288.8	50.7	20.9	12.4	6.6	5.0
0		6.6	12.4	20.9	50.7	288.8	1103.9	2171.4	2171.4	1103.9	288.8	50.7	20.9	12.4	6.6	
-10	4.6	6.3	12.2	19.8	39.9	167.3	596.4	1142.9	1142.9	596.4	167.3	39.9	19.8	12.2	6.3	4.6
-20		5.9	11.6	18.2	29.3	63.7	179.5	318.3	318.3	179.5	63.7	29.3	18.2	11.6	5.9	
-30	3.6	5.3	10.6	16.2	22.9	32.6	47.3	61.4	61.4	47.3	32.6	22.9	16.2	10.6	5.3	3.6
-40		4.5	9.0	14.0	18.7	23.6	27.7	29.8	29.8	27.7	23.6	18.7	14.0	9.0	4.5	
-50	2.0	3.5	7.0	11.4	15.2	18.8	21.0	21.8	21.8	21.0	18.8	15.2	11.4	7.0	3.5	2.0
-60		2.3	4.7	7.7	10.8	13.2	14.7	15.5	15.5	14.7	13.2	10.8	7.7	4.7	2.3	
-70	0.5	4.5	11.8	18.7	20.8	18.7	11.8	4.5	0.5							
-80		0.5	4.5	11.8	18.7	20.8	18.7	11.8	4.5	0.5						
-90	0.5	4.5	11.8	18.7	20.8	18.7	11.8	4.5	0.5							

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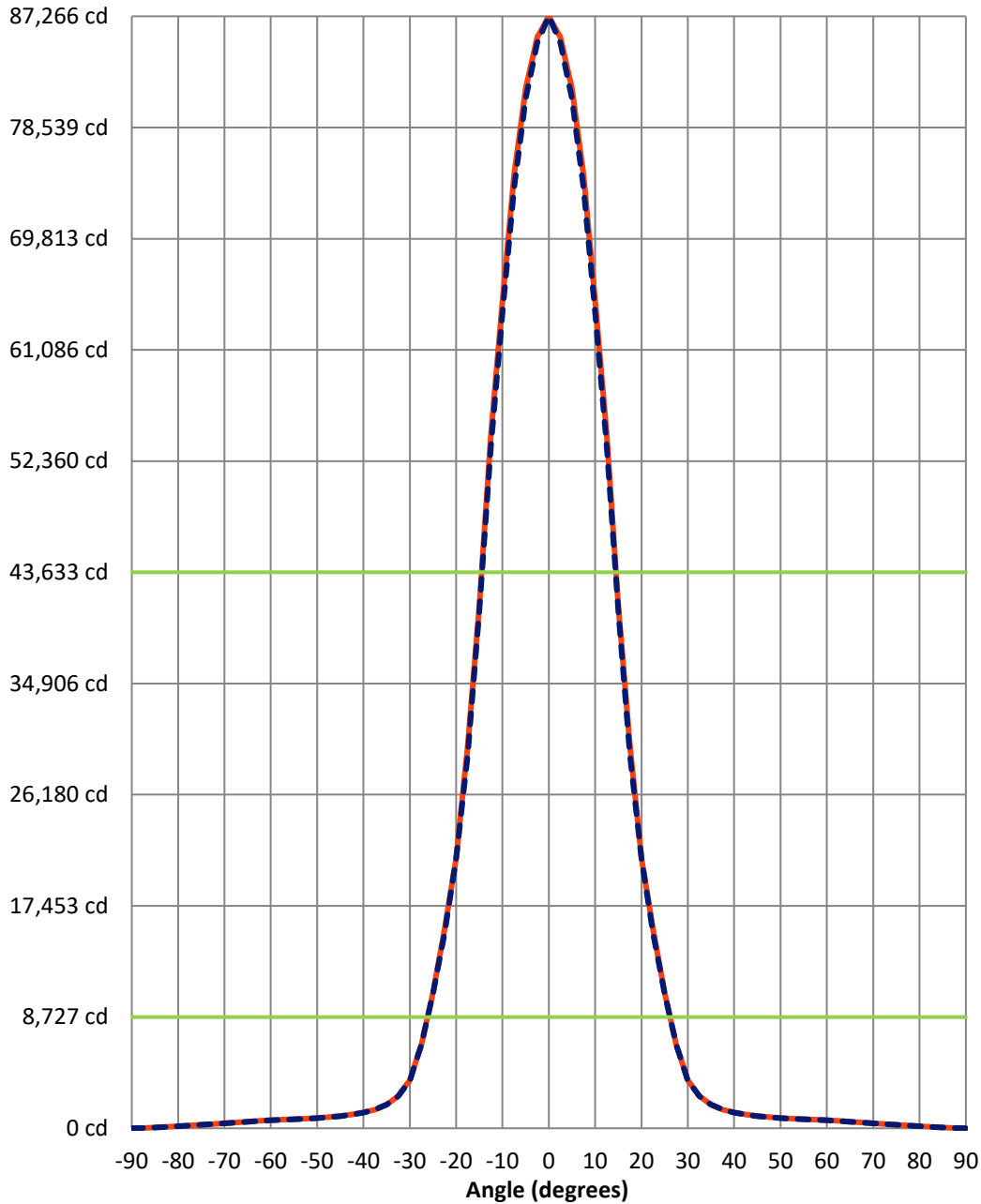
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 13255.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 22370.4
 Efficiency: 82.0%

Spill:
 Lumens: 4894.4
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	2.0	2.9	3.9	4.8	5.8	6.7	7.7	8.6	9.5
85°	0.0	2.0	3.9	5.8	7.8	9.7	11.6	13.5	15.3	17.1	18.9
82.5°	0.0	2.9	5.8	8.7	11.6	14.5	17.3	20.2	23.4	28.7	34.2
80°	0.0	3.9	7.8	11.6	15.5	19.3	23.6	30.4	37.5	45.1	52.9
77.5°	0.0	4.8	9.7	14.5	19.3	25.3	33.6	42.3	51.5	61.2	71.9
75°	0.0	5.8	11.6	17.3	23.6	33.6	43.4	54.0	65.6	79.2	92.6
72.5°	0.0	6.7	13.5	20.2	30.1	41.7	53.2	66.4	82.1	97.7	113.0
70°	0.0	7.7	15.3	23.3	36.6	49.8	63.2	80.6	98.4	116.0	135.0
67.5°	0.0	8.6	17.1	28.1	42.9	57.7	75.4	94.7	114.5	136.0	157.1
65°	0.0	9.5	18.9	32.8	49.2	66.6	87.4	108.5	132.0	155.6	179.4
62.5°	0.0	10.3	20.7	37.4	55.3	76.4	99.2	123.1	149.2	175.1	202.4
60°	0.0	11.2	22.4	41.9	61.3	86.0	110.7	137.9	166.0	194.9	224.7
57.5°	0.0	12.0	25.3	46.3	68.7	95.4	122.8	152.2	182.7	214.0	246.7
55°	0.0	12.8	28.1	50.5	76.0	104.6	134.6	166.2	198.8	232.7	268.4
52.5°	0.0	13.6	30.9	54.7	83.1	113.5	146.0	179.8	214.4	251.6	289.4
50°	0.0	14.4	33.6	58.7	90.0	122.5	156.9	192.9	229.7	269.9	308.8
47.5°	0.0	15.1	36.1	62.8	96.6	131.2	167.4	205.6	245.3	287.5	327.2
45°	0.0	15.8	38.6	67.6	103.0	139.4	177.8	217.7	260.4	303.1	344.6
42.5°	0.0	16.5	41.0	72.1	109.1	147.2	187.8	229.8	274.8	317.7	360.5
40°	0.0	17.2	43.2	76.4	115.0	154.6	197.3	241.6	287.9	331.4	375.7
37.5°	0.0	17.8	45.4	80.5	120.5	161.6	206.3	252.7	299.6	344.7	389.9
35°	0.0	18.3	47.4	84.2	125.8	168.4	214.8	262.9	310.6	357.1	403.4
32.5°	0.0	18.9	49.3	87.7	130.7	175.0	222.8	272.4	320.8	368.7	416.4
30°	0.0	19.4	51.1	90.8	135.2	181.2	230.4	281.1	330.4	379.5	428.5
27.5°	0.0	19.9	52.7	93.7	139.2	186.9	237.3	288.7	339.2	389.5	439.7
25°	0.0	20.3	54.2	96.3	143.0	192.1	243.6	295.7	347.2	398.6	449.9
22.5°	0.0	20.7	55.6	98.6	146.5	196.7	249.1	301.9	354.4	406.8	460.1
20°	0.0	21.0	56.9	100.6	149.7	200.8	254.0	307.5	360.8	414.0	469.2
17.5°	0.0	21.4	58.0	102.3	152.6	204.3	258.5	312.3	366.3	420.3	477.1
15°	0.0	21.6	58.9	103.8	155.1	207.2	262.6	316.7	371.0	425.7	483.9
12.5°	0.0	21.9	59.7	104.9	157.3	209.5	266.1	320.9	375.4	430.1	489.4
10°	0.0	22.1	60.4	105.7	159.1	211.3	269.0	324.4	379.4	435.3	494.5
7.5°	0.0	22.2	60.9	106.3	160.5	212.5	271.4	327.0	382.5	439.9	500.2
5°	0.0	22.3	61.3	106.6	161.6	213.1	273.1	329.0	384.7	443.6	504.6
2.5°	0.0	22.4	61.5	106.6	162.2	213.3	274.1	330.1	386.1	446.4	507.8
0°	0.0	22.4	61.6	106.4	162.4	212.9	274.5	330.5	386.5	448.1	509.7
-2.5°	0.0	22.4	61.5	106.6	162.2	213.3	274.1	330.1	386.1	446.4	507.8
-5°	0.0	22.3	61.3	106.6	161.6	213.1	273.1	329.0	384.7	443.6	504.6
-7.5°	0.0	22.2	60.9	106.3	160.5	212.5	271.4	327.0	382.5	439.9	500.2
-10°	0.0	22.1	60.4	105.7	159.1	211.3	269.0	324.4	379.4	435.3	494.5
-12.5°	0.0	21.9	59.7	104.9	157.3	209.5	266.1	320.9	375.4	430.1	489.4
-15°	0.0	21.6	58.9	103.8	155.1	207.2	262.6	316.7	371.0	425.7	483.9
-17.5°	0.0	21.4	58.0	102.3	152.6	204.3	258.5	312.3	366.3	420.3	477.1
-20°	0.0	21.0	56.9	100.6	149.7	200.8	254.0	307.5	360.8	414.0	469.2

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	20.7	55.6	98.6	146.5	196.7	249.1	301.9	354.4	406.8	460.1
-25°	0.0	20.3	54.2	96.3	143.0	192.1	243.6	295.7	347.2	398.6	449.9
-27.5°	0.0	19.9	52.7	93.7	139.2	186.9	237.3	288.7	339.2	389.5	439.7
-30°	0.0	19.4	51.1	90.8	135.2	181.2	230.4	281.1	330.4	379.5	428.5
-32.5°	0.0	18.9	49.3	87.7	130.7	175.0	222.8	272.4	320.8	368.7	416.4
-35°	0.0	18.3	47.4	84.2	125.8	168.4	214.8	262.9	310.6	357.1	403.4
-37.5°	0.0	17.8	45.4	80.5	120.5	161.6	206.3	252.7	299.6	344.7	389.9
-40°	0.0	17.2	43.2	76.4	115.0	154.6	197.3	241.6	287.9	331.4	375.7
-42.5°	0.0	16.5	41.0	72.1	109.1	147.2	187.8	229.8	274.8	317.7	360.5
-45°	0.0	15.8	38.6	67.6	103.0	139.4	177.8	217.7	260.4	303.1	344.6
-47.5°	0.0	15.1	36.1	62.8	96.6	131.2	167.4	205.6	245.3	287.5	327.2
-50°	0.0	14.4	33.6	58.7	90.0	122.5	156.9	192.9	229.7	269.9	308.8
-52.5°	0.0	13.6	30.9	54.7	83.1	113.5	146.0	179.8	214.4	251.6	289.4
-55°	0.0	12.8	28.1	50.5	76.0	104.6	134.6	166.2	198.8	232.7	268.4
-57.5°	0.0	12.0	25.3	46.3	68.7	95.4	122.8	152.2	182.7	214.0	246.7
-60°	0.0	11.2	22.4	41.9	61.3	86.0	110.7	137.9	166.0	194.9	224.7
-62.5°	0.0	10.3	20.7	37.4	55.3	76.4	99.2	123.1	149.2	175.1	202.4
-65°	0.0	9.5	18.9	32.8	49.2	66.6	87.4	108.5	132.0	155.6	179.4
-67.5°	0.0	8.6	17.1	28.1	42.9	57.7	75.4	94.7	114.5	136.0	157.1
-70°	0.0	7.7	15.3	23.3	36.6	49.8	63.2	80.6	98.4	116.0	135.0
-72.5°	0.0	6.7	13.5	20.2	30.1	41.7	53.2	66.4	82.1	97.7	113.0
-75°	0.0	5.8	11.6	17.3	23.6	33.6	43.4	54.0	65.6	79.2	92.6
-77.5°	0.0	4.8	9.7	14.5	19.3	25.3	33.6	42.3	51.5	61.2	71.9
-80°	0.0	3.9	7.8	11.6	15.5	19.3	23.6	30.4	37.5	45.1	52.9
-82.5°	0.0	2.9	5.8	8.7	11.6	14.5	17.3	20.2	23.4	28.7	34.2
-85°	0.0	2.0	3.9	5.8	7.8	9.7	11.6	13.5	15.3	17.1	18.9
-87.5°	0.0	1.0	2.0	2.9	3.9	4.8	5.8	6.7	7.7	8.6	9.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.3	11.2	12.0	12.8	13.6	14.4	15.1	15.8	16.5	17.2	17.8
85°	20.7	22.4	25.7	28.9	32.1	35.2	38.1	40.9	43.6	46.2	48.7
82.5°	39.5	44.7	49.7	54.5	59.3	63.8	68.3	72.5	76.6	80.4	84.1
80°	60.0	66.9	73.8	80.1	86.3	92.4	98.3	104.0	109.4	115.2	121.4
77.5°	81.7	90.5	98.4	105.7	113.6	123.1	132.3	141.2	149.7	157.8	165.5
75°	104.1	114.0	125.0	135.8	147.1	158.5	169.6	180.4	190.8	201.5	212.2
72.5°	127.6	141.2	154.4	167.2	181.4	195.3	208.1	219.8	233.0	247.5	260.8
70°	152.5	168.2	184.8	201.3	217.4	233.0	248.8	264.7	280.8	296.4	311.3
67.5°	177.6	197.3	216.6	235.3	253.5	272.1	290.9	310.1	328.6	346.3	363.5
65°	204.4	226.4	247.9	268.8	289.1	311.8	334.0	355.5	378.9	400.7	419.6
62.5°	230.4	255.0	278.7	302.4	327.1	352.2	377.9	404.9	432.9	453.0	470.3
60°	255.4	283.1	309.6	336.8	364.3	392.6	422.2	451.0	476.5	498.5	516.7
57.5°	279.8	310.9	340.2	369.7	399.8	431.9	464.6	493.9	517.7	538.9	558.9
55°	303.4	337.9	369.1	400.4	434.7	472.4	505.8	532.3	556.6	574.2	593.4
52.5°	325.9	362.8	395.5	430.6	469.7	508.9	542.1	567.9	588.3	606.5	625.2
50°	347.4	384.5	420.8	460.7	502.1	541.4	575.0	598.7	619.2	638.1	656.1
47.5°	366.9	405.5	446.4	489.2	532.4	571.2	603.5	627.6	648.9	668.3	688.1
45°	385.3	426.7	470.2	517.1	561.4	599.8	629.2	655.1	675.6	697.4	722.2
42.5°	402.9	447.2	494.4	544.3	589.6	624.7	653.1	678.0	701.6	727.9	755.5
40°	420.2	466.3	517.4	569.8	615.9	646.4	674.9	701.2	728.4	758.2	788.3
37.5°	436.3	485.8	538.9	593.6	635.3	666.9	696.4	725.8	756.3	788.3	825.8
35°	451.1	503.7	559.4	612.4	652.4	686.9	718.4	750.3	784.5	823.6	864.9
32.5°	465.5	520.1	578.6	628.2	668.0	704.8	739.6	775.6	814.8	857.9	905.1
30°	479.6	536.1	595.3	644.3	681.8	719.5	760.4	800.5	844.0	891.9	947.4
27.5°	493.4	551.0	609.3	657.0	694.0	732.4	776.2	824.9	872.5	924.9	989.3
25°	506.0	566.2	623.1	667.0	704.5	744.7	790.4	842.3	898.2	960.7	1039.4
22.5°	517.9	580.1	636.2	675.6	713.2	755.4	804.6	859.5	920.3	992.7	1088.9
20°	529.1	590.8	644.9	683.4	720.4	764.0	816.9	874.7	944.2	1031.8	1146.8
17.5°	538.8	599.9	650.9	689.9	728.0	772.9	827.4	887.5	965.7	1066.4	1202.5
15°	547.2	607.3	656.2	694.8	734.5	782.0	838.1	903.7	989.2	1100.2	1250.5
12.5°	554.0	613.1	660.5	698.4	739.5	788.7	847.2	919.3	1012.7	1137.1	1315.3
10°	559.4	617.3	663.9	700.6	743.0	793.2	854.4	931.4	1031.7	1168.0	1370.9
7.5°	564.7	621.1	666.4	701.6	745.1	795.4	859.4	940.0	1045.7	1191.1	1415.1
5°	568.5	624.6	667.8	703.6	746.4	796.4	862.8	945.0	1054.4	1206.4	1446.4
2.5°	570.7	626.7	667.8	705.2	746.5	796.8	866.8	947.7	1064.1	1219.3	1464.2
0°	571.4	627.4	666.6	705.8	745.0	795.4	868.2	946.7	1069.9	1226.7	1467.6
-2.5°	570.7	626.7	667.8	705.2	746.5	796.8	866.8	947.7	1064.1	1219.3	1464.2
-5°	568.5	624.6	667.8	703.6	746.4	796.4	862.8	945.0	1054.4	1206.4	1446.4
-7.5°	564.7	621.1	666.4	701.6	745.1	795.4	859.4	940.0	1045.7	1191.1	1415.1
-10°	559.4	617.3	663.9	700.6	743.0	793.2	854.4	931.4	1031.7	1168.0	1370.9
-12.5°	554.0	613.1	660.5	698.4	739.5	788.7	847.2	919.3	1012.7	1137.1	1315.3
-15°	547.2	607.3	656.2	694.8	734.5	782.0	838.1	903.7	989.2	1100.2	1250.5
-17.5°	538.8	599.9	650.9	689.9	728.0	772.9	827.4	887.5	965.7	1066.4	1202.5
-20°	529.1	590.8	644.9	683.4	720.4	764.0	816.9	874.7	944.2	1031.8	1146.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	517.9	580.1	636.2	675.6	713.2	755.4	804.6	859.5	920.3	992.7	1088.9
-25°	506.0	566.2	623.1	667.0	704.5	744.7	790.4	842.3	898.2	960.7	1039.4
-27.5°	493.4	551.0	609.3	657.0	694.0	732.4	776.2	824.9	872.5	924.9	989.3
-30°	479.6	536.1	595.3	644.3	681.8	719.5	760.4	800.5	844.0	891.9	947.4
-32.5°	465.5	520.1	578.6	628.2	668.0	704.8	739.6	775.6	814.8	857.9	905.1
-35°	451.1	503.7	559.4	612.4	652.4	686.9	718.4	750.3	784.5	823.6	864.9
-37.5°	436.3	485.8	538.9	593.6	635.3	666.9	696.4	725.8	756.3	788.3	825.8
-40°	420.2	466.3	517.4	569.8	615.9	646.4	674.9	701.2	728.4	758.2	788.3
-42.5°	402.9	447.2	494.4	544.3	589.6	624.7	653.1	678.0	701.6	727.9	755.5
-45°	385.3	426.7	470.2	517.1	561.4	599.8	629.2	655.1	675.6	697.4	722.2
-47.5°	366.9	405.5	446.4	489.2	532.4	571.2	603.5	627.6	648.9	668.3	688.1
-50°	347.4	384.5	420.8	460.7	502.1	541.4	575.0	598.7	619.2	638.1	656.1
-52.5°	325.9	362.8	395.5	430.6	469.7	508.9	542.1	567.9	588.3	606.5	625.2
-55°	303.4	337.9	369.1	400.4	434.7	472.4	505.8	532.3	556.6	574.2	593.4
-57.5°	279.8	310.9	340.2	369.7	399.8	431.9	464.6	493.9	517.7	538.9	558.9
-60°	255.4	283.1	309.6	336.8	364.3	392.6	422.2	451.0	476.5	498.5	516.7
-62.5°	230.4	255.0	278.7	302.4	327.1	352.2	377.9	404.9	432.9	453.0	470.3
-65°	204.4	226.4	247.9	268.8	289.1	311.8	334.0	355.5	378.9	400.7	419.6
-67.5°	177.6	197.3	216.6	235.3	253.5	272.1	290.9	310.1	328.6	346.3	363.5
-70°	152.5	168.2	184.8	201.3	217.4	233.0	248.8	264.7	280.8	296.4	311.3
-72.5°	127.6	141.2	154.4	167.2	181.4	195.3	208.1	219.8	233.0	247.5	260.8
-75°	104.1	114.0	125.0	135.8	147.1	158.5	169.6	180.4	190.8	201.5	212.2
-77.5°	81.7	90.5	98.4	105.7	113.6	123.1	132.3	141.2	149.7	157.8	165.5
-80°	60.0	66.9	73.8	80.1	86.3	92.4	98.3	104.0	109.4	115.2	121.4
-82.5°	39.5	44.7	49.7	54.5	59.3	63.8	68.3	72.5	76.6	80.4	84.1
-85°	20.7	22.4	25.7	28.9	32.1	35.2	38.1	40.9	43.6	46.2	48.7
-87.5°	10.3	11.2	12.0	12.8	13.6	14.4	15.1	15.8	16.5	17.2	17.8
-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: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.3	18.9	19.4	19.9	20.3	20.7	21.0	21.4	21.6	21.9	22.1
85°	51.0	53.1	55.2	57.1	58.8	59.2	59.4	59.3	59.0	59.7	60.4
82.5°	87.6	91.5	95.5	99.4	103.3	104.7	105.7	106.4	106.9	108.4	109.7
80°	127.2	133.4	139.1	144.3	148.9	152.1	155.1	157.8	160.3	161.5	162.0
77.5°	173.2	180.8	187.8	194.4	200.4	205.2	209.1	212.2	214.6	216.1	217.1
75°	222.8	232.4	240.9	248.7	256.0	261.0	264.6	267.2	268.9	270.8	272.3
72.5°	272.9	283.7	293.8	303.3	311.6	317.4	321.5	324.8	327.3	329.2	330.2
70°	325.4	338.4	349.5	359.0	366.5	372.2	376.6	380.1	382.8	384.7	385.7
67.5°	379.9	393.8	404.2	412.5	419.2	425.2	430.7	434.7	437.4	440.1	442.9
65°	435.4	449.5	460.2	469.0	476.1	483.8	490.8	496.0	499.5	502.7	505.9
62.5°	487.5	503.6	515.9	527.4	539.1	550.1	556.5	561.5	565.0	568.1	571.8
60°	535.0	553.1	568.2	582.2	596.5	610.8	616.8	621.4	625.7	629.8	633.5
57.5°	577.1	596.4	614.8	628.6	642.2	655.6	664.8	669.9	673.3	675.2	676.8
55°	613.8	633.0	651.3	667.3	682.1	695.8	706.1	711.1	714.7	717.1	718.5
52.5°	646.6	667.2	686.8	704.4	720.4	735.2	748.1	754.9	760.4	764.4	765.6
50°	678.8	701.1	722.3	741.2	759.8	777.6	793.9	803.3	810.0	814.1	815.4
47.5°	712.5	736.6	759.6	781.5	802.6	823.7	843.0	856.0	865.5	872.6	877.6
45°	747.5	773.5	798.9	824.8	849.1	876.2	900.7	919.5	933.4	945.5	955.2
42.5°	782.8	812.0	841.1	874.4	907.6	938.5	967.7	992.7	1015.4	1037.7	1055.1
40°	821.2	853.1	893.0	932.5	973.4	1009.3	1051.9	1090.1	1125.0	1162.8	1194.1
37.5°	863.1	904.1	951.4	998.7	1051.9	1103.5	1163.0	1221.6	1272.5	1338.7	1391.8
35°	908.7	960.8	1016.6	1080.1	1148.7	1229.6	1312.8	1410.5	1493.4	1598.6	1695.7
32.5°	959.6	1020.9	1093.2	1180.4	1273.0	1403.1	1525.0	1690.6	1832.0	2014.6	2214.0
30°	1011.4	1090.5	1188.8	1301.6	1458.2	1642.7	1857.8	2137.7	2440.4	2753.6	3175.1
27.5°	1072.7	1175.4	1298.2	1472.3	1706.6	1962.0	2400.3	2873.5	3532.8	4054.7	4984.3
25°	1138.7	1265.8	1447.3	1699.7	2023.4	2540.3	3280.1	4136.7	5455.9	6629.3	7977.8
22.5°	1216.9	1389.6	1629.9	1960.4	2524.7	3414.0	4568.8	6327.9	8283.5	10213.6	11977.7
20°	1299.7	1508.4	1844.3	2382.6	3254.9	4540.8	6601.0	9114.7	11710.9	14356.0	16585.0
17.5°	1396.5	1679.8	2122.3	2837.2	4081.7	6283.3	9035.1	12231.4	15623.2	18998.4	21930.2
15°	1479.6	1829.6	2425.6	3496.4	5352.1	8105.9	11488.0	15524.9	19790.1	24170.4	28917.9
12.5°	1585.6	2010.2	2738.0	4041.4	6479.3	10058.6	14196.8	18883.7	24092.1	29908.2	37309.5
10°	1682.9	2199.6	3149.0	4914.5	7834.3	11882.6	16536.7	21854.1	28609.9	37350.0	46277.7
7.5°	1760.9	2349.8	3467.7	5595.8	8970.6	13440.9	18643.6	25018.9	33447.3	43854.7	54055.2
5°	1815.1	2453.9	3695.7	6110.6	9884.7	14631.7	20138.7	27351.9	37524.6	49179.1	59594.5
2.5°	1849.2	2510.8	3807.3	6416.3	10480.8	15348.3	21071.5	28834.5	40023.6	52568.5	63113.7
0°	1865.3	2520.7	3736.2	6565.0	10564.5	15297.7	21156.9	29329.5	40616.6	53488.9	63991.7
-2.5°	1849.2	2510.8	3807.3	6416.3	10480.8	15348.3	21071.5	28834.5	40023.6	52568.5	63113.7
-5°	1815.1	2453.9	3695.7	6110.6	9884.7	14631.7	20138.7	27351.9	37524.6	49179.1	59594.5
-7.5°	1760.9	2349.8	3467.7	5595.8	8970.6	13440.9	18643.6	25018.9	33447.3	43854.7	54055.2
-10°	1682.9	2199.6	3149.0	4914.5	7834.3	11882.6	16536.7	21854.1	28609.9	37350.0	46277.7
-12.5°	1585.6	2010.2	2738.0	4041.4	6479.3	10058.6	14196.8	18883.7	24092.1	29908.2	37309.5
-15°	1479.6	1829.6	2425.6	3496.4	5352.1	8105.9	11488.0	15524.9	19790.1	24170.4	28917.9
-17.5°	1396.5	1679.8	2122.3	2837.2	4081.7	6283.3	9035.1	12231.4	15623.2	18998.4	21930.2
-20°	1299.7	1508.4	1844.3	2382.6	3254.9	4540.8	6601.0	9114.7	11710.9	14356.0	16585.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1216.9	1389.6	1629.9	1960.4	2524.7	3414.0	4568.8	6327.9	8283.5	10213.6	11977.7
-25°	1138.7	1265.8	1447.3	1699.7	2023.4	2540.3	3280.1	4136.7	5455.9	6629.3	7977.8
-27.5°	1072.7	1175.4	1298.2	1472.3	1706.6	1962.0	2400.3	2873.5	3532.8	4054.7	4984.3
-30°	1011.4	1090.5	1188.8	1301.6	1458.2	1642.7	1857.8	2137.7	2440.4	2753.6	3175.1
-32.5°	959.6	1020.9	1093.2	1180.4	1273.0	1403.1	1525.0	1690.6	1832.0	2014.6	2214.0
-35°	908.7	960.8	1016.6	1080.1	1148.7	1229.6	1312.8	1410.5	1493.4	1598.6	1695.7
-37.5°	863.1	904.1	951.4	998.7	1051.9	1103.5	1163.0	1221.6	1272.5	1338.7	1391.8
-40°	821.2	853.1	893.0	932.5	973.4	1009.3	1051.9	1090.1	1125.0	1162.8	1194.1
-42.5°	782.8	812.0	841.1	874.4	907.6	938.5	967.7	992.7	1015.4	1037.7	1055.1
-45°	747.5	773.5	798.9	824.8	849.1	876.2	900.7	919.5	933.4	945.5	955.2
-47.5°	712.5	736.6	759.6	781.5	802.6	823.7	843.0	856.0	865.5	872.6	877.6
-50°	678.8	701.1	722.3	741.2	759.8	777.6	793.9	803.3	810.0	814.1	815.4
-52.5°	646.6	667.2	686.8	704.4	720.4	735.2	748.1	754.9	760.4	764.4	765.6
-55°	613.8	633.0	651.3	667.3	682.1	695.8	706.1	711.1	714.7	717.1	718.5
-57.5°	577.1	596.4	614.8	628.6	642.2	655.6	664.8	669.9	673.3	675.2	676.8
-60°	535.0	553.1	568.2	582.2	596.5	610.8	616.8	621.4	625.7	629.8	633.5
-62.5°	487.5	503.6	515.9	527.4	539.1	550.1	556.5	561.5	565.0	568.1	571.8
-65°	435.4	449.5	460.2	469.0	476.1	483.8	490.8	496.0	499.5	502.7	505.9
-67.5°	379.9	393.8	404.2	412.5	419.2	425.2	430.7	434.7	437.4	440.1	442.9
-70°	325.4	338.4	349.5	359.0	366.5	372.2	376.6	380.1	382.8	384.7	385.7
-72.5°	272.9	283.7	293.8	303.3	311.6	317.4	321.5	324.8	327.3	329.2	330.2
-75°	222.8	232.4	240.9	248.7	256.0	261.0	264.6	267.2	268.9	270.8	272.3
-77.5°	173.2	180.8	187.8	194.4	200.4	205.2	209.1	212.2	214.6	216.1	217.1
-80°	127.2	133.4	139.1	144.3	148.9	152.1	155.1	157.8	160.3	161.5	162.0
-82.5°	87.6	91.5	95.5	99.4	103.3	104.7	105.7	106.4	106.9	108.4	109.7
-85°	51.0	53.1	55.2	57.1	58.8	59.2	59.4	59.3	59.0	59.7	60.4
-87.5°	18.3	18.9	19.4	19.9	20.3	20.7	21.0	21.4	21.6	21.9	22.1
-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: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.2	22.3	22.4	22.4	22.4	22.3	22.2	22.1	21.9	21.6	21.4
85°	60.9	61.3	61.5	61.6	61.5	61.3	60.9	60.4	59.7	59.0	59.3
82.5°	110.7	111.4	111.9	112.0	111.9	111.4	110.7	109.7	108.4	106.9	106.4
80°	162.1	161.7	162.2	162.4	162.2	161.7	162.1	162.0	161.5	160.3	157.8
77.5°	217.6	217.5	218.2	218.5	218.2	217.5	217.6	217.1	216.1	214.6	212.2
75°	273.1	273.3	274.2	274.5	274.2	273.3	273.1	272.3	270.8	268.9	267.2
72.5°	330.1	329.2	330.1	330.5	330.1	329.2	330.1	330.2	329.2	327.3	324.8
70°	385.8	385.1	388.7	392.1	388.7	385.1	385.8	385.7	384.7	382.8	380.1
67.5°	445.0	446.1	450.1	453.7	450.1	446.1	445.0	442.9	440.1	437.4	434.7
65°	507.6	507.8	511.6	515.3	511.6	507.8	507.6	505.9	502.7	499.5	496.0
62.5°	574.0	574.7	578.7	582.6	578.7	574.7	574.0	571.8	568.1	565.0	561.5
60°	635.7	636.4	637.9	638.6	637.9	636.4	635.7	633.5	629.8	625.7	621.4
57.5°	677.2	676.7	677.3	677.8	677.3	676.7	677.2	676.8	675.2	673.3	669.9
55°	718.3	716.4	714.3	711.4	714.3	716.4	718.3	718.5	717.1	714.7	711.1
52.5°	764.6	761.7	759.0	756.2	759.0	761.7	764.6	765.6	764.4	760.4	754.9
50°	814.6	811.9	809.3	806.6	809.3	811.9	814.6	815.4	814.1	810.0	803.3
47.5°	881.1	882.2	881.7	879.4	881.7	882.2	881.1	877.6	872.6	865.5	856.0
45°	962.0	965.2	965.6	963.5	965.6	965.2	962.0	955.2	945.5	933.4	919.5
42.5°	1067.4	1074.5	1078.4	1081.1	1078.4	1074.5	1067.4	1055.1	1037.7	1015.4	992.7
40°	1216.8	1231.3	1240.5	1249.1	1240.5	1231.3	1216.8	1194.1	1162.8	1125.0	1090.1
37.5°	1431.2	1457.5	1469.2	1462.0	1469.2	1457.5	1431.2	1391.8	1338.7	1272.5	1221.6
35°	1770.5	1820.4	1846.4	1848.5	1846.4	1820.4	1770.5	1695.7	1598.6	1493.4	1410.5
32.5°	2361.4	2463.6	2518.6	2526.3	2518.6	2463.6	2361.4	2214.0	2014.6	1832.0	1690.6
30°	3497.9	3706.3	3804.2	3781.0	3804.2	3706.3	3497.9	3175.1	2753.6	2440.4	2137.7
27.5°	5706.8	6226.7	6534.9	6559.4	6534.9	6226.7	5706.8	4984.3	4054.7	3532.8	2873.5
25°	9172.2	10059.7	10628.1	10637.3	10628.1	10059.7	9172.2	7977.8	6629.3	5455.9	4136.7
22.5°	13608.9	14820.5	15484.3	15600.2	15484.3	14820.5	13608.9	11977.7	10213.6	8283.5	6327.9
20°	18749.1	20360.8	21223.1	21224.1	21223.1	20360.8	18749.1	16585.0	14356.0	11710.9	9114.7
17.5°	25079.5	27696.5	29339.4	30046.5	29339.4	27696.5	25079.5	21930.2	18998.4	15623.2	12231.4
15°	33489.4	37887.3	40522.6	40997.5	40522.6	37887.3	33489.4	28917.9	24170.4	19790.1	15524.9
12.5°	43729.5	49295.1	53036.3	54407.5	53036.3	49295.1	43729.5	37309.5	29908.2	24092.1	18883.7
10°	54421.0	59577.9	63585.9	64932.8	63585.9	59577.9	54421.0	46277.7	37350.0	28609.9	21854.1
7.5°	62144.8	68294.1	72808.9	74791.4	72808.9	68294.1	62144.8	54055.2	43854.7	33447.3	25018.9
5°	68241.9	75518.1	79720.8	81586.1	79720.8	75518.1	68241.9	59594.5	49179.1	37524.6	27351.9
2.5°	72242.4	79432.0	83882.4	85602.3	83882.4	79432.0	72242.4	63113.7	52568.5	40023.6	28834.5
0°	73738.3	80768.2	85165.4	87266.0	85165.4	80768.2	73738.3	63991.7	53488.9	40616.6	29329.5
-2.5°	72242.4	79432.0	83882.4	85602.3	83882.4	79432.0	72242.4	63113.7	52568.5	40023.6	28834.5
-5°	68241.9	75518.1	79720.8	81586.1	79720.8	75518.1	68241.9	59594.5	49179.1	37524.6	27351.9
-7.5°	62144.8	68294.1	72808.9	74791.4	72808.9	68294.1	62144.8	54055.2	43854.7	33447.3	25018.9
-10°	54421.0	59577.9	63585.9	64932.8	63585.9	59577.9	54421.0	46277.7	37350.0	28609.9	21854.1
-12.5°	43729.5	49295.1	53036.3	54407.5	53036.3	49295.1	43729.5	37309.5	29908.2	24092.1	18883.7
-15°	33489.4	37887.3	40522.6	40997.5	40522.6	37887.3	33489.4	28917.9	24170.4	19790.1	15524.9
-17.5°	25079.5	27696.5	29339.4	30046.5	29339.4	27696.5	25079.5	21930.2	18998.4	15623.2	12231.4
-20°	18749.1	20360.8	21223.1	21224.1	21223.1	20360.8	18749.1	16585.0	14356.0	11710.9	9114.7



REPORT NUMBER: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13608.9	14820.5	15484.3	15600.2	15484.3	14820.5	13608.9	11977.7	10213.6	8283.5	6327.9
-25°	9172.2	10059.7	10628.1	10637.3	10628.1	10059.7	9172.2	7977.8	6629.3	5455.9	4136.7
-27.5°	5706.8	6226.7	6534.9	6559.4	6534.9	6226.7	5706.8	4984.3	4054.7	3532.8	2873.5
-30°	3497.9	3706.3	3804.2	3781.0	3804.2	3706.3	3497.9	3175.1	2753.6	2440.4	2137.7
-32.5°	2361.4	2463.6	2518.6	2526.3	2518.6	2463.6	2361.4	2214.0	2014.6	1832.0	1690.6
-35°	1770.5	1820.4	1846.4	1848.5	1846.4	1820.4	1770.5	1695.7	1598.6	1493.4	1410.5
-37.5°	1431.2	1457.5	1469.2	1462.0	1469.2	1457.5	1431.2	1391.8	1338.7	1272.5	1221.6
-40°	1216.8	1231.3	1240.5	1249.1	1240.5	1231.3	1216.8	1194.1	1162.8	1125.0	1090.1
-42.5°	1067.4	1074.5	1078.4	1081.1	1078.4	1074.5	1067.4	1055.1	1037.7	1015.4	992.7
-45°	962.0	965.2	965.6	963.5	965.6	965.2	962.0	955.2	945.5	933.4	919.5
-47.5°	881.1	882.2	881.7	879.4	881.7	882.2	881.1	877.6	872.6	865.5	856.0
-50°	814.6	811.9	809.3	806.6	809.3	811.9	814.6	815.4	814.1	810.0	803.3
-52.5°	764.6	761.7	759.0	756.2	759.0	761.7	764.6	765.6	764.4	760.4	754.9
-55°	718.3	716.4	714.3	711.4	714.3	716.4	718.3	718.5	717.1	714.7	711.1
-57.5°	677.2	676.7	677.3	677.8	677.3	676.7	677.2	676.8	675.2	673.3	669.9
-60°	635.7	636.4	637.9	638.6	637.9	636.4	635.7	633.5	629.8	625.7	621.4
-62.5°	574.0	574.7	578.7	582.6	578.7	574.7	574.0	571.8	568.1	565.0	561.5
-65°	507.6	507.8	511.6	515.3	511.6	507.8	507.6	505.9	502.7	499.5	496.0
-67.5°	445.0	446.1	450.1	453.7	450.1	446.1	445.0	442.9	440.1	437.4	434.7
-70°	385.8	385.1	388.7	392.1	388.7	385.1	385.8	385.7	384.7	382.8	380.1
-72.5°	330.1	329.2	330.1	330.5	330.1	329.2	330.1	330.2	329.2	327.3	324.8
-75°	273.1	273.3	274.2	274.5	274.2	273.3	273.1	272.3	270.8	268.9	267.2
-77.5°	217.6	217.5	218.2	218.5	218.2	217.5	217.6	217.1	216.1	214.6	212.2
-80°	162.1	161.7	162.2	162.4	162.2	161.7	162.1	162.0	161.5	160.3	157.8
-82.5°	110.7	111.4	111.9	112.0	111.9	111.4	110.7	109.7	108.4	106.9	106.4
-85°	60.9	61.3	61.5	61.6	61.5	61.3	60.9	60.4	59.7	59.0	59.3
-87.5°	22.2	22.3	22.4	22.4	22.4	22.3	22.2	22.1	21.9	21.6	21.4
-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: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.0	20.7	20.3	19.9	19.4	18.9	18.3	17.8	17.2	16.5	15.8
85°	59.4	59.2	58.8	57.1	55.2	53.1	51.0	48.7	46.2	43.6	40.9
82.5°	105.7	104.7	103.3	99.4	95.5	91.5	87.6	84.1	80.4	76.6	72.5
80°	155.1	152.1	148.9	144.3	139.1	133.4	127.2	121.4	115.2	109.4	104.0
77.5°	209.1	205.2	200.4	194.4	187.8	180.8	173.2	165.5	157.8	149.7	141.2
75°	264.6	261.0	256.0	248.7	240.9	232.4	222.8	212.2	201.5	190.8	180.4
72.5°	321.5	317.4	311.6	303.3	293.8	283.7	272.9	260.8	247.5	233.0	219.8
70°	376.6	372.2	366.5	359.0	349.5	338.4	325.4	311.3	296.4	280.8	264.7
67.5°	430.7	425.2	419.2	412.5	404.2	393.8	379.9	363.5	346.3	328.6	310.1
65°	490.8	483.8	476.1	469.0	460.2	449.5	435.4	419.6	400.7	378.9	355.5
62.5°	556.5	550.1	539.1	527.4	515.9	503.6	487.5	470.3	453.0	432.9	404.9
60°	616.8	610.8	596.5	582.2	568.2	553.1	535.0	516.7	498.5	476.5	451.0
57.5°	664.8	655.6	642.2	628.6	614.8	596.4	577.1	558.9	538.9	517.7	493.9
55°	706.1	695.8	682.1	667.3	651.3	633.0	613.8	593.4	574.2	556.6	532.3
52.5°	748.1	735.2	720.4	704.4	686.8	667.2	646.6	625.2	606.5	588.3	567.9
50°	793.9	777.6	759.8	741.2	722.3	701.1	678.8	656.1	638.1	619.2	598.7
47.5°	843.0	823.7	802.6	781.5	759.6	736.6	712.5	688.1	668.3	648.9	627.6
45°	900.7	876.2	849.1	824.8	798.9	773.5	747.5	722.2	697.4	675.6	655.1
42.5°	967.7	938.5	907.6	874.4	841.1	812.0	782.8	755.5	727.9	701.6	678.0
40°	1051.9	1009.3	973.4	932.5	893.0	853.1	821.2	788.3	758.2	728.4	701.2
37.5°	1163.0	1103.5	1051.9	998.7	951.4	904.1	863.1	825.8	788.3	756.3	725.8
35°	1312.8	1229.6	1148.7	1080.1	1016.6	960.8	908.7	864.9	823.6	784.5	750.3
32.5°	1525.0	1403.1	1273.0	1180.4	1093.2	1020.9	959.6	905.1	857.9	814.8	775.6
30°	1857.8	1642.7	1458.2	1301.6	1188.8	1090.5	1011.4	947.4	891.9	844.0	800.5
27.5°	2400.3	1962.0	1706.6	1472.3	1298.2	1175.4	1072.7	989.3	924.9	872.5	824.9
25°	3280.1	2540.3	2023.4	1699.7	1447.3	1265.8	1138.7	1039.4	960.7	898.2	842.3
22.5°	4568.8	3414.0	2524.7	1960.4	1629.9	1389.6	1216.9	1088.9	992.7	920.3	859.5
20°	6601.0	4540.8	3254.9	2382.6	1844.3	1508.4	1299.7	1146.8	1031.8	944.2	874.7
17.5°	9035.1	6283.3	4081.7	2837.2	2122.3	1679.8	1396.5	1202.5	1066.4	965.7	887.5
15°	11488.0	8105.9	5352.1	3496.4	2425.6	1829.6	1479.6	1250.5	1100.2	989.2	903.7
12.5°	14196.8	10058.6	6479.3	4041.4	2738.0	2010.2	1585.6	1315.3	1137.1	1012.7	919.3
10°	16536.7	11882.6	7834.3	4914.5	3149.0	2199.6	1682.9	1370.9	1168.0	1031.7	931.4
7.5°	18643.6	13440.9	8970.6	5595.8	3467.7	2349.8	1760.9	1415.1	1191.1	1045.7	940.0
5°	20138.7	14631.7	9884.7	6110.6	3695.7	2453.9	1815.1	1446.4	1206.4	1054.4	945.0
2.5°	21071.5	15348.3	10480.8	6416.3	3807.3	2510.8	1849.2	1464.2	1219.3	1064.1	947.7
0°	21156.9	15297.7	10564.5	6565.0	3736.2	2520.7	1865.3	1467.6	1226.7	1069.9	946.7
-2.5°	21071.5	15348.3	10480.8	6416.3	3807.3	2510.8	1849.2	1464.2	1219.3	1064.1	947.7
-5°	20138.7	14631.7	9884.7	6110.6	3695.7	2453.9	1815.1	1446.4	1206.4	1054.4	945.0
-7.5°	18643.6	13440.9	8970.6	5595.8	3467.7	2349.8	1760.9	1415.1	1191.1	1045.7	940.0
-10°	16536.7	11882.6	7834.3	4914.5	3149.0	2199.6	1682.9	1370.9	1168.0	1031.7	931.4
-12.5°	14196.8	10058.6	6479.3	4041.4	2738.0	2010.2	1585.6	1315.3	1137.1	1012.7	919.3
-15°	11488.0	8105.9	5352.1	3496.4	2425.6	1829.6	1479.6	1250.5	1100.2	989.2	903.7
-17.5°	9035.1	6283.3	4081.7	2837.2	2122.3	1679.8	1396.5	1202.5	1066.4	965.7	887.5
-20°	6601.0	4540.8	3254.9	2382.6	1844.3	1508.4	1299.7	1146.8	1031.8	944.2	874.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4568.8	3414.0	2524.7	1960.4	1629.9	1389.6	1216.9	1088.9	992.7	920.3	859.5
-25°	3280.1	2540.3	2023.4	1699.7	1447.3	1265.8	1138.7	1039.4	960.7	898.2	842.3
-27.5°	2400.3	1962.0	1706.6	1472.3	1298.2	1175.4	1072.7	989.3	924.9	872.5	824.9
-30°	1857.8	1642.7	1458.2	1301.6	1188.8	1090.5	1011.4	947.4	891.9	844.0	800.5
-32.5°	1525.0	1403.1	1273.0	1180.4	1093.2	1020.9	959.6	905.1	857.9	814.8	775.6
-35°	1312.8	1229.6	1148.7	1080.1	1016.6	960.8	908.7	864.9	823.6	784.5	750.3
-37.5°	1163.0	1103.5	1051.9	998.7	951.4	904.1	863.1	825.8	788.3	756.3	725.8
-40°	1051.9	1009.3	973.4	932.5	893.0	853.1	821.2	788.3	758.2	728.4	701.2
-42.5°	967.7	938.5	907.6	874.4	841.1	812.0	782.8	755.5	727.9	701.6	678.0
-45°	900.7	876.2	849.1	824.8	798.9	773.5	747.5	722.2	697.4	675.6	655.1
-47.5°	843.0	823.7	802.6	781.5	759.6	736.6	712.5	688.1	668.3	648.9	627.6
-50°	793.9	777.6	759.8	741.2	722.3	701.1	678.8	656.1	638.1	619.2	598.7
-52.5°	748.1	735.2	720.4	704.4	686.8	667.2	646.6	625.2	606.5	588.3	567.9
-55°	706.1	695.8	682.1	667.3	651.3	633.0	613.8	593.4	574.2	556.6	532.3
-57.5°	664.8	655.6	642.2	628.6	614.8	596.4	577.1	558.9	538.9	517.7	493.9
-60°	616.8	610.8	596.5	582.2	568.2	553.1	535.0	516.7	498.5	476.5	451.0
-62.5°	556.5	550.1	539.1	527.4	515.9	503.6	487.5	470.3	453.0	432.9	404.9
-65°	490.8	483.8	476.1	469.0	460.2	449.5	435.4	419.6	400.7	378.9	355.5
-67.5°	430.7	425.2	419.2	412.5	404.2	393.8	379.9	363.5	346.3	328.6	310.1
-70°	376.6	372.2	366.5	359.0	349.5	338.4	325.4	311.3	296.4	280.8	264.7
-72.5°	321.5	317.4	311.6	303.3	293.8	283.7	272.9	260.8	247.5	233.0	219.8
-75°	264.6	261.0	256.0	248.7	240.9	232.4	222.8	212.2	201.5	190.8	180.4
-77.5°	209.1	205.2	200.4	194.4	187.8	180.8	173.2	165.5	157.8	149.7	141.2
-80°	155.1	152.1	148.9	144.3	139.1	133.4	127.2	121.4	115.2	109.4	104.0
-82.5°	105.7	104.7	103.3	99.4	95.5	91.5	87.6	84.1	80.4	76.6	72.5
-85°	59.4	59.2	58.8	57.1	55.2	53.1	51.0	48.7	46.2	43.6	40.9
-87.5°	21.0	20.7	20.3	19.9	19.4	18.9	18.3	17.8	17.2	16.5	15.8
-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: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.1	14.4	13.6	12.8	12.0	11.2	10.3	9.5	8.6	7.7	6.7
85°	38.1	35.2	32.1	28.9	25.7	22.4	20.7	18.9	17.1	15.3	13.5
82.5°	68.3	63.8	59.3	54.5	49.7	44.7	39.5	34.2	28.7	23.4	20.2
80°	98.3	92.4	86.3	80.1	73.8	66.9	60.0	52.9	45.1	37.5	30.4
77.5°	132.3	123.1	113.6	105.7	98.4	90.5	81.7	71.9	61.2	51.5	42.3
75°	169.6	158.5	147.1	135.8	125.0	114.0	104.1	92.6	79.2	65.6	54.0
72.5°	208.1	195.3	181.4	167.2	154.4	141.2	127.6	113.0	97.7	82.1	66.4
70°	248.8	233.0	217.4	201.3	184.8	168.2	152.5	135.0	116.0	98.4	80.6
67.5°	290.9	272.1	253.5	235.3	216.6	197.3	177.6	157.1	136.0	114.5	94.7
65°	334.0	311.8	289.1	268.8	247.9	226.4	204.4	179.4	155.6	132.0	108.5
62.5°	377.9	352.2	327.1	302.4	278.7	255.0	230.4	202.4	175.1	149.2	123.1
60°	422.2	392.6	364.3	336.8	309.6	283.1	255.4	224.7	194.9	166.0	137.9
57.5°	464.6	431.9	399.8	369.7	340.2	310.9	279.8	246.7	214.0	182.7	152.2
55°	505.8	472.4	434.7	400.4	369.1	337.9	303.4	268.4	232.7	198.8	166.2
52.5°	542.1	508.9	469.7	430.6	395.5	362.8	325.9	289.4	251.6	214.4	179.8
50°	575.0	541.4	502.1	460.7	420.8	384.5	347.4	308.8	269.9	229.7	192.9
47.5°	603.5	571.2	532.4	489.2	446.4	405.5	366.9	327.2	287.5	245.3	205.6
45°	629.2	599.8	561.4	517.1	470.2	426.7	385.3	344.6	303.1	260.4	217.7
42.5°	653.1	624.7	589.6	544.3	494.4	447.2	402.9	360.5	317.7	274.8	229.8
40°	674.9	646.4	615.9	569.8	517.4	466.3	420.2	375.7	331.4	287.9	241.6
37.5°	696.4	666.9	635.3	593.6	538.9	485.8	436.3	389.9	344.7	299.6	252.7
35°	718.4	686.9	652.4	612.4	559.4	503.7	451.1	403.4	357.1	310.6	262.9
32.5°	739.6	704.8	668.0	628.2	578.6	520.1	465.5	416.4	368.7	320.8	272.4
30°	760.4	719.5	681.8	644.3	595.3	536.1	479.6	428.5	379.5	330.4	281.1
27.5°	776.2	732.4	694.0	657.0	609.3	551.0	493.4	439.7	389.5	339.2	288.7
25°	790.4	744.7	704.5	667.0	623.1	566.2	506.0	449.9	398.6	347.2	295.7
22.5°	804.6	755.4	713.2	675.6	636.2	580.1	517.9	460.1	406.8	354.4	301.9
20°	816.9	764.0	720.4	683.4	644.9	590.8	529.1	469.2	414.0	360.8	307.5
17.5°	827.4	772.9	728.0	689.9	650.9	599.9	538.8	477.1	420.3	366.3	312.3
15°	838.1	782.0	734.5	694.8	656.2	607.3	547.2	483.9	425.7	371.0	316.7
12.5°	847.2	788.7	739.5	698.4	660.5	613.1	554.0	489.4	430.1	375.4	320.9
10°	854.4	793.2	743.0	700.6	663.9	617.3	559.4	494.5	435.3	379.4	324.4
7.5°	859.4	795.4	745.1	701.6	666.4	621.1	564.7	500.2	439.9	382.5	327.0
5°	862.8	796.4	746.4	703.6	667.8	624.6	568.5	504.6	443.6	384.7	329.0
2.5°	866.8	796.8	746.5	705.2	667.8	626.7	570.7	507.8	446.4	386.1	330.1
0°	868.2	795.4	745.0	705.8	666.6	627.4	571.4	509.7	448.1	386.5	330.5
-2.5°	866.8	796.8	746.5	705.2	667.8	626.7	570.7	507.8	446.4	386.1	330.1
-5°	862.8	796.4	746.4	703.6	667.8	624.6	568.5	504.6	443.6	384.7	329.0
-7.5°	859.4	795.4	745.1	701.6	666.4	621.1	564.7	500.2	439.9	382.5	327.0
-10°	854.4	793.2	743.0	700.6	663.9	617.3	559.4	494.5	435.3	379.4	324.4
-12.5°	847.2	788.7	739.5	698.4	660.5	613.1	554.0	489.4	430.1	375.4	320.9
-15°	838.1	782.0	734.5	694.8	656.2	607.3	547.2	483.9	425.7	371.0	316.7
-17.5°	827.4	772.9	728.0	689.9	650.9	599.9	538.8	477.1	420.3	366.3	312.3
-20°	816.9	764.0	720.4	683.4	644.9	590.8	529.1	469.2	414.0	360.8	307.5



REPORT NUMBER: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	804.6	755.4	713.2	675.6	636.2	580.1	517.9	460.1	406.8	354.4	301.9
-25°	790.4	744.7	704.5	667.0	623.1	566.2	506.0	449.9	398.6	347.2	295.7
-27.5°	776.2	732.4	694.0	657.0	609.3	551.0	493.4	439.7	389.5	339.2	288.7
-30°	760.4	719.5	681.8	644.3	595.3	536.1	479.6	428.5	379.5	330.4	281.1
-32.5°	739.6	704.8	668.0	628.2	578.6	520.1	465.5	416.4	368.7	320.8	272.4
-35°	718.4	686.9	652.4	612.4	559.4	503.7	451.1	403.4	357.1	310.6	262.9
-37.5°	696.4	666.9	635.3	593.6	538.9	485.8	436.3	389.9	344.7	299.6	252.7
-40°	674.9	646.4	615.9	569.8	517.4	466.3	420.2	375.7	331.4	287.9	241.6
-42.5°	653.1	624.7	589.6	544.3	494.4	447.2	402.9	360.5	317.7	274.8	229.8
-45°	629.2	599.8	561.4	517.1	470.2	426.7	385.3	344.6	303.1	260.4	217.7
-47.5°	603.5	571.2	532.4	489.2	446.4	405.5	366.9	327.2	287.5	245.3	205.6
-50°	575.0	541.4	502.1	460.7	420.8	384.5	347.4	308.8	269.9	229.7	192.9
-52.5°	542.1	508.9	469.7	430.6	395.5	362.8	325.9	289.4	251.6	214.4	179.8
-55°	505.8	472.4	434.7	400.4	369.1	337.9	303.4	268.4	232.7	198.8	166.2
-57.5°	464.6	431.9	399.8	369.7	340.2	310.9	279.8	246.7	214.0	182.7	152.2
-60°	422.2	392.6	364.3	336.8	309.6	283.1	255.4	224.7	194.9	166.0	137.9
-62.5°	377.9	352.2	327.1	302.4	278.7	255.0	230.4	202.4	175.1	149.2	123.1
-65°	334.0	311.8	289.1	268.8	247.9	226.4	204.4	179.4	155.6	132.0	108.5
-67.5°	290.9	272.1	253.5	235.3	216.6	197.3	177.6	157.1	136.0	114.5	94.7
-70°	248.8	233.0	217.4	201.3	184.8	168.2	152.5	135.0	116.0	98.4	80.6
-72.5°	208.1	195.3	181.4	167.2	154.4	141.2	127.6	113.0	97.7	82.1	66.4
-75°	169.6	158.5	147.1	135.8	125.0	114.0	104.1	92.6	79.2	65.6	54.0
-77.5°	132.3	123.1	113.6	105.7	98.4	90.5	81.7	71.9	61.2	51.5	42.3
-80°	98.3	92.4	86.3	80.1	73.8	66.9	60.0	52.9	45.1	37.5	30.4
-82.5°	68.3	63.8	59.3	54.5	49.7	44.7	39.5	34.2	28.7	23.4	20.2
-85°	38.1	35.2	32.1	28.9	25.7	22.4	20.7	18.9	17.1	15.3	13.5
-87.5°	15.1	14.4	13.6	12.8	12.0	11.2	10.3	9.5	8.6	7.7	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627805 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.8	4.8	3.9	2.9	2.0	1.0	0.0
85°	11.6	9.7	7.8	5.8	3.9	2.0	0.0
82.5°	17.3	14.5	11.6	8.7	5.8	2.9	0.0
80°	23.6	19.3	15.5	11.6	7.8	3.9	0.0
77.5°	33.6	25.3	19.3	14.5	9.7	4.8	0.0
75°	43.4	33.6	23.6	17.3	11.6	5.8	0.0
72.5°	53.2	41.7	30.1	20.2	13.5	6.7	0.0
70°	63.2	49.8	36.6	23.3	15.3	7.7	0.0
67.5°	75.4	57.7	42.9	28.1	17.1	8.6	0.0
65°	87.4	66.6	49.2	32.8	18.9	9.5	0.0
62.5°	99.2	76.4	55.3	37.4	20.7	10.3	0.0
60°	110.7	86.0	61.3	41.9	22.4	11.2	0.0
57.5°	122.8	95.4	68.7	46.3	25.3	12.0	0.0
55°	134.6	104.6	76.0	50.5	28.1	12.8	0.0
52.5°	146.0	113.5	83.1	54.7	30.9	13.6	0.0
50°	156.9	122.5	90.0	58.7	33.6	14.4	0.0
47.5°	167.4	131.2	96.6	62.8	36.1	15.1	0.0
45°	177.8	139.4	103.0	67.6	38.6	15.8	0.0
42.5°	187.8	147.2	109.1	72.1	41.0	16.5	0.0
40°	197.3	154.6	115.0	76.4	43.2	17.2	0.0
37.5°	206.3	161.6	120.5	80.5	45.4	17.8	0.0
35°	214.8	168.4	125.8	84.2	47.4	18.3	0.0
32.5°	222.8	175.0	130.7	87.7	49.3	18.9	0.0
30°	230.4	181.2	135.2	90.8	51.1	19.4	0.0
27.5°	237.3	186.9	139.2	93.7	52.7	19.9	0.0
25°	243.6	192.1	143.0	96.3	54.2	20.3	0.0
22.5°	249.1	196.7	146.5	98.6	55.6	20.7	0.0
20°	254.0	200.8	149.7	100.6	56.9	21.0	0.0
17.5°	258.5	204.3	152.6	102.3	58.0	21.4	0.0
15°	262.6	207.2	155.1	103.8	58.9	21.6	0.0
12.5°	266.1	209.5	157.3	104.9	59.7	21.9	0.0
10°	269.0	211.3	159.1	105.7	60.4	22.1	0.0
7.5°	271.4	212.5	160.5	106.3	60.9	22.2	0.0
5°	273.1	213.1	161.6	106.6	61.3	22.3	0.0
2.5°	274.1	213.3	162.2	106.6	61.5	22.4	0.0
0°	274.5	212.9	162.4	106.4	61.6	22.4	0.0
-2.5°	274.1	213.3	162.2	106.6	61.5	22.4	0.0
-5°	273.1	213.1	161.6	106.6	61.3	22.3	0.0
-7.5°	271.4	212.5	160.5	106.3	60.9	22.2	0.0
-10°	269.0	211.3	159.1	105.7	60.4	22.1	0.0
-12.5°	266.1	209.5	157.3	104.9	59.7	21.9	0.0
-15°	262.6	207.2	155.1	103.8	58.9	21.6	0.0
-17.5°	258.5	204.3	152.6	102.3	58.0	21.4	0.0
-20°	254.0	200.8	149.7	100.6	56.9	21.0	0.0

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CATALOG NUMBER: GFLD-SA6B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	249.1	196.7	146.5	98.6	55.6	20.7	0.0
-25°	243.6	192.1	143.0	96.3	54.2	20.3	0.0
-27.5°	237.3	186.9	139.2	93.7	52.7	19.9	0.0
-30°	230.4	181.2	135.2	90.8	51.1	19.4	0.0
-32.5°	222.8	175.0	130.7	87.7	49.3	18.9	0.0
-35°	214.8	168.4	125.8	84.2	47.4	18.3	0.0
-37.5°	206.3	161.6	120.5	80.5	45.4	17.8	0.0
-40°	197.3	154.6	115.0	76.4	43.2	17.2	0.0
-42.5°	187.8	147.2	109.1	72.1	41.0	16.5	0.0
-45°	177.8	139.4	103.0	67.6	38.6	15.8	0.0
-47.5°	167.4	131.2	96.6	62.8	36.1	15.1	0.0
-50°	156.9	122.5	90.0	58.7	33.6	14.4	0.0
-52.5°	146.0	113.5	83.1	54.7	30.9	13.6	0.0
-55°	134.6	104.6	76.0	50.5	28.1	12.8	0.0
-57.5°	122.8	95.4	68.7	46.3	25.3	12.0	0.0
-60°	110.7	86.0	61.3	41.9	22.4	11.2	0.0
-62.5°	99.2	76.4	55.3	37.4	20.7	10.3	0.0
-65°	87.4	66.6	49.2	32.8	18.9	9.5	0.0
-67.5°	75.4	57.7	42.9	28.1	17.1	8.6	0.0
-70°	63.2	49.8	36.6	23.3	15.3	7.7	0.0
-72.5°	53.2	41.7	30.1	20.2	13.5	6.7	0.0
-75°	43.4	33.6	23.6	17.3	11.6	5.8	0.0
-77.5°	33.6	25.3	19.3	14.5	9.7	4.8	0.0
-80°	23.6	19.3	15.5	11.6	7.8	3.9	0.0
-82.5°	17.3	14.5	11.6	8.7	5.8	2.9	0.0
-85°	11.6	9.7	7.8	5.8	3.9	2.0	0.0
-87.5°	5.8	4.8	3.9	2.9	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)