

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: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-730-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N116
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

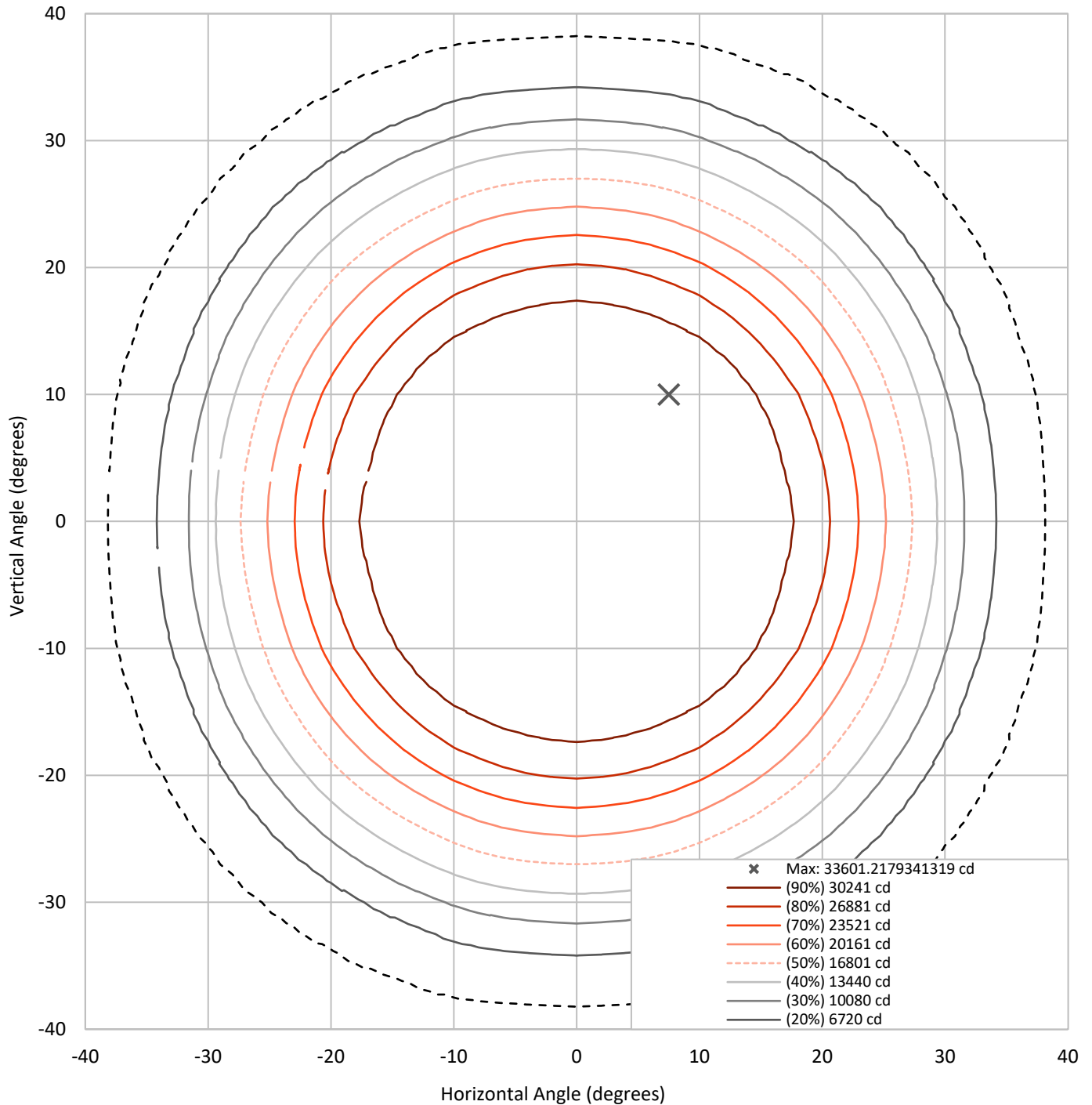
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	28597.8 lumens	Max Intensity:	33601.2 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	138.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	18981.5 lumens	Field Lumens:	24681.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	206.1		
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





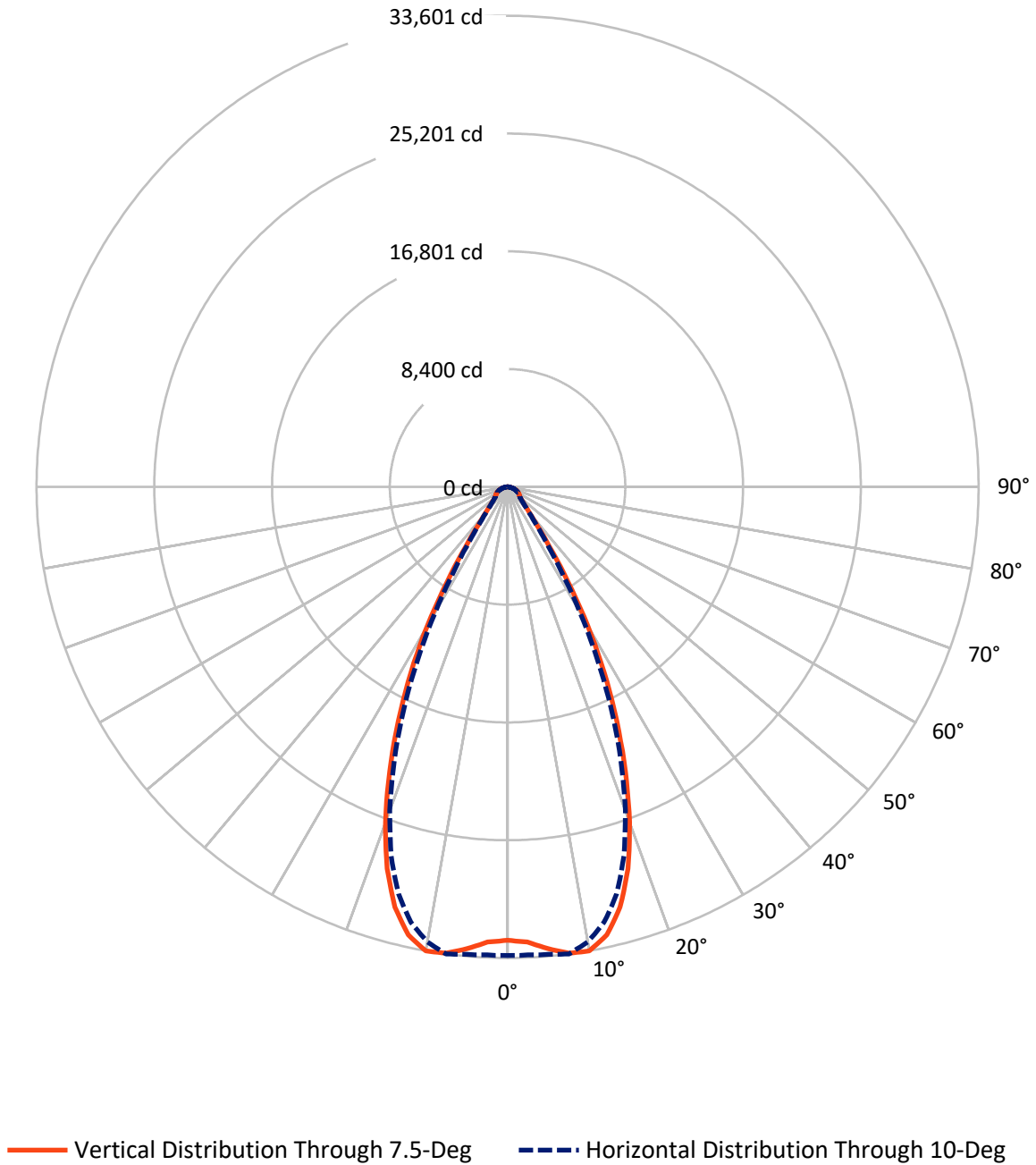
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Lumen Table

90															90				
80	0.7	6.7		17.9		28.4		31.7		28.4		17.9		6.7	0.7				
70	3.0	3.4	7.0	11.4	16.0	19.4	22.0	23.3	23.3	22.0	19.4	16.0	11.4	7.0	3.4	3.0			
60		5.1	10.3	16.5	22.1	26.7	29.9	31.2	31.2	29.9	26.7	22.1	16.5	10.3	5.1				
50	5.4	6.6	13.1	20.0	26.8	34.9	43.9	50.4	50.4	43.9	34.9	26.8	20.0	13.1	6.6	5.4			
40		7.9	15.2	23.0	35.6	65.0	124.4	184.4	184.4	124.4	65.0	35.6	23.0	15.2	7.9				
30	7.0	8.8	16.5	26.9	58.6	183.6	411.9	575.1	575.1	411.9	183.6	58.6	26.9	16.5	8.8	7.0			
20		9.4	17.4	31.9	105.9	391.4	747.4	935.4	935.4	747.4	391.4	105.9	31.9	17.4	9.4				
10	7.5	9.7	17.9	35.9	152.4	535.6	906.7	986.5	986.5	906.7	535.6	152.4	35.9	17.9	9.7	7.5			
0		9.7	17.9	35.9	152.4	535.6	906.7	986.5	986.5	906.7	535.6	152.4	35.9	17.9	9.7				
-10	7.0	9.4	17.4	31.9	105.9	391.4	747.4	935.4	935.4	747.4	391.4	105.9	31.9	17.4	9.4	7.0			
-20		8.8	16.5	26.9	58.6	183.6	411.9	575.1	575.1	411.9	183.6	58.6	26.9	16.5	8.8				
-30	5.4	7.9	15.2	23.0	35.6	65.0	124.4	184.4	184.4	124.4	65.0	35.6	23.0	15.2	7.9	5.4			
-40		6.6	13.1	20.0	26.8	34.9	43.9	50.4	50.4	43.9	34.9	26.8	20.0	13.1	6.6				
-50	3.0	5.1	10.3	16.5	22.1	26.7	29.9	31.2	31.2	29.9	26.7	22.1	16.5	10.3	5.1	3.0			
-60		3.4	7.0	11.4	16.0	19.4	22.0	23.3	23.3	22.0	19.4	16.0	11.4	7.0	3.4				
-70															-70				
-80	0.7	6.7		17.9		28.4		31.7		28.4		17.9		6.7	0.7				
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

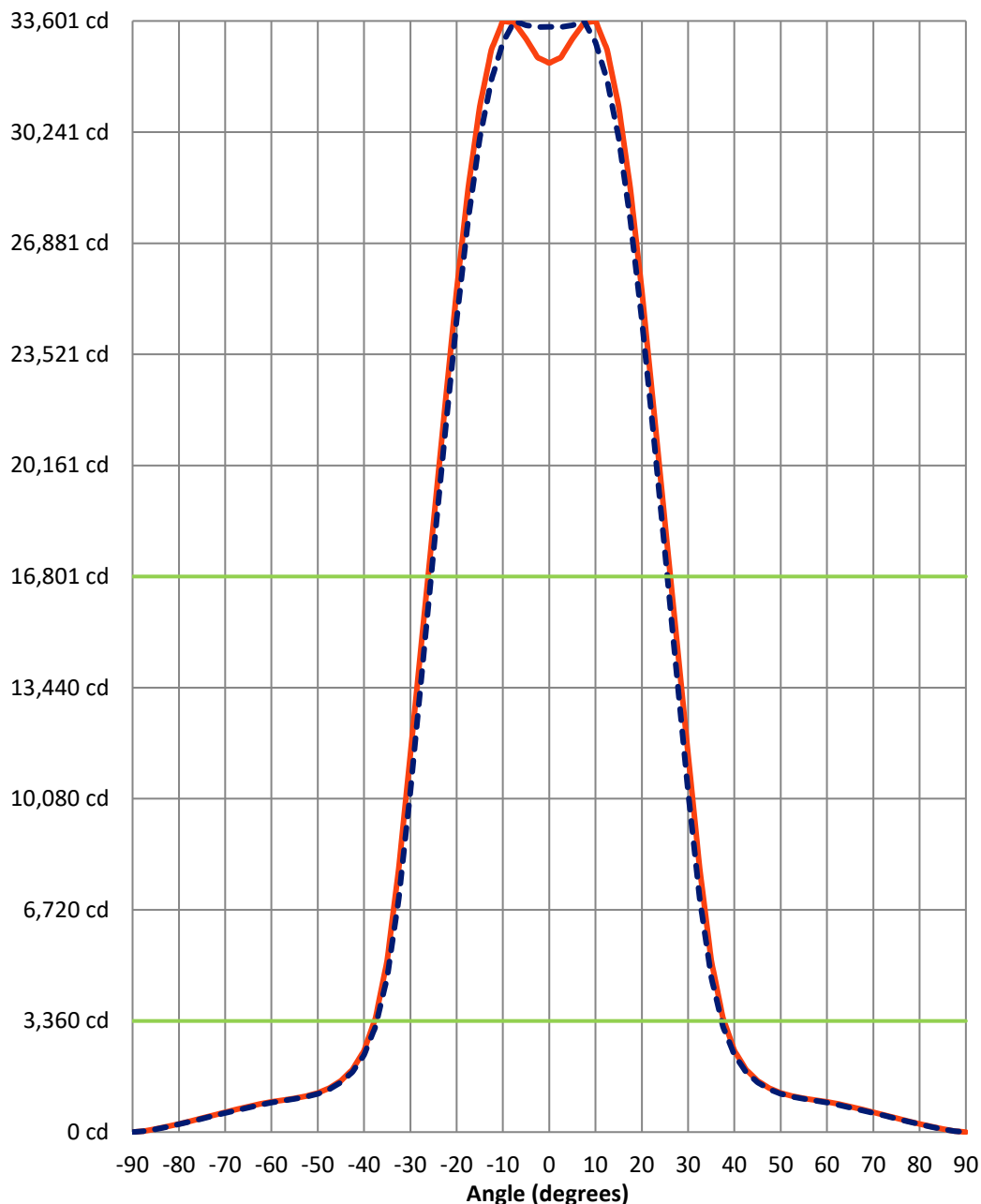
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 18981.5
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 24681.4
 Efficiency: 86.3%

Spill:
 Lumens: 3916.4
 Efficiency: 13.7%

— Vertical Distribution through 7.5-Deg
 - - Horizontal Distribution through 10-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	1.3	2.6	3.8	5.1	6.4	7.6	9.3	11.1	12.9	14.9
85°	0.0	2.6	5.1	7.7	10.2	12.7	15.2	18.5	22.1	25.8	29.8
82.5°	0.0	3.8	7.7	11.5	15.3	19.0	22.8	27.7	33.7	42.5	50.8
80°	0.0	5.1	10.2	15.3	20.3	25.3	31.4	43.2	54.6	65.3	75.4
77.5°	0.0	6.4	12.7	19.0	25.3	34.2	47.8	61.9	75.4	88.1	101.7
75°	0.0	7.6	15.2	22.8	31.4	47.8	64.1	80.5	96.5	115.0	133.2
72.5°	0.0	8.8	17.7	26.5	42.2	61.3	80.2	99.8	121.7	143.2	164.4
70°	0.0	10.1	20.1	30.9	52.8	74.6	96.5	121.7	146.6	171.2	197.0
67.5°	0.0	11.2	22.5	38.8	63.3	87.7	114.8	143.2	171.2	200.0	229.3
65°	0.0	12.4	24.8	46.5	73.6	101.5	132.8	164.4	195.9	228.2	262.4
62.5°	0.0	13.6	27.1	54.1	83.7	115.9	150.4	185.3	220.1	256.5	297.8
60°	0.0	14.7	29.4	61.5	93.6	130.0	167.4	205.7	243.7	287.3	332.3
57.5°	0.0	15.8	34.1	68.8	104.4	143.7	184.6	225.5	269.3	317.2	364.8
55°	0.0	16.9	38.7	75.8	114.9	156.9	201.4	244.9	294.8	345.9	396.1
52.5°	0.0	17.9	43.1	82.6	125.0	169.9	217.7	266.2	319.3	373.2	426.4
50°	0.0	18.9	47.4	89.3	134.8	183.2	233.7	287.0	342.9	399.7	455.8
47.5°	0.0	19.9	51.5	95.8	144.1	196.2	249.4	307.0	365.6	425.1	484.2
45°	0.0	20.8	55.4	102.5	153.1	208.7	265.7	326.0	387.4	449.7	511.5
42.5°	0.0	21.7	59.1	108.9	161.6	220.7	281.2	344.1	408.2	473.1	537.3
40°	0.0	22.5	62.7	114.8	170.3	232.3	295.9	361.3	428.0	495.5	562.1
37.5°	0.0	23.3	66.0	120.3	179.0	243.4	309.7	377.4	447.1	517.2	585.9
35°	0.0	24.1	69.1	125.4	187.3	254.1	322.7	392.5	465.4	537.5	608.1
32.5°	0.0	24.8	71.9	130.3	195.2	264.3	334.8	406.6	482.7	556.3	627.7
30°	0.0	25.5	74.6	134.7	202.5	273.7	346.0	419.8	499.0	573.6	646.0
27.5°	0.0	26.1	77.0	138.9	209.1	282.4	356.3	432.8	513.8	589.5	662.8
25°	0.0	26.6	79.2	142.6	215.0	290.3	365.6	444.8	526.8	603.5	678.3
22.5°	0.0	27.2	81.1	146.0	220.4	297.3	374.0	455.8	538.4	615.9	692.3
20°	0.0	27.6	82.9	149.0	225.1	303.3	381.4	465.8	548.6	627.1	704.8
17.5°	0.0	28.0	84.4	151.6	229.3	308.6	388.1	474.6	557.5	636.8	715.7
15°	0.0	28.4	85.6	153.8	232.9	313.0	394.1	482.6	565.0	645.1	725.1
12.5°	0.0	28.7	86.6	155.7	235.8	316.7	399.3	489.6	571.8	652.0	732.8
10°	0.0	29.0	87.4	157.1	238.1	319.7	403.7	495.4	577.6	658.5	739.4
7.5°	0.0	29.1	88.0	158.1	239.8	321.8	407.1	499.9	582.1	663.7	745.2
5°	0.0	29.3	88.3	158.8	240.9	323.1	409.6	503.1	585.4	667.4	749.4
2.5°	0.0	29.4	88.3	159.0	241.3	323.7	411.1	505.1	587.3	669.7	751.9
0°	0.0	29.4	88.2	158.8	241.1	323.4	411.6	505.7	588.0	670.4	752.7
-2.5°	0.0	29.4	88.3	159.0	241.3	323.7	411.1	505.1	587.3	669.7	751.9
-5°	0.0	29.3	88.3	158.8	240.9	323.1	409.6	503.1	585.4	667.4	749.4
-7.5°	0.0	29.1	88.0	158.1	239.8	321.8	407.1	499.9	582.1	663.7	745.2
-10°	0.0	29.0	87.4	157.1	238.1	319.7	403.7	495.4	577.6	658.5	739.4
-12.5°	0.0	28.7	86.6	155.7	235.8	316.7	399.3	489.6	571.8	652.0	732.8
-15°	0.0	28.4	85.6	153.8	232.9	313.0	394.1	482.6	565.0	645.1	725.1
-17.5°	0.0	28.0	84.4	151.6	229.3	308.6	388.1	474.6	557.5	636.8	715.7
-20°	0.0	27.6	82.9	149.0	225.1	303.3	381.4	465.8	548.6	627.1	704.8

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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	27.2	81.1	146.0	220.4	297.3	374.0	455.8	538.4	615.9	692.3
-25°	0.0	26.6	79.2	142.6	215.0	290.3	365.6	444.8	526.8	603.5	678.3
-27.5°	0.0	26.1	77.0	138.9	209.1	282.4	356.3	432.8	513.8	589.5	662.8
-30°	0.0	25.5	74.6	134.7	202.5	273.7	346.0	419.8	499.0	573.6	646.0
-32.5°	0.0	24.8	71.9	130.3	195.2	264.3	334.8	406.6	482.7	556.3	627.7
-35°	0.0	24.1	69.1	125.4	187.3	254.1	322.7	392.5	465.4	537.5	608.1
-37.5°	0.0	23.3	66.0	120.3	179.0	243.4	309.7	377.4	447.1	517.2	585.9
-40°	0.0	22.5	62.7	114.8	170.3	232.3	295.9	361.3	428.0	495.5	562.1
-42.5°	0.0	21.7	59.1	108.9	161.6	220.7	281.2	344.1	408.2	473.1	537.3
-45°	0.0	20.8	55.4	102.5	153.1	208.7	265.7	326.0	387.4	449.7	511.5
-47.5°	0.0	19.9	51.5	95.8	144.1	196.2	249.4	307.0	365.6	425.1	484.2
-50°	0.0	18.9	47.4	89.3	134.8	183.2	233.7	287.0	342.9	399.7	455.8
-52.5°	0.0	17.9	43.1	82.6	125.0	169.9	217.7	266.2	319.3	373.2	426.4
-55°	0.0	16.9	38.7	75.8	114.9	156.9	201.4	244.9	294.8	345.9	396.1
-57.5°	0.0	15.8	34.1	68.8	104.4	143.7	184.6	225.5	269.3	317.2	364.8
-60°	0.0	14.7	29.4	61.5	93.6	130.0	167.4	205.7	243.7	287.3	332.3
-62.5°	0.0	13.6	27.1	54.1	83.7	115.9	150.4	185.3	220.1	256.5	297.8
-65°	0.0	12.4	24.8	46.5	73.6	101.5	132.8	164.4	195.9	228.2	262.4
-67.5°	0.0	11.2	22.5	38.8	63.3	87.7	114.8	143.2	171.2	200.0	229.3
-70°	0.0	10.1	20.1	30.9	52.8	74.6	96.5	121.7	146.6	171.2	197.0
-72.5°	0.0	8.8	17.7	26.5	42.2	61.3	80.2	99.8	121.7	143.2	164.4
-75°	0.0	7.6	15.2	22.8	31.4	47.8	64.1	80.5	96.5	115.0	133.2
-77.5°	0.0	6.4	12.7	19.0	25.3	34.2	47.8	61.9	75.4	88.1	101.7
-80°	0.0	5.1	10.2	15.3	20.3	25.3	31.4	43.2	54.6	65.3	75.4
-82.5°	0.0	3.8	7.7	11.5	15.3	19.0	22.8	27.7	33.7	42.5	50.8
-85°	0.0	2.6	5.1	7.7	10.2	12.7	15.2	18.5	22.1	25.8	29.8
-87.5°	0.0	1.3	2.6	3.8	5.1	6.4	7.6	9.3	11.1	12.9	14.9
-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°	16.3	17.6	19.0	20.2	21.5	22.7	23.8	25.0	26.0	27.0	28.0
85°	32.6	35.3	40.0	44.7	49.3	53.7	58.0	62.0	65.9	69.7	73.2
82.5°	58.3	65.9	73.7	81.6	88.5	95.2	101.7	108.3	115.0	121.7	128.2
80°	85.7	96.4	108.5	120.0	130.1	139.7	149.0	157.9	167.6	177.9	188.5
77.5°	117.4	132.5	146.7	160.0	172.9	186.9	200.4	213.5	227.0	240.4	253.2
75°	151.3	168.6	186.8	204.7	222.1	238.9	255.4	272.1	289.1	305.9	321.9
72.5°	186.4	208.3	229.8	250.7	272.2	293.3	313.6	333.2	353.4	374.0	393.7
70°	222.8	247.8	274.2	299.7	324.1	348.6	373.5	397.4	420.8	444.6	468.3
67.5°	259.6	290.9	320.7	349.0	377.7	406.6	434.6	463.2	490.8	518.6	545.2
65°	299.9	334.2	366.8	399.2	431.8	465.7	498.7	530.6	562.7	593.8	621.7
62.5°	339.5	376.1	412.1	449.0	487.7	525.7	561.9	598.5	635.9	668.4	696.6
60°	376.0	416.6	456.9	498.8	541.6	582.6	623.1	663.0	703.1	740.4	763.6
57.5°	411.2	456.1	500.7	545.9	591.0	636.8	679.3	723.1	760.4	791.9	818.7
55°	445.6	494.2	541.7	589.2	637.9	685.7	732.0	773.6	810.0	836.3	862.2
52.5°	478.9	530.2	579.3	630.6	682.4	733.1	781.5	820.1	849.9	876.8	900.9
50°	511.3	563.4	615.3	670.9	725.6	779.3	824.7	858.5	888.9	915.1	940.3
47.5°	541.6	596.0	651.4	709.9	767.4	819.3	861.1	896.4	927.5	955.7	985.6
45°	570.8	628.5	687.0	747.4	806.2	856.3	896.6	934.7	963.7	995.6	1029.9
42.5°	599.1	659.7	721.1	783.4	842.8	889.7	929.9	964.8	999.0	1036.7	1078.2
40°	626.0	689.1	753.2	818.1	877.4	918.9	958.3	995.3	1036.7	1081.6	1129.6
37.5°	651.3	716.8	783.3	850.8	902.7	945.5	985.9	1027.1	1075.3	1127.3	1192.5
35°	674.9	742.6	811.4	876.1	925.5	970.9	1012.6	1058.6	1114.9	1182.9	1266.4
32.5°	696.7	766.5	837.2	896.6	946.5	993.6	1036.5	1093.9	1161.5	1242.5	1360.6
30°	716.9	788.3	859.3	916.8	965.4	1012.7	1064.9	1129.6	1208.7	1326.9	1478.1
27.5°	735.7	808.1	876.6	933.5	982.3	1031.1	1092.2	1170.6	1274.8	1415.7	1603.7
25°	752.8	827.0	893.2	947.6	998.0	1052.1	1118.5	1206.6	1343.6	1525.6	1779.6
22.5°	768.4	844.2	909.1	959.7	1012.7	1071.3	1148.8	1259.0	1416.9	1629.4	1957.0
20°	782.3	857.1	921.1	971.2	1026.2	1087.2	1175.7	1308.6	1499.1	1774.4	2192.5
17.5°	794.4	868.4	930.0	982.2	1039.5	1105.2	1202.0	1351.6	1572.1	1900.8	2430.6
15°	804.8	878.1	937.5	991.6	1051.0	1125.8	1238.5	1407.8	1656.9	2032.3	2638.0
12.5°	813.5	886.0	943.6	999.3	1060.4	1143.0	1269.8	1460.8	1745.0	2193.8	2943.8
10°	820.3	892.3	948.4	1005.3	1067.8	1156.8	1295.1	1504.2	1818.0	2333.7	3204.5
7.5°	826.6	896.9	951.6	1009.5	1073.1	1167.1	1314.4	1537.6	1873.9	2443.6	3410.9
5°	831.3	899.7	953.4	1011.9	1077.6	1173.8	1327.5	1560.8	1912.5	2522.1	3556.1
2.5°	834.1	900.6	953.7	1012.6	1080.9	1176.8	1334.4	1573.6	1942.9	2559.3	3634.1
0°	835.0	899.7	952.6	1011.4	1082.0	1176.1	1334.9	1576.0	1958.2	2558.0	3645.9
-2.5°	834.1	900.6	953.7	1012.6	1080.9	1176.8	1334.4	1573.6	1942.9	2559.3	3634.1
-5°	831.3	899.7	953.4	1011.9	1077.6	1173.8	1327.5	1560.8	1912.5	2522.1	3556.1
-7.5°	826.6	896.9	951.6	1009.5	1073.1	1167.1	1314.4	1537.6	1873.9	2443.6	3410.9
-10°	820.3	892.3	948.4	1005.3	1067.8	1156.8	1295.1	1504.2	1818.0	2333.7	3204.5
-12.5°	813.5	886.0	943.6	999.3	1060.4	1143.0	1269.8	1460.8	1745.0	2193.8	2943.8
-15°	804.8	878.1	937.5	991.6	1051.0	1125.8	1238.5	1407.8	1656.9	2032.3	2638.0
-17.5°	794.4	868.4	930.0	982.2	1039.5	1105.2	1202.0	1351.6	1572.1	1900.8	2430.6
-20°	782.3	857.1	921.1	971.2	1026.2	1087.2	1175.7	1308.6	1499.1	1774.4	2192.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	768.4	844.2	909.1	959.7	1012.7	1071.3	1148.8	1259.0	1416.9	1629.4	1957.0
-25°	752.8	827.0	893.2	947.6	998.0	1052.1	1118.5	1206.6	1343.6	1525.6	1779.6
-27.5°	735.7	808.1	876.6	933.5	982.3	1031.1	1092.2	1170.6	1274.8	1415.7	1603.7
-30°	716.9	788.3	859.3	916.8	965.4	1012.7	1064.9	1129.6	1208.7	1326.9	1478.1
-32.5°	696.7	766.5	837.2	896.6	946.5	993.6	1036.5	1093.9	1161.5	1242.5	1360.6
-35°	674.9	742.6	811.4	876.1	925.5	970.9	1012.6	1058.6	1114.9	1182.9	1266.4
-37.5°	651.3	716.8	783.3	850.8	902.7	945.5	985.9	1027.1	1075.3	1127.3	1192.5
-40°	626.0	689.1	753.2	818.1	877.4	918.9	958.3	995.3	1036.7	1081.6	1129.6
-42.5°	599.1	659.7	721.1	783.4	842.8	889.7	929.9	964.8	999.0	1036.7	1078.2
-45°	570.8	628.5	687.0	747.4	806.2	856.3	896.6	934.7	963.7	995.6	1029.9
-47.5°	541.6	596.0	651.4	709.9	767.4	819.3	861.1	896.4	927.5	955.7	985.6
-50°	511.3	563.4	615.3	670.9	725.6	779.3	824.7	858.5	888.9	915.1	940.3
-52.5°	478.9	530.2	579.3	630.6	682.4	733.1	781.5	820.1	849.9	876.8	900.9
-55°	445.6	494.2	541.7	589.2	637.9	685.7	732.0	773.6	810.0	836.3	862.2
-57.5°	411.2	456.1	500.7	545.9	591.0	636.8	679.3	723.1	760.4	791.9	818.7
-60°	376.0	416.6	456.9	498.8	541.6	582.6	623.1	663.0	703.1	740.4	763.6
-62.5°	339.5	376.1	412.1	449.0	487.7	525.7	561.9	598.5	635.9	668.4	696.6
-65°	299.9	334.2	366.8	399.2	431.8	465.7	498.7	530.6	562.7	593.8	621.7
-67.5°	259.6	290.9	320.7	349.0	377.7	406.6	434.6	463.2	490.8	518.6	545.2
-70°	222.8	247.8	274.2	299.7	324.1	348.6	373.5	397.4	420.8	444.6	468.3
-72.5°	186.4	208.3	229.8	250.7	272.2	293.3	313.6	333.2	353.4	374.0	393.7
-75°	151.3	168.6	186.8	204.7	222.1	238.9	255.4	272.1	289.1	305.9	321.9
-77.5°	117.4	132.5	146.7	160.0	172.9	186.9	200.4	213.5	227.0	240.4	253.2
-80°	85.7	96.4	108.5	120.0	130.1	139.7	149.0	157.9	167.6	177.9	188.5
-82.5°	58.3	65.9	73.7	81.6	88.5	95.2	101.7	108.3	115.0	121.7	128.2
-85°	32.6	35.3	40.0	44.7	49.3	53.7	58.0	62.0	65.9	69.7	73.2
-87.5°	16.3	17.6	19.0	20.2	21.5	22.7	23.8	25.0	26.0	27.0	28.0
-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: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-MWR-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°	28.9	28.5	28.0	27.4	26.7	28.5	30.4	32.2	34.1	33.0	31.9
85°	76.6	78.3	79.7	81.0	82.0	85.7	89.2	92.5	95.5	95.5	95.1
82.5°	134.7	139.0	142.7	146.1	149.0	153.3	157.1	160.4	163.2	165.4	167.1
80°	198.5	205.5	211.5	217.0	221.9	227.6	232.8	237.5	241.6	243.8	245.2
77.5°	265.8	276.1	285.3	294.1	302.4	310.6	318.1	324.8	330.6	332.0	331.7
75°	337.2	351.0	363.9	376.0	387.0	396.6	404.6	411.4	417.0	419.7	421.2
72.5°	412.4	429.4	444.6	458.4	470.2	480.0	488.5	495.9	502.1	506.1	508.4
70°	490.8	510.9	526.6	539.5	549.6	559.3	570.3	580.7	590.5	596.0	598.1
67.5°	569.4	590.3	604.7	616.4	625.7	635.3	649.1	661.5	672.5	680.0	684.7
65°	646.4	668.4	682.8	694.1	702.5	712.2	727.6	739.9	749.3	756.7	763.4
62.5°	722.5	744.6	760.6	774.0	786.4	797.0	809.6	819.9	828.0	835.3	843.6
60°	788.4	814.6	831.4	845.0	860.3	876.8	886.1	893.9	900.6	906.5	911.7
57.5°	842.2	865.6	887.2	903.5	919.5	934.8	945.8	953.1	959.0	963.4	965.1
55°	887.2	911.4	935.5	953.2	968.9	983.2	995.3	1004.7	1012.6	1018.7	1020.2
52.5°	927.6	954.7	978.4	998.8	1019.5	1036.4	1049.7	1062.6	1073.8	1082.9	1086.8
50°	971.5	999.9	1029.4	1056.8	1078.8	1098.2	1114.3	1132.5	1151.7	1167.5	1177.5
47.5°	1017.7	1050.4	1086.1	1119.7	1145.8	1174.5	1201.1	1228.2	1263.9	1293.9	1316.1
45°	1066.0	1108.0	1148.7	1191.5	1227.5	1281.6	1331.7	1374.8	1432.0	1483.9	1525.1
42.5°	1122.9	1175.3	1225.3	1293.9	1365.6	1439.4	1519.1	1587.1	1676.6	1767.7	1841.2
40°	1190.5	1257.4	1345.4	1437.5	1550.8	1652.3	1789.9	1912.5	2049.8	2223.4	2366.8
37.5°	1271.9	1374.9	1497.3	1625.7	1802.4	1971.2	2198.7	2438.4	2655.9	2989.9	3270.8
35°	1377.6	1521.6	1682.8	1909.9	2160.0	2476.4	2831.2	3294.3	3691.3	4254.6	4792.9
32.5°	1513.7	1698.9	1962.1	2312.7	2682.4	3256.7	3819.8	4623.9	5368.3	6261.1	7224.6
30°	1665.2	1947.1	2349.2	2830.1	3519.6	4364.6	5357.3	6592.1	7943.5	9198.4	10434.9
27.5°	1884.8	2288.7	2816.9	3592.8	4667.5	5849.6	7588.9	9265.2	11014.1	12568.8	13865.3
25°	2141.1	2674.9	3491.7	4634.3	6087.6	8111.9	10193.9	12262.8	14143.6	15771.2	17203.8
22.5°	2472.1	3239.7	4328.7	5808.7	8071.9	10498.0	12939.5	15221.5	17227.8	19040.2	20590.9
20°	2832.1	3792.7	5347.9	7554.8	10142.9	12907.0	15663.7	18094.5	20303.6	22358.5	24106.4
17.5°	3288.5	4633.7	6603.1	9250.5	12242.8	15271.2	18167.2	20805.2	23311.5	25485.9	27312.2
15°	3677.4	5374.4	7944.7	11049.5	14286.1	17480.7	20538.1	23403.5	26009.2	28240.3	29957.1
12.5°	4196.1	6204.5	9135.8	12596.1	16103.5	19464.9	22685.4	25646.9	28298.6	30505.2	31841.6
10°	4686.4	7063.8	10287.0	13895.7	17539.5	21121.0	24559.6	27596.9	30058.9	31814.2	32953.2
7.5°	5103.4	7802.4	11223.5	14946.1	18680.5	22425.0	25905.7	28860.9	31131.0	32596.9	33389.7
5°	5414.7	8354.5	11918.6	15799.6	19631.7	23441.9	26895.5	29669.7	31631.7	32720.7	33118.8
2.5°	5613.0	8678.8	12322.0	16359.7	20268.3	24085.4	27574.4	30305.1	31969.8	32691.5	32760.2
0°	5692.3	8720.7	12384.2	16653.4	20428.7	24268.6	27767.5	30566.6	32095.5	32689.4	32677.7
-2.5°	5613.0	8678.8	12322.0	16359.7	20268.3	24085.4	27574.4	30305.1	31969.8	32691.5	32760.2
-5°	5414.7	8354.5	11918.6	15799.6	19631.7	23441.9	26895.5	29669.7	31631.7	32720.7	33118.8
-7.5°	5103.4	7802.4	11223.5	14946.1	18680.5	22425.0	25905.7	28860.9	31131.0	32596.9	33389.7
-10°	4686.4	7063.8	10287.0	13895.7	17539.5	21121.0	24559.6	27596.9	30058.9	31814.2	32953.2
-12.5°	4196.1	6204.5	9135.8	12596.1	16103.5	19464.9	22685.4	25646.9	28298.6	30505.2	31841.6
-15°	3677.4	5374.4	7944.7	11049.5	14286.1	17480.7	20538.1	23403.5	26009.2	28240.3	29957.1
-17.5°	3288.5	4633.7	6603.1	9250.5	12242.8	15271.2	18167.2	20805.2	23311.5	25485.9	27312.2
-20°	2832.1	3792.7	5347.9	7554.8	10142.9	12907.0	15663.7	18094.5	20303.6	22358.5	24106.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2472.1	3239.7	4328.7	5808.7	8071.9	10498.0	12939.5	15221.5	17227.8	19040.2	20590.9
-25°	2141.1	2674.9	3491.7	4634.3	6087.6	8111.9	10193.9	12262.8	14143.6	15771.2	17203.8
-27.5°	1884.8	2288.7	2816.9	3592.8	4667.5	5849.6	7588.9	9265.2	11014.1	12568.8	13865.3
-30°	1665.2	1947.1	2349.2	2830.1	3519.6	4364.6	5357.3	6592.1	7943.5	9198.4	10434.9
-32.5°	1513.7	1698.9	1962.1	2312.7	2682.4	3256.7	3819.8	4623.9	5368.3	6261.1	7224.6
-35°	1377.6	1521.6	1682.8	1909.9	2160.0	2476.4	2831.2	3294.3	3691.3	4254.6	4792.9
-37.5°	1271.9	1374.9	1497.3	1625.7	1802.4	1971.2	2198.7	2438.4	2655.9	2989.9	3270.8
-40°	1190.5	1257.4	1345.4	1437.5	1550.8	1652.3	1789.9	1912.5	2049.8	2223.4	2366.8
-42.5°	1122.9	1175.3	1225.3	1293.9	1365.6	1439.4	1519.1	1587.1	1676.6	1767.7	1841.2
-45°	1066.0	1108.0	1148.7	1191.5	1227.5	1281.6	1331.7	1374.8	1432.0	1483.9	1525.1
-47.5°	1017.7	1050.4	1086.1	1119.7	1145.8	1174.5	1201.1	1228.2	1263.9	1293.9	1316.1
-50°	971.5	999.9	1029.4	1056.8	1078.8	1098.2	1114.3	1132.5	1151.7	1167.5	1177.5
-52.5°	927.6	954.7	978.4	998.8	1019.5	1036.4	1049.7	1062.6	1073.8	1082.9	1086.8
-55°	887.2	911.4	935.5	953.2	968.9	983.2	995.3	1004.7	1012.6	1018.7	1020.2
-57.5°	842.2	865.6	887.2	903.5	919.5	934.8	945.8	953.1	959.0	963.4	965.1
-60°	788.4	814.6	831.4	845.0	860.3	876.8	886.1	893.9	900.6	906.5	911.7
-62.5°	722.5	744.6	760.6	774.0	786.4	797.0	809.6	819.9	828.0	835.3	843.6
-65°	646.4	668.4	682.8	694.1	702.5	712.2	727.6	739.9	749.3	756.7	763.4
-67.5°	569.4	590.3	604.7	616.4	625.7	635.3	649.1	661.5	672.5	680.0	684.7
-70°	490.8	510.9	526.6	539.5	549.6	559.3	570.3	580.7	590.5	596.0	598.1
-72.5°	412.4	429.4	444.6	458.4	470.2	480.0	488.5	495.9	502.1	506.1	508.4
-75°	337.2	351.0	363.9	376.0	387.0	396.6	404.6	411.4	417.0	419.7	421.2
-77.5°	265.8	276.1	285.3	294.1	302.4	310.6	318.1	324.8	330.6	332.0	331.7
-80°	198.5	205.5	211.5	217.0	221.9	227.6	232.8	237.5	241.6	243.8	245.2
-82.5°	134.7	139.0	142.7	146.1	149.0	153.3	157.1	160.4	163.2	165.4	167.1
-85°	76.6	78.3	79.7	81.0	82.0	85.7	89.2	92.5	95.5	95.5	95.1
-87.5°	28.9	28.5	28.0	27.4	26.7	28.5	30.4	32.2	34.1	33.0	31.9
-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: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-MWR-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°	30.6	29.3	29.4	29.4	29.4	29.3	30.6	31.9	33.0	34.1	32.2
85°	94.5	93.6	91.0	88.2	91.0	93.6	94.5	95.1	95.5	95.5	92.5
82.5°	168.6	169.6	167.4	164.7	167.4	169.6	168.6	167.1	165.4	163.2	160.4
80°	245.8	245.9	243.8	241.1	243.8	245.9	245.8	245.2	243.8	241.6	237.5
77.5°	330.3	327.9	328.9	329.3	328.9	327.9	330.3	331.7	332.0	330.6	324.8
75°	421.8	421.4	420.0	417.5	420.0	421.4	421.8	421.2	419.7	417.0	411.4
72.5°	509.5	509.5	508.2	505.7	508.2	509.5	509.5	508.4	506.1	502.1	495.9
70°	598.6	597.6	599.1	599.8	599.1	597.6	598.6	598.1	596.0	590.5	580.7
67.5°	688.4	690.8	690.4	688.0	690.4	690.8	688.4	684.7	680.0	672.5	661.5
65°	768.9	772.9	775.3	776.2	775.3	772.9	768.9	763.4	756.7	749.3	739.9
62.5°	850.1	854.8	855.1	852.7	855.1	854.8	850.1	843.6	835.3	828.0	819.9
60°	914.5	915.3	914.2	911.5	914.2	915.3	914.5	911.7	906.5	900.6	893.9
57.5°	965.1	963.4	961.3	958.5	961.3	963.4	965.1	965.1	963.4	959.0	953.1
55°	1019.4	1016.6	1014.2	1011.4	1014.2	1016.6	1019.4	1020.2	1018.7	1012.6	1004.7
52.5°	1087.7	1086.2	1084.5	1082.0	1084.5	1086.2	1087.7	1086.8	1082.9	1073.8	1062.6
50°	1182.7	1184.2	1184.0	1182.0	1184.0	1184.2	1182.7	1177.5	1167.5	1151.7	1132.5
47.5°	1330.2	1338.1	1343.4	1346.6	1343.4	1338.1	1330.2	1316.1	1293.9	1263.9	1228.2
45°	1551.5	1567.3	1578.4	1587.7	1578.4	1567.3	1551.5	1525.1	1483.9	1432.0	1374.8
42.5°	1893.0	1928.2	1944.8	1940.5	1944.8	1928.2	1893.0	1841.2	1767.7	1676.6	1587.1
40°	2462.4	2519.2	2550.6	2575.6	2550.6	2519.2	2462.4	2366.8	2223.4	2049.8	1912.5
37.5°	3462.6	3572.7	3630.7	3681.2	3630.7	3572.7	3462.6	3270.8	2989.9	2655.9	2438.4
35°	5195.1	5442.9	5575.6	5621.7	5575.6	5442.9	5195.1	4792.9	4254.6	3691.3	3294.3
32.5°	7974.4	8431.4	8684.2	8879.5	8684.2	8431.4	7974.4	7224.6	6261.1	5368.3	4623.9
30°	11414.0	12016.0	12350.4	12513.6	12350.4	12016.0	11414.0	10434.9	9198.4	7943.5	6592.1
27.5°	14940.0	15624.4	15984.9	15965.4	15984.9	15624.4	14940.0	13865.3	12568.8	11014.1	9265.2
25°	18432.0	19224.7	19583.8	19905.3	19583.8	19224.7	18432.0	17203.8	15771.2	14143.6	12262.8
22.5°	21963.7	22890.6	23396.3	23633.5	23396.3	22890.6	21963.7	20590.9	19040.2	17227.8	15221.5
20°	25453.3	26485.2	27022.2	27255.9	27022.2	26485.2	25453.3	24106.4	22358.5	20303.6	18094.5
17.5°	28548.3	29555.6	30067.4	30284.3	30067.4	29555.6	28548.3	27312.2	25485.9	23311.5	20805.2
15°	31019.6	31762.6	32197.9	32313.1	32197.9	31762.6	31019.6	29957.1	28240.3	26009.2	23403.5
12.5°	32727.9	33015.7	33225.0	33289.2	33225.0	33015.7	32727.9	31841.6	30505.2	28298.6	25646.9
10°	33601.2	33471.4	33417.7	33424.5	33417.7	33471.4	33601.2	32953.2	31814.2	30058.9	27596.9
7.5°	33541.1	33348.9	32962.7	32901.1	32962.7	33348.9	33541.1	33389.7	32596.9	31131.0	28860.9
5°	33059.2	32709.2	32068.1	31883.8	32068.1	32709.2	33059.2	33118.8	32720.7	31631.7	29669.7
2.5°	32497.6	31866.5	31275.9	30895.9	31275.9	31866.5	32497.6	32760.2	32691.5	31969.8	30305.1
0°	32330.7	31601.6	30837.1	30590.1	30837.1	31601.6	32330.7	32677.7	32689.4	32095.5	30566.6
-2.5°	32497.6	31866.5	31275.9	30895.9	31275.9	31866.5	32497.6	32760.2	32691.5	31969.8	30305.1
-5°	33059.2	32709.2	32068.1	31883.8	32068.1	32709.2	33059.2	33118.8	32720.7	31631.7	29669.7
-7.5°	33541.1	33348.9	32962.7	32901.1	32962.7	33348.9	33541.1	33389.7	32596.9	31131.0	28860.9
-10°	33601.2	33471.4	33417.7	33424.5	33417.7	33471.4	33601.2	32953.2	31814.2	30058.9	27596.9
-12.5°	32727.9	33015.7	33225.0	33289.2	33225.0	33015.7	32727.9	31841.6	30505.2	28298.6	25646.9
-15°	31019.6	31762.6	32197.9	32313.1	32197.9	31762.6	31019.6	29957.1	28240.3	26009.2	23403.5
-17.5°	28548.3	29555.6	30067.4	30284.3	30067.4	29555.6	28548.3	27312.2	25485.9	23311.5	20805.2
-20°	25453.3	26485.2	27022.2	27255.9	27022.2	26485.2	25453.3	24106.4	22358.5	20303.6	18094.5



REPORT NUMBER: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21963.7	22890.6	23396.3	23633.5	23396.3	22890.6	21963.7	20590.9	19040.2	17227.8	15221.5
-25°	18432.0	19224.7	19583.8	19905.3	19583.8	19224.7	18432.0	17203.8	15771.2	14143.6	12262.8
-27.5°	14940.0	15624.4	15984.9	15965.4	15984.9	15624.4	14940.0	13865.3	12568.8	11014.1	9265.2
-30°	11414.0	12016.0	12350.4	12513.6	12350.4	12016.0	11414.0	10434.9	9198.4	7943.5	6592.1
-32.5°	7974.4	8431.4	8684.2	8879.5	8684.2	8431.4	7974.4	7224.6	6261.1	5368.3	4623.9
-35°	5195.1	5442.9	5575.6	5621.7	5575.6	5442.9	5195.1	4792.9	4254.6	3691.3	3294.3
-37.5°	3462.6	3572.7	3630.7	3681.2	3630.7	3572.7	3462.6	3270.8	2989.9	2655.9	2438.4
-40°	2462.4	2519.2	2550.6	2575.6	2550.6	2519.2	2462.4	2366.8	2223.4	2049.8	1912.5
-42.5°	1893.0	1928.2	1944.8	1940.5	1944.8	1928.2	1893.0	1841.2	1767.7	1676.6	1587.1
-45°	1551.5	1567.3	1578.4	1587.7	1578.4	1567.3	1551.5	1525.1	1483.9	1432.0	1374.8
-47.5°	1330.2	1338.1	1343.4	1346.6	1343.4	1338.1	1330.2	1316.1	1293.9	1263.9	1228.2
-50°	1182.7	1184.2	1184.0	1182.0	1184.0	1184.2	1182.7	1177.5	1167.5	1151.7	1132.5
-52.5°	1087.7	1086.2	1084.5	1082.0	1084.5	1086.2	1087.7	1086.8	1082.9	1073.8	1062.6
-55°	1019.4	1016.6	1014.2	1011.4	1014.2	1016.6	1019.4	1020.2	1018.7	1012.6	1004.7
-57.5°	965.1	963.4	961.3	958.5	961.3	963.4	965.1	965.1	963.4	959.0	953.1
-60°	914.5	915.3	914.2	911.5	914.2	915.3	914.5	911.7	906.5	900.6	893.9
-62.5°	850.1	854.8	855.1	852.7	855.1	854.8	850.1	843.6	835.3	828.0	819.9
-65°	768.9	772.9	775.3	776.2	775.3	772.9	768.9	763.4	756.7	749.3	739.9
-67.5°	688.4	690.8	690.4	688.0	690.4	690.8	688.4	684.7	680.0	672.5	661.5
-70°	598.6	597.6	599.1	599.8	599.1	597.6	598.6	598.1	596.0	590.5	580.7
-72.5°	509.5	509.5	508.2	505.7	508.2	509.5	509.5	508.4	506.1	502.1	495.9
-75°	421.8	421.4	420.0	417.5	420.0	421.4	421.8	421.2	419.7	417.0	411.4
-77.5°	330.3	327.9	328.9	329.3	328.9	327.9	330.3	331.7	332.0	330.6	324.8
-80°	245.8	245.9	243.8	241.1	243.8	245.9	245.8	245.2	243.8	241.6	237.5
-82.5°	168.6	169.6	167.4	164.7	167.4	169.6	168.6	167.1	165.4	163.2	160.4
-85°	94.5	93.6	91.0	88.2	91.0	93.6	94.5	95.1	95.5	95.5	92.5
-87.5°	30.6	29.3	29.4	29.4	29.4	29.3	30.6	31.9	33.0	34.1	32.2
-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: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	30.4	28.5	26.7	27.4	28.0	28.5	28.9	28.0	27.0	26.0	25.0
85°	89.2	85.7	82.0	81.0	79.7	78.3	76.6	73.2	69.7	65.9	62.0
82.5°	157.1	153.3	149.0	146.1	142.7	139.0	134.7	128.2	121.7	115.0	108.3
80°	232.8	227.6	221.9	217.0	211.5	205.5	198.5	188.5	177.9	167.6	157.9
77.5°	318.1	310.6	302.4	294.1	285.3	276.1	265.8	253.2	240.4	227.0	213.5
75°	404.6	396.6	387.0	376.0	363.9	351.0	337.2	321.9	305.9	289.1	272.1
72.5°	488.5	480.0	470.2	458.4	444.6	429.4	412.4	393.7	374.0	353.4	333.2
70°	570.3	559.3	549.6	539.5	526.6	510.9	490.8	468.3	444.6	420.8	397.4
67.5°	649.1	635.3	625.7	616.4	604.7	590.3	569.4	545.2	518.6	490.8	463.2
65°	727.6	712.2	702.5	694.1	682.8	668.4	646.4	621.7	593.8	562.7	530.6
62.5°	809.6	797.0	786.4	774.0	760.6	744.6	722.5	696.6	668.4	635.9	598.5
60°	886.1	876.8	860.3	845.0	831.4	814.6	788.4	763.6	740.4	703.1	663.0
57.5°	945.8	934.8	919.5	903.5	887.2	865.6	842.2	818.7	791.9	760.4	723.1
55°	995.3	983.2	968.9	953.2	935.5	911.4	887.2	862.2	836.3	810.0	773.6
52.5°	1049.7	1036.4	1019.5	998.8	978.4	954.7	927.6	900.9	876.8	849.9	820.1
50°	1114.3	1098.2	1078.8	1056.8	1029.4	999.9	971.5	940.3	915.1	888.9	858.5
47.5°	1201.1	1174.5	1145.8	1119.7	1086.1	1050.4	1017.7	985.6	955.7	927.5	896.4
45°	1331.7	1281.6	1227.5	1191.5	1148.7	1108.0	1066.0	1029.9	995.6	963.7	934.7
42.5°	1519.1	1439.4	1365.6	1293.9	1225.3	1175.3	1122.9	1078.2	1036.7	999.0	964.8
40°	1789.9	1652.3	1550.8	1437.5	1345.4	1257.4	1190.5	1129.6	1081.6	1036.7	995.3
37.5°	2198.7	1971.2	1802.4	1625.7	1497.3	1374.9	1271.9	1192.5	1127.3	1075.3	1027.1
35°	2831.2	2476.4	2160.0	1909.9	1682.8	1521.6	1377.6	1266.4	1182.9	1114.9	1058.6
32.5°	3819.8	3256.7	2682.4	2312.7	1962.1	1698.9	1513.7	1360.6	1242.5	1161.5	1093.9
30°	5357.3	4364.6	3519.6	2830.1	2349.2	1947.1	1665.2	1478.1	1326.9	1208.7	1129.6
27.5°	7588.9	5849.6	4667.5	3592.8	2816.9	2288.7	1884.8	1603.7	1415.7	1274.8	1170.6
25°	10193.9	8111.9	6087.6	4634.3	3491.7	2674.9	2141.1	1779.6	1525.6	1343.6	1206.6
22.5°	12939.5	10498.0	8071.9	5808.7	4328.7	3239.7	2472.1	1957.0	1629.4	1416.9	1259.0
20°	15663.7	12907.0	10142.9	7554.8	5347.9	3792.7	2832.1	2192.5	1774.4	1499.1	1308.6
17.5°	18167.2	15271.2	12242.8	9250.5	6603.1	4633.7	3288.5	2430.6	1900.8	1572.1	1351.6
15°	20538.1	17480.7	14286.1	11049.5	7944.7	5374.4	3677.4	2638.0	2032.3	1656.9	1407.8
12.5°	22685.4	19464.9	16103.5	12596.1	9135.8	6204.5	4196.1	2943.8	2193.8	1745.0	1460.8
10°	24559.6	21121.0	17539.5	13895.7	10287.0	7063.8	4686.4	3204.5	2333.7	1818.0	1504.2
7.5°	25905.7	22425.0	18680.5	14946.1	11223.5	7802.4	5103.4	3410.9	2443.6	1873.9	1537.6
5°	26895.5	23441.9	19631.7	15799.6	11918.6	8354.5	5414.7	3556.1	2522.1	1912.5	1560.8
2.5°	27574.4	24085.4	20268.3	16359.7	12322.0	8678.8	5613.0	3634.1	2559.3	1942.9	1573.6
0°	27767.5	24268.6	20428.7	16653.4	12384.2	8720.7	5692.3	3645.9	2558.0	1958.2	1576.0
-2.5°	27574.4	24085.4	20268.3	16359.7	12322.0	8678.8	5613.0	3634.1	2559.3	1942.9	1573.6
-5°	26895.5	23441.9	19631.7	15799.6	11918.6	8354.5	5414.7	3556.1	2522.1	1912.5	1560.8
-7.5°	25905.7	22425.0	18680.5	14946.1	11223.5	7802.4	5103.4	3410.9	2443.6	1873.9	1537.6
-10°	24559.6	21121.0	17539.5	13895.7	10287.0	7063.8	4686.4	3204.5	2333.7	1818.0	1504.2
-12.5°	22685.4	19464.9	16103.5	12596.1	9135.8	6204.5	4196.1	2943.8	2193.8	1745.0	1460.8
-15°	20538.1	17480.7	14286.1	11049.5	7944.7	5374.4	3677.4	2638.0	2032.3	1656.9	1407.8
-17.5°	18167.2	15271.2	12242.8	9250.5	6603.1	4633.7	3288.5	2430.6	1900.8	1572.1	1351.6
-20°	15663.7	12907.0	10142.9	7554.8	5347.9	3792.7	2832.1	2192.5	1774.4	1499.1	1308.6



REPORT NUMBER: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12939.5	10498.0	8071.9	5808.7	4328.7	3239.7	2472.1	1957.0	1629.4	1416.9	1259.0
-25°	10193.9	8111.9	6087.6	4634.3	3491.7	2674.9	2141.1	1779.6	1525.6	1343.6	1206.6
-27.5°	7588.9	5849.6	4667.5	3592.8	2816.9	2288.7	1884.8	1603.7	1415.7	1274.8	1170.6
-30°	5357.3	4364.6	3519.6	2830.1	2349.2	1947.1	1665.2	1478.1	1326.9	1208.7	1129.6
-32.5°	3819.8	3256.7	2682.4	2312.7	1962.1	1698.9	1513.7	1360.6	1242.5	1161.5	1093.9
-35°	2831.2	2476.4	2160.0	1909.9	1682.8	1521.6	1377.6	1266.4	1182.9	1114.9	1058.6
-37.5°	2198.7	1971.2	1802.4	1625.7	1497.3	1374.9	1271.9	1192.5	1127.3	1075.3	1027.1
-40°	1789.9	1652.3	1550.8	1437.5	1345.4	1257.4	1190.5	1129.6	1081.6	1036.7	995.3
-42.5°	1519.1	1439.4	1365.6	1293.9	1225.3	1175.3	1122.9	1078.2	1036.7	999.0	964.8
-45°	1331.7	1281.6	1227.5	1191.5	1148.7	1108.0	1066.0	1029.9	995.6	963.7	934.7
-47.5°	1201.1	1174.5	1145.8	1119.7	1086.1	1050.4	1017.7	985.6	955.7	927.5	896.4
-50°	1114.3	1098.2	1078.8	1056.8	1029.4	999.9	971.5	940.3	915.1	888.9	858.5
-52.5°	1049.7	1036.4	1019.5	998.8	978.4	954.7	927.6	900.9	876.8	849.9	820.1
-55°	995.3	983.2	968.9	953.2	935.5	911.4	887.2	862.2	836.3	810.0	773.6
-57.5°	945.8	934.8	919.5	903.5	887.2	865.6	842.2	818.7	791.9	760.4	723.1
-60°	886.1	876.8	860.3	845.0	831.4	814.6	788.4	763.6	740.4	703.1	663.0
-62.5°	809.6	797.0	786.4	774.0	760.6	744.6	722.5	696.6	668.4	635.9	598.5
-65°	727.6	712.2	702.5	694.1	682.8	668.4	646.4	621.7	593.8	562.7	530.6
-67.5°	649.1	635.3	625.7	616.4	604.7	590.3	569.4	545.2	518.6	490.8	463.2
-70°	570.3	559.3	549.6	539.5	526.6	510.9	490.8	468.3	444.6	420.8	397.4
-72.5°	488.5	480.0	470.2	458.4	444.6	429.4	412.4	393.7	374.0	353.4	333.2
-75°	404.6	396.6	387.0	376.0	363.9	351.0	337.2	321.9	305.9	289.1	272.1
-77.5°	318.1	310.6	302.4	294.1	285.3	276.1	265.8	253.2	240.4	227.0	213.5
-80°	232.8	227.6	221.9	217.0	211.5	205.5	198.5	188.5	177.9	167.6	157.9
-82.5°	157.1	153.3	149.0	146.1	142.7	139.0	134.7	128.2	121.7	115.0	108.3
-85°	89.2	85.7	82.0	81.0	79.7	78.3	76.6	73.2	69.7	65.9	62.0
-87.5°	30.4	28.5	26.7	27.4	28.0	28.5	28.9	28.0	27.0	26.0	25.0
-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: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MWR-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°	23.8	22.7	21.5	20.2	19.0	17.6	16.3	14.9	12.9	11.1	9.3
85°	58.0	53.7	49.3	44.7	40.0	35.3	32.6	29.8	25.8	22.1	18.5
82.5°	101.7	95.2	88.5	81.6	73.7	65.9	58.3	50.8	42.5	33.7	27.7
80°	149.0	139.7	130.1	120.0	108.5	96.4	85.7	75.4	65.3	54.6	43.2
77.5°	200.4	186.9	172.9	160.0	146.7	132.5	117.4	101.7	88.1	75.4	61.9
75°	255.4	238.9	222.1	204.7	186.8	168.6	151.3	133.2	115.0	96.5	80.5
72.5°	313.6	293.3	272.2	250.7	229.8	208.3	186.4	164.4	143.2	121.7	99.8
70°	373.5	348.6	324.1	299.7	274.2	247.8	222.8	197.0	171.2	146.6	121.7
67.5°	434.6	406.6	377.7	349.0	320.7	290.9	259.6	229.3	200.0	171.2	143.2
65°	498.7	465.7	431.8	399.2	366.8	334.2	299.9	262.4	228.2	195.9	164.4
62.5°	561.9	525.7	487.7	449.0	412.1	376.1	339.5	297.8	256.5	220.1	185.3
60°	623.1	582.6	541.6	498.8	456.9	416.6	376.0	332.3	287.3	243.7	205.7
57.5°	679.3	636.8	591.0	545.9	500.7	456.1	411.2	364.8	317.2	269.3	225.5
55°	732.0	685.7	637.9	589.2	541.7	494.2	445.6	396.1	345.9	294.8	244.9
52.5°	781.5	733.1	682.4	630.6	579.3	530.2	478.9	426.4	373.2	319.3	266.2
50°	824.7	779.3	725.6	670.9	615.3	563.4	511.3	455.8	399.7	342.9	287.0
47.5°	861.1	819.3	767.4	709.9	651.4	596.0	541.6	484.2	425.1	365.6	307.0
45°	896.6	856.3	806.2	747.4	687.0	628.5	570.8	511.5	449.7	387.4	326.0
42.5°	929.9	889.7	842.8	783.4	721.1	659.7	599.1	537.3	473.1	408.2	344.1
40°	958.3	918.9	877.4	818.1	753.2	689.1	626.0	562.1	495.5	428.0	361.3
37.5°	985.9	945.5	902.7	850.8	783.3	716.8	651.3	585.9	517.2	447.1	377.4
35°	1012.6	970.9	925.5	876.1	811.4	742.6	674.9	608.1	537.5	465.4	392.5
32.5°	1036.5	993.6	946.5	896.6	837.2	766.5	696.7	627.7	556.3	482.7	406.6
30°	1064.9	1012.7	965.4	916.8	859.3	788.3	716.9	646.0	573.6	499.0	419.8
27.5°	1092.2	1031.1	982.3	933.5	876.6	808.1	735.7	662.8	589.5	513.8	432.8
25°	1118.5	1052.1	998.0	947.6	893.2	827.0	752.8	678.3	603.5	526.8	444.8
22.5°	1148.8	1071.3	1012.7	959.7	909.1	844.2	768.4	692.3	615.9	538.4	455.8
20°	1175.7	1087.2	1026.2	971.2	921.1	857.1	782.3	704.8	627.1	548.6	465.8
17.5°	1202.0	1105.2	1039.5	982.2	930.0	868.4	794.4	715.7	636.8	557.5	474.6
15°	1238.5	1125.8	1051.0	991.6	937.5	878.1	804.8	725.1	645.1	565.0	482.6
12.5°	1269.8	1143.0	1060.4	999.3	943.6	886.0	813.5	732.8	652.0	571.8	489.6
10°	1295.1	1156.8	1067.8	1005.3	948.4	892.3	820.3	739.4	658.5	577.6	495.4
7.5°	1314.4	1167.1	1073.1	1009.5	951.6	896.9	826.6	745.2	663.7	582.1	499.9
5°	1327.5	1173.8	1077.6	1011.9	953.4	899.7	831.3	749.4	667.4	585.4	503.1
2.5°	1334.4	1176.8	1080.9	1012.6	953.7	900.6	834.1	751.9	669.7	587.3	505.1
0°	1334.9	1176.1	1082.0	1011.4	952.6	899.7	835.0	752.7	670.4	588.0	505.7
-2.5°	1334.4	1176.8	1080.9	1012.6	953.7	900.6	834.1	751.9	669.7	587.3	505.1
-5°	1327.5	1173.8	1077.6	1011.9	953.4	899.7	831.3	749.4	667.4	585.4	503.1
-7.5°	1314.4	1167.1	1073.1	1009.5	951.6	896.9	826.6	745.2	663.7	582.1	499.9
-10°	1295.1	1156.8	1067.8	1005.3	948.4	892.3	820.3	739.4	658.5	577.6	495.4
-12.5°	1269.8	1143.0	1060.4	999.3	943.6	886.0	813.5	732.8	652.0	571.8	489.6
-15°	1238.5	1125.8	1051.0	991.6	937.5	878.1	804.8	725.1	645.1	565.0	482.6
-17.5°	1202.0	1105.2	1039.5	982.2	930.0	868.4	794.4	715.7	636.8	557.5	474.6
-20°	1175.7	1087.2	1026.2	971.2	921.1	857.1	782.3	704.8	627.1	548.6	465.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1148.8	1071.3	1012.7	959.7	909.1	844.2	768.4	692.3	615.9	538.4	455.8
-25°	1118.5	1052.1	998.0	947.6	893.2	827.0	752.8	678.3	603.5	526.8	444.8
-27.5°	1092.2	1031.1	982.3	933.5	876.6	808.1	735.7	662.8	589.5	513.8	432.8
-30°	1064.9	1012.7	965.4	916.8	859.3	788.3	716.9	646.0	573.6	499.0	419.8
-32.5°	1036.5	993.6	946.5	896.6	837.2	766.5	696.7	627.7	556.3	482.7	406.6
-35°	1012.6	970.9	925.5	876.1	811.4	742.6	674.9	608.1	537.5	465.4	392.5
-37.5°	985.9	945.5	902.7	850.8	783.3	716.8	651.3	585.9	517.2	447.1	377.4
-40°	958.3	918.9	877.4	818.1	753.2	689.1	626.0	562.1	495.5	428.0	361.3
-42.5°	929.9	889.7	842.8	783.4	721.1	659.7	599.1	537.3	473.1	408.2	344.1
-45°	896.6	856.3	806.2	747.4	687.0	628.5	570.8	511.5	449.7	387.4	326.0
-47.5°	861.1	819.3	767.4	709.9	651.4	596.0	541.6	484.2	425.1	365.6	307.0
-50°	824.7	779.3	725.6	670.9	615.3	563.4	511.3	455.8	399.7	342.9	287.0
-52.5°	781.5	733.1	682.4	630.6	579.3	530.2	478.9	426.4	373.2	319.3	266.2
-55°	732.0	685.7	637.9	589.2	541.7	494.2	445.6	396.1	345.9	294.8	244.9
-57.5°	679.3	636.8	591.0	545.9	500.7	456.1	411.2	364.8	317.2	269.3	225.5
-60°	623.1	582.6	541.6	498.8	456.9	416.6	376.0	332.3	287.3	243.7	205.7
-62.5°	561.9	525.7	487.7	449.0	412.1	376.1	339.5	297.8	256.5	220.1	185.3
-65°	498.7	465.7	431.8	399.2	366.8	334.2	299.9	262.4	228.2	195.9	164.4
-67.5°	434.6	406.6	377.7	349.0	320.7	290.9	259.6	229.3	200.0	171.2	143.2
-70°	373.5	348.6	324.1	299.7	274.2	247.8	222.8	197.0	171.2	146.6	121.7
-72.5°	313.6	293.3	272.2	250.7	229.8	208.3	186.4	164.4	143.2	121.7	99.8
-75°	255.4	238.9	222.1	204.7	186.8	168.6	151.3	133.2	115.0	96.5	80.5
-77.5°	200.4	186.9	172.9	160.0	146.7	132.5	117.4	101.7	88.1	75.4	61.9
-80°	149.0	139.7	130.1	120.0	108.5	96.4	85.7	75.4	65.3	54.6	43.2
-82.5°	101.7	95.2	88.5	81.6	73.7	65.9	58.3	50.8	42.5	33.7	27.7
-85°	58.0	53.7	49.3	44.7	40.0	35.3	32.6	29.8	25.8	22.1	18.5
-87.5°	23.8	22.7	21.5	20.2	19.0	17.6	16.3	14.9	12.9	11.1	9.3
-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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Scaled Data Report



REPORT NUMBER: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MWR-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°	7.6	6.4	5.1	3.8	2.6	1.3	0.0
85°	15.2	12.7	10.2	7.7	5.1	2.6	0.0
82.5°	22.8	19.0	15.3	11.5	7.7	3.8	0.0
80°	31.4	25.3	20.3	15.3	10.2	5.1	0.0
77.5°	47.8	34.2	25.3	19.0	12.7	6.4	0.0
75°	64.1	47.8	31.4	22.8	15.2	7.6	0.0
72.5°	80.2	61.3	42.2	26.5	17.7	8.8	0.0
70°	96.5	74.6	52.8	30.9	20.1	10.1	0.0
67.5°	114.8	87.7	63.3	38.8	22.5	11.2	0.0
65°	132.8	101.5	73.6	46.5	24.8	12.4	0.0
62.5°	150.4	115.9	83.7	54.1	27.1	13.6	0.0
60°	167.4	130.0	93.6	61.5	29.4	14.7	0.0
57.5°	184.6	143.7	104.4	68.8	34.1	15.8	0.0
55°	201.4	156.9	114.9	75.8	38.7	16.9	0.0
52.5°	217.7	169.9	125.0	82.6	43.1	17.9	0.0
50°	233.7	183.2	134.8	89.3	47.4	18.9	0.0
47.5°	249.4	196.2	144.1	95.8	51.5	19.9	0.0
45°	265.7	208.7	153.1	102.5	55.4	20.8	0.0
42.5°	281.2	220.7	161.6	108.9	59.1	21.7	0.0
40°	295.9	232.3	170.3	114.8	62.7	22.5	0.0
37.5°	309.7	243.4	179.0	120.3	66.0	23.3	0.0
35°	322.7	254.1	187.3	125.4	69.1	24.1	0.0
32.5°	334.8	264.3	195.2	130.3	71.9	24.8	0.0
30°	346.0	273.7	202.5	134.7	74.6	25.5	0.0
27.5°	356.3	282.4	209.1	138.9	77.0	26.1	0.0
25°	365.6	290.3	215.0	142.6	79.2	26.6	0.0
22.5°	374.0	297.3	220.4	146.0	81.1	27.2	0.0
20°	381.4	303.3	225.1	149.0	82.9	27.6	0.0
17.5°	388.1	308.6	229.3	151.6	84.4	28.0	0.0
15°	394.1	313.0	232.9	153.8	85.6	28.4	0.0
12.5°	399.3	316.7	235.8	155.7	86.6	28.7	0.0
10°	403.7	319.7	238.1	157.1	87.4	29.0	0.0
7.5°	407.1	321.8	239.8	158.1	88.0	29.1	0.0
5°	409.6	323.1	240.9	158.8	88.3	29.3	0.0
2.5°	411.1	323.7	241.3	159.0	88.3	29.4	0.0
0°	411.6	323.4	241.1	158.8	88.2	29.4	0.0
-2.5°	411.1	323.7	241.3	159.0	88.3	29.4	0.0
-5°	409.6	323.1	240.9	158.8	88.3	29.3	0.0
-7.5°	407.1	321.8	239.8	158.1	88.0	29.1	0.0
-10°	403.7	319.7	238.1	157.1	87.4	29.0	0.0
-12.5°	399.3	316.7	235.8	155.7	86.6	28.7	0.0
-15°	394.1	313.0	232.9	153.8	85.6	28.4	0.0
-17.5°	388.1	308.6	229.3	151.6	84.4	28.0	0.0
-20°	381.4	303.3	225.1	149.0	82.9	27.6	0.0

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Scaled Data Report



REPORT NUMBER: P627627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	374.0	297.3	220.4	146.0	81.1	27.2	0.0
-25°	365.6	290.3	215.0	142.6	79.2	26.6	0.0
-27.5°	356.3	282.4	209.1	138.9	77.0	26.1	0.0
-30°	346.0	273.7	202.5	134.7	74.6	25.5	0.0
-32.5°	334.8	264.3	195.2	130.3	71.9	24.8	0.0
-35°	322.7	254.1	187.3	125.4	69.1	24.1	0.0
-37.5°	309.7	243.4	179.0	120.3	66.0	23.3	0.0
-40°	295.9	232.3	170.3	114.8	62.7	22.5	0.0
-42.5°	281.2	220.7	161.6	108.9	59.1	21.7	0.0
-45°	265.7	208.7	153.1	102.5	55.4	20.8	0.0
-47.5°	249.4	196.2	144.1	95.8	51.5	19.9	0.0
-50°	233.7	183.2	134.8	89.3	47.4	18.9	0.0
-52.5°	217.7	169.9	125.0	82.6	43.1	17.9	0.0
-55°	201.4	156.9	114.9	75.8	38.7	16.9	0.0
-57.5°	184.6	143.7	104.4	68.8	34.1	15.8	0.0
-60°	167.4	130.0	93.6	61.5	29.4	14.7	0.0
-62.5°	150.4	115.9	83.7	54.1	27.1	13.6	0.0
-65°	132.8	101.5	73.6	46.5	24.8	12.4	0.0
-67.5°	114.8	87.7	63.3	38.8	22.5	11.2	0.0
-70°	96.5	74.6	52.8	30.9	20.1	10.1	0.0
-72.5°	80.2	61.3	42.2	26.5	17.7	8.8	0.0
-75°	64.1	47.8	31.4	22.8	15.2	7.6	0.0
-77.5°	47.8	34.2	25.3	19.0	12.7	6.4	0.0
-80°	31.4	25.3	20.3	15.3	10.2	5.1	0.0
-82.5°	22.8	19.0	15.3	11.5	7.7	3.8	0.0
-85°	15.2	12.7	10.2	7.7	5.1	2.6	0.0
-87.5°	7.6	6.4	5.1	3.8	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)