

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: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627745 (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-SA5E-730-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N117
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

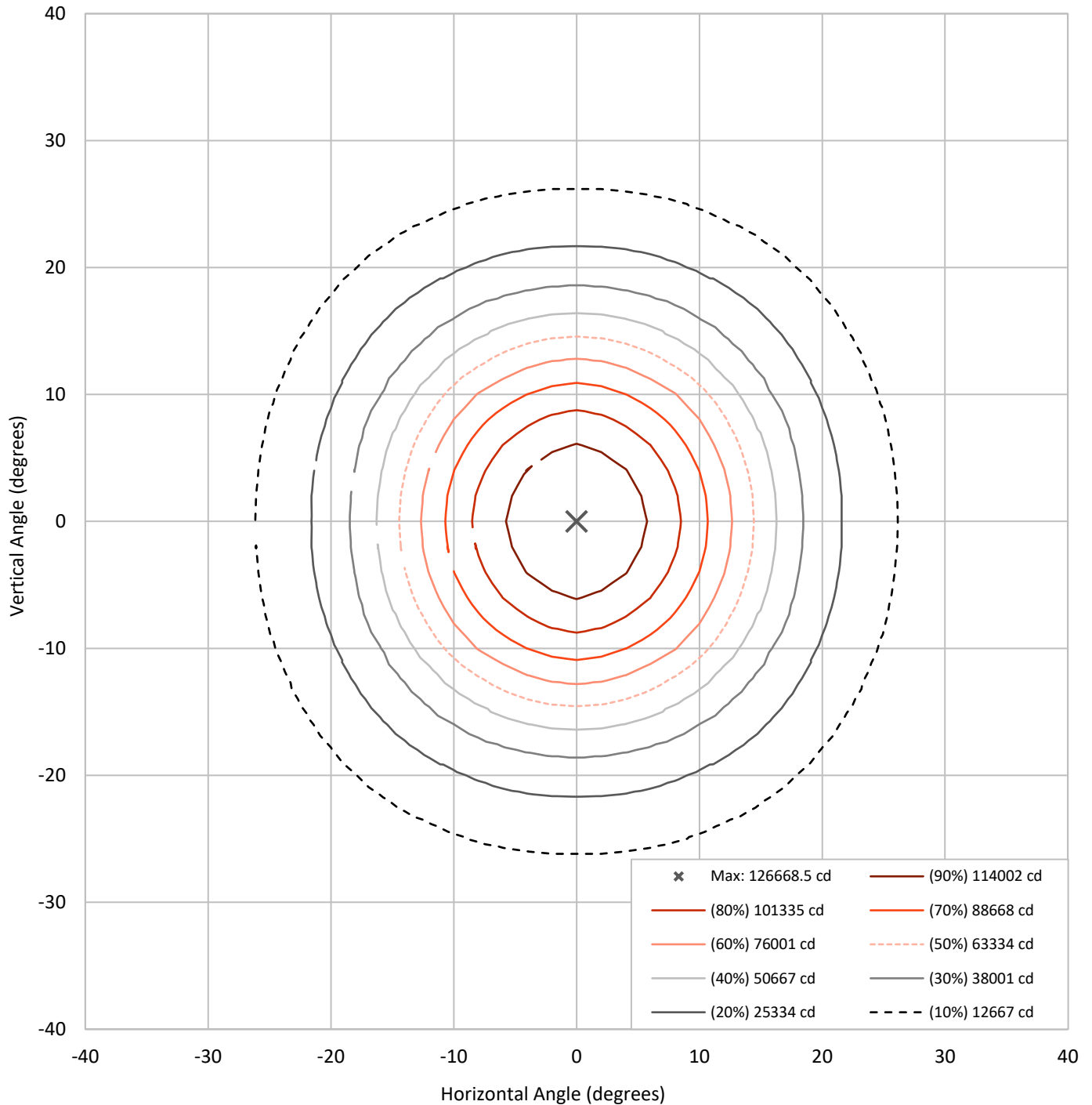
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	39575.6 lumens	Max Intensity:	126668.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	19241.1 lumens	Field Lumens:	32471.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	313.7		
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





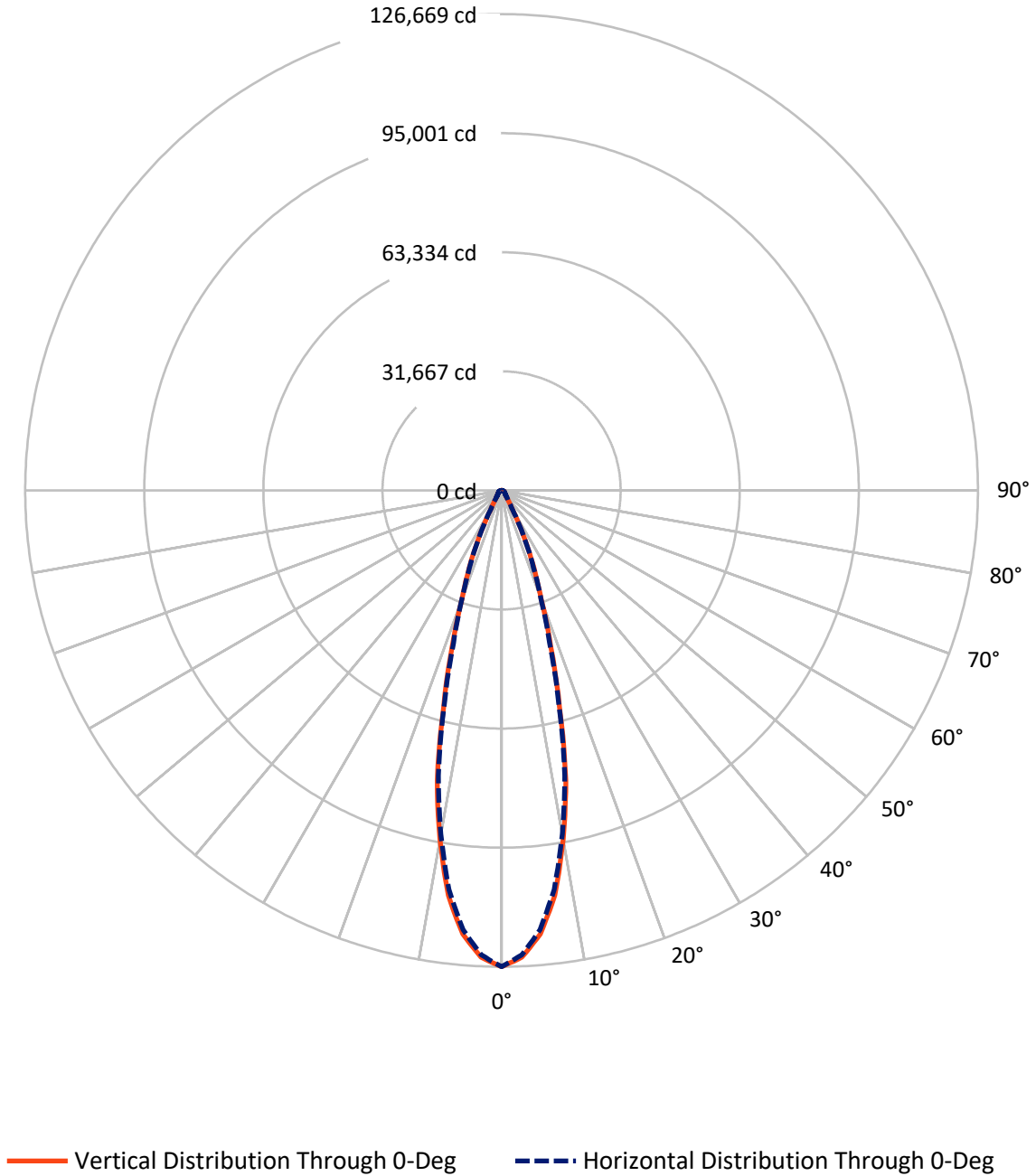
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Lumen Table

90	0.8	6.5		17.2		27.2		30.2		27.2		17.2		6.5		0.8			
80	0.8	6.5		17.2		27.2		30.2		27.2		17.2		6.5		0.8			
70	3.0	3.4	6.9	11.2	15.6	19.2	21.4	22.5	22.5	21.4	19.2	15.6	11.2	6.9	3.4	3.0			
60		5.1	10.2	16.5	22.1	27.2	30.5	31.7	31.7	30.5	27.2	22.1	16.5	10.2	5.1				
50	5.2	6.5	13.1	20.4	27.1	34.3	40.3	43.3	43.3	40.3	34.3	27.1	20.4	13.1	6.5	5.2			
40		7.6	15.4	23.5	33.2	47.4	68.6	89.1	89.1	68.6	47.4	33.2	23.5	15.4	7.6				
30	6.7	8.6	16.8	26.5	42.6	92.5	260.5	462.0	462.0	260.5	92.5	42.6	26.5	16.8	8.6	6.7			
20		9.2	17.7	28.8	58.0	242.9	865.7	1658.9	1658.9	865.7	242.9	58.0	28.8	17.7	9.2				
10	7.2	9.5	18.0	30.3	73.6	419.3	1602.4	3151.8	3151.8	1602.4	419.3	73.6	30.3	18.0	9.5	7.2			
0		9.5	18.0	30.3	73.6	419.3	1602.4	3151.8	3151.8	1602.4	419.3	73.6	30.3	18.0	9.5				
-10	6.7	9.2	17.7	28.8	58.0	242.9	865.7	1658.9	1658.9	865.7	242.9	58.0	28.8	17.7	9.2	6.7			
-20		8.6	16.8	26.5	42.6	92.5	260.5	462.0	462.0	260.5	92.5	42.6	26.5	16.8	8.6				
-30	5.2	7.6	15.4	23.5	33.2	47.4	68.6	89.1	89.1	68.6	47.4	33.2	23.5	15.4	7.6	5.2			
-40		6.5	13.1	20.4	27.1	34.3	40.3	43.3	43.3	40.3	34.3	27.1	20.4	13.1	6.5				
-50	3.0	5.1	10.2	16.5	22.1	27.2	30.5	31.7	31.7	30.5	27.2	22.1	16.5	10.2	5.1	3.0			
-60		3.4	6.9	11.2	15.6	19.2	21.4	22.5	22.5	21.4	19.2	15.6	11.2	6.9	3.4				
-70	0.8	6.5		17.2		27.2		30.2		27.2		17.2		6.5		0.8			
-80		6.5		17.2		27.2		30.2		27.2		17.2		6.5					
-90	0.8	6.5		17.2		27.2		30.2		27.2		17.2		6.5		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

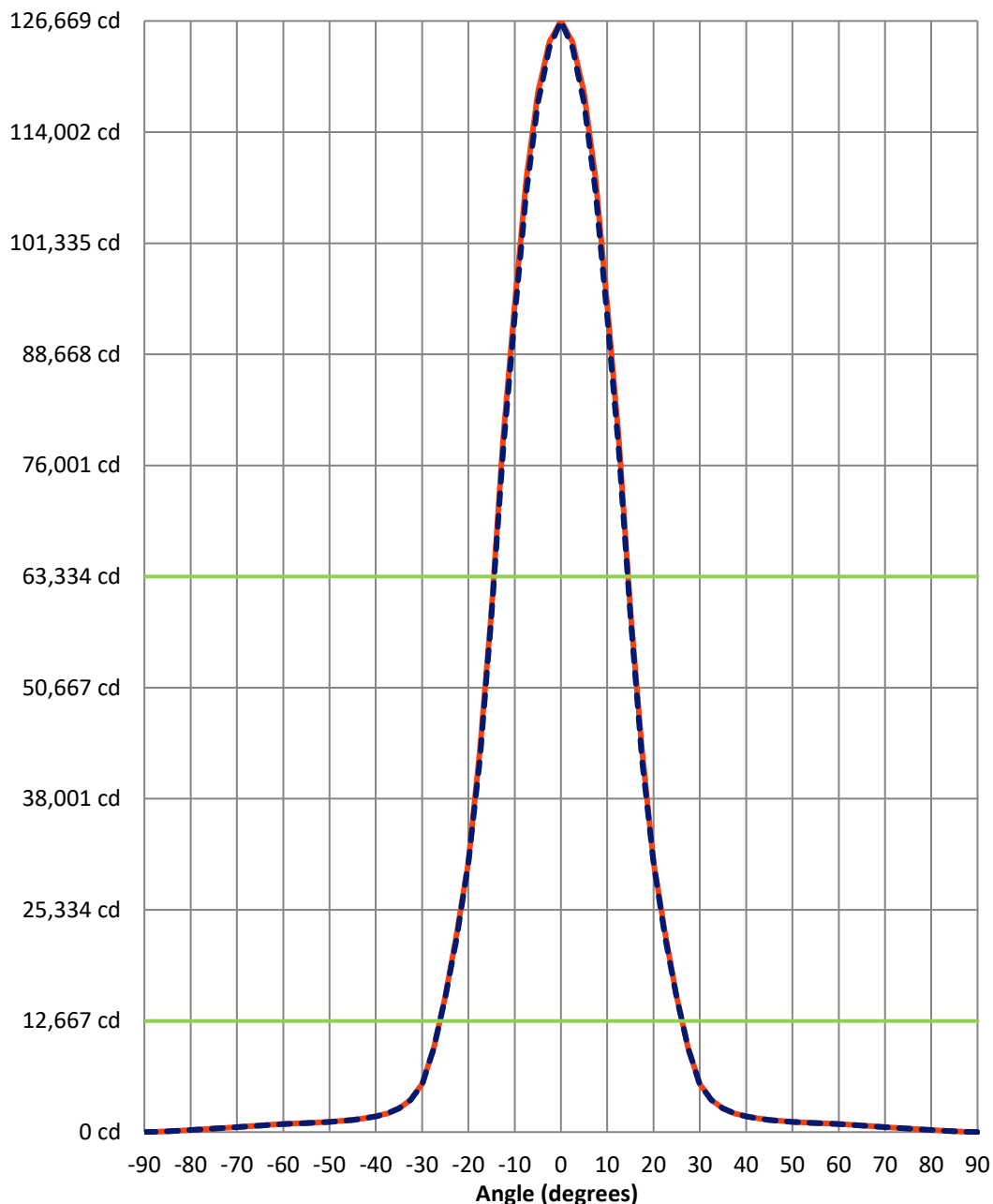
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 19241.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 32471.2
 Efficiency: 82.0%

Spill:
 Lumens: 7104.4
 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	1.4	2.8	4.2	5.6	7.0	8.4	9.8	11.1	12.4	13.7
85°	0.0	2.8	5.7	8.5	11.3	14.1	16.8	19.5	22.2	24.8	27.4
82.5°	0.0	4.2	8.5	12.7	16.9	21.0	25.2	29.2	33.9	41.6	49.7
80°	0.0	5.6	11.3	16.9	22.5	28.0	34.2	44.1	54.5	65.4	76.8
77.5°	0.0	7.0	14.1	21.0	28.0	36.7	48.7	61.4	74.8	88.9	104.4
75°	0.0	8.4	16.8	25.2	34.2	48.7	63.0	78.4	95.3	115.0	134.4
72.5°	0.0	9.8	19.5	29.2	43.7	60.5	77.2	96.3	119.2	141.8	164.1
70°	0.0	11.1	22.2	33.8	53.1	72.2	91.7	117.1	142.9	168.4	196.0
67.5°	0.0	12.4	24.8	40.8	62.3	83.7	109.4	137.5	166.2	197.4	228.2
65°	0.0	13.7	27.4	47.6	71.4	96.7	126.9	157.5	191.6	225.9	260.5
62.5°	0.0	15.0	30.0	54.2	80.3	110.9	144.0	178.8	216.6	254.2	293.8
60°	0.0	16.2	32.5	60.8	89.0	124.9	160.7	200.1	241.0	282.9	326.1
57.5°	0.0	17.5	36.7	67.1	99.8	138.5	178.3	221.0	265.2	310.6	358.1
55°	0.0	18.6	40.8	73.3	110.4	151.8	195.5	241.3	288.6	337.7	389.5
52.5°	0.0	19.8	44.8	79.3	120.7	164.8	212.0	260.9	311.1	365.2	420.0
50°	0.0	20.9	48.7	85.1	130.6	177.9	227.8	280.0	333.3	391.7	448.2
47.5°	0.0	22.0	52.4	91.1	140.3	190.5	243.1	298.3	356.0	417.3	474.9
45°	0.0	23.0	56.0	98.1	149.5	202.4	258.2	316.0	378.0	439.9	500.2
42.5°	0.0	24.0	59.5	104.7	158.4	213.8	272.6	333.6	398.8	461.2	523.4
40°	0.0	24.9	62.7	110.9	166.9	224.5	286.4	350.7	417.9	481.1	545.3
37.5°	0.0	25.8	65.8	116.8	175.0	234.6	299.4	366.7	434.8	500.3	566.0
35°	0.0	26.6	68.8	122.2	182.6	244.5	311.7	381.6	450.8	518.3	585.5
32.5°	0.0	27.4	71.5	127.2	189.7	254.1	323.3	395.4	465.7	535.2	604.4
30°	0.0	28.1	74.1	131.9	196.3	263.0	334.3	407.9	479.6	550.9	622.0
27.5°	0.0	28.8	76.5	136.0	202.2	271.2	344.4	419.0	492.3	565.4	638.2
25°	0.0	29.5	78.7	139.8	207.7	278.8	353.5	429.1	503.9	578.6	653.1
22.5°	0.0	30.0	80.7	143.2	212.7	285.6	361.6	438.2	514.4	590.5	667.9
20°	0.0	30.5	82.5	146.1	217.4	291.5	368.7	446.3	523.7	601.0	681.1
17.5°	0.0	31.0	84.1	148.6	221.5	296.5	375.1	453.2	531.7	610.1	692.6
15°	0.0	31.4	85.5	150.6	225.2	300.7	381.1	459.7	538.6	617.9	702.4
12.5°	0.0	31.7	86.7	152.3	228.4	304.1	386.2	465.8	544.9	624.2	710.4
10°	0.0	32.0	87.7	153.5	231.0	306.6	390.5	470.8	550.7	631.8	717.9
7.5°	0.0	32.2	88.4	154.4	233.1	308.4	393.9	474.7	555.2	638.6	726.1
5°	0.0	32.4	89.0	154.8	234.6	309.3	396.4	477.5	558.4	644.0	732.5
2.5°	0.0	32.5	89.3	154.8	235.5	309.5	397.9	479.1	560.4	648.0	737.1
0°	0.0	32.5	89.4	154.5	235.8	309.0	398.4	479.7	561.0	650.5	739.9
-2.5°	0.0	32.5	89.3	154.8	235.5	309.5	397.9	479.1	560.4	648.0	737.1
-5°	0.0	32.4	89.0	154.8	234.6	309.3	396.4	477.5	558.4	644.0	732.5
-7.5°	0.0	32.2	88.4	154.4	233.1	308.4	393.9	474.7	555.2	638.6	726.1
-10°	0.0	32.0	87.7	153.5	231.0	306.6	390.5	470.8	550.7	631.8	717.9
-12.5°	0.0	31.7	86.7	152.3	228.4	304.1	386.2	465.8	544.9	624.2	710.4
-15°	0.0	31.4	85.5	150.6	225.2	300.7	381.1	459.7	538.6	617.9	702.4
-17.5°	0.0	31.0	84.1	148.6	221.5	296.5	375.1	453.2	531.7	610.1	692.6
-20°	0.0	30.5	82.5	146.1	217.4	291.5	368.7	446.3	523.7	601.0	681.1

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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	30.0	80.7	143.2	212.7	285.6	361.6	438.2	514.4	590.5	667.9
-25°	0.0	29.5	78.7	139.8	207.7	278.8	353.5	429.1	503.9	578.6	653.1
-27.5°	0.0	28.8	76.5	136.0	202.2	271.2	344.4	419.0	492.3	565.4	638.2
-30°	0.0	28.1	74.1	131.9	196.3	263.0	334.3	407.9	479.6	550.9	622.0
-32.5°	0.0	27.4	71.5	127.2	189.7	254.1	323.3	395.4	465.7	535.2	604.4
-35°	0.0	26.6	68.8	122.2	182.6	244.5	311.7	381.6	450.8	518.3	585.5
-37.5°	0.0	25.8	65.8	116.8	175.0	234.6	299.4	366.7	434.8	500.3	566.0
-40°	0.0	24.9	62.7	110.9	166.9	224.5	286.4	350.7	417.9	481.1	545.3
-42.5°	0.0	24.0	59.5	104.7	158.4	213.8	272.6	333.6	398.8	461.2	523.4
-45°	0.0	23.0	56.0	98.1	149.5	202.4	258.2	316.0	378.0	439.9	500.2
-47.5°	0.0	22.0	52.4	91.1	140.3	190.5	243.1	298.3	356.0	417.3	474.9
-50°	0.0	20.9	48.7	85.1	130.6	177.9	227.8	280.0	333.3	391.7	448.2
-52.5°	0.0	19.8	44.8	79.3	120.7	164.8	212.0	260.9	311.1	365.2	420.0
-55°	0.0	18.6	40.8	73.3	110.4	151.8	195.5	241.3	288.6	337.7	389.5
-57.5°	0.0	17.5	36.7	67.1	99.8	138.5	178.3	221.0	265.2	310.6	358.1
-60°	0.0	16.2	32.5	60.8	89.0	124.9	160.7	200.1	241.0	282.9	326.1
-62.5°	0.0	15.0	30.0	54.2	80.3	110.9	144.0	178.8	216.6	254.2	293.8
-65°	0.0	13.7	27.4	47.6	71.4	96.7	126.9	157.5	191.6	225.9	260.5
-67.5°	0.0	12.4	24.8	40.8	62.3	83.7	109.4	137.5	166.2	197.4	228.2
-70°	0.0	11.1	22.2	33.8	53.1	72.2	91.7	117.1	142.9	168.4	196.0
-72.5°	0.0	9.8	19.5	29.2	43.7	60.5	77.2	96.3	119.2	141.8	164.1
-75°	0.0	8.4	16.8	25.2	34.2	48.7	63.0	78.4	95.3	115.0	134.4
-77.5°	0.0	7.0	14.1	21.0	28.0	36.7	48.7	61.4	74.8	88.9	104.4
-80°	0.0	5.6	11.3	16.9	22.5	28.0	34.2	44.1	54.5	65.4	76.8
-82.5°	0.0	4.2	8.5	12.7	16.9	21.0	25.2	29.2	33.9	41.6	49.7
-85°	0.0	2.8	5.7	8.5	11.3	14.1	16.8	19.5	22.2	24.8	27.4
-87.5°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	9.8	11.1	12.4	13.7
-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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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°	15.0	16.2	17.5	18.6	19.8	20.9	22.0	23.0	24.0	24.9	25.8
85°	30.0	32.5	37.3	42.0	46.6	51.0	55.3	59.4	63.3	67.1	70.6
82.5°	57.4	64.8	72.1	79.2	86.1	92.7	99.1	105.3	111.2	116.8	122.1
80°	87.2	97.1	107.1	116.3	125.4	134.2	142.8	151.0	158.8	167.3	176.2
77.5°	118.7	131.3	142.9	153.5	164.9	178.8	192.1	205.0	217.3	229.1	240.2
75°	151.1	165.5	181.4	197.1	213.5	230.1	246.3	261.8	276.9	292.5	308.0
72.5°	185.2	204.9	224.1	242.7	263.3	283.5	302.1	318.9	338.1	359.1	378.5
70°	221.5	244.3	268.3	292.3	315.6	338.1	361.1	384.2	407.5	430.2	451.9
67.5°	257.9	286.5	314.4	341.5	368.0	394.9	422.2	450.1	477.0	502.7	527.7
65°	296.7	328.6	359.8	390.2	419.7	452.6	484.9	516.0	550.1	581.7	609.1
62.5°	334.4	370.1	404.6	439.0	474.8	511.3	548.6	587.8	628.3	657.6	682.7
60°	370.7	410.9	449.4	488.8	528.8	569.9	612.9	654.6	691.6	723.6	750.1
57.5°	406.1	451.2	493.9	536.6	580.3	627.0	674.3	717.0	751.5	782.3	811.3
55°	440.4	490.5	535.8	581.3	630.9	685.7	734.1	772.7	808.0	833.4	861.3
52.5°	473.1	526.6	574.0	625.0	681.8	738.6	786.9	824.3	853.9	880.3	907.4
50°	504.3	558.2	610.8	668.8	728.8	785.8	834.6	869.0	898.8	926.2	952.3
47.5°	532.6	588.6	648.0	710.0	772.8	829.1	875.8	910.9	941.8	970.0	998.7
45°	559.3	619.5	682.6	750.6	814.9	870.6	913.2	950.9	980.6	1012.3	1048.3
42.5°	584.8	649.1	717.7	790.1	855.7	906.7	948.0	984.1	1018.4	1056.6	1096.6
40°	609.9	676.8	751.1	827.1	893.9	938.2	979.6	1017.8	1057.3	1100.6	1144.3
37.5°	633.3	705.2	782.2	861.6	922.1	968.0	1010.7	1053.5	1097.8	1144.3	1198.6
35°	654.8	731.2	812.0	888.8	946.9	997.0	1042.8	1089.1	1138.7	1195.6	1255.5
32.5°	675.7	755.0	839.8	911.8	969.5	1023.0	1073.5	1125.9	1182.7	1245.3	1313.8
30°	696.2	778.2	864.1	935.2	989.6	1044.4	1103.7	1161.9	1225.1	1294.6	1375.1
27.5°	716.2	799.7	884.4	953.5	1007.3	1063.1	1126.6	1197.5	1266.5	1342.6	1435.9
25°	734.5	821.9	904.4	968.1	1022.6	1081.0	1147.3	1222.7	1303.9	1394.4	1508.7
22.5°	751.8	841.9	923.4	980.5	1035.3	1096.5	1167.9	1247.6	1335.9	1440.8	1580.5
20°	768.0	857.5	936.1	992.0	1045.8	1109.0	1185.7	1269.7	1370.5	1497.7	1664.7
17.5°	782.1	870.6	944.8	1001.3	1056.8	1121.8	1201.0	1288.4	1401.6	1547.9	1745.4
15°	794.2	881.4	952.4	1008.6	1066.1	1135.1	1216.5	1311.8	1435.8	1597.0	1815.2
12.5°	804.1	889.8	958.7	1013.7	1073.4	1144.9	1229.8	1334.3	1469.9	1650.6	1909.3
10°	811.9	895.9	963.7	1017.0	1078.5	1151.3	1240.3	1351.9	1497.5	1695.3	1989.9
7.5°	819.5	901.4	967.2	1018.3	1081.5	1154.6	1247.5	1364.3	1517.8	1729.0	2054.1
5°	825.1	906.5	969.3	1021.4	1083.4	1156.0	1252.5	1371.6	1530.4	1751.2	2099.5
2.5°	828.3	909.6	969.4	1023.7	1083.5	1156.7	1258.3	1375.6	1544.5	1769.9	2125.3
0°	829.3	910.6	967.6	1024.5	1081.4	1154.6	1260.3	1374.1	1553.0	1780.6	2130.2
-2.5°	828.3	909.6	969.4	1023.7	1083.5	1156.7	1258.3	1375.6	1544.5	1769.9	2125.3
-5°	825.1	906.5	969.3	1021.4	1083.4	1156.0	1252.5	1371.6	1530.4	1751.2	2099.5
-7.5°	819.5	901.4	967.2	1018.3	1081.5	1154.6	1247.5	1364.3	1517.8	1729.0	2054.1
-10°	811.9	895.9	963.7	1017.0	1078.5	1151.3	1240.3	1351.9	1497.5	1695.3	1989.9
-12.5°	804.1	889.8	958.7	1013.7	1073.4	1144.9	1229.8	1334.3	1469.9	1650.6	1909.3
-15°	794.2	881.4	952.4	1008.6	1066.1	1135.1	1216.5	1311.8	1435.8	1597.0	1815.2
-17.5°	782.1	870.6	944.8	1001.3	1056.8	1121.8	1201.0	1288.4	1401.6	1547.9	1745.4
-20°	768.0	857.5	936.1	992.0	1045.8	1109.0	1185.7	1269.7	1370.5	1497.7	1664.7



REPORT NUMBER: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	751.8	841.9	923.4	980.5	1035.3	1096.5	1167.9	1247.6	1335.9	1440.8	1580.5
-25°	734.5	821.9	904.4	968.1	1022.6	1081.0	1147.3	1222.7	1303.9	1394.4	1508.7
-27.5°	716.2	799.7	884.4	953.5	1007.3	1063.1	1126.6	1197.5	1266.5	1342.6	1435.9
-30°	696.2	778.2	864.1	935.2	989.6	1044.4	1103.7	1161.9	1225.1	1294.6	1375.1
-32.5°	675.7	755.0	839.8	911.8	969.5	1023.0	1073.5	1125.9	1182.7	1245.3	1313.8
-35°	654.8	731.2	812.0	888.8	946.9	997.0	1042.8	1089.1	1138.7	1195.6	1255.5
-37.5°	633.3	705.2	782.2	861.6	922.1	968.0	1010.7	1053.5	1097.8	1144.3	1198.6
-40°	609.9	676.8	751.1	827.1	893.9	938.2	979.6	1017.8	1057.3	1100.6	1144.3
-42.5°	584.8	649.1	717.7	790.1	855.7	906.7	948.0	984.1	1018.4	1056.6	1096.6
-45°	559.3	619.5	682.6	750.6	814.9	870.6	913.2	950.9	980.6	1012.3	1048.3
-47.5°	532.6	588.6	648.0	710.0	772.8	829.1	875.8	910.9	941.8	970.0	998.7
-50°	504.3	558.2	610.8	668.8	728.8	785.8	834.6	869.0	898.8	926.2	952.3
-52.5°	473.1	526.6	574.0	625.0	681.8	738.6	786.9	824.3	853.9	880.3	907.4
-55°	440.4	490.5	535.8	581.3	630.9	685.7	734.1	772.7	808.0	833.4	861.3
-57.5°	406.1	451.2	493.9	536.6	580.3	627.0	674.3	717.0	751.5	782.3	811.3
-60°	370.7	410.9	449.4	488.8	528.8	569.9	612.9	654.6	691.6	723.6	750.1
-62.5°	334.4	370.1	404.6	439.0	474.8	511.3	548.6	587.8	628.3	657.6	682.7
-65°	296.7	328.6	359.8	390.2	419.7	452.6	484.9	516.0	550.1	581.7	609.1
-67.5°	257.9	286.5	314.4	341.5	368.0	394.9	422.2	450.1	477.0	502.7	527.7
-70°	221.5	244.3	268.3	292.3	315.6	338.1	361.1	384.2	407.5	430.2	451.9
-72.5°	185.2	204.9	224.1	242.7	263.3	283.5	302.1	318.9	338.1	359.1	378.5
-75°	151.1	165.5	181.4	197.1	213.5	230.1	246.3	261.8	276.9	292.5	308.0
-77.5°	118.7	131.3	142.9	153.5	164.9	178.8	192.1	205.0	217.3	229.1	240.2
-80°	87.2	97.1	107.1	116.3	125.4	134.2	142.8	151.0	158.8	167.3	176.2
-82.5°	57.4	64.8	72.1	79.2	86.1	92.7	99.1	105.3	111.2	116.8	122.1
-85°	30.0	32.5	37.3	42.0	46.6	51.0	55.3	59.4	63.3	67.1	70.6
-87.5°	15.0	16.2	17.5	18.6	19.8	20.9	22.0	23.0	24.0	24.9	25.8
-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: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	26.6	27.4	28.1	28.8	29.5	30.0	30.5	31.0	31.4	31.7	32.0
85°	74.0	77.2	80.1	82.9	85.4	86.0	86.2	86.0	85.6	86.7	87.7
82.5°	127.2	132.9	138.7	144.4	149.9	152.0	153.5	154.5	155.2	157.4	159.2
80°	184.6	193.6	202.0	209.5	216.1	220.9	225.1	229.1	232.7	234.4	235.2
77.5°	251.5	262.4	272.7	282.2	290.9	297.8	303.4	307.9	311.4	313.6	315.1
75°	323.4	337.3	349.6	361.0	371.5	378.9	384.0	387.7	390.2	393.0	395.1
72.5°	396.0	411.8	426.4	440.2	452.2	460.7	466.7	471.5	475.1	477.8	479.2
70°	472.4	491.2	507.3	521.1	532.0	540.2	546.6	551.8	555.7	558.4	559.9
67.5°	551.5	571.6	586.7	598.7	608.5	617.2	625.1	631.0	634.9	638.8	643.0
65°	632.0	652.4	668.0	680.7	691.1	702.3	712.5	720.1	725.1	729.8	734.4
62.5°	707.7	731.0	748.9	765.6	782.6	798.6	807.9	815.0	820.1	824.6	830.0
60°	776.6	802.8	824.8	845.0	865.8	886.6	895.1	901.9	908.2	914.2	919.6
57.5°	837.7	865.6	892.3	912.3	932.2	951.6	965.0	972.4	977.3	980.1	982.3
55°	890.9	918.8	945.4	968.5	990.0	1010.0	1024.9	1032.1	1037.4	1040.9	1042.9
52.5°	938.5	968.4	996.8	1022.5	1045.7	1067.2	1085.9	1095.8	1103.8	1109.5	1111.3
50°	985.3	1017.7	1048.4	1075.8	1102.8	1128.7	1152.4	1166.1	1175.8	1181.7	1183.6
47.5°	1034.2	1069.3	1102.6	1134.4	1165.1	1195.6	1223.7	1242.5	1256.4	1266.6	1273.9
45°	1085.1	1122.8	1159.6	1197.2	1232.5	1271.8	1307.4	1334.8	1354.9	1372.4	1386.4
42.5°	1136.2	1178.6	1221.0	1269.3	1317.5	1362.3	1404.7	1440.9	1473.9	1506.2	1531.5
40°	1191.9	1238.3	1296.2	1353.5	1412.9	1465.0	1526.8	1582.2	1633.0	1687.9	1733.3
37.5°	1252.8	1312.4	1380.9	1449.6	1526.8	1601.8	1688.1	1773.2	1847.1	1943.2	2020.3
35°	1319.1	1394.6	1475.5	1567.7	1667.3	1784.8	1905.6	2047.4	2167.7	2320.4	2461.3
32.5°	1392.9	1481.8	1586.7	1713.4	1847.9	2036.6	2213.6	2453.9	2659.3	2924.3	3213.7
30°	1468.0	1582.8	1725.6	1889.3	2116.6	2384.5	2696.8	3102.9	3542.3	3996.8	4608.8
27.5°	1557.0	1706.1	1884.4	2137.1	2477.2	2848.0	3484.2	4171.0	5127.9	5885.5	7234.7
25°	1652.9	1837.4	2100.9	2467.1	2937.1	3687.4	4761.2	6004.6	7919.4	9622.6	11580.0
22.5°	1766.4	2017.1	2365.9	2845.5	3664.7	4955.6	6631.7	9185.1	12023.7	14825.3	17385.9
20°	1886.6	2189.5	2677.1	3458.4	4724.5	6591.0	9581.5	13230.2	16998.6	20838.0	24073.6
17.5°	2027.0	2438.2	3080.6	4118.3	5924.7	9120.3	13114.6	17754.1	22677.3	27576.6	31832.2
15°	2147.7	2655.7	3520.8	5075.1	7768.7	11765.9	16675.1	22534.7	28725.8	35083.9	41975.0
12.5°	2301.6	2917.9	3974.3	5866.1	9404.8	14600.2	20607.0	27410.1	34970.3	43412.4	54155.6
10°	2442.8	3192.7	4570.8	7133.5	11371.6	17247.8	24003.4	31721.8	41527.9	54214.3	67173.2
7.5°	2556.0	3410.8	5033.4	8122.4	13021.0	19509.7	27061.5	36315.4	48549.4	63656.1	78462.4
5°	2634.7	3561.8	5364.5	8869.7	14347.8	21238.2	29231.8	39701.8	54467.8	71384.5	86502.8
2.5°	2684.1	3644.5	5526.5	9313.4	15213.2	22278.4	30585.8	41853.9	58095.1	76304.3	91611.0
0°	2707.5	3658.8	5423.2	9529.2	15334.5	22205.0	30709.7	42572.5	58955.9	77640.3	92885.4
-2.5°	2684.1	3644.5	5526.5	9313.4	15213.2	22278.4	30585.8	41853.9	58095.1	76304.3	91611.0
-5°	2634.7	3561.8	5364.5	8869.7	14347.8	21238.2	29231.8	39701.8	54467.8	71384.5	86502.8
-7.5°	2556.0	3410.8	5033.4	8122.4	13021.0	19509.7	27061.5	36315.4	48549.4	63656.1	78462.4
-10°	2442.8	3192.7	4570.8	7133.5	11371.6	17247.8	24003.4	31721.8	41527.9	54214.3	67173.2
-12.5°	2301.6	2917.9	3974.3	5866.1	9404.8	14600.2	20607.0	27410.1	34970.3	43412.4	54155.6
-15°	2147.7	2655.7	3520.8	5075.1	7768.7	11765.9	16675.1	22534.7	28725.8	35083.9	41975.0
-17.5°	2027.0	2438.2	3080.6	4118.3	5924.7	9120.3	13114.6	17754.1	22677.3	27576.6	31832.2
-20°	1886.6	2189.5	2677.1	3458.4	4724.5	6591.0	9581.5	13230.2	16998.6	20838.0	24073.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	1766.4	2017.1	2365.9	2845.5	3664.7	4955.6	6631.7	9185.1	12023.7	14825.3	17385.9
-25°	1652.9	1837.4	2100.9	2467.1	2937.1	3687.4	4761.2	6004.6	7919.4	9622.6	11580.0
-27.5°	1557.0	1706.1	1884.4	2137.1	2477.2	2848.0	3484.2	4171.0	5127.9	5885.5	7234.7
-30°	1468.0	1582.8	1725.6	1889.3	2116.6	2384.5	2696.8	3102.9	3542.3	3996.8	4608.8
-32.5°	1392.9	1481.8	1586.7	1713.4	1847.9	2036.6	2213.6	2453.9	2659.3	2924.3	3213.7
-35°	1319.1	1394.6	1475.5	1567.7	1667.3	1784.8	1905.6	2047.4	2167.7	2320.4	2461.3
-37.5°	1252.8	1312.4	1380.9	1449.6	1526.8	1601.8	1688.1	1773.2	1847.1	1943.2	2020.3
-40°	1191.9	1238.3	1296.2	1353.5	1412.9	1465.0	1526.8	1582.2	1633.0	1687.9	1733.3
-42.5°	1136.2	1178.6	1221.0	1269.3	1317.5	1362.3	1404.7	1440.9	1473.9	1506.2	1531.5
-45°	1085.1	1122.8	1159.6	1197.2	1232.5	1271.8	1307.4	1334.8	1354.9	1372.4	1386.4
-47.5°	1034.2	1069.3	1102.6	1134.4	1165.1	1195.6	1223.7	1242.5	1256.4	1266.6	1273.9
-50°	985.3	1017.7	1048.4	1075.8	1102.8	1128.7	1152.4	1166.1	1175.8	1181.7	1183.6
-52.5°	938.5	968.4	996.8	1022.5	1045.7	1067.2	1085.9	1095.8	1103.8	1109.5	1111.3
-55°	890.9	918.8	945.4	968.5	990.0	1010.0	1024.9	1032.1	1037.4	1040.9	1042.9
-57.5°	837.7	865.6	892.3	912.3	932.2	951.6	965.0	972.4	977.3	980.1	982.3
-60°	776.6	802.8	824.8	845.0	865.8	886.6	895.1	901.9	908.2	914.2	919.6
-62.5°	707.7	731.0	748.9	765.6	782.6	798.6	807.9	815.0	820.1	824.6	830.0
-65°	632.0	652.4	668.0	680.7	691.1	702.3	712.5	720.1	725.1	729.8	734.4
-67.5°	551.5	571.6	586.7	598.7	608.5	617.2	625.1	631.0	634.9	638.8	643.0
-70°	472.4	491.2	507.3	521.1	532.0	540.2	546.6	551.8	555.7	558.4	559.9
-72.5°	396.0	411.8	426.4	440.2	452.2	460.7	466.7	471.5	475.1	477.8	479.2
-75°	323.4	337.3	349.6	361.0	371.5	378.9	384.0	387.7	390.2	393.0	395.1
-77.5°	251.5	262.4	272.7	282.2	290.9	297.8	303.4	307.9	311.4	313.6	315.1
-80°	184.6	193.6	202.0	209.5	216.1	220.9	225.1	229.1	232.7	234.4	235.2
-82.5°	127.2	132.9	138.7	144.4	149.9	152.0	153.5	154.5	155.2	157.4	159.2
-85°	74.0	77.2	80.1	82.9	85.4	86.0	86.2	86.0	85.6	86.7	87.7
-87.5°	26.6	27.4	28.1	28.8	29.5	30.0	30.5	31.0	31.4	31.7	32.0
-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: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	32.2	32.4	32.5	32.5	32.5	32.4	32.2	32.0	31.7	31.4	31.0
85°	88.4	89.0	89.3	89.4	89.3	89.0	88.4	87.7	86.7	85.6	86.0
82.5°	160.7	161.8	162.4	162.6	162.4	161.8	160.7	159.2	157.4	155.2	154.5
80°	235.3	234.7	235.5	235.8	235.5	234.7	235.3	235.2	234.4	232.7	229.1
77.5°	315.7	315.6	316.7	317.1	316.7	315.6	315.7	315.1	313.6	311.4	307.9
75°	396.4	396.6	397.9	398.4	397.9	396.6	396.4	395.1	393.0	390.2	387.7
72.5°	479.2	477.9	479.1	479.7	479.1	477.9	479.2	479.2	477.8	475.1	471.5
70°	560.1	558.9	564.2	569.2	564.2	558.9	560.1	559.9	558.4	555.7	551.8
67.5°	646.0	647.6	653.4	658.6	653.4	647.6	646.0	643.0	638.8	634.9	631.0
65°	736.8	737.1	742.6	748.0	742.6	737.1	736.8	734.4	729.8	725.1	720.1
62.5°	833.1	834.1	839.9	845.6	839.9	834.1	833.1	830.0	824.6	820.1	815.0
60°	922.7	923.7	925.8	926.9	925.8	923.7	922.7	919.6	914.2	908.2	901.9
57.5°	983.0	982.1	983.0	983.8	983.0	982.1	983.0	982.3	980.1	977.3	972.4
55°	1042.5	1039.8	1036.7	1032.6	1036.7	1039.8	1042.5	1042.9	1040.9	1037.4	1032.1
52.5°	1109.9	1105.6	1101.7	1097.6	1101.7	1105.6	1109.9	1111.3	1109.5	1103.8	1095.8
50°	1182.4	1178.6	1174.8	1170.8	1174.8	1178.6	1182.4	1183.6	1181.7	1175.8	1166.1
47.5°	1279.0	1280.7	1279.9	1276.5	1279.9	1280.7	1279.0	1273.9	1266.6	1256.4	1242.5
45°	1396.3	1401.0	1401.6	1398.5	1401.6	1401.0	1396.3	1386.4	1372.4	1354.9	1334.8
42.5°	1549.3	1559.6	1565.3	1569.2	1565.3	1559.6	1549.3	1531.5	1506.2	1473.9	1440.9
40°	1766.3	1787.3	1800.7	1813.2	1800.7	1787.3	1766.3	1733.3	1687.9	1633.0	1582.2
37.5°	2077.4	2115.6	2132.6	2122.1	2132.6	2115.6	2077.4	2020.3	1943.2	1847.1	1773.2
35°	2569.9	2642.4	2680.1	2683.1	2680.1	2642.4	2569.9	2461.3	2320.4	2167.7	2047.4
32.5°	3427.6	3575.9	3655.7	3667.0	3655.7	3575.9	3427.6	3213.7	2924.3	2659.3	2453.9
30°	5077.2	5379.8	5521.9	5488.2	5521.9	5379.8	5077.2	4608.8	3996.8	3542.3	3102.9
27.5°	8283.6	9038.2	9485.5	9521.1	9485.5	9038.2	8283.6	7234.7	5885.5	5127.9	4171.0
25°	13313.6	14602.0	15427.0	15440.2	15427.0	14602.0	13313.6	11580.0	9622.6	7919.4	6004.6
22.5°	19753.7	21512.3	22475.8	22644.1	22475.8	21512.3	19753.7	17385.9	14825.3	12023.7	9185.1
20°	27214.7	29554.2	30805.8	30807.3	30805.8	29554.2	27214.7	24073.6	20838.0	16998.6	13230.2
17.5°	36403.4	40202.1	42586.8	43613.2	42586.8	40202.1	36403.4	31832.2	27576.6	22677.3	17754.1
15°	48610.6	54994.2	58819.4	59508.8	58819.4	54994.2	48610.6	41975.0	35083.9	28725.8	22534.7
12.5°	63474.3	71552.9	76983.4	78973.7	76983.4	71552.9	63474.3	54155.6	43412.4	34970.3	27410.1
10°	78993.4	86478.6	92296.4	94251.3	92296.4	86478.6	78993.4	67173.2	54214.3	41527.9	31721.8
7.5°	90204.6	99130.4	105683.7	108561.4	105683.7	99130.4	90204.6	78462.4	63656.1	48549.4	36315.4
5°	99054.7	109616.3	115716.6	118424.0	115716.6	109616.3	99054.7	86502.8	71384.5	54467.8	39701.8
2.5°	104861.5	115297.3	121757.2	124253.7	121757.2	115297.3	104861.5	91611.0	76304.3	58095.1	41853.9
0°	107032.8	117236.9	123619.5	126668.5	123619.5	117236.9	107032.8	92885.4	77640.3	58955.9	42572.5
-2.5°	104861.5	115297.3	121757.2	124253.7	121757.2	115297.3	104861.5	91611.0	76304.3	58095.1	41853.9
-5°	99054.7	109616.3	115716.6	118424.0	115716.6	109616.3	99054.7	86502.8	71384.5	54467.8	39701.8
-7.5°	90204.6	99130.4	105683.7	108561.4	105683.7	99130.4	90204.6	78462.4	63656.1	48549.4	36315.4
-10°	78993.4	86478.6	92296.4	94251.3	92296.4	86478.6	78993.4	67173.2	54214.3	41527.9	31721.8
-12.5°	63474.3	71552.9	76983.4	78973.7	76983.4	71552.9	63474.3	54155.6	43412.4	34970.3	27410.1
-15°	48610.6	54994.2	58819.4	59508.8	58819.4	54994.2	48610.6	41975.0	35083.9	28725.8	22534.7
-17.5°	36403.4	40202.1	42586.8	43613.2	42586.8	40202.1	36403.4	31832.2	27576.6	22677.3	17754.1
-20°	27214.7	29554.2	30805.8	30807.3	30805.8	29554.2	27214.7	24073.6	20838.0	16998.6	13230.2



REPORT NUMBER: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19753.7	21512.3	22475.8	22644.1	22475.8	21512.3	19753.7	17385.9	14825.3	12023.7	9185.1
-25°	13313.6	14602.0	15427.0	15440.2	15427.0	14602.0	13313.6	11580.0	9622.6	7919.4	6004.6
-27.5°	8283.6	9038.2	9485.5	9521.1	9485.5	9038.2	8283.6	7234.7	5885.5	5127.9	4171.0
-30°	5077.2	5379.8	5521.9	5488.2	5521.9	5379.8	5077.2	4608.8	3996.8	3542.3	3102.9
-32.5°	3427.6	3575.9	3655.7	3667.0	3655.7	3575.9	3427.6	3213.7	2924.3	2659.3	2453.9
-35°	2569.9	2642.4	2680.1	2683.1	2680.1	2642.4	2569.9	2461.3	2320.4	2167.7	2047.4
-37.5°	2077.4	2115.6	2132.6	2122.1	2132.6	2115.6	2077.4	2020.3	1943.2	1847.1	1773.2
-40°	1766.3	1787.3	1800.7	1813.2	1800.7	1787.3	1766.3	1733.3	1687.9	1633.0	1582.2
-42.5°	1549.3	1559.6	1565.3	1569.2	1565.3	1559.6	1549.3	1531.5	1506.2	1473.9	1440.9
-45°	1396.3	1401.0	1401.6	1398.5	1401.6	1401.0	1396.3	1386.4	1372.4	1354.9	1334.8
-47.5°	1279.0	1280.7	1279.9	1276.5	1279.9	1280.7	1279.0	1273.9	1266.6	1256.4	1242.5
-50°	1182.4	1178.6	1174.8	1170.8	1174.8	1178.6	1182.4	1183.6	1181.7	1175.8	1166.1
-52.5°	1109.9	1105.6	1101.7	1097.6	1101.7	1105.6	1109.9	1111.3	1109.5	1103.8	1095.8
-55°	1042.5	1039.8	1036.7	1032.6	1036.7	1039.8	1042.5	1042.9	1040.9	1037.4	1032.1
-57.5°	983.0	982.1	983.0	983.8	983.0	982.1	983.0	982.3	980.1	977.3	972.4
-60°	922.7	923.7	925.8	926.9	925.8	923.7	922.7	919.6	914.2	908.2	901.9
-62.5°	833.1	834.1	839.9	845.6	839.9	834.1	833.1	830.0	824.6	820.1	815.0
-65°	736.8	737.1	742.6	748.0	742.6	737.1	736.8	734.4	729.8	725.1	720.1
-67.5°	646.0	647.6	653.4	658.6	653.4	647.6	646.0	643.0	638.8	634.9	631.0
-70°	560.1	558.9	564.2	569.2	564.2	558.9	560.1	559.9	558.4	555.7	551.8
-72.5°	479.2	477.9	479.1	479.7	479.1	477.9	479.2	479.2	477.8	475.1	471.5
-75°	396.4	396.6	397.9	398.4	397.9	396.6	396.4	395.1	393.0	390.2	387.7
-77.5°	315.7	315.6	316.7	317.1	316.7	315.6	315.7	315.1	313.6	311.4	307.9
-80°	235.3	234.7	235.5	235.8	235.5	234.7	235.3	235.2	234.4	232.7	229.1
-82.5°	160.7	161.8	162.4	162.6	162.4	161.8	160.7	159.2	157.4	155.2	154.5
-85°	88.4	89.0	89.3	89.4	89.3	89.0	88.4	87.7	86.7	85.6	86.0
-87.5°	32.2	32.4	32.5	32.5	32.5	32.4	32.2	32.0	31.7	31.4	31.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	30.5	30.0	29.5	28.8	28.1	27.4	26.6	25.8	24.9	24.0	23.0
85°	86.2	86.0	85.4	82.9	80.1	77.2	74.0	70.6	67.1	63.3	59.4
82.5°	153.5	152.0	149.9	144.4	138.7	132.9	127.2	122.1	116.8	111.2	105.3
80°	225.1	220.9	216.1	209.5	202.0	193.6	184.6	176.2	167.3	158.8	151.0
77.5°	303.4	297.8	290.9	282.2	272.7	262.4	251.5	240.2	229.1	217.3	205.0
75°	384.0	378.9	371.5	361.0	349.6	337.3	323.4	308.0	292.5	276.9	261.8
72.5°	466.7	460.7	452.2	440.2	426.4	411.8	396.0	378.5	359.1	338.1	318.9
70°	546.6	540.2	532.0	521.1	507.3	491.2	472.4	451.9	430.2	407.5	384.2
67.5°	625.1	617.2	608.5	598.7	586.7	571.6	551.5	527.7	502.7	477.0	450.1
65°	712.5	702.3	691.1	680.7	668.0	652.4	632.0	609.1	581.7	550.1	516.0
62.5°	807.9	798.6	782.6	765.6	748.9	731.0	707.7	682.7	657.6	628.3	587.8
60°	895.1	886.6	865.8	845.0	824.8	802.8	776.6	750.1	723.6	691.6	654.6
57.5°	965.0	951.6	932.2	912.3	892.3	865.6	837.7	811.3	782.3	751.5	717.0
55°	1024.9	1010.0	990.0	968.5	945.4	918.8	890.9	861.3	833.4	808.0	772.7
52.5°	1085.9	1067.2	1045.7	1022.5	996.8	968.4	938.5	907.4	880.3	853.9	824.3
50°	1152.4	1128.7	1102.8	1075.8	1048.4	1017.7	985.3	952.3	926.2	898.8	869.0
47.5°	1223.7	1195.6	1165.1	1134.4	1102.6	1069.3	1034.2	998.7	970.0	941.8	910.9
45°	1307.4	1271.8	1232.5	1197.2	1159.6	1122.8	1085.1	1048.3	1012.3	980.6	950.9
42.5°	1404.7	1362.3	1317.5	1269.3	1221.0	1178.6	1136.2	1096.6	1056.6	1018.4	984.1
40°	1526.8	1465.0	1412.9	1353.5	1296.2	1238.3	1191.9	1144.3	1100.6	1057.3	1017.8
37.5°	1688.1	1601.8	1526.8	1449.6	1380.9	1312.4	1252.8	1198.6	1144.3	1097.8	1053.5
35°	1905.6	1784.8	1667.3	1567.7	1475.5	1394.6	1319.1	1255.5	1195.6	1138.7	1089.1
32.5°	2213.6	2036.6	1847.9	1713.4	1586.7	1481.8	1392.9	1313.8	1245.3	1182.7	1125.9
30°	2696.8	2384.5	2116.6	1889.3	1725.6	1582.8	1468.0	1375.1	1294.6	1225.1	1161.9
27.5°	3484.2	2848.0	2477.2	2137.1	1884.4	1706.1	1557.0	1435.9	1342.6	1266.5	1197.5
25°	4761.2	3687.4	2937.1	2467.1	2100.9	1837.4	1652.9	1508.7	1394.4	1303.9	1222.7
22.5°	6631.7	4955.6	3664.7	2845.5	2365.9	2017.1	1766.4	1580.5	1440.8	1335.9	1247.6
20°	9581.5	6591.0	4724.5	3458.4	2677.1	2189.5	1886.6	1664.7	1497.7	1370.5	1269.7
17.5°	13114.6	9120.3	5924.7	4118.3	3080.6	2438.2	2027.0	1745.4	1547.9	1401.6	1288.4
15°	16675.1	11765.9	7768.7	5075.1	3520.8	2655.7	2147.7	1815.2	1597.0	1435.8	1311.8
12.5°	20607.0	14600.2	9404.8	5866.1	3974.3	2917.9	2301.6	1909.3	1650.6	1469.9	1334.3
10°	24003.4	17247.8	11371.6	7133.5	4570.8	3192.7	2442.8	1989.9	1695.3	1497.5	1351.9
7.5°	27061.5	19509.7	13021.0	8122.4	5033.4	3410.8	2556.0	2054.1	1729.0	1517.8	1364.3
5°	29231.8	21238.2	14347.8	8869.7	5364.5	3561.8	2634.7	2099.5	1751.2	1530.4	1371.6
2.5°	30585.8	22278.4	15213.2	9313.4	5526.5	3644.5	2684.1	2125.3	1769.9	1544.5	1375.6
0°	30709.7	22205.0	15334.5	9529.2	5423.2	3658.8	2707.5	2130.2	1780.6	1553.0	1374.1
-2.5°	30585.8	22278.4	15213.2	9313.4	5526.5	3644.5	2684.1	2125.3	1769.9	1544.5	1375.6
-5°	29231.8	21238.2	14347.8	8869.7	5364.5	3561.8	2634.7	2099.5	1751.2	1530.4	1371.6
-7.5°	27061.5	19509.7	13021.0	8122.4	5033.4	3410.8	2556.0	2054.1	1729.0	1517.8	1364.3
-10°	24003.4	17247.8	11371.6	7133.5	4570.8	3192.7	2442.8	1989.9	1695.3	1497.5	1351.9
-12.5°	20607.0	14600.2	9404.8	5866.1	3974.3	2917.9	2301.6	1909.3	1650.6	1469.9	1334.3
-15°	16675.1	11765.9	7768.7	5075.1	3520.8	2655.7	2147.7	1815.2	1597.0	1435.8	1311.8
-17.5°	13114.6	9120.3	5924.7	4118.3	3080.6	2438.2	2027.0	1745.4	1547.9	1401.6	1288.4
-20°	9581.5	6591.0	4724.5	3458.4	2677.1	2189.5	1886.6	1664.7	1497.7	1370.5	1269.7



REPORT NUMBER: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	6631.7	4955.6	3664.7	2845.5	2365.9	2017.1	1766.4	1580.5	1440.8	1335.9	1247.6
-25°	4761.2	3687.4	2937.1	2467.1	2100.9	1837.4	1652.9	1508.7	1394.4	1303.9	1222.7
-27.5°	3484.2	2848.0	2477.2	2137.1	1884.4	1706.1	1557.0	1435.9	1342.6	1266.5	1197.5
-30°	2696.8	2384.5	2116.6	1889.3	1725.6	1582.8	1468.0	1375.1	1294.6	1225.1	1161.9
-32.5°	2213.6	2036.6	1847.9	1713.4	1586.7	1481.8	1392.9	1313.8	1245.3	1182.7	1125.9
-35°	1905.6	1784.8	1667.3	1567.7	1475.5	1394.6	1319.1	1255.5	1195.6	1138.7	1089.1
-37.5°	1688.1	1601.8	1526.8	1449.6	1380.9	1312.4	1252.8	1198.6	1144.3	1097.8	1053.5
-40°	1526.8	1465.0	1412.9	1353.5	1296.2	1238.3	1191.9	1144.3	1100.6	1057.3	1017.8
-42.5°	1404.7	1362.3	1317.5	1269.3	1221.0	1178.6	1136.2	1096.6	1056.6	1018.4	984.1
-45°	1307.4	1271.8	1232.5	1197.2	1159.6	1122.8	1085.1	1048.3	1012.3	980.6	950.9
-47.5°	1223.7	1195.6	1165.1	1134.4	1102.6	1069.3	1034.2	998.7	970.0	941.8	910.9
-50°	1152.4	1128.7	1102.8	1075.8	1048.4	1017.7	985.3	952.3	926.2	898.8	869.0
-52.5°	1085.9	1067.2	1045.7	1022.5	996.8	968.4	938.5	907.4	880.3	853.9	824.3
-55°	1024.9	1010.0	990.0	968.5	945.4	918.8	890.9	861.3	833.4	808.0	772.7
-57.5°	965.0	951.6	932.2	912.3	892.3	865.6	837.7	811.3	782.3	751.5	717.0
-60°	895.1	886.6	865.8	845.0	824.8	802.8	776.6	750.1	723.6	691.6	654.6
-62.5°	807.9	798.6	782.6	765.6	748.9	731.0	707.7	682.7	657.6	628.3	587.8
-65°	712.5	702.3	691.1	680.7	668.0	652.4	632.0	609.1	581.7	550.1	516.0
-67.5°	625.1	617.2	608.5	598.7	586.7	571.6	551.5	527.7	502.7	477.0	450.1
-70°	546.6	540.2	532.0	521.1	507.3	491.2	472.4	451.9	430.2	407.5	384.2
-72.5°	466.7	460.7	452.2	440.2	426.4	411.8	396.0	378.5	359.1	338.1	318.9
-75°	384.0	378.9	371.5	361.0	349.6	337.3	323.4	308.0	292.5	276.9	261.8
-77.5°	303.4	297.8	290.9	282.2	272.7	262.4	251.5	240.2	229.1	217.3	205.0
-80°	225.1	220.9	216.1	209.5	202.0	193.6	184.6	176.2	167.3	158.8	151.0
-82.5°	153.5	152.0	149.9	144.4	138.7	132.9	127.2	122.1	116.8	111.2	105.3
-85°	86.2	86.0	85.4	82.9	80.1	77.2	74.0	70.6	67.1	63.3	59.4
-87.5°	30.5	30.0	29.5	28.8	28.1	27.4	26.6	25.8	24.9	24.0	23.0
-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: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	22.0	20.9	19.8	18.6	17.5	16.2	15.0	13.7	12.4	11.1	9.8
85°	55.3	51.0	46.6	42.0	37.3	32.5	30.0	27.4	24.8	22.2	19.5
82.5°	99.1	92.7	86.1	79.2	72.1	64.8	57.4	49.7	41.6	33.9	29.2
80°	142.8	134.2	125.4	116.3	107.1	97.1	87.2	76.8	65.4	54.5	44.1
77.5°	192.1	178.8	164.9	153.5	142.9	131.3	118.7	104.4	88.9	74.8	61.4
75°	246.3	230.1	213.5	197.1	181.4	165.5	151.1	134.4	115.0	95.3	78.4
72.5°	302.1	283.5	263.3	242.7	224.1	204.9	185.2	164.1	141.8	119.2	96.3
70°	361.1	338.1	315.6	292.3	268.3	244.3	221.5	196.0	168.4	142.9	117.1
67.5°	422.2	394.9	368.0	341.5	314.4	286.5	257.9	228.2	197.4	166.2	137.5
65°	484.9	452.6	419.7	390.2	359.8	328.6	296.7	260.5	225.9	191.6	157.5
62.5°	548.6	511.3	474.8	439.0	404.6	370.1	334.4	293.8	254.2	216.6	178.8
60°	612.9	569.9	528.8	488.8	449.4	410.9	370.7	326.1	282.9	241.0	200.1
57.5°	674.3	627.0	580.3	536.6	493.9	451.2	406.1	358.1	310.6	265.2	221.0
55°	734.1	685.7	630.9	581.3	535.8	490.5	440.4	389.5	337.7	288.6	241.3
52.5°	786.9	738.6	681.8	625.0	574.0	526.6	473.1	420.0	365.2	311.1	260.9
50°	834.6	785.8	728.8	668.8	610.8	558.2	504.3	448.2	391.7	333.3	280.0
47.5°	875.8	829.1	772.8	710.0	648.0	588.6	532.6	474.9	417.3	356.0	298.3
45°	913.2	870.6	814.9	750.6	682.6	619.5	559.3	500.2	439.9	378.0	316.0
42.5°	948.0	906.7	855.7	790.1	717.7	649.1	584.8	523.4	461.2	398.8	333.6
40°	979.6	938.2	893.9	827.1	751.1	676.8	609.9	545.3	481.1	417.9	350.7
37.5°	1010.7	968.0	922.1	861.6	782.2	705.2	633.3	566.0	500.3	434.8	366.7
35°	1042.8	997.0	946.9	888.8	812.0	731.2	654.8	585.5	518.3	450.8	381.6
32.5°	1073.5	1023.0	969.5	911.8	839.8	755.0	675.7	604.4	535.2	465.7	395.4
30°	1103.7	1044.4	989.6	935.2	864.1	778.2	696.2	622.0	550.9	479.6	407.9
27.5°	1126.6	1063.1	1007.3	953.5	884.4	799.7	716.2	638.2	565.4	492.3	419.0
25°	1147.3	1081.0	1022.6	968.1	904.4	821.9	734.5	653.1	578.6	503.9	429.1
22.5°	1167.9	1096.5	1035.3	980.5	923.4	841.9	751.8	667.9	590.5	514.4	438.2
20°	1185.7	1109.0	1045.8	992.0	936.1	857.5	768.0	681.1	601.0	523.7	446.3
17.5°	1201.0	1121.8	1056.8	1001.3	944.8	870.6	782.1	692.6	610.1	531.7	453.2
15°	1216.5	1135.1	1066.1	1008.6	952.4	881.4	794.2	702.4	617.9	538.6	459.7
12.5°	1229.8	1144.9	1073.4	1013.7	958.7	889.8	804.1	710.4	624.2	544.9	465.8
10°	1240.3	1151.3	1078.5	1017.0	963.7	895.9	811.9	717.9	631.8	550.7	470.8
7.5°	1247.5	1154.6	1081.5	1018.3	967.2	901.4	819.5	726.1	638.6	555.2	474.7
5°	1252.5	1156.0	1083.4	1021.4	969.3	906.5	825.1	732.5	644.0	558.4	477.5
2.5°	1258.3	1156.7	1083.5	1023.7	969.4	909.6	828.3	737.1	648.0	560.4	479.1
0°	1260.3	1154.6	1081.4	1024.5	967.6	910.6	829.3	739.9	650.5	561.0	479.7
-2.5°	1258.3	1156.7	1083.5	1023.7	969.4	909.6	828.3	737.1	648.0	560.4	479.1
-5°	1252.5	1156.0	1083.4	1021.4	969.3	906.5	825.1	732.5	644.0	558.4	477.5
-7.5°	1247.5	1154.6	1081.5	1018.3	967.2	901.4	819.5	726.1	638.6	555.2	474.7
-10°	1240.3	1151.3	1078.5	1017.0	963.7	895.9	811.9	717.9	631.8	550.7	470.8
-12.5°	1229.8	1144.9	1073.4	1013.7	958.7	889.8	804.1	710.4	624.2	544.9	465.8
-15°	1216.5	1135.1	1066.1	1008.6	952.4	881.4	794.2	702.4	617.9	538.6	459.7
-17.5°	1201.0	1121.8	1056.8	1001.3	944.8	870.6	782.1	692.6	610.1	531.7	453.2
-20°	1185.7	1109.0	1045.8	992.0	936.1	857.5	768.0	681.1	601.0	523.7	446.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	1167.9	1096.5	1035.3	980.5	923.4	841.9	751.8	667.9	590.5	514.4	438.2
-25°	1147.3	1081.0	1022.6	968.1	904.4	821.9	734.5	653.1	578.6	503.9	429.1
-27.5°	1126.6	1063.1	1007.3	953.5	884.4	799.7	716.2	638.2	565.4	492.3	419.0
-30°	1103.7	1044.4	989.6	935.2	864.1	778.2	696.2	622.0	550.9	479.6	407.9
-32.5°	1073.5	1023.0	969.5	911.8	839.8	755.0	675.7	604.4	535.2	465.7	395.4
-35°	1042.8	997.0	946.9	888.8	812.0	731.2	654.8	585.5	518.3	450.8	381.6
-37.5°	1010.7	968.0	922.1	861.6	782.2	705.2	633.3	566.0	500.3	434.8	366.7
-40°	979.6	938.2	893.9	827.1	751.1	676.8	609.9	545.3	481.1	417.9	350.7
-42.5°	948.0	906.7	855.7	790.1	717.7	649.1	584.8	523.4	461.2	398.8	333.6
-45°	913.2	870.6	814.9	750.6	682.6	619.5	559.3	500.2	439.9	378.0	316.0
-47.5°	875.8	829.1	772.8	710.0	648.0	588.6	532.6	474.9	417.3	356.0	298.3
-50°	834.6	785.8	728.8	668.8	610.8	558.2	504.3	448.2	391.7	333.3	280.0
-52.5°	786.9	738.6	681.8	625.0	574.0	526.6	473.1	420.0	365.2	311.1	260.9
-55°	734.1	685.7	630.9	581.3	535.8	490.5	440.4	389.5	337.7	288.6	241.3
-57.5°	674.3	627.0	580.3	536.6	493.9	451.2	406.1	358.1	310.6	265.2	221.0
-60°	612.9	569.9	528.8	488.8	449.4	410.9	370.7	326.1	282.9	241.0	200.1
-62.5°	548.6	511.3	474.8	439.0	404.6	370.1	334.4	293.8	254.2	216.6	178.8
-65°	484.9	452.6	419.7	390.2	359.8	328.6	296.7	260.5	225.9	191.6	157.5
-67.5°	422.2	394.9	368.0	341.5	314.4	286.5	257.9	228.2	197.4	166.2	137.5
-70°	361.1	338.1	315.6	292.3	268.3	244.3	221.5	196.0	168.4	142.9	117.1
-72.5°	302.1	283.5	263.3	242.7	224.1	204.9	185.2	164.1	141.8	119.2	96.3
-75°	246.3	230.1	213.5	197.1	181.4	165.5	151.1	134.4	115.0	95.3	78.4
-77.5°	192.1	178.8	164.9	153.5	142.9	131.3	118.7	104.4	88.9	74.8	61.4
-80°	142.8	134.2	125.4	116.3	107.1	97.1	87.2	76.8	65.4	54.5	44.1
-82.5°	99.1	92.7	86.1	79.2	72.1	64.8	57.4	49.7	41.6	33.9	29.2
-85°	55.3	51.0	46.6	42.0	37.3	32.5	30.0	27.4	24.8	22.2	19.5
-87.5°	22.0	20.9	19.8	18.6	17.5	16.2	15.0	13.7	12.4	11.1	9.8
-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: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	8.4	7.0	5.6	4.2	2.8	1.4	0.0
85°	16.8	14.1	11.3	8.5	5.7	2.8	0.0
82.5°	25.2	21.0	16.9	12.7	8.5	4.2	0.0
80°	34.2	28.0	22.5	16.9	11.3	5.6	0.0
77.5°	48.7	36.7	28.0	21.0	14.1	7.0	0.0
75°	63.0	48.7	34.2	25.2	16.8	8.4	0.0
72.5°	77.2	60.5	43.7	29.2	19.5	9.8	0.0
70°	91.7	72.2	53.1	33.8	22.2	11.1	0.0
67.5°	109.4	83.7	62.3	40.8	24.8	12.4	0.0
65°	126.9	96.7	71.4	47.6	27.4	13.7	0.0
62.5°	144.0	110.9	80.3	54.2	30.0	15.0	0.0
60°	160.7	124.9	89.0	60.8	32.5	16.2	0.0
57.5°	178.3	138.5	99.8	67.1	36.7	17.5	0.0
55°	195.5	151.8	110.4	73.3	40.8	18.6	0.0
52.5°	212.0	164.8	120.7	79.3	44.8	19.8	0.0
50°	227.8	177.9	130.6	85.1	48.7	20.9	0.0
47.5°	243.1	190.5	140.3	91.1	52.4	22.0	0.0
45°	258.2	202.4	149.5	98.1	56.0	23.0	0.0
42.5°	272.6	213.8	158.4	104.7	59.5	24.0	0.0
40°	286.4	224.5	166.9	110.9	62.7	24.9	0.0
37.5°	299.4	234.6	175.0	116.8	65.8	25.8	0.0
35°	311.7	244.5	182.6	122.2	68.8	26.6	0.0
32.5°	323.3	254.1	189.7	127.2	71.5	27.4	0.0
30°	334.3	263.0	196.3	131.9	74.1	28.1	0.0
27.5°	344.4	271.2	202.2	136.0	76.5	28.8	0.0
25°	353.5	278.8	207.7	139.8	78.7	29.5	0.0
22.5°	361.6	285.6	212.7	143.2	80.7	30.0	0.0
20°	368.7	291.5	217.4	146.1	82.5	30.5	0.0
17.5°	375.1	296.5	221.5	148.6	84.1	31.0	0.0
15°	381.1	300.7	225.2	150.6	85.5	31.4	0.0
12.5°	386.2	304.1	228.4	152.3	86.7	31.7	0.0
10°	390.5	306.6	231.0	153.5	87.7	32.0	0.0
7.5°	393.9	308.4	233.1	154.4	88.4	32.2	0.0
5°	396.4	309.3	234.6	154.8	89.0	32.4	0.0
2.5°	397.9	309.5	235.5	154.8	89.3	32.5	0.0
0°	398.4	309.0	235.8	154.5	89.4	32.5	0.0
-2.5°	397.9	309.5	235.5	154.8	89.3	32.5	0.0
-5°	396.4	309.3	234.6	154.8	89.0	32.4	0.0
-7.5°	393.9	308.4	233.1	154.4	88.4	32.2	0.0
-10°	390.5	306.6	231.0	153.5	87.7	32.0	0.0
-12.5°	386.2	304.1	228.4	152.3	86.7	31.7	0.0
-15°	381.1	300.7	225.2	150.6	85.5	31.4	0.0
-17.5°	375.1	296.5	221.5	148.6	84.1	31.0	0.0
-20°	368.7	291.5	217.4	146.1	82.5	30.5	0.0

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Scaled Data Report



REPORT NUMBER: P627745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	361.6	285.6	212.7	143.2	80.7	30.0	0.0
-25°	353.5	278.8	207.7	139.8	78.7	29.5	0.0
-27.5°	344.4	271.2	202.2	136.0	76.5	28.8	0.0
-30°	334.3	263.0	196.3	131.9	74.1	28.1	0.0
-32.5°	323.3	254.1	189.7	127.2	71.5	27.4	0.0
-35°	311.7	244.5	182.6	122.2	68.8	26.6	0.0
-37.5°	299.4	234.6	175.0	116.8	65.8	25.8	0.0
-40°	286.4	224.5	166.9	110.9	62.7	24.9	0.0
-42.5°	272.6	213.8	158.4	104.7	59.5	24.0	0.0
-45°	258.2	202.4	149.5	98.1	56.0	23.0	0.0
-47.5°	243.1	190.5	140.3	91.1	52.4	22.0	0.0
-50°	227.8	177.9	130.6	85.1	48.7	20.9	0.0
-52.5°	212.0	164.8	120.7	79.3	44.8	19.8	0.0
-55°	195.5	151.8	110.4	73.3	40.8	18.6	0.0
-57.5°	178.3	138.5	99.8	67.1	36.7	17.5	0.0
-60°	160.7	124.9	89.0	60.8	32.5	16.2	0.0
-62.5°	144.0	110.9	80.3	54.2	30.0	15.0	0.0
-65°	126.9	96.7	71.4	47.6	27.4	13.7	0.0
-67.5°	109.4	83.7	62.3	40.8	24.8	12.4	0.0
-70°	91.7	72.2	53.1	33.8	22.2	11.1	0.0
-72.5°	77.2	60.5	43.7	29.2	19.5	9.8	0.0
-75°	63.0	48.7	34.2	25.2	16.8	8.4	0.0
-77.5°	48.7	36.7	28.0	21.0	14.1	7.0	0.0
-80°	34.2	28.0	22.5	16.9	11.3	5.6	0.0
-82.5°	25.2	21.0	16.9	12.7	8.5	4.2	0.0
-85°	16.8	14.1	11.3	8.5	5.7	2.8	0.0
-87.5°	8.4	7.0	5.6	4.2	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)