

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: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-727-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N136
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

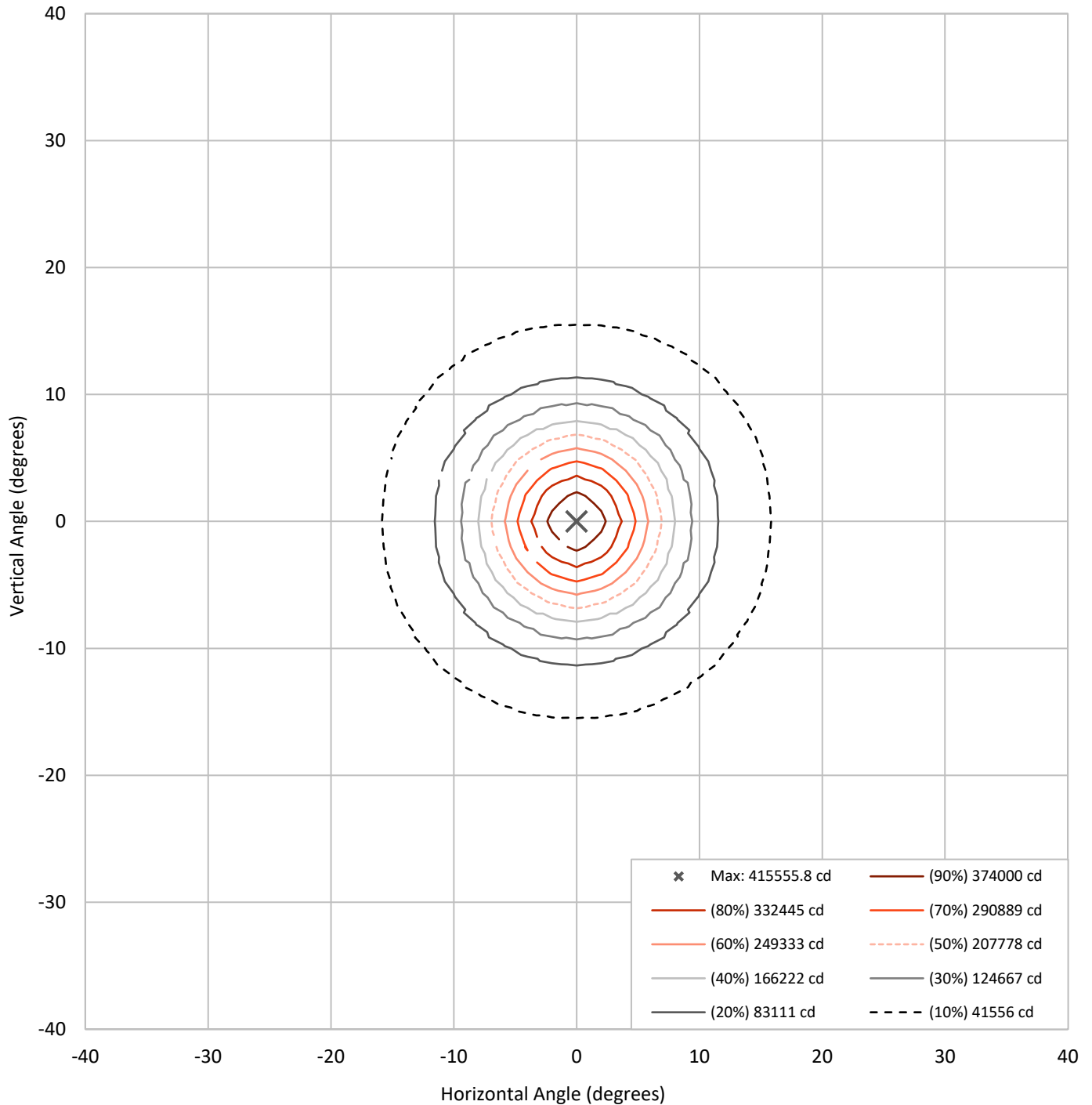
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	44125.9 lumens	Max Intensity:	41555.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	13046.1 lumens	Field Lumens:	29359 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	376.7		
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





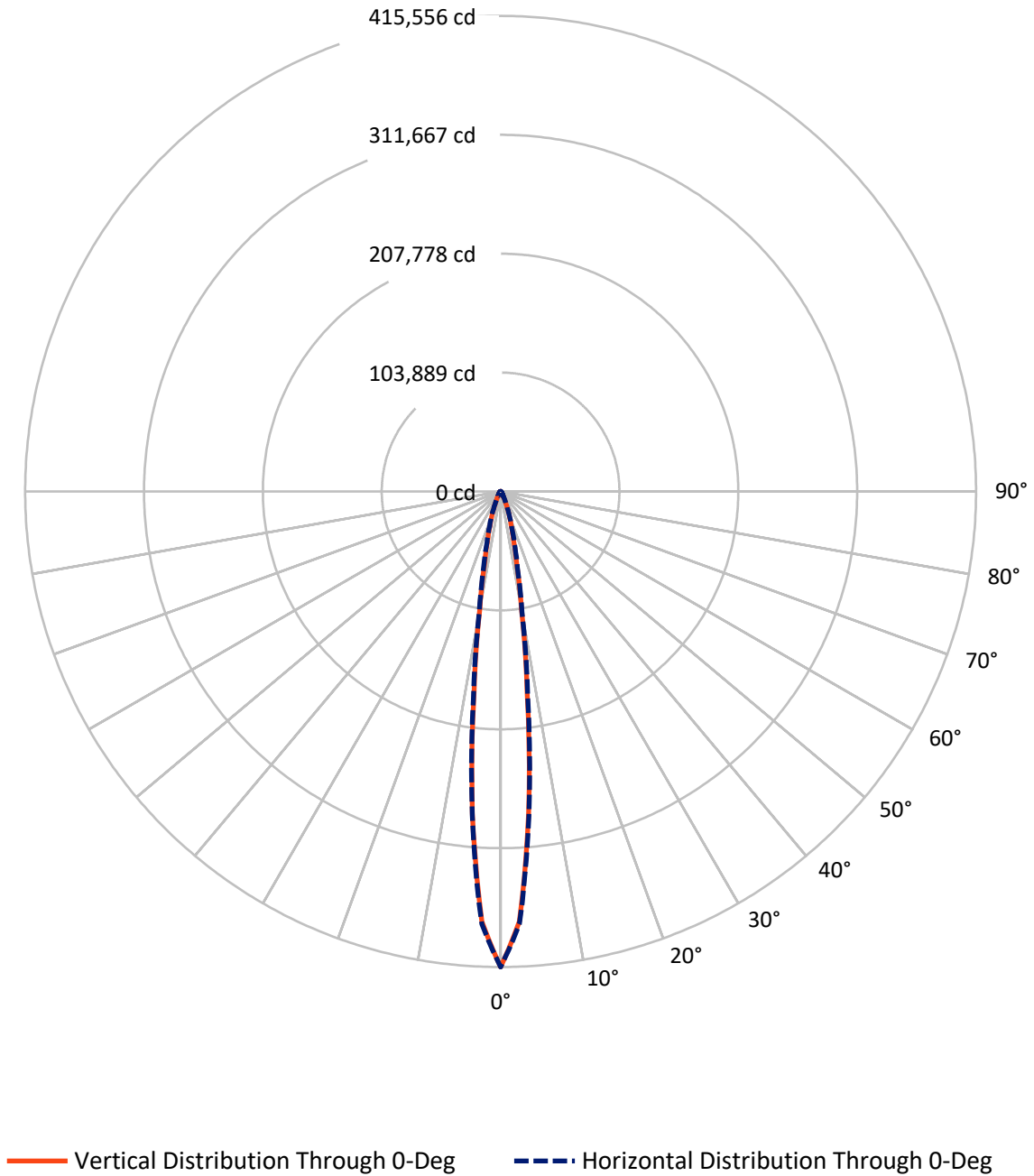
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Lumen Table

90	0.8	6.0		15.9		25.7		28.0		25.7		15.9		6.0		0.8			
80	0.8	6.0		15.9		25.7		28.0		25.7		15.9		6.0		0.8			
70	2.7	3.1	6.4	10.4	14.8	18.1	20.4	21.3	21.3	20.4	18.1	14.8	10.4	6.4	3.1	2.7			
60		4.7	9.6	15.5	20.9	25.4	28.5	29.7	29.7	28.5	25.4	20.9	15.5	9.6	4.7				
50	4.8	6.1	12.4	19.2	25.5	32.1	37.8	40.7	40.7	37.8	32.1	25.5	19.2	12.4	6.1	4.8			
40		7.4	14.6	22.1	31.4	45.1	63.6	78.7	78.7	63.6	45.1	31.4	22.1	14.6	7.4				
30	6.2	8.3	15.9	25.0	40.6	80.6	183.6	303.9	303.9	183.6	80.6	40.6	25.0	15.9	8.3	6.2			
20		8.9	16.8	27.5	53.9	171.2	607.9	1309.3	1309.3	607.9	171.2	53.9	27.5	16.8	8.9				
10	6.7	9.2	17.1	29.2	65.2	282.1	1321.5	5708.7	5708.7	1321.5	282.1	65.2	29.2	17.1	9.2	6.7			
0		9.2	17.1	29.2	65.2	282.1	1321.5	5708.7	5708.7	1321.5	282.1	65.2	29.2	17.1	9.2				
-10	6.2	8.9	16.8	27.5	53.9	171.2	607.9	1309.3	1309.3	607.9	171.2	53.9	27.5	16.8	8.9	6.2			
-20		8.3	15.9	25.0	40.6	80.6	183.6	303.9	303.9	183.6	80.6	40.6	25.0	15.9	8.3				
-30	4.8	7.4	14.6	22.1	31.4	45.1	63.6	78.7	78.7	63.6	45.1	31.4	22.1	14.6	7.4	4.8			
-40		6.1	12.4	19.2	25.5	32.1	37.8	40.7	40.7	37.8	32.1	25.5	19.2	12.4	6.1				
-50	2.7	4.7	9.6	15.5	20.9	25.4	28.5	29.7	29.7	28.5	25.4	20.9	15.5	9.6	4.7	2.7			
-60		3.1	6.4	10.4	14.8	18.1	20.4	21.3	21.3	20.4	18.1	14.8	10.4	6.4	3.1				
-70	0.8	6.0		15.9		25.7		28.0		25.7		15.9		6.0		0.8			
-80		6.0		15.9		25.7		28.0		25.7		15.9		6.0					
-90	0.8	6.0		15.9		25.7		28.0		25.7		15.9		6.0		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

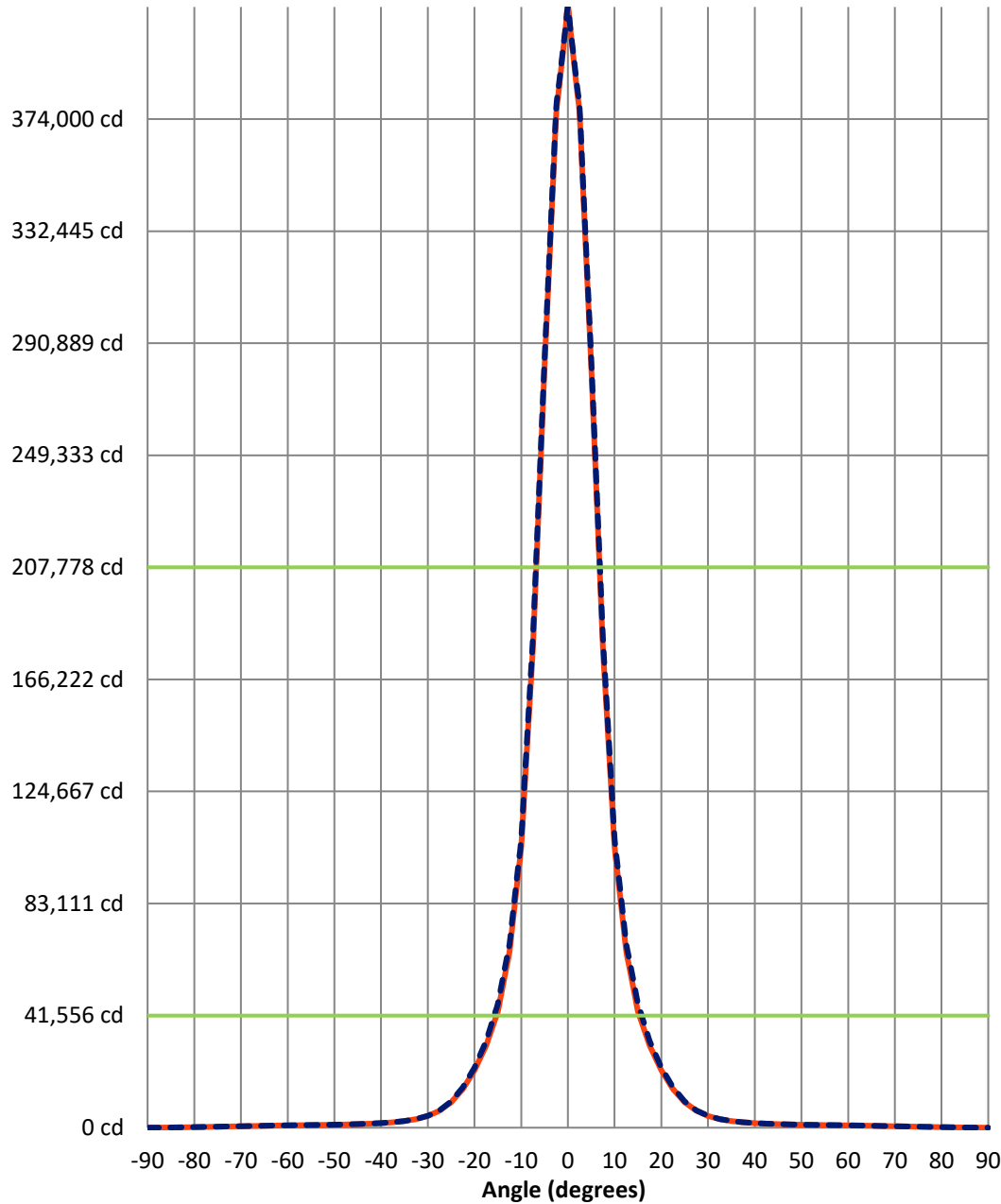
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.7°
V Angle: 13.6°
Lumens: 13046.1
Efficiency: 29.6%

Field:
H Angle: 31.6°
V Angle: 30.6°
Lumens: 29359
Efficiency: 66.5%

Spill:
Lumens: 14766.9
Efficiency: 33.5%

— 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	3.1	4.6	6.2	7.7	9.2	10.7	12.2	13.6	15.0
85°	0.0	2.7	6.2	9.3	12.3	15.4	18.4	21.4	24.3	27.2	30.1
82.5°	0.0	4.1	9.3	13.9	18.5	23.1	27.6	32.0	36.9	43.4	49.7
80°	0.0	5.4	12.3	18.5	24.6	30.7	37.2	46.1	54.9	63.6	72.1
77.5°	0.0	6.7	15.3	23.1	30.7	39.4	50.7	61.9	72.9	83.7	95.2
75°	0.0	8.0	18.3	27.6	37.1	50.1	64.0	77.5	91.0	106.1	120.9
72.5°	0.0	9.3	21.1	32.0	45.2	60.6	77.1	93.7	111.5	129.1	146.4
70°	0.0	10.6	24.0	36.7	53.1	70.9	90.2	111.5	131.9	152.0	174.5
67.5°	0.0	11.8	26.7	42.3	60.9	80.9	105.1	129.1	152.0	177.6	202.9
65°	0.0	13.0	29.4	47.8	68.5	92.0	119.7	146.4	174.5	202.9	232.7
62.5°	0.0	14.1	31.9	53.2	75.9	103.9	134.1	165.1	196.6	228.6	266.1
60°	0.0	15.3	34.4	58.4	83.0	115.6	148.1	184.1	218.2	257.4	298.5
57.5°	0.0	16.4	37.6	63.4	92.0	127.0	163.4	202.5	241.9	285.2	329.9
55°	0.0	17.4	40.7	68.3	100.8	138.0	178.6	220.2	265.4	312.0	360.2
52.5°	0.0	18.4	43.8	72.9	109.4	149.0	193.3	239.3	288.0	337.8	389.2
50°	0.0	19.4	46.8	77.4	117.7	160.8	207.5	258.0	309.7	362.4	417.0
47.5°	0.0	20.3	49.7	82.1	125.6	172.2	221.4	276.1	330.3	385.8	444.3
45°	0.0	21.1	52.5	87.8	133.2	183.1	236.3	293.4	350.1	409.8	470.9
42.5°	0.0	21.9	55.2	93.2	140.5	193.5	250.4	310.0	369.1	433.1	496.8
40°	0.0	22.6	57.8	98.5	147.9	203.5	263.9	325.8	387.8	455.6	522.0
37.5°	0.0	23.3	60.2	103.7	155.4	212.9	276.7	340.7	406.4	476.6	546.4
35°	0.0	24.0	62.6	108.5	162.5	222.5	288.8	354.9	423.8	496.4	569.9
32.5°	0.0	24.5	64.8	113.1	169.1	231.9	300.1	368.1	439.8	514.9	590.3
30°	0.0	25.0	67.0	117.3	175.3	240.6	310.6	380.6	454.4	532.1	608.9
27.5°	0.0	25.5	68.9	121.2	181.2	248.7	320.4	392.4	467.9	547.9	625.6
25°	0.0	25.9	70.8	124.9	186.8	256.1	329.3	403.1	480.6	561.8	640.3
22.5°	0.0	26.2	72.5	128.2	191.8	262.7	337.3	412.6	492.1	573.8	653.2
20°	0.0	26.5	74.0	131.2	196.4	268.5	344.5	420.9	502.2	584.2	664.8
17.5°	0.0	26.7	75.4	133.8	200.4	273.4	350.5	428.0	511.1	592.9	675.1
15°	0.0	26.9	76.6	136.1	203.9	277.4	355.3	434.2	518.5	600.0	683.9
12.5°	0.0	27.0	77.7	138.0	206.9	280.6	359.3	440.0	524.8	605.5	691.3
10°	0.0	27.1	78.5	139.6	209.3	283.0	362.3	444.9	529.7	611.4	698.4
7.5°	0.0	27.0	79.2	140.9	211.2	284.6	364.4	448.9	533.0	616.4	706.6
5°	0.0	27.0	79.7	141.8	212.6	285.5	365.5	451.7	534.8	620.1	713.2
2.5°	0.0	26.9	80.0	142.3	213.4	285.5	365.7	453.5	535.2	622.4	718.2
0°	0.0	26.7	80.1	142.5	213.7	284.9	365.0	454.1	534.2	623.2	721.2
-2.5°	0.0	26.9	80.0	142.3	213.4	285.5	365.7	453.5	535.2	622.4	718.2
-5°	0.0	27.0	79.7	141.8	212.6	285.5	365.5	451.7	534.8	620.1	713.2
-7.5°	0.0	27.0	79.2	140.9	211.2	284.6	364.4	448.9	533.0	616.4	706.6
-10°	0.0	27.1	78.5	139.6	209.3	283.0	362.3	444.9	529.7	611.4	698.4
-12.5°	0.0	27.0	77.7	138.0	206.9	280.6	359.3	440.0	524.8	605.5	691.3
-15°	0.0	26.9	76.6	136.1	203.9	277.4	355.3	434.2	518.5	600.0	683.9
-17.5°	0.0	26.7	75.4	133.8	200.4	273.4	350.5	428.0	511.1	592.9	675.1
-20°	0.0	26.5	74.0	131.2	196.4	268.5	344.5	420.9	502.2	584.2	664.8

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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	26.2	72.5	128.2	191.8	262.7	337.3	412.6	492.1	573.8	653.2
-25°	0.0	25.9	70.8	124.9	186.8	256.1	329.3	403.1	480.6	561.8	640.3
-27.5°	0.0	25.5	68.9	121.2	181.2	248.7	320.4	392.4	467.9	547.9	625.6
-30°	0.0	25.0	67.0	117.3	175.3	240.6	310.6	380.6	454.4	532.1	608.9
-32.5°	0.0	24.5	64.8	113.1	169.1	231.9	300.1	368.1	439.8	514.9	590.3
-35°	0.0	24.0	62.6	108.5	162.5	222.5	288.8	354.9	423.8	496.4	569.9
-37.5°	0.0	23.3	60.2	103.7	155.4	212.9	276.7	340.7	406.4	476.6	546.4
-40°	0.0	22.6	57.8	98.5	147.9	203.5	263.9	325.8	387.8	455.6	522.0
-42.5°	0.0	21.9	55.2	93.2	140.5	193.5	250.4	310.0	369.1	433.1	496.8
-45°	0.0	21.1	52.5	87.8	133.2	183.1	236.3	293.4	350.1	409.8	470.9
-47.5°	0.0	20.3	49.7	82.1	125.6	172.2	221.4	276.1	330.3	385.8	444.3
-50°	0.0	19.4	46.8	77.4	117.7	160.8	207.5	258.0	309.7	362.4	417.0
-52.5°	0.0	18.4	43.8	72.9	109.4	149.0	193.3	239.3	288.0	337.8	389.2
-55°	0.0	17.4	40.7	68.3	100.8	138.0	178.6	220.2	265.4	312.0	360.2
-57.5°	0.0	16.4	37.6	63.4	92.0	127.0	163.4	202.5	241.9	285.2	329.9
-60°	0.0	15.3	34.4	58.4	83.0	115.6	148.1	184.1	218.2	257.4	298.5
-62.5°	0.0	14.1	31.9	53.2	75.9	103.9	134.1	165.1	196.6	228.6	266.1
-65°	0.0	13.0	29.4	47.8	68.5	92.0	119.7	146.4	174.5	202.9	232.7
-67.5°	0.0	11.8	26.7	42.3	60.9	80.9	105.1	129.1	152.0	177.6	202.9
-70°	0.0	10.6	24.0	36.7	53.1	70.9	90.2	111.5	131.9	152.0	174.5
-72.5°	0.0	9.3	21.1	32.0	45.2	60.6	77.1	93.7	111.5	129.1	146.4
-75°	0.0	8.0	18.3	27.6	37.1	50.1	64.0	77.5	91.0	106.1	120.9
-77.5°	0.0	6.7	15.3	23.1	30.7	39.4	50.7	61.9	72.9	83.7	95.2
-80°	0.0	5.4	12.3	18.5	24.6	30.7	37.2	46.1	54.9	63.6	72.1
-82.5°	0.0	4.1	9.3	13.9	18.5	23.1	27.6	32.0	36.9	43.4	49.7
-85°	0.0	2.7	6.2	9.3	12.3	15.4	18.4	21.4	24.3	27.2	30.1
-87.5°	0.0	1.4	3.1	4.6	6.2	7.7	9.2	10.7	12.2	13.6	15.0
-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):

	-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°	16.4	17.8	19.1	20.4	21.7	22.9	24.0	25.2	26.2	27.3	28.2
85°	32.8	35.6	39.5	43.4	46.7	49.6	52.0	54.0	57.7	61.6	65.5
82.5°	56.0	62.1	68.1	73.9	77.9	81.1	84.2	88.7	96.6	104.1	111.0
80°	80.4	88.6	97.8	106.9	114.6	122.4	130.4	138.7	147.4	155.5	163.3
77.5°	107.4	119.3	130.9	142.2	153.4	165.6	177.3	188.5	199.3	209.6	219.4
75°	135.5	149.8	165.5	180.9	196.0	210.5	224.9	240.1	254.7	268.6	281.8
72.5°	165.1	184.1	202.6	220.7	240.2	259.3	277.8	295.5	312.9	331.0	350.2
70°	196.6	218.2	242.3	265.5	287.2	310.1	332.9	352.5	371.3	396.2	421.9
67.5°	228.9	258.2	285.4	311.5	340.6	367.4	390.7	415.6	442.3	471.2	496.5
65°	267.1	298.8	330.5	363.5	397.1	425.1	454.2	485.1	515.3	544.1	571.5
62.5°	304.7	340.6	377.1	413.0	447.5	481.1	516.2	550.7	583.8	617.4	646.9
60°	341.0	381.8	420.2	457.8	496.9	538.5	577.5	615.7	655.5	693.4	713.3
57.5°	376.0	419.6	459.8	501.9	547.8	594.9	635.8	679.1	713.3	739.5	765.2
55°	409.0	454.3	498.3	545.7	595.6	644.5	690.1	728.6	760.1	784.2	811.4
52.5°	439.8	487.6	535.5	587.3	640.2	692.4	740.1	776.2	804.5	829.2	854.7
50°	470.1	520.3	570.9	627.7	684.4	740.0	786.6	819.7	846.4	871.7	897.9
47.5°	499.9	552.5	607.0	667.6	729.0	782.6	826.9	857.1	884.0	913.8	942.6
45°	529.1	586.0	643.8	708.8	770.6	822.2	859.8	890.1	923.4	955.6	986.4
42.5°	557.6	619.0	681.7	749.1	808.7	855.3	890.4	926.2	962.1	996.3	1031.0
40°	586.4	650.7	717.1	784.1	844.2	884.3	921.6	960.1	999.7	1036.9	1075.3
37.5°	613.9	680.5	749.0	816.7	871.2	912.0	950.7	993.2	1034.9	1075.4	1125.6
35°	640.1	707.7	776.8	842.2	894.8	936.9	980.1	1024.9	1068.6	1121.1	1178.3
32.5°	663.5	732.1	802.1	863.1	914.5	960.1	1008.4	1055.1	1107.7	1167.1	1235.7
30°	683.3	753.4	823.7	883.2	933.5	981.6	1034.1	1085.7	1147.2	1218.6	1300.2
27.5°	700.7	772.6	840.9	900.5	951.6	999.5	1054.8	1119.8	1190.4	1270.5	1366.3
25°	716.9	791.9	857.1	916.3	966.1	1016.1	1075.3	1147.2	1232.2	1328.6	1445.9
22.5°	732.2	810.5	873.6	931.3	977.4	1031.4	1098.1	1176.4	1268.7	1381.7	1524.5
20°	746.8	824.4	886.8	943.1	985.9	1044.8	1118.2	1201.8	1306.7	1441.5	1606.7
17.5°	760.3	836.3	897.1	950.1	997.0	1059.0	1135.9	1222.6	1339.8	1495.8	1682.2
15°	772.5	846.3	905.4	955.7	1006.9	1073.9	1154.4	1248.2	1376.3	1547.6	1749.0
12.5°	783.3	854.3	911.8	960.1	1014.9	1086.1	1170.8	1275.0	1415.6	1598.5	1833.8
10°	792.5	860.5	916.2	963.1	1020.8	1095.5	1184.6	1296.8	1446.9	1637.9	1899.1
7.5°	800.4	865.5	919.3	964.8	1024.7	1102.0	1195.3	1313.3	1468.8	1665.9	1946.2
5°	806.0	869.4	923.0	970.3	1030.7	1107.2	1203.1	1324.7	1481.7	1682.5	1975.4
2.5°	809.2	871.7	925.3	975.5	1037.2	1111.5	1208.9	1337.1	1492.1	1698.7	1997.8
0°	810.2	872.5	926.0	979.4	1041.7	1112.9	1210.9	1344.4	1495.8	1709.4	2012.2
-2.5°	809.2	871.7	925.3	975.5	1037.2	1111.5	1208.9	1337.1	1492.1	1698.7	1997.8
-5°	806.0	869.4	923.0	970.3	1030.7	1107.2	1203.1	1324.7	1481.7	1682.5	1975.4
-7.5°	800.4	865.5	919.3	964.8	1024.7	1102.0	1195.3	1313.3	1468.8	1665.9	1946.2
-10°	792.5	860.5	916.2	963.1	1020.8	1095.5	1184.6	1296.8	1446.9	1637.9	1899.1
-12.5°	783.3	854.3	911.8	960.1	1014.9	1086.1	1170.8	1275.0	1415.6	1598.5	1833.8
-15°	772.5	846.3	905.4	955.7	1006.9	1073.9	1154.4	1248.2	1376.3	1547.6	1749.0
-17.5°	760.3	836.3	897.1	950.1	997.0	1059.0	1135.9	1222.6	1339.8	1495.8	1682.2
-20°	746.8	824.4	886.8	943.1	985.9	1044.8	1118.2	1201.8	1306.7	1441.5	1606.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	732.2	810.5	873.6	931.3	977.4	1031.4	1098.1	1176.4	1268.7	1381.7	1524.5
-25°	716.9	791.9	857.1	916.3	966.1	1016.1	1075.3	1147.2	1232.2	1328.6	1445.9
-27.5°	700.7	772.6	840.9	900.5	951.6	999.5	1054.8	1119.8	1190.4	1270.5	1366.3
-30°	683.3	753.4	823.7	883.2	933.5	981.6	1034.1	1085.7	1147.2	1218.6	1300.2
-32.5°	663.5	732.1	802.1	863.1	914.5	960.1	1008.4	1055.1	1107.7	1167.1	1235.7
-35°	640.1	707.7	776.8	842.2	894.8	936.9	980.1	1024.9	1068.6	1121.1	1178.3
-37.5°	613.9	680.5	749.0	816.7	871.2	912.0	950.7	993.2	1034.9	1075.4	1125.6
-40°	586.4	650.7	717.1	784.1	844.2	884.3	921.6	960.1	999.7	1036.9	1075.3
-42.5°	557.6	619.0	681.7	749.1	808.7	855.3	890.4	926.2	962.1	996.3	1031.0
-45°	529.1	586.0	643.8	708.8	770.6	822.2	859.8	890.1	923.4	955.6	986.4
-47.5°	499.9	552.5	607.0	667.6	729.0	782.6	826.9	857.1	884.0	913.8	942.6
-50°	470.1	520.3	570.9	627.7	684.4	740.0	786.6	819.7	846.4	871.7	897.9
-52.5°	439.8	487.6	535.5	587.3	640.2	692.4	740.1	776.2	804.5	829.2	854.7
-55°	409.0	454.3	498.3	545.7	595.6	644.5	690.1	728.6	760.1	784.2	811.4
-57.5°	376.0	419.6	459.8	501.9	547.8	594.9	635.8	679.1	713.3	739.5	765.2
-60°	341.0	381.8	420.2	457.8	496.9	538.5	577.5	615.7	655.5	693.4	713.3
-62.5°	304.7	340.6	377.1	413.0	447.5	481.1	516.2	550.7	583.8	617.4	646.9
-65°	267.1	298.8	330.5	363.5	397.1	425.1	454.2	485.1	515.3	544.1	571.5
-67.5°	228.9	258.2	285.4	311.5	340.6	367.4	390.7	415.6	442.3	471.2	496.5
-70°	196.6	218.2	242.3	265.5	287.2	310.1	332.9	352.5	371.3	396.2	421.9
-72.5°	165.1	184.1	202.6	220.7	240.2	259.3	277.8	295.5	312.9	331.0	350.2
-75°	135.5	149.8	165.5	180.9	196.0	210.5	224.9	240.1	254.7	268.6	281.8
-77.5°	107.4	119.3	130.9	142.2	153.4	165.6	177.3	188.5	199.3	209.6	219.4
-80°	80.4	88.6	97.8	106.9	114.6	122.4	130.4	138.7	147.4	155.5	163.3
-82.5°	56.0	62.1	68.1	73.9	77.9	81.1	84.2	88.7	96.6	104.1	111.0
-85°	32.8	35.6	39.5	43.4	46.7	49.6	52.0	54.0	57.7	61.6	65.5
-87.5°	16.4	17.8	19.1	20.4	21.7	22.9	24.0	25.2	26.2	27.3	28.2
-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: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-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°	29.2	30.0	30.8	31.6	32.3	32.9	33.5	34.0	34.4	32.6	30.7
85°	69.6	72.2	74.7	76.9	79.0	80.9	82.5	84.0	85.4	84.3	83.0
82.5°	117.3	122.0	126.2	130.1	133.8	137.1	140.1	142.7	145.0	144.8	144.2
80°	170.7	178.3	186.0	193.6	201.0	205.5	208.8	211.3	213.0	213.7	213.9
77.5°	229.4	241.2	253.5	265.6	277.5	284.4	289.2	293.3	296.5	297.2	296.6
75°	294.4	309.7	326.5	341.2	353.9	361.7	367.2	371.7	375.4	376.4	375.9
72.5°	370.1	388.9	404.0	416.4	427.1	435.5	442.3	448.1	452.8	454.8	455.0
70°	444.4	463.0	477.3	489.9	500.5	509.2	517.4	524.3	530.1	534.3	537.5
67.5°	519.8	541.0	555.7	567.1	576.1	585.2	596.1	605.5	613.3	618.6	621.3
65°	597.2	619.1	633.3	645.7	656.7	668.3	680.4	689.2	695.1	698.7	701.1
62.5°	672.1	692.5	710.4	726.9	742.8	756.0	764.3	771.7	778.1	783.4	787.4
60°	736.4	762.5	782.4	798.3	813.8	828.8	839.0	847.0	853.4	858.0	860.9
57.5°	791.3	817.9	841.4	856.8	873.6	891.6	903.4	910.2	916.5	921.8	924.3
55°	839.3	863.8	885.5	906.6	925.5	941.7	954.2	963.4	971.0	977.1	979.2
52.5°	882.5	909.2	934.7	957.1	975.7	991.1	1003.5	1014.8	1023.5	1029.4	1032.0
50°	927.9	956.7	984.0	1008.4	1027.5	1044.8	1060.3	1073.6	1086.4	1096.5	1103.8
47.5°	972.6	1003.2	1033.3	1060.2	1083.1	1108.2	1130.7	1149.7	1168.4	1183.5	1193.9
45°	1017.6	1052.9	1085.7	1120.4	1151.4	1184.2	1214.8	1241.1	1268.1	1288.5	1302.3
42.5°	1067.5	1107.7	1147.2	1190.4	1232.6	1275.5	1321.7	1363.0	1394.8	1424.8	1449.0
40°	1121.1	1167.1	1218.6	1271.6	1333.9	1390.3	1452.5	1505.9	1554.1	1605.2	1645.7
37.5°	1178.3	1235.7	1303.4	1374.3	1454.8	1532.2	1613.3	1693.1	1762.7	1844.8	1907.5
35°	1241.5	1318.1	1401.4	1497.3	1597.6	1708.4	1819.4	1947.7	2058.1	2179.5	2285.3
32.5°	1316.2	1407.7	1517.0	1643.5	1772.4	1940.5	2097.5	2301.7	2478.3	2671.0	2865.0
30°	1393.1	1512.7	1653.8	1813.2	2018.0	2249.2	2506.8	2810.6	3123.7	3426.7	3792.2
27.5°	1488.4	1632.8	1803.6	2036.5	2337.9	2650.3	3093.4	3549.3	4124.9	4601.0	5272.2
25°	1587.5	1757.3	2000.0	2316.8	2710.3	3252.4	3924.7	4653.4	5666.1	6555.9	7599.4
22.5°	1695.2	1924.6	2226.5	2617.5	3214.2	4046.4	5064.3	6436.1	7929.9	9515.8	11093.4
20°	1807.5	2085.0	2480.8	3047.5	3866.2	4993.3	6740.9	8858.5	10992.6	13609.3	15926.5
17.5°	1937.5	2290.7	2778.4	3487.1	4579.7	6306.2	8730.5	11686.9	14997.7	18760.2	22100.7
15°	2045.8	2467.0	3082.6	4074.0	5576.7	7794.0	10851.3	14918.3	19893.4	24946.5	30073.2
12.5°	2171.6	2658.7	3381.7	4564.0	6451.2	9398.0	13559.4	18707.2	24920.5	31929.5	40192.0
10°	2283.3	2847.0	3745.8	5209.2	7515.5	11070.8	16121.3	22314.4	30332.8	40417.0	53212.3
7.5°	2366.0	2996.8	4026.9	5700.3	8435.7	12679.2	18541.8	26264.5	36453.2	49769.4	67330.0
5°	2419.7	3105.3	4225.8	6079.2	9155.9	13876.2	20315.7	29066.1	41358.1	60191.7	89928.1
2.5°	2451.9	3169.5	4339.3	6301.4	9594.0	14669.3	21665.3	31184.6	44536.9	66632.6	104462.9
0°	2466.2	3187.4	4407.2	6419.3	9740.3	14975.5	22285.1	32150.1	45959.2	68137.5	107018.5
-2.5°	2451.9	3169.5	4339.3	6301.4	9594.0	14669.3	21665.3	31184.6	44536.9	66632.6	104462.9
-5°	2419.7	3105.3	4225.8	6079.2	9155.9	13876.2	20315.7	29066.1	41358.1	60191.7	89928.1
-7.5°	2366.0	2996.8	4026.9	5700.3	8435.7	12679.2	18541.8	26264.5	36453.2	49769.4	67330.0
-10°	2283.3	2847.0	3745.8	5209.2	7515.5	11070.8	16121.3	22314.4	30332.8	40417.0	53212.3
-12.5°	2171.6	2658.7	3381.7	4564.0	6451.2	9398.0	13559.4	18707.2	24920.5	31929.5	40192.0
-15°	2045.8	2467.0	3082.6	4074.0	5576.7	7794.0	10851.3	14918.3	19893.4	24946.5	30073.2
-17.5°	1937.5	2290.7	2778.4	3487.1	4579.7	6306.2	8730.5	11686.9	14997.7	18760.2	22100.7
-20°	1807.5	2085.0	2480.8	3047.5	3866.2	4993.3	6740.9	8858.5	10992.6	13609.3	15926.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1695.2	1924.6	2226.5	2617.5	3214.2	4046.4	5064.3	6436.1	7929.9	9515.8	11093.4
-25°	1587.5	1757.3	2000.0	2316.8	2710.3	3252.4	3924.7	4653.4	5666.1	6555.9	7599.4
-27.5°	1488.4	1632.8	1803.6	2036.5	2337.9	2650.3	3093.4	3549.3	4124.9	4601.0	5272.2
-30°	1393.1	1512.7	1653.8	1813.2	2018.0	2249.2	2506.8	2810.6	3123.7	3426.7	3792.2
-32.5°	1316.2	1407.7	1517.0	1643.5	1772.4	1940.5	2097.5	2301.7	2478.3	2671.0	2865.0
-35°	1241.5	1318.1	1401.4	1497.3	1597.6	1708.4	1819.4	1947.7	2058.1	2179.5	2285.3
-37.5°	1178.3	1235.7	1303.4	1374.3	1454.8	1532.2	1613.3	1693.1	1762.7	1844.8	1907.5
-40°	1121.1	1167.1	1218.6	1271.6	1333.9	1390.3	1452.5	1505.9	1554.1	1605.2	1645.7
-42.5°	1067.5	1107.7	1147.2	1190.4	1232.6	1275.5	1321.7	1363.0	1394.8	1424.8	1449.0
-45°	1017.6	1052.9	1085.7	1120.4	1151.4	1184.2	1214.8	1241.1	1268.1	1288.5	1302.3
-47.5°	972.6	1003.2	1033.3	1060.2	1083.1	1108.2	1130.7	1149.7	1168.4	1183.5	1193.9
-50°	927.9	956.7	984.0	1008.4	1027.5	1044.8	1060.3	1073.6	1086.4	1096.5	1103.8
-52.5°	882.5	909.2	934.7	957.1	975.7	991.1	1003.5	1014.8	1023.5	1029.4	1032.0
-55°	839.3	863.8	885.5	906.6	925.5	941.7	954.2	963.4	971.0	977.1	979.2
-57.5°	791.3	817.9	841.4	856.8	873.6	891.6	903.4	910.2	916.5	921.8	924.3
-60°	736.4	762.5	782.4	798.3	813.8	828.8	839.0	847.0	853.4	858.0	860.9
-62.5°	672.1	692.5	710.4	726.9	742.8	756.0	764.3	771.7	778.1	783.4	787.4
-65°	597.2	619.1	633.3	645.7	656.7	668.3	680.4	689.2	695.1	698.7	701.1
-67.5°	519.8	541.0	555.7	567.1	576.1	585.2	596.1	605.5	613.3	618.6	621.3
-70°	444.4	463.0	477.3	489.9	500.5	509.2	517.4	524.3	530.1	534.3	537.5
-72.5°	370.1	388.9	404.0	416.4	427.1	435.5	442.3	448.1	452.8	454.8	455.0
-75°	294.4	309.7	326.5	341.2	353.9	361.7	367.2	371.7	375.4	376.4	375.9
-77.5°	229.4	241.2	253.5	265.6	277.5	284.4	289.2	293.3	296.5	297.2	296.6
-80°	170.7	178.3	186.0	193.6	201.0	205.5	208.8	211.3	213.0	213.7	213.9
-82.5°	117.3	122.0	126.2	130.1	133.8	137.1	140.1	142.7	145.0	144.8	144.2
-85°	69.6	72.2	74.7	76.9	79.0	80.9	82.5	84.0	85.4	84.3	83.0
-87.5°	29.2	30.0	30.8	31.6	32.3	32.9	33.5	34.0	34.4	32.6	30.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-NR-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°	28.7	26.6	26.7	26.7	26.7	26.6	28.7	30.7	32.6	34.4	34.0
85°	81.4	79.7	80.0	80.1	80.0	79.7	81.4	83.0	84.3	85.4	84.0
82.5°	143.2	141.8	142.3	142.5	142.3	141.8	143.2	144.2	144.8	145.0	142.7
80°	213.6	212.7	209.1	204.8	209.1	212.7	213.6	213.9	213.7	213.0	211.3
77.5°	295.0	292.5	289.1	284.9	289.1	292.5	295.0	296.6	297.2	296.5	293.3
75°	374.6	372.3	373.4	373.9	373.4	372.3	374.6	375.9	376.4	375.4	371.7
72.5°	454.2	452.3	453.5	454.1	453.5	452.3	454.2	455.0	454.8	452.8	448.1
70°	539.6	540.6	538.3	534.2	538.3	540.6	539.6	537.5	534.3	530.1	524.3
67.5°	622.0	621.0	618.4	614.3	618.4	621.0	622.0	621.3	618.6	613.3	605.5
65°	701.9	701.1	702.5	703.4	702.5	701.1	701.9	701.1	698.7	695.1	689.2
62.5°	789.5	789.5	787.5	783.5	787.5	789.5	789.5	787.4	783.4	778.1	771.7
60°	862.0	861.4	858.9	854.7	858.9	861.4	862.0	860.9	858.0	853.4	847.0
57.5°	925.1	924.2	921.5	917.0	921.5	924.2	925.1	924.3	921.8	916.5	910.2
55°	979.4	978.1	975.1	970.5	975.1	978.1	979.4	979.2	977.1	971.0	963.4
52.5°	1032.7	1031.5	1031.9	1032.8	1031.9	1031.5	1032.7	1032.0	1029.4	1023.5	1014.8
50°	1108.2	1109.7	1108.4	1104.0	1108.4	1109.7	1108.2	1103.8	1096.5	1086.4	1073.6
47.5°	1198.9	1199.5	1197.4	1193.1	1197.4	1199.5	1198.9	1193.9	1183.5	1168.4	1149.7
45°	1313.1	1319.6	1321.3	1317.7	1321.3	1319.6	1313.1	1302.3	1288.5	1268.1	1241.1
42.5°	1467.7	1477.8	1480.8	1478.0	1480.8	1477.8	1467.7	1449.0	1424.8	1394.8	1363.0
40°	1670.6	1682.1	1684.3	1682.7	1684.3	1682.1	1670.6	1645.7	1605.2	1554.1	1505.9
37.5°	1951.5	1979.6	1992.8	1994.4	1992.8	1979.6	1951.5	1907.5	1844.8	1762.7	1693.1
35°	2365.9	2421.8	2451.8	2466.2	2451.8	2421.8	2365.9	2285.3	2179.5	2058.1	1947.7
32.5°	3012.1	3124.1	3186.1	3178.5	3186.1	3124.1	3012.1	2865.0	2671.0	2478.3	2301.7
30°	4067.7	4263.5	4362.1	4335.9	4362.1	4263.5	4067.7	3792.2	3426.7	3123.7	2810.6
27.5°	5754.3	6108.2	6312.8	6285.8	6312.8	6108.2	5754.3	5272.2	4601.0	4124.9	3549.3
25°	8471.8	9117.6	9531.1	9428.7	9531.1	9117.6	8471.8	7599.4	6555.9	5666.1	4653.4
22.5°	12605.7	13699.8	14423.8	14334.4	14423.8	13699.8	12605.7	11093.4	9515.8	7929.9	6436.1
20°	18276.2	19941.4	21130.4	21288.0	21130.4	19941.4	18276.2	15926.5	13609.3	10992.6	8858.5
17.5°	25709.2	28349.5	30187.4	30494.0	30187.4	28349.5	25709.2	22100.7	18760.2	14997.7	11686.9
15°	35369.5	39684.8	42807.8	43065.6	42807.8	39684.8	35369.5	30073.2	24946.5	19893.4	14918.3
12.5°	48486.5	57165.8	62830.2	65324.0	62830.2	57165.8	48486.5	40192.0	31929.5	24920.5	18707.2
10°	66639.9	86575.8	99343.0	104142.7	99343.0	86575.8	66639.9	53212.3	40417.0	30332.8	22314.4
7.5°	96961.6	128261.4	163058.6	177889.3	163058.6	128261.4	96961.6	67330.0	49769.4	36453.2	26264.5
5°	131298.4	196258.1	258046.3	282174.5	258046.3	196258.1	131298.4	89928.1	60191.7	41358.1	29066.1
2.5°	167429.7	257974.0	342820.9	376002.6	342820.9	257974.0	167429.7	104462.9	66632.6	44536.9	31184.6
0°	181539.7	284996.8	378348.7	415555.8	378348.7	284996.8	181539.7	107018.5	68137.5	45959.2	32150.1
-2.5°	167429.7	257974.0	342820.9	376002.6	342820.9	257974.0	167429.7	104462.9	66632.6	44536.9	31184.6
-5°	131298.4	196258.1	258046.3	282174.5	258046.3	196258.1	131298.4	89928.1	60191.7	41358.1	29066.1
-7.5°	96961.6	128261.4	163058.6	177889.3	163058.6	128261.4	96961.6	67330.0	49769.4	36453.2	26264.5
-10°	66639.9	86575.8	99343.0	104142.7	99343.0	86575.8	66639.9	53212.3	40417.0	30332.8	22314.4
-12.5°	48486.5	57165.8	62830.2	65324.0	62830.2	57165.8	48486.5	40192.0	31929.5	24920.5	18707.2
-15°	35369.5	39684.8	42807.8	43065.6	42807.8	39684.8	35369.5	30073.2	24946.5	19893.4	14918.3
-17.5°	25709.2	28349.5	30187.4	30494.0	30187.4	28349.5	25709.2	22100.7	18760.2	14997.7	11686.9
-20°	18276.2	19941.4	21130.4	21288.0	21130.4	19941.4	18276.2	15926.5	13609.3	10992.6	8858.5



REPORT NUMBER: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12605.7	13699.8	14423.8	14334.4	14423.8	13699.8	12605.7	11093.4	9515.8	7929.9	6436.1
-25°	8471.8	9117.6	9531.1	9428.7	9531.1	9117.6	8471.8	7599.4	6555.9	5666.1	4653.4
-27.5°	5754.3	6108.2	6312.8	6285.8	6312.8	6108.2	5754.3	5272.2	4601.0	4124.9	3549.3
-30°	4067.7	4263.5	4362.1	4335.9	4362.1	4263.5	4067.7	3792.2	3426.7	3123.7	2810.6
-32.5°	3012.1	3124.1	3186.1	3178.5	3186.1	3124.1	3012.1	2865.0	2671.0	2478.3	2301.7
-35°	2365.9	2421.8	2451.8	2466.2	2451.8	2421.8	2365.9	2285.3	2179.5	2058.1	1947.7
-37.5°	1951.5	1979.6	1992.8	1994.4	1992.8	1979.6	1951.5	1907.5	1844.8	1762.7	1693.1
-40°	1670.6	1682.1	1684.3	1682.7	1684.3	1682.1	1670.6	1645.7	1605.2	1554.1	1505.9
-42.5°	1467.7	1477.8	1480.8	1478.0	1480.8	1477.8	1467.7	1449.0	1424.8	1394.8	1363.0
-45°	1313.1	1319.6	1321.3	1317.7	1321.3	1319.6	1313.1	1302.3	1288.5	1268.1	1241.1
-47.5°	1198.9	1199.5	1197.4	1193.1	1197.4	1199.5	1198.9	1193.9	1183.5	1168.4	1149.7
-50°	1108.2	1109.7	1108.4	1104.0	1108.4	1109.7	1108.2	1103.8	1096.5	1086.4	1073.6
-52.5°	1032.7	1031.5	1031.9	1032.8	1031.9	1031.5	1032.7	1032.0	1029.4	1023.5	1014.8
-55°	979.4	978.1	975.1	970.5	975.1	978.1	979.4	979.2	977.1	971.0	963.4
-57.5°	925.1	924.2	921.5	917.0	921.5	924.2	925.1	924.3	921.8	916.5	910.2
-60°	862.0	861.4	858.9	854.7	858.9	861.4	862.0	860.9	858.0	853.4	847.0
-62.5°	789.5	789.5	787.5	783.5	787.5	789.5	789.5	787.4	783.4	778.1	771.7
-65°	701.9	701.1	702.5	703.4	702.5	701.1	701.9	701.1	698.7	695.1	689.2
-67.5°	622.0	621.0	618.4	614.3	618.4	621.0	622.0	621.3	618.6	613.3	605.5
-70°	539.6	540.6	538.3	534.2	538.3	540.6	539.6	537.5	534.3	530.1	524.3
-72.5°	454.2	452.3	453.5	454.1	453.5	452.3	454.2	455.0	454.8	452.8	448.1
-75°	374.6	372.3	373.4	373.9	373.4	372.3	374.6	375.9	376.4	375.4	371.7
-77.5°	295.0	292.5	289.1	284.9	289.1	292.5	295.0	296.6	297.2	296.5	293.3
-80°	213.6	212.7	209.1	204.8	209.1	212.7	213.6	213.9	213.7	213.0	211.3
-82.5°	143.2	141.8	142.3	142.5	142.3	141.8	143.2	144.2	144.8	145.0	142.7
-85°	81.4	79.7	80.0	80.1	80.0	79.7	81.4	83.0	84.3	85.4	84.0
-87.5°	28.7	26.6	26.7	26.7	26.7	26.6	28.7	30.7	32.6	34.4	34.0
-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: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-NR-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°	33.5	32.9	32.3	31.6	30.8	30.0	29.2	28.2	27.3	26.2	25.2
85°	82.5	80.9	79.0	76.9	74.7	72.2	69.6	65.5	61.6	57.7	54.0
82.5°	140.1	137.1	133.8	130.1	126.2	122.0	117.3	111.0	104.1	96.6	88.7
80°	208.8	205.5	201.0	193.6	186.0	178.3	170.7	163.3	155.5	147.4	138.7
77.5°	289.2	284.4	277.5	265.6	253.5	241.2	229.4	219.4	209.6	199.3	188.5
75°	367.2	361.7	353.9	341.2	326.5	309.7	294.4	281.8	268.6	254.7	240.1
72.5°	442.3	435.5	427.1	416.4	404.0	388.9	370.1	350.2	331.0	312.9	295.5
70°	517.4	509.2	500.5	489.9	477.3	463.0	444.4	421.9	396.2	371.3	352.5
67.5°	596.1	585.2	576.1	567.1	555.7	541.0	519.8	496.5	471.2	442.3	415.6
65°	680.4	668.3	656.7	645.7	633.3	619.1	597.2	571.5	544.1	515.3	485.1
62.5°	764.3	756.0	742.8	726.9	710.4	692.5	672.1	646.9	617.4	583.8	550.7
60°	839.0	828.8	813.8	798.3	782.4	762.5	736.4	713.3	693.4	655.5	615.7
57.5°	903.4	891.6	873.6	856.8	841.4	817.9	791.3	765.2	739.5	713.3	679.1
55°	954.2	941.7	925.5	906.6	885.5	863.8	839.3	811.4	784.2	760.1	728.6
52.5°	1003.5	991.1	975.7	957.1	934.7	909.2	882.5	854.7	829.2	804.5	776.2
50°	1060.3	1044.8	1027.5	1008.4	984.0	956.7	927.9	897.9	871.7	846.4	819.7
47.5°	1130.7	1108.2	1083.1	1060.2	1033.3	1003.2	972.6	942.6	913.8	884.0	857.1
45°	1214.8	1184.2	1151.4	1120.4	1085.7	1052.9	1017.6	986.4	955.6	923.4	890.1
42.5°	1321.7	1275.5	1232.6	1190.4	1147.2	1107.7	1067.5	1031.0	996.3	962.1	926.2
40°	1452.5	1390.3	1333.9	1271.6	1218.6	1167.1	1121.1	1075.3	1036.9	999.7	960.1
37.5°	1613.3	1532.2	1454.8	1374.3	1303.4	1235.7	1178.3	1125.6	1075.4	1034.9	993.2
35°	1819.4	1708.4	1597.6	1497.3	1401.4	1318.1	1241.5	1178.3	1121.1	1068.6	1024.9
32.5°	2097.5	1940.5	1772.4	1643.5	1517.0	1407.7	1316.2	1235.7	1167.1	1107.7	1055.1
30°	2506.8	2249.2	2018.0	1813.2	1653.8	1512.7	1393.1	1300.2	1218.6	1147.2	1085.7
27.5°	3093.4	2650.3	2337.9	2036.5	1803.6	1632.8	1488.4	1366.3	1270.5	1190.4	1119.8
25°	3924.7	3252.4	2710.3	2316.8	2000.0	1757.3	1587.5	1445.9	1328.6	1232.2	1147.2
22.5°	5064.3	4046.4	3214.2	2617.5	2226.5	1924.6	1695.2	1524.5	1381.7	1268.7	1176.4
20°	6740.9	4993.3	3866.2	3047.5	2480.8	2085.0	1807.5	1606.7	1441.5	1306.7	1201.8
17.5°	8730.5	6306.2	4579.7	3487.1	2778.4	2290.7	1937.5	1682.2	1495.8	1339.8	1222.6
15°	10851.3	7794.0	5576.7	4074.0	3082.6	2467.0	2045.8	1749.0	1547.6	1376.3	1248.2
12.5°	13559.4	9398.0	6451.2	4564.0	3381.7	2658.7	2171.6	1833.8	1598.5	1415.6	1275.0
10°	16121.3	11070.8	7515.5	5209.2	3745.8	2847.0	2283.3	1899.1	1637.9	1446.9	1296.8
7.5°	18541.8	12679.2	8435.7	5700.3	4026.9	2996.8	2366.0	1946.2	1665.9	1468.8	1313.3
5°	20315.7	13876.2	9155.9	6079.2	4225.8	3105.3	2419.7	1975.4	1682.5	1481.7	1324.7
2.5°	21665.3	14669.3	9594.0	6301.4	4339.3	3169.5	2451.9	1997.8	1698.7	1492.1	1337.1
0°	22285.1	14975.5	9740.3	6419.3	4407.2	3187.4	2466.2	2012.2	1709.4	1495.8	1344.4
-2.5°	21665.3	14669.3	9594.0	6301.4	4339.3	3169.5	2451.9	1997.8	1698.7	1492.1	1337.1
-5°	20315.7	13876.2	9155.9	6079.2	4225.8	3105.3	2419.7	1975.4	1682.5	1481.7	1324.7
-7.5°	18541.8	12679.2	8435.7	5700.3	4026.9	2996.8	2366.0	1946.2	1665.9	1468.8	1313.3
-10°	16121.3	11070.8	7515.5	5209.2	3745.8	2847.0	2283.3	1899.1	1637.9	1446.9	1296.8
-12.5°	13559.4	9398.0	6451.2	4564.0	3381.7	2658.7	2171.6	1833.8	1598.5	1415.6	1275.0
-15°	10851.3	7794.0	5576.7	4074.0	3082.6	2467.0	2045.8	1749.0	1547.6	1376.3	1248.2
-17.5°	8730.5	6306.2	4579.7	3487.1	2778.4	2290.7	1937.5	1682.2	1495.8	1339.8	1222.6
-20°	6740.9	4993.3	3866.2	3047.5	2480.8	2085.0	1807.5	1606.7	1441.5	1306.7	1201.8



REPORT NUMBER: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5064.3	4046.4	3214.2	2617.5	2226.5	1924.6	1695.2	1524.5	1381.7	1268.7	1176.4
-25°	3924.7	3252.4	2710.3	2316.8	2000.0	1757.3	1587.5	1445.9	1328.6	1232.2	1147.2
-27.5°	3093.4	2650.3	2337.9	2036.5	1803.6	1632.8	1488.4	1366.3	1270.5	1190.4	1119.8
-30°	2506.8	2249.2	2018.0	1813.2	1653.8	1512.7	1393.1	1300.2	1218.6	1147.2	1085.7
-32.5°	2097.5	1940.5	1772.4	1643.5	1517.0	1407.7	1316.2	1235.7	1167.1	1107.7	1055.1
-35°	1819.4	1708.4	1597.6	1497.3	1401.4	1318.1	1241.5	1178.3	1121.1	1068.6	1024.9
-37.5°	1613.3	1532.2	1454.8	1374.3	1303.4	1235.7	1178.3	1125.6	1075.4	1034.9	993.2
-40°	1452.5	1390.3	1333.9	1271.6	1218.6	1167.1	1121.1	1075.3	1036.9	999.7	960.1
-42.5°	1321.7	1275.5	1232.6	1190.4	1147.2	1107.7	1067.5	1031.0	996.3	962.1	926.2
-45°	1214.8	1184.2	1151.4	1120.4	1085.7	1052.9	1017.6	986.4	955.6	923.4	890.1
-47.5°	1130.7	1108.2	1083.1	1060.2	1033.3	1003.2	972.6	942.6	913.8	884.0	857.1
-50°	1060.3	1044.8	1027.5	1008.4	984.0	956.7	927.9	897.9	871.7	846.4	819.7
-52.5°	1003.5	991.1	975.7	957.1	934.7	909.2	882.5	854.7	829.2	804.5	776.2
-55°	954.2	941.7	925.5	906.6	885.5	863.8	839.3	811.4	784.2	760.1	728.6
-57.5°	903.4	891.6	873.6	856.8	841.4	817.9	791.3	765.2	739.5	713.3	679.1
-60°	839.0	828.8	813.8	798.3	782.4	762.5	736.4	713.3	693.4	655.5	615.7
-62.5°	764.3	756.0	742.8	726.9	710.4	692.5	672.1	646.9	617.4	583.8	550.7
-65°	680.4	668.3	656.7	645.7	633.3	619.1	597.2	571.5	544.1	515.3	485.1
-67.5°	596.1	585.2	576.1	567.1	555.7	541.0	519.8	496.5	471.2	442.3	415.6
-70°	517.4	509.2	500.5	489.9	477.3	463.0	444.4	421.9	396.2	371.3	352.5
-72.5°	442.3	435.5	427.1	416.4	404.0	388.9	370.1	350.2	331.0	312.9	295.5
-75°	367.2	361.7	353.9	341.2	326.5	309.7	294.4	281.8	268.6	254.7	240.1
-77.5°	289.2	284.4	277.5	265.6	253.5	241.2	229.4	219.4	209.6	199.3	188.5
-80°	208.8	205.5	201.0	193.6	186.0	178.3	170.7	163.3	155.5	147.4	138.7
-82.5°	140.1	137.1	133.8	130.1	126.2	122.0	117.3	111.0	104.1	96.6	88.7
-85°	82.5	80.9	79.0	76.9	74.7	72.2	69.6	65.5	61.6	57.7	54.0
-87.5°	33.5	32.9	32.3	31.6	30.8	30.0	29.2	28.2	27.3	26.2	25.2
-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: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-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°	24.0	22.9	21.7	20.4	19.1	17.8	16.4	15.0	13.6	12.2	10.7
85°	52.0	49.6	46.7	43.4	39.5	35.6	32.8	30.1	27.2	24.3	21.4
82.5°	84.2	81.1	77.9	73.9	68.1	62.1	56.0	49.7	43.4	36.9	32.0
80°	130.4	122.4	114.6	106.9	97.8	88.6	80.4	72.1	63.6	54.9	46.1
77.5°	177.3	165.6	153.4	142.2	130.9	119.3	107.4	95.2	83.7	72.9	61.9
75°	224.9	210.5	196.0	180.9	165.5	149.8	135.5	120.9	106.1	91.0	77.5
72.5°	277.8	259.3	240.2	220.7	202.6	184.1	165.1	146.4	129.1	111.5	93.7
70°	332.9	310.1	287.2	265.5	242.3	218.2	196.6	174.5	152.0	131.9	111.5
67.5°	390.7	367.4	340.6	311.5	285.4	258.2	228.9	202.9	177.6	152.0	129.1
65°	454.2	425.1	397.1	363.5	330.5	298.8	267.1	232.7	202.9	174.5	146.4
62.5°	516.2	481.1	447.5	413.0	377.1	340.6	304.7	266.1	228.6	196.6	165.1
60°	577.5	538.5	496.9	457.8	420.2	381.8	341.0	298.5	257.4	218.2	184.1
57.5°	635.8	594.9	547.8	501.9	459.8	419.6	376.0	329.9	285.2	241.9	202.5
55°	690.1	644.5	595.6	545.7	498.3	454.3	409.0	360.2	312.0	265.4	220.2
52.5°	740.1	692.4	640.2	587.3	535.5	487.6	439.8	389.2	337.8	288.0	239.3
50°	786.6	740.0	684.4	627.7	570.9	520.3	470.1	417.0	362.4	309.7	258.0
47.5°	826.9	782.6	729.0	667.6	607.0	552.5	499.9	444.3	385.8	330.3	276.1
45°	859.8	822.2	770.6	708.8	643.8	586.0	529.1	470.9	409.8	350.1	293.4
42.5°	890.4	855.3	808.7	749.1	681.7	619.0	557.6	496.8	433.1	369.1	310.0
40°	921.6	884.3	844.2	784.1	717.1	650.7	586.4	522.0	455.6	387.8	325.8
37.5°	950.7	912.0	871.2	816.7	749.0	680.5	613.9	546.4	476.6	406.4	340.7
35°	980.1	936.9	894.8	842.2	776.8	707.7	640.1	569.9	496.4	423.8	354.9
32.5°	1008.4	960.1	914.5	863.1	802.1	732.1	663.5	590.3	514.9	439.8	368.1
30°	1034.1	981.6	933.5	883.2	823.7	753.4	683.3	608.9	532.1	454.4	380.6
27.5°	1054.8	999.5	951.6	900.5	840.9	772.6	700.7	625.6	547.9	467.9	392.4
25°	1075.3	1016.1	966.1	916.3	857.1	791.9	716.9	640.3	561.8	480.6	403.1
22.5°	1098.1	1031.4	977.4	931.3	873.6	810.5	732.2	653.2	573.8	492.1	412.6
20°	1118.2	1044.8	985.9	943.1	886.8	824.4	746.8	664.8	584.2	502.2	420.9
17.5°	1135.9	1059.0	997.0	950.1	897.1	836.3	760.3	675.1	592.9	511.1	428.0
15°	1154.4	1073.9	1006.9	955.7	905.4	846.3	772.5	683.9	600.0	518.5	434.2
12.5°	1170.8	1086.1	1014.9	960.1	911.8	854.3	783.3	691.3	605.5	524.8	440.0
10°	1184.6	1095.5	1020.8	963.1	916.2	860.5	792.5	698.4	611.4	529.7	444.9
7.5°	1195.3	1102.0	1024.7	964.8	919.3	865.5	800.4	706.6	616.4	533.0	448.9
5°	1203.1	1107.2	1030.7	970.3	923.0	869.4	806.0	713.2	620.1	534.8	451.7
2.5°	1208.9	1111.5	1037.2	975.5	925.3	871.7	809.2	718.2	622.4	535.2	453.5
0°	1210.9	1112.9	1041.7	979.4	926.0	872.5	810.2	721.2	623.2	534.2	454.1
-2.5°	1208.9	1111.5	1037.2	975.5	925.3	871.7	809.2	718.2	622.4	535.2	453.5
-5°	1203.1	1107.2	1030.7	970.3	923.0	869.4	806.0	713.2	620.1	534.8	451.7
-7.5°	1195.3	1102.0	1024.7	964.8	919.3	865.5	800.4	706.6	616.4	533.0	448.9
-10°	1184.6	1095.5	1020.8	963.1	916.2	860.5	792.5	698.4	611.4	529.7	444.9
-12.5°	1170.8	1086.1	1014.9	960.1	911.8	854.3	783.3	691.3	605.5	524.8	440.0
-15°	1154.4	1073.9	1006.9	955.7	905.4	846.3	772.5	683.9	600.0	518.5	434.2
-17.5°	1135.9	1059.0	997.0	950.1	897.1	836.3	760.3	675.1	592.9	511.1	428.0
-20°	1118.2	1044.8	985.9	943.1	886.8	824.4	746.8	664.8	584.2	502.2	420.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1098.1	1031.4	977.4	931.3	873.6	810.5	732.2	653.2	573.8	492.1	412.6
-25°	1075.3	1016.1	966.1	916.3	857.1	791.9	716.9	640.3	561.8	480.6	403.1
-27.5°	1054.8	999.5	951.6	900.5	840.9	772.6	700.7	625.6	547.9	467.9	392.4
-30°	1034.1	981.6	933.5	883.2	823.7	753.4	683.3	608.9	532.1	454.4	380.6
-32.5°	1008.4	960.1	914.5	863.1	802.1	732.1	663.5	590.3	514.9	439.8	368.1
-35°	980.1	936.9	894.8	842.2	776.8	707.7	640.1	569.9	496.4	423.8	354.9
-37.5°	950.7	912.0	871.2	816.7	749.0	680.5	613.9	546.4	476.6	406.4	340.7
-40°	921.6	884.3	844.2	784.1	717.1	650.7	586.4	522.0	455.6	387.8	325.8
-42.5°	890.4	855.3	808.7	749.1	681.7	619.0	557.6	496.8	433.1	369.1	310.0
-45°	859.8	822.2	770.6	708.8	643.8	586.0	529.1	470.9	409.8	350.1	293.4
-47.5°	826.9	782.6	729.0	667.6	607.0	552.5	499.9	444.3	385.8	330.3	276.1
-50°	786.6	740.0	684.4	627.7	570.9	520.3	470.1	417.0	362.4	309.7	258.0
-52.5°	740.1	692.4	640.2	587.3	535.5	487.6	439.8	389.2	337.8	288.0	239.3
-55°	690.1	644.5	595.6	545.7	498.3	454.3	409.0	360.2	312.0	265.4	220.2
-57.5°	635.8	594.9	547.8	501.9	459.8	419.6	376.0	329.9	285.2	241.9	202.5
-60°	577.5	538.5	496.9	457.8	420.2	381.8	341.0	298.5	257.4	218.2	184.1
-62.5°	516.2	481.1	447.5	413.0	377.1	340.6	304.7	266.1	228.6	196.6	165.1
-65°	454.2	425.1	397.1	363.5	330.5	298.8	267.1	232.7	202.9	174.5	146.4
-67.5°	390.7	367.4	340.6	311.5	285.4	258.2	228.9	202.9	177.6	152.0	129.1
-70°	332.9	310.1	287.2	265.5	242.3	218.2	196.6	174.5	152.0	131.9	111.5
-72.5°	277.8	259.3	240.2	220.7	202.6	184.1	165.1	146.4	129.1	111.5	93.7
-75°	224.9	210.5	196.0	180.9	165.5	149.8	135.5	120.9	106.1	91.0	77.5
-77.5°	177.3	165.6	153.4	142.2	130.9	119.3	107.4	95.2	83.7	72.9	61.9
-80°	130.4	122.4	114.6	106.9	97.8	88.6	80.4	72.1	63.6	54.9	46.1
-82.5°	84.2	81.1	77.9	73.9	68.1	62.1	56.0	49.7	43.4	36.9	32.0
-85°	52.0	49.6	46.7	43.4	39.5	35.6	32.8	30.1	27.2	24.3	21.4
-87.5°	24.0	22.9	21.7	20.4	19.1	17.8	16.4	15.0	13.6	12.2	10.7
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-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°	9.2	7.7	6.2	4.6	3.1	1.4	0.0
85°	18.4	15.4	12.3	9.3	6.2	2.7	0.0
82.5°	27.6	23.1	18.5	13.9	9.3	4.1	0.0
80°	37.2	30.7	24.6	18.5	12.3	5.4	0.0
77.5°	50.7	39.4	30.7	23.1	15.3	6.7	0.0
75°	64.0	50.1	37.1	27.6	18.3	8.0	0.0
72.5°	77.1	60.6	45.2	32.0	21.1	9.3	0.0
70°	90.2	70.9	53.1	36.7	24.0	10.6	0.0
67.5°	105.1	80.9	60.9	42.3	26.7	11.8	0.0
65°	119.7	92.0	68.5	47.8	29.4	13.0	0.0
62.5°	134.1	103.9	75.9	53.2	31.9	14.1	0.0
60°	148.1	115.6	83.0	58.4	34.4	15.3	0.0
57.5°	163.4	127.0	92.0	63.4	37.6	16.4	0.0
55°	178.6	138.0	100.8	68.3	40.7	17.4	0.0
52.5°	193.3	149.0	109.4	72.9	43.8	18.4	0.0
50°	207.5	160.8	117.7	77.4	46.8	19.4	0.0
47.5°	221.4	172.2	125.6	82.1	49.7	20.3	0.0
45°	236.3	183.1	133.2	87.8	52.5	21.1	0.0
42.5°	250.4	193.5	140.5	93.2	55.2	21.9	0.0
40°	263.9	203.5	147.9	98.5	57.8	22.6	0.0
37.5°	276.7	212.9	155.4	103.7	60.2	23.3	0.0
35°	288.8	222.5	162.5	108.5	62.6	24.0	0.0
32.5°	300.1	231.9	169.1	113.1	64.8	24.5	0.0
30°	310.6	240.6	175.3	117.3	67.0	25.0	0.0
27.5°	320.4	248.7	181.2	121.2	68.9	25.5	0.0
25°	329.3	256.1	186.8	124.9	70.8	25.9	0.0
22.5°	337.3	262.7	191.8	128.2	72.5	26.2	0.0
20°	344.5	268.5	196.4	131.2	74.0	26.5	0.0
17.5°	350.5	273.4	200.4	133.8	75.4	26.7	0.0
15°	355.3	277.4	203.9	136.1	76.6	26.9	0.0
12.5°	359.3	280.6	206.9	138.0	77.7	27.0	0.0
10°	362.3	283.0	209.3	139.6	78.5	27.1	0.0
7.5°	364.4	284.6	211.2	140.9	79.2	27.0	0.0
5°	365.5	285.5	212.6	141.8	79.7	27.0	0.0
2.5°	365.7	285.5	213.4	142.3	80.0	26.9	0.0
0°	365.0	284.9	213.7	142.5	80.1	26.7	0.0
-2.5°	365.7	285.5	213.4	142.3	80.0	26.9	0.0
-5°	365.5	285.5	212.6	141.8	79.7	27.0	0.0
-7.5°	364.4	284.6	211.2	140.9	79.2	27.0	0.0
-10°	362.3	283.0	209.3	139.6	78.5	27.1	0.0
-12.5°	359.3	280.6	206.9	138.0	77.7	27.0	0.0
-15°	355.3	277.4	203.9	136.1	76.6	26.9	0.0
-17.5°	350.5	273.4	200.4	133.8	75.4	26.7	0.0
-20°	344.5	268.5	196.4	131.2	74.0	26.5	0.0

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	337.3	262.7	191.8	128.2	72.5	26.2	0.0
-25°	329.3	256.1	186.8	124.9	70.8	25.9	0.0
-27.5°	320.4	248.7	181.2	121.2	68.9	25.5	0.0
-30°	310.6	240.6	175.3	117.3	67.0	25.0	0.0
-32.5°	300.1	231.9	169.1	113.1	64.8	24.5	0.0
-35°	288.8	222.5	162.5	108.5	62.6	24.0	0.0
-37.5°	276.7	212.9	155.4	103.7	60.2	23.3	0.0
-40°	263.9	203.5	147.9	98.5	57.8	22.6	0.0
-42.5°	250.4	193.5	140.5	93.2	55.2	21.9	0.0
-45°	236.3	183.1	133.2	87.8	52.5	21.1	0.0
-47.5°	221.4	172.2	125.6	82.1	49.7	20.3	0.0
-50°	207.5	160.8	117.7	77.4	46.8	19.4	0.0
-52.5°	193.3	149.0	109.4	72.9	43.8	18.4	0.0
-55°	178.6	138.0	100.8	68.3	40.7	17.4	0.0
-57.5°	163.4	127.0	92.0	63.4	37.6	16.4	0.0
-60°	148.1	115.6	83.0	58.4	34.4	15.3	0.0
-62.5°	134.1	103.9	75.9	53.2	31.9	14.1	0.0
-65°	119.7	92.0	68.5	47.8	29.4	13.0	0.0
-67.5°	105.1	80.9	60.9	42.3	26.7	11.8	0.0
-70°	90.2	70.9	53.1	36.7	24.0	10.6	0.0
-72.5°	77.1	60.6	45.2	32.0	21.1	9.3	0.0
-75°	64.0	50.1	37.1	27.6	18.3	8.0	0.0
-77.5°	50.7	39.4	30.7	23.1	15.3	6.7	0.0
-80°	37.2	30.7	24.6	18.5	12.3	5.4	0.0
-82.5°	27.6	23.1	18.5	13.9	9.3	4.1	0.0
-85°	18.4	15.4	12.3	9.3	6.2	2.7	0.0
-87.5°	9.2	7.7	6.2	4.6	3.1	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)