

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: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627775 (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-750-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N129
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

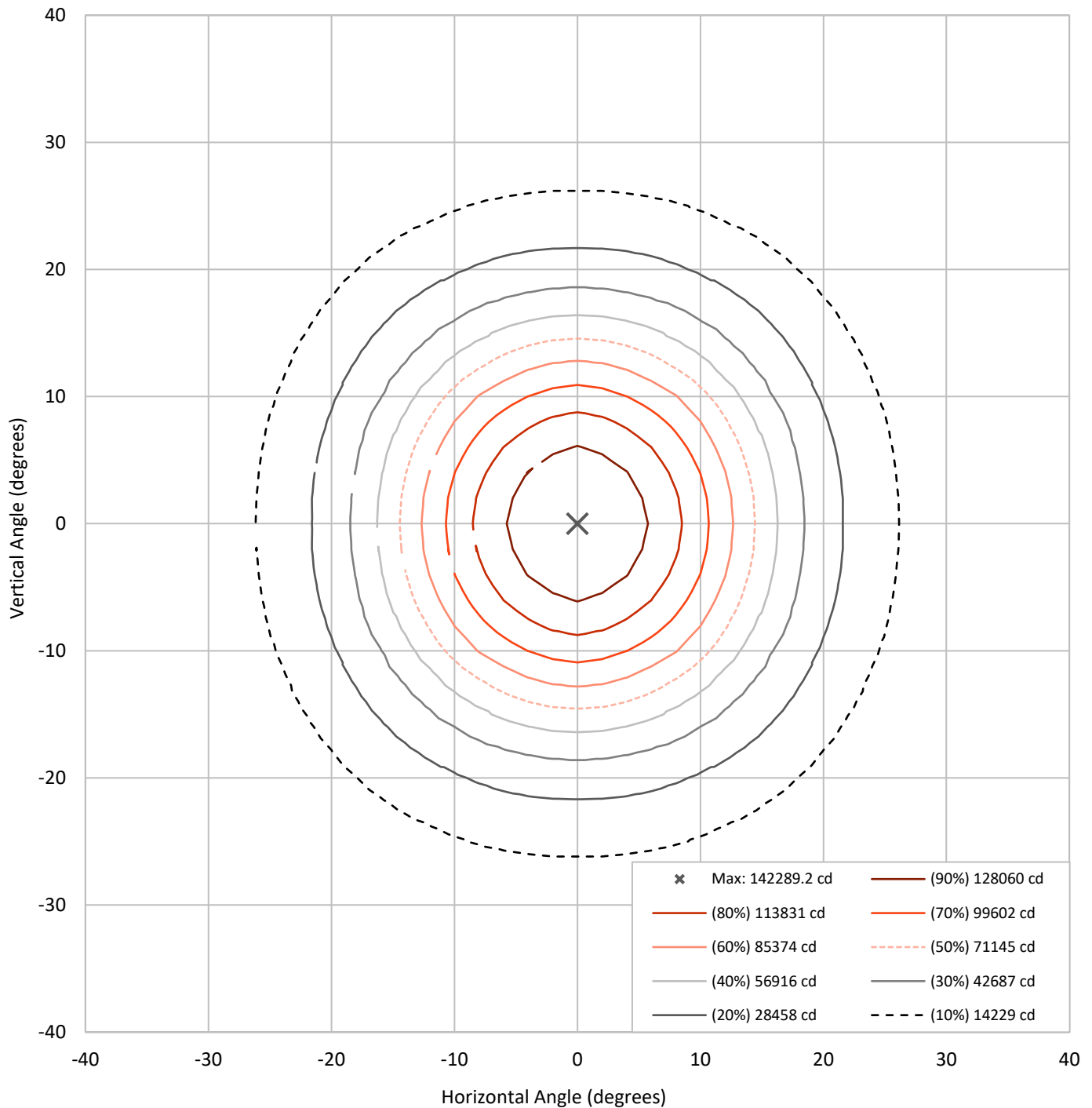
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	44456 lumens	Max Intensity:	142289.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.7 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:	21613.9 lumens	Field Lumens:	36475.5 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





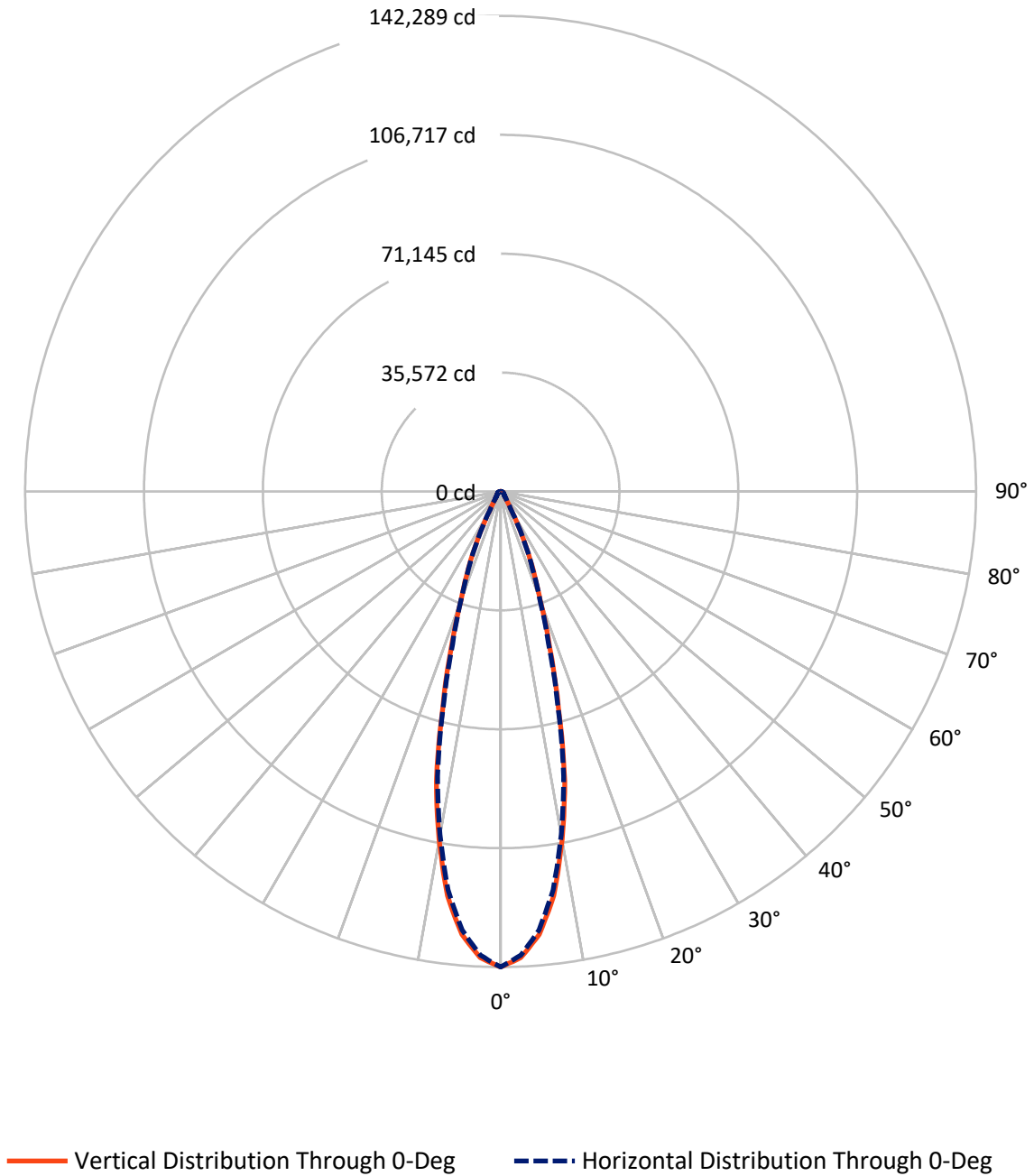
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Lumen Table

90																			
80	0.8	7.4		19.3		30.5		33.9		30.5		19.3		7.4		0.8			
70																			
60	3.3	3.8	7.7	12.6	17.6	21.5	24.0	25.3	25.3	24.0	21.5	17.6	12.6	7.7	3.8	3.3			
50		5.7	11.5	18.5	24.9	30.6	34.3	35.6	35.6	34.3	30.6	24.9	18.5	11.5	5.7				
40	5.9	7.3	14.7	22.9	30.5	38.5	45.2	48.6	48.6	45.2	38.5	30.5	22.9	14.7	7.3	5.9			
30		8.6	17.3	26.4	37.3	53.2	77.0	100.1	100.1	77.0	53.2	37.3	26.4	17.3	8.6				
20	7.5	9.6	18.9	29.7	47.8	103.9	292.6	519.0	519.0	292.6	103.9	47.8	29.7	18.9	9.6	7.5			
10		10.3	19.8	32.3	65.1	272.9	972.5	1863.5	1863.5	972.5	272.9	65.1	32.3	19.8	10.3				
0	8.1	10.7	20.2	34.0	82.7	471.0	1800.0	3540.5	3540.5	1800.0	471.0	82.7	34.0	20.2	10.7	8.1			
-10		10.7	20.2	34.0	82.7	471.0	1800.0	3540.5	3540.5	1800.0	471.0	82.7	34.0	20.2	10.7				
-20	7.5	10.3	19.8	32.3	65.1	272.9	972.5	1863.5	1863.5	972.5	272.9	65.1	32.3	19.8	10.3	7.5			
-30		9.6	18.9	29.7	47.8	103.9	292.6	519.0	519.0	292.6	103.9	47.8	29.7	18.9	9.6				
-40	5.9	8.6	17.3	26.4	37.3	53.2	77.0	100.1	100.1	77.0	53.2	37.3	26.4	17.3	8.6	5.9			
-50		7.3	14.7	22.9	30.5	38.5	45.2	48.6	48.6	45.2	38.5	30.5	22.9	14.7	7.3				
-60	3.3	5.7	11.5	18.5	24.9	30.6	34.3	35.6	35.6	34.3	30.6	24.9	18.5	11.5	5.7	3.3			
-70		3.8	7.7	12.6	17.6	21.5	24.0	25.3	25.3	24.0	21.5	17.6	12.6	7.7	3.8				
-80																			
-90	0.8	7.4		19.3		30.5		33.9		30.5		19.3		7.4		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

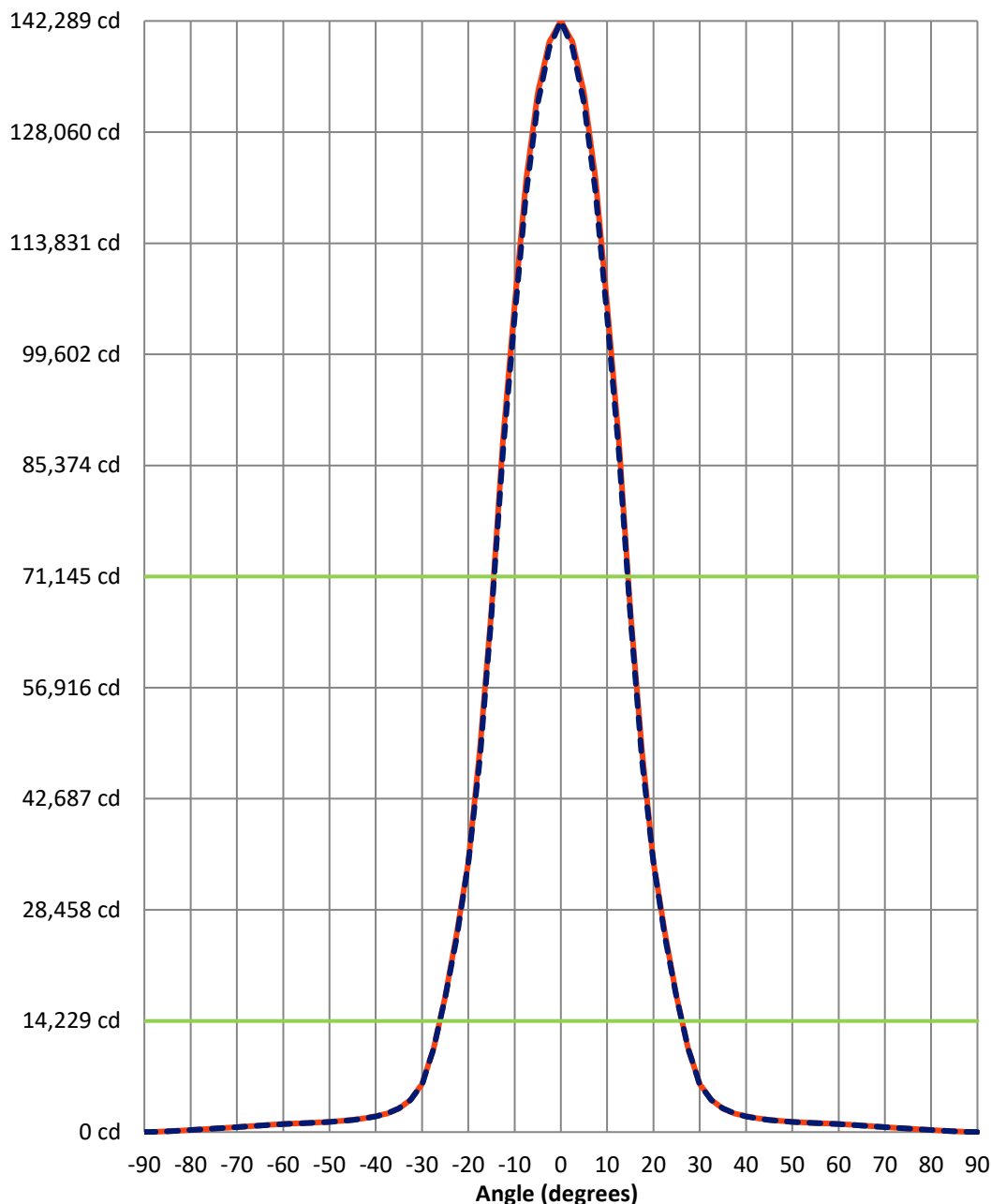
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 21613.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 36475.5
 Efficiency: 82.0%

Spill:
 Lumens: 7980.5
 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	1.6	3.2	4.8	6.3	7.9	9.4	11.0	12.5	14.0	15.4
85°	0.0	3.2	6.4	9.5	12.7	15.8	18.9	21.9	24.9	27.9	30.8
82.5°	0.0	4.8	9.5	14.3	19.0	23.6	28.3	32.8	38.1	46.8	55.8
80°	0.0	6.3	12.7	19.0	25.2	31.4	38.4	49.5	61.2	73.5	86.2
77.5°	0.0	7.9	15.8	23.6	31.4	41.2	54.7	69.0	84.1	99.9	117.3
75°	0.0	9.4	18.9	28.3	38.4	54.7	70.8	88.2	107.1	129.2	151.0
72.5°	0.0	11.0	21.9	32.8	49.1	68.0	86.8	108.3	134.0	159.3	184.3
70°	0.0	12.5	24.9	38.0	59.7	81.2	103.1	131.6	160.5	189.2	220.2
67.5°	0.0	14.0	27.9	45.8	70.0	94.1	123.0	154.5	186.7	221.7	256.3
65°	0.0	15.4	30.8	53.5	80.2	108.7	142.6	177.0	215.3	253.8	292.6
62.5°	0.0	16.8	33.7	61.0	90.2	124.7	161.8	200.8	243.3	285.5	330.0
60°	0.0	18.2	36.5	68.3	100.0	140.4	180.6	224.9	270.7	317.8	366.3
57.5°	0.0	19.6	41.2	75.5	112.1	155.7	200.3	248.3	297.8	348.9	402.3
55°	0.0	20.9	45.9	82.4	124.0	170.6	219.6	271.1	324.2	379.4	437.6
52.5°	0.0	22.2	50.4	89.2	135.6	185.2	238.2	293.1	349.5	410.2	471.8
50°	0.0	23.5	54.7	95.7	146.8	199.9	256.0	314.5	374.4	440.0	503.5
47.5°	0.0	24.7	58.9	102.4	157.6	214.0	273.1	335.1	399.9	468.8	533.4
45°	0.0	25.8	63.0	110.2	168.0	227.4	290.0	354.9	424.6	494.1	561.8
42.5°	0.0	26.9	66.8	117.7	178.0	240.2	306.2	374.7	447.9	518.0	587.9
40°	0.0	28.0	70.5	124.7	187.5	252.2	321.7	393.9	469.3	540.4	612.5
37.5°	0.0	29.0	74.0	131.2	196.6	263.5	336.3	411.9	488.4	561.9	635.8
35°	0.0	29.9	77.3	137.3	205.2	274.7	350.1	428.7	506.3	582.2	657.7
32.5°	0.0	30.8	80.4	143.0	213.1	285.4	363.2	444.2	523.1	601.2	679.0
30°	0.0	31.6	83.3	148.2	220.5	295.5	375.6	458.2	538.7	618.9	698.7
27.5°	0.0	32.4	86.0	152.9	227.1	304.7	386.8	470.7	553.0	635.1	716.9
25°	0.0	33.1	88.5	157.1	233.3	313.2	397.0	482.0	566.1	649.9	733.6
22.5°	0.0	33.7	90.7	160.8	239.0	320.8	406.1	492.2	577.9	663.3	750.3
20°	0.0	34.3	92.8	164.1	244.2	327.4	414.1	501.3	588.3	675.1	765.1
17.5°	0.0	34.8	94.6	166.9	248.9	333.1	421.4	509.2	597.3	685.4	778.0
15°	0.0	35.3	96.1	169.2	253.0	337.8	428.0	516.4	605.0	694.1	789.0
12.5°	0.0	35.6	97.5	171.1	256.5	341.6	433.8	523.3	612.2	701.2	798.0
10°	0.0	35.9	98.6	172.5	259.5	344.5	438.6	528.9	618.6	709.7	806.4
7.5°	0.0	36.2	99.4	173.4	261.8	346.4	442.4	533.3	623.7	717.3	815.6
5°	0.0	36.4	100.0	173.9	263.5	347.5	445.2	536.4	627.3	723.4	822.8
2.5°	0.0	36.5	100.4	173.9	264.6	347.7	446.9	538.3	629.5	727.9	828.0
0°	0.0	36.5	100.5	173.5	264.9	347.1	447.5	538.9	630.2	730.7	831.1
-2.5°	0.0	36.5	100.4	173.9	264.6	347.7	446.9	538.3	629.5	727.9	828.0
-5°	0.0	36.4	100.0	173.9	263.5	347.5	445.2	536.4	627.3	723.4	822.8
-7.5°	0.0	36.2	99.4	173.4	261.8	346.4	442.4	533.3	623.7	717.3	815.6
-10°	0.0	35.9	98.6	172.5	259.5	344.5	438.6	528.9	618.6	709.7	806.4
-12.5°	0.0	35.6	97.5	171.1	256.5	341.6	433.8	523.3	612.2	701.2	798.0
-15°	0.0	35.3	96.1	169.2	253.0	337.8	428.0	516.4	605.0	694.1	789.0
-17.5°	0.0	34.8	94.6	166.9	248.9	333.1	421.4	509.2	597.3	685.4	778.0
-20°	0.0	34.3	92.8	164.1	244.2	327.4	414.1	501.3	588.3	675.1	765.1

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CATALOG NUMBER: GFLD-SA5E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	33.7	90.7	160.8	239.0	320.8	406.1	492.2	577.9	663.3	750.3
-25°	0.0	33.1	88.5	157.1	233.3	313.2	397.0	482.0	566.1	649.9	733.6
-27.5°	0.0	32.4	86.0	152.9	227.1	304.7	386.8	470.7	553.0	635.1	716.9
-30°	0.0	31.6	83.3	148.2	220.5	295.5	375.6	458.2	538.7	618.9	698.7
-32.5°	0.0	30.8	80.4	143.0	213.1	285.4	363.2	444.2	523.1	601.2	679.0
-35°	0.0	29.9	77.3	137.3	205.2	274.7	350.1	428.7	506.3	582.2	657.7
-37.5°	0.0	29.0	74.0	131.2	196.6	263.5	336.3	411.9	488.4	561.9	635.8
-40°	0.0	28.0	70.5	124.7	187.5	252.2	321.7	393.9	469.3	540.4	612.5
-42.5°	0.0	26.9	66.8	117.7	178.0	240.2	306.2	374.7	447.9	518.0	587.9
-45°	0.0	25.8	63.0	110.2	168.0	227.4	290.0	354.9	424.6	494.1	561.8
-47.5°	0.0	24.7	58.9	102.4	157.6	214.0	273.1	335.1	399.9	468.8	533.4
-50°	0.0	23.5	54.7	95.7	146.8	199.9	256.0	314.5	374.4	440.0	503.5
-52.5°	0.0	22.2	50.4	89.2	135.6	185.2	238.2	293.1	349.5	410.2	471.8
-55°	0.0	20.9	45.9	82.4	124.0	170.6	219.6	271.1	324.2	379.4	437.6
-57.5°	0.0	19.6	41.2	75.5	112.1	155.7	200.3	248.3	297.8	348.9	402.3
-60°	0.0	18.2	36.5	68.3	100.0	140.4	180.6	224.9	270.7	317.8	366.3
-62.5°	0.0	16.8	33.7	61.0	90.2	124.7	161.8	200.8	243.3	285.5	330.0
-65°	0.0	15.4	30.8	53.5	80.2	108.7	142.6	177.0	215.3	253.8	292.6
-67.5°	0.0	14.0	27.9	45.8	70.0	94.1	123.0	154.5	186.7	221.7	256.3
-70°	0.0	12.5	24.9	38.0	59.7	81.2	103.1	131.6	160.5	189.2	220.2
-72.5°	0.0	11.0	21.9	32.8	49.1	68.0	86.8	108.3	134.0	159.3	184.3
-75°	0.0	9.4	18.9	28.3	38.4	54.7	70.8	88.2	107.1	129.2	151.0
-77.5°	0.0	7.9	15.8	23.6	31.4	41.2	54.7	69.0	84.1	99.9	117.3
-80°	0.0	6.3	12.7	19.0	25.2	31.4	38.4	49.5	61.2	73.5	86.2
-82.5°	0.0	4.8	9.5	14.3	19.0	23.6	28.3	32.8	38.1	46.8	55.8
-85°	0.0	3.2	6.4	9.5	12.7	15.8	18.9	21.9	24.9	27.9	30.8
-87.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.4	11.0	12.5	14.0	15.4
-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°	16.8	18.2	19.6	20.9	22.2	23.5	24.7	25.8	26.9	28.0	29.0
85°	33.7	36.5	41.9	47.2	52.3	57.3	62.1	66.7	71.1	75.3	79.3
82.5°	64.4	72.8	81.0	88.9	96.7	104.1	111.3	118.2	124.9	131.2	137.2
80°	97.9	109.0	120.3	130.6	140.8	150.8	160.4	169.6	178.5	188.0	198.0
77.5°	133.3	147.5	160.6	172.4	185.3	200.9	215.9	230.3	244.1	257.3	269.9
75°	169.7	186.0	203.8	221.4	239.9	258.5	276.7	294.1	311.1	328.6	346.0
72.5°	208.1	230.2	251.7	272.7	295.8	318.5	339.3	358.3	379.8	403.4	425.1
70°	248.8	274.3	301.4	328.3	354.5	379.8	405.6	431.5	457.7	483.2	507.5
67.5°	289.6	321.8	353.1	383.6	413.3	443.6	474.2	505.6	535.8	564.6	592.7
65°	333.2	369.1	404.2	438.3	471.4	508.3	544.6	579.6	617.9	653.3	684.2
62.5°	375.6	415.8	454.5	493.1	533.3	574.2	616.2	660.2	705.8	738.6	766.9
60°	416.4	461.7	504.8	549.1	594.0	640.1	688.5	735.3	777.0	812.8	842.6
57.5°	456.2	506.9	554.7	602.8	651.9	704.3	757.5	805.4	844.2	878.8	911.4
55°	494.7	550.9	601.8	652.9	708.7	770.3	824.7	868.0	907.6	936.2	967.5
52.5°	531.4	591.5	644.8	702.1	765.9	829.7	883.9	925.9	959.2	988.9	1019.3
50°	566.4	627.0	686.1	751.3	818.6	882.7	937.5	976.1	1009.6	1040.4	1069.7
47.5°	598.3	661.2	727.9	797.6	868.1	931.3	983.8	1023.2	1057.9	1089.6	1121.9
45°	628.3	695.8	766.8	843.1	915.3	978.0	1025.8	1068.1	1101.5	1137.1	1177.5
42.5°	657.0	729.1	806.2	887.5	961.2	1018.6	1064.9	1105.4	1143.9	1186.8	1231.8
40°	685.1	760.3	843.7	929.1	1004.2	1053.9	1100.4	1143.3	1187.7	1236.2	1285.4
37.5°	711.4	792.1	878.7	967.8	1035.8	1087.4	1135.4	1183.3	1233.1	1285.4	1346.5
35°	735.5	821.4	912.2	998.4	1063.6	1120.0	1171.4	1223.3	1279.1	1343.0	1410.3
32.5°	759.0	848.1	943.4	1024.2	1089.1	1149.2	1205.9	1264.7	1328.5	1398.9	1475.9
30°	782.1	874.2	970.7	1050.5	1111.7	1173.2	1239.8	1305.2	1376.2	1454.3	1544.7
27.5°	804.5	898.4	993.5	1071.2	1131.6	1194.1	1265.5	1345.1	1422.6	1508.2	1613.0
25°	825.1	923.3	1016.0	1087.6	1148.7	1214.2	1288.8	1373.5	1464.6	1566.4	1694.8
22.5°	844.5	945.7	1037.3	1101.5	1162.9	1231.7	1312.0	1401.5	1500.6	1618.5	1775.4
20°	862.7	963.2	1051.5	1114.4	1174.7	1245.8	1332.0	1426.3	1539.5	1682.4	1869.9
17.5°	878.6	978.0	1061.3	1124.8	1187.1	1260.2	1349.1	1447.2	1574.5	1738.7	1960.7
15°	892.1	990.1	1069.8	1132.9	1197.6	1275.1	1366.6	1473.5	1612.9	1793.9	2039.1
12.5°	903.3	999.6	1076.9	1138.7	1205.8	1286.1	1381.5	1498.9	1651.2	1854.1	2144.8
10°	912.1	1006.4	1082.5	1142.4	1211.6	1293.3	1393.2	1518.6	1682.2	1904.4	2235.3
7.5°	920.6	1012.6	1086.5	1143.9	1214.9	1297.0	1401.4	1532.6	1704.9	1942.2	2307.4
5°	926.8	1018.3	1088.8	1147.3	1217.0	1298.6	1406.9	1540.7	1719.1	1967.1	2358.4
2.5°	930.4	1021.8	1088.9	1149.9	1217.1	1299.3	1413.4	1545.2	1734.9	1988.1	2387.4
0°	931.6	1022.9	1086.9	1150.8	1214.7	1296.9	1415.7	1543.5	1744.5	2000.2	2393.0
-2.5°	930.4	1021.8	1088.9	1149.9	1217.1	1299.3	1413.4	1545.2	1734.9	1988.1	2387.4
-5°	926.8	1018.3	1088.8	1147.3	1217.0	1298.6	1406.9	1540.7	1719.1	1967.1	2358.4
-7.5°	920.6	1012.6	1086.5	1143.9	1214.9	1297.0	1401.4	1532.6	1704.9	1942.2	2307.4
-10°	912.1	1006.4	1082.5	1142.4	1211.6	1293.3	1393.2	1518.6	1682.2	1904.4	2235.3
-12.5°	903.3	999.6	1076.9	1138.7	1205.8	1286.1	1381.5	1498.9	1651.2	1854.1	2144.8
-15°	892.1	990.1	1069.8	1132.9	1197.6	1275.1	1366.6	1473.5	1612.9	1793.9	2039.1
-17.5°	878.6	978.0	1061.3	1124.8	1187.1	1260.2	1349.1	1447.2	1574.5	1738.7	1960.7
-20°	862.7	963.2	1051.5	1114.4	1174.7	1245.8	1332.0	1426.3	1539.5	1682.4	1869.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	844.5	945.7	1037.3	1101.5	1162.9	1231.7	1312.0	1401.5	1500.6	1618.5	1775.4
-25°	825.1	923.3	1016.0	1087.6	1148.7	1214.2	1288.8	1373.5	1464.6	1566.4	1694.8
-27.5°	804.5	898.4	993.5	1071.2	1131.6	1194.1	1265.5	1345.1	1422.6	1508.2	1613.0
-30°	782.1	874.2	970.7	1050.5	1111.7	1173.2	1239.8	1305.2	1376.2	1454.3	1544.7
-32.5°	759.0	848.1	943.4	1024.2	1089.1	1149.2	1205.9	1264.7	1328.5	1398.9	1475.9
-35°	735.5	821.4	912.2	998.4	1063.6	1120.0	1171.4	1223.3	1279.1	1343.0	1410.3
-37.5°	711.4	792.1	878.7	967.8	1035.8	1087.4	1135.4	1183.3	1233.1	1285.4	1346.5
-40°	685.1	760.3	843.7	929.1	1004.2	1053.9	1100.4	1143.3	1187.7	1236.2	1285.4
-42.5°	657.0	729.1	806.2	887.5	961.2	1018.6	1064.9	1105.4	1143.9	1186.8	1231.8
-45°	628.3	695.8	766.8	843.1	915.3	978.0	1025.8	1068.1	1101.5	1137.1	1177.5
-47.5°	598.3	661.2	727.9	797.6	868.1	931.3	983.8	1023.2	1057.9	1089.6	1121.9
-50°	566.4	627.0	686.1	751.3	818.6	882.7	937.5	976.1	1009.6	1040.4	1069.7
-52.5°	531.4	591.5	644.8	702.1	765.9	829.7	883.9	925.9	959.2	988.9	1019.3
-55°	494.7	550.9	601.8	652.9	708.7	770.3	824.7	868.0	907.6	936.2	967.5
-57.5°	456.2	506.9	554.7	602.8	651.9	704.3	757.5	805.4	844.2	878.8	911.4
-60°	416.4	461.7	504.8	549.1	594.0	640.1	688.5	735.3	777.0	812.8	842.6
-62.5°	375.6	415.8	454.5	493.1	533.3	574.2	616.2	660.2	705.8	738.6	766.9
-65°	333.2	369.1	404.2	438.3	471.4	508.3	544.6	579.6	617.9	653.3	684.2
-67.5°	289.6	321.8	353.1	383.6	413.3	443.6	474.2	505.6	535.8	564.6	592.7
-70°	248.8	274.3	301.4	328.3	354.5	379.8	405.6	431.5	457.7	483.2	507.5
-72.5°	208.1	230.2	251.7	272.7	295.8	318.5	339.3	358.3	379.8	403.4	425.1
-75°	169.7	186.0	203.8	221.4	239.9	258.5	276.7	294.1	311.1	328.6	346.0
-77.5°	133.3	147.5	160.6	172.4	185.3	200.9	215.9	230.3	244.1	257.3	269.9
-80°	97.9	109.0	120.3	130.6	140.8	150.8	160.4	169.6	178.5	188.0	198.0
-82.5°	64.4	72.8	81.0	88.9	96.7	104.1	111.3	118.2	124.9	131.2	137.2
-85°	33.7	36.5	41.9	47.2	52.3	57.3	62.1	66.7	71.1	75.3	79.3
-87.5°	16.8	18.2	19.6	20.9	22.2	23.5	24.7	25.8	26.9	28.0	29.0
-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: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	29.9	30.8	31.6	32.4	33.1	33.7	34.3	34.8	35.3	35.6	35.9
85°	83.1	86.7	90.0	93.0	95.9	96.6	96.8	96.7	96.2	97.5	98.6
82.5°	142.9	149.3	155.8	162.2	168.5	170.8	172.4	173.6	174.4	176.8	178.9
80°	207.5	217.6	226.9	235.3	242.8	248.1	252.9	257.4	261.5	263.4	264.3
77.5°	282.5	294.8	306.3	317.0	326.8	334.6	340.8	345.9	349.8	352.3	353.9
75°	363.3	378.9	392.7	405.5	417.3	425.6	431.3	435.6	438.4	441.5	443.9
72.5°	444.8	462.5	478.9	494.4	508.0	517.5	524.2	529.6	533.7	536.7	538.3
70°	530.6	551.7	569.9	585.4	597.6	606.8	614.0	619.8	624.2	627.3	628.9
67.5°	619.4	642.0	659.0	672.5	683.6	693.3	702.2	708.8	713.2	717.6	722.3
65°	709.9	732.9	750.3	764.7	776.3	788.8	800.3	808.8	814.5	819.7	824.9
62.5°	795.0	821.1	841.2	860.0	879.0	897.0	907.4	915.5	921.2	926.3	932.3
60°	872.4	901.9	926.5	949.3	972.6	995.9	1005.5	1013.1	1020.2	1026.9	1033.0
57.5°	941.0	972.3	1002.3	1024.8	1047.1	1068.9	1084.0	1092.3	1097.8	1100.9	1103.4
55°	1000.8	1032.1	1062.0	1087.9	1112.1	1134.5	1151.3	1159.4	1165.4	1169.2	1171.6
52.5°	1054.3	1087.8	1119.8	1148.6	1174.6	1198.8	1219.8	1231.0	1240.0	1246.3	1248.4
50°	1106.8	1143.2	1177.7	1208.5	1238.8	1267.8	1294.5	1309.9	1320.8	1327.4	1329.6
47.5°	1161.7	1201.1	1238.5	1274.2	1308.7	1343.1	1374.6	1395.7	1411.3	1422.8	1431.1
45°	1218.9	1261.3	1302.6	1344.8	1384.5	1428.7	1468.6	1499.3	1522.0	1541.7	1557.4
42.5°	1276.4	1324.0	1371.5	1425.9	1479.9	1530.2	1577.9	1618.6	1655.7	1692.0	1720.3
40°	1338.9	1391.0	1456.1	1520.4	1587.2	1645.7	1715.1	1777.3	1834.4	1896.0	1947.0
37.5°	1407.3	1474.3	1551.3	1628.4	1715.2	1799.3	1896.3	1991.8	2074.9	2182.8	2269.4
35°	1481.8	1566.6	1657.5	1761.1	1872.9	2004.9	2140.6	2299.9	2435.0	2606.5	2764.9
32.5°	1564.7	1664.5	1782.4	1924.8	2075.7	2287.8	2486.7	2756.5	2987.2	3284.9	3610.0
30°	1649.0	1778.0	1938.4	2122.3	2377.7	2678.6	3029.3	3485.6	3979.2	4489.8	5177.1
27.5°	1749.0	1916.5	2116.8	2400.7	2782.7	3199.2	3913.8	4685.4	5760.3	6611.3	8126.9
25°	1856.7	2064.0	2359.9	2771.4	3299.3	4142.1	5348.3	6745.1	8896.0	10809.3	13008.0
22.5°	1984.2	2265.8	2657.6	3196.4	4116.7	5566.7	7449.5	10317.8	13506.4	16653.5	19529.9
20°	2119.3	2459.4	3007.3	3884.9	5307.2	7403.9	10763.1	14861.7	19094.8	23407.8	27042.3
17.5°	2277.0	2738.9	3460.5	4626.2	6655.3	10245.1	14731.9	19943.6	25473.9	30977.3	35757.8
15°	2412.6	2983.2	3955.0	5700.9	8726.8	13216.9	18731.5	25313.6	32268.2	39410.5	47151.4
12.5°	2585.5	3277.7	4464.4	6589.5	10564.7	16400.8	23148.3	30790.3	39282.8	48766.0	60834.0
10°	2744.1	3586.5	5134.4	8013.2	12774.0	19374.9	26963.5	35633.7	46649.1	60900.0	75456.9
7.5°	2871.2	3831.3	5654.2	9124.1	14626.7	21915.6	30398.8	40793.9	54536.5	71506.1	88138.3
5°	2959.6	4001.1	6026.0	9963.5	16117.1	23857.3	32836.6	44597.8	61184.7	80187.6	97170.3
2.5°	3015.1	4093.9	6208.0	10461.9	17089.2	25025.9	34357.6	47015.3	65259.4	85714.1	102908.4
0°	3041.4	4110.0	6092.0	10704.3	17225.6	24943.3	34496.8	47822.5	66226.3	87214.8	104339.9
-2.5°	3015.1	4093.9	6208.0	10461.9	17089.2	25025.9	34357.6	47015.3	65259.4	85714.1	102908.4
-5°	2959.6	4001.1	6026.0	9963.5	16117.1	23857.3	32836.6	44597.8	61184.7	80187.6	97170.3
-7.5°	2871.2	3831.3	5654.2	9124.1	14626.7	21915.6	30398.8	40793.9	54536.5	71506.1	88138.3
-10°	2744.1	3586.5	5134.4	8013.2	12774.0	19374.9	26963.5	35633.7	46649.1	60900.0	75456.9
-12.5°	2585.5	3277.7	4464.4	6589.5	10564.7	16400.8	23148.3	30790.3	39282.8	48766.0	60834.0
-15°	2412.6	2983.2	3955.0	5700.9	8726.8	13216.9	18731.5	25313.6	32268.2	39410.5	47151.4
-17.5°	2277.0	2738.9	3460.5	4626.2	6655.3	10245.1	14731.9	19943.6	25473.9	30977.3	35757.8
-20°	2119.3	2459.4	3007.3	3884.9	5307.2	7403.9	10763.1	14861.7	19094.8	23407.8	27042.3

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1984.2	2265.8	2657.6	3196.4	4116.7	5566.7	7449.5	10317.8	13506.4	16653.5	19529.9
-25°	1856.7	2064.0	2359.9	2771.4	3299.3	4142.1	5348.3	6745.1	8896.0	10809.3	13008.0
-27.5°	1749.0	1916.5	2116.8	2400.7	2782.7	3199.2	3913.8	4685.4	5760.3	6611.3	8126.9
-30°	1649.0	1778.0	1938.4	2122.3	2377.7	2678.6	3029.3	3485.6	3979.2	4489.8	5177.1
-32.5°	1564.7	1664.5	1782.4	1924.8	2075.7	2287.8	2486.7	2756.5	2987.2	3284.9	3610.0
-35°	1481.8	1566.6	1657.5	1761.1	1872.9	2004.9	2140.6	2299.9	2435.0	2606.5	2764.9
-37.5°	1407.3	1474.3	1551.3	1628.4	1715.2	1799.3	1896.3	1991.8	2074.9	2182.8	2269.4
-40°	1338.9	1391.0	1456.1	1520.4	1587.2	1645.7	1715.1	1777.3	1834.4	1896.0	1947.0
-42.5°	1276.4	1324.0	1371.5	1425.9	1479.9	1530.2	1577.9	1618.6	1655.7	1692.0	1720.3
-45°	1218.9	1261.3	1302.6	1344.8	1384.5	1428.7	1468.6	1499.3	1522.0	1541.7	1557.4
-47.5°	1161.7	1201.1	1238.5	1274.2	1308.7	1343.1	1374.6	1395.7	1411.3	1422.8	1431.1
-50°	1106.8	1143.2	1177.7	1208.5	1238.8	1267.8	1294.5	1309.9	1320.8	1327.4	1329.6
-52.5°	1054.3	1087.8	1119.8	1148.6	1174.6	1198.8	1219.8	1231.0	1240.0	1246.3	1248.4
-55°	1000.8	1032.1	1062.0	1087.9	1112.1	1134.5	1151.3	1159.4	1165.4	1169.2	1171.6
-57.5°	941.0	972.3	1002.3	1024.8	1047.1	1068.9	1084.0	1092.3	1097.8	1100.9	1103.4
-60°	872.4	901.9	926.5	949.3	972.6	995.9	1005.5	1013.1	1020.2	1026.9	1033.0
-62.5°	795.0	821.1	841.2	860.0	879.0	897.0	907.4	915.5	921.2	926.3	932.3
-65°	709.9	732.9	750.3	764.7	776.3	788.8	800.3	808.8	814.5	819.7	824.9
-67.5°	619.4	642.0	659.0	672.5	683.6	693.3	702.2	708.8	713.2	717.6	722.3
-70°	530.6	551.7	569.9	585.4	597.6	606.8	614.0	619.8	624.2	627.3	628.9
-72.5°	444.8	462.5	478.9	494.4	508.0	517.5	524.2	529.6	533.7	536.7	538.3
-75°	363.3	378.9	392.7	405.5	417.3	425.6	431.3	435.6	438.4	441.5	443.9
-77.5°	282.5	294.8	306.3	317.0	326.8	334.6	340.8	345.9	349.8	352.3	353.9
-80°	207.5	217.6	226.9	235.3	242.8	248.1	252.9	257.4	261.5	263.4	264.3
-82.5°	142.9	149.3	155.8	162.2	168.5	170.8	172.4	173.6	174.4	176.8	178.9
-85°	83.1	86.7	90.0	93.0	95.9	96.6	96.8	96.7	96.2	97.5	98.6
-87.5°	29.9	30.8	31.6	32.4	33.1	33.7	34.3	34.8	35.3	35.6	35.9
-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: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	36.2	36.4	36.5	36.5	36.5	36.4	36.2	35.9	35.6	35.3	34.8
85°	99.4	100.0	100.4	100.5	100.4	100.0	99.4	98.6	97.5	96.2	96.7
82.5°	180.6	181.8	182.5	182.7	182.5	181.8	180.6	178.9	176.8	174.4	173.6
80°	264.4	263.7	264.6	264.9	264.6	263.7	264.4	264.3	263.4	261.5	257.4
77.5°	354.7	354.5	355.8	356.2	355.8	354.5	354.7	353.9	352.3	349.8	345.9
75°	445.2	445.5	447.0	447.5	447.0	445.5	445.2	443.9	441.5	438.4	435.6
72.5°	538.3	536.8	538.3	538.9	538.3	536.8	538.3	538.3	536.7	533.7	529.6
70°	629.1	627.9	633.7	639.3	633.7	627.9	629.1	628.9	627.3	624.2	619.8
67.5°	725.6	727.5	734.0	739.8	734.0	727.5	725.6	722.3	717.6	713.2	708.8
65°	827.6	827.9	834.2	840.3	834.2	827.9	827.6	824.9	819.7	814.5	808.8
62.5°	935.8	936.9	943.5	949.9	943.5	936.9	935.8	932.3	926.3	921.2	915.5
60°	1036.5	1037.5	1040.0	1041.2	1040.0	1037.5	1036.5	1033.0	1026.9	1020.2	1013.1
57.5°	1104.2	1103.2	1104.2	1105.1	1104.2	1103.2	1104.2	1103.4	1100.9	1097.8	1092.3
55°	1171.1	1168.1	1164.6	1159.9	1164.6	1168.1	1171.1	1171.6	1169.2	1165.4	1159.4
52.5°	1246.7	1241.9	1237.5	1233.0	1237.5	1241.9	1246.7	1248.4	1246.3	1240.0	1231.0
50°	1328.2	1323.8	1319.6	1315.2	1319.6	1323.8	1328.2	1329.6	1327.4	1320.8	1309.9
47.5°	1436.7	1438.6	1437.8	1433.9	1437.8	1438.6	1436.7	1431.1	1422.8	1411.3	1395.7
45°	1568.6	1573.8	1574.4	1570.9	1574.4	1573.8	1568.6	1557.4	1541.7	1522.0	1499.3
42.5°	1740.3	1751.9	1758.3	1762.7	1758.3	1751.9	1740.3	1720.3	1692.0	1655.7	1618.6
40°	1984.1	2007.7	2022.7	2036.7	2022.7	2007.7	1984.1	1947.0	1896.0	1834.4	1777.3
37.5°	2333.6	2376.5	2395.6	2383.8	2395.6	2376.5	2333.6	2269.4	2182.8	2074.9	1991.8
35°	2886.8	2968.2	3010.6	3014.0	3010.6	2968.2	2886.8	2764.9	2606.5	2435.0	2299.9
32.5°	3850.3	4017.0	4106.6	4119.2	4106.6	4017.0	3850.3	3610.0	3284.9	2987.2	2756.5
30°	5703.3	6043.3	6202.9	6165.0	6202.9	6043.3	5703.3	5177.1	4489.8	3979.2	3485.6
27.5°	9305.1	10152.8	10655.2	10695.2	10655.2	10152.8	9305.1	8126.9	6611.3	5760.3	4685.4
25°	14955.5	16402.7	17329.3	17344.3	17329.3	16402.7	14955.5	13008.0	10809.3	8896.0	6745.1
22.5°	22189.7	24165.2	25247.5	25436.5	25247.5	24165.2	22189.7	19529.9	16653.5	13506.4	10317.8
20°	30570.8	33198.8	34604.8	34606.4	34604.8	33198.8	30570.8	27042.3	23407.8	19094.8	14861.7
17.5°	40892.6	45159.7	47838.4	48991.5	47838.4	45159.7	40892.6	35757.8	30977.3	25473.9	19943.6
15°	54605.2	61776.0	66073.0	66847.3	66073.0	61776.0	54605.2	47151.4	39410.5	32268.2	25313.6
12.5°	71301.9	80376.8	86476.9	88712.7	86476.9	80376.8	71301.9	60834.0	48766.0	39282.8	30790.3
10°	88734.7	97143.1	103678.3	105874.4	103678.3	97143.1	88734.7	75456.9	60900.0	46649.1	35633.7
7.5°	101328.6	111355.1	118716.5	121949.1	118716.5	111355.1	101328.6	88138.3	71506.1	54536.5	40793.9
5°	111270.1	123134.1	129986.6	133027.9	129986.6	123134.1	111270.1	97170.3	80187.6	61184.7	44597.8
2.5°	117792.9	129515.6	136772.2	139576.6	136772.2	129515.6	117792.9	102908.4	85714.1	65259.4	47015.3
0°	120232.1	131694.5	138864.2	142289.2	138864.2	131694.5	120232.1	104339.9	87214.8	66226.3	47822.5
-2.5°	117792.9	129515.6	136772.2	139576.6	136772.2	129515.6	117792.9	102908.4	85714.1	65259.4	47015.3
-5°	111270.1	123134.1	129986.6	133027.9	129986.6	123134.1	111270.1	97170.3	80187.6	61184.7	44597.8
-7.5°	101328.6	111355.1	118716.5	121949.1	118716.5	111355.1	101328.6	88138.3	71506.1	54536.5	40793.9
-10°	88734.7	97143.1	103678.3	105874.4	103678.3	97143.1	88734.7	75456.9	60900.0	46649.1	35633.7
-12.5°	71301.9	80376.8	86476.9	88712.7	86476.9	80376.8	71301.9	60834.0	48766.0	39282.8	30790.3
-15°	54605.2	61776.0	66073.0	66847.3	66073.0	61776.0	54605.2	47151.4	39410.5	32268.2	25313.6
-17.5°	40892.6	45159.7	47838.4	48991.5	47838.4	45159.7	40892.6	35757.8	30977.3	25473.9	19943.6
-20°	30570.8	33198.8	34604.8	34606.4	34604.8	33198.8	30570.8	27042.3	23407.8	19094.8	14861.7



REPORT NUMBER: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22189.7	24165.2	25247.5	25436.5	25247.5	24165.2	22189.7	19529.9	16653.5	13506.4	10317.8
-25°	14955.5	16402.7	17329.3	17344.3	17329.3	16402.7	14955.5	13008.0	10809.3	8896.0	6745.1
-27.5°	9305.1	10152.8	10655.2	10695.2	10655.2	10152.8	9305.1	8126.9	6611.3	5760.3	4685.4
-30°	5703.3	6043.3	6202.9	6165.0	6202.9	6043.3	5703.3	5177.1	4489.8	3979.2	3485.6
-32.5°	3850.3	4017.0	4106.6	4119.2	4106.6	4017.0	3850.3	3610.0	3284.9	2987.2	2756.5
-35°	2886.8	2968.2	3010.6	3014.0	3010.6	2968.2	2886.8	2764.9	2606.5	2435.0	2299.9
-37.5°	2333.6	2376.5	2395.6	2383.8	2395.6	2376.5	2333.6	2269.4	2182.8	2074.9	1991.8
-40°	1984.1	2007.7	2022.7	2036.7	2022.7	2007.7	1984.1	1947.0	1896.0	1834.4	1777.3
-42.5°	1740.3	1751.9	1758.3	1762.7	1758.3	1751.9	1740.3	1720.3	1692.0	1655.7	1618.6
-45°	1568.6	1573.8	1574.4	1570.9	1574.4	1573.8	1568.6	1557.4	1541.7	1522.0	1499.3
-47.5°	1436.7	1438.6	1437.8	1433.9	1437.8	1438.6	1436.7	1431.1	1422.8	1411.3	1395.7
-50°	1328.2	1323.8	1319.6	1315.2	1319.6	1323.8	1328.2	1329.6	1327.4	1320.8	1309.9
-52.5°	1246.7	1241.9	1237.5	1233.0	1237.5	1241.9	1246.7	1248.4	1246.3	1240.0	1231.0
-55°	1171.1	1168.1	1164.6	1159.9	1164.6	1168.1	1171.1	1171.6	1169.2	1165.4	1159.4
-57.5°	1104.2	1103.2	1104.2	1105.1	1104.2	1103.2	1104.2	1103.4	1100.9	1097.8	1092.3
-60°	1036.5	1037.5	1040.0	1041.2	1040.0	1037.5	1036.5	1033.0	1026.9	1020.2	1013.1
-62.5°	935.8	936.9	943.5	949.9	943.5	936.9	935.8	932.3	926.3	921.2	915.5
-65°	827.6	827.9	834.2	840.3	834.2	827.9	827.6	824.9	819.7	814.5	808.8
-67.5°	725.6	727.5	734.0	739.8	734.0	727.5	725.6	722.3	717.6	713.2	708.8
-70°	629.1	627.9	633.7	639.3	633.7	627.9	629.1	628.9	627.3	624.2	619.8
-72.5°	538.3	536.8	538.3	538.9	538.3	536.8	538.3	538.3	536.7	533.7	529.6
-75°	445.2	445.5	447.0	447.5	447.0	445.5	445.2	443.9	441.5	438.4	435.6
-77.5°	354.7	354.5	355.8	356.2	355.8	354.5	354.7	353.9	352.3	349.8	345.9
-80°	264.4	263.7	264.6	264.9	264.6	263.7	264.4	264.3	263.4	261.5	257.4
-82.5°	180.6	181.8	182.5	182.7	182.5	181.8	180.6	178.9	176.8	174.4	173.6
-85°	99.4	100.0	100.4	100.5	100.4	100.0	99.4	98.6	97.5	96.2	96.7
-87.5°	36.2	36.4	36.5	36.5	36.5	36.4	36.2	35.9	35.6	35.3	34.8
-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: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	34.3	33.7	33.1	32.4	31.6	30.8	29.9	29.0	28.0	26.9	25.8
85°	96.8	96.6	95.9	93.0	90.0	86.7	83.1	79.3	75.3	71.1	66.7
82.5°	172.4	170.8	168.5	162.2	155.8	149.3	142.9	137.2	131.2	124.9	118.2
80°	252.9	248.1	242.8	235.3	226.9	217.6	207.5	198.0	188.0	178.5	169.6
77.5°	340.8	334.6	326.8	317.0	306.3	294.8	282.5	269.9	257.3	244.1	230.3
75°	431.3	425.6	417.3	405.5	392.7	378.9	363.3	346.0	328.6	311.1	294.1
72.5°	524.2	517.5	508.0	494.4	478.9	462.5	444.8	425.1	403.4	379.8	358.3
70°	614.0	606.8	597.6	585.4	569.9	551.7	530.6	507.5	483.2	457.7	431.5
67.5°	702.2	693.3	683.6	672.5	659.0	642.0	619.4	592.7	564.6	535.8	505.6
65°	800.3	788.8	776.3	764.7	750.3	732.9	709.9	684.2	653.3	617.9	579.6
62.5°	907.4	897.0	879.0	860.0	841.2	821.1	795.0	766.9	738.6	705.8	660.2
60°	1005.5	995.9	972.6	949.3	926.5	901.9	872.4	842.6	812.8	777.0	735.3
57.5°	1084.0	1068.9	1047.1	1024.8	1002.3	972.3	941.0	911.4	878.8	844.2	805.4
55°	1151.3	1134.5	1112.1	1087.9	1062.0	1032.1	1000.8	967.5	936.2	907.6	868.0
52.5°	1219.8	1198.8	1174.6	1148.6	1119.8	1087.8	1054.3	1019.3	988.9	959.2	925.9
50°	1294.5	1267.8	1238.8	1208.5	1177.7	1143.2	1106.8	1069.7	1040.4	1009.6	976.1
47.5°	1374.6	1343.1	1308.7	1274.2	1238.5	1201.1	1161.7	1121.9	1089.6	1057.9	1023.2
45°	1468.6	1428.7	1384.5	1344.8	1302.6	1261.3	1218.9	1177.5	1137.1	1101.5	1068.1
42.5°	1577.9	1530.2	1479.9	1425.9	1371.5	1324.0	1276.4	1231.8	1186.8	1143.9	1105.4
40°	1715.1	1645.7	1587.2	1520.4	1456.1	1391.0	1338.9	1285.4	1236.2	1187.7	1143.3
37.5°	1896.3	1799.3	1715.2	1628.4	1551.3	1474.3	1407.3	1346.5	1285.4	1233.1	1183.3
35°	2140.6	2004.9	1872.9	1761.1	1657.5	1566.6	1481.8	1410.3	1343.0	1279.1	1223.3
32.5°	2486.7	2287.8	2075.7	1924.8	1782.4	1664.5	1564.7	1475.9	1398.9	1328.5	1264.7
30°	3029.3	2678.6	2377.7	2122.3	1938.4	1778.0	1649.0	1544.7	1454.3	1376.2	1305.2
27.5°	3913.8	3199.2	2782.7	2400.7	2116.8	1916.5	1749.0	1613.0	1508.2	1422.6	1345.1
25°	5348.3	4142.1	3299.3	2771.4	2359.9	2064.0	1856.7	1694.8	1566.4	1464.6	1373.5
22.5°	7449.5	5566.7	4116.7	3196.4	2657.6	2265.8	1984.2	1775.4	1618.5	1500.6	1401.5
20°	10763.1	7403.9	5307.2	3884.9	3007.3	2459.4	2119.3	1869.9	1682.4	1539.5	1426.3
17.5°	14731.9	10245.1	6655.3	4626.2	3460.5	2738.9	2277.0	1960.7	1738.7	1574.5	1447.2
15°	18731.5	13216.9	8726.8	5700.9	3955.0	2983.2	2412.6	2039.1	1793.9	1612.9	1473.5
12.5°	23148.3	16400.8	10564.7	6589.5	4464.4	3277.7	2585.5	2144.8	1854.1	1651.2	1498.9
10°	26963.5	19374.9	12774.0	8013.2	5134.4	3586.5	2744.1	2235.3	1904.4	1682.2	1518.6
7.5°	30398.8	21915.6	14626.7	9124.1	5654.2	3831.3	2871.2	2307.4	1942.2	1704.9	1532.6
5°	32836.6	23857.3	16117.1	9963.5	6026.0	4001.1	2959.6	2358.4	1967.1	1719.1	1540.7
2.5°	34357.6	25025.9	17089.2	10461.9	6208.0	4093.9	3015.1	2387.4	1988.1	1734.9	1545.2
0°	34496.8	24943.3	17225.6	10704.3	6092.0	4110.0	3041.4	2393.0	2000.2	1744.5	1543.5
-2.5°	34357.6	25025.9	17089.2	10461.9	6208.0	4093.9	3015.1	2387.4	1988.1	1734.9	1545.2
-5°	32836.6	23857.3	16117.1	9963.5	6026.0	4001.1	2959.6	2358.4	1967.1	1719.1	1540.7
-7.5°	30398.8	21915.6	14626.7	9124.1	5654.2	3831.3	2871.2	2307.4	1942.2	1704.9	1532.6
-10°	26963.5	19374.9	12774.0	8013.2	5134.4	3586.5	2744.1	2235.3	1904.4	1682.2	1518.6
-12.5°	23148.3	16400.8	10564.7	6589.5	4464.4	3277.7	2585.5	2144.8	1854.1	1651.2	1498.9
-15°	18731.5	13216.9	8726.8	5700.9	3955.0	2983.2	2412.6	2039.1	1793.9	1612.9	1473.5
-17.5°	14731.9	10245.1	6655.3	4626.2	3460.5	2738.9	2277.0	1960.7	1738.7	1574.5	1447.2
-20°	10763.1	7403.9	5307.2	3884.9	3007.3	2459.4	2119.3	1869.9	1682.4	1539.5	1426.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7449.5	5566.7	4116.7	3196.4	2657.6	2265.8	1984.2	1775.4	1618.5	1500.6	1401.5
-25°	5348.3	4142.1	3299.3	2771.4	2359.9	2064.0	1856.7	1694.8	1566.4	1464.6	1373.5
-27.5°	3913.8	3199.2	2782.7	2400.7	2116.8	1916.5	1749.0	1613.0	1508.2	1422.6	1345.1
-30°	3029.3	2678.6	2377.7	2122.3	1938.4	1778.0	1649.0	1544.7	1454.3	1376.2	1305.2
-32.5°	2486.7	2287.8	2075.7	1924.8	1782.4	1664.5	1564.7	1475.9	1398.9	1328.5	1264.7
-35°	2140.6	2004.9	1872.9	1761.1	1657.5	1566.6	1481.8	1410.3	1343.0	1279.1	1223.3
-37.5°	1896.3	1799.3	1715.2	1628.4	1551.3	1474.3	1407.3	1346.5	1285.4	1233.1	1183.3
-40°	1715.1	1645.7	1587.2	1520.4	1456.1	1391.0	1338.9	1285.4	1236.2	1187.7	1143.3
-42.5°	1577.9	1530.2	1479.9	1425.9	1371.5	1324.0	1276.4	1231.8	1186.8	1143.9	1105.4
-45°	1468.6	1428.7	1384.5	1344.8	1302.6	1261.3	1218.9	1177.5	1137.1	1101.5	1068.1
-47.5°	1374.6	1343.1	1308.7	1274.2	1238.5	1201.1	1161.7	1121.9	1089.6	1057.9	1023.2
-50°	1294.5	1267.8	1238.8	1208.5	1177.7	1143.2	1106.8	1069.7	1040.4	1009.6	976.1
-52.5°	1219.8	1198.8	1174.6	1148.6	1119.8	1087.8	1054.3	1019.3	988.9	959.2	925.9
-55°	1151.3	1134.5	1112.1	1087.9	1062.0	1032.1	1000.8	967.5	936.2	907.6	868.0
-57.5°	1084.0	1068.9	1047.1	1024.8	1002.3	972.3	941.0	911.4	878.8	844.2	805.4
-60°	1005.5	995.9	972.6	949.3	926.5	901.9	872.4	842.6	812.8	777.0	735.3
-62.5°	907.4	897.0	879.0	860.0	841.2	821.1	795.0	766.9	738.6	705.8	660.2
-65°	800.3	788.8	776.3	764.7	750.3	732.9	709.9	684.2	653.3	617.9	579.6
-67.5°	702.2	693.3	683.6	672.5	659.0	642.0	619.4	592.7	564.6	535.8	505.6
-70°	614.0	606.8	597.6	585.4	569.9	551.7	530.6	507.5	483.2	457.7	431.5
-72.5°	524.2	517.5	508.0	494.4	478.9	462.5	444.8	425.1	403.4	379.8	358.3
-75°	431.3	425.6	417.3	405.5	392.7	378.9	363.3	346.0	328.6	311.1	294.1
-77.5°	340.8	334.6	326.8	317.0	306.3	294.8	282.5	269.9	257.3	244.1	230.3
-80°	252.9	248.1	242.8	235.3	226.9	217.6	207.5	198.0	188.0	178.5	169.6
-82.5°	172.4	170.8	168.5	162.2	155.8	149.3	142.9	137.2	131.2	124.9	118.2
-85°	96.8	96.6	95.9	93.0	90.0	86.7	83.1	79.3	75.3	71.1	66.7
-87.5°	34.3	33.7	33.1	32.4	31.6	30.8	29.9	29.0	28.0	26.9	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: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-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°	24.7	23.5	22.2	20.9	19.6	18.2	16.8	15.4	14.0	12.5	11.0
85°	62.1	57.3	52.3	47.2	41.9	36.5	33.7	30.8	27.9	24.9	21.9
82.5°	111.3	104.1	96.7	88.9	81.0	72.8	64.4	55.8	46.8	38.1	32.8
80°	160.4	150.8	140.8	130.6	120.3	109.0	97.9	86.2	73.5	61.2	49.5
77.5°	215.9	200.9	185.3	172.4	160.6	147.5	133.3	117.3	99.9	84.1	69.0
75°	276.7	258.5	239.9	221.4	203.8	186.0	169.7	151.0	129.2	107.1	88.2
72.5°	339.3	318.5	295.8	272.7	251.7	230.2	208.1	184.3	159.3	134.0	108.3
70°	405.6	379.8	354.5	328.3	301.4	274.3	248.8	220.2	189.2	160.5	131.6
67.5°	474.2	443.6	413.3	383.6	353.1	321.8	289.6	256.3	221.7	186.7	154.5
65°	544.6	508.3	471.4	438.3	404.2	369.1	333.2	292.6	253.8	215.3	177.0
62.5°	616.2	574.2	533.3	493.1	454.5	415.8	375.6	330.0	285.5	243.3	200.8
60°	688.5	640.1	594.0	549.1	504.8	461.7	416.4	366.3	317.8	270.7	224.9
57.5°	757.5	704.3	651.9	602.8	554.7	506.9	456.2	402.3	348.9	297.8	248.3
55°	824.7	770.3	708.7	652.9	601.8	550.9	494.7	437.6	379.4	324.2	271.1
52.5°	883.9	829.7	765.9	702.1	644.8	591.5	531.4	471.8	410.2	349.5	293.1
50°	937.5	882.7	818.6	751.3	686.1	627.0	566.4	503.5	440.0	374.4	314.5
47.5°	983.8	931.3	868.1	797.6	727.9	661.2	598.3	533.4	468.8	399.9	335.1
45°	1025.8	978.0	915.3	843.1	766.8	695.8	628.3	561.8	494.1	424.6	354.9
42.5°	1064.9	1018.6	961.2	887.5	806.2	729.1	657.0	587.9	518.0	447.9	374.7
40°	1100.4	1053.9	1004.2	929.1	843.7	760.3	685.1	612.5	540.4	469.3	393.9
37.5°	1135.4	1087.4	1035.8	967.8	878.7	792.1	711.4	635.8	561.9	488.4	411.9
35°	1171.4	1120.0	1063.6	998.4	912.2	821.4	735.5	657.7	582.2	506.3	428.7
32.5°	1205.9	1149.2	1089.1	1024.2	943.4	848.1	759.0	679.0	601.2	523.1	444.2
30°	1239.8	1173.2	1111.7	1050.5	970.7	874.2	782.1	698.7	618.9	538.7	458.2
27.5°	1265.5	1194.1	1131.6	1071.2	993.5	898.4	804.5	716.9	635.1	553.0	470.7
25°	1288.8	1214.2	1148.7	1087.6	1016.0	923.3	825.1	733.6	649.9	566.1	482.0
22.5°	1312.0	1231.7	1162.9	1101.5	1037.3	945.7	844.5	750.3	663.3	577.9	492.2
20°	1332.0	1245.8	1174.7	1114.4	1051.5	963.2	862.7	765.1	675.1	588.3	501.3
17.5°	1349.1	1260.2	1187.1	1124.8	1061.3	978.0	878.6	778.0	685.4	597.3	509.2
15°	1366.6	1275.1	1197.6	1132.9	1069.8	990.1	892.1	789.0	694.1	605.0	516.4
12.5°	1381.5	1286.1	1205.8	1138.7	1076.9	999.6	903.3	798.0	701.2	612.2	523.3
10°	1393.2	1293.3	1211.6	1142.4	1082.5	1006.4	912.1	806.4	709.7	618.6	528.9
7.5°	1401.4	1297.0	1214.9	1143.9	1086.5	1012.6	920.6	815.6	717.3	623.7	533.3
5°	1406.9	1298.6	1217.0	1147.3	1088.8	1018.3	926.8	822.8	723.4	627.3	536.4
2.5°	1413.4	1299.3	1217.1	1149.9	1088.9	1021.8	930.4	828.0	727.9	629.5	538.3
0°	1415.7	1296.9	1214.7	1150.8	1086.9	1022.9	931.6	831.1	730.7	630.2	538.9
-2.5°	1413.4	1299.3	1217.1	1149.9	1088.9	1021.8	930.4	828.0	727.9	629.5	538.3
-5°	1406.9	1298.6	1217.0	1147.3	1088.8	1018.3	926.8	822.8	723.4	627.3	536.4
-7.5°	1401.4	1297.0	1214.9	1143.9	1086.5	1012.6	920.6	815.6	717.3	623.7	533.3
-10°	1393.2	1293.3	1211.6	1142.4	1082.5	1006.4	912.1	806.4	709.7	618.6	528.9
-12.5°	1381.5	1286.1	1205.8	1138.7	1076.9	999.6	903.3	798.0	701.2	612.2	523.3
-15°	1366.6	1275.1	1197.6	1132.9	1069.8	990.1	892.1	789.0	694.1	605.0	516.4
-17.5°	1349.1	1260.2	1187.1	1124.8	1061.3	978.0	878.6	778.0	685.4	597.3	509.2
-20°	1332.0	1245.8	1174.7	1114.4	1051.5	963.2	862.7	765.1	675.1	588.3	501.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	1312.0	1231.7	1162.9	1101.5	1037.3	945.7	844.5	750.3	663.3	577.9	492.2
-25°	1288.8	1214.2	1148.7	1087.6	1016.0	923.3	825.1	733.6	649.9	566.1	482.0
-27.5°	1265.5	1194.1	1131.6	1071.2	993.5	898.4	804.5	716.9	635.1	553.0	470.7
-30°	1239.8	1173.2	1111.7	1050.5	970.7	874.2	782.1	698.7	618.9	538.7	458.2
-32.5°	1205.9	1149.2	1089.1	1024.2	943.4	848.1	759.0	679.0	601.2	523.1	444.2
-35°	1171.4	1120.0	1063.6	998.4	912.2	821.4	735.5	657.7	582.2	506.3	428.7
-37.5°	1135.4	1087.4	1035.8	967.8	878.7	792.1	711.4	635.8	561.9	488.4	411.9
-40°	1100.4	1053.9	1004.2	929.1	843.7	760.3	685.1	612.5	540.4	469.3	393.9
-42.5°	1064.9	1018.6	961.2	887.5	806.2	729.1	657.0	587.9	518.0	447.9	374.7
-45°	1025.8	978.0	915.3	843.1	766.8	695.8	628.3	561.8	494.1	424.6	354.9
-47.5°	983.8	931.3	868.1	797.6	727.9	661.2	598.3	533.4	468.8	399.9	335.1
-50°	937.5	882.7	818.6	751.3	686.1	627.0	566.4	503.5	440.0	374.4	314.5
-52.5°	883.9	829.7	765.9	702.1	644.8	591.5	531.4	471.8	410.2	349.5	293.1
-55°	824.7	770.3	708.7	652.9	601.8	550.9	494.7	437.6	379.4	324.2	271.1
-57.5°	757.5	704.3	651.9	602.8	554.7	506.9	456.2	402.3	348.9	297.8	248.3
-60°	688.5	640.1	594.0	549.1	504.8	461.7	416.4	366.3	317.8	270.7	224.9
-62.5°	616.2	574.2	533.3	493.1	454.5	415.8	375.6	330.0	285.5	243.3	200.8
-65°	544.6	508.3	471.4	438.3	404.2	369.1	333.2	292.6	253.8	215.3	177.0
-67.5°	474.2	443.6	413.3	383.6	353.1	321.8	289.6	256.3	221.7	186.7	154.5
-70°	405.6	379.8	354.5	328.3	301.4	274.3	248.8	220.2	189.2	160.5	131.6
-72.5°	339.3	318.5	295.8	272.7	251.7	230.2	208.1	184.3	159.3	134.0	108.3
-75°	276.7	258.5	239.9	221.4	203.8	186.0	169.7	151.0	129.2	107.1	88.2
-77.5°	215.9	200.9	185.3	172.4	160.6	147.5	133.3	117.3	99.9	84.1	69.0
-80°	160.4	150.8	140.8	130.6	120.3	109.0	97.9	86.2	73.5	61.2	49.5
-82.5°	111.3	104.1	96.7	88.9	81.0	72.8	64.4	55.8	46.8	38.1	32.8
-85°	62.1	57.3	52.3	47.2	41.9	36.5	33.7	30.8	27.9	24.9	21.9
-87.5°	24.7	23.5	22.2	20.9	19.6	18.2	16.8	15.4	14.0	12.5	11.0
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	9.4	7.9	6.3	4.8	3.2	1.6	0.0
85°	18.9	15.8	12.7	9.5	6.4	3.2	0.0
82.5°	28.3	23.6	19.0	14.3	9.5	4.8	0.0
80°	38.4	31.4	25.2	19.0	12.7	6.3	0.0
77.5°	54.7	41.2	31.4	23.6	15.8	7.9	0.0
75°	70.8	54.7	38.4	28.3	18.9	9.4	0.0
72.5°	86.8	68.0	49.1	32.8	21.9	11.0	0.0
70°	103.1	81.2	59.7	38.0	24.9	12.5	0.0
67.5°	123.0	94.1	70.0	45.8	27.9	14.0	0.0
65°	142.6	108.7	80.2	53.5	30.8	15.4	0.0
62.5°	161.8	124.7	90.2	61.0	33.7	16.8	0.0
60°	180.6	140.4	100.0	68.3	36.5	18.2	0.0
57.5°	200.3	155.7	112.1	75.5	41.2	19.6	0.0
55°	219.6	170.6	124.0	82.4	45.9	20.9	0.0
52.5°	238.2	185.2	135.6	89.2	50.4	22.2	0.0
50°	256.0	199.9	146.8	95.7	54.7	23.5	0.0
47.5°	273.1	214.0	157.6	102.4	58.9	24.7	0.0
45°	290.0	227.4	168.0	110.2	63.0	25.8	0.0
42.5°	306.2	240.2	178.0	117.7	66.8	26.9	0.0
40°	321.7	252.2	187.5	124.7	70.5	28.0	0.0
37.5°	336.3	263.5	196.6	131.2	74.0	29.0	0.0
35°	350.1	274.7	205.2	137.3	77.3	29.9	0.0
32.5°	363.2	285.4	213.1	143.0	80.4	30.8	0.0
30°	375.6	295.5	220.5	148.2	83.3	31.6	0.0
27.5°	386.8	304.7	227.1	152.9	86.0	32.4	0.0
25°	397.0	313.2	233.3	157.1	88.5	33.1	0.0
22.5°	406.1	320.8	239.0	160.8	90.7	33.7	0.0
20°	414.1	327.4	244.2	164.1	92.8	34.3	0.0
17.5°	421.4	333.1	248.9	166.9	94.6	34.8	0.0
15°	428.0	337.8	253.0	169.2	96.1	35.3	0.0
12.5°	433.8	341.6	256.5	171.1	97.5	35.6	0.0
10°	438.6	344.5	259.5	172.5	98.6	35.9	0.0
7.5°	442.4	346.4	261.8	173.4	99.4	36.2	0.0
5°	445.2	347.5	263.5	173.9	100.0	36.4	0.0
2.5°	446.9	347.7	264.6	173.9	100.4	36.5	0.0
0°	447.5	347.1	264.9	173.5	100.5	36.5	0.0
-2.5°	446.9	347.7	264.6	173.9	100.4	36.5	0.0
-5°	445.2	347.5	263.5	173.9	100.0	36.4	0.0
-7.5°	442.4	346.4	261.8	173.4	99.4	36.2	0.0
-10°	438.6	344.5	259.5	172.5	98.6	35.9	0.0
-12.5°	433.8	341.6	256.5	171.1	97.5	35.6	0.0
-15°	428.0	337.8	253.0	169.2	96.1	35.3	0.0
-17.5°	421.4	333.1	248.9	166.9	94.6	34.8	0.0
-20°	414.1	327.4	244.2	164.1	92.8	34.3	0.0

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Scaled Data Report



REPORT NUMBER: P627775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	406.1	320.8	239.0	160.8	90.7	33.7	0.0
-25°	397.0	313.2	233.3	157.1	88.5	33.1	0.0
-27.5°	386.8	304.7	227.1	152.9	86.0	32.4	0.0
-30°	375.6	295.5	220.5	148.2	83.3	31.6	0.0
-32.5°	363.2	285.4	213.1	143.0	80.4	30.8	0.0
-35°	350.1	274.7	205.2	137.3	77.3	29.9	0.0
-37.5°	336.3	263.5	196.6	131.2	74.0	29.0	0.0
-40°	321.7	252.2	187.5	124.7	70.5	28.0	0.0
-42.5°	306.2	240.2	178.0	117.7	66.8	26.9	0.0
-45°	290.0	227.4	168.0	110.2	63.0	25.8	0.0
-47.5°	273.1	214.0	157.6	102.4	58.9	24.7	0.0
-50°	256.0	199.9	146.8	95.7	54.7	23.5	0.0
-52.5°	238.2	185.2	135.6	89.2	50.4	22.2	0.0
-55°	219.6	170.6	124.0	82.4	45.9	20.9	0.0
-57.5°	200.3	155.7	112.1	75.5	41.2	19.6	0.0
-60°	180.6	140.4	100.0	68.3	36.5	18.2	0.0
-62.5°	161.8	124.7	90.2	61.0	33.7	16.8	0.0
-65°	142.6	108.7	80.2	53.5	30.8	15.4	0.0
-67.5°	123.0	94.1	70.0	45.8	27.9	14.0	0.0
-70°	103.1	81.2	59.7	38.0	24.9	12.5	0.0
-72.5°	86.8	68.0	49.1	32.8	21.9	11.0	0.0
-75°	70.8	54.7	38.4	28.3	18.9	9.4	0.0
-77.5°	54.7	41.2	31.4	23.6	15.8	7.9	0.0
-80°	38.4	31.4	25.2	19.0	12.7	6.3	0.0
-82.5°	28.3	23.6	19.0	14.3	9.5	4.8	0.0
-85°	18.9	15.8	12.7	9.5	6.4	3.2	0.0
-87.5°	9.4	7.9	6.3	4.8	3.2	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)