

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: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627985 (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-SA6E-730-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N141
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

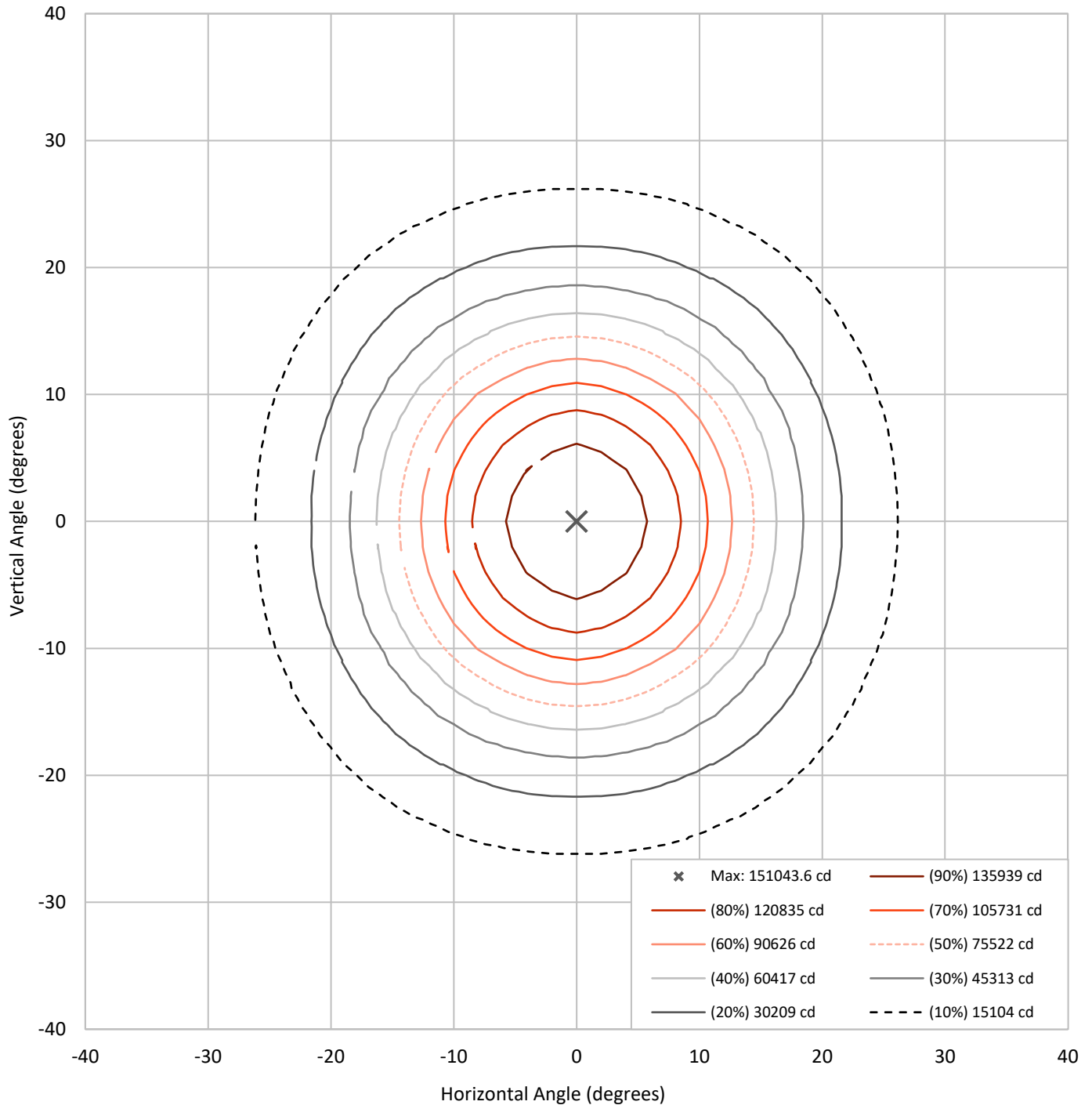
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	47191.2 lumens	Max Intensity:	151043.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.3 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:	22943.7 lumens	Field Lumens:	38719.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





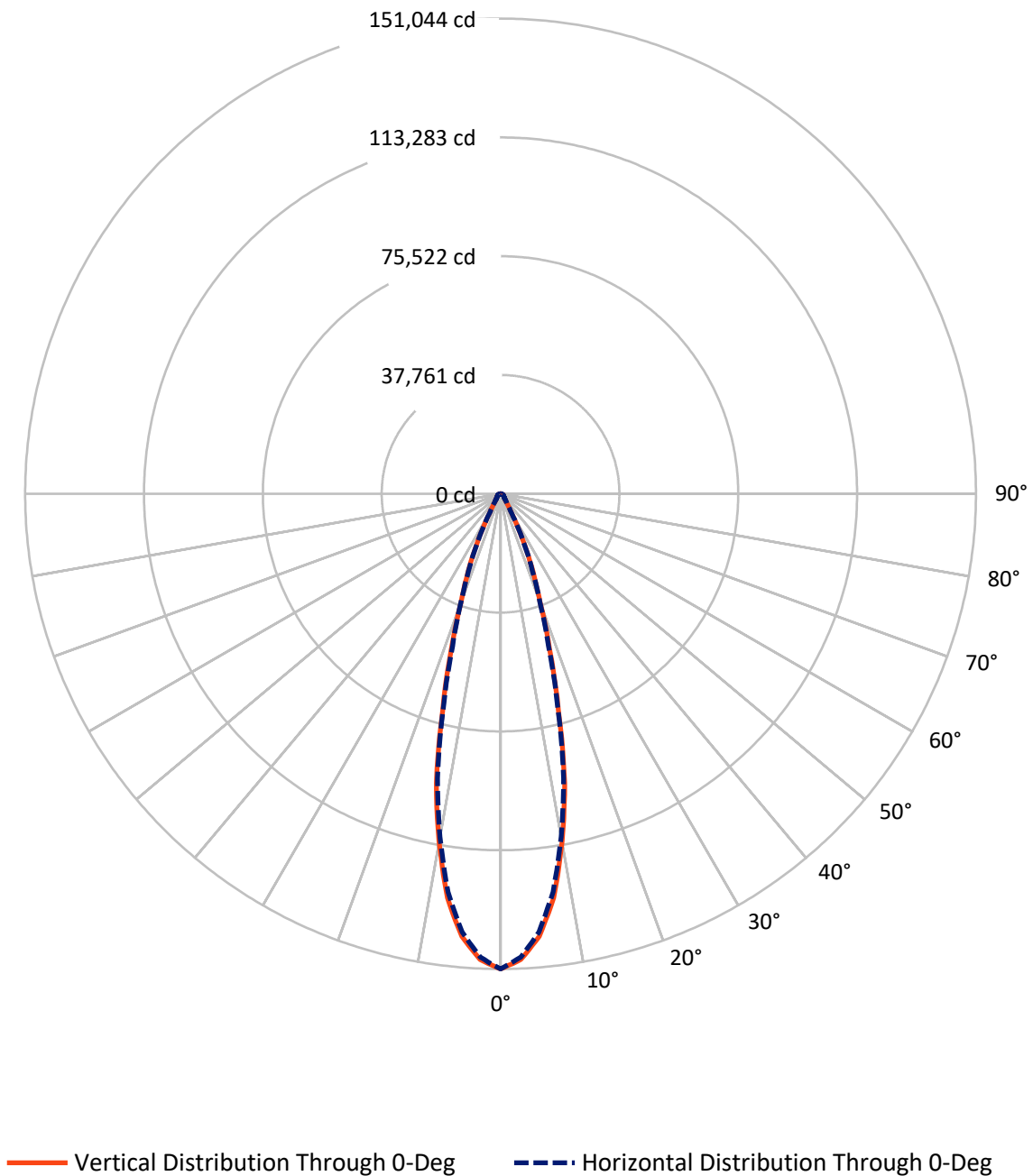
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Lumen Table

90																			
80	0.9	7.8		20.5		32.4		36.0		32.4		20.5		7.8		0.9			
70																			
60	3.5	4.1	8.2	13.3	18.7	22.8	25.5	26.8	26.8	25.5	22.8	18.7	13.3	8.2	4.1	3.5			
50		6.0	12.2	19.7	26.4	32.5	36.4	37.8	37.8	36.4	32.5	26.4	19.7	12.2	6.0				
40	6.2	7.8	15.6	24.3	32.3	40.9	48.0	51.6	51.6	48.0	40.9	32.3	24.3	15.6	7.8	6.2			
30		9.1	18.3	28.1	39.6	56.5	81.8	106.3	106.3	81.8	56.5	39.6	28.1	18.3	9.1				
20	8.0	10.2	20.1	31.6	50.7	110.3	310.6	550.9	550.9	310.6	110.3	50.7	31.6	20.1	10.2	8.0			
10		11.0	21.1	34.3	69.1	289.6	1032.3	1978.1	1978.1	1032.3	289.6	69.1	34.3	21.1	11.0				
0	8.6	11.4	21.4	36.1	87.8	500.0	1910.7	3758.3	3758.3	1910.7	500.0	87.8	36.1	21.4	11.4	8.6			
-10		11.4	21.4	36.1	87.8	500.0	1910.7	3758.3	3758.3	1910.7	500.0	87.8	36.1	21.4	11.4				
-20	8.0	11.0	21.1	34.3	69.1	289.6	1032.3	1978.1	1978.1	1032.3	289.6	69.1	34.3	21.1	11.0	8.0			
-30		10.2	20.1	31.6	50.7	110.3	310.6	550.9	550.9	310.6	110.3	50.7	31.6	20.1	10.2				
-40	6.2	9.1	18.3	28.1	39.6	56.5	81.8	106.3	106.3	81.8	56.5	39.6	28.1	18.3	9.1	6.2			
-50		7.8	15.6	24.3	32.3	40.9	48.0	51.6	51.6	48.0	40.9	32.3	24.3	15.6	7.8				
-60	3.5	6.0	12.2	19.7	26.4	32.5	36.4	37.8	37.8	36.4	32.5	26.4	19.7	12.2	6.0	3.5			
-70		4.1	8.2	13.3	18.7	22.8	25.5	26.8	26.8	25.5	22.8	18.7	13.3	8.2	4.1				
-80																			
-90	0.9	7.8		20.5		32.4		36.0		32.4		20.5		7.8		0.9			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

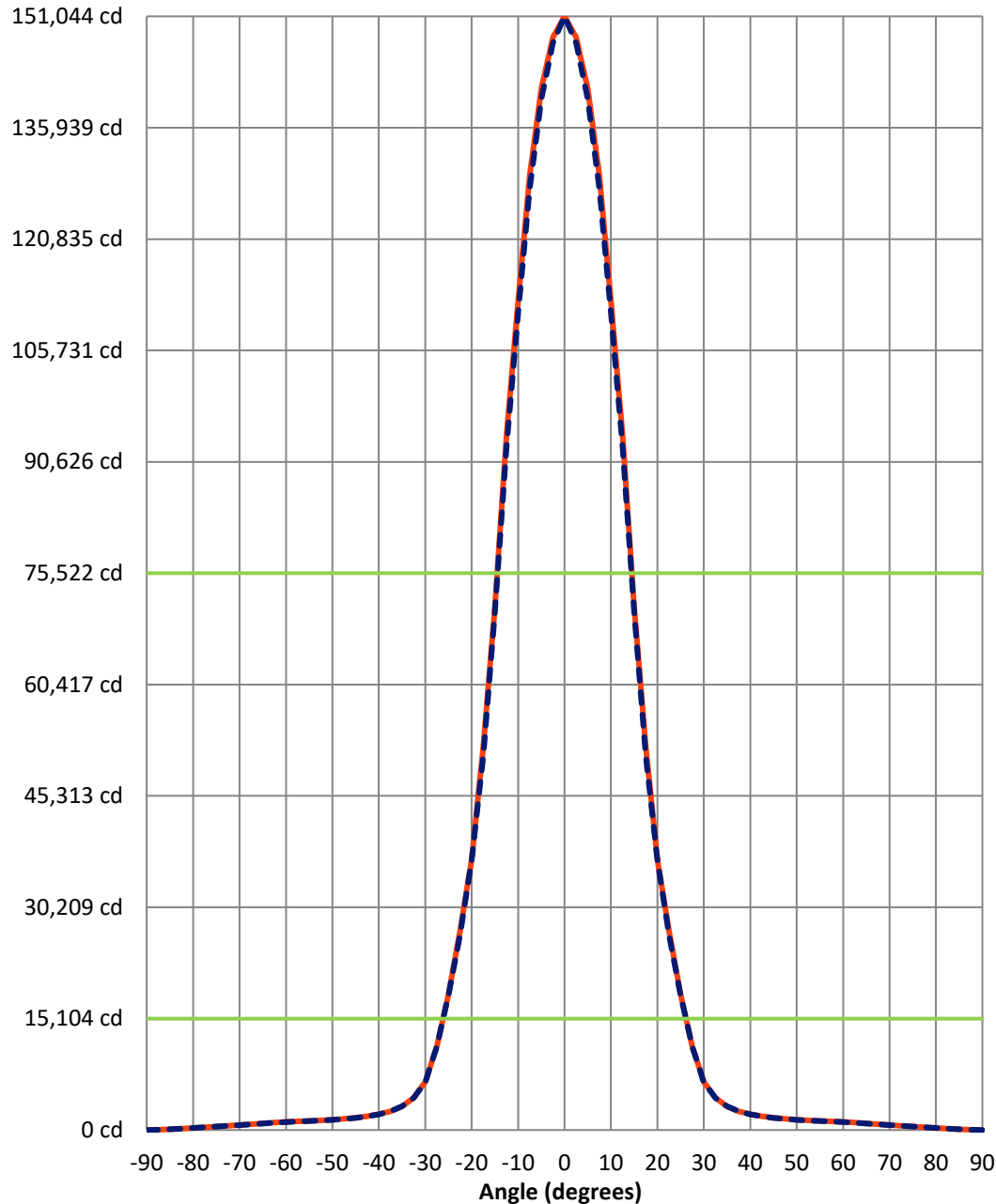
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 22943.7
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 38719.7
 Efficiency: 82.0%

Spill:
 Lumens: 8471.6
 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	1.7	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
85°	0.0	3.4	6.8	10.1	13.5	16.8	20.1	23.3	26.5	29.7	32.8
82.5°	0.0	5.1	10.1	15.2	20.2	25.1	30.0	34.9	40.5	49.7	59.3
80°	0.0	6.7	13.5	20.2	26.8	33.4	40.9	52.6	65.0	78.0	91.5
77.5°	0.0	8.4	16.8	25.1	33.4	43.8	58.1	73.2	89.2	106.0	124.5
75°	0.0	10.0	20.1	30.0	40.9	58.1	75.2	93.5	113.6	137.1	160.3
72.5°	0.0	11.7	23.3	34.9	52.2	72.2	92.1	114.8	142.2	169.1	195.7
70°	0.0	13.3	26.5	40.4	63.3	86.1	109.3	139.6	170.3	200.8	233.8
67.5°	0.0	14.8	29.7	48.6	74.3	99.9	130.5	164.0	198.2	235.4	272.1
65°	0.0	16.4	32.8	56.8	85.1	115.3	151.3	187.9	228.5	269.4	310.6
62.5°	0.0	17.9	35.8	64.7	95.7	132.3	171.7	213.2	258.3	303.2	350.3
60°	0.0	19.4	38.8	72.5	106.1	148.9	191.6	238.7	287.4	337.4	388.9
57.5°	0.0	20.8	43.8	80.1	118.9	165.2	212.6	263.6	316.2	370.4	427.0
55°	0.0	22.3	48.7	87.4	131.6	181.0	233.1	287.8	344.2	402.7	464.5
52.5°	0.0	23.6	53.5	94.6	143.9	196.5	252.8	311.2	371.0	435.5	500.9
50°	0.0	24.9	58.1	101.5	155.8	212.2	271.7	333.9	397.5	467.1	534.5
47.5°	0.0	26.2	62.5	108.7	167.3	227.1	289.9	355.8	424.5	497.6	566.3
45°	0.0	27.4	66.8	116.9	178.3	241.4	307.9	376.8	450.7	524.6	596.4
42.5°	0.0	28.6	70.9	124.8	188.9	254.9	325.1	397.8	475.5	549.9	624.0
40°	0.0	29.7	74.8	132.3	199.0	267.7	341.5	418.1	498.3	573.7	650.2
37.5°	0.0	30.8	78.5	139.3	208.7	279.8	357.0	437.3	518.5	596.5	675.0
35°	0.0	31.8	82.0	145.7	217.8	291.6	371.7	455.1	537.5	618.1	698.2
32.5°	0.0	32.7	85.3	151.7	226.2	303.0	385.5	471.5	555.3	638.2	720.7
30°	0.0	33.6	88.4	157.2	234.0	313.6	398.7	486.5	571.8	657.0	741.7
27.5°	0.0	34.4	91.2	162.2	241.1	323.4	410.7	499.7	587.0	674.2	761.0
25°	0.0	35.2	93.9	166.7	247.7	332.4	421.5	511.7	600.9	689.9	778.7
22.5°	0.0	35.8	96.3	170.7	253.7	340.5	431.1	522.5	613.4	704.1	796.4
20°	0.0	36.5	98.4	174.2	259.2	347.6	439.6	532.1	624.5	716.6	812.1
17.5°	0.0	37.0	100.3	177.2	264.2	353.6	447.4	540.5	634.1	727.6	825.9
15°	0.0	37.5	102.0	179.6	268.5	358.6	454.4	548.2	642.2	736.8	837.5
12.5°	0.0	37.9	103.4	181.6	272.3	362.6	460.5	555.4	649.9	744.4	847.1
10°	0.0	38.2	104.5	183.1	275.5	365.6	465.6	561.4	656.7	753.4	856.0
7.5°	0.0	38.5	105.4	184.1	277.9	367.7	469.7	566.0	662.1	761.4	865.8
5°	0.0	38.7	106.1	184.6	279.7	368.8	472.7	569.3	665.9	767.9	873.4
2.5°	0.0	38.8	106.5	184.6	280.8	369.0	474.5	571.3	668.2	772.6	879.0
0°	0.0	38.8	106.6	184.2	281.2	368.4	475.1	572.0	669.0	775.6	882.3
-2.5°	0.0	38.8	106.5	184.6	280.8	369.0	474.5	571.3	668.2	772.6	879.0
-5°	0.0	38.7	106.1	184.6	279.7	368.8	472.7	569.3	665.9	767.9	873.4
-7.5°	0.0	38.5	105.4	184.1	277.9	367.7	469.7	566.0	662.1	761.4	865.8
-10°	0.0	38.2	104.5	183.1	275.5	365.6	465.6	561.4	656.7	753.4	856.0
-12.5°	0.0	37.9	103.4	181.6	272.3	362.6	460.5	555.4	649.9	744.4	847.1
-15°	0.0	37.5	102.0	179.6	268.5	358.6	454.4	548.2	642.2	736.8	837.5
-17.5°	0.0	37.0	100.3	177.2	264.2	353.6	447.4	540.5	634.1	727.6	825.9
-20°	0.0	36.5	98.4	174.2	259.2	347.6	439.6	532.1	624.5	716.6	812.1

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CATALOG NUMBER: GFLD-SA6E-730-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	35.8	96.3	170.7	253.7	340.5	431.1	522.5	613.4	704.1	796.4
-25°	0.0	35.2	93.9	166.7	247.7	332.4	421.5	511.7	600.9	689.9	778.7
-27.5°	0.0	34.4	91.2	162.2	241.1	323.4	410.7	499.7	587.0	674.2	761.0
-30°	0.0	33.6	88.4	157.2	234.0	313.6	398.7	486.5	571.8	657.0	741.7
-32.5°	0.0	32.7	85.3	151.7	226.2	303.0	385.5	471.5	555.3	638.2	720.7
-35°	0.0	31.8	82.0	145.7	217.8	291.6	371.7	455.1	537.5	618.1	698.2
-37.5°	0.0	30.8	78.5	139.3	208.7	279.8	357.0	437.3	518.5	596.5	675.0
-40°	0.0	29.7	74.8	132.3	199.0	267.7	341.5	418.1	498.3	573.7	650.2
-42.5°	0.0	28.6	70.9	124.8	188.9	254.9	325.1	397.8	475.5	549.9	624.0
-45°	0.0	27.4	66.8	116.9	178.3	241.4	307.9	376.8	450.7	524.6	596.4
-47.5°	0.0	26.2	62.5	108.7	167.3	227.1	289.9	355.8	424.5	497.6	566.3
-50°	0.0	24.9	58.1	101.5	155.8	212.2	271.7	333.9	397.5	467.1	534.5
-52.5°	0.0	23.6	53.5	94.6	143.9	196.5	252.8	311.2	371.0	435.5	500.9
-55°	0.0	22.3	48.7	87.4	131.6	181.0	233.1	287.8	344.2	402.7	464.5
-57.5°	0.0	20.8	43.8	80.1	118.9	165.2	212.6	263.6	316.2	370.4	427.0
-60°	0.0	19.4	38.8	72.5	106.1	148.9	191.6	238.7	287.4	337.4	388.9
-62.5°	0.0	17.9	35.8	64.7	95.7	132.3	171.7	213.2	258.3	303.2	350.3
-65°	0.0	16.4	32.8	56.8	85.1	115.3	151.3	187.9	228.5	269.4	310.6
-67.5°	0.0	14.8	29.7	48.6	74.3	99.9	130.5	164.0	198.2	235.4	272.1
-70°	0.0	13.3	26.5	40.4	63.3	86.1	109.3	139.6	170.3	200.8	233.8
-72.5°	0.0	11.7	23.3	34.9	52.2	72.2	92.1	114.8	142.2	169.1	195.7
-75°	0.0	10.0	20.1	30.0	40.9	58.1	75.2	93.5	113.6	137.1	160.3
-77.5°	0.0	8.4	16.8	25.1	33.4	43.8	58.1	73.2	89.2	106.0	124.5
-80°	0.0	6.7	13.5	20.2	26.8	33.4	40.9	52.6	65.0	78.0	91.5
-82.5°	0.0	5.1	10.1	15.2	20.2	25.1	30.0	34.9	40.5	49.7	59.3
-85°	0.0	3.4	6.8	10.1	13.5	16.8	20.1	23.3	26.5	29.7	32.8
-87.5°	0.0	1.7	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
-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°	17.9	19.4	20.8	22.3	23.6	24.9	26.2	27.4	28.6	29.7	30.8
85°	35.8	38.8	44.5	50.1	55.6	60.9	65.9	70.8	75.5	80.0	84.2
82.5°	68.4	77.3	86.0	94.4	102.6	110.5	118.1	125.5	132.5	139.2	145.6
80°	103.9	115.7	127.7	138.6	149.5	160.0	170.2	180.0	189.4	199.5	210.1
77.5°	141.4	156.6	170.4	183.0	196.7	213.2	229.1	244.5	259.2	273.2	286.5
75°	180.2	197.4	216.3	235.0	254.6	274.5	293.7	312.2	330.3	348.8	367.3
72.5°	220.9	244.4	267.3	289.5	314.0	338.1	360.2	380.3	403.2	428.3	451.3
70°	264.1	291.3	320.0	348.5	376.3	403.1	430.5	458.1	485.9	513.0	538.8
67.5°	307.5	341.6	374.8	407.2	438.8	470.9	503.5	536.8	568.8	599.4	629.2
65°	353.8	391.8	429.0	465.3	500.5	539.7	578.2	615.3	655.9	693.5	726.2
62.5°	398.7	441.4	482.5	523.5	566.2	609.6	654.1	700.9	749.2	784.1	814.1
60°	442.0	490.1	535.9	582.9	630.5	679.5	730.8	780.6	824.8	862.8	894.5
57.5°	484.3	538.1	588.9	639.9	692.0	747.6	804.1	855.0	896.1	932.8	967.5
55°	525.2	584.8	638.8	693.1	752.4	817.7	875.4	921.4	963.5	993.8	1027.0
52.5°	564.1	627.9	684.5	745.3	813.1	880.8	938.3	982.9	1018.2	1049.7	1082.1
50°	601.3	665.6	728.3	797.5	869.0	937.0	995.2	1036.2	1071.8	1104.5	1135.6
47.5°	635.1	701.9	772.7	846.7	921.5	988.6	1044.4	1086.2	1123.1	1156.7	1190.9
45°	667.0	738.7	814.0	895.0	971.6	1038.2	1089.0	1133.9	1169.3	1207.1	1250.0
42.5°	697.4	774.0	855.8	942.1	1020.4	1081.3	1130.5	1173.5	1214.3	1259.9	1307.6
40°	727.3	807.0	895.6	986.2	1066.0	1118.8	1168.1	1213.6	1260.8	1312.3	1364.4
37.5°	755.1	840.9	932.7	1027.4	1099.6	1154.4	1205.2	1256.2	1309.0	1364.4	1429.3
35°	780.8	872.0	968.3	1059.9	1129.1	1188.9	1243.4	1298.6	1357.8	1425.6	1497.1
32.5°	805.7	900.3	1001.4	1087.2	1156.1	1219.9	1280.1	1342.5	1410.3	1484.9	1566.7
30°	830.2	928.0	1030.4	1115.2	1180.1	1245.4	1316.1	1385.5	1460.8	1543.8	1639.8
27.5°	854.0	953.6	1054.6	1137.1	1201.2	1267.6	1343.4	1427.8	1510.2	1601.0	1712.3
25°	875.8	980.0	1078.5	1154.5	1219.3	1288.9	1368.1	1458.0	1554.8	1662.8	1799.1
22.5°	896.5	1003.9	1101.2	1169.2	1234.5	1307.5	1392.7	1487.7	1593.0	1718.2	1884.6
20°	915.8	1022.5	1116.3	1182.9	1247.0	1322.5	1413.9	1514.0	1634.2	1785.9	1985.0
17.5°	932.6	1038.2	1126.6	1194.0	1260.1	1337.8	1432.1	1536.3	1671.4	1845.7	2081.3
15°	947.0	1051.1	1135.7	1202.6	1271.3	1353.5	1450.6	1564.2	1712.1	1904.3	2164.5
12.5°	958.9	1061.1	1143.2	1208.8	1280.0	1365.2	1466.5	1591.1	1752.8	1968.2	2276.7
10°	968.2	1068.4	1149.1	1212.6	1286.1	1372.9	1478.9	1612.1	1785.8	2021.6	2372.8
7.5°	977.3	1074.9	1153.3	1214.2	1289.6	1376.7	1487.6	1626.9	1809.9	2061.7	2449.4
5°	983.8	1081.0	1155.8	1217.9	1291.9	1378.4	1493.4	1635.5	1824.9	2088.2	2503.5
2.5°	987.7	1084.7	1155.8	1220.6	1292.0	1379.2	1500.4	1640.3	1841.7	2110.5	2534.3
0°	988.9	1085.9	1153.7	1221.6	1289.5	1376.7	1502.8	1638.5	1851.8	2123.3	2540.2
-2.5°	987.7	1084.7	1155.8	1220.6	1292.0	1379.2	1500.4	1640.3	1841.7	2110.5	2534.3
-5°	983.8	1081.0	1155.8	1217.9	1291.9	1378.4	1493.4	1635.5	1824.9	2088.2	2503.5
-7.5°	977.3	1074.9	1153.3	1214.2	1289.6	1376.7	1487.6	1626.9	1809.9	2061.7	2449.4
-10°	968.2	1068.4	1149.1	1212.6	1286.1	1372.9	1478.9	1612.1	1785.8	2021.6	2372.8
-12.5°	958.9	1061.1	1143.2	1208.8	1280.0	1365.2	1466.5	1591.1	1752.8	1968.2	2276.7
-15°	947.0	1051.1	1135.7	1202.6	1271.3	1353.5	1450.6	1564.2	1712.1	1904.3	2164.5
-17.5°	932.6	1038.2	1126.6	1194.0	1260.1	1337.8	1432.1	1536.3	1671.4	1845.7	2081.3
-20°	915.8	1022.5	1116.3	1182.9	1247.0	1322.5	1413.9	1514.0	1634.2	1785.9	1985.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	896.5	1003.9	1101.2	1169.2	1234.5	1307.5	1392.7	1487.7	1593.0	1718.2	1884.6
-25°	875.8	980.0	1078.5	1154.5	1219.3	1288.9	1368.1	1458.0	1554.8	1662.8	1799.1
-27.5°	854.0	953.6	1054.6	1137.1	1201.2	1267.6	1343.4	1427.8	1510.2	1601.0	1712.3
-30°	830.2	928.0	1030.4	1115.2	1180.1	1245.4	1316.1	1385.5	1460.8	1543.8	1639.8
-32.5°	805.7	900.3	1001.4	1087.2	1156.1	1219.9	1280.1	1342.5	1410.3	1484.9	1566.7
-35°	780.8	872.0	968.3	1059.9	1129.1	1188.9	1243.4	1298.6	1357.8	1425.6	1497.1
-37.5°	755.1	840.9	932.7	1027.4	1099.6	1154.4	1205.2	1256.2	1309.0	1364.4	1429.3
-40°	727.3	807.0	895.6	986.2	1066.0	1118.8	1168.1	1213.6	1260.8	1312.3	1364.4
-42.5°	697.4	774.0	855.8	942.1	1020.4	1081.3	1130.5	1173.5	1214.3	1259.9	1307.6
-45°	667.0	738.7	814.0	895.0	971.6	1038.2	1089.0	1133.9	1169.3	1207.1	1250.0
-47.5°	635.1	701.9	772.7	846.7	921.5	988.6	1044.4	1086.2	1123.1	1156.7	1190.9
-50°	601.3	665.6	728.3	797.5	869.0	937.0	995.2	1036.2	1071.8	1104.5	1135.6
-52.5°	564.1	627.9	684.5	745.3	813.1	880.8	938.3	982.9	1018.2	1049.7	1082.1
-55°	525.2	584.8	638.8	693.1	752.4	817.7	875.4	921.4	963.5	993.8	1027.0
-57.5°	484.3	538.1	588.9	639.9	692.0	747.6	804.1	855.0	896.1	932.8	967.5
-60°	442.0	490.1	535.9	582.9	630.5	679.5	730.8	780.6	824.8	862.8	894.5
-62.5°	398.7	441.4	482.5	523.5	566.2	609.6	654.1	700.9	749.2	784.1	814.1
-65°	353.8	391.8	429.0	465.3	500.5	539.7	578.2	615.3	655.9	693.5	726.2
-67.5°	307.5	341.6	374.8	407.2	438.8	470.9	503.5	536.8	568.8	599.4	629.2
-70°	264.1	291.3	320.0	348.5	376.3	403.1	430.5	458.1	485.9	513.0	538.8
-72.5°	220.9	244.4	267.3	289.5	314.0	338.1	360.2	380.3	403.2	428.3	451.3
-75°	180.2	197.4	216.3	235.0	254.6	274.5	293.7	312.2	330.3	348.8	367.3
-77.5°	141.4	156.6	170.4	183.0	196.7	213.2	229.1	244.5	259.2	273.2	286.5
-80°	103.9	115.7	127.7	138.6	149.5	160.0	170.2	180.0	189.4	199.5	210.1
-82.5°	68.4	77.3	86.0	94.4	102.6	110.5	118.1	125.5	132.5	139.2	145.6
-85°	35.8	38.8	44.5	50.1	55.6	60.9	65.9	70.8	75.5	80.0	84.2
-87.5°	17.9	19.4	20.8	22.3	23.6	24.9	26.2	27.4	28.6	29.7	30.8
-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: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	31.8	32.7	33.6	34.4	35.2	35.8	36.5	37.0	37.5	37.9	38.2
85°	88.2	92.0	95.5	98.7	101.7	102.5	102.7	102.6	102.0	103.4	104.5
82.5°	151.6	158.4	165.3	172.1	178.8	181.3	183.0	184.3	185.0	187.7	189.9
80°	220.2	230.9	240.9	249.8	257.8	263.4	268.5	273.3	277.6	279.6	280.5
77.5°	299.9	313.0	325.2	336.5	346.9	355.1	361.8	367.2	371.3	374.0	375.7
75°	385.6	402.1	416.8	430.5	443.0	451.8	457.9	462.4	465.4	468.7	471.2
72.5°	472.3	491.0	508.5	524.9	539.3	549.4	556.5	562.2	566.5	569.8	571.4
70°	563.3	585.7	604.9	621.4	634.4	644.2	651.8	657.9	662.7	665.9	667.6
67.5°	657.6	681.5	699.6	713.9	725.7	736.0	745.4	752.4	757.1	761.7	766.7
65°	753.6	778.0	796.5	811.7	824.1	837.4	849.6	858.6	864.6	870.2	875.7
62.5°	843.9	871.6	893.0	912.9	933.1	952.2	963.3	971.9	977.9	983.3	989.7
60°	926.0	957.3	983.5	1007.7	1032.4	1057.2	1067.4	1075.4	1083.0	1090.1	1096.5
57.5°	998.9	1032.2	1064.0	1087.9	1111.6	1134.7	1150.7	1159.5	1165.4	1168.6	1171.3
55°	1062.4	1095.6	1127.4	1154.9	1180.5	1204.3	1222.1	1230.7	1237.1	1241.2	1243.6
52.5°	1119.2	1154.8	1188.7	1219.2	1246.9	1272.6	1294.9	1306.7	1316.2	1323.0	1325.2
50°	1174.9	1213.5	1250.2	1282.9	1315.1	1345.8	1374.1	1390.4	1402.0	1409.1	1411.3
47.5°	1233.2	1275.0	1314.7	1352.6	1389.2	1425.7	1459.2	1481.6	1498.1	1510.3	1519.1
45°	1293.9	1338.9	1382.7	1427.6	1469.7	1516.6	1559.0	1591.6	1615.7	1636.5	1653.2
42.5°	1354.9	1405.4	1455.9	1513.6	1571.0	1624.4	1675.0	1718.2	1757.5	1796.1	1826.2
40°	1421.3	1476.7	1545.6	1614.0	1684.8	1747.0	1820.7	1886.7	1947.3	2012.7	2066.8
37.5°	1493.9	1565.0	1646.7	1728.6	1820.7	1910.1	2013.0	2114.4	2202.5	2317.1	2409.0
35°	1572.9	1663.0	1759.5	1869.4	1988.2	2128.3	2272.3	2441.4	2584.8	2766.9	2935.0
32.5°	1660.9	1767.0	1892.1	2043.2	2203.5	2428.5	2639.6	2926.1	3171.0	3487.0	3832.1
30°	1750.5	1887.4	2057.7	2252.8	2524.0	2843.3	3215.7	3700.0	4223.9	4766.0	5495.7
27.5°	1856.6	2034.4	2247.0	2548.4	2953.9	3396.0	4154.6	4973.6	6114.7	7018.0	8626.9
25°	1971.0	2191.0	2505.1	2941.9	3502.3	4396.9	5677.4	7160.1	9443.4	11474.3	13808.3
22.5°	2106.3	2405.2	2821.1	3393.1	4369.9	5909.2	7907.8	10952.7	14337.4	17678.1	20731.5
20°	2249.7	2610.7	3192.3	4123.9	5633.7	7859.4	11425.3	15776.1	20269.6	24847.9	28706.1
17.5°	2417.1	2907.4	3673.4	4910.9	7064.8	10875.4	15638.3	21170.6	27041.2	32883.2	37957.8
15°	2561.0	3166.7	4198.3	6051.7	9263.7	14030.0	19884.0	26871.0	34253.5	41835.2	50052.4
12.5°	2744.5	3479.3	4739.1	6994.9	11214.7	17409.8	24572.5	32684.7	41699.6	51766.4	64576.8
10°	2912.9	3807.1	5450.4	8506.2	13559.9	20566.9	28622.4	37826.0	49519.2	64646.9	80099.4
7.5°	3047.8	4067.1	6002.0	9685.4	15526.7	23264.0	32269.1	43303.7	57891.9	75905.5	93561.0
5°	3141.7	4247.3	6396.8	10576.5	17108.7	25325.2	34857.0	47341.7	64949.1	85121.2	103148.6
2.5°	3200.6	4345.9	6589.9	11105.6	18140.6	26565.6	36471.5	49907.9	69274.5	90987.7	109239.9
0°	3228.5	4362.9	6466.8	11362.9	18285.4	26477.9	36619.3	50764.8	70300.8	92580.7	110759.5
-2.5°	3200.6	4345.9	6589.9	11105.6	18140.6	26565.6	36471.5	49907.9	69274.5	90987.7	109239.9
-5°	3141.7	4247.3	6396.8	10576.5	17108.7	25325.2	34857.0	47341.7	64949.1	85121.2	103148.6
-7.5°	3047.8	4067.1	6002.0	9685.4	15526.7	23264.0	32269.1	43303.7	57891.9	75905.5	93561.0
-10°	2912.9	3807.1	5450.4	8506.2	13559.9	20566.9	28622.4	37826.0	49519.2	64646.9	80099.4
-12.5°	2744.5	3479.3	4739.1	6994.9	11214.7	17409.8	24572.5	32684.7	41699.6	51766.4	64576.8
-15°	2561.0	3166.7	4198.3	6051.7	9263.7	14030.0	19884.0	26871.0	34253.5	41835.2	50052.4
-17.5°	2417.1	2907.4	3673.4	4910.9	7064.8	10875.4	15638.3	21170.6	27041.2	32883.2	37957.8
-20°	2249.7	2610.7	3192.3	4123.9	5633.7	7859.4	11425.3	15776.1	20269.6	24847.9	28706.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	2106.3	2405.2	2821.1	3393.1	4369.9	5909.2	7907.8	10952.7	14337.4	17678.1	20731.5
-25°	1971.0	2191.0	2505.1	2941.9	3502.3	4396.9	5677.4	7160.1	9443.4	11474.3	13808.3
-27.5°	1856.6	2034.4	2247.0	2548.4	2953.9	3396.0	4154.6	4973.6	6114.7	7018.0	8626.9
-30°	1750.5	1887.4	2057.7	2252.8	2524.0	2843.3	3215.7	3700.0	4223.9	4766.0	5495.7
-32.5°	1660.9	1767.0	1892.1	2043.2	2203.5	2428.5	2639.6	2926.1	3171.0	3487.0	3832.1
-35°	1572.9	1663.0	1759.5	1869.4	1988.2	2128.3	2272.3	2441.4	2584.8	2766.9	2935.0
-37.5°	1493.9	1565.0	1646.7	1728.6	1820.7	1910.1	2013.0	2114.4	2202.5	2317.1	2409.0
-40°	1421.3	1476.7	1545.6	1614.0	1684.8	1747.0	1820.7	1886.7	1947.3	2012.7	2066.8
-42.5°	1354.9	1405.4	1455.9	1513.6	1571.0	1624.4	1675.0	1718.2	1757.5	1796.1	1826.2
-45°	1293.9	1338.9	1382.7	1427.6	1469.7	1516.6	1559.0	1591.6	1615.7	1636.5	1653.2
-47.5°	1233.2	1275.0	1314.7	1352.6	1389.2	1425.7	1459.2	1481.6	1498.1	1510.3	1519.1
-50°	1174.9	1213.5	1250.2	1282.9	1315.1	1345.8	1374.1	1390.4	1402.0	1409.1	1411.3
-52.5°	1119.2	1154.8	1188.7	1219.2	1246.9	1272.6	1294.9	1306.7	1316.2	1323.0	1325.2
-55°	1062.4	1095.6	1127.4	1154.9	1180.5	1204.3	1222.1	1230.7	1237.1	1241.2	1243.6
-57.5°	998.9	1032.2	1064.0	1087.9	1111.6	1134.7	1150.7	1159.5	1165.4	1168.6	1171.3
-60°	926.0	957.3	983.5	1007.7	1032.4	1057.2	1067.4	1075.4	1083.0	1090.1	1096.5
-62.5°	843.9	871.6	893.0	912.9	933.1	952.2	963.3	971.9	977.9	983.3	989.7
-65°	753.6	778.0	796.5	811.7	824.1	837.4	849.6	858.6	864.6	870.2	875.7
-67.5°	657.6	681.5	699.6	713.9	725.7	736.0	745.4	752.4	757.1	761.7	766.7
-70°	563.3	585.7	604.9	621.4	634.4	644.2	651.8	657.9	662.7	665.9	667.6
-72.5°	472.3	491.0	508.5	524.9	539.3	549.4	556.5	562.2	566.5	569.8	571.4
-75°	385.6	402.1	416.8	430.5	443.0	451.8	457.9	462.4	465.4	468.7	471.2
-77.5°	299.9	313.0	325.2	336.5	346.9	355.1	361.8	367.2	371.3	374.0	375.7
-80°	220.2	230.9	240.9	249.8	257.8	263.4	268.5	273.3	277.6	279.6	280.5
-82.5°	151.6	158.4	165.3	172.1	178.8	181.3	183.0	184.3	185.0	187.7	189.9
-85°	88.2	92.0	95.5	98.7	101.7	102.5	102.7	102.6	102.0	103.4	104.5
-87.5°	31.8	32.7	33.6	34.4	35.2	35.8	36.5	37.0	37.5	37.9	38.2
-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: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	38.5	38.7	38.8	38.8	38.8	38.7	38.5	38.2	37.9	37.5	37.0
85°	105.4	106.1	106.5	106.6	106.5	106.1	105.4	104.5	103.4	102.0	102.6
82.5°	191.6	192.9	193.6	193.9	193.6	192.9	191.6	189.9	187.7	185.0	184.3
80°	280.6	279.9	280.9	281.2	280.9	279.9	280.6	280.5	279.6	277.6	273.3
77.5°	376.5	376.3	377.6	378.1	377.6	376.3	376.5	375.7	374.0	371.3	367.2
75°	472.7	473.0	474.5	475.1	474.5	473.0	472.7	471.2	468.7	465.4	462.4
72.5°	571.4	569.8	571.3	572.0	571.3	569.8	571.4	571.4	569.8	566.5	562.2
70°	667.9	666.5	672.7	678.7	672.7	666.5	667.9	667.6	665.9	662.7	657.9
67.5°	770.2	772.2	779.1	785.3	779.1	772.2	770.2	766.7	761.7	757.1	752.4
65°	878.6	878.9	885.6	892.0	885.6	878.9	878.6	875.7	870.2	864.6	858.6
62.5°	993.4	994.6	1001.5	1008.3	1001.5	994.6	993.4	989.7	983.3	977.9	971.9
60°	1100.3	1101.4	1104.0	1105.3	1104.0	1101.4	1100.3	1096.5	1090.1	1083.0	1075.4
57.5°	1172.2	1171.1	1172.2	1173.1	1172.2	1171.1	1172.2	1171.3	1168.6	1165.4	1159.5
55°	1243.2	1240.0	1236.2	1231.3	1236.2	1240.0	1243.2	1243.6	1241.2	1237.1	1230.7
52.5°	1323.4	1318.3	1313.7	1308.9	1313.7	1318.3	1323.4	1325.2	1323.0	1316.2	1306.7
50°	1409.9	1405.3	1400.8	1396.1	1400.8	1405.3	1409.9	1411.3	1409.1	1402.0	1390.4
47.5°	1525.1	1527.1	1526.3	1522.2	1526.3	1527.1	1525.1	1519.1	1510.3	1498.1	1481.6
45°	1665.0	1670.6	1671.3	1667.6	1671.3	1670.6	1665.0	1653.2	1636.5	1615.7	1591.6
42.5°	1847.5	1859.7	1866.5	1871.2	1866.5	1859.7	1847.5	1826.2	1796.1	1757.5	1718.2
40°	2106.2	2131.2	2147.2	2162.1	2147.2	2131.2	2106.2	2066.8	2012.7	1947.3	1886.7
37.5°	2477.2	2522.7	2543.0	2530.5	2543.0	2522.7	2477.2	2409.0	2317.1	2202.5	2114.4
35°	3064.4	3150.8	3195.7	3199.5	3195.7	3150.8	3064.4	2935.0	2766.9	2584.8	2441.4
32.5°	4087.2	4264.1	4359.2	4372.6	4359.2	4264.1	4087.2	3832.1	3487.0	3171.0	2926.1
30°	6054.3	6415.1	6584.6	6544.3	6584.6	6415.1	6054.3	5495.7	4766.0	4223.9	3700.0
27.5°	9877.6	10777.5	11310.8	11353.2	11310.8	10777.5	9877.6	8626.9	7018.0	6114.7	4973.6
25°	15875.6	17411.9	18395.6	18411.4	18395.6	17411.9	15875.6	13808.3	11474.3	9443.4	7160.1
22.5°	23554.9	25651.9	26800.9	27001.5	26800.9	25651.9	23554.9	20731.5	17678.1	14337.4	10952.7
20°	32451.7	35241.4	36733.9	36735.6	36733.9	35241.4	32451.7	28706.1	24847.9	20269.6	15776.1
17.5°	43408.5	47938.2	50781.8	52005.8	50781.8	47938.2	43408.5	37957.8	32883.2	27041.2	21170.6
15°	57964.8	65576.8	70138.1	70960.1	70138.1	65576.8	57964.8	50052.4	41835.2	34253.5	26871.0
12.5°	75688.8	85321.9	91797.4	94170.7	91797.4	85321.9	75688.8	64576.8	51766.4	41699.6	32684.7
10°	94194.2	103119.8	110057.1	112388.3	110057.1	103119.8	94194.2	80099.4	64646.9	49519.2	37826.0
7.5°	107562.8	118206.3	126020.6	129452.1	126020.6	118206.3	107562.8	93561.0	75905.5	57891.9	43303.7
5°	118116.0	130709.9	137984.1	141212.5	137984.1	130709.9	118116.0	103148.6	85121.2	64949.1	47341.7
2.5°	125040.1	137484.1	145187.1	148164.0	145187.1	137484.1	125040.1	109239.9	90987.7	69274.5	49907.9
0°	127629.3	139797.0	147407.8	151043.6	147407.8	139797.0	127629.3	110759.5	92580.7	70300.8	50764.8
-2.5°	125040.1	137484.1	145187.1	148164.0	145187.1	137484.1	125040.1	109239.9	90987.7	69274.5	49907.9
-5°	118116.0	130709.9	137984.1	141212.5	137984.1	130709.9	118116.0	103148.6	85121.2	64949.1	47341.7
-7.5°	107562.8	118206.3	126020.6	129452.1	126020.6	118206.3	107562.8	93561.0	75905.5	57891.9	43303.7
-10°	94194.2	103119.8	110057.1	112388.3	110057.1	103119.8	94194.2	80099.4	64646.9	49519.2	37826.0
-12.5°	75688.8	85321.9	91797.4	94170.7	91797.4	85321.9	75688.8	64576.8	51766.4	41699.6	32684.7
-15°	57964.8	65576.8	70138.1	70960.1	70138.1	65576.8	57964.8	50052.4	41835.2	34253.5	26871.0
-17.5°	43408.5	47938.2	50781.8	52005.8	50781.8	47938.2	43408.5	37957.8	32883.2	27041.2	21170.6
-20°	32451.7	35241.4	36733.9	36735.6	36733.9	35241.4	32451.7	28706.1	24847.9	20269.6	15776.1



REPORT NUMBER: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23554.9	25651.9	26800.9	27001.5	26800.9	25651.9	23554.9	20731.5	17678.1	14337.4	10952.7
-25°	15875.6	17411.9	18395.6	18411.4	18395.6	17411.9	15875.6	13808.3	11474.3	9443.4	7160.1
-27.5°	9877.6	10777.5	11310.8	11353.2	11310.8	10777.5	9877.6	8626.9	7018.0	6114.7	4973.6
-30°	6054.3	6415.1	6584.6	6544.3	6584.6	6415.1	6054.3	5495.7	4766.0	4223.9	3700.0
-32.5°	4087.2	4264.1	4359.2	4372.6	4359.2	4264.1	4087.2	3832.1	3487.0	3171.0	2926.1
-35°	3064.4	3150.8	3195.7	3199.5	3195.7	3150.8	3064.4	2935.0	2766.9	2584.8	2441.4
-37.5°	2477.2	2522.7	2543.0	2530.5	2543.0	2522.7	2477.2	2409.0	2317.1	2202.5	2114.4
-40°	2106.2	2131.2	2147.2	2162.1	2147.2	2131.2	2106.2	2066.8	2012.7	1947.3	1886.7
-42.5°	1847.5	1859.7	1866.5	1871.2	1866.5	1859.7	1847.5	1826.2	1796.1	1757.5	1718.2
-45°	1665.0	1670.6	1671.3	1667.6	1671.3	1670.6	1665.0	1653.2	1636.5	1615.7	1591.6
-47.5°	1525.1	1527.1	1526.3	1522.2	1526.3	1527.1	1525.1	1519.1	1510.3	1498.1	1481.6
-50°	1409.9	1405.3	1400.8	1396.1	1400.8	1405.3	1409.9	1411.3	1409.1	1402.0	1390.4
-52.5°	1323.4	1318.3	1313.7	1308.9	1313.7	1318.3	1323.4	1325.2	1323.0	1316.2	1306.7
-55°	1243.2	1240.0	1236.2	1231.3	1236.2	1240.0	1243.2	1243.6	1241.2	1237.1	1230.7
-57.5°	1172.2	1171.1	1172.2	1173.1	1172.2	1171.1	1172.2	1171.3	1168.6	1165.4	1159.5
-60°	1100.3	1101.4	1104.0	1105.3	1104.0	1101.4	1100.3	1096.5	1090.1	1083.0	1075.4
-62.5°	993.4	994.6	1001.5	1008.3	1001.5	994.6	993.4	989.7	983.3	977.9	971.9
-65°	878.6	878.9	885.6	892.0	885.6	878.9	878.6	875.7	870.2	864.6	858.6
-67.5°	770.2	772.2	779.1	785.3	779.1	772.2	770.2	766.7	761.7	757.1	752.4
-70°	667.9	666.5	672.7	678.7	672.7	666.5	667.9	667.6	665.9	662.7	657.9
-72.5°	571.4	569.8	571.3	572.0	571.3	569.8	571.4	571.4	569.8	566.5	562.2
-75°	472.7	473.0	474.5	475.1	474.5	473.0	472.7	471.2	468.7	465.4	462.4
-77.5°	376.5	376.3	377.6	378.1	377.6	376.3	376.5	375.7	374.0	371.3	367.2
-80°	280.6	279.9	280.9	281.2	280.9	279.9	280.6	280.5	279.6	277.6	273.3
-82.5°	191.6	192.9	193.6	193.9	193.6	192.9	191.6	189.9	187.7	185.0	184.3
-85°	105.4	106.1	106.5	106.6	106.5	106.1	105.4	104.5	103.4	102.0	102.6
-87.5°	38.5	38.7	38.8	38.8	38.8	38.7	38.5	38.2	37.9	37.5	37.0
-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: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	36.5	35.8	35.2	34.4	33.6	32.7	31.8	30.8	29.7	28.6	27.4
85°	102.7	102.5	101.7	98.7	95.5	92.0	88.2	84.2	80.0	75.5	70.8
82.5°	183.0	181.3	178.8	172.1	165.3	158.4	151.6	145.6	139.2	132.5	125.5
80°	268.5	263.4	257.8	249.8	240.9	230.9	220.2	210.1	199.5	189.4	180.0
77.5°	361.8	355.1	346.9	336.5	325.2	313.0	299.9	286.5	273.2	259.2	244.5
75°	457.9	451.8	443.0	430.5	416.8	402.1	385.6	367.3	348.8	330.3	312.2
72.5°	556.5	549.4	539.3	524.9	508.5	491.0	472.3	451.3	428.3	403.2	380.3
70°	651.8	644.2	634.4	621.4	604.9	585.7	563.3	538.8	513.0	485.9	458.1
67.5°	745.4	736.0	725.7	713.9	699.6	681.5	657.6	629.2	599.4	568.8	536.8
65°	849.6	837.4	824.1	811.7	796.5	778.0	753.6	726.2	693.5	655.9	615.3
62.5°	963.3	952.2	933.1	912.9	893.0	871.6	843.9	814.1	784.1	749.2	700.9
60°	1067.4	1057.2	1032.4	1007.7	983.5	957.3	926.0	894.5	862.8	824.8	780.6
57.5°	1150.7	1134.7	1111.6	1087.9	1064.0	1032.2	998.9	967.5	932.8	896.1	855.0
55°	1222.1	1204.3	1180.5	1154.9	1127.4	1095.6	1062.4	1027.0	993.8	963.5	921.4
52.5°	1294.9	1272.6	1246.9	1219.2	1188.7	1154.8	1119.2	1082.1	1049.7	1018.2	982.9
50°	1374.1	1345.8	1315.1	1282.9	1250.2	1213.5	1174.9	1135.6	1104.5	1071.8	1036.2
47.5°	1459.2	1425.7	1389.2	1352.6	1314.7	1275.0	1233.2	1190.9	1156.7	1123.1	1086.2
45°	1559.0	1516.6	1469.7	1427.6	1382.7	1338.9	1293.9	1250.0	1207.1	1169.3	1133.9
42.5°	1675.0	1624.4	1571.0	1513.6	1455.9	1405.4	1354.9	1307.6	1259.9	1214.3	1173.5
40°	1820.7	1747.0	1684.8	1614.0	1545.6	1476.7	1421.3	1364.4	1312.3	1260.8	1213.6
37.5°	2013.0	1910.1	1820.7	1728.6	1646.7	1565.0	1493.9	1429.3	1364.4	1309.0	1256.2
35°	2272.3	2128.3	1988.2	1869.4	1759.5	1663.0	1572.9	1497.1	1425.6	1357.8	1298.6
32.5°	2639.6	2428.5	2203.5	2043.2	1892.1	1767.0	1660.9	1566.7	1484.9	1410.3	1342.5
30°	3215.7	2843.3	2524.0	2252.8	2057.7	1887.4	1750.5	1639.8	1543.8	1460.8	1385.5
27.5°	4154.6	3396.0	2953.9	2548.4	2247.0	2034.4	1856.6	1712.3	1601.0	1510.2	1427.8
25°	5677.4	4396.9	3502.3	2941.9	2505.1	2191.0	1971.0	1799.1	1662.8	1554.8	1458.0
22.5°	7907.8	5909.2	4369.9	3393.1	2821.1	2405.2	2106.3	1884.6	1718.2	1593.0	1487.7
20°	11425.3	7859.4	5633.7	4123.9	3192.3	2610.7	2249.7	1985.0	1785.9	1634.2	1514.0
17.5°	15638.3	10875.4	7064.8	4910.9	3673.4	2907.4	2417.1	2081.3	1845.7	1671.4	1536.3
15°	19884.0	14030.0	9263.7	6051.7	4198.3	3166.7	2561.0	2164.5	1904.3	1712.1	1564.2
12.5°	24572.5	17409.8	11214.7	6994.9	4739.1	3479.3	2744.5	2276.7	1968.2	1752.8	1591.1
10°	28622.4	20566.9	13559.9	8506.2	5450.4	3807.1	2912.9	2372.8	2021.6	1785.8	1612.1
7.5°	32269.1	23264.0	15526.7	9685.4	6002.0	4067.1	3047.8	2449.4	2061.7	1809.9	1626.9
5°	34857.0	25325.2	17108.7	10576.5	6396.8	4247.3	3141.7	2503.5	2088.2	1824.9	1635.5
2.5°	36471.5	26565.6	18140.6	11105.6	6589.9	4345.9	3200.6	2534.3	2110.5	1841.7	1640.3
0°	36619.3	26477.9	18285.4	11362.9	6466.8	4362.9	3228.5	2540.2	2123.3	1851.8	1638.5
-2.5°	36471.5	26565.6	18140.6	11105.6	6589.9	4345.9	3200.6	2534.3	2110.5	1841.7	1640.3
-5°	34857.0	25325.2	17108.7	10576.5	6396.8	4247.3	3141.7	2503.5	2088.2	1824.9	1635.5
-7.5°	32269.1	23264.0	15526.7	9685.4	6002.0	4067.1	3047.8	2449.4	2061.7	1809.9	1626.9
-10°	28622.4	20566.9	13559.9	8506.2	5450.4	3807.1	2912.9	2372.8	2021.6	1785.8	1612.1
-12.5°	24572.5	17409.8	11214.7	6994.9	4739.1	3479.3	2744.5	2276.7	1968.2	1752.8	1591.1
-15°	19884.0	14030.0	9263.7	6051.7	4198.3	3166.7	2561.0	2164.5	1904.3	1712.1	1564.2
-17.5°	15638.3	10875.4	7064.8	4910.9	3673.4	2907.4	2417.1	2081.3	1845.7	1671.4	1536.3
-20°	11425.3	7859.4	5633.7	4123.9	3192.3	2610.7	2249.7	1985.0	1785.9	1634.2	1514.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	7907.8	5909.2	4369.9	3393.1	2821.1	2405.2	2106.3	1884.6	1718.2	1593.0	1487.7
-25°	5677.4	4396.9	3502.3	2941.9	2505.1	2191.0	1971.0	1799.1	1662.8	1554.8	1458.0
-27.5°	4154.6	3396.0	2953.9	2548.4	2247.0	2034.4	1856.6	1712.3	1601.0	1510.2	1427.8
-30°	3215.7	2843.3	2524.0	2252.8	2057.7	1887.4	1750.5	1639.8	1543.8	1460.8	1385.5
-32.5°	2639.6	2428.5	2203.5	2043.2	1892.1	1767.0	1660.9	1566.7	1484.9	1410.3	1342.5
-35°	2272.3	2128.3	1988.2	1869.4	1759.5	1663.0	1572.9	1497.1	1425.6	1357.8	1298.6
-37.5°	2013.0	1910.1	1820.7	1728.6	1646.7	1565.0	1493.9	1429.3	1364.4	1309.0	1256.2
-40°	1820.7	1747.0	1684.8	1614.0	1545.6	1476.7	1421.3	1364.4	1312.3	1260.8	1213.6
-42.5°	1675.0	1624.4	1571.0	1513.6	1455.9	1405.4	1354.9	1307.6	1259.9	1214.3	1173.5
-45°	1559.0	1516.6	1469.7	1427.6	1382.7	1338.9	1293.9	1250.0	1207.1	1169.3	1133.9
-47.5°	1459.2	1425.7	1389.2	1352.6	1314.7	1275.0	1233.2	1190.9	1156.7	1123.1	1086.2
-50°	1374.1	1345.8	1315.1	1282.9	1250.2	1213.5	1174.9	1135.6	1104.5	1071.8	1036.2
-52.5°	1294.9	1272.6	1246.9	1219.2	1188.7	1154.8	1119.2	1082.1	1049.7	1018.2	982.9
-55°	1222.1	1204.3	1180.5	1154.9	1127.4	1095.6	1062.4	1027.0	993.8	963.5	921.4
-57.5°	1150.7	1134.7	1111.6	1087.9	1064.0	1032.2	998.9	967.5	932.8	896.1	855.0
-60°	1067.4	1057.2	1032.4	1007.7	983.5	957.3	926.0	894.5	862.8	824.8	780.6
-62.5°	963.3	952.2	933.1	912.9	893.0	871.6	843.9	814.1	784.1	749.2	700.9
-65°	849.6	837.4	824.1	811.7	796.5	778.0	753.6	726.2	693.5	655.9	615.3
-67.5°	745.4	736.0	725.7	713.9	699.6	681.5	657.6	629.2	599.4	568.8	536.8
-70°	651.8	644.2	634.4	621.4	604.9	585.7	563.3	538.8	513.0	485.9	458.1
-72.5°	556.5	549.4	539.3	524.9	508.5	491.0	472.3	451.3	428.3	403.2	380.3
-75°	457.9	451.8	443.0	430.5	416.8	402.1	385.6	367.3	348.8	330.3	312.2
-77.5°	361.8	355.1	346.9	336.5	325.2	313.0	299.9	286.5	273.2	259.2	244.5
-80°	268.5	263.4	257.8	249.8	240.9	230.9	220.2	210.1	199.5	189.4	180.0
-82.5°	183.0	181.3	178.8	172.1	165.3	158.4	151.6	145.6	139.2	132.5	125.5
-85°	102.7	102.5	101.7	98.7	95.5	92.0	88.2	84.2	80.0	75.5	70.8
-87.5°	36.5	35.8	35.2	34.4	33.6	32.7	31.8	30.8	29.7	28.6	27.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	26.2	24.9	23.6	22.3	20.8	19.4	17.9	16.4	14.8	13.3	11.7
85°	65.9	60.9	55.6	50.1	44.5	38.8	35.8	32.8	29.7	26.5	23.3
82.5°	118.1	110.5	102.6	94.4	86.0	77.3	68.4	59.3	49.7	40.5	34.9
80°	170.2	160.0	149.5	138.6	127.7	115.7	103.9	91.5	78.0	65.0	52.6
77.5°	229.1	213.2	196.7	183.0	170.4	156.6	141.4	124.5	106.0	89.2	73.2
75°	293.7	274.5	254.6	235.0	216.3	197.4	180.2	160.3	137.1	113.6	93.5
72.5°	360.2	338.1	314.0	289.5	267.3	244.4	220.9	195.7	169.1	142.2	114.8
70°	430.5	403.1	376.3	348.5	320.0	291.3	264.1	233.8	200.8	170.3	139.6
67.5°	503.5	470.9	438.8	407.2	374.8	341.6	307.5	272.1	235.4	198.2	164.0
65°	578.2	539.7	500.5	465.3	429.0	391.8	353.8	310.6	269.4	228.5	187.9
62.5°	654.1	609.6	566.2	523.5	482.5	441.4	398.7	350.3	303.2	258.3	213.2
60°	730.8	679.5	630.5	582.9	535.9	490.1	442.0	388.9	337.4	287.4	238.7
57.5°	804.1	747.6	692.0	639.9	588.9	538.1	484.3	427.0	370.4	316.2	263.6
55°	875.4	817.7	752.4	693.1	638.8	584.8	525.2	464.5	402.7	344.2	287.8
52.5°	938.3	880.8	813.1	745.3	684.5	627.9	564.1	500.9	435.5	371.0	311.2
50°	995.2	937.0	869.0	797.5	728.3	665.6	601.3	534.5	467.1	397.5	333.9
47.5°	1044.4	988.6	921.5	846.7	772.7	701.9	635.1	566.3	497.6	424.5	355.8
45°	1089.0	1038.2	971.6	895.0	814.0	738.7	667.0	596.4	524.6	450.7	376.8
42.5°	1130.5	1081.3	1020.4	942.1	855.8	774.0	697.4	624.0	549.9	475.5	397.8
40°	1168.1	1118.8	1066.0	986.2	895.6	807.0	727.3	650.2	573.7	498.3	418.1
37.5°	1205.2	1154.4	1099.6	1027.4	932.7	840.9	755.1	675.0	596.5	518.5	437.3
35°	1243.4	1188.9	1129.1	1059.9	968.3	872.0	780.8	698.2	618.1	537.5	455.1
32.5°	1280.1	1219.9	1156.1	1087.2	1001.4	900.3	805.7	720.7	638.2	555.3	471.5
30°	1316.1	1245.4	1180.1	1115.2	1030.4	928.0	830.2	741.7	657.0	571.8	486.5
27.5°	1343.4	1267.6	1201.2	1137.1	1054.6	953.6	854.0	761.0	674.2	587.0	499.7
25°	1368.1	1288.9	1219.3	1154.5	1078.5	980.0	875.8	778.7	689.9	600.9	511.7
22.5°	1392.7	1307.5	1234.5	1169.2	1101.2	1003.9	896.5	796.4	704.1	613.4	522.5
20°	1413.9	1322.5	1247.0	1182.9	1116.3	1022.5	915.8	812.1	716.6	624.5	532.1
17.5°	1432.1	1337.8	1260.1	1194.0	1126.6	1038.2	932.6	825.9	727.6	634.1	540.5
15°	1450.6	1353.5	1271.3	1202.6	1135.7	1051.1	947.0	837.5	736.8	642.2	548.2
12.5°	1466.5	1365.2	1280.0	1208.8	1143.2	1061.1	958.9	847.1	744.4	649.9	555.4
10°	1478.9	1372.9	1286.1	1212.6	1149.1	1068.4	968.2	856.0	753.4	656.7	561.4
7.5°	1487.6	1376.7	1289.6	1214.2	1153.3	1074.9	977.3	865.8	761.4	662.1	566.0
5°	1493.4	1378.4	1291.9	1217.9	1155.8	1081.0	983.8	873.4	767.9	665.9	569.3
2.5°	1500.4	1379.2	1292.0	1220.6	1155.8	1084.7	987.7	879.0	772.6	668.2	571.3
0°	1502.8	1376.7	1289.5	1221.6	1153.7	1085.9	988.9	882.3	775.6	669.0	572.0
-2.5°	1500.4	1379.2	1292.0	1220.6	1155.8	1084.7	987.7	879.0	772.6	668.2	571.3
-5°	1493.4	1378.4	1291.9	1217.9	1155.8	1081.0	983.8	873.4	767.9	665.9	569.3
-7.5°	1487.6	1376.7	1289.6	1214.2	1153.3	1074.9	977.3	865.8	761.4	662.1	566.0
-10°	1478.9	1372.9	1286.1	1212.6	1149.1	1068.4	968.2	856.0	753.4	656.7	561.4
-12.5°	1466.5	1365.2	1280.0	1208.8	1143.2	1061.1	958.9	847.1	744.4	649.9	555.4
-15°	1450.6	1353.5	1271.3	1202.6	1135.7	1051.1	947.0	837.5	736.8	642.2	548.2
-17.5°	1432.1	1337.8	1260.1	1194.0	1126.6	1038.2	932.6	825.9	727.6	634.1	540.5
-20°	1413.9	1322.5	1247.0	1182.9	1116.3	1022.5	915.8	812.1	716.6	624.5	532.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1392.7	1307.5	1234.5	1169.2	1101.2	1003.9	896.5	796.4	704.1	613.4	522.5
-25°	1368.1	1288.9	1219.3	1154.5	1078.5	980.0	875.8	778.7	689.9	600.9	511.7
-27.5°	1343.4	1267.6	1201.2	1137.1	1054.6	953.6	854.0	761.0	674.2	587.0	499.7
-30°	1316.1	1245.4	1180.1	1115.2	1030.4	928.0	830.2	741.7	657.0	571.8	486.5
-32.5°	1280.1	1219.9	1156.1	1087.2	1001.4	900.3	805.7	720.7	638.2	555.3	471.5
-35°	1243.4	1188.9	1129.1	1059.9	968.3	872.0	780.8	698.2	618.1	537.5	455.1
-37.5°	1205.2	1154.4	1099.6	1027.4	932.7	840.9	755.1	675.0	596.5	518.5	437.3
-40°	1168.1	1118.8	1066.0	986.2	895.6	807.0	727.3	650.2	573.7	498.3	418.1
-42.5°	1130.5	1081.3	1020.4	942.1	855.8	774.0	697.4	624.0	549.9	475.5	397.8
-45°	1089.0	1038.2	971.6	895.0	814.0	738.7	667.0	596.4	524.6	450.7	376.8
-47.5°	1044.4	988.6	921.5	846.7	772.7	701.9	635.1	566.3	497.6	424.5	355.8
-50°	995.2	937.0	869.0	797.5	728.3	665.6	601.3	534.5	467.1	397.5	333.9
-52.5°	938.3	880.8	813.1	745.3	684.5	627.9	564.1	500.9	435.5	371.0	311.2
-55°	875.4	817.7	752.4	693.1	638.8	584.8	525.2	464.5	402.7	344.2	287.8
-57.5°	804.1	747.6	692.0	639.9	588.9	538.1	484.3	427.0	370.4	316.2	263.6
-60°	730.8	679.5	630.5	582.9	535.9	490.1	442.0	388.9	337.4	287.4	238.7
-62.5°	654.1	609.6	566.2	523.5	482.5	441.4	398.7	350.3	303.2	258.3	213.2
-65°	578.2	539.7	500.5	465.3	429.0	391.8	353.8	310.6	269.4	228.5	187.9
-67.5°	503.5	470.9	438.8	407.2	374.8	341.6	307.5	272.1	235.4	198.2	164.0
-70°	430.5	403.1	376.3	348.5	320.0	291.3	264.1	233.8	200.8	170.3	139.6
-72.5°	360.2	338.1	314.0	289.5	267.3	244.4	220.9	195.7	169.1	142.2	114.8
-75°	293.7	274.5	254.6	235.0	216.3	197.4	180.2	160.3	137.1	113.6	93.5
-77.5°	229.1	213.2	196.7	183.0	170.4	156.6	141.4	124.5	106.0	89.2	73.2
-80°	170.2	160.0	149.5	138.6	127.7	115.7	103.9	91.5	78.0	65.0	52.6
-82.5°	118.1	110.5	102.6	94.4	86.0	77.3	68.4	59.3	49.7	40.5	34.9
-85°	65.9	60.9	55.6	50.1	44.5	38.8	35.8	32.8	29.7	26.5	23.3
-87.5°	26.2	24.9	23.6	22.3	20.8	19.4	17.9	16.4	14.8	13.3	11.7
-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: P627985 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	10.0	8.4	6.7	5.1	3.4	1.7	0.0
85°	20.1	16.8	13.5	10.1	6.8	3.4	0.0
82.5°	30.0	25.1	20.2	15.2	10.1	5.1	0.0
80°	40.9	33.4	26.8	20.2	13.5	6.7	0.0
77.5°	58.1	43.8	33.4	25.1	16.8	8.4	0.0
75°	75.2	58.1	40.9	30.0	20.1	10.0	0.0
72.5°	92.1	72.2	52.2	34.9	23.3	11.7	0.0
70°	109.3	86.1	63.3	40.4	26.5	13.3	0.0
67.5°	130.5	99.9	74.3	48.6	29.7	14.8	0.0
65°	151.3	115.3	85.1	56.8	32.8	16.4	0.0
62.5°	171.7	132.3	95.7	64.7	35.8	17.9	0.0
60°	191.6	148.9	106.1	72.5	38.8	19.4	0.0
57.5°	212.6	165.2	118.9	80.1	43.8	20.8	0.0
55°	233.1	181.0	131.6	87.4	48.7	22.3	0.0
52.5°	252.8	196.5	143.9	94.6	53.5	23.6	0.0
50°	271.7	212.2	155.8	101.5	58.1	24.9	0.0
47.5°	289.9	227.1	167.3	108.7	62.5	26.2	0.0
45°	307.9	241.4	178.3	116.9	66.8	27.4	0.0
42.5°	325.1	254.9	188.9	124.8	70.9	28.6	0.0
40°	341.5	267.7	199.0	132.3	74.8	29.7	0.0
37.5°	357.0	279.8	208.7	139.3	78.5	30.8	0.0
35°	371.7	291.6	217.8	145.7	82.0	31.8	0.0
32.5°	385.5	303.0	226.2	151.7	85.3	32.7	0.0
30°	398.7	313.6	234.0	157.2	88.4	33.6	0.0
27.5°	410.7	323.4	241.1	162.2	91.2	34.4	0.0
25°	421.5	332.4	247.7	166.7	93.9	35.2	0.0
22.5°	431.1	340.5	253.7	170.7	96.3	35.8	0.0
20°	439.6	347.6	259.2	174.2	98.4	36.5	0.0
17.5°	447.4	353.6	264.2	177.2	100.3	37.0	0.0
15°	454.4	358.6	268.5	179.6	102.0	37.5	0.0
12.5°	460.5	362.6	272.3	181.6	103.4	37.9	0.0
10°	465.6	365.6	275.5	183.1	104.5	38.2	0.0
7.5°	469.7	367.7	277.9	184.1	105.4	38.5	0.0
5°	472.7	368.8	279.7	184.6	106.1	38.7	0.0
2.5°	474.5	369.0	280.8	184.6	106.5	38.8	0.0
0°	475.1	368.4	281.2	184.2	106.6	38.8	0.0
-2.5°	474.5	369.0	280.8	184.6	106.5	38.8	0.0
-5°	472.7	368.8	279.7	184.6	106.1	38.7	0.0
-7.5°	469.7	367.7	277.9	184.1	105.4	38.5	0.0
-10°	465.6	365.6	275.5	183.1	104.5	38.2	0.0
-12.5°	460.5	362.6	272.3	181.6	103.4	37.9	0.0
-15°	454.4	358.6	268.5	179.6	102.0	37.5	0.0
-17.5°	447.4	353.6	264.2	177.2	100.3	37.0	0.0
-20°	439.6	347.6	259.2	174.2	98.4	36.5	0.0

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CATALOG NUMBER: GFLD-SA6E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	431.1	340.5	253.7	170.7	96.3	35.8	0.0
-25°	421.5	332.4	247.7	166.7	93.9	35.2	0.0
-27.5°	410.7	323.4	241.1	162.2	91.2	34.4	0.0
-30°	398.7	313.6	234.0	157.2	88.4	33.6	0.0
-32.5°	385.5	303.0	226.2	151.7	85.3	32.7	0.0
-35°	371.7	291.6	217.8	145.7	82.0	31.8	0.0
-37.5°	357.0	279.8	208.7	139.3	78.5	30.8	0.0
-40°	341.5	267.7	199.0	132.3	74.8	29.7	0.0
-42.5°	325.1	254.9	188.9	124.8	70.9	28.6	0.0
-45°	307.9	241.4	178.3	116.9	66.8	27.4	0.0
-47.5°	289.9	227.1	167.3	108.7	62.5	26.2	0.0
-50°	271.7	212.2	155.8	101.5	58.1	24.9	0.0
-52.5°	252.8	196.5	143.9	94.6	53.5	23.6	0.0
-55°	233.1	181.0	131.6	87.4	48.7	22.3	0.0
-57.5°	212.6	165.2	118.9	80.1	43.8	20.8	0.0
-60°	191.6	148.9	106.1	72.5	38.8	19.4	0.0
-62.5°	171.7	132.3	95.7	64.7	35.8	17.9	0.0
-65°	151.3	115.3	85.1	56.8	32.8	16.4	0.0
-67.5°	130.5	99.9	74.3	48.6	29.7	14.8	0.0
-70°	109.3	86.1	63.3	40.4	26.5	13.3	0.0
-72.5°	92.1	72.2	52.2	34.9	23.3	11.7	0.0
-75°	75.2	58.1	40.9	30.0	20.1	10.0	0.0
-77.5°	58.1	43.8	33.4	25.1	16.8	8.4	0.0
-80°	40.9	33.4	26.8	20.2	13.5	6.7	0.0
-82.5°	30.0	25.1	20.2	15.2	10.1	5.1	0.0
-85°	20.1	16.8	13.5	10.1	6.8	3.4	0.0
-87.5°	10.0	8.4	6.7	5.1	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)