

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: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-722-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-722-U-VWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N62
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

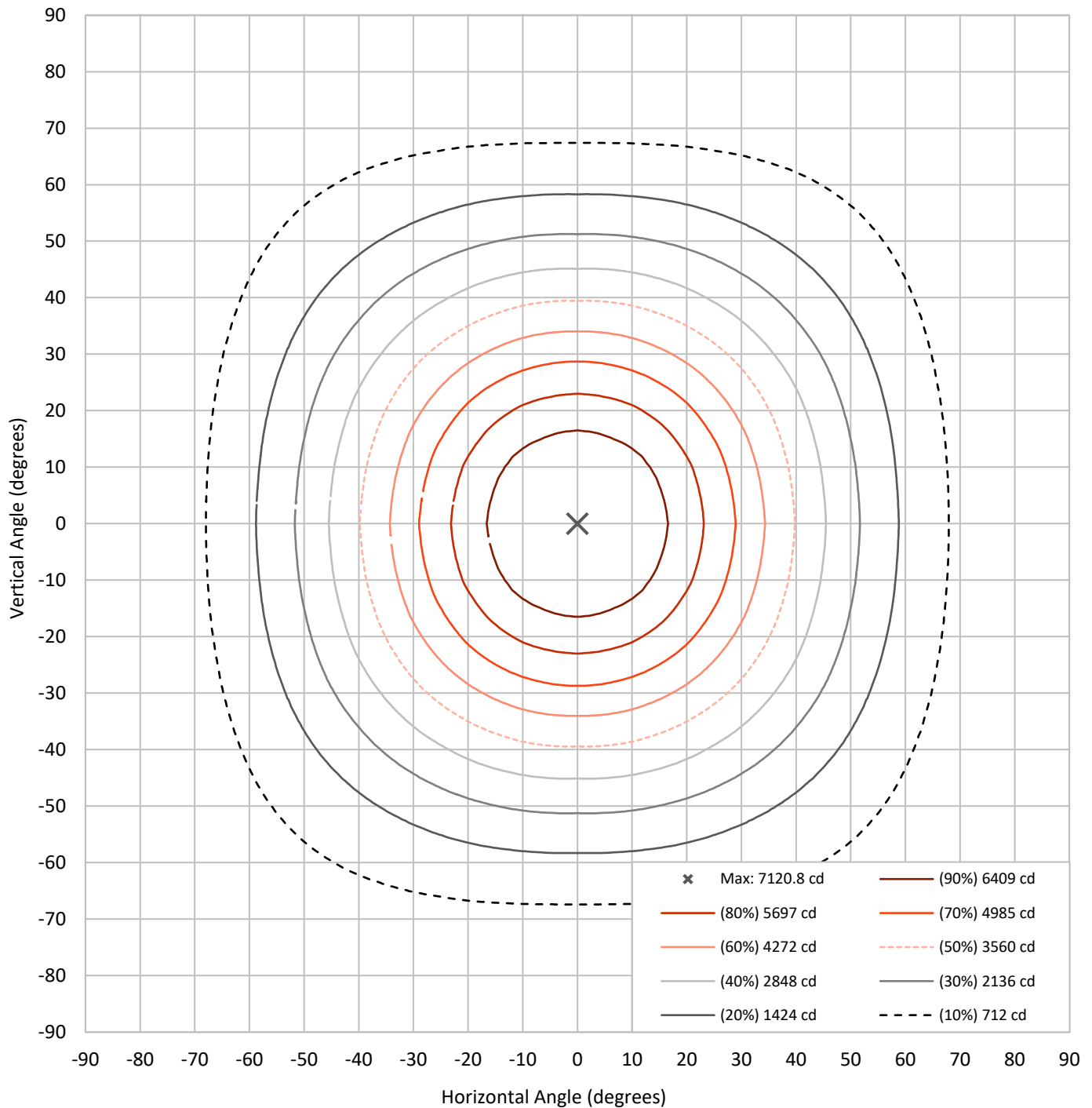
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	12870.3 lumens	Max Intensity:	7120.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	7548.5 lumens	Field Lumens:	12269.6 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	121.7		
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





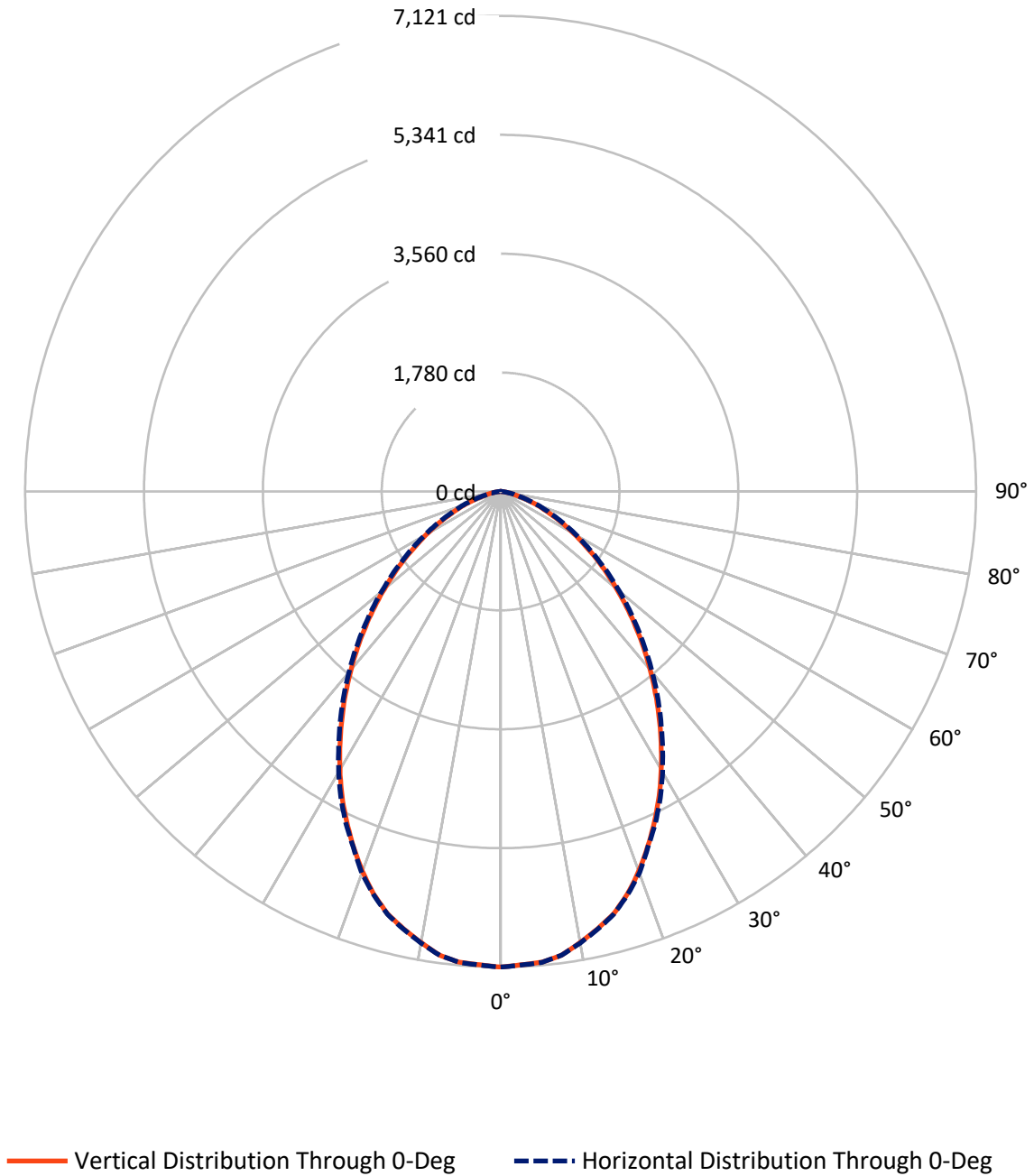
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Lumen Table

90																			
80	0.4	5.3	14.4	24.4	23.0	24.4	14.4	5.3	0.4										
70																			
60	2.4	3.3	6.7	11.4	16.6	21.4	25.1	26.8	26.8	25.1	21.4	16.6	11.4	6.7	3.3	2.4			
50																			
40	4.2	5.0	10.8	19.3	29.2	39.7	48.4	52.8	52.8	48.4	39.7	29.2	19.3	10.8	5.0	4.2			
30																			
20	5.4	6.6	15.6	28.9	45.8	63.5	78.3	86.4	86.4	78.3	63.5	45.8	28.9	15.6	6.6	5.4			
10																			
0	5.9	8.4	20.7	39.8	64.1	89.9	111.9	124.4	124.4	111.9	89.9	64.1	39.8	20.7	8.4	5.9			
-10																			
-20	5.4	10.1	25.5	50.0	81.6	115.8	145.7	162.8	162.8	145.7	115.8	81.6	50.0	25.5	10.1	5.4			
-30																			
-40	4.2	11.4	29.2	57.7	95.3	136.9	173.6	194.5	194.5	173.6	136.9	95.3	57.7	29.2	11.4	4.2			
-50																			
-60	2.4	12.0	31.2	62.0	102.9	148.5	188.7	210.7	210.7	188.7	148.5	102.9	62.0	31.2	12.0	2.4			
-70																			
-80	0.4	12.0	31.2	62.0	102.9	148.5	188.7	210.7	210.7	188.7	148.5	102.9	62.0	31.2	12.0	0.4			
-90																			

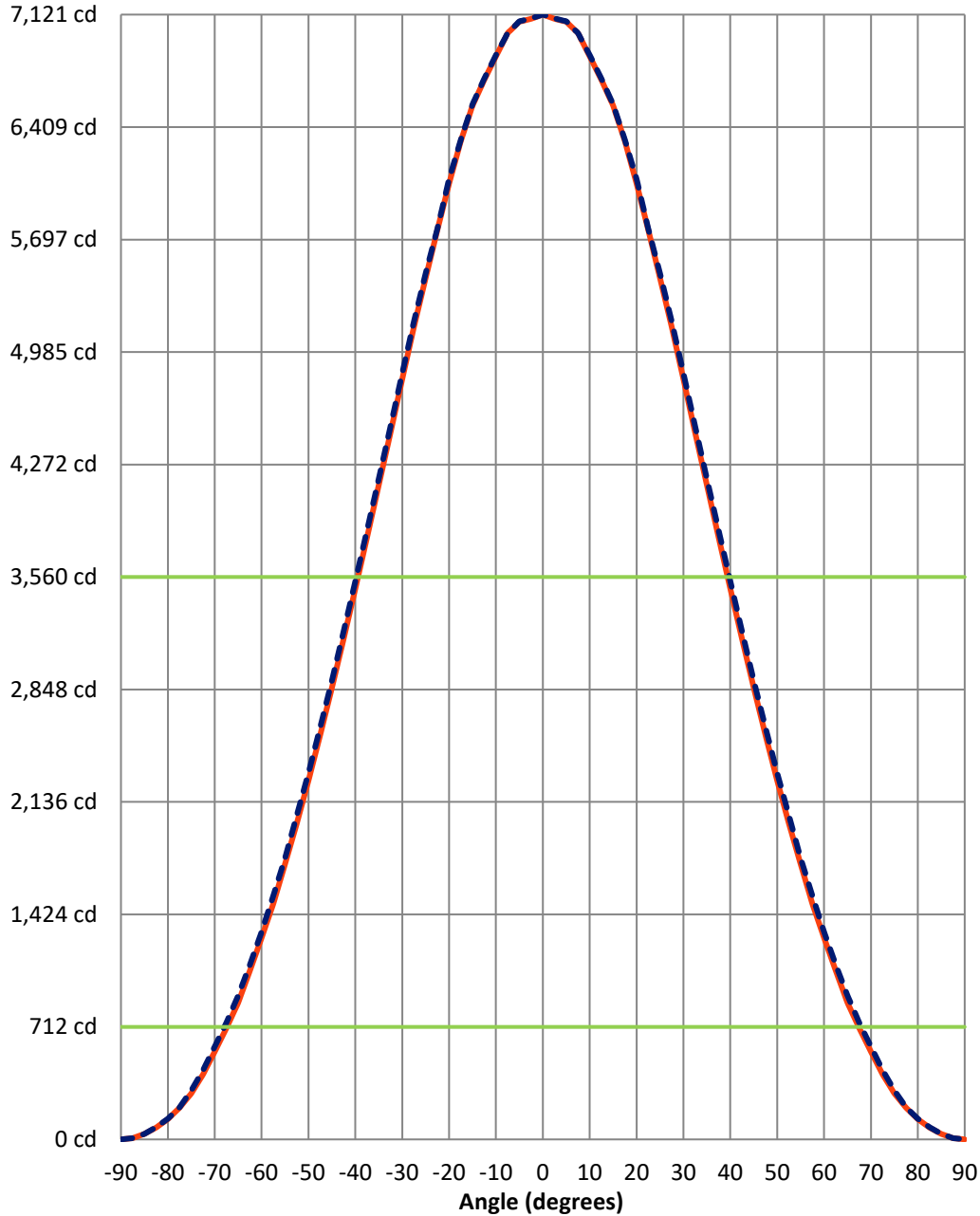
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 7548.5
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 12269.6
 Efficiency: 95.3%

Spill:
 Lumens: 600.7
 Efficiency: 4.7%

— 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	0.4	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.5
85°	0.0	0.8	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
82.5°	0.0	1.2	2.8	4.2	5.6	6.9	8.3	9.6	12.0	18.9	25.5
80°	0.0	1.6	3.7	5.6	7.4	9.2	12.5	22.2	31.5	40.4	49.0
77.5°	0.0	2.0	4.6	6.9	9.2	14.4	27.1	39.3	50.8	61.9	75.5
75°	0.0	2.4	5.5	8.3	12.0	25.0	41.4	56.4	70.8	90.5	111.5
72.5°	0.0	2.8	6.4	9.6	19.1	35.2	55.3	74.7	97.3	121.3	146.8
70°	0.0	3.2	7.2	11.5	26.0	45.0	69.1	96.7	123.3	151.6	184.7
67.5°	0.0	3.5	8.0	15.8	32.6	54.5	85.7	118.2	148.7	184.5	222.5
65°	0.0	3.9	8.8	19.9	38.9	65.1	101.6	139.1	176.1	216.4	257.8
62.5°	0.0	4.2	9.6	23.8	44.9	76.7	116.7	160.9	202.7	246.9	289.3
60°	0.0	4.6	10.3	27.5	50.5	87.6	131.0	182.6	228.2	275.4	320.4
57.5°	0.0	4.9	12.4	30.9	58.0	97.9	146.0	202.8	253.4	303.4	349.9
55°	0.0	5.2	14.4	34.2	65.2	107.5	160.2	220.3	278.2	330.5	378.3
52.5°	0.0	5.5	16.4	37.1	71.8	116.6	173.3	238.4	302.3	355.4	405.9
50°	0.0	5.8	18.2	39.9	77.9	126.2	185.4	255.6	325.3	379.6	437.5
47.5°	0.0	6.1	20.0	42.7	83.5	135.1	196.7	271.6	346.1	402.9	468.5
45°	0.0	6.3	21.7	46.4	88.5	143.0	209.2	286.4	362.3	429.4	498.1
42.5°	0.0	6.6	23.3	49.8	93.0	150.1	220.7	299.9	377.7	454.8	533.0
40°	0.0	6.8	24.8	53.2	97.5	156.3	231.1	312.8	393.8	478.5	567.1
37.5°	0.0	7.0	26.2	56.6	101.9	161.6	240.5	325.0	411.9	501.1	599.0
35°	0.0	7.2	27.5	59.8	105.7	167.7	248.7	336.4	429.5	527.0	631.1
32.5°	0.0	7.4	28.7	62.7	108.9	173.8	256.3	347.2	446.6	551.9	665.2
30°	0.0	7.5	29.8	65.4	111.5	179.0	264.2	357.9	463.1	575.8	697.0
27.5°	0.0	7.6	30.8	67.8	115.3	183.3	271.4	370.4	480.1	598.4	726.5
25°	0.0	7.8	31.7	69.9	118.9	186.7	277.6	382.0	497.8	621.4	753.9
22.5°	0.0	7.9	32.5	71.9	122.0	190.1	283.0	392.7	514.1	643.2	782.9
20°	0.0	8.0	33.2	73.5	124.7	194.9	287.4	402.2	528.9	662.7	809.0
17.5°	0.0	8.0	33.7	74.9	127.0	198.7	293.0	410.7	542.1	679.8	832.0
15°	0.0	8.1	34.2	76.0	128.8	201.7	298.7	418.7	553.5	694.4	851.8
12.5°	0.0	8.1	34.6	76.9	130.3	203.9	303.4	426.2	563.9	706.6	868.4
10°	0.0	8.1	34.8	77.5	131.2	205.2	307.0	432.0	572.8	718.0	882.4
7.5°	0.0	8.1	34.9	77.9	131.8	205.8	309.4	436.1	579.7	727.2	894.5
5°	0.0	8.1	35.0	78.0	131.9	205.5	310.7	438.4	584.5	733.9	903.2
2.5°	0.0	8.1	34.9	77.8	131.5	204.5	310.8	438.9	587.0	737.9	908.4
0°	0.0	8.0	34.7	77.4	130.8	202.8	309.6	437.7	587.2	739.3	910.1
-2.5°	0.0	8.1	34.9	77.8	131.5	204.5	310.8	438.9	587.0	737.9	908.4
-5°	0.0	8.1	35.0	78.0	131.9	205.5	310.7	438.4	584.5	733.9	903.2
-7.5°	0.0	8.1	34.9	77.9	131.8	205.8	309.4	436.1	579.7	727.2	894.5
-10°	0.0	8.1	34.8	77.5	131.2	205.2	307.0	432.0	572.8	718.0	882.4
-12.5°	0.0	8.1	34.6	76.9	130.3	203.9	303.4	426.2	563.9	706.6	868.4
-15°	0.0	8.1	34.2	76.0	128.8	201.7	298.7	418.7	553.5	694.4	851.8
-17.5°	0.0	8.0	33.7	74.9	127.0	198.7	293.0	410.7	542.1	679.8	832.0
-20°	0.0	8.0	33.2	73.5	124.7	194.9	287.4	402.2	528.9	662.7	809.0

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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	7.9	32.5	71.9	122.0	190.1	283.0	392.7	514.1	643.2	782.9
-25°	0.0	7.8	31.7	69.9	118.9	186.7	277.6	382.0	497.8	621.4	753.9
-27.5°	0.0	7.6	30.8	67.8	115.3	183.3	271.4	370.4	480.1	598.4	726.5
-30°	0.0	7.5	29.8	65.4	111.5	179.0	264.2	357.9	463.1	575.8	697.0
-32.5°	0.0	7.4	28.7	62.7	108.9	173.8	256.3	347.2	446.6	551.9	665.2
-35°	0.0	7.2	27.5	59.8	105.7	167.7	248.7	336.4	429.5	527.0	631.1
-37.5°	0.0	7.0	26.2	56.6	101.9	161.6	240.5	325.0	411.9	501.1	599.0
-40°	0.0	6.8	24.8	53.2	97.5	156.3	231.1	312.8	393.8	478.5	567.1
-42.5°	0.0	6.6	23.3	49.8	93.0	150.1	220.7	299.9	377.7	454.8	533.0
-45°	0.0	6.3	21.7	46.4	88.5	143.0	209.2	286.4	362.3	429.4	498.1
-47.5°	0.0	6.1	20.0	42.7	83.5	135.1	196.7	271.6	346.1	402.9	468.5
-50°	0.0	5.8	18.2	39.9	77.9	126.2	185.4	255.6	325.3	379.6	437.5
-52.5°	0.0	5.5	16.4	37.1	71.8	116.6	173.3	238.4	302.3	355.4	405.9
-55°	0.0	5.2	14.4	34.2	65.2	107.5	160.2	220.3	278.2	330.5	378.3
-57.5°	0.0	4.9	12.4	30.9	58.0	97.9	146.0	202.8	253.4	303.4	349.9
-60°	0.0	4.6	10.3	27.5	50.5	87.6	131.0	182.6	228.2	275.4	320.4
-62.5°	0.0	4.2	9.6	23.8	44.9	76.7	116.7	160.9	202.7	246.9	289.3
-65°	0.0	3.9	8.8	19.9	38.9	65.1	101.6	139.1	176.1	216.4	257.8
-67.5°	0.0	3.5	8.0	15.8	32.6	54.5	85.7	118.2	148.7	184.5	222.5
-70°	0.0	3.2	7.2	11.5	26.0	45.0	69.1	96.7	123.3	151.6	184.7
-72.5°	0.0	2.8	6.4	9.6	19.1	35.2	55.3	74.7	97.3	121.3	146.8
-75°	0.0	2.4	5.5	8.3	12.0	25.0	41.4	56.4	70.8	90.5	111.5
-77.5°	0.0	2.0	4.6	6.9	9.2	14.4	27.1	39.3	50.8	61.9	75.5
-80°	0.0	1.6	3.7	5.6	7.4	9.2	12.5	22.2	31.5	40.4	49.0
-82.5°	0.0	1.2	2.8	4.2	5.6	6.9	8.3	9.6	12.0	18.9	25.5
-85°	0.0	0.8	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
-87.5°	0.0	0.4	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.5
-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°	5.2	6.0	6.8	7.6	7.7	7.7	7.7	7.6	7.9	8.2	8.5
85°	10.4	12.0	16.6	21.1	23.3	24.6	25.2	25.2	29.3	34.0	39.1
82.5°	32.5	39.1	45.5	51.6	53.2	53.2	52.7	52.9	62.5	73.5	84.8
80°	57.8	66.3	77.6	87.5	91.9	94.1	95.2	95.0	107.2	123.3	140.3
77.5°	91.7	106.0	118.5	129.0	134.8	139.8	143.9	147.0	162.7	183.1	203.4
75°	130.4	146.1	161.6	175.2	184.7	191.8	198.3	208.9	229.3	253.2	274.0
72.5°	171.1	191.2	208.5	223.3	236.6	250.7	266.6	283.9	305.5	329.3	351.0
70°	214.7	236.7	254.9	272.6	290.8	312.0	335.7	359.1	383.2	409.5	434.8
67.5°	257.3	278.5	299.9	322.3	349.5	377.9	405.9	438.2	471.2	500.4	526.6
65°	294.3	319.2	346.0	376.4	409.9	446.0	483.5	522.2	564.0	599.1	631.1
62.5°	329.6	359.6	392.1	430.0	472.8	515.5	563.3	611.8	658.9	700.2	738.4
60°	362.2	398.5	439.6	486.0	536.0	592.8	647.2	702.3	754.0	800.8	849.0
57.5°	393.9	439.5	488.9	544.6	607.8	671.5	735.6	794.8	853.3	910.3	964.9
55°	427.4	482.4	541.1	609.5	680.8	756.2	825.1	891.2	955.7	1024.9	1090.7
52.5°	464.3	525.7	599.2	675.8	758.1	839.0	914.8	990.1	1068.0	1146.3	1231.9
50°	499.8	576.4	657.0	746.1	835.0	921.7	1008.6	1095.3	1188.6	1284.7	1381.7
47.5°	541.4	625.0	720.3	815.8	912.9	1009.4	1106.2	1211.0	1317.0	1428.4	1535.8
45°	583.5	677.5	780.1	888.1	993.2	1100.0	1213.2	1329.1	1453.3	1575.9	1705.0
42.5°	623.4	729.6	842.8	959.4	1076.2	1195.6	1320.1	1455.4	1591.2	1732.6	1874.5
40°	667.6	779.3	904.0	1032.4	1159.2	1291.5	1433.8	1580.4	1734.1	1889.4	2043.5
37.5°	710.1	832.8	963.9	1102.2	1244.4	1389.8	1544.3	1710.7	1877.4	2044.5	2214.5
35°	749.9	883.6	1025.6	1172.4	1323.3	1488.6	1661.3	1839.0	2019.5	2200.3	2383.2
32.5°	790.9	931.5	1084.5	1241.6	1407.9	1585.2	1774.4	1966.9	2159.2	2352.3	2552.4
30°	831.9	981.7	1141.6	1307.1	1489.0	1682.2	1885.5	2089.4	2292.8	2505.4	2718.6
27.5°	870.6	1029.3	1197.7	1374.8	1566.7	1772.0	1987.9	2206.3	2425.7	2651.6	2879.1
25°	906.3	1074.5	1249.8	1439.9	1643.3	1858.4	2083.3	2311.2	2551.8	2793.6	3031.1
22.5°	941.1	1115.9	1298.0	1499.9	1712.7	1938.7	2172.8	2413.5	2664.9	2924.6	3170.4
20°	974.6	1155.4	1344.9	1554.3	1774.9	2010.9	2254.2	2506.3	2770.0	3036.6	3301.0
17.5°	1004.4	1190.5	1388.6	1605.1	1834.3	2076.9	2327.5	2587.9	2863.4	3139.7	3419.8
15°	1030.3	1221.0	1426.5	1649.5	1886.8	2137.0	2395.6	2663.3	2945.9	3233.6	3524.8
12.5°	1052.2	1246.9	1458.3	1687.2	1931.3	2188.5	2454.1	2731.2	3021.4	3317.2	3616.8
10°	1070.0	1267.9	1484.1	1718.1	1967.7	2231.1	2502.2	2787.1	3086.0	3388.2	3694.2
7.5°	1085.1	1285.5	1504.5	1741.9	1995.7	2264.4	2539.7	2830.8	3137.5	3443.7	3756.4
5°	1096.2	1299.7	1523.3	1761.8	2020.1	2290.4	2568.1	2861.8	3175.2	3483.1	3801.5
2.5°	1102.8	1309.0	1536.1	1774.7	2039.2	2309.9	2593.4	2889.4	3202.8	3514.4	3835.4
0°	1105.0	1313.1	1542.7	1780.2	2049.8	2319.3	2607.6	2903.9	3216.1	3533.7	3856.7
-2.5°	1102.8	1309.0	1536.1	1774.7	2039.2	2309.9	2593.4	2889.4	3202.8	3514.4	3835.4
-5°	1096.2	1299.7	1523.3	1761.8	2020.1	2290.4	2568.1	2861.8	3175.2	3483.1	3801.5
-7.5°	1085.1	1285.5	1504.5	1741.9	1995.7	2264.4	2539.7	2830.8	3137.5	3443.7	3756.4
-10°	1070.0	1267.9	1484.1	1718.1	1967.7	2231.1	2502.2	2787.1	3086.0	3388.2	3694.2
-12.5°	1052.2	1246.9	1458.3	1687.2	1931.3	2188.5	2454.1	2731.2	3021.4	3317.2	3616.8
-15°	1030.3	1221.0	1426.5	1649.5	1886.8	2137.0	2395.6	2663.3	2945.9	3233.6	3524.8
-17.5°	1004.4	1190.5	1388.6	1605.1	1834.3	2076.9	2327.5	2587.9	2863.4	3139.7	3419.8
-20°	974.6	1155.4	1344.9	1554.3	1774.9	2010.9	2254.2	2506.3	2770.0	3036.6	3301.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	941.1	1115.9	1298.0	1499.9	1712.7	1938.7	2172.8	2413.5	2664.9	2924.6	3170.4
-25°	906.3	1074.5	1249.8	1439.9	1643.3	1858.4	2083.3	2311.2	2551.8	2793.6	3031.1
-27.5°	870.6	1029.3	1197.7	1374.8	1566.7	1772.0	1987.9	2206.3	2425.7	2651.6	2879.1
-30°	831.9	981.7	1141.6	1307.1	1489.0	1682.2	1885.5	2089.4	2292.8	2505.4	2718.6
-32.5°	790.9	931.5	1084.5	1241.6	1407.9	1585.2	1774.4	1966.9	2159.2	2352.3	2552.4
-35°	749.9	883.6	1025.6	1172.4	1323.3	1488.6	1661.3	1839.0	2019.5	2200.3	2383.2
-37.5°	710.1	832.8	963.9	1102.2	1244.4	1389.8	1544.3	1710.7	1877.4	2044.5	2214.5
-40°	667.6	779.3	904.0	1032.4	1159.2	1291.5	1433.8	1580.4	1734.1	1889.4	2043.5
-42.5°	623.4	729.6	842.8	959.4	1076.2	1195.6	1320.1	1455.4	1591.2	1732.6	1874.5
-45°	583.5	677.5	780.1	888.1	993.2	1100.0	1213.2	1329.1	1453.3	1575.9	1705.0
-47.5°	541.4	625.0	720.3	815.8	912.9	1009.4	1106.2	1211.0	1317.0	1428.4	1535.8
-50°	499.8	576.4	657.0	746.1	835.0	921.7	1008.6	1095.3	1188.6	1284.7	1381.7
-52.5°	464.3	525.7	599.2	675.8	758.1	839.0	914.8	990.1	1068.0	1146.3	1231.9
-55°	427.4	482.4	541.1	609.5	680.8	756.2	825.1	891.2	955.7	1024.9	1090.7
-57.5°	393.9	439.5	488.9	544.6	607.8	671.5	735.6	794.8	853.3	910.3	964.9
-60°	362.2	398.5	439.6	486.0	536.0	592.8	647.2	702.3	754.0	800.8	849.0
-62.5°	329.6	359.6	392.1	430.0	472.8	515.5	563.3	611.8	658.9	700.2	738.4
-65°	294.3	319.2	346.0	376.4	409.9	446.0	483.5	522.2	564.0	599.1	631.1
-67.5°	257.3	278.5	299.9	322.3	349.5	377.9	405.9	438.2	471.2	500.4	526.6
-70°	214.7	236.7	254.9	272.6	290.8	312.0	335.7	359.1	383.2	409.5	434.8
-72.5°	171.1	191.2	208.5	223.3	236.6	250.7	266.6	283.9	305.5	329.3	351.0
-75°	130.4	146.1	161.6	175.2	184.7	191.8	198.3	208.9	229.3	253.2	274.0
-77.5°	91.7	106.0	118.5	129.0	134.8	139.8	143.9	147.0	162.7	183.1	203.4
-80°	57.8	66.3	77.6	87.5	91.9	94.1	95.2	95.0	107.2	123.3	140.3
-82.5°	32.5	39.1	45.5	51.6	53.2	53.2	52.7	52.9	62.5	73.5	84.8
-85°	10.4	12.0	16.6	21.1	23.3	24.6	25.2	25.2	29.3	34.0	39.1
-87.5°	5.2	6.0	6.8	7.6	7.7	7.7	7.7	7.6	7.9	8.2	8.5
-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: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-VWR-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°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.2	10.3	9.8	9.2
85°	44.6	47.8	50.7	53.5	56.2	58.7	61.1	63.3	65.4	59.7	53.4
82.5°	96.3	104.0	111.4	118.7	125.9	127.8	128.3	128.0	127.0	117.0	106.0
80°	157.2	170.3	182.6	194.8	206.9	208.3	206.9	204.3	200.8	187.8	173.0
77.5°	223.6	240.1	254.5	267.7	279.7	282.0	281.7	281.1	280.1	266.8	250.6
75°	291.7	307.9	323.4	336.6	347.6	352.7	355.2	356.9	357.9	348.4	335.8
72.5°	370.7	387.4	401.2	414.0	424.8	432.7	438.4	442.7	445.6	442.7	437.5
70°	456.4	474.4	489.5	504.0	518.7	530.5	539.5	545.9	550.1	552.7	554.6
67.5°	552.9	577.1	598.1	616.1	633.9	650.6	664.3	675.5	684.2	691.5	697.2
65°	661.7	692.5	719.9	745.0	768.0	792.3	812.1	828.8	842.1	853.2	862.1
62.5°	775.9	813.7	848.9	883.0	916.4	949.3	974.5	997.5	1017.9	1035.5	1049.4
60°	894.7	937.7	984.9	1029.8	1071.2	1109.0	1146.6	1179.2	1207.0	1230.1	1248.8
57.5°	1022.4	1078.1	1133.1	1189.0	1241.9	1291.3	1337.5	1378.3	1412.8	1441.1	1464.8
55°	1160.4	1230.0	1293.9	1364.4	1432.5	1494.5	1549.0	1597.0	1638.5	1673.3	1702.8
52.5°	1312.0	1396.6	1479.6	1559.8	1637.1	1709.0	1774.3	1830.2	1880.0	1922.6	1956.6
50°	1478.0	1574.7	1670.9	1760.1	1849.0	1931.9	2006.8	2071.6	2129.4	2179.5	2218.9
47.5°	1651.5	1761.6	1869.1	1971.2	2069.5	2161.6	2242.7	2316.6	2388.8	2447.6	2494.0
45°	1831.7	1955.3	2073.8	2190.6	2298.8	2402.1	2502.1	2594.2	2668.1	2732.9	2787.3
42.5°	2014.1	2151.9	2284.6	2412.0	2531.1	2650.5	2763.1	2863.7	2948.0	3021.7	3083.5
40°	2198.9	2349.7	2496.0	2634.9	2771.0	2901.2	3022.9	3129.0	3224.2	3311.7	3384.5
37.5°	2382.7	2548.7	2710.7	2866.3	3016.2	3157.2	3288.8	3408.7	3516.0	3615.7	3696.6
35°	2567.4	2749.5	2926.9	3098.1	3261.7	3417.4	3561.4	3697.8	3824.4	3925.3	4008.1
32.5°	2751.3	2947.1	3140.1	3328.6	3507.8	3675.6	3831.7	3982.4	4112.6	4223.5	4318.7
30°	2929.3	3141.4	3351.6	3556.0	3749.5	3931.3	4104.1	4263.5	4403.6	4524.9	4631.6
27.5°	3104.0	3331.8	3557.3	3775.7	3984.9	4182.5	4371.1	4543.9	4696.7	4828.6	4941.2
25°	3269.1	3513.9	3754.3	3985.8	4209.3	4427.2	4630.9	4819.5	4982.7	5127.5	5243.2
22.5°	3426.8	3687.9	3940.5	4184.0	4423.1	4658.0	4880.9	5077.9	5250.9	5402.3	5530.3
20°	3573.7	3853.6	4112.0	4369.5	4621.4	4872.2	5111.5	5319.4	5502.4	5663.5	5804.6
17.5°	3711.0	3998.1	4270.2	4544.4	4809.9	5073.0	5316.1	5538.9	5736.4	5907.4	6055.3
15°	3827.3	4117.2	4414.3	4707.1	4987.0	5253.5	5496.5	5729.1	5948.4	6133.4	6283.3
12.5°	3921.5	4223.0	4532.9	4843.7	5139.8	5405.9	5660.3	5896.3	6126.5	6334.3	6472.1
10°	4001.7	4312.2	4632.2	4949.1	5249.1	5530.7	5807.2	6056.7	6283.1	6469.1	6623.0
7.5°	4071.1	4390.9	4715.9	5033.4	5332.3	5623.3	5908.0	6173.0	6401.4	6576.8	6714.0
5°	4122.2	4449.6	4780.9	5101.4	5404.5	5696.4	5982.4	6244.0	6467.0	6645.5	6795.1
2.5°	4158.8	4489.3	4823.0	5143.9	5453.7	5746.3	6039.5	6304.1	6520.0	6683.5	6826.8
0°	4182.3	4513.2	4849.5	5177.8	5482.1	5765.0	6079.9	6328.2	6552.4	6715.2	6864.6
-2.5°	4158.8	4489.3	4823.0	5143.9	5453.7	5746.3	6039.5	6304.1	6520.0	6683.5	6826.8
-5°	4122.2	4449.6	4780.9	5101.4	5404.5	5696.4	5982.4	6244.0	6467.0	6645.5	6795.1
-7.5°	4071.1	4390.9	4715.9	5033.4	5332.3	5623.3	5908.0	6173.0	6401.4	6576.8	6714.0
-10°	4001.7	4312.2	4632.2	4949.1	5249.1	5530.7	5807.2	6056.7	6283.1	6469.1	6623.0
-12.5°	3921.5	4223.0	4532.9	4843.7	5139.8	5405.9	5660.3	5896.3	6126.5	6334.3	6472.1
-15°	3827.3	4117.2	4414.3	4707.1	4987.0	5253.5	5496.5	5729.1	5948.4	6133.4	6283.3
-17.5°	3711.0	3998.1	4270.2	4544.4	4809.9	5073.0	5316.1	5538.9	5736.4	5907.4	6055.3
-20°	3573.7	3853.6	4112.0	4369.5	4621.4	4872.2	5111.5	5319.4	5502.4	5663.5	5804.6



REPORT NUMBER: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3426.8	3687.9	3940.5	4184.0	4423.1	4658.0	4880.9	5077.9	5250.9	5402.3	5530.3
-25°	3269.1	3513.9	3754.3	3985.8	4209.3	4427.2	4630.9	4819.5	4982.7	5127.5	5243.2
-27.5°	3104.0	3331.8	3557.3	3775.7	3984.9	4182.5	4371.1	4543.9	4696.7	4828.6	4941.2
-30°	2929.3	3141.4	3351.6	3556.0	3749.5	3931.3	4104.1	4263.5	4403.6	4524.9	4631.6
-32.5°	2751.3	2947.1	3140.1	3328.6	3507.8	3675.6	3831.7	3982.4	4112.6	4223.5	4318.7
-35°	2567.4	2749.5	2926.9	3098.1	3261.7	3417.4	3561.4	3697.8	3824.4	3925.3	4008.1
-37.5°	2382.7	2548.7	2710.7	2866.3	3016.2	3157.2	3288.8	3408.7	3516.0	3615.7	3696.6
-40°	2198.9	2349.7	2496.0	2634.9	2771.0	2901.2	3022.9	3129.0	3224.2	3311.7	3384.5
-42.5°	2014.1	2151.9	2284.6	2412.0	2531.1	2650.5	2763.1	2863.7	2948.0	3021.7	3083.5
-45°	1831.7	1955.3	2073.8	2190.6	2298.8	2402.1	2502.1	2594.2	2668.1	2732.9	2787.3
-47.5°	1651.5	1761.6	1869.1	1971.2	2069.5	2161.6	2242.7	2316.6	2388.8	2447.6	2494.0
-50°	1478.0	1574.7	1670.9	1760.1	1849.0	1931.9	2006.8	2071.6	2129.4	2179.5	2218.9
-52.5°	1312.0	1396.6	1479.6	1559.8	1637.1	1709.0	1774.3	1830.2	1880.0	1922.6	1956.6
-55°	1160.4	1230.0	1293.9	1364.4	1432.5	1494.5	1549.0	1597.0	1638.5	1673.3	1702.8
-57.5°	1022.4	1078.1	1133.1	1189.0	1241.9	1291.3	1337.5	1378.3	1412.8	1441.1	1464.8
-60°	894.7	937.7	984.9	1029.8	1071.2	1109.0	1146.6	1179.2	1207.0	1230.1	1248.8
-62.5°	775.9	813.7	848.9	883.0	916.4	949.3	974.5	997.5	1017.9	1035.5	1049.4
-65°	661.7	692.5	719.9	745.0	768.0	792.3	812.1	828.8	842.1	853.2	862.1
-67.5°	552.9	577.1	598.1	616.1	633.9	650.6	664.3	675.5	684.2	691.5	697.2
-70°	456.4	474.4	489.5	504.0	518.7	530.5	539.5	545.9	550.1	552.7	554.6
-72.5°	370.7	387.4	401.2	414.0	424.8	432.7	438.4	442.7	445.6	442.7	437.5
-75°	291.7	307.9	323.4	336.6	347.6	352.7	355.2	356.9	357.9	348.4	335.8
-77.5°	223.6	240.1	254.5	267.7	279.7	282.0	281.7	281.1	280.1	266.8	250.6
-80°	157.2	170.3	182.6	194.8	206.9	208.3	206.9	204.3	200.8	187.8	173.0
-82.5°	96.3	104.0	111.4	118.7	125.9	127.8	128.3	128.0	127.0	117.0	106.0
-85°	44.6	47.8	50.7	53.5	56.2	58.7	61.1	63.3	65.4	59.7	53.4
-87.5°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.2	10.3	9.8	9.2
-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: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-VWR-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°	8.6	8.0	8.0	8.0	8.0	8.0	8.6	9.2	9.8	10.3	10.2
85°	46.8	39.8	37.3	34.7	37.3	39.8	46.8	53.4	59.7	65.4	63.3
82.5°	94.5	82.4	78.6	74.7	78.6	82.4	94.5	106.0	117.0	127.0	128.0
80°	157.4	141.1	134.7	128.1	134.7	141.1	157.4	173.0	187.8	200.8	204.3
77.5°	233.6	215.7	208.0	200.2	208.0	215.7	233.6	250.6	266.8	280.1	281.1
75°	322.6	308.5	300.0	290.9	300.0	308.5	322.6	335.8	348.4	357.9	356.9
72.5°	431.6	424.8	418.6	411.0	418.6	424.8	431.6	437.5	442.7	445.6	442.7
70°	555.2	554.4	555.4	555.1	555.4	554.4	555.2	554.6	552.7	550.1	545.9
67.5°	700.1	700.3	703.3	704.6	703.3	700.3	700.1	697.2	691.5	684.2	675.5
65°	867.6	869.7	869.0	864.8	869.0	869.7	867.6	862.1	853.2	842.1	828.8
62.5°	1059.4	1065.1	1068.3	1067.6	1068.3	1065.1	1059.4	1049.4	1035.5	1017.9	997.5
60°	1262.7	1271.7	1276.2	1275.8	1276.2	1271.7	1262.7	1248.8	1230.1	1207.0	1179.2
57.5°	1482.5	1494.1	1496.8	1492.0	1496.8	1494.1	1482.5	1464.8	1441.1	1412.8	1378.3
55°	1725.0	1739.8	1745.5	1742.8	1745.5	1739.8	1725.0	1702.8	1673.3	1638.5	1597.0
52.5°	1981.5	1997.5	2003.2	1999.1	2003.2	1997.5	1981.5	1956.6	1922.6	1880.0	1830.2
50°	2247.8	2267.2	2275.0	2271.3	2275.0	2267.2	2247.8	2218.9	2179.5	2129.4	2071.6
47.5°	2530.5	2556.3	2566.4	2559.6	2566.4	2556.3	2530.5	2494.0	2447.6	2388.8	2316.6
45°	2828.0	2854.8	2865.2	2858.5	2865.2	2854.8	2828.0	2787.3	2732.9	2668.1	2594.2
42.5°	3130.8	3165.6	3180.3	3168.1	3180.3	3165.6	3130.8	3083.5	3021.7	2948.0	2863.7
40°	3438.9	3476.7	3494.1	3485.7	3494.1	3476.7	3438.9	3384.5	3311.7	3224.2	3129.0
37.5°	3755.0	3792.6	3811.1	3811.3	3811.1	3792.6	3755.0	3696.6	3615.7	3516.0	3408.7
35°	4072.3	4117.8	4143.5	4142.3	4143.5	4117.8	4072.3	4008.1	3925.3	3824.4	3697.8
32.5°	4393.9	4443.2	4469.5	4473.2	4469.5	4443.2	4393.9	4318.7	4223.5	4112.6	3982.4
30°	4715.0	4769.2	4799.7	4812.2	4799.7	4769.2	4715.0	4631.6	4524.9	4403.6	4263.5
27.5°	5026.5	5093.1	5139.1	5143.1	5139.1	5093.1	5026.5	4941.2	4828.6	4696.7	4543.9
25°	5328.1	5396.0	5443.2	5452.7	5443.2	5396.0	5328.1	5243.2	5127.5	4982.7	4819.5
22.5°	5625.4	5696.3	5739.8	5757.0	5739.8	5696.3	5625.4	5530.3	5402.3	5250.9	5077.9
20°	5909.1	5986.0	6032.2	6050.6	6032.2	5986.0	5909.1	5804.6	5663.5	5502.4	5319.4
17.5°	6165.9	6247.1	6304.1	6320.1	6304.1	6247.1	6165.9	6055.3	5907.4	5736.4	5538.9
15°	6391.8	6468.9	6522.9	6544.3	6522.9	6468.9	6391.8	6283.3	6133.4	5948.4	5729.1
12.5°	6575.7	6644.6	6687.0	6707.2	6687.0	6644.6	6575.7	6472.1	6334.3	6126.5	5896.3
10°	6719.4	6788.5	6829.0	6856.6	6829.0	6788.5	6719.4	6623.0	6469.1	6283.1	6056.7
7.5°	6844.1	6914.9	6964.5	7003.4	6964.5	6914.9	6844.1	6714.0	6576.8	6401.4	6173.0
5°	6912.9	7031.2	7049.0	7075.5	7049.0	7031.2	6912.9	6795.1	6645.5	6467.0	6244.0
2.5°	6965.5	7049.3	7099.7	7094.2	7099.7	7049.3	6965.5	6826.8	6683.5	6520.0	6304.1
0°	7003.4	7078.1	7096.8	7120.8	7096.8	7078.1	7003.4	6864.6	6715.2	6552.4	6328.2
-2.5°	6965.5	7049.3	7099.7	7094.2	7099.7	7049.3	6965.5	6826.8	6683.5	6520.0	6304.1
-5°	6912.9	7031.2	7049.0	7075.5	7049.0	7031.2	6912.9	6795.1	6645.5	6467.0	6244.0
-7.5°	6844.1	6914.9	6964.5	7003.4	6964.5	6914.9	6844.1	6714.0	6576.8	6401.4	6173.0
-10°	6719.4	6788.5	6829.0	6856.6	6829.0	6788.5	6719.4	6623.0	6469.1	6283.1	6056.7
-12.5°	6575.7	6644.6	6687.0	6707.2	6687.0	6644.6	6575.7	6472.1	6334.3	6126.5	5896.3
-15°	6391.8	6468.9	6522.9	6544.3	6522.9	6468.9	6391.8	6283.3	6133.4	5948.4	5729.1
-17.5°	6165.9	6247.1	6304.1	6320.1	6304.1	6247.1	6165.9	6055.3	5907.4	5736.4	5538.9
-20°	5909.1	5986.0	6032.2	6050.6	6032.2	5986.0	5909.1	5804.6	5663.5	5502.4	5319.4



REPORT NUMBER: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5625.4	5696.3	5739.8	5757.0	5739.8	5696.3	5625.4	5530.3	5402.3	5250.9	5077.9
-25°	5328.1	5396.0	5443.2	5452.7	5443.2	5396.0	5328.1	5243.2	5127.5	4982.7	4819.5
-27.5°	5026.5	5093.1	5139.1	5143.1	5139.1	5093.1	5026.5	4941.2	4828.6	4696.7	4543.9
-30°	4715.0	4769.2	4799.7	4812.2	4799.7	4769.2	4715.0	4631.6	4524.9	4403.6	4263.5
-32.5°	4393.9	4443.2	4469.5	4473.2	4469.5	4443.2	4393.9	4318.7	4223.5	4112.6	3982.4
-35°	4072.3	4117.8	4143.5	4142.3	4143.5	4117.8	4072.3	4008.1	3925.3	3824.4	3697.8
-37.5°	3755.0	3792.6	3811.1	3811.3	3811.1	3792.6	3755.0	3696.6	3615.7	3516.0	3408.7
-40°	3438.9	3476.7	3494.1	3485.7	3494.1	3476.7	3438.9	3384.5	3311.7	3224.2	3129.0
-42.5°	3130.8	3165.6	3180.3	3168.1	3180.3	3165.6	3130.8	3083.5	3021.7	2948.0	2863.7
-45°	2828.0	2854.8	2865.2	2858.5	2865.2	2854.8	2828.0	2787.3	2732.9	2668.1	2594.2
-47.5°	2530.5	2556.3	2566.4	2559.6	2566.4	2556.3	2530.5	2494.0	2447.6	2388.8	2316.6
-50°	2247.8	2267.2	2275.0	2271.3	2275.0	2267.2	2247.8	2218.9	2179.5	2129.4	2071.6
-52.5°	1981.5	1997.5	2003.2	1999.1	2003.2	1997.5	1981.5	1956.6	1922.6	1880.0	1830.2
-55°	1725.0	1739.8	1745.5	1742.8	1745.5	1739.8	1725.0	1702.8	1673.3	1638.5	1597.0
-57.5°	1482.5	1494.1	1496.8	1492.0	1496.8	1494.1	1482.5	1464.8	1441.1	1412.8	1378.3
-60°	1262.7	1271.7	1276.2	1275.8	1276.2	1271.7	1262.7	1248.8	1230.1	1207.0	1179.2
-62.5°	1059.4	1065.1	1068.3	1067.6	1068.3	1065.1	1059.4	1049.4	1035.5	1017.9	997.5
-65°	867.6	869.7	869.0	864.8	869.0	869.7	867.6	862.1	853.2	842.1	828.8
-67.5°	700.1	700.3	703.3	704.6	703.3	700.3	700.1	697.2	691.5	684.2	675.5
-70°	555.2	554.4	555.4	555.1	555.4	554.4	555.2	554.6	552.7	550.1	545.9
-72.5°	431.6	424.8	418.6	411.0	418.6	424.8	431.6	437.5	442.7	445.6	442.7
-75°	322.6	308.5	300.0	290.9	300.0	308.5	322.6	335.8	348.4	357.9	356.9
-77.5°	233.6	215.7	208.0	200.2	208.0	215.7	233.6	250.6	266.8	280.1	281.1
-80°	157.4	141.1	134.7	128.1	134.7	141.1	157.4	173.0	187.8	200.8	204.3
-82.5°	94.5	82.4	78.6	74.7	78.6	82.4	94.5	106.0	117.0	127.0	128.0
-85°	46.8	39.8	37.3	34.7	37.3	39.8	46.8	53.4	59.7	65.4	63.3
-87.5°	8.6	8.0	8.0	8.0	8.0	8.0	8.6	9.2	9.8	10.3	10.2
-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: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-VWR-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°	10.1	9.9	9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6
85°	61.1	58.7	56.2	53.5	50.7	47.8	44.6	39.1	34.0	29.3	25.2
82.5°	128.3	127.8	125.9	118.7	111.4	104.0	96.3	84.8	73.5	62.5	52.9
80°	206.9	208.3	206.9	194.8	182.6	170.3	157.2	140.3	123.3	107.2	95.0
77.5°	281.7	282.0	279.7	267.7	254.5	240.1	223.6	203.4	183.1	162.7	147.0
75°	355.2	352.7	347.6	336.6	323.4	307.9	291.7	274.0	253.2	229.3	208.9
72.5°	438.4	432.7	424.8	414.0	401.2	387.4	370.7	351.0	329.3	305.5	283.9
70°	539.5	530.5	518.7	504.0	489.5	474.4	456.4	434.8	409.5	383.2	359.1
67.5°	664.3	650.6	633.9	616.1	598.1	577.1	552.9	526.6	500.4	471.2	438.2
65°	812.1	792.3	768.0	745.0	719.9	692.5	661.7	631.1	599.1	564.0	522.2
62.5°	974.5	949.3	916.4	883.0	848.9	813.7	775.9	738.4	700.2	658.9	611.8
60°	1146.6	1109.0	1071.2	1029.8	984.9	937.7	894.7	849.0	800.8	754.0	702.3
57.5°	1337.5	1291.3	1241.9	1189.0	1133.1	1078.1	1022.4	964.9	910.3	853.3	794.8
55°	1549.0	1494.5	1432.5	1364.4	1293.9	1230.0	1160.4	1090.7	1024.9	955.7	891.2
52.5°	1774.3	1709.0	1637.1	1559.8	1479.6	1396.6	1312.0	1231.9	1146.3	1068.0	990.1
50°	2006.8	1931.9	1849.0	1760.1	1670.9	1574.7	1478.0	1381.7	1284.7	1188.6	1095.3
47.5°	2242.7	2161.6	2069.5	1971.2	1869.1	1761.6	1651.5	1535.8	1428.4	1317.0	1211.0
45°	2502.1	2402.1	2298.8	2190.6	2073.8	1955.3	1831.7	1705.0	1575.9	1453.3	1329.1
42.5°	2763.1	2650.5	2531.1	2412.0	2284.6	2151.9	2014.1	1874.5	1732.6	1591.2	1455.4
40°	3022.9	2901.2	2771.0	2634.9	2496.0	2349.7	2198.9	2043.5	1889.4	1734.1	1580.4
37.5°	3288.8	3157.2	3016.2	2866.3	2710.7	2548.7	2382.7	2214.5	2044.5	1877.4	1710.7
35°	3561.4	3417.4	3261.7	3098.1	2926.9	2749.5	2567.4	2383.2	2200.3	2019.5	1839.0
32.5°	3831.7	3675.6	3507.8	3328.6	3140.1	2947.1	2751.3	2552.4	2352.3	2159.2	1966.9
30°	4104.1	3931.3	3749.5	3556.0	3351.6	3141.4	2929.3	2718.6	2505.4	2292.8	2089.4
27.5°	4371.1	4182.5	3984.9	3775.7	3557.3	3331.8	3104.0	2879.1	2651.6	2425.7	2206.3
25°	4630.9	4427.2	4209.3	3985.8	3754.3	3513.9	3269.1	3031.1	2793.6	2551.8	2311.2
22.5°	4880.9	4658.0	4423.1	4184.0	3940.5	3687.9	3426.8	3170.4	2924.6	2664.9	2413.5
20°	5111.5	4872.2	4621.4	4369.5	4112.0	3853.6	3573.7	3301.0	3036.6	2770.0	2506.3
17.5°	5316.1	5073.0	4809.9	4544.4	4270.2	3998.1	3711.0	3419.8	3139.7	2863.4	2587.9
15°	5496.5	5253.5	4987.0	4707.1	4414.3	4117.2	3827.3	3524.8	3233.6	2945.9	2663.3
12.5°	5660.3	5405.9	5139.8	4843.7	4532.9	4223.0	3921.5	3616.8	3317.2	3021.4	2731.2
10°	5807.2	5530.7	5249.1	4949.1	4632.2	4312.2	4001.7	3694.2	3388.2	3086.0	2787.1
7.5°	5908.0	5623.3	5332.3	5033.4	4715.9	4390.9	4071.1	3756.4	3443.7	3137.5	2830.8
5°	5982.4	5696.4	5404.5	5101.4	4780.9	4449.6	4122.2	3801.5	3483.1	3175.2	2861.8
2.5°	6039.5	5746.3	5453.7	5143.9	4823.0	4489.3	4158.8	3835.4	3514.4	3202.8	2889.4
0°	6079.9	5765.0	5482.1	5177.8	4849.5	4513.2	4182.3	3856.7	3533.7	3216.1	2903.9
-2.5°	6039.5	5746.3	5453.7	5143.9	4823.0	4489.3	4158.8	3835.4	3514.4	3202.8	2889.4
-5°	5982.4	5696.4	5404.5	5101.4	4780.9	4449.6	4122.2	3801.5	3483.1	3175.2	2861.8
-7.5°	5908.0	5623.3	5332.3	5033.4	4715.9	4390.9	4071.1	3756.4	3443.7	3137.5	2830.8
-10°	5807.2	5530.7	5249.1	4949.1	4632.2	4312.2	4001.7	3694.2	3388.2	3086.0	2787.1
-12.5°	5660.3	5405.9	5139.8	4843.7	4532.9	4223.0	3921.5	3616.8	3317.2	3021.4	2731.2
-15°	5496.5	5253.5	4987.0	4707.1	4414.3	4117.2	3827.3	3524.8	3233.6	2945.9	2663.3
-17.5°	5316.1	5073.0	4809.9	4544.4	4270.2	3998.1	3711.0	3419.8	3139.7	2863.4	2587.9
-20°	5111.5	4872.2	4621.4	4369.5	4112.0	3853.6	3573.7	3301.0	3036.6	2770.0	2506.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4880.9	4658.0	4423.1	4184.0	3940.5	3687.9	3426.8	3170.4	2924.6	2664.9	2413.5
-25°	4630.9	4427.2	4209.3	3985.8	3754.3	3513.9	3269.1	3031.1	2793.6	2551.8	2311.2
-27.5°	4371.1	4182.5	3984.9	3775.7	3557.3	3331.8	3104.0	2879.1	2651.6	2425.7	2206.3
-30°	4104.1	3931.3	3749.5	3556.0	3351.6	3141.4	2929.3	2718.6	2505.4	2292.8	2089.4
-32.5°	3831.7	3675.6	3507.8	3328.6	3140.1	2947.1	2751.3	2552.4	2352.3	2159.2	1966.9
-35°	3561.4	3417.4	3261.7	3098.1	2926.9	2749.5	2567.4	2383.2	2200.3	2019.5	1839.0
-37.5°	3288.8	3157.2	3016.2	2866.3	2710.7	2548.7	2382.7	2214.5	2044.5	1877.4	1710.7
-40°	3022.9	2901.2	2771.0	2634.9	2496.0	2349.7	2198.9	2043.5	1889.4	1734.1	1580.4
-42.5°	2763.1	2650.5	2531.1	2412.0	2284.6	2151.9	2014.1	1874.5	1732.6	1591.2	1455.4
-45°	2502.1	2402.1	2298.8	2190.6	2073.8	1955.3	1831.7	1705.0	1575.9	1453.3	1329.1
-47.5°	2242.7	2161.6	2069.5	1971.2	1869.1	1761.6	1651.5	1535.8	1428.4	1317.0	1211.0
-50°	2006.8	1931.9	1849.0	1760.1	1670.9	1574.7	1478.0	1381.7	1284.7	1188.6	1095.3
-52.5°	1774.3	1709.0	1637.1	1559.8	1479.6	1396.6	1312.0	1231.9	1146.3	1068.0	990.1
-55°	1549.0	1494.5	1432.5	1364.4	1293.9	1230.0	1160.4	1090.7	1024.9	955.7	891.2
-57.5°	1337.5	1291.3	1241.9	1189.0	1133.1	1078.1	1022.4	964.9	910.3	853.3	794.8
-60°	1146.6	1109.0	1071.2	1029.8	984.9	937.7	894.7	849.0	800.8	754.0	702.3
-62.5°	974.5	949.3	916.4	883.0	848.9	813.7	775.9	738.4	700.2	658.9	611.8
-65°	812.1	792.3	768.0	745.0	719.9	692.5	661.7	631.1	599.1	564.0	522.2
-67.5°	664.3	650.6	633.9	616.1	598.1	577.1	552.9	526.6	500.4	471.2	438.2
-70°	539.5	530.5	518.7	504.0	489.5	474.4	456.4	434.8	409.5	383.2	359.1
-72.5°	438.4	432.7	424.8	414.0	401.2	387.4	370.7	351.0	329.3	305.5	283.9
-75°	355.2	352.7	347.6	336.6	323.4	307.9	291.7	274.0	253.2	229.3	208.9
-77.5°	281.7	282.0	279.7	267.7	254.5	240.1	223.6	203.4	183.1	162.7	147.0
-80°	206.9	208.3	206.9	194.8	182.6	170.3	157.2	140.3	123.3	107.2	95.0
-82.5°	128.3	127.8	125.9	118.7	111.4	104.0	96.3	84.8	73.5	62.5	52.9
-85°	61.1	58.7	56.2	53.5	50.7	47.8	44.6	39.1	34.0	29.3	25.2
-87.5°	10.1	9.9	9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6
-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: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-VWR-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°	7.7	7.7	7.7	7.6	6.8	6.0	5.2	4.5	4.1	3.7	3.2
85°	25.2	24.6	23.3	21.1	16.6	12.0	10.4	9.0	8.2	7.3	6.4
82.5°	52.7	53.2	53.2	51.6	45.5	39.1	32.5	25.5	18.9	12.0	9.6
80°	95.2	94.1	91.9	87.5	77.6	66.3	57.8	49.0	40.4	31.5	22.2
77.5°	143.9	139.8	134.8	129.0	118.5	106.0	91.7	75.5	61.9	50.8	39.3
75°	198.3	191.8	184.7	175.2	161.6	146.1	130.4	111.5	90.5	70.8	56.4
72.5°	266.6	250.7	236.6	223.3	208.5	191.2	171.1	146.8	121.3	97.3	74.7
70°	335.7	312.0	290.8	272.6	254.9	236.7	214.7	184.7	151.6	123.3	96.7
67.5°	405.9	377.9	349.5	322.3	299.9	278.5	257.3	222.5	184.5	148.7	118.2
65°	483.5	446.0	409.9	376.4	346.0	319.2	294.3	257.8	216.4	176.1	139.1
62.5°	563.3	515.5	472.8	430.0	392.1	359.6	329.6	289.3	246.9	202.7	160.9
60°	647.2	592.8	536.0	486.0	439.6	398.5	362.2	320.4	275.4	228.2	182.6
57.5°	735.6	671.5	607.8	544.6	488.9	439.5	393.9	349.9	303.4	253.4	202.8
55°	825.1	756.2	680.8	609.5	541.1	482.4	427.4	378.3	330.5	278.2	220.3
52.5°	914.8	839.0	758.1	675.8	599.2	525.7	464.3	405.9	355.4	302.3	238.4
50°	1008.6	921.7	835.0	746.1	657.0	576.4	499.8	437.5	379.6	325.3	255.6
47.5°	1106.2	1009.4	912.9	815.8	720.3	625.0	541.4	468.5	402.9	346.1	271.6
45°	1213.2	1100.0	993.2	888.1	780.1	677.5	583.5	498.1	429.4	362.3	286.4
42.5°	1320.1	1195.6	1076.2	959.4	842.8	729.6	623.4	533.0	454.8	377.7	299.9
40°	1433.8	1291.5	1159.2	1032.4	904.0	779.3	667.6	567.1	478.5	393.8	312.8
37.5°	1544.3	1389.8	1244.4	1102.2	963.9	832.8	710.1	599.0	501.1	411.9	325.0
35°	1661.3	1488.6	1323.3	1172.4	1025.6	883.6	749.9	631.1	527.0	429.5	336.4
32.5°	1774.4	1585.2	1407.9	1241.6	1084.5	931.5	790.9	665.2	551.9	446.6	347.2
30°	1885.5	1682.2	1489.0	1307.1	1141.6	981.7	831.9	697.0	575.8	463.1	357.9
27.5°	1987.9	1772.0	1566.7	1374.8	1197.7	1029.3	870.6	726.5	598.4	480.1	370.4
25°	2083.3	1858.4	1643.3	1439.9	1249.8	1074.5	906.3	753.9	621.4	497.8	382.0
22.5°	2172.8	1938.7	1712.7	1499.9	1298.0	1115.9	941.1	782.9	643.2	514.1	392.7
20°	2254.2	2010.9	1774.9	1554.3	1344.9	1155.4	974.6	809.0	662.7	528.9	402.2
17.5°	2327.5	2076.9	1834.3	1605.1	1388.6	1190.5	1004.4	832.0	679.8	542.1	410.7
15°	2395.6	2137.0	1886.8	1649.5	1426.5	1221.0	1030.3	851.8	694.4	553.5	418.7
12.5°	2454.1	2188.5	1931.3	1687.2	1458.3	1246.9	1052.2	868.4	706.6	563.9	426.2
10°	2502.2	2231.1	1967.7	1718.1	1484.1	1267.9	1070.0	882.4	718.0	572.8	432.0
7.5°	2539.7	2264.4	1995.7	1741.9	1504.5	1285.5	1085.1	894.5	727.2	579.7	436.1
5°	2568.1	2290.4	2020.1	1761.8	1523.3	1299.7	1096.2	903.2	733.9	584.5	438.4
2.5°	2593.4	2309.9	2039.2	1774.7	1536.1	1309.0	1102.8	908.4	737.9	587.0	438.9
0°	2607.6	2319.3	2049.8	1780.2	1542.7	1313.1	1105.0	910.1	739.3	587.2	437.7
-2.5°	2593.4	2309.9	2039.2	1774.7	1536.1	1309.0	1102.8	908.4	737.9	587.0	438.9
-5°	2568.1	2290.4	2020.1	1761.8	1523.3	1299.7	1096.2	903.2	733.9	584.5	438.4
-7.5°	2539.7	2264.4	1995.7	1741.9	1504.5	1285.5	1085.1	894.5	727.2	579.7	436.1
-10°	2502.2	2231.1	1967.7	1718.1	1484.1	1267.9	1070.0	882.4	718.0	572.8	432.0
-12.5°	2454.1	2188.5	1931.3	1687.2	1458.3	1246.9	1052.2	868.4	706.6	563.9	426.2
-15°	2395.6	2137.0	1886.8	1649.5	1426.5	1221.0	1030.3	851.8	694.4	553.5	418.7
-17.5°	2327.5	2076.9	1834.3	1605.1	1388.6	1190.5	1004.4	832.0	679.8	542.1	410.7
-20°	2254.2	2010.9	1774.9	1554.3	1344.9	1155.4	974.6	809.0	662.7	528.9	402.2

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2172.8	1938.7	1712.7	1499.9	1298.0	1115.9	941.1	782.9	643.2	514.1	392.7
-25°	2083.3	1858.4	1643.3	1439.9	1249.8	1074.5	906.3	753.9	621.4	497.8	382.0
-27.5°	1987.9	1772.0	1566.7	1374.8	1197.7	1029.3	870.6	726.5	598.4	480.1	370.4
-30°	1885.5	1682.2	1489.0	1307.1	1141.6	981.7	831.9	697.0	575.8	463.1	357.9
-32.5°	1774.4	1585.2	1407.9	1241.6	1084.5	931.5	790.9	665.2	551.9	446.6	347.2
-35°	1661.3	1488.6	1323.3	1172.4	1025.6	883.6	749.9	631.1	527.0	429.5	336.4
-37.5°	1544.3	1389.8	1244.4	1102.2	963.9	832.8	710.1	599.0	501.1	411.9	325.0
-40°	1433.8	1291.5	1159.2	1032.4	904.0	779.3	667.6	567.1	478.5	393.8	312.8
-42.5°	1320.1	1195.6	1076.2	959.4	842.8	729.6	623.4	533.0	454.8	377.7	299.9
-45°	1213.2	1100.0	993.2	888.1	780.1	677.5	583.5	498.1	429.4	362.3	286.4
-47.5°	1106.2	1009.4	912.9	815.8	720.3	625.0	541.4	468.5	402.9	346.1	271.6
-50°	1008.6	921.7	835.0	746.1	657.0	576.4	499.8	437.5	379.6	325.3	255.6
-52.5°	914.8	839.0	758.1	675.8	599.2	525.7	464.3	405.9	355.4	302.3	238.4
-55°	825.1	756.2	680.8	609.5	541.1	482.4	427.4	378.3	330.5	278.2	220.3
-57.5°	735.6	671.5	607.8	544.6	488.9	439.5	393.9	349.9	303.4	253.4	202.8
-60°	647.2	592.8	536.0	486.0	439.6	398.5	362.2	320.4	275.4	228.2	182.6
-62.5°	563.3	515.5	472.8	430.0	392.1	359.6	329.6	289.3	246.9	202.7	160.9
-65°	483.5	446.0	409.9	376.4	346.0	319.2	294.3	257.8	216.4	176.1	139.1
-67.5°	405.9	377.9	349.5	322.3	299.9	278.5	257.3	222.5	184.5	148.7	118.2
-70°	335.7	312.0	290.8	272.6	254.9	236.7	214.7	184.7	151.6	123.3	96.7
-72.5°	266.6	250.7	236.6	223.3	208.5	191.2	171.1	146.8	121.3	97.3	74.7
-75°	198.3	191.8	184.7	175.2	161.6	146.1	130.4	111.5	90.5	70.8	56.4
-77.5°	143.9	139.8	134.8	129.0	118.5	106.0	91.7	75.5	61.9	50.8	39.3
-80°	95.2	94.1	91.9	87.5	77.6	66.3	57.8	49.0	40.4	31.5	22.2
-82.5°	52.7	53.2	53.2	51.6	45.5	39.1	32.5	25.5	18.9	12.0	9.6
-85°	25.2	24.6	23.3	21.1	16.6	12.0	10.4	9.0	8.2	7.3	6.4
-87.5°	7.7	7.7	7.7	7.6	6.8	6.0	5.2	4.5	4.1	3.7	3.2
-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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REPORT NUMBER: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-VWR-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°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
85°	5.5	4.6	3.7	2.8	1.9	0.8	0.0
82.5°	8.3	6.9	5.6	4.2	2.8	1.2	0.0
80°	12.5	9.2	7.4	5.6	3.7	1.6	0.0
77.5°	27.1	14.4	9.2	6.9	4.6	2.0	0.0
75°	41.4	25.0	12.0	8.3	5.5	2.4	0.0
72.5°	55.3	35.2	19.1	9.6	6.4	2.8	0.0
70°	69.1	45.0	26.0	11.5	7.2	3.2	0.0
67.5°	85.7	54.5	32.6	15.8	8.0	3.5	0.0
65°	101.6	65.1	38.9	19.9	8.8	3.9	0.0
62.5°	116.7	76.7	44.9	23.8	9.6	4.2	0.0
60°	131.0	87.6	50.5	27.5	10.3	4.6	0.0
57.5°	146.0	97.9	58.0	30.9	12.4	4.9	0.0
55°	160.2	107.5	65.2	34.2	14.4	5.2	0.0
52.5°	173.3	116.6	71.8	37.1	16.4	5.5	0.0
50°	185.4	126.2	77.9	39.9	18.2	5.8	0.0
47.5°	196.7	135.1	83.5	42.7	20.0	6.1	0.0
45°	209.2	143.0	88.5	46.4	21.7	6.3	0.0
42.5°	220.7	150.1	93.0	49.8	23.3	6.6	0.0
40°	231.1	156.3	97.5	53.2	24.8	6.8	0.0
37.5°	240.5	161.6	101.9	56.6	26.2	7.0	0.0
35°	248.7	167.7	105.7	59.8	27.5	7.2	0.0
32.5°	256.3	173.8	108.9	62.7	28.7	7.4	0.0
30°	264.2	179.0	111.5	65.4	29.8	7.5	0.0
27.5°	271.4	183.3	115.3	67.8	30.8	7.6	0.0
25°	277.6	186.7	118.9	69.9	31.7	7.8	0.0
22.5°	283.0	190.1	122.0	71.9	32.5	7.9	0.0
20°	287.4	194.9	124.7	73.5	33.2	8.0	0.0
17.5°	293.0	198.7	127.0	74.9	33.7	8.0	0.0
15°	298.7	201.7	128.8	76.0	34.2	8.1	0.0
12.5°	303.4	203.9	130.3	76.9	34.6	8.1	0.0
10°	307.0	205.2	131.2	77.5	34.8	8.1	0.0
7.5°	309.4	205.8	131.8	77.9	34.9	8.1	0.0
5°	310.7	205.5	131.9	78.0	35.0	8.1	0.0
2.5°	310.8	204.5	131.5	77.8	34.9	8.1	0.0
0°	309.6	202.8	130.8	77.4	34.7	8.0	0.0
-2.5°	310.8	204.5	131.5	77.8	34.9	8.1	0.0
-5°	310.7	205.5	131.9	78.0	35.0	8.1	0.0
-7.5°	309.4	205.8	131.8	77.9	34.9	8.1	0.0
-10°	307.0	205.2	131.2	77.5	34.8	8.1	0.0
-12.5°	303.4	203.9	130.3	76.9	34.6	8.1	0.0
-15°	298.7	201.7	128.8	76.0	34.2	8.1	0.0
-17.5°	293.0	198.7	127.0	74.9	33.7	8.0	0.0
-20°	287.4	194.9	124.7	73.5	33.2	8.0	0.0

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REPORT NUMBER: P627131 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	283.0	190.1	122.0	71.9	32.5	7.9	0.0
-25°	277.6	186.7	118.9	69.9	31.7	7.8	0.0
-27.5°	271.4	183.3	115.3	67.8	30.8	7.6	0.0
-30°	264.2	179.0	111.5	65.4	29.8	7.5	0.0
-32.5°	256.3	173.8	108.9	62.7	28.7	7.4	0.0
-35°	248.7	167.7	105.7	59.8	27.5	7.2	0.0
-37.5°	240.5	161.6	101.9	56.6	26.2	7.0	0.0
-40°	231.1	156.3	97.5	53.2	24.8	6.8	0.0
-42.5°	220.7	150.1	93.0	49.8	23.3	6.6	0.0
-45°	209.2	143.0	88.5	46.4	21.7	6.3	0.0
-47.5°	196.7	135.1	83.5	42.7	20.0	6.1	0.0
-50°	185.4	126.2	77.9	39.9	18.2	5.8	0.0
-52.5°	173.3	116.6	71.8	37.1	16.4	5.5	0.0
-55°	160.2	107.5	65.2	34.2	14.4	5.2	0.0
-57.5°	146.0	97.9	58.0	30.9	12.4	4.9	0.0
-60°	131.0	87.6	50.5	27.5	10.3	4.6	0.0
-62.5°	116.7	76.7	44.9	23.8	9.6	4.2	0.0
-65°	101.6	65.1	38.9	19.9	8.8	3.9	0.0
-67.5°	85.7	54.5	32.6	15.8	8.0	3.5	0.0
-70°	69.1	45.0	26.0	11.5	7.2	3.2	0.0
-72.5°	55.3	35.2	19.1	9.6	6.4	2.8	0.0
-75°	41.4	25.0	12.0	8.3	5.5	2.4	0.0
-77.5°	27.1	14.4	9.2	6.9	4.6	2.0	0.0
-80°	12.5	9.2	7.4	5.6	3.7	1.6	0.0
-82.5°	8.3	6.9	5.6	4.2	2.8	1.2	0.0
-85°	5.5	4.6	3.7	2.8	1.9	0.8	0.0
-87.5°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)