

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: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-730-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627505 (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-SA4E-730-U-MR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N93  
Light Source: (64) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

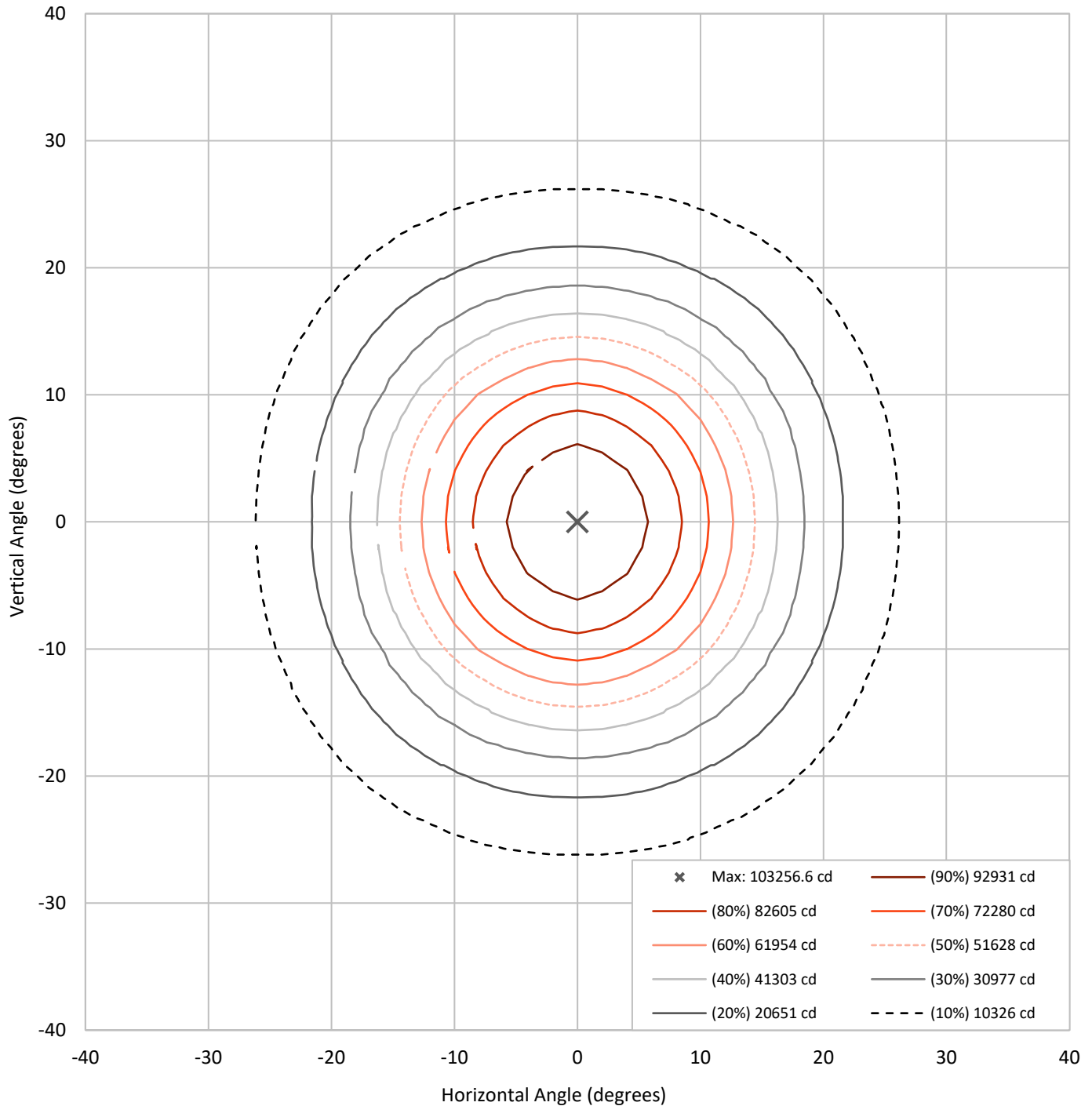
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	32260.9 lumens	Max Intensity:	103256.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	15684.8 lumens	Field Lumens:	26469.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	255.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





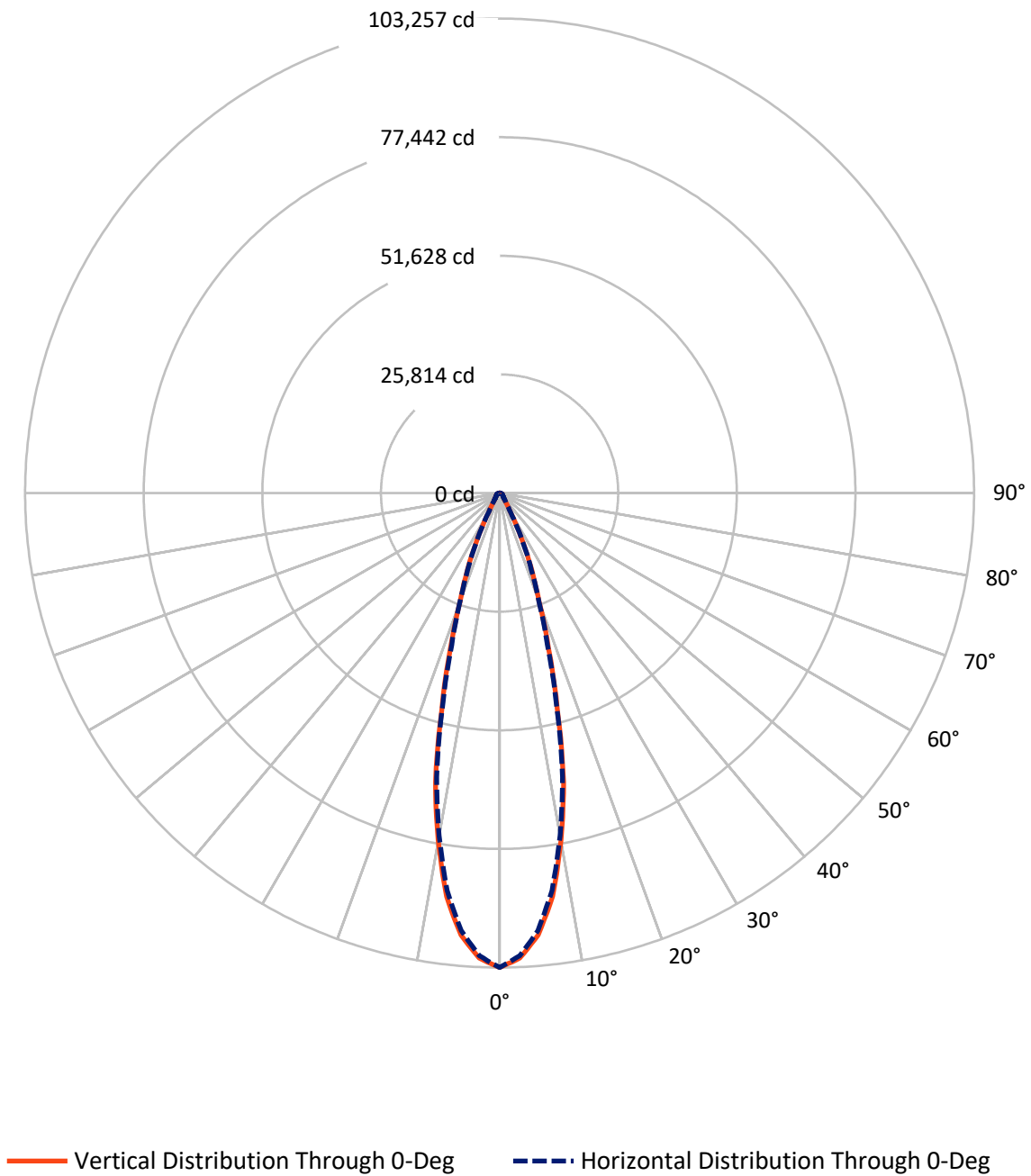
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### Lumen Table

90	0.6		5.3		14.0		22.1		24.6		22.1		14.0		5.3		0.6		
80	0.6		5.3		14.0		22.1		24.6		22.1		14.0		5.3		0.6		
70	2.4	2.8	5.6	9.1	12.8	15.6	17.4	18.3	18.3	17.4	15.6	12.8	9.1	5.6	2.8	2.4			
60		4.1	8.3	13.4	18.0	22.2	24.9	25.8	25.8	24.9	22.2	18.0	13.4	8.3	4.1				
50	4.3	5.3	10.7	16.6	22.1	27.9	32.8	35.3	35.3	32.8	27.9	22.1	16.6	10.7	5.3	4.3			
40		6.2	12.5	19.2	27.1	38.6	55.9	72.6	72.6	55.9	38.6	27.1	19.2	12.5	6.2				
30	5.5	7.0	13.7	21.6	34.7	75.4	212.4	376.6	376.6	212.4	75.4	34.7	21.6	13.7	7.0	5.5			
20		7.5	14.4	23.5	47.3	198.0	705.7	1352.3	1352.3	705.7	198.0	47.3	23.5	14.4	7.5				
10	5.9	7.8	14.7	24.7	60.0	341.8	1306.2	2569.3	2569.3	1306.2	341.8	60.0	24.7	14.7	7.8	5.9			
0		7.8	14.7	24.7	60.0	341.8	1306.2	2569.3	2569.3	1306.2	341.8	60.0	24.7	14.7	7.8				
-10	5.5	7.5	14.4	23.5	47.3	198.0	705.7	1352.3	1352.3	705.7	198.0	47.3	23.5	14.4	7.5	5.5			
-20		7.0	13.7	21.6	34.7	75.4	212.4	376.6	376.6	212.4	75.4	34.7	21.6	13.7	7.0				
-30	4.3	6.2	12.5	19.2	27.1	38.6	55.9	72.6	72.6	55.9	38.6	27.1	19.2	12.5	6.2	4.3			
-40		5.3	10.7	16.6	22.1	27.9	32.8	35.3	35.3	32.8	27.9	22.1	16.6	10.7	5.3				
-50	2.4	4.1	8.3	13.4	18.0	22.2	24.9	25.8	25.8	24.9	22.2	18.0	13.4	8.3	4.1	2.4			
-60		2.8	5.6	9.1	12.8	15.6	17.4	18.3	18.3	17.4	15.6	12.8	9.1	5.6	2.8				
-70	0.6		5.3		14.0		22.1		24.6		22.1		14.0		5.3		0.6		
-80	0.6		5.3		14.0		22.1		24.6		22.1		14.0		5.3		0.6		
-90	0.6		5.3		14.0		22.1		24.6		22.1		14.0		5.3		0.6		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

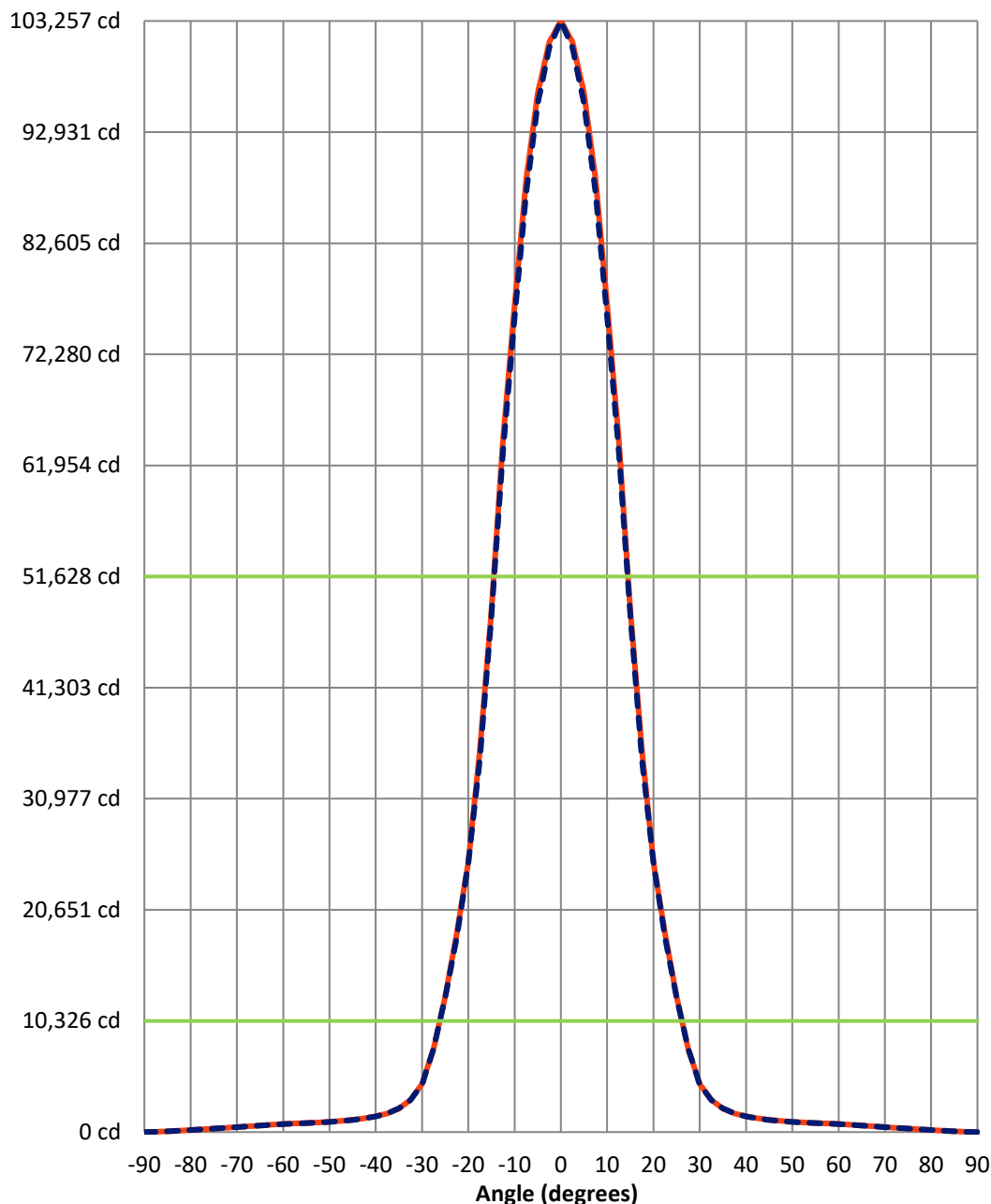
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 15684.8  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 26469.6  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 5791.3  
 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	1.2	2.3	3.5	4.6	5.7	6.9	8.0	9.1	10.1	11.2
85°	0.0	2.3	4.6	6.9	9.2	11.5	13.7	15.9	18.1	20.3	22.4
82.5°	0.0	3.5	6.9	10.3	13.8	17.2	20.5	23.8	27.7	33.9	40.5
80°	0.0	4.6	9.2	13.8	18.3	22.8	27.9	35.9	44.4	53.3	62.6
77.5°	0.0	5.7	11.5	17.2	22.8	29.9	39.7	50.0	61.0	72.5	85.1
75°	0.0	6.9	13.7	20.5	27.9	39.7	51.4	64.0	77.7	93.7	109.6
72.5°	0.0	8.0	15.9	23.8	35.7	49.4	62.9	78.5	97.2	115.6	133.8
70°	0.0	9.1	18.1	27.6	43.3	58.9	74.8	95.5	116.5	137.3	159.8
67.5°	0.0	10.1	20.3	33.2	50.8	68.3	89.2	112.1	135.5	160.9	186.0
65°	0.0	11.2	22.4	38.8	58.2	78.8	103.5	128.5	156.2	184.2	212.4
62.5°	0.0	12.2	24.4	44.2	65.5	90.5	117.4	145.8	176.5	207.2	239.5
60°	0.0	13.2	26.5	49.6	72.5	101.9	131.1	163.2	196.4	230.6	265.9
57.5°	0.0	14.2	29.9	54.7	81.3	113.0	145.4	180.2	216.1	253.2	291.9
55°	0.0	15.2	33.3	59.8	90.0	123.8	159.3	196.7	235.3	275.3	317.5
52.5°	0.0	16.1	36.5	64.7	98.4	134.4	172.8	212.7	253.6	297.7	342.4
50°	0.0	17.0	39.7	69.4	106.5	145.1	185.7	228.2	271.7	319.3	365.4
47.5°	0.0	17.9	42.8	74.3	114.4	155.3	198.1	243.2	290.2	340.1	387.1
45°	0.0	18.7	45.7	80.0	121.9	165.0	210.4	257.6	308.1	358.6	407.7
42.5°	0.0	19.5	48.5	85.4	129.2	174.3	222.2	271.9	325.1	375.9	426.6
40°	0.0	20.3	51.2	90.5	136.1	183.0	233.4	285.8	340.6	392.2	444.5
37.5°	0.0	21.0	53.7	95.2	142.7	191.2	244.1	298.9	354.4	407.8	461.4
35°	0.0	21.7	56.1	99.7	148.9	199.3	254.1	311.1	367.4	422.5	477.3
32.5°	0.0	22.3	58.3	103.8	154.7	207.1	263.6	322.3	379.6	436.3	492.7
30°	0.0	22.9	60.4	107.5	160.0	214.4	272.6	332.5	390.9	449.1	507.1
27.5°	0.0	23.5	62.4	110.9	164.8	221.1	280.7	341.6	401.3	460.9	520.3
25°	0.0	24.0	64.2	114.0	169.3	227.2	288.2	349.8	410.8	471.6	532.4
22.5°	0.0	24.5	65.8	116.7	173.4	232.8	294.8	357.2	419.3	481.3	544.5
20°	0.0	24.9	67.3	119.1	177.2	237.6	300.6	363.8	426.9	489.9	555.2
17.5°	0.0	25.3	68.6	121.1	180.6	241.7	305.8	369.5	433.4	497.4	564.6
15°	0.0	25.6	69.7	122.8	183.6	245.2	310.7	374.7	439.0	503.7	572.6
12.5°	0.0	25.9	70.7	124.1	186.1	247.9	314.8	379.7	444.2	508.9	579.1
10°	0.0	26.1	71.5	125.1	188.3	250.0	318.3	383.7	448.9	515.1	585.2
7.5°	0.0	26.3	72.1	125.8	190.0	251.4	321.1	386.9	452.6	520.5	591.8
5°	0.0	26.4	72.5	126.2	191.2	252.2	323.1	389.2	455.2	524.9	597.1
2.5°	0.0	26.5	72.8	126.2	191.9	252.3	324.4	390.5	456.8	528.2	600.8
0°	0.0	26.5	72.9	125.9	192.2	251.9	324.8	391.0	457.3	530.2	603.1
-2.5°	0.0	26.5	72.8	126.2	191.9	252.3	324.4	390.5	456.8	528.2	600.8
-5°	0.0	26.4	72.5	126.2	191.2	252.2	323.1	389.2	455.2	524.9	597.1
-7.5°	0.0	26.3	72.1	125.8	190.0	251.4	321.1	386.9	452.6	520.5	591.8
-10°	0.0	26.1	71.5	125.1	188.3	250.0	318.3	383.7	448.9	515.1	585.2
-12.5°	0.0	25.9	70.7	124.1	186.1	247.9	314.8	379.7	444.2	508.9	579.1
-15°	0.0	25.6	69.7	122.8	183.6	245.2	310.7	374.7	439.0	503.7	572.6
-17.5°	0.0	25.3	68.6	121.1	180.6	241.7	305.8	369.5	433.4	497.4	564.6
-20°	0.0	24.9	67.3	119.1	177.2	237.6	300.6	363.8	426.9	489.9	555.2

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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	24.5	65.8	116.7	173.4	232.8	294.8	357.2	419.3	481.3	544.5
-25°	0.0	24.0	64.2	114.0	169.3	227.2	288.2	349.8	410.8	471.6	532.4
-27.5°	0.0	23.5	62.4	110.9	164.8	221.1	280.7	341.6	401.3	460.9	520.3
-30°	0.0	22.9	60.4	107.5	160.0	214.4	272.6	332.5	390.9	449.1	507.1
-32.5°	0.0	22.3	58.3	103.8	154.7	207.1	263.6	322.3	379.6	436.3	492.7
-35°	0.0	21.7	56.1	99.7	148.9	199.3	254.1	311.1	367.4	422.5	477.3
-37.5°	0.0	21.0	53.7	95.2	142.7	191.2	244.1	298.9	354.4	407.8	461.4
-40°	0.0	20.3	51.2	90.5	136.1	183.0	233.4	285.8	340.6	392.2	444.5
-42.5°	0.0	19.5	48.5	85.4	129.2	174.3	222.2	271.9	325.1	375.9	426.6
-45°	0.0	18.7	45.7	80.0	121.9	165.0	210.4	257.6	308.1	358.6	407.7
-47.5°	0.0	17.9	42.8	74.3	114.4	155.3	198.1	243.2	290.2	340.1	387.1
-50°	0.0	17.0	39.7	69.4	106.5	145.1	185.7	228.2	271.7	319.3	365.4
-52.5°	0.0	16.1	36.5	64.7	98.4	134.4	172.8	212.7	253.6	297.7	342.4
-55°	0.0	15.2	33.3	59.8	90.0	123.8	159.3	196.7	235.3	275.3	317.5
-57.5°	0.0	14.2	29.9	54.7	81.3	113.0	145.4	180.2	216.1	253.2	291.9
-60°	0.0	13.2	26.5	49.6	72.5	101.9	131.1	163.2	196.4	230.6	265.9
-62.5°	0.0	12.2	24.4	44.2	65.5	90.5	117.4	145.8	176.5	207.2	239.5
-65°	0.0	11.2	22.4	38.8	58.2	78.8	103.5	128.5	156.2	184.2	212.4
-67.5°	0.0	10.1	20.3	33.2	50.8	68.3	89.2	112.1	135.5	160.9	186.0
-70°	0.0	9.1	18.1	27.6	43.3	58.9	74.8	95.5	116.5	137.3	159.8
-72.5°	0.0	8.0	15.9	23.8	35.7	49.4	62.9	78.5	97.2	115.6	133.8
-75°	0.0	6.9	13.7	20.5	27.9	39.7	51.4	64.0	77.7	93.7	109.6
-77.5°	0.0	5.7	11.5	17.2	22.8	29.9	39.7	50.0	61.0	72.5	85.1
-80°	0.0	4.6	9.2	13.8	18.3	22.8	27.9	35.9	44.4	53.3	62.6
-82.5°	0.0	3.5	6.9	10.3	13.8	17.2	20.5	23.8	27.7	33.9	40.5
-85°	0.0	2.3	4.6	6.9	9.2	11.5	13.7	15.9	18.1	20.3	22.4
-87.5°	0.0	1.2	2.3	3.5	4.6	5.7	6.9	8.0	9.1	10.1	11.2
-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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**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°	12.2	13.2	14.2	15.2	16.1	17.0	17.9	18.7	19.5	20.3	21.0
85°	24.4	26.5	30.4	34.2	38.0	41.6	45.1	48.4	51.6	54.7	57.6
82.5°	46.8	52.8	58.8	64.5	70.1	75.5	80.8	85.8	90.6	95.2	99.5
80°	71.0	79.1	87.3	94.8	102.2	109.4	116.4	123.1	129.5	136.4	143.7
77.5°	96.7	107.0	116.5	125.1	134.5	145.8	156.6	167.1	177.1	186.7	195.8
75°	123.2	135.0	147.9	160.7	174.0	187.6	200.7	213.4	225.7	238.4	251.0
72.5°	151.0	167.1	182.7	197.8	214.6	231.1	246.2	260.0	275.6	292.8	308.5
70°	180.6	199.1	218.7	238.2	257.2	275.6	294.3	313.2	332.2	350.7	368.4
67.5°	210.2	233.5	256.2	278.3	299.9	321.9	344.2	367.0	388.8	409.8	430.2
65°	241.9	267.9	293.3	318.1	342.1	369.0	395.3	420.6	448.4	474.1	496.5
62.5°	272.6	301.7	329.8	357.9	387.1	416.8	447.2	479.2	512.2	536.0	556.6
60°	302.2	335.0	366.4	398.5	431.1	464.5	499.6	533.6	563.8	589.9	611.5
57.5°	331.1	367.8	402.6	437.4	473.1	511.1	549.7	584.5	612.6	637.7	661.4
55°	359.0	399.8	436.7	473.8	514.3	559.0	598.5	629.9	658.7	679.4	702.1
52.5°	385.7	429.3	467.9	509.5	555.8	602.1	641.5	671.9	696.1	717.6	739.7
50°	411.1	455.0	497.9	545.2	594.1	640.6	680.3	708.4	732.7	755.0	776.3
47.5°	434.2	479.8	528.3	578.8	630.0	675.8	713.9	742.6	767.7	790.7	814.1
45°	456.0	505.0	556.5	611.8	664.3	709.7	744.4	775.1	799.4	825.2	854.5
42.5°	476.7	529.1	585.1	644.1	697.5	739.1	772.8	802.2	830.2	861.3	893.9
40°	497.2	551.7	612.3	674.2	728.7	764.9	798.5	829.7	861.9	897.1	932.7
37.5°	516.3	574.9	637.7	702.3	751.7	789.2	824.0	858.7	894.8	932.7	977.1
35°	533.8	596.1	662.0	724.5	771.9	812.7	850.0	887.8	928.2	974.5	1023.4
32.5°	550.9	615.5	684.6	743.2	790.4	833.9	875.1	917.8	964.1	1015.1	1071.0
30°	567.6	634.4	704.4	762.3	806.8	851.4	899.7	947.2	998.6	1055.4	1121.0
27.5°	583.9	651.9	720.9	777.3	821.2	866.6	918.4	976.1	1032.4	1094.5	1170.5
25°	598.7	670.0	737.3	789.2	833.6	881.1	935.3	996.7	1062.9	1136.7	1229.9
22.5°	612.8	686.3	752.8	799.3	843.9	893.8	952.1	1017.0	1089.0	1174.5	1288.4
20°	626.0	699.0	763.1	808.7	852.4	904.0	966.6	1035.0	1117.2	1220.9	1357.0
17.5°	637.6	709.7	770.2	816.3	861.4	914.5	979.0	1050.2	1142.6	1261.8	1422.8
15°	647.4	718.5	776.4	822.1	869.1	925.3	991.7	1069.3	1170.4	1301.8	1479.7
12.5°	655.5	725.4	781.5	826.4	875.0	933.3	1002.5	1087.7	1198.3	1345.5	1556.4
10°	661.8	730.4	785.6	829.0	879.2	938.5	1011.0	1102.0	1220.8	1382.0	1622.1
7.5°	668.0	734.8	788.5	830.1	881.6	941.2	1016.9	1112.1	1237.3	1409.4	1674.4
5°	672.5	739.0	790.1	832.6	883.1	942.4	1020.9	1118.0	1247.6	1427.5	1711.4
2.5°	675.2	741.5	790.2	834.4	883.2	942.9	1025.6	1121.3	1259.0	1442.8	1732.5
0°	676.0	742.3	788.7	835.1	881.5	941.2	1027.3	1120.1	1265.9	1451.5	1736.5
-2.5°	675.2	741.5	790.2	834.4	883.2	942.9	1025.6	1121.3	1259.0	1442.8	1732.5
-5°	672.5	739.0	790.1	832.6	883.1	942.4	1020.9	1118.0	1247.6	1427.5	1711.4
-7.5°	668.0	734.8	788.5	830.1	881.6	941.2	1016.9	1112.1	1237.3	1409.4	1674.4
-10°	661.8	730.4	785.6	829.0	879.2	938.5	1011.0	1102.0	1220.8	1382.0	1622.1
-12.5°	655.5	725.4	781.5	826.4	875.0	933.3	1002.5	1087.7	1198.3	1345.5	1556.4
-15°	647.4	718.5	776.4	822.1	869.1	925.3	991.7	1069.3	1170.4	1301.8	1479.7
-17.5°	637.6	709.7	770.2	816.3	861.4	914.5	979.0	1050.2	1142.6	1261.8	1422.8
-20°	626.0	699.0	763.1	808.7	852.4	904.0	966.6	1035.0	1117.2	1220.9	1357.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	612.8	686.3	752.8	799.3	843.9	893.8	952.1	1017.0	1089.0	1174.5	1288.4
-25°	598.7	670.0	737.3	789.2	833.6	881.1	935.3	996.7	1062.9	1136.7	1229.9
-27.5°	583.9	651.9	720.9	777.3	821.2	866.6	918.4	976.1	1032.4	1094.5	1170.5
-30°	567.6	634.4	704.4	762.3	806.8	851.4	899.7	947.2	998.6	1055.4	1121.0
-32.5°	550.9	615.5	684.6	743.2	790.4	833.9	875.1	917.8	964.1	1015.1	1071.0
-35°	533.8	596.1	662.0	724.5	771.9	812.7	850.0	887.8	928.2	974.5	1023.4
-37.5°	516.3	574.9	637.7	702.3	751.7	789.2	824.0	858.7	894.8	932.7	977.1
-40°	497.2	551.7	612.3	674.2	728.7	764.9	798.5	829.7	861.9	897.1	932.7
-42.5°	476.7	529.1	585.1	644.1	697.5	739.1	772.8	802.2	830.2	861.3	893.9
-45°	456.0	505.0	556.5	611.8	664.3	709.7	744.4	775.1	799.4	825.2	854.5
-47.5°	434.2	479.8	528.3	578.8	630.0	675.8	713.9	742.6	767.7	790.7	814.1
-50°	411.1	455.0	497.9	545.2	594.1	640.6	680.3	708.4	732.7	755.0	776.3
-52.5°	385.7	429.3	467.9	509.5	555.8	602.1	641.5	671.9	696.1	717.6	739.7
-55°	359.0	399.8	436.7	473.8	514.3	559.0	598.5	629.9	658.7	679.4	702.1
-57.5°	331.1	367.8	402.6	437.4	473.1	511.1	549.7	584.5	612.6	637.7	661.4
-60°	302.2	335.0	366.4	398.5	431.1	464.5	499.6	533.6	563.8	589.9	611.5
-62.5°	272.6	301.7	329.8	357.9	387.1	416.8	447.2	479.2	512.2	536.0	556.6
-65°	241.9	267.9	293.3	318.1	342.1	369.0	395.3	420.6	448.4	474.1	496.5
-67.5°	210.2	233.5	256.2	278.3	299.9	321.9	344.2	367.0	388.8	409.8	430.2
-70°	180.6	199.1	218.7	238.2	257.2	275.6	294.3	313.2	332.2	350.7	368.4
-72.5°	151.0	167.1	182.7	197.8	214.6	231.1	246.2	260.0	275.6	292.8	308.5
-75°	123.2	135.0	147.9	160.7	174.0	187.6	200.7	213.4	225.7	238.4	251.0
-77.5°	96.7	107.0	116.5	125.1	134.5	145.8	156.6	167.1	177.1	186.7	195.8
-80°	71.0	79.1	87.3	94.8	102.2	109.4	116.4	123.1	129.5	136.4	143.7
-82.5°	46.8	52.8	58.8	64.5	70.1	75.5	80.8	85.8	90.6	95.2	99.5
-85°	24.4	26.5	30.4	34.2	38.0	41.6	45.1	48.4	51.6	54.7	57.6
-87.5°	12.2	13.2	14.2	15.2	16.1	17.0	17.9	18.7	19.5	20.3	21.0
-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: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	21.7	22.3	22.9	23.5	24.0	24.5	24.9	25.3	25.6	25.9	26.1
85°	60.3	62.9	65.3	67.5	69.5	70.1	70.2	70.1	69.8	70.7	71.5
82.5°	103.7	108.3	113.0	117.7	122.2	124.0	125.1	126.0	126.5	128.3	129.9
80°	150.5	157.9	164.7	170.8	176.2	180.0	183.5	186.8	189.7	191.1	191.7
77.5°	205.0	213.9	222.2	230.0	237.1	242.7	247.3	251.0	253.8	255.7	256.8
75°	263.6	274.9	284.9	294.2	302.8	308.8	313.0	316.1	318.1	320.4	322.1
72.5°	322.8	335.7	347.6	358.8	368.7	375.6	380.5	384.4	387.3	389.5	390.6
70°	385.1	400.4	413.6	424.8	433.7	440.4	445.6	449.8	453.0	455.2	456.4
67.5°	449.5	465.9	478.2	488.0	496.0	503.1	509.6	514.4	517.6	520.8	524.1
65°	515.2	531.9	544.5	554.9	563.3	572.4	580.8	587.0	591.1	594.9	598.6
62.5°	577.0	595.9	610.5	624.1	637.9	651.0	658.5	664.4	668.5	672.2	676.6
60°	633.1	654.5	672.4	688.9	705.8	722.7	729.7	735.2	740.3	745.2	749.6
57.5°	682.9	705.6	727.3	743.7	759.9	775.7	786.6	792.6	796.6	798.9	800.7
55°	726.2	749.0	770.7	789.5	807.0	823.3	835.5	841.3	845.7	848.5	850.2
52.5°	765.1	789.4	812.6	833.5	852.4	869.9	885.1	893.3	899.8	904.4	905.9
50°	803.2	829.6	854.7	877.0	899.0	920.0	939.4	950.6	958.4	963.3	964.9
47.5°	843.0	871.6	898.8	924.7	949.7	974.6	997.6	1012.9	1024.2	1032.5	1038.5
45°	884.5	915.3	945.3	975.9	1004.6	1036.7	1065.8	1088.0	1104.5	1118.8	1130.2
42.5°	926.2	960.8	995.3	1034.7	1073.9	1110.5	1145.0	1174.6	1201.5	1227.9	1248.4
40°	971.6	1009.5	1056.6	1103.4	1151.8	1194.2	1244.6	1289.8	1331.2	1375.9	1412.9
37.5°	1021.2	1069.9	1125.7	1181.7	1244.7	1305.8	1376.1	1445.4	1505.7	1584.0	1646.9
35°	1075.3	1136.9	1202.8	1278.0	1359.2	1455.0	1553.4	1669.0	1767.0	1891.5	2006.4
32.5°	1135.5	1207.9	1293.5	1396.8	1506.4	1660.2	1804.5	2000.3	2167.7	2383.8	2619.7
30°	1196.6	1290.3	1406.7	1540.1	1725.5	1943.8	2198.3	2529.4	2887.6	3258.1	3757.0
27.5°	1269.2	1390.8	1536.2	1742.2	2019.4	2321.6	2840.2	3400.1	4180.2	4797.7	5897.6
25°	1347.4	1497.8	1712.6	2011.2	2394.3	3005.9	3881.2	4894.8	6455.7	7844.1	9439.7
22.5°	1439.9	1644.3	1928.6	2319.6	2987.4	4039.6	5406.0	7487.5	9801.4	12085.1	14172.5
20°	1537.9	1784.8	2182.3	2819.2	3851.3	5372.8	7810.6	10784.9	13856.7	16986.6	19624.1
17.5°	1652.4	1987.5	2511.2	3357.2	4829.6	7434.7	10690.7	14472.7	18485.9	22479.7	25948.8
15°	1750.7	2164.8	2870.1	4137.1	6332.9	9591.2	13593.0	18369.6	23416.4	28599.4	34216.9
12.5°	1876.2	2378.6	3239.7	4781.8	7666.6	11901.7	16798.3	22344.0	28506.7	35388.6	44146.1
10°	1991.3	2602.6	3726.0	5815.0	9269.8	14060.0	19566.9	25858.7	33852.3	44194.0	54757.6
7.5°	2083.6	2780.4	4103.1	6621.1	10614.3	15903.7	22059.8	29603.3	39576.1	51890.6	63960.3
5°	2147.7	2903.5	4372.9	7230.3	11695.8	17312.8	23828.9	32363.8	44400.6	58190.7	70514.6
2.5°	2188.0	2971.0	4505.0	7591.9	12401.3	18160.8	24932.7	34118.1	47357.5	62201.1	74678.7
0°	2207.1	2982.6	4420.8	7767.9	12500.3	18100.9	25033.7	34703.9	48059.2	63290.2	75717.6
-2.5°	2188.0	2971.0	4505.0	7591.9	12401.3	18160.8	24932.7	34118.1	47357.5	62201.1	74678.7
-5°	2147.7	2903.5	4372.9	7230.3	11695.8	17312.8	23828.9	32363.8	44400.6	58190.7	70514.6
-7.5°	2083.6	2780.4	4103.1	6621.1	10614.3	15903.7	22059.8	29603.3	39576.1	51890.6	63960.3
-10°	1991.3	2602.6	3726.0	5815.0	9269.8	14060.0	19566.9	25858.7	33852.3	44194.0	54757.6
-12.5°	1876.2	2378.6	3239.7	4781.8	7666.6	11901.7	16798.3	22344.0	28506.7	35388.6	44146.1
-15°	1750.7	2164.8	2870.1	4137.1	6332.9	9591.2	13593.0	18369.6	23416.4	28599.4	34216.9
-17.5°	1652.4	1987.5	2511.2	3357.2	4829.6	7434.7	10690.7	14472.7	18485.9	22479.7	25948.8
-20°	1537.9	1784.8	2182.3	2819.2	3851.3	5372.8	7810.6	10784.9	13856.7	16986.6	19624.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	1439.9	1644.3	1928.6	2319.6	2987.4	4039.6	5406.0	7487.5	9801.4	12085.1	14172.5
-25°	1347.4	1497.8	1712.6	2011.2	2394.3	3005.9	3881.2	4894.8	6455.7	7844.1	9439.7
-27.5°	1269.2	1390.8	1536.2	1742.2	2019.4	2321.6	2840.2	3400.1	4180.2	4797.7	5897.6
-30°	1196.6	1290.3	1406.7	1540.1	1725.5	1943.8	2198.3	2529.4	2887.6	3258.1	3757.0
-32.5°	1135.5	1207.9	1293.5	1396.8	1506.4	1660.2	1804.5	2000.3	2167.7	2383.8	2619.7
-35°	1075.3	1136.9	1202.8	1278.0	1359.2	1455.0	1553.4	1669.0	1767.0	1891.5	2006.4
-37.5°	1021.2	1069.9	1125.7	1181.7	1244.7	1305.8	1376.1	1445.4	1505.7	1584.0	1646.9
-40°	971.6	1009.5	1056.6	1103.4	1151.8	1194.2	1244.6	1289.8	1331.2	1375.9	1412.9
-42.5°	926.2	960.8	995.3	1034.7	1073.9	1110.5	1145.0	1174.6	1201.5	1227.9	1248.4
-45°	884.5	915.3	945.3	975.9	1004.6	1036.7	1065.8	1088.0	1104.5	1118.8	1130.2
-47.5°	843.0	871.6	898.8	924.7	949.7	974.6	997.6	1012.9	1024.2	1032.5	1038.5
-50°	803.2	829.6	854.7	877.0	899.0	920.0	939.4	950.6	958.4	963.3	964.9
-52.5°	765.1	789.4	812.6	833.5	852.4	869.9	885.1	893.3	899.8	904.4	905.9
-55°	726.2	749.0	770.7	789.5	807.0	823.3	835.5	841.3	845.7	848.5	850.2
-57.5°	682.9	705.6	727.3	743.7	759.9	775.7	786.6	792.6	796.6	798.9	800.7
-60°	633.1	654.5	672.4	688.9	705.8	722.7	729.7	735.2	740.3	745.2	749.6
-62.5°	577.0	595.9	610.5	624.1	637.9	651.0	658.5	664.4	668.5	672.2	676.6
-65°	515.2	531.9	544.5	554.9	563.3	572.4	580.8	587.0	591.1	594.9	598.6
-67.5°	449.5	465.9	478.2	488.0	496.0	503.1	509.6	514.4	517.6	520.8	524.1
-70°	385.1	400.4	413.6	424.8	433.7	440.4	445.6	449.8	453.0	455.2	456.4
-72.5°	322.8	335.7	347.6	358.8	368.7	375.6	380.5	384.4	387.3	389.5	390.6
-75°	263.6	274.9	284.9	294.2	302.8	308.8	313.0	316.1	318.1	320.4	322.1
-77.5°	205.0	213.9	222.2	230.0	237.1	242.7	247.3	251.0	253.8	255.7	256.8
-80°	150.5	157.9	164.7	170.8	176.2	180.0	183.5	186.8	189.7	191.1	191.7
-82.5°	103.7	108.3	113.0	117.7	122.2	124.0	125.1	126.0	126.5	128.3	129.9
-85°	60.3	62.9	65.3	67.5	69.5	70.1	70.2	70.1	69.8	70.7	71.5
-87.5°	21.7	22.3	22.9	23.5	24.0	24.5	24.9	25.3	25.6	25.9	26.1
-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: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	26.3	26.4	26.5	26.5	26.5	26.4	26.3	26.1	25.9	25.6	25.3
85°	72.1	72.5	72.8	72.9	72.8	72.5	72.1	71.5	70.7	69.8	70.1
82.5°	131.1	131.9	132.4	132.6	132.4	131.9	131.1	129.9	128.3	126.5	126.0
80°	191.8	191.3	192.0	192.2	192.0	191.3	191.8	191.7	191.1	189.7	186.8
77.5°	257.4	257.3	258.2	258.5	258.2	257.3	257.4	256.8	255.7	253.8	251.0
75°	323.1	323.4	324.4	324.8	324.4	323.4	323.1	322.1	320.4	318.1	316.1
72.5°	390.6	389.5	390.5	391.0	390.5	389.5	390.6	390.6	389.5	387.3	384.4
70°	456.5	455.6	459.9	464.0	459.9	455.6	456.5	456.4	455.2	453.0	449.8
67.5°	526.5	527.9	532.6	536.9	532.6	527.9	526.5	524.1	520.8	517.6	514.4
65°	600.6	600.8	605.4	609.8	605.4	600.8	600.6	598.6	594.9	591.1	587.0
62.5°	679.1	679.9	684.7	689.3	684.7	679.9	679.1	676.6	672.2	668.5	664.4
60°	752.2	752.9	754.7	755.6	754.7	752.9	752.2	749.6	745.2	740.3	735.2
57.5°	801.3	800.6	801.4	802.0	801.4	800.6	801.3	800.7	798.9	796.6	792.6
55°	849.9	847.7	845.1	841.7	845.1	847.7	849.9	850.2	848.5	845.7	841.3
52.5°	904.7	901.2	898.1	894.8	898.1	901.2	904.7	905.9	904.4	899.8	893.3
50°	963.9	960.8	957.7	954.4	957.7	960.8	963.9	964.9	963.3	958.4	950.6
47.5°	1042.6	1043.9	1043.4	1040.6	1043.4	1043.9	1042.6	1038.5	1032.5	1024.2	1012.9
45°	1138.2	1142.0	1142.5	1140.0	1142.5	1142.0	1138.2	1130.2	1118.8	1104.5	1088.0
42.5°	1263.0	1271.3	1276.0	1279.2	1276.0	1271.3	1263.0	1248.4	1227.9	1201.5	1174.6
40°	1439.8	1457.0	1467.8	1478.0	1467.8	1457.0	1439.8	1412.9	1375.9	1331.2	1289.8
37.5°	1693.5	1724.6	1738.5	1729.9	1738.5	1724.6	1693.5	1646.9	1584.0	1505.7	1445.4
35°	2094.9	2154.0	2184.7	2187.2	2184.7	2154.0	2094.9	2006.4	1891.5	1767.0	1669.0
32.5°	2794.1	2915.1	2980.1	2989.2	2980.1	2915.1	2794.1	2619.7	2383.8	2167.7	2000.3
30°	4138.8	4385.5	4501.3	4473.9	4501.3	4385.5	4138.8	3757.0	3258.1	2887.6	2529.4
27.5°	6752.6	7367.7	7732.3	7761.3	7732.3	7367.7	6752.6	5897.6	4797.7	4180.2	3400.1
25°	10852.9	11903.1	12575.6	12586.5	12575.6	11903.1	10852.9	9439.7	7844.1	6455.7	4894.8
22.5°	16102.7	17536.2	18321.7	18458.8	18321.7	17536.2	16102.7	14172.5	12085.1	9801.4	7487.5
20°	22184.7	24091.7	25112.1	25113.3	25112.1	24091.7	22184.7	19624.1	16986.6	13856.7	10784.9
17.5°	29675.0	32771.6	34715.5	35552.3	34715.5	32771.6	29675.0	25948.8	22479.7	18485.9	14472.7
15°	39626.0	44829.7	47947.9	48509.9	47947.9	44829.7	39626.0	34216.9	28599.4	23416.4	18369.6
12.5°	51742.5	58327.9	62754.7	64377.2	62754.7	58327.9	51742.5	44146.1	35388.6	28506.7	22344.0
10°	64393.1	70494.9	75237.4	76831.0	75237.4	70494.9	64393.1	54757.6	44194.0	33852.3	25858.7
7.5°	73532.2	80808.3	86150.4	88496.2	86150.4	80808.3	73532.2	63960.3	51890.6	39576.1	29603.3
5°	80746.6	89356.1	94328.9	96535.9	94328.9	89356.1	80746.6	70514.6	58190.7	44400.6	32363.8
2.5°	85480.1	93987.1	99253.1	101288.1	99253.1	93987.1	85480.1	74678.7	62201.1	47357.5	34118.1
0°	87250.2	95568.2	100771.2	103256.6	100771.2	95568.2	87250.2	75717.6	63290.2	48059.2	34703.9
-2.5°	85480.1	93987.1	99253.1	101288.1	99253.1	93987.1	85480.1	74678.7	62201.1	47357.5	34118.1
-5°	80746.6	89356.1	94328.9	96535.9	94328.9	89356.1	80746.6	70514.6	58190.7	44400.6	32363.8
-7.5°	73532.2	80808.3	86150.4	88496.2	86150.4	80808.3	73532.2	63960.3	51890.6	39576.1	29603.3
-10°	64393.1	70494.9	75237.4	76831.0	75237.4	70494.9	64393.1	54757.6	44194.0	33852.3	25858.7
-12.5°	51742.5	58327.9	62754.7	64377.2	62754.7	58327.9	51742.5	44146.1	35388.6	28506.7	22344.0
-15°	39626.0	44829.7	47947.9	48509.9	47947.9	44829.7	39626.0	34216.9	28599.4	23416.4	18369.6
-17.5°	29675.0	32771.6	34715.5	35552.3	34715.5	32771.6	29675.0	25948.8	22479.7	18485.9	14472.7
-20°	22184.7	24091.7	25112.1	25113.3	25112.1	24091.7	22184.7	19624.1	16986.6	13856.7	10784.9



REPORT NUMBER: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	16102.7	17536.2	18321.7	18458.8	18321.7	17536.2	16102.7	14172.5	12085.1	9801.4	7487.5
-25°	10852.9	11903.1	12575.6	12586.5	12575.6	11903.1	10852.9	9439.7	7844.1	6455.7	4894.8
-27.5°	6752.6	7367.7	7732.3	7761.3	7732.3	7367.7	6752.6	5897.6	4797.7	4180.2	3400.1
-30°	4138.8	4385.5	4501.3	4473.9	4501.3	4385.5	4138.8	3757.0	3258.1	2887.6	2529.4
-32.5°	2794.1	2915.1	2980.1	2989.2	2980.1	2915.1	2794.1	2619.7	2383.8	2167.7	2000.3
-35°	2094.9	2154.0	2184.7	2187.2	2184.7	2154.0	2094.9	2006.4	1891.5	1767.0	1669.0
-37.5°	1693.5	1724.6	1738.5	1729.9	1738.5	1724.6	1693.5	1646.9	1584.0	1505.7	1445.4
-40°	1439.8	1457.0	1467.8	1478.0	1467.8	1457.0	1439.8	1412.9	1375.9	1331.2	1289.8
-42.5°	1263.0	1271.3	1276.0	1279.2	1276.0	1271.3	1263.0	1248.4	1227.9	1201.5	1174.6
-45°	1138.2	1142.0	1142.5	1140.0	1142.5	1142.0	1138.2	1130.2	1118.8	1104.5	1088.0
-47.5°	1042.6	1043.9	1043.4	1040.6	1043.4	1043.9	1042.6	1038.5	1032.5	1024.2	1012.9
-50°	963.9	960.8	957.7	954.4	957.7	960.8	963.9	964.9	963.3	958.4	950.6
-52.5°	904.7	901.2	898.1	894.8	898.1	901.2	904.7	905.9	904.4	899.8	893.3
-55°	849.9	847.7	845.1	841.7	845.1	847.7	849.9	850.2	848.5	845.7	841.3
-57.5°	801.3	800.6	801.4	802.0	801.4	800.6	801.3	800.7	798.9	796.6	792.6
-60°	752.2	752.9	754.7	755.6	754.7	752.9	752.2	749.6	745.2	740.3	735.2
-62.5°	679.1	679.9	684.7	689.3	684.7	679.9	679.1	676.6	672.2	668.5	664.4
-65°	600.6	600.8	605.4	609.8	605.4	600.8	600.6	598.6	594.9	591.1	587.0
-67.5°	526.5	527.9	532.6	536.9	532.6	527.9	526.5	524.1	520.8	517.6	514.4
-70°	456.5	455.6	459.9	464.0	459.9	455.6	456.5	456.4	455.2	453.0	449.8
-72.5°	390.6	389.5	390.5	391.0	390.5	389.5	390.6	390.6	389.5	387.3	384.4
-75°	323.1	323.4	324.4	324.8	324.4	323.4	323.1	322.1	320.4	318.1	316.1
-77.5°	257.4	257.3	258.2	258.5	258.2	257.3	257.4	256.8	255.7	253.8	251.0
-80°	191.8	191.3	192.0	192.2	192.0	191.3	191.8	191.7	191.1	189.7	186.8
-82.5°	131.1	131.9	132.4	132.6	132.4	131.9	131.1	129.9	128.3	126.5	126.0
-85°	72.1	72.5	72.8	72.9	72.8	72.5	72.1	71.5	70.7	69.8	70.1
-87.5°	26.3	26.4	26.5	26.5	26.5	26.4	26.3	26.1	25.9	25.6	25.3
-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: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.9	24.5	24.0	23.5	22.9	22.3	21.7	21.0	20.3	19.5	18.7
85°	70.2	70.1	69.5	67.5	65.3	62.9	60.3	57.6	54.7	51.6	48.4
82.5°	125.1	124.0	122.2	117.7	113.0	108.3	103.7	99.5	95.2	90.6	85.8
80°	183.5	180.0	176.2	170.8	164.7	157.9	150.5	143.7	136.4	129.5	123.1
77.5°	247.3	242.7	237.1	230.0	222.2	213.9	205.0	195.8	186.7	177.1	167.1
75°	313.0	308.8	302.8	294.2	284.9	274.9	263.6	251.0	238.4	225.7	213.4
72.5°	380.5	375.6	368.7	358.8	347.6	335.7	322.8	308.5	292.8	275.6	260.0
70°	445.6	440.4	433.7	424.8	413.6	400.4	385.1	368.4	350.7	332.2	313.2
67.5°	509.6	503.1	496.0	488.0	478.2	465.9	449.5	430.2	409.8	388.8	367.0
65°	580.8	572.4	563.3	554.9	544.5	531.9	515.2	496.5	474.1	448.4	420.6
62.5°	658.5	651.0	637.9	624.1	610.5	595.9	577.0	556.6	536.0	512.2	479.2
60°	729.7	722.7	705.8	688.9	672.4	654.5	633.1	611.5	589.9	563.8	533.6
57.5°	786.6	775.7	759.9	743.7	727.3	705.6	682.9	661.4	637.7	612.6	584.5
55°	835.5	823.3	807.0	789.5	770.7	749.0	726.2	702.1	679.4	658.7	629.9
52.5°	885.1	869.9	852.4	833.5	812.6	789.4	765.1	739.7	717.6	696.1	671.9
50°	939.4	920.0	899.0	877.0	854.7	829.6	803.2	776.3	755.0	732.7	708.4
47.5°	997.6	974.6	949.7	924.7	898.8	871.6	843.0	814.1	790.7	767.7	742.6
45°	1065.8	1036.7	1004.6	975.9	945.3	915.3	884.5	854.5	825.2	799.4	775.1
42.5°	1145.0	1110.5	1073.9	1034.7	995.3	960.8	926.2	893.9	861.3	830.2	802.2
40°	1244.6	1194.2	1151.8	1103.4	1056.6	1009.5	971.6	932.7	897.1	861.9	829.7
37.5°	1376.1	1305.8	1244.7	1181.7	1125.7	1069.9	1021.2	977.1	932.7	894.8	858.7
35°	1553.4	1455.0	1359.2	1278.0	1202.8	1136.9	1075.3	1023.4	974.5	928.2	887.8
32.5°	1804.5	1660.2	1506.4	1396.8	1293.5	1207.9	1135.5	1071.0	1015.1	964.1	917.8
30°	2198.3	1943.8	1725.5	1540.1	1406.7	1290.3	1196.6	1121.0	1055.4	998.6	947.2
27.5°	2840.2	2321.6	2019.4	1742.2	1536.2	1390.8	1269.2	1170.5	1094.5	1032.4	976.1
25°	3881.2	3005.9	2394.3	2011.2	1712.6	1497.8	1347.4	1229.9	1136.7	1062.9	996.7
22.5°	5406.0	4039.6	2987.4	2319.6	1928.6	1644.3	1439.9	1288.4	1174.5	1089.0	1017.0
20°	7810.6	5372.8	3851.3	2819.2	2182.3	1784.8	1537.9	1357.0	1220.9	1117.2	1035.0
17.5°	10690.7	7434.7	4829.6	3357.2	2511.2	1987.5	1652.4	1422.8	1261.8	1142.6	1050.2
15°	13593.0	9591.2	6332.9	4137.1	2870.1	2164.8	1750.7	1479.7	1301.8	1170.4	1069.3
12.5°	16798.3	11901.7	7666.6	4781.8	3239.7	2378.6	1876.2	1556.4	1345.5	1198.3	1087.7
10°	19566.9	14060.0	9269.8	5815.0	3726.0	2602.6	1991.3	1622.1	1382.0	1220.8	1102.0
7.5°	22059.8	15903.7	10614.3	6621.1	4103.1	2780.4	2083.6	1674.4	1409.4	1237.3	1112.1
5°	23828.9	17312.8	11695.8	7230.3	4372.9	2903.5	2147.7	1711.4	1427.5	1247.6	1118.0
2.5°	24932.7	18160.8	12401.3	7591.9	4505.0	2971.0	2188.0	1732.5	1442.8	1259.0	1121.3
0°	25033.7	18100.9	12500.3	7767.9	4420.8	2982.6	2207.1	1736.5	1451.5	1265.9	1120.1
-2.5°	24932.7	18160.8	12401.3	7591.9	4505.0	2971.0	2188.0	1732.5	1442.8	1259.0	1121.3
-5°	23828.9	17312.8	11695.8	7230.3	4372.9	2903.5	2147.7	1711.4	1427.5	1247.6	1118.0
-7.5°	22059.8	15903.7	10614.3	6621.1	4103.1	2780.4	2083.6	1674.4	1409.4	1237.3	1112.1
-10°	19566.9	14060.0	9269.8	5815.0	3726.0	2602.6	1991.3	1622.1	1382.0	1220.8	1102.0
-12.5°	16798.3	11901.7	7666.6	4781.8	3239.7	2378.6	1876.2	1556.4	1345.5	1198.3	1087.7
-15°	13593.0	9591.2	6332.9	4137.1	2870.1	2164.8	1750.7	1479.7	1301.8	1170.4	1069.3
-17.5°	10690.7	7434.7	4829.6	3357.2	2511.2	1987.5	1652.4	1422.8	1261.8	1142.6	1050.2
-20°	7810.6	5372.8	3851.3	2819.2	2182.3	1784.8	1537.9	1357.0	1220.9	1117.2	1035.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	5406.0	4039.6	2987.4	2319.6	1928.6	1644.3	1439.9	1288.4	1174.5	1089.0	1017.0
-25°	3881.2	3005.9	2394.3	2011.2	1712.6	1497.8	1347.4	1229.9	1136.7	1062.9	996.7
-27.5°	2840.2	2321.6	2019.4	1742.2	1536.2	1390.8	1269.2	1170.5	1094.5	1032.4	976.1
-30°	2198.3	1943.8	1725.5	1540.1	1406.7	1290.3	1196.6	1121.0	1055.4	998.6	947.2
-32.5°	1804.5	1660.2	1506.4	1396.8	1293.5	1207.9	1135.5	1071.0	1015.1	964.1	917.8
-35°	1553.4	1455.0	1359.2	1278.0	1202.8	1136.9	1075.3	1023.4	974.5	928.2	887.8
-37.5°	1376.1	1305.8	1244.7	1181.7	1125.7	1069.9	1021.2	977.1	932.7	894.8	858.7
-40°	1244.6	1194.2	1151.8	1103.4	1056.6	1009.5	971.6	932.7	897.1	861.9	829.7
-42.5°	1145.0	1110.5	1073.9	1034.7	995.3	960.8	926.2	893.9	861.3	830.2	802.2
-45°	1065.8	1036.7	1004.6	975.9	945.3	915.3	884.5	854.5	825.2	799.4	775.1
-47.5°	997.6	974.6	949.7	924.7	898.8	871.6	843.0	814.1	790.7	767.7	742.6
-50°	939.4	920.0	899.0	877.0	854.7	829.6	803.2	776.3	755.0	732.7	708.4
-52.5°	885.1	869.9	852.4	833.5	812.6	789.4	765.1	739.7	717.6	696.1	671.9
-55°	835.5	823.3	807.0	789.5	770.7	749.0	726.2	702.1	679.4	658.7	629.9
-57.5°	786.6	775.7	759.9	743.7	727.3	705.6	682.9	661.4	637.7	612.6	584.5
-60°	729.7	722.7	705.8	688.9	672.4	654.5	633.1	611.5	589.9	563.8	533.6
-62.5°	658.5	651.0	637.9	624.1	610.5	595.9	577.0	556.6	536.0	512.2	479.2
-65°	580.8	572.4	563.3	554.9	544.5	531.9	515.2	496.5	474.1	448.4	420.6
-67.5°	509.6	503.1	496.0	488.0	478.2	465.9	449.5	430.2	409.8	388.8	367.0
-70°	445.6	440.4	433.7	424.8	413.6	400.4	385.1	368.4	350.7	332.2	313.2
-72.5°	380.5	375.6	368.7	358.8	347.6	335.7	322.8	308.5	292.8	275.6	260.0
-75°	313.0	308.8	302.8	294.2	284.9	274.9	263.6	251.0	238.4	225.7	213.4
-77.5°	247.3	242.7	237.1	230.0	222.2	213.9	205.0	195.8	186.7	177.1	167.1
-80°	183.5	180.0	176.2	170.8	164.7	157.9	150.5	143.7	136.4	129.5	123.1
-82.5°	125.1	124.0	122.2	117.7	113.0	108.3	103.7	99.5	95.2	90.6	85.8
-85°	70.2	70.1	69.5	67.5	65.3	62.9	60.3	57.6	54.7	51.6	48.4
-87.5°	24.9	24.5	24.0	23.5	22.9	22.3	21.7	21.0	20.3	19.5	18.7
-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: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	17.9	17.0	16.1	15.2	14.2	13.2	12.2	11.2	10.1	9.1	8.0
85°	45.1	41.6	38.0	34.2	30.4	26.5	24.4	22.4	20.3	18.1	15.9
82.5°	80.8	75.5	70.1	64.5	58.8	52.8	46.8	40.5	33.9	27.7	23.8
80°	116.4	109.4	102.2	94.8	87.3	79.1	71.0	62.6	53.3	44.4	35.9
77.5°	156.6	145.8	134.5	125.1	116.5	107.0	96.7	85.1	72.5	61.0	50.0
75°	200.7	187.6	174.0	160.7	147.9	135.0	123.2	109.6	93.7	77.7	64.0
72.5°	246.2	231.1	214.6	197.8	182.7	167.1	151.0	133.8	115.6	97.2	78.5
70°	294.3	275.6	257.2	238.2	218.7	199.1	180.6	159.8	137.3	116.5	95.5
67.5°	344.2	321.9	299.9	278.3	256.2	233.5	210.2	186.0	160.9	135.5	112.1
65°	395.3	369.0	342.1	318.1	293.3	267.9	241.9	212.4	184.2	156.2	128.5
62.5°	447.2	416.8	387.1	357.9	329.8	301.7	272.6	239.5	207.2	176.5	145.8
60°	499.6	464.5	431.1	398.5	366.4	335.0	302.2	265.9	230.6	196.4	163.2
57.5°	549.7	511.1	473.1	437.4	402.6	367.8	331.1	291.9	253.2	216.1	180.2
55°	598.5	559.0	514.3	473.8	436.7	399.8	359.0	317.5	275.3	235.3	196.7
52.5°	641.5	602.1	555.8	509.5	467.9	429.3	385.7	342.4	297.7	253.6	212.7
50°	680.3	640.6	594.1	545.2	497.9	455.0	411.1	365.4	319.3	271.7	228.2
47.5°	713.9	675.8	630.0	578.8	528.3	479.8	434.2	387.1	340.1	290.2	243.2
45°	744.4	709.7	664.3	611.8	556.5	505.0	456.0	407.7	358.6	308.1	257.6
42.5°	772.8	739.1	697.5	644.1	585.1	529.1	476.7	426.6	375.9	325.1	271.9
40°	798.5	764.9	728.7	674.2	612.3	551.7	497.2	444.5	392.2	340.6	285.8
37.5°	824.0	789.2	751.7	702.3	637.7	574.9	516.3	461.4	407.8	354.4	298.9
35°	850.0	812.7	771.9	724.5	662.0	596.1	533.8	477.3	422.5	367.4	311.1
32.5°	875.1	833.9	790.4	743.2	684.6	615.5	550.9	492.7	436.3	379.6	322.3
30°	899.7	851.4	806.8	762.3	704.4	634.4	567.6	507.1	449.1	390.9	332.5
27.5°	918.4	866.6	821.2	777.3	720.9	651.9	583.9	520.3	460.9	401.3	341.6
25°	935.3	881.1	833.6	789.2	737.3	670.0	598.7	532.4	471.6	410.8	349.8
22.5°	952.1	893.8	843.9	799.3	752.8	686.3	612.8	544.5	481.3	419.3	357.2
20°	966.6	904.0	852.4	808.7	763.1	699.0	626.0	555.2	489.9	426.9	363.8
17.5°	979.0	914.5	861.4	816.3	770.2	709.7	637.6	564.6	497.4	433.4	369.5
15°	991.7	925.3	869.1	822.1	776.4	718.5	647.4	572.6	503.7	439.0	374.7
12.5°	1002.5	933.3	875.0	826.4	781.5	725.4	655.5	579.1	508.9	444.2	379.7
10°	1011.0	938.5	879.2	829.0	785.6	730.4	661.8	585.2	515.1	448.9	383.7
7.5°	1016.9	941.2	881.6	830.1	788.5	734.8	668.0	591.8	520.5	452.6	386.9
5°	1020.9	942.4	883.1	832.6	790.1	739.0	672.5	597.1	524.9	455.2	389.2
2.5°	1025.6	942.9	883.2	834.4	790.2	741.5	675.2	600.8	528.2	456.8	390.5
0°	1027.3	941.2	881.5	835.1	788.7	742.3	676.0	603.1	530.2	457.3	391.0
-2.5°	1025.6	942.9	883.2	834.4	790.2	741.5	675.2	600.8	528.2	456.8	390.5
-5°	1020.9	942.4	883.1	832.6	790.1	739.0	672.5	597.1	524.9	455.2	389.2
-7.5°	1016.9	941.2	881.6	830.1	788.5	734.8	668.0	591.8	520.5	452.6	386.9
-10°	1011.0	938.5	879.2	829.0	785.6	730.4	661.8	585.2	515.1	448.9	383.7
-12.5°	1002.5	933.3	875.0	826.4	781.5	725.4	655.5	579.1	508.9	444.2	379.7
-15°	991.7	925.3	869.1	822.1	776.4	718.5	647.4	572.6	503.7	439.0	374.7
-17.5°	979.0	914.5	861.4	816.3	770.2	709.7	637.6	564.6	497.4	433.4	369.5
-20°	966.6	904.0	852.4	808.7	763.1	699.0	626.0	555.2	489.9	426.9	363.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	952.1	893.8	843.9	799.3	752.8	686.3	612.8	544.5	481.3	419.3	357.2
-25°	935.3	881.1	833.6	789.2	737.3	670.0	598.7	532.4	471.6	410.8	349.8
-27.5°	918.4	866.6	821.2	777.3	720.9	651.9	583.9	520.3	460.9	401.3	341.6
-30°	899.7	851.4	806.8	762.3	704.4	634.4	567.6	507.1	449.1	390.9	332.5
-32.5°	875.1	833.9	790.4	743.2	684.6	615.5	550.9	492.7	436.3	379.6	322.3
-35°	850.0	812.7	771.9	724.5	662.0	596.1	533.8	477.3	422.5	367.4	311.1
-37.5°	824.0	789.2	751.7	702.3	637.7	574.9	516.3	461.4	407.8	354.4	298.9
-40°	798.5	764.9	728.7	674.2	612.3	551.7	497.2	444.5	392.2	340.6	285.8
-42.5°	772.8	739.1	697.5	644.1	585.1	529.1	476.7	426.6	375.9	325.1	271.9
-45°	744.4	709.7	664.3	611.8	556.5	505.0	456.0	407.7	358.6	308.1	257.6
-47.5°	713.9	675.8	630.0	578.8	528.3	479.8	434.2	387.1	340.1	290.2	243.2
-50°	680.3	640.6	594.1	545.2	497.9	455.0	411.1	365.4	319.3	271.7	228.2
-52.5°	641.5	602.1	555.8	509.5	467.9	429.3	385.7	342.4	297.7	253.6	212.7
-55°	598.5	559.0	514.3	473.8	436.7	399.8	359.0	317.5	275.3	235.3	196.7
-57.5°	549.7	511.1	473.1	437.4	402.6	367.8	331.1	291.9	253.2	216.1	180.2
-60°	499.6	464.5	431.1	398.5	366.4	335.0	302.2	265.9	230.6	196.4	163.2
-62.5°	447.2	416.8	387.1	357.9	329.8	301.7	272.6	239.5	207.2	176.5	145.8
-65°	395.3	369.0	342.1	318.1	293.3	267.9	241.9	212.4	184.2	156.2	128.5
-67.5°	344.2	321.9	299.9	278.3	256.2	233.5	210.2	186.0	160.9	135.5	112.1
-70°	294.3	275.6	257.2	238.2	218.7	199.1	180.6	159.8	137.3	116.5	95.5
-72.5°	246.2	231.1	214.6	197.8	182.7	167.1	151.0	133.8	115.6	97.2	78.5
-75°	200.7	187.6	174.0	160.7	147.9	135.0	123.2	109.6	93.7	77.7	64.0
-77.5°	156.6	145.8	134.5	125.1	116.5	107.0	96.7	85.1	72.5	61.0	50.0
-80°	116.4	109.4	102.2	94.8	87.3	79.1	71.0	62.6	53.3	44.4	35.9
-82.5°	80.8	75.5	70.1	64.5	58.8	52.8	46.8	40.5	33.9	27.7	23.8
-85°	45.1	41.6	38.0	34.2	30.4	26.5	24.4	22.4	20.3	18.1	15.9
-87.5°	17.9	17.0	16.1	15.2	14.2	13.2	12.2	11.2	10.1	9.1	8.0
-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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Scaled Data Report



REPORT NUMBER: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.9	5.7	4.6	3.5	2.3	1.2	0.0
85°	13.7	11.5	9.2	6.9	4.6	2.3	0.0
82.5°	20.5	17.2	13.8	10.3	6.9	3.5	0.0
80°	27.9	22.8	18.3	13.8	9.2	4.6	0.0
77.5°	39.7	29.9	22.8	17.2	11.5	5.7	0.0
75°	51.4	39.7	27.9	20.5	13.7	6.9	0.0
72.5°	62.9	49.4	35.7	23.8	15.9	8.0	0.0
70°	74.8	58.9	43.3	27.6	18.1	9.1	0.0
67.5°	89.2	68.3	50.8	33.2	20.3	10.1	0.0
65°	103.5	78.8	58.2	38.8	22.4	11.2	0.0
62.5°	117.4	90.5	65.5	44.2	24.4	12.2	0.0
60°	131.1	101.9	72.5	49.6	26.5	13.2	0.0
57.5°	145.4	113.0	81.3	54.7	29.9	14.2	0.0
55°	159.3	123.8	90.0	59.8	33.3	15.2	0.0
52.5°	172.8	134.4	98.4	64.7	36.5	16.1	0.0
50°	185.7	145.1	106.5	69.4	39.7	17.0	0.0
47.5°	198.1	155.3	114.4	74.3	42.8	17.9	0.0
45°	210.4	165.0	121.9	80.0	45.7	18.7	0.0
42.5°	222.2	174.3	129.2	85.4	48.5	19.5	0.0
40°	233.4	183.0	136.1	90.5	51.2	20.3	0.0
37.5°	244.1	191.2	142.7	95.2	53.7	21.0	0.0
35°	254.1	199.3	148.9	99.7	56.1	21.7	0.0
32.5°	263.6	207.1	154.7	103.8	58.3	22.3	0.0
30°	272.6	214.4	160.0	107.5	60.4	22.9	0.0
27.5°	280.7	221.1	164.8	110.9	62.4	23.5	0.0
25°	288.2	227.2	169.3	114.0	64.2	24.0	0.0
22.5°	294.8	232.8	173.4	116.7	65.8	24.5	0.0
20°	300.6	237.6	177.2	119.1	67.3	24.9	0.0
17.5°	305.8	241.7	180.6	121.1	68.6	25.3	0.0
15°	310.7	245.2	183.6	122.8	69.7	25.6	0.0
12.5°	314.8	247.9	186.1	124.1	70.7	25.9	0.0
10°	318.3	250.0	188.3	125.1	71.5	26.1	0.0
7.5°	321.1	251.4	190.0	125.8	72.1	26.3	0.0
5°	323.1	252.2	191.2	126.2	72.5	26.4	0.0
2.5°	324.4	252.3	191.9	126.2	72.8	26.5	0.0
0°	324.8	251.9	192.2	125.9	72.9	26.5	0.0
-2.5°	324.4	252.3	191.9	126.2	72.8	26.5	0.0
-5°	323.1	252.2	191.2	126.2	72.5	26.4	0.0
-7.5°	321.1	251.4	190.0	125.8	72.1	26.3	0.0
-10°	318.3	250.0	188.3	125.1	71.5	26.1	0.0
-12.5°	314.8	247.9	186.1	124.1	70.7	25.9	0.0
-15°	310.7	245.2	183.6	122.8	69.7	25.6	0.0
-17.5°	305.8	241.7	180.6	121.1	68.6	25.3	0.0
-20°	300.6	237.6	177.2	119.1	67.3	24.9	0.0

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REPORT NUMBER: P627505 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	294.8	232.8	173.4	116.7	65.8	24.5	0.0
-25°	288.2	227.2	169.3	114.0	64.2	24.0	0.0
-27.5°	280.7	221.1	164.8	110.9	62.4	23.5	0.0
-30°	272.6	214.4	160.0	107.5	60.4	22.9	0.0
-32.5°	263.6	207.1	154.7	103.8	58.3	22.3	0.0
-35°	254.1	199.3	148.9	99.7	56.1	21.7	0.0
-37.5°	244.1	191.2	142.7	95.2	53.7	21.0	0.0
-40°	233.4	183.0	136.1	90.5	51.2	20.3	0.0
-42.5°	222.2	174.3	129.2	85.4	48.5	19.5	0.0
-45°	210.4	165.0	121.9	80.0	45.7	18.7	0.0
-47.5°	198.1	155.3	114.4	74.3	42.8	17.9	0.0
-50°	185.7	145.1	106.5	69.4	39.7	17.0	0.0
-52.5°	172.8	134.4	98.4	64.7	36.5	16.1	0.0
-55°	159.3	123.8	90.0	59.8	33.3	15.2	0.0
-57.5°	145.4	113.0	81.3	54.7	29.9	14.2	0.0
-60°	131.1	101.9	72.5	49.6	26.5	13.2	0.0
-62.5°	117.4	90.5	65.5	44.2	24.4	12.2	0.0
-65°	103.5	78.8	58.2	38.8	22.4	11.2	0.0
-67.5°	89.2	68.3	50.8	33.2	20.3	10.1	0.0
-70°	74.8	58.9	43.3	27.6	18.1	9.1	0.0
-72.5°	62.9	49.4	35.7	23.8	15.9	8.0	0.0
-75°	51.4	39.7	27.9	20.5	13.7	6.9	0.0
-77.5°	39.7	29.9	22.8	17.2	11.5	5.7	0.0
-80°	27.9	22.8	18.3	13.8	9.2	4.6	0.0
-82.5°	20.5	17.2	13.8	10.3	6.9	3.5	0.0
-85°	13.7	11.5	9.2	6.9	4.6	2.3	0.0
-87.5°	6.9	5.7	4.6	3.5	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)