

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: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-722-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N59
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

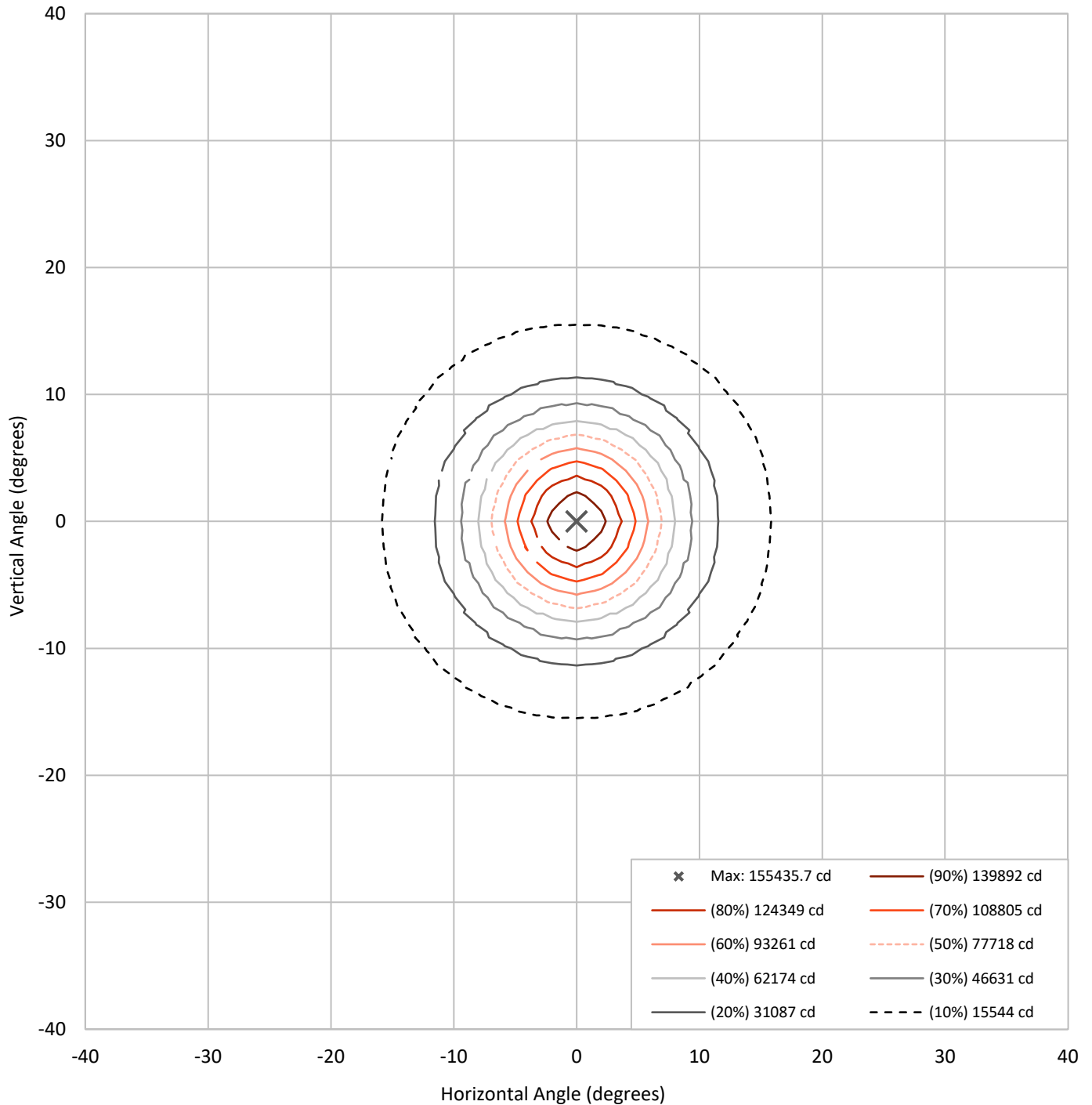
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16505 lumens	Max Intensity:	155435.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	4879.8 lumens	Field Lumens:	10981.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	160.2		
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





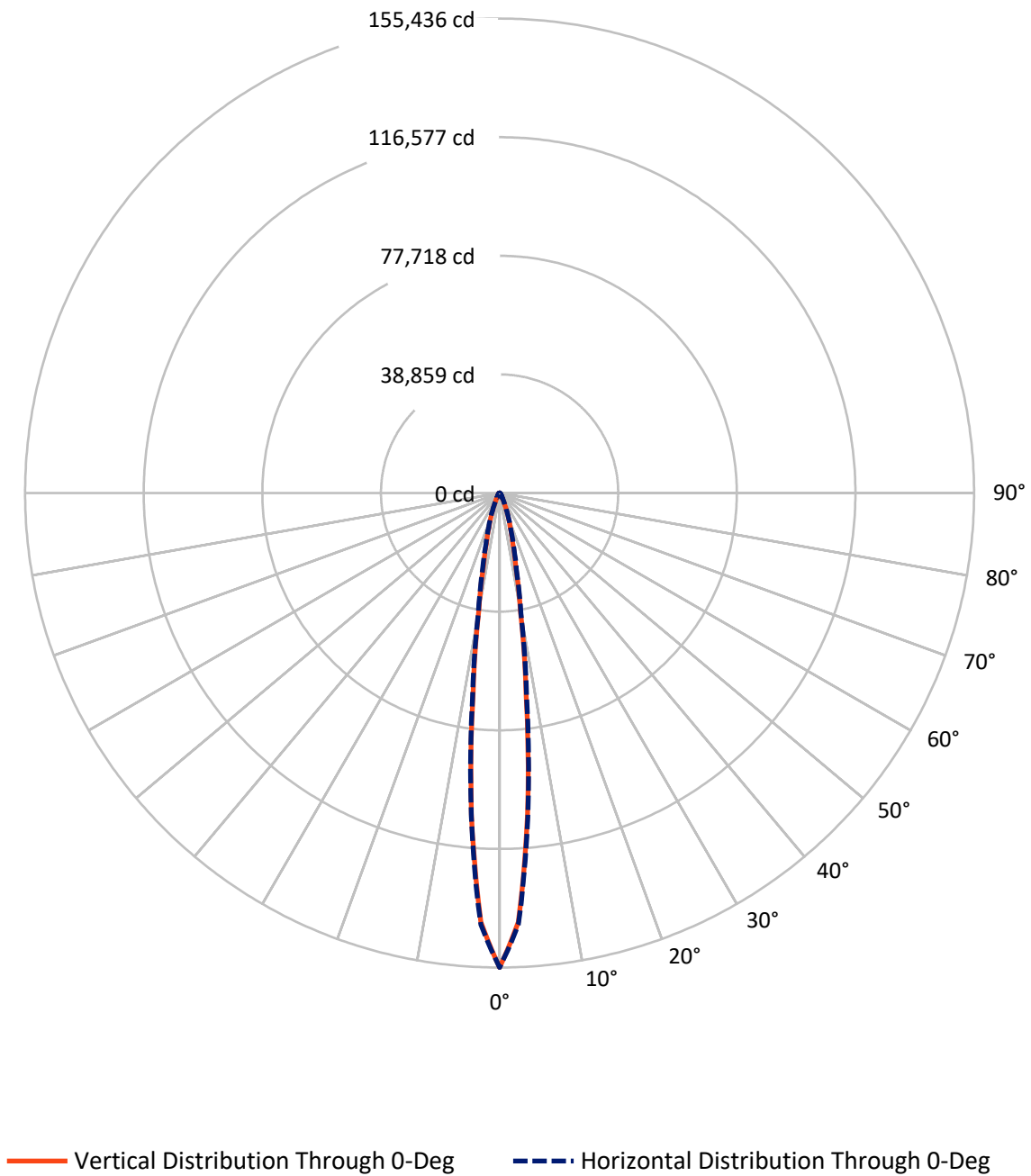
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Lumen Table

90	0.3	2.3		5.9		9.6		10.5		9.6		5.9		2.3		0.3			
80	0.3	2.3		5.9		9.6		10.5		9.6		5.9		2.3		0.3			
70	1.0	1.2	2.4	3.9	5.5	6.8	7.6	8.0	8.0	7.6	6.8	5.5	3.9	2.4	1.2	1.0			
60		1.8	3.6	5.8	7.8	9.5	10.6	11.1	11.1	10.6	9.5	7.8	5.8	3.6	1.8				
50	1.8	2.3	4.6	7.2	9.5	12.0	14.1	15.2	15.2	14.1	12.0	9.5	7.2	4.6	2.3	1.8			
40		2.8	5.5	8.3	11.7	16.9	23.8	29.5	29.5	23.8	16.9	11.7	8.3	5.5	2.8				
30	2.3	3.1	6.0	9.3	15.2	30.2	68.7	113.7	113.7	68.7	30.2	15.2	9.3	6.0	3.1	2.3			
20		3.3	6.3	10.3	20.2	64.0	227.4	489.7	489.7	227.4	64.0	20.2	10.3	6.3	3.3				
10	2.5	3.5	6.4	10.9	24.4	105.5	494.3	2135.3	2135.3	494.3	105.5	24.4	10.9	6.4	3.5	2.5			
0		3.5	6.4	10.9	24.4	105.5	494.3	2135.3	2135.3	494.3	105.5	24.4	10.9	6.4	3.5				
-10	2.3	3.3	6.3	10.3	20.2	64.0	227.4	489.7	489.7	227.4	64.0	20.2	10.3	6.3	3.3	2.3			
-20		3.1	6.0	9.3	15.2	30.2	68.7	113.7	113.7	68.7	30.2	15.2	9.3	6.0	3.1				
-30	1.8	2.8	5.5	8.3	11.7	16.9	23.8	29.5	29.5	23.8	16.9	11.7	8.3	5.5	2.8	1.8			
-40		2.3	4.6	7.2	9.5	12.0	14.1	15.2	15.2	14.1	12.0	9.5	7.2	4.6	2.3				
-50	1.0	1.8	3.6	5.8	7.8	9.5	10.6	11.1	11.1	10.6	9.5	7.8	5.8	3.6	1.8	1.0			
-60		1.2	2.4	3.9	5.5	6.8	7.6	8.0	8.0	7.6	6.8	5.5	3.9	2.4	1.2				
-70	0.3	2.3		5.9		9.6		10.5		9.6		5.9		2.3		0.3			
-80		2.3		5.9		9.6		10.5		9.6		5.9		2.3					
-90	0.3	2.3		5.9		9.6		10.5		9.6		5.9		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

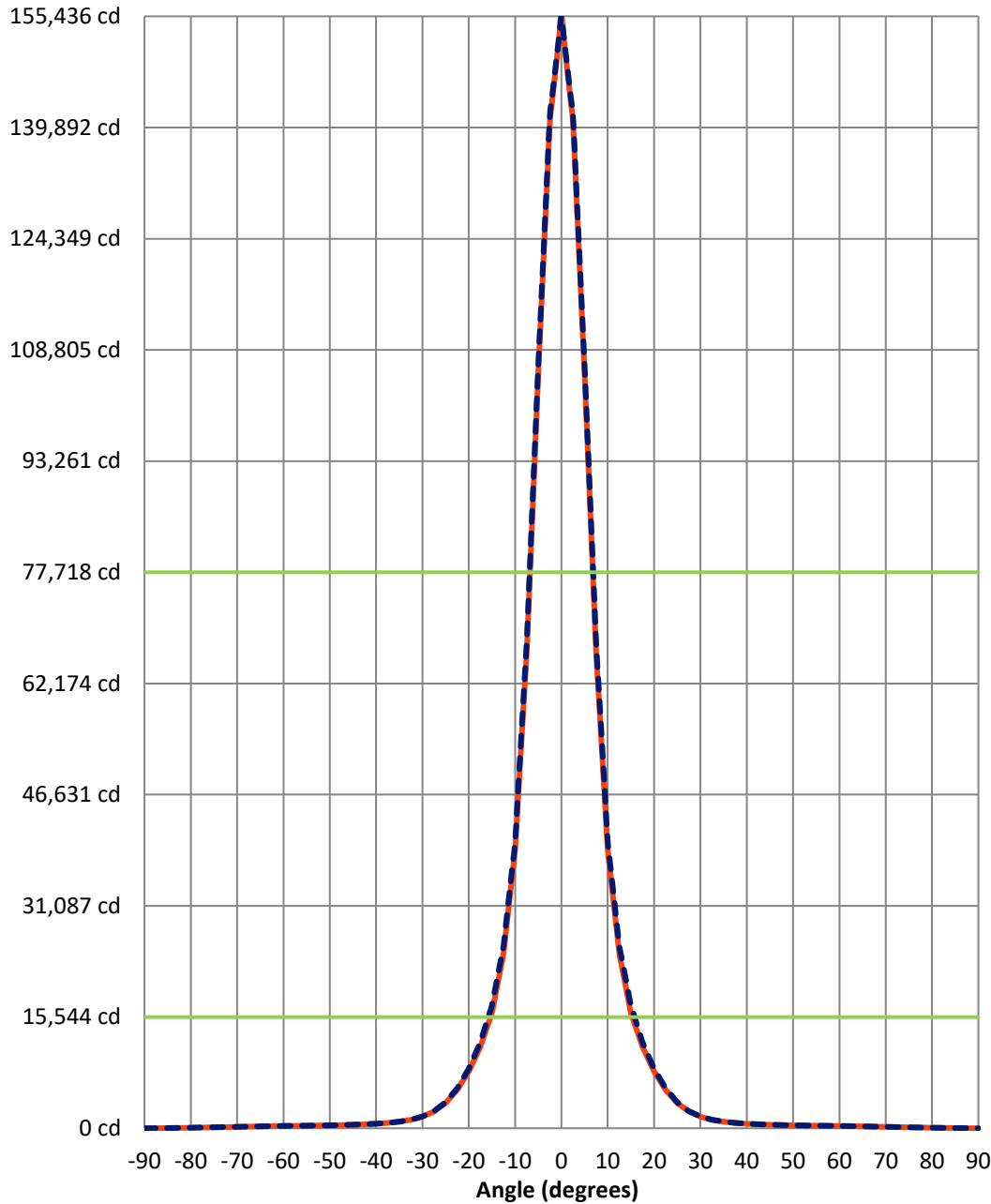
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4879.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 10981.5
 Efficiency: 66.5%

Spill:
 Lumens: 5523.5
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
85°	0.0	1.0	2.3	3.5	4.6	5.8	6.9	8.0	9.1	10.2	11.2
82.5°	0.0	1.5	3.5	5.2	6.9	8.6	10.3	12.0	13.8	16.2	18.6
80°	0.0	2.0	4.6	6.9	9.2	11.5	13.9	17.2	20.5	23.8	27.0
77.5°	0.0	2.5	5.7	8.6	11.5	14.7	19.0	23.2	27.3	31.3	35.6
75°	0.0	3.0	6.8	10.3	13.9	18.7	23.9	29.0	34.0	39.7	45.2
72.5°	0.0	3.5	7.9	12.0	16.9	22.7	28.8	35.1	41.7	48.3	54.7
70°	0.0	3.9	9.0	13.7	19.9	26.5	33.7	41.7	49.3	56.8	65.3
67.5°	0.0	4.4	10.0	15.8	22.8	30.3	39.3	48.3	56.8	66.4	75.9
65°	0.0	4.9	11.0	17.9	25.6	34.4	44.8	54.7	65.3	75.9	87.1
62.5°	0.0	5.3	11.9	19.9	28.4	38.9	50.1	61.7	73.5	85.6	99.6
60°	0.0	5.7	12.8	21.8	31.1	43.2	55.4	68.9	81.7	96.3	111.7
57.5°	0.0	6.1	14.1	23.7	34.4	47.5	61.1	75.8	90.5	106.7	123.4
55°	0.0	6.5	15.2	25.6	37.7	51.6	66.8	82.4	99.3	116.7	134.7
52.5°	0.0	6.9	16.4	27.3	40.9	55.7	72.3	89.5	107.7	126.4	145.6
50°	0.0	7.2	17.5	29.0	44.0	60.1	77.6	96.5	115.8	135.6	156.0
47.5°	0.0	7.6	18.6	30.7	47.0	64.4	82.8	103.3	123.5	144.3	166.2
45°	0.0	7.9	19.6	32.9	49.8	68.5	88.4	109.7	131.0	153.3	176.1
42.5°	0.0	8.2	20.6	34.9	52.5	72.4	93.7	115.9	138.1	162.0	185.8
40°	0.0	8.5	21.6	36.9	55.3	76.1	98.7	121.8	145.1	170.4	195.3
37.5°	0.0	8.7	22.6	38.8	58.1	79.6	103.5	127.5	152.0	178.3	204.4
35°	0.0	9.0	23.4	40.6	60.8	83.2	108.0	132.8	158.5	185.6	213.2
32.5°	0.0	9.2	24.3	42.3	63.2	86.7	112.3	137.7	164.5	192.6	220.8
30°	0.0	9.4	25.1	43.9	65.5	90.0	116.2	142.4	169.9	199.0	227.7
27.5°	0.0	9.5	25.8	45.4	67.8	93.0	119.8	146.8	175.0	204.9	234.0
25°	0.0	9.7	26.5	46.7	69.8	95.8	123.2	150.8	179.7	210.1	239.5
22.5°	0.0	9.8	27.1	48.0	71.7	98.3	126.2	154.3	184.0	214.6	244.3
20°	0.0	9.9	27.7	49.1	73.4	100.4	128.9	157.4	187.8	218.5	248.7
17.5°	0.0	10.0	28.2	50.0	74.9	102.3	131.1	160.1	191.1	221.8	252.5
15°	0.0	10.1	28.7	50.9	76.2	103.8	132.9	162.4	193.9	224.4	255.8
12.5°	0.0	10.1	29.1	51.6	77.4	105.0	134.4	164.6	196.3	226.5	258.6
10°	0.0	10.1	29.4	52.2	78.3	105.9	135.5	166.4	198.1	228.7	261.2
7.5°	0.0	10.1	29.7	52.7	79.0	106.5	136.3	167.8	199.3	230.6	264.3
5°	0.0	10.1	29.8	53.0	79.5	106.8	136.7	168.9	200.0	231.9	266.7
2.5°	0.0	10.1	30.0	53.2	79.8	106.8	136.8	169.6	200.2	232.8	268.6
0°	0.0	10.0	30.0	53.3	79.9	106.6	136.5	169.8	199.8	233.1	269.7
-2.5°	0.0	10.1	30.0	53.2	79.8	106.8	136.8	169.6	200.2	232.8	268.6
-5°	0.0	10.1	29.8	53.0	79.5	106.8	136.7	168.9	200.0	231.9	266.7
-7.5°	0.0	10.1	29.7	52.7	79.0	106.5	136.3	167.8	199.3	230.6	264.3
-10°	0.0	10.1	29.4	52.2	78.3	105.9	135.5	166.4	198.1	228.7	261.2
-12.5°	0.0	10.1	29.1	51.6	77.4	105.0	134.4	164.6	196.3	226.5	258.6
-15°	0.0	10.1	28.7	50.9	76.2	103.8	132.9	162.4	193.9	224.4	255.8
-17.5°	0.0	10.0	28.2	50.0	74.9	102.3	131.1	160.1	191.1	221.8	252.5
-20°	0.0	9.9	27.7	49.1	73.4	100.4	128.9	157.4	187.8	218.5	248.7

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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	9.8	27.1	48.0	71.7	98.3	126.2	154.3	184.0	214.6	244.3
-25°	0.0	9.7	26.5	46.7	69.8	95.8	123.2	150.8	179.7	210.1	239.5
-27.5°	0.0	9.5	25.8	45.4	67.8	93.0	119.8	146.8	175.0	204.9	234.0
-30°	0.0	9.4	25.1	43.9	65.5	90.0	116.2	142.4	169.9	199.0	227.7
-32.5°	0.0	9.2	24.3	42.3	63.2	86.7	112.3	137.7	164.5	192.6	220.8
-35°	0.0	9.0	23.4	40.6	60.8	83.2	108.0	132.8	158.5	185.6	213.2
-37.5°	0.0	8.7	22.6	38.8	58.1	79.6	103.5	127.5	152.0	178.3	204.4
-40°	0.0	8.5	21.6	36.9	55.3	76.1	98.7	121.8	145.1	170.4	195.3
-42.5°	0.0	8.2	20.6	34.9	52.5	72.4	93.7	115.9	138.1	162.0	185.8
-45°	0.0	7.9	19.6	32.9	49.8	68.5	88.4	109.7	131.0	153.3	176.1
-47.5°	0.0	7.6	18.6	30.7	47.0	64.4	82.8	103.3	123.5	144.3	166.2
-50°	0.0	7.2	17.5	29.0	44.0	60.1	77.6	96.5	115.8	135.6	156.0
-52.5°	0.0	6.9	16.4	27.3	40.9	55.7	72.3	89.5	107.7	126.4	145.6
-55°	0.0	6.5	15.2	25.6	37.7	51.6	66.8	82.4	99.3	116.7	134.7
-57.5°	0.0	6.1	14.1	23.7	34.4	47.5	61.1	75.8	90.5	106.7	123.4
-60°	0.0	5.7	12.8	21.8	31.1	43.2	55.4	68.9	81.7	96.3	111.7
-62.5°	0.0	5.3	11.9	19.9	28.4	38.9	50.1	61.7	73.5	85.6	99.6
-65°	0.0	4.9	11.0	17.9	25.6	34.4	44.8	54.7	65.3	75.9	87.1
-67.5°	0.0	4.4	10.0	15.8	22.8	30.3	39.3	48.3	56.8	66.4	75.9
-70°	0.0	3.9	9.0	13.7	19.9	26.5	33.7	41.7	49.3	56.8	65.3
-72.5°	0.0	3.5	7.9	12.0	16.9	22.7	28.8	35.1	41.7	48.3	54.7
-75°	0.0	3.0	6.8	10.3	13.9	18.7	23.9	29.0	34.0	39.7	45.2
-77.5°	0.0	2.5	5.7	8.6	11.5	14.7	19.0	23.2	27.3	31.3	35.6
-80°	0.0	2.0	4.6	6.9	9.2	11.5	13.9	17.2	20.5	23.8	27.0
-82.5°	0.0	1.5	3.5	5.2	6.9	8.6	10.3	12.0	13.8	16.2	18.6
-85°	0.0	1.0	2.3	3.5	4.6	5.8	6.9	8.0	9.1	10.2	11.2
-87.5°	0.0	0.5	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
-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°	6.1	6.6	7.1	7.6	8.1	8.5	9.0	9.4	9.8	10.2	10.6
85°	12.3	13.3	14.8	16.2	17.5	18.5	19.5	20.2	21.6	23.0	24.5
82.5°	20.9	23.2	25.5	27.6	29.1	30.3	31.5	33.2	36.1	39.0	41.5
80°	30.1	33.1	36.6	40.0	42.9	45.8	48.8	51.9	55.1	58.1	61.1
77.5°	40.2	44.6	48.9	53.2	57.4	61.9	66.3	70.5	74.6	78.4	82.1
75°	50.7	56.0	61.9	67.7	73.3	78.8	84.1	89.8	95.3	100.5	105.4
72.5°	61.7	68.9	75.8	82.6	89.9	97.0	103.9	110.5	117.0	123.8	131.0
70°	73.5	81.7	90.7	99.3	107.4	116.0	124.5	131.9	138.9	148.2	157.8
67.5°	85.7	96.6	106.8	116.5	127.4	137.4	146.2	155.5	165.5	176.3	185.7
65°	99.9	111.8	123.6	136.0	148.6	159.0	169.9	181.5	192.8	203.5	213.8
62.5°	114.0	127.4	141.1	154.5	167.4	180.0	193.1	206.0	218.4	230.9	242.0
60°	127.6	142.8	157.2	171.2	185.9	201.5	216.0	230.3	245.2	259.4	266.8
57.5°	140.7	157.0	172.0	187.7	204.9	222.5	237.8	254.0	266.8	276.6	286.2
55°	153.0	169.9	186.4	204.1	222.8	241.1	258.1	272.5	284.3	293.3	303.5
52.5°	164.5	182.3	200.3	219.7	239.5	259.0	276.8	290.3	300.9	310.2	319.7
50°	175.8	194.6	213.5	234.8	256.0	276.8	294.2	306.6	316.6	326.1	335.9
47.5°	187.0	206.6	227.1	249.7	272.7	292.7	309.3	320.6	330.7	341.8	352.5
45°	197.9	219.2	240.8	265.1	288.2	307.5	321.6	332.9	345.4	357.4	368.9
42.5°	208.6	231.5	255.0	280.1	302.5	319.9	333.0	346.4	359.8	372.6	385.6
40°	219.3	243.4	268.2	293.3	315.7	330.8	344.7	359.1	373.9	387.8	402.3
37.5°	229.6	254.6	280.2	305.5	325.9	341.1	355.5	371.4	387.1	402.3	421.0
35°	239.4	264.7	290.5	315.0	334.7	350.4	366.6	383.3	399.7	419.3	440.7
32.5°	248.2	273.8	300.0	322.9	342.1	359.1	377.1	394.7	414.3	436.5	462.2
30°	255.6	281.8	308.1	330.4	349.2	367.1	386.8	406.1	429.1	455.8	486.3
27.5°	262.1	289.0	314.6	336.8	355.9	373.8	394.5	418.9	445.3	475.3	511.1
25°	268.1	296.3	320.6	342.7	361.3	380.1	402.2	429.1	460.9	497.0	540.9
22.5°	273.9	303.2	326.8	348.3	365.6	385.8	410.7	440.0	474.6	516.8	570.3
20°	279.3	308.4	331.7	352.7	368.8	390.8	418.2	449.5	488.8	539.2	601.0
17.5°	284.4	312.9	335.6	355.3	372.9	396.1	424.8	457.3	501.2	559.5	629.2
15°	289.0	316.6	338.7	357.5	376.6	401.7	431.8	466.9	514.8	578.9	654.2
12.5°	293.0	319.6	341.0	359.1	379.6	406.3	437.9	476.9	529.5	597.9	685.9
10°	296.5	321.9	342.7	360.2	381.8	409.8	443.1	485.0	541.2	612.6	710.3
7.5°	299.4	323.8	343.8	360.9	383.3	412.2	447.1	491.2	549.4	623.1	728.0
5°	301.5	325.2	345.2	362.9	385.5	414.1	450.0	495.5	554.2	629.4	738.9
2.5°	302.7	326.1	346.0	364.9	387.9	415.8	452.2	500.1	558.1	635.4	747.2
0°	303.1	326.4	346.3	366.3	389.6	416.3	452.9	502.9	559.5	639.4	752.6
-2.5°	302.7	326.1	346.0	364.9	387.9	415.8	452.2	500.1	558.1	635.4	747.2
-5°	301.5	325.2	345.2	362.9	385.5	414.1	450.0	495.5	554.2	629.4	738.9
-7.5°	299.4	323.8	343.8	360.9	383.3	412.2	447.1	491.2	549.4	623.1	728.0
-10°	296.5	321.9	342.7	360.2	381.8	409.8	443.1	485.0	541.2	612.6	710.3
-12.5°	293.0	319.6	341.0	359.1	379.6	406.3	437.9	476.9	529.5	597.9	685.9
-15°	289.0	316.6	338.7	357.5	376.6	401.7	431.8	466.9	514.8	578.9	654.2
-17.5°	284.4	312.9	335.6	355.3	372.9	396.1	424.8	457.3	501.2	559.5	629.2
-20°	279.3	308.4	331.7	352.7	368.8	390.8	418.2	449.5	488.8	539.2	601.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	273.9	303.2	326.8	348.3	365.6	385.8	410.7	440.0	474.6	516.8	570.3
-25°	268.1	296.3	320.6	342.7	361.3	380.1	402.2	429.1	460.9	497.0	540.9
-27.5°	262.1	289.0	314.6	336.8	355.9	373.8	394.5	418.9	445.3	475.3	511.1
-30°	255.6	281.8	308.1	330.4	349.2	367.1	386.8	406.1	429.1	455.8	486.3
-32.5°	248.2	273.8	300.0	322.9	342.1	359.1	377.1	394.7	414.3	436.5	462.2
-35°	239.4	264.7	290.5	315.0	334.7	350.4	366.6	383.3	399.7	419.3	440.7
-37.5°	229.6	254.6	280.2	305.5	325.9	341.1	355.5	371.4	387.1	402.3	421.0
-40°	219.3	243.4	268.2	293.3	315.7	330.8	344.7	359.1	373.9	387.8	402.3
-42.5°	208.6	231.5	255.0	280.1	302.5	319.9	333.0	346.4	359.8	372.6	385.6
-45°	197.9	219.2	240.8	265.1	288.2	307.5	321.6	332.9	345.4	357.4	368.9
-47.5°	187.0	206.6	227.1	249.7	272.7	292.7	309.3	320.6	330.7	341.8	352.5
-50°	175.8	194.6	213.5	234.8	256.0	276.8	294.2	306.6	316.6	326.1	335.9
-52.5°	164.5	182.3	200.3	219.7	239.5	259.0	276.8	290.3	300.9	310.2	319.7
-55°	153.0	169.9	186.4	204.1	222.8	241.1	258.1	272.5	284.3	293.3	303.5
-57.5°	140.7	157.0	172.0	187.7	204.9	222.5	237.8	254.0	266.8	276.6	286.2
-60°	127.6	142.8	157.2	171.2	185.9	201.5	216.0	230.3	245.2	259.4	266.8
-62.5°	114.0	127.4	141.1	154.5	167.4	180.0	193.1	206.0	218.4	230.9	242.0
-65°	99.9	111.8	123.6	136.0	148.6	159.0	169.9	181.5	192.8	203.5	213.8
-67.5°	85.7	96.6	106.8	116.5	127.4	137.4	146.2	155.5	165.5	176.3	185.7
-70°	73.5	81.7	90.7	99.3	107.4	116.0	124.5	131.9	138.9	148.2	157.8
-72.5°	61.7	68.9	75.8	82.6	89.9	97.0	103.9	110.5	117.0	123.8	131.0
-75°	50.7	56.0	61.9	67.7	73.3	78.8	84.1	89.8	95.3	100.5	105.4
-77.5°	40.2	44.6	48.9	53.2	57.4	61.9	66.3	70.5	74.6	78.4	82.1
-80°	30.1	33.1	36.6	40.0	42.9	45.8	48.8	51.9	55.1	58.1	61.1
-82.5°	20.9	23.2	25.5	27.6	29.1	30.3	31.5	33.2	36.1	39.0	41.5
-85°	12.3	13.3	14.8	16.2	17.5	18.5	19.5	20.2	21.6	23.0	24.5
-87.5°	6.1	6.6	7.1	7.6	8.1	8.5	9.0	9.4	9.8	10.2	10.6
-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: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.9	11.2	11.5	11.8	12.1	12.3	12.5	12.7	12.8	12.2	11.5
85°	26.0	27.0	27.9	28.8	29.5	30.2	30.9	31.4	31.9	31.5	31.1
82.5°	43.9	45.6	47.2	48.7	50.0	51.3	52.4	53.3	54.2	54.1	53.9
80°	63.8	66.7	69.6	72.4	75.2	76.9	78.1	79.0	79.7	80.0	80.0
77.5°	85.8	90.2	94.8	99.4	103.8	106.4	108.2	109.7	111.0	111.2	111.0
75°	110.1	115.8	122.1	127.6	132.4	135.3	137.3	139.1	140.4	140.8	140.6
72.5°	138.4	145.5	151.1	155.7	159.8	162.9	165.4	167.6	169.4	170.1	170.2
70°	166.3	173.2	178.6	183.2	187.2	190.4	193.5	196.1	198.3	199.9	201.0
67.5°	194.5	202.4	207.9	212.1	215.5	218.9	223.0	226.5	229.4	231.4	232.4
65°	223.4	231.6	236.9	241.5	245.6	250.0	254.5	257.8	260.0	261.3	262.2
62.5°	251.4	259.0	265.7	271.9	277.8	282.7	285.9	288.6	291.0	293.0	294.5
60°	275.4	285.2	292.7	298.6	304.4	310.0	313.8	316.9	319.2	321.0	322.0
57.5°	296.0	305.9	314.7	320.5	326.8	333.5	337.9	340.5	342.8	344.8	345.7
55°	313.9	323.1	331.2	339.1	346.2	352.2	356.9	360.3	363.2	365.5	366.2
52.5°	330.1	340.1	349.6	358.0	364.9	370.7	375.3	379.6	382.8	385.0	386.0
50°	347.1	357.8	368.0	377.1	384.3	390.8	396.6	401.6	406.4	410.1	412.9
47.5°	363.8	375.2	386.5	396.6	405.1	414.5	422.9	430.0	437.0	442.7	446.6
45°	380.6	393.8	406.1	419.1	430.6	442.9	454.4	464.2	474.3	482.0	487.2
42.5°	399.3	414.3	429.1	445.3	461.1	477.1	494.4	509.8	521.7	532.9	542.0
40°	419.3	436.5	455.8	475.7	498.9	520.0	543.3	563.3	581.3	600.4	615.5
37.5°	440.7	462.2	487.5	514.0	544.2	573.1	603.4	633.3	659.3	690.0	713.5
35°	464.4	493.1	524.2	560.1	597.6	639.0	680.5	728.5	769.8	815.2	854.8
32.5°	492.3	526.5	567.4	614.8	663.0	725.8	784.6	861.0	927.0	999.1	1071.7
30°	521.1	565.8	618.6	678.2	754.8	841.3	937.7	1051.3	1168.4	1281.7	1418.4
27.5°	556.8	610.7	674.6	761.7	874.5	991.3	1157.1	1327.6	1542.9	1721.0	1972.0
25°	593.8	657.3	748.1	866.6	1013.7	1216.6	1468.0	1740.6	2119.4	2452.2	2842.5
22.5°	634.1	719.9	832.8	979.0	1202.2	1513.6	1894.3	2407.4	2966.1	3559.3	4149.4
20°	676.1	779.8	927.9	1139.9	1446.1	1867.7	2521.4	3313.5	4111.7	5090.5	5957.2
17.5°	724.7	856.8	1039.2	1304.3	1713.0	2358.8	3265.6	4371.4	5609.8	7017.1	8266.6
15°	765.2	922.8	1153.0	1523.9	2085.9	2915.3	4058.8	5580.1	7441.0	9331.1	11248.7
12.5°	812.3	994.5	1264.9	1707.1	2413.0	3515.3	5071.8	6997.3	9321.4	11943.0	15033.6
10°	854.1	1064.9	1401.1	1948.4	2811.1	4141.0	6030.0	8346.5	11345.7	15117.7	19903.7
7.5°	885.0	1121.0	1506.2	2132.1	3155.3	4742.6	6935.4	9824.0	13635.1	18615.9	25184.3
5°	905.1	1161.5	1580.6	2273.9	3424.7	5190.3	7598.9	10871.9	15469.7	22514.2	33637.0
2.5°	917.1	1185.5	1623.1	2357.0	3588.5	5486.9	8103.8	11664.3	16658.7	24923.4	39073.6
0°	922.5	1192.2	1648.5	2401.1	3643.3	5601.5	8335.6	12025.5	17190.7	25486.3	40029.5
-2.5°	917.1	1185.5	1623.1	2357.0	3588.5	5486.9	8103.8	11664.3	16658.7	24923.4	39073.6
-5°	905.1	1161.5	1580.6	2273.9	3424.7	5190.3	7598.9	10871.9	15469.7	22514.2	33637.0
-7.5°	885.0	1121.0	1506.2	2132.1	3155.3	4742.6	6935.4	9824.0	13635.1	18615.9	25184.3
-10°	854.1	1064.9	1401.1	1948.4	2811.1	4141.0	6030.0	8346.5	11345.7	15117.7	19903.7
-12.5°	812.3	994.5	1264.9	1707.1	2413.0	3515.3	5071.8	6997.3	9321.4	11943.0	15033.6
-15°	765.2	922.8	1153.0	1523.9	2085.9	2915.3	4058.8	5580.1	7441.0	9331.1	11248.7
-17.5°	724.7	856.8	1039.2	1304.3	1713.0	2358.8	3265.6	4371.4	5609.8	7017.1	8266.6
-20°	676.1	779.8	927.9	1139.9	1446.1	1867.7	2521.4	3313.5	4111.7	5090.5	5957.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	634.1	719.9	832.8	979.0	1202.2	1513.6	1894.3	2407.4	2966.1	3559.3	4149.4
-25°	593.8	657.3	748.1	866.6	1013.7	1216.6	1468.0	1740.6	2119.4	2452.2	2842.5
-27.5°	556.8	610.7	674.6	761.7	874.5	991.3	1157.1	1327.6	1542.9	1721.0	1972.0
-30°	521.1	565.8	618.6	678.2	754.8	841.3	937.7	1051.3	1168.4	1281.7	1418.4
-32.5°	492.3	526.5	567.4	614.8	663.0	725.8	784.6	861.0	927.0	999.1	1071.7
-35°	464.4	493.1	524.2	560.1	597.6	639.0	680.5	728.5	769.8	815.2	854.8
-37.5°	440.7	462.2	487.5	514.0	544.2	573.1	603.4	633.3	659.3	690.0	713.5
-40°	419.3	436.5	455.8	475.7	498.9	520.0	543.3	563.3	581.3	600.4	615.5
-42.5°	399.3	414.3	429.1	445.3	461.1	477.1	494.4	509.8	521.7	532.9	542.0
-45°	380.6	393.8	406.1	419.1	430.6	442.9	454.4	464.2	474.3	482.0	487.2
-47.5°	363.8	375.2	386.5	396.6	405.1	414.5	422.9	430.0	437.0	442.7	446.6
-50°	347.1	357.8	368.0	377.1	384.3	390.8	396.6	401.6	406.4	410.1	412.9
-52.5°	330.1	340.1	349.6	358.0	364.9	370.7	375.3	379.6	382.8	385.0	386.0
-55°	313.9	323.1	331.2	339.1	346.2	352.2	356.9	360.3	363.2	365.5	366.2
-57.5°	296.0	305.9	314.7	320.5	326.8	333.5	337.9	340.5	342.8	344.8	345.7
-60°	275.4	285.2	292.7	298.6	304.4	310.0	313.8	316.9	319.2	321.0	322.0
-62.5°	251.4	259.0	265.7	271.9	277.8	282.7	285.9	288.6	291.0	293.0	294.5
-65°	223.4	231.6	236.9	241.5	245.6	250.0	254.5	257.8	260.0	261.3	262.2
-67.5°	194.5	202.4	207.9	212.1	215.5	218.9	223.0	226.5	229.4	231.4	232.4
-70°	166.3	173.2	178.6	183.2	187.2	190.4	193.5	196.1	198.3	199.9	201.0
-72.5°	138.4	145.5	151.1	155.7	159.8	162.9	165.4	167.6	169.4	170.1	170.2
-75°	110.1	115.8	122.1	127.6	132.4	135.3	137.3	139.1	140.4	140.8	140.6
-77.5°	85.8	90.2	94.8	99.4	103.8	106.4	108.2	109.7	111.0	111.2	111.0
-80°	63.8	66.7	69.6	72.4	75.2	76.9	78.1	79.0	79.7	80.0	80.0
-82.5°	43.9	45.6	47.2	48.7	50.0	51.3	52.4	53.3	54.2	54.1	53.9
-85°	26.0	27.0	27.9	28.8	29.5	30.2	30.9	31.4	31.9	31.5	31.1
-87.5°	10.9	11.2	11.5	11.8	12.1	12.3	12.5	12.7	12.8	12.2	11.5
-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: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.7	10.0	10.0	10.0	10.0	10.0	10.7	11.5	12.2	12.8	12.7
85°	30.5	29.9	30.0	30.0	30.0	29.9	30.5	31.1	31.5	31.9	31.4
82.5°	53.5	53.0	53.2	53.3	53.2	53.0	53.5	53.9	54.1	54.2	53.3
80°	79.9	79.5	78.2	76.6	78.2	79.5	79.9	80.0	80.0	79.7	79.0
77.5°	110.4	109.4	108.1	106.6	108.1	109.4	110.4	111.0	111.2	111.0	109.7
75°	140.1	139.3	139.7	139.9	139.7	139.3	140.1	140.6	140.8	140.4	139.1
72.5°	169.9	169.1	169.6	169.8	169.6	169.1	169.9	170.2	170.1	169.4	167.6
70°	201.8	202.2	201.3	199.8	201.3	202.2	201.8	201.0	199.9	198.3	196.1
67.5°	232.7	232.3	231.3	229.8	231.3	232.3	232.7	232.4	231.4	229.4	226.5
65°	262.5	262.2	262.8	263.1	262.8	262.2	262.5	262.2	261.3	260.0	257.8
62.5°	295.3	295.3	294.6	293.1	294.6	295.3	295.3	294.5	293.0	291.0	288.6
60°	322.4	322.2	321.3	319.7	321.3	322.2	322.4	322.0	321.0	319.2	316.9
57.5°	346.0	345.6	344.6	343.0	344.6	345.6	346.0	345.7	344.8	342.8	340.5
55°	366.3	365.8	364.7	363.0	364.7	365.8	366.3	366.2	365.5	363.2	360.3
52.5°	386.3	385.8	385.9	386.3	385.9	385.8	386.3	386.0	385.0	382.8	379.6
50°	414.5	415.1	414.6	412.9	414.6	415.1	414.5	412.9	410.1	406.4	401.6
47.5°	448.5	448.7	447.9	446.3	447.9	448.7	448.5	446.6	442.7	437.0	430.0
45°	491.2	493.6	494.2	492.9	494.2	493.6	491.2	487.2	482.0	474.3	464.2
42.5°	549.0	552.8	553.9	552.8	553.9	552.8	549.0	542.0	532.9	521.7	509.8
40°	624.9	629.2	630.0	629.4	630.0	629.2	624.9	615.5	600.4	581.3	563.3
37.5°	729.9	740.4	745.4	746.0	745.4	740.4	729.9	713.5	690.0	659.3	633.3
35°	885.0	905.9	917.1	922.5	917.1	905.9	885.0	854.8	815.2	769.8	728.5
32.5°	1126.7	1168.5	1191.7	1188.9	1191.7	1168.5	1126.7	1071.7	999.1	927.0	861.0
30°	1521.5	1594.7	1631.6	1621.8	1631.6	1594.7	1521.5	1418.4	1281.7	1168.4	1051.3
27.5°	2152.3	2284.7	2361.2	2351.2	2361.2	2284.7	2152.3	1972.0	1721.0	1542.9	1327.6
25°	3168.8	3410.4	3565.0	3526.7	3565.0	3410.4	3168.8	2842.5	2452.2	2119.4	1740.6
22.5°	4715.1	5124.3	5395.1	5361.7	5395.1	5124.3	4715.1	4149.4	3559.3	2966.1	2407.4
20°	6836.1	7458.9	7903.7	7962.6	7903.7	7458.9	6836.1	5957.2	5090.5	4111.7	3313.5
17.5°	9616.4	10603.9	11291.4	11406.1	11291.4	10603.9	9616.4	8266.6	7017.1	5609.8	4371.4
15°	13229.7	14843.8	16012.0	16108.4	16012.0	14843.8	13229.7	11248.7	9331.1	7441.0	5580.1
12.5°	18136.0	21382.5	23501.2	24434.0	23501.2	21382.5	18136.0	15033.6	11943.0	9321.4	6997.3
10°	24926.2	32383.1	37158.6	38953.8	37158.6	32383.1	24926.2	19903.7	15117.7	11345.7	8346.5
7.5°	36267.8	47975.2	60990.9	66538.3	60990.9	47975.2	36267.8	25184.3	18615.9	13635.1	9824.0
5°	49111.3	73408.9	96520.4	105545.3	96520.4	73408.9	49111.3	33637.0	22514.2	15469.7	10871.9
2.5°	62625.9	96493.3	128229.7	140641.1	128229.7	96493.3	62625.9	39073.6	24923.4	16658.7	11664.3
0°	67903.6	106601.0	141518.6	155435.7	141518.6	106601.0	67903.6	40029.5	25486.3	17190.7	12025.5
-2.5°	62625.9	96493.3	128229.7	140641.1	128229.7	96493.3	62625.9	39073.6	24923.4	16658.7	11664.3
-5°	49111.3	73408.9	96520.4	105545.3	96520.4	73408.9	49111.3	33637.0	22514.2	15469.7	10871.9
-7.5°	36267.8	47975.2	60990.9	66538.3	60990.9	47975.2	36267.8	25184.3	18615.9	13635.1	9824.0
-10°	24926.2	32383.1	37158.6	38953.8	37158.6	32383.1	24926.2	19903.7	15117.7	11345.7	8346.5
-12.5°	18136.0	21382.5	23501.2	24434.0	23501.2	21382.5	18136.0	15033.6	11943.0	9321.4	6997.3
-15°	13229.7	14843.8	16012.0	16108.4	16012.0	14843.8	13229.7	11248.7	9331.1	7441.0	5580.1
-17.5°	9616.4	10603.9	11291.4	11406.1	11291.4	10603.9	9616.4	8266.6	7017.1	5609.8	4371.4
-20°	6836.1	7458.9	7903.7	7962.6	7903.7	7458.9	6836.1	5957.2	5090.5	4111.7	3313.5



REPORT NUMBER: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4715.1	5124.3	5395.1	5361.7	5395.1	5124.3	4715.1	4149.4	3559.3	2966.1	2407.4
-25°	3168.8	3410.4	3565.0	3526.7	3565.0	3410.4	3168.8	2842.5	2452.2	2119.4	1740.6
-27.5°	2152.3	2284.7	2361.2	2351.2	2361.2	2284.7	2152.3	1972.0	1721.0	1542.9	1327.6
-30°	1521.5	1594.7	1631.6	1621.8	1631.6	1594.7	1521.5	1418.4	1281.7	1168.4	1051.3
-32.5°	1126.7	1168.5	1191.7	1188.9	1191.7	1168.5	1126.7	1071.7	999.1	927.0	861.0
-35°	885.0	905.9	917.1	922.5	917.1	905.9	885.0	854.8	815.2	769.8	728.5
-37.5°	729.9	740.4	745.4	746.0	745.4	740.4	729.9	713.5	690.0	659.3	633.3
-40°	624.9	629.2	630.0	629.4	630.0	629.2	624.9	615.5	600.4	581.3	563.3
-42.5°	549.0	552.8	553.9	552.8	553.9	552.8	549.0	542.0	532.9	521.7	509.8
-45°	491.2	493.6	494.2	492.9	494.2	493.6	491.2	487.2	482.0	474.3	464.2
-47.5°	448.5	448.7	447.9	446.3	447.9	448.7	448.5	446.6	442.7	437.0	430.0
-50°	414.5	415.1	414.6	412.9	414.6	415.1	414.5	412.9	410.1	406.4	401.6
-52.5°	386.3	385.8	385.9	386.3	385.9	385.8	386.3	386.0	385.0	382.8	379.6
-55°	366.3	365.8	364.7	363.0	364.7	365.8	366.3	366.2	365.5	363.2	360.3
-57.5°	346.0	345.6	344.6	343.0	344.6	345.6	346.0	345.7	344.8	342.8	340.5
-60°	322.4	322.2	321.3	319.7	321.3	322.2	322.4	322.0	321.0	319.2	316.9
-62.5°	295.3	295.3	294.6	293.1	294.6	295.3	295.3	294.5	293.0	291.0	288.6
-65°	262.5	262.2	262.8	263.1	262.8	262.2	262.5	262.2	261.3	260.0	257.8
-67.5°	232.7	232.3	231.3	229.8	231.3	232.3	232.7	232.4	231.4	229.4	226.5
-70°	201.8	202.2	201.3	199.8	201.3	202.2	201.8	201.0	199.9	198.3	196.1
-72.5°	169.9	169.1	169.6	169.8	169.6	169.1	169.9	170.2	170.1	169.4	167.6
-75°	140.1	139.3	139.7	139.9	139.7	139.3	140.1	140.6	140.8	140.4	139.1
-77.5°	110.4	109.4	108.1	106.6	108.1	109.4	110.4	111.0	111.2	111.0	109.7
-80°	79.9	79.5	78.2	76.6	78.2	79.5	79.9	80.0	80.0	79.7	79.0
-82.5°	53.5	53.0	53.2	53.3	53.2	53.0	53.5	53.9	54.1	54.2	53.3
-85°	30.5	29.9	30.0	30.0	30.0	29.9	30.5	31.1	31.5	31.9	31.4
-87.5°	10.7	10.0	10.0	10.0	10.0	10.0	10.7	11.5	12.2	12.8	12.7
-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: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.5	12.3	12.1	11.8	11.5	11.2	10.9	10.6	10.2	9.8	9.4
85°	30.9	30.2	29.5	28.8	27.9	27.0	26.0	24.5	23.0	21.6	20.2
82.5°	52.4	51.3	50.0	48.7	47.2	45.6	43.9	41.5	39.0	36.1	33.2
80°	78.1	76.9	75.2	72.4	69.6	66.7	63.8	61.1	58.1	55.1	51.9
77.5°	108.2	106.4	103.8	99.4	94.8	90.2	85.8	82.1	78.4	74.6	70.5
75°	137.3	135.3	132.4	127.6	122.1	115.8	110.1	105.4	100.5	95.3	89.8
72.5°	165.4	162.9	159.8	155.7	151.1	145.5	138.4	131.0	123.8	117.0	110.5
70°	193.5	190.4	187.2	183.2	178.6	173.2	166.3	157.8	148.2	138.9	131.9
67.5°	223.0	218.9	215.5	212.1	207.9	202.4	194.5	185.7	176.3	165.5	155.5
65°	254.5	250.0	245.6	241.5	236.9	231.6	223.4	213.8	203.5	192.8	181.5
62.5°	285.9	282.7	277.8	271.9	265.7	259.0	251.4	242.0	230.9	218.4	206.0
60°	313.8	310.0	304.4	298.6	292.7	285.2	275.4	266.8	259.4	245.2	230.3
57.5°	337.9	333.5	326.8	320.5	314.7	305.9	296.0	286.2	276.6	266.8	254.0
55°	356.9	352.2	346.2	339.1	331.2	323.1	313.9	303.5	293.3	284.3	272.5
52.5°	375.3	370.7	364.9	358.0	349.6	340.1	330.1	319.7	310.2	300.9	290.3
50°	396.6	390.8	384.3	377.1	368.0	357.8	347.1	335.9	326.1	316.6	306.6
47.5°	422.9	414.5	405.1	396.6	386.5	375.2	363.8	352.5	341.8	330.7	320.6
45°	454.4	442.9	430.6	419.1	406.1	393.8	380.6	368.9	357.4	345.4	332.9
42.5°	494.4	477.1	461.1	445.3	429.1	414.3	399.3	385.6	372.6	359.8	346.4
40°	543.3	520.0	498.9	475.7	455.8	436.5	419.3	402.3	387.8	373.9	359.1
37.5°	603.4	573.1	544.2	514.0	487.5	462.2	440.7	421.0	402.3	387.1	371.4
35°	680.5	639.0	597.6	560.1	524.2	493.1	464.4	440.7	419.3	399.7	383.3
32.5°	784.6	725.8	663.0	614.8	567.4	526.5	492.3	462.2	436.5	414.3	394.7
30°	937.7	841.3	754.8	678.2	618.6	565.8	521.1	486.3	455.8	429.1	406.1
27.5°	1157.1	991.3	874.5	761.7	674.6	610.7	556.8	511.1	475.3	445.3	418.9
25°	1468.0	1216.6	1013.7	866.6	748.1	657.3	593.8	540.9	497.0	460.9	429.1
22.5°	1894.3	1513.6	1202.2	979.0	832.8	719.9	634.1	570.3	516.8	474.6	440.0
20°	2521.4	1867.7	1446.1	1139.9	927.9	779.8	676.1	601.0	539.2	488.8	449.5
17.5°	3265.6	2358.8	1713.0	1304.3	1039.2	856.8	724.7	629.2	559.5	501.2	457.3
15°	4058.8	2915.3	2085.9	1523.9	1153.0	922.8	765.2	654.2	578.9	514.8	466.9
12.5°	5071.8	3515.3	2413.0	1707.1	1264.9	994.5	812.3	685.9	597.9	529.5	476.9
10°	6030.0	4141.0	2811.1	1948.4	1401.1	1064.9	854.1	710.3	612.6	541.2	485.0
7.5°	6935.4	4742.6	3155.3	2132.1	1506.2	1121.0	885.0	728.0	623.1	549.4	491.2
5°	7598.9	5190.3	3424.7	2273.9	1580.6	1161.5	905.1	738.9	629.4	554.2	495.5
2.5°	8103.8	5486.9	3588.5	2357.0	1623.1	1185.5	917.1	747.2	635.4	558.1	500.1
0°	8335.6	5601.5	3643.3	2401.1	1648.5	1192.2	922.5	752.6	639.4	559.5	502.9
-2.5°	8103.8	5486.9	3588.5	2357.0	1623.1	1185.5	917.1	747.2	635.4	558.1	500.1
-5°	7598.9	5190.3	3424.7	2273.9	1580.6	1161.5	905.1	738.9	629.4	554.2	495.5
-7.5°	6935.4	4742.6	3155.3	2132.1	1506.2	1121.0	885.0	728.0	623.1	549.4	491.2
-10°	6030.0	4141.0	2811.1	1948.4	1401.1	1064.9	854.1	710.3	612.6	541.2	485.0
-12.5°	5071.8	3515.3	2413.0	1707.1	1264.9	994.5	812.3	685.9	597.9	529.5	476.9
-15°	4058.8	2915.3	2085.9	1523.9	1153.0	922.8	765.2	654.2	578.9	514.8	466.9
-17.5°	3265.6	2358.8	1713.0	1304.3	1039.2	856.8	724.7	629.2	559.5	501.2	457.3
-20°	2521.4	1867.7	1446.1	1139.9	927.9	779.8	676.1	601.0	539.2	488.8	449.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1894.3	1513.6	1202.2	979.0	832.8	719.9	634.1	570.3	516.8	474.6	440.0
-25°	1468.0	1216.6	1013.7	866.6	748.1	657.3	593.8	540.9	497.0	460.9	429.1
-27.5°	1157.1	991.3	874.5	761.7	674.6	610.7	556.8	511.1	475.3	445.3	418.9
-30°	937.7	841.3	754.8	678.2	618.6	565.8	521.1	486.3	455.8	429.1	406.1
-32.5°	784.6	725.8	663.0	614.8	567.4	526.5	492.3	462.2	436.5	414.3	394.7
-35°	680.5	639.0	597.6	560.1	524.2	493.1	464.4	440.7	419.3	399.7	383.3
-37.5°	603.4	573.1	544.2	514.0	487.5	462.2	440.7	421.0	402.3	387.1	371.4
-40°	543.3	520.0	498.9	475.7	455.8	436.5	419.3	402.3	387.8	373.9	359.1
-42.5°	494.4	477.1	461.1	445.3	429.1	414.3	399.3	385.6	372.6	359.8	346.4
-45°	454.4	442.9	430.6	419.1	406.1	393.8	380.6	368.9	357.4	345.4	332.9
-47.5°	422.9	414.5	405.1	396.6	386.5	375.2	363.8	352.5	341.8	330.7	320.6
-50°	396.6	390.8	384.3	377.1	368.0	357.8	347.1	335.9	326.1	316.6	306.6
-52.5°	375.3	370.7	364.9	358.0	349.6	340.1	330.1	319.7	310.2	300.9	290.3
-55°	356.9	352.2	346.2	339.1	331.2	323.1	313.9	303.5	293.3	284.3	272.5
-57.5°	337.9	333.5	326.8	320.5	314.7	305.9	296.0	286.2	276.6	266.8	254.0
-60°	313.8	310.0	304.4	298.6	292.7	285.2	275.4	266.8	259.4	245.2	230.3
-62.5°	285.9	282.7	277.8	271.9	265.7	259.0	251.4	242.0	230.9	218.4	206.0
-65°	254.5	250.0	245.6	241.5	236.9	231.6	223.4	213.8	203.5	192.8	181.5
-67.5°	223.0	218.9	215.5	212.1	207.9	202.4	194.5	185.7	176.3	165.5	155.5
-70°	193.5	190.4	187.2	183.2	178.6	173.2	166.3	157.8	148.2	138.9	131.9
-72.5°	165.4	162.9	159.8	155.7	151.1	145.5	138.4	131.0	123.8	117.0	110.5
-75°	137.3	135.3	132.4	127.6	122.1	115.8	110.1	105.4	100.5	95.3	89.8
-77.5°	108.2	106.4	103.8	99.4	94.8	90.2	85.8	82.1	78.4	74.6	70.5
-80°	78.1	76.9	75.2	72.4	69.6	66.7	63.8	61.1	58.1	55.1	51.9
-82.5°	52.4	51.3	50.0	48.7	47.2	45.6	43.9	41.5	39.0	36.1	33.2
-85°	30.9	30.2	29.5	28.8	27.9	27.0	26.0	24.5	23.0	21.6	20.2
-87.5°	12.5	12.3	12.1	11.8	11.5	11.2	10.9	10.6	10.2	9.8	9.4
-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: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.0	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
85°	19.5	18.5	17.5	16.2	14.8	13.3	12.3	11.2	10.2	9.1	8.0
82.5°	31.5	30.3	29.1	27.6	25.5	23.2	20.9	18.6	16.2	13.8	12.0
80°	48.8	45.8	42.9	40.0	36.6	33.1	30.1	27.0	23.8	20.5	17.2
77.5°	66.3	61.9	57.4	53.2	48.9	44.6	40.2	35.6	31.3	27.3	23.2
75°	84.1	78.8	73.3	67.7	61.9	56.0	50.7	45.2	39.7	34.0	29.0
72.5°	103.9	97.0	89.9	82.6	75.8	68.9	61.7	54.7	48.3	41.7	35.1
70°	124.5	116.0	107.4	99.3	90.7	81.7	73.5	65.3	56.8	49.3	41.7
67.5°	146.2	137.4	127.4	116.5	106.8	96.6	85.7	75.9	66.4	56.8	48.3
65°	169.9	159.0	148.6	136.0	123.6	111.8	99.9	87.1	75.9	65.3	54.7
62.5°	193.1	180.0	167.4	154.5	141.1	127.4	114.0	99.6	85.6	73.5	61.7
60°	216.0	201.5	185.9	171.2	157.2	142.8	127.6	111.7	96.3	81.7	68.9
57.5°	237.8	222.5	204.9	187.7	172.0	157.0	140.7	123.4	106.7	90.5	75.8
55°	258.1	241.1	222.8	204.1	186.4	169.9	153.0	134.7	116.7	99.3	82.4
52.5°	276.8	259.0	239.5	219.7	200.3	182.3	164.5	145.6	126.4	107.7	89.5
50°	294.2	276.8	256.0	234.8	213.5	194.6	175.8	156.0	135.6	115.8	96.5
47.5°	309.3	292.7	272.7	249.7	227.1	206.6	187.0	166.2	144.3	123.5	103.3
45°	321.6	307.5	288.2	265.1	240.8	219.2	197.9	176.1	153.3	131.0	109.7
42.5°	333.0	319.9	302.5	280.1	255.0	231.5	208.6	185.8	162.0	138.1	115.9
40°	344.7	330.8	315.7	293.3	268.2	243.4	219.3	195.3	170.4	145.1	121.8
37.5°	355.5	341.1	325.9	305.5	280.2	254.6	229.6	204.4	178.3	152.0	127.5
35°	366.6	350.4	334.7	315.0	290.5	264.7	239.4	213.2	185.6	158.5	132.8
32.5°	377.1	359.1	342.1	322.9	300.0	273.8	248.2	220.8	192.6	164.5	137.7
30°	386.8	367.1	349.2	330.4	308.1	281.8	255.6	227.7	199.0	169.9	142.4
27.5°	394.5	373.8	355.9	336.8	314.6	289.0	262.1	234.0	204.9	175.0	146.8
25°	402.2	380.1	361.3	342.7	320.6	296.3	268.1	239.5	210.1	179.7	150.8
22.5°	410.7	385.8	365.6	348.3	326.8	303.2	273.9	244.3	214.6	184.0	154.3
20°	418.2	390.8	368.8	352.7	331.7	308.4	279.3	248.7	218.5	187.8	157.4
17.5°	424.8	396.1	372.9	355.3	335.6	312.9	284.4	252.5	221.8	191.1	160.1
15°	431.8	401.7	376.6	357.5	338.7	316.6	289.0	255.8	224.4	193.9	162.4
12.5°	437.9	406.3	379.6	359.1	341.0	319.6	293.0	258.6	226.5	196.3	164.6
10°	443.1	409.8	381.8	360.2	342.7	321.9	296.5	261.2	228.7	198.1	166.4
7.5°	447.1	412.2	383.3	360.9	343.8	323.8	299.4	264.3	230.6	199.3	167.8
5°	450.0	414.1	385.5	362.9	345.2	325.2	301.5	266.7	231.9	200.0	168.9
2.5°	452.2	415.8	387.9	364.9	346.0	326.1	302.7	268.6	232.8	200.2	169.6
0°	452.9	416.3	389.6	366.3	346.3	326.4	303.1	269.7	233.1	199.8	169.8
-2.5°	452.2	415.8	387.9	364.9	346.0	326.1	302.7	268.6	232.8	200.2	169.6
-5°	450.0	414.1	385.5	362.9	345.2	325.2	301.5	266.7	231.9	200.0	168.9
-7.5°	447.1	412.2	383.3	360.9	343.8	323.8	299.4	264.3	230.6	199.3	167.8
-10°	443.1	409.8	381.8	360.2	342.7	321.9	296.5	261.2	228.7	198.1	166.4
-12.5°	437.9	406.3	379.6	359.1	341.0	319.6	293.0	258.6	226.5	196.3	164.6
-15°	431.8	401.7	376.6	357.5	338.7	316.6	289.0	255.8	224.4	193.9	162.4
-17.5°	424.8	396.1	372.9	355.3	335.6	312.9	284.4	252.5	221.8	191.1	160.1
-20°	418.2	390.8	368.8	352.7	331.7	308.4	279.3	248.7	218.5	187.8	157.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627189 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	410.7	385.8	365.6	348.3	326.8	303.2	273.9	244.3	214.6	184.0	154.3
-25°	402.2	380.1	361.3	342.7	320.6	296.3	268.1	239.5	210.1	179.7	150.8
-27.5°	394.5	373.8	355.9	336.8	314.6	289.0	262.1	234.0	204.9	175.0	146.8
-30°	386.8	367.1	349.2	330.4	308.1	281.8	255.6	227.7	199.0	169.9	142.4
-32.5°	377.1	359.1	342.1	322.9	300.0	273.8	248.2	220.8	192.6	164.5	137.7
-35°	366.6	350.4	334.7	315.0	290.5	264.7	239.4	213.2	185.6	158.5	132.8
-37.5°	355.5	341.1	325.9	305.5	280.2	254.6	229.6	204.4	178.3	152.0	127.5
-40°	344.7	330.8	315.7	293.3	268.2	243.4	219.3	195.3	170.4	145.1	121.8
-42.5°	333.0	319.9	302.5	280.1	255.0	231.5	208.6	185.8	162.0	138.1	115.9
-45°	321.6	307.5	288.2	265.1	240.8	219.2	197.9	176.1	153.3	131.0	109.7
-47.5°	309.3	292.7	272.7	249.7	227.1	206.6	187.0	166.2	144.3	123.5	103.3
-50°	294.2	276.8	256.0	234.8	213.5	194.6	175.8	156.0	135.6	115.8	96.5
-52.5°	276.8	259.0	239.5	219.7	200.3	182.3	164.5	145.6	126.4	107.7	89.5
-55°	258.1	241.1	222.8	204.1	186.4	169.9	153.0	134.7	116.7	99.3	82.4
-57.5°	237.8	222.5	204.9	187.7	172.0	157.0	140.7	123.4	106.7	90.5	75.8
-60°	216.0	201.5	185.9	171.2	157.2	142.8	127.6	111.7	96.3	81.7	68.9
-62.5°	193.1	180.0	167.4	154.5	141.1	127.4	114.0	99.6	85.6	73.5	61.7
-65°	169.9	159.0	148.6	136.0	123.6	111.8	99.9	87.1	75.9	65.3	54.7
-67.5°	146.2	137.4	127.4	116.5	106.8	96.6	85.7	75.9	66.4	56.8	48.3
-70°	124.5	116.0	107.4	99.3	90.7	81.7	73.5	65.3	56.8	49.3	41.7
-72.5°	103.9	97.0	89.9	82.6	75.8	68.9	61.7	54.7	48.3	41.7	35.1
-75°	84.1	78.8	73.3	67.7	61.9	56.0	50.7	45.2	39.7	34.0	29.0
-77.5°	66.3	61.9	57.4	53.2	48.9	44.6	40.2	35.6	31.3	27.3	23.2
-80°	48.8	45.8	42.9	40.0	36.6	33.1	30.1	27.0	23.8	20.5	17.2
-82.5°	31.5	30.3	29.1	27.6	25.5	23.2	20.9	18.6	16.2	13.8	12.0
-85°	19.5	18.5	17.5	16.2	14.8	13.3	12.3	11.2	10.2	9.1	8.0
-87.5°	9.0	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
-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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CATALOG NUMBER: GFLD-SA3D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	2.9	2.3	1.7	1.2	0.5	0.0
85°	6.9	5.8	4.6	3.5	2.3	1.0	0.0
82.5°	10.3	8.6	6.9	5.2	3.5	1.5	0.0
80°	13.9	11.5	9.2	6.9	4.6	2.0	0.0
77.5°	19.0	14.7	11.5	8.6	5.7	2.5	0.0
75°	23.9	18.7	13.9	10.3	6.8	3.0	0.0
72.5°	28.8	22.7	16.9	12.0	7.9	3.5	0.0
70°	33.7	26.5	19.9	13.7	9.0	3.9	0.0
67.5°	39.3	30.3	22.8	15.8	10.0	4.4	0.0
65°	44.8	34.4	25.6	17.9	11.0	4.9	0.0
62.5°	50.1	38.9	28.4	19.9	11.9	5.3	0.0
60°	55.4	43.2	31.1	21.8	12.8	5.7	0.0
57.5°	61.1	47.5	34.4	23.7	14.1	6.1	0.0
55°	66.8	51.6	37.7	25.6	15.2	6.5	0.0
52.5°	72.3	55.7	40.9	27.3	16.4	6.9	0.0
50°	77.6	60.1	44.0	29.0	17.5	7.2	0.0
47.5°	82.8	64.4	47.0	30.7	18.6	7.6	0.0
45°	88.4	68.5	49.8	32.9	19.6	7.9	0.0
42.5°	93.7	72.4	52.5	34.9	20.6	8.2	0.0
40°	98.7	76.1	55.3	36.9	21.6	8.5	0.0
37.5°	103.5	79.6	58.1	38.8	22.6	8.7	0.0
35°	108.0	83.2	60.8	40.6	23.4	9.0	0.0
32.5°	112.3	86.7	63.2	42.3	24.3	9.2	0.0
30°	116.2	90.0	65.5	43.9	25.1	9.4	0.0
27.5°	119.8	93.0	67.8	45.4	25.8	9.5	0.0
25°	123.2	95.8	69.8	46.7	26.5	9.7	0.0
22.5°	126.2	98.3	71.7	48.0	27.1	9.8	0.0
20°	128.9	100.4	73.4	49.1	27.7	9.9	0.0
17.5°	131.1	102.3	74.9	50.0	28.2	10.0	0.0
15°	132.9	103.8	76.2	50.9	28.7	10.1	0.0
12.5°	134.4	105.0	77.4	51.6	29.1	10.1	0.0
10°	135.5	105.9	78.3	52.2	29.4	10.1	0.0
7.5°	136.3	106.5	79.0	52.7	29.7	10.1	0.0
5°	136.7	106.8	79.5	53.0	29.8	10.1	0.0
2.5°	136.8	106.8	79.8	53.2	30.0	10.1	0.0
0°	136.5	106.6	79.9	53.3	30.0	10.0	0.0
-2.5°	136.8	106.8	79.8	53.2	30.0	10.1	0.0
-5°	136.7	106.8	79.5	53.0	29.8	10.1	0.0
-7.5°	136.3	106.5	79.0	52.7	29.7	10.1	0.0
-10°	135.5	105.9	78.3	52.2	29.4	10.1	0.0
-12.5°	134.4	105.0	77.4	51.6	29.1	10.1	0.0
-15°	132.9	103.8	76.2	50.9	28.7	10.1	0.0
-17.5°	131.1	102.3	74.9	50.0	28.2	10.0	0.0
-20°	128.9	100.4	73.4	49.1	27.7	9.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	126.2	98.3	71.7	48.0	27.1	9.8	0.0
-25°	123.2	95.8	69.8	46.7	26.5	9.7	0.0
-27.5°	119.8	93.0	67.8	45.4	25.8	9.5	0.0
-30°	116.2	90.0	65.5	43.9	25.1	9.4	0.0
-32.5°	112.3	86.7	63.2	42.3	24.3	9.2	0.0
-35°	108.0	83.2	60.8	40.6	23.4	9.0	0.0
-37.5°	103.5	79.6	58.1	38.8	22.6	8.7	0.0
-40°	98.7	76.1	55.3	36.9	21.6	8.5	0.0
-42.5°	93.7	72.4	52.5	34.9	20.6	8.2	0.0
-45°	88.4	68.5	49.8	32.9	19.6	7.9	0.0
-47.5°	82.8	64.4	47.0	30.7	18.6	7.6	0.0
-50°	77.6	60.1	44.0	29.0	17.5	7.2	0.0
-52.5°	72.3	55.7	40.9	27.3	16.4	6.9	0.0
-55°	66.8	51.6	37.7	25.6	15.2	6.5	0.0
-57.5°	61.1	47.5	34.4	23.7	14.1	6.1	0.0
-60°	55.4	43.2	31.1	21.8	12.8	5.7	0.0
-62.5°	50.1	38.9	28.4	19.9	11.9	5.3	0.0
-65°	44.8	34.4	25.6	17.9	11.0	4.9	0.0
-67.5°	39.3	30.3	22.8	15.8	10.0	4.4	0.0
-70°	33.7	26.5	19.9	13.7	9.0	3.9	0.0
-72.5°	28.8	22.7	16.9	12.0	7.9	3.5	0.0
-75°	23.9	18.7	13.9	10.3	6.8	3.0	0.0
-77.5°	19.0	14.7	11.5	8.6	5.7	2.5	0.0
-80°	13.9	11.5	9.2	6.9	4.6	2.0	0.0
-82.5°	10.3	8.6	6.9	5.2	3.5	1.5	0.0
-85°	6.9	5.8	4.6	3.5	2.3	1.0	0.0
-87.5°	3.4	2.9	2.3	1.7	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)