

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: LUMARK

Report Number: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **LSF25-XX-PC-15W-7050**

Issue Date: 10/4/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (2022-09-29)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 10/4/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: LSF25-XX-PC-15W-7050  
Description: Flood light with selectable wattage and CCT  
Light Source: (1) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

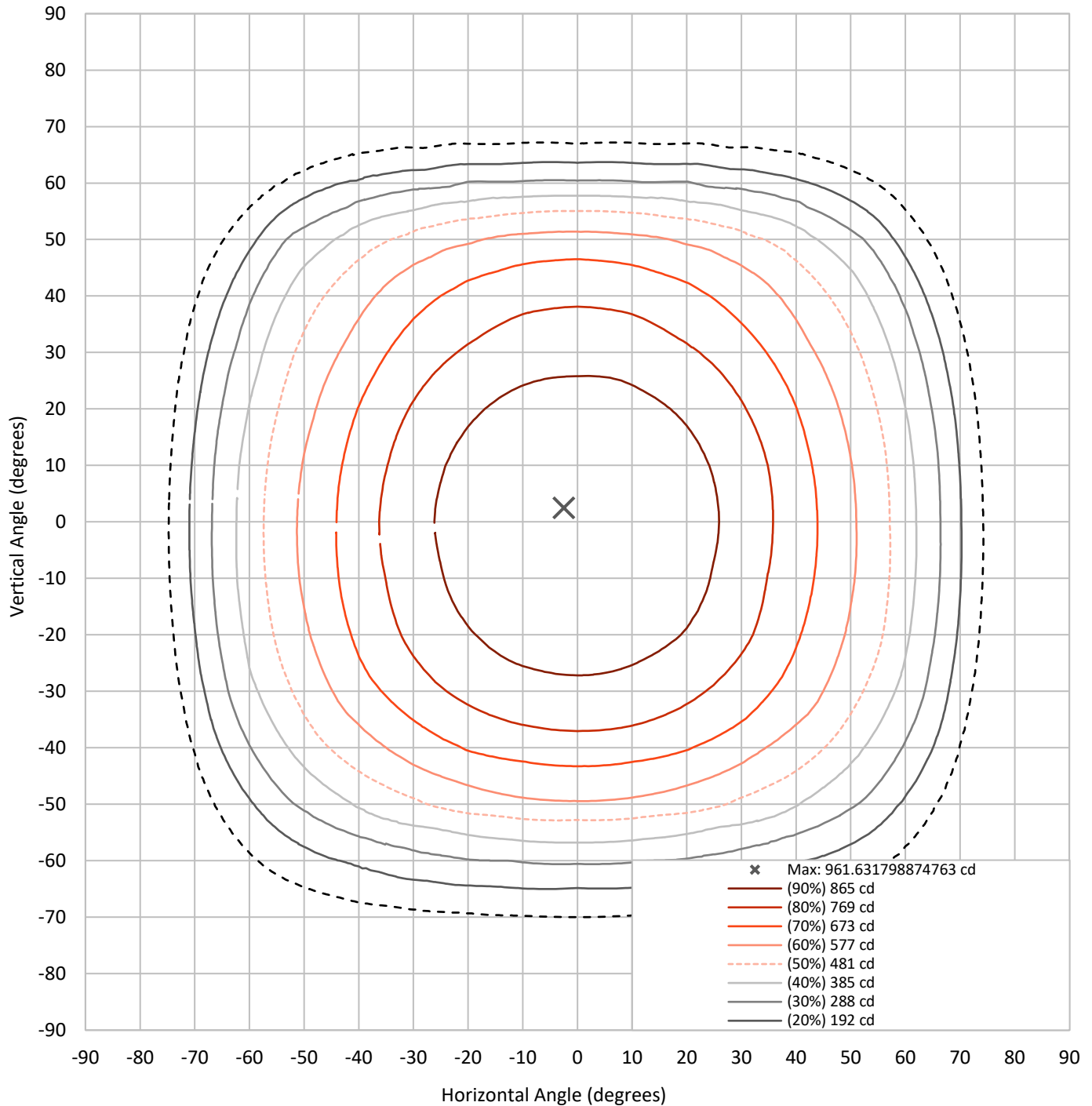
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2544.2 lumens	Max Intensity:	961.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	157.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.08m x L: 0.16m x H: 0m)		
Beam Angle (50%):	114.6°H x 108.1°V	Field Angle (10%):	148.8°H x 137°V
Beam Lumens:	2072.9 lumens	Field Lumens:	2508.8 lumens
Beam Efficiency:	81.5%	Field Efficiency:	98.6%
Input Watts (W):	16.2		
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		



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: LSF25-XX-PC-15W-7050

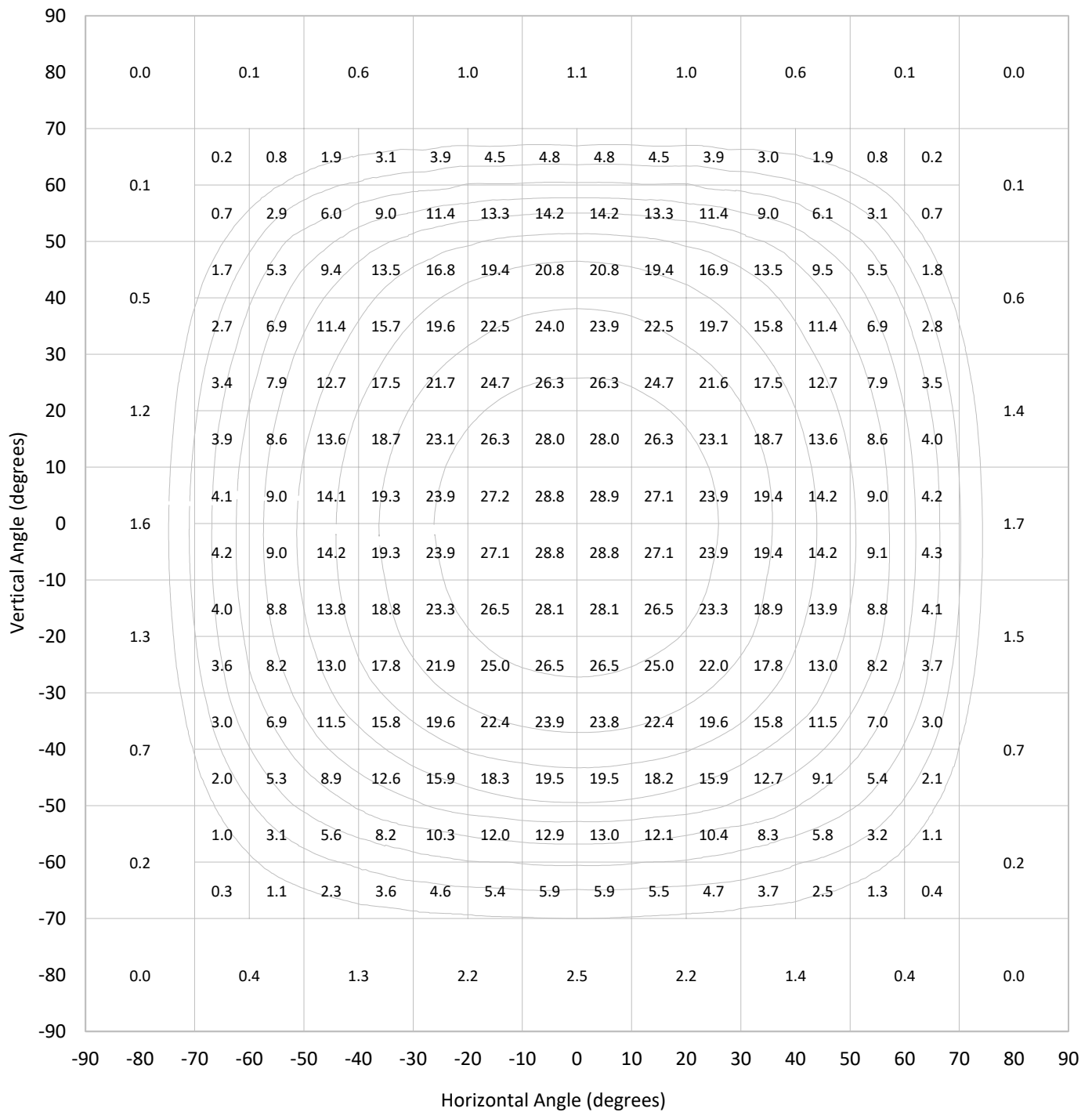
### Iso-Candela Plot





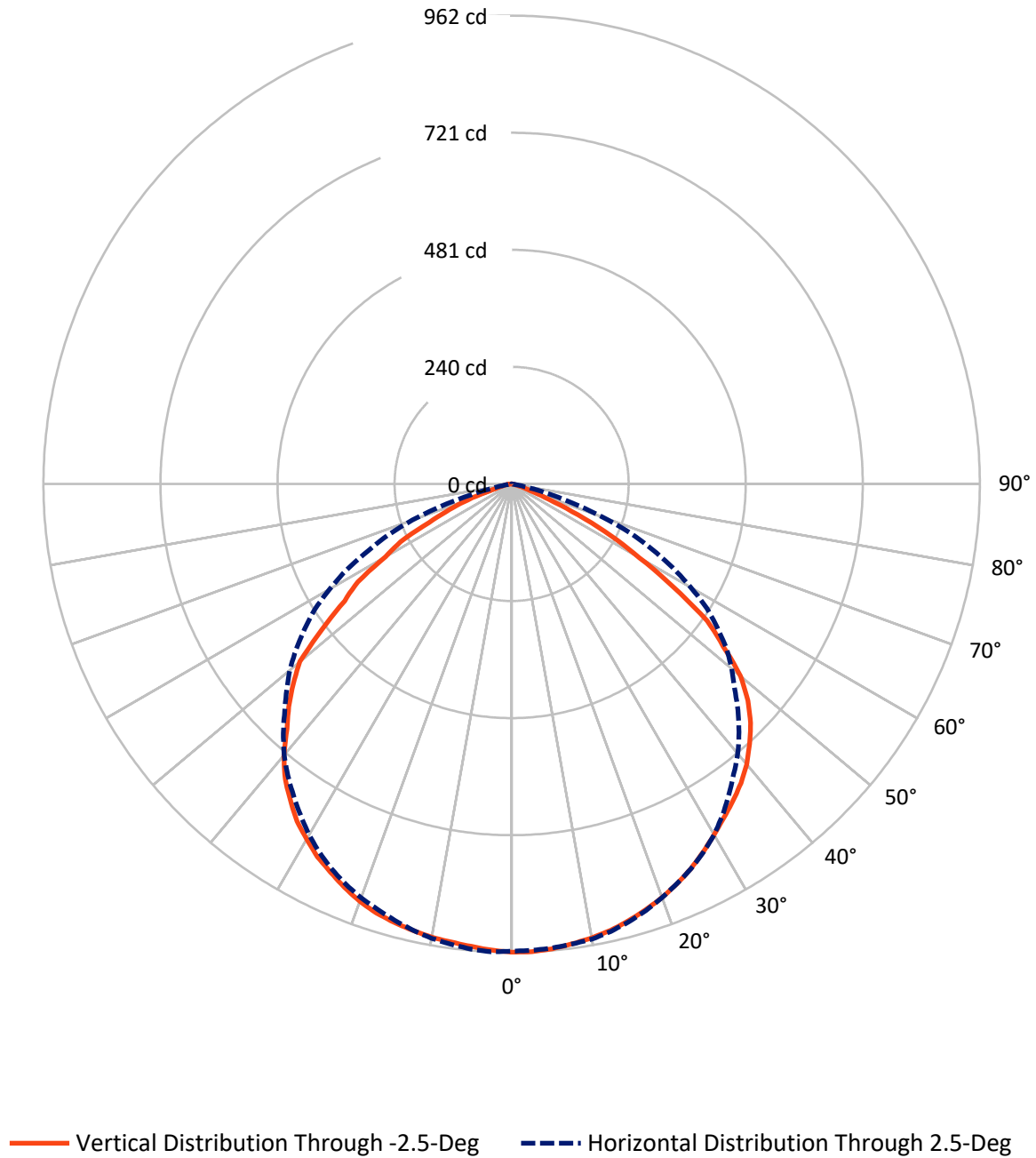
REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-15W-7050

### Lumen Table



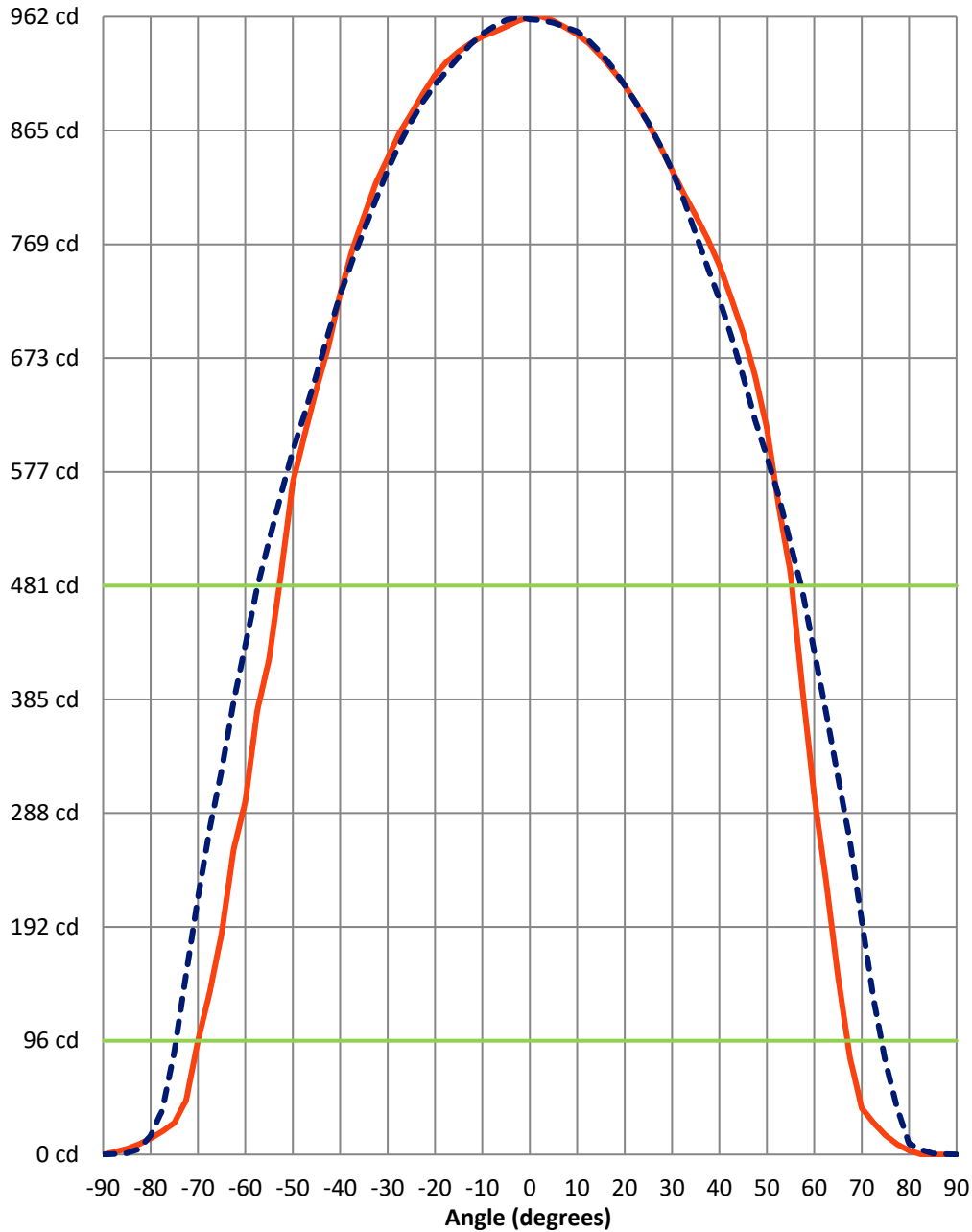
REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: LSF25-XX-PC-15W-7050

### Luminous Intensity Polar Plot



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-15W-7050

### Luminous Intensity Plot



**Beam:**  
 H Angle: 114.6°  
 V Angle: 108.1°  
 Lumens: 2072.9  
 Efficiency: 81.5%

**Field:**  
 H Angle: 148.8°  
 V Angle: 137°  
 Lumens: 2508.8  
 Efficiency: 98.6%

**Spill:**  
 Lumens: 35.4  
 Efficiency: 1.4%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through 2.5-Deg



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7050

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	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
80°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6
75°	0.0	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.7	0.9	1.3
72.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.6	0.8	1.2	1.8	2.7
70°	0.0	0.2	0.3	0.4	0.4	0.5	0.8	1.3	2.1	3.3	4.8
67.5°	0.0	0.3	0.4	0.4	0.5	0.7	1.2	2.1	3.5	5.2	7.0
65°	0.0	0.3	0.4	0.4	0.6	1.0	1.8	3.2	5.2	7.3	9.6
62.5°	0.0	0.3	0.4	0.5	0.8	1.4	2.5	4.6	6.9	9.6	12.9
60°	0.0	0.3	0.4	0.5	0.9	1.9	3.6	6.1	8.9	12.4	18.7
57.5°	0.0	0.3	0.4	0.6	1.2	2.5	4.8	7.7	11.3	15.5	33.6
55°	0.0	0.3	0.4	0.7	1.5	3.2	6.0	9.6	13.8	28.1	51.4
52.5°	0.0	0.3	0.5	0.8	1.9	4.1	7.3	12.0	16.7	43.6	69.1
50°	0.0	0.3	0.5	0.9	2.3	5.0	9.4	14.5	30.6	59.6	92.6
47.5°	0.0	0.4	0.5	1.1	2.8	5.9	11.6	17.4	44.6	75.3	113.5
45°	0.0	0.4	0.5	1.3	3.2	6.9	14.0	24.5	58.0	96.2	134.2
42.5°	0.0	0.4	0.6	1.5	3.9	8.3	16.5	34.9	70.9	115.2	155.9
40°	0.0	0.4	0.6	1.7	4.4	10.2	19.3	45.1	85.0	132.7	177.4
37.5°	0.0	0.4	0.6	1.9	5.0	12.2	22.0	55.0	101.1	149.2	196.5
35°	0.0	0.4	0.7	2.2	5.6	14.3	27.4	64.9	115.5	164.5	213.5
32.5°	0.0	0.4	0.7	2.4	6.2	16.3	33.9	74.8	128.1	178.7	229.6
30°	0.0	0.4	0.8	2.7	6.7	18.4	39.7	84.8	140.2	192.7	246.4
27.5°	0.0	0.4	0.9	2.9	7.3	20.5	45.9	95.9	151.5	206.1	262.1
25°	0.0	0.4	0.9	3.1	8.0	22.5	51.8	106.2	161.9	218.1	272.6
22.5°	0.0	0.4	1.0	3.3	9.2	24.5	57.1	115.1	171.3	228.7	282.2
20°	0.0	0.4	1.0	3.5	10.4	26.4	62.3	122.6	179.8	238.6	291.9
17.5°	0.0	0.4	1.0	3.7	11.5	28.2	67.6	129.2	187.5	248.0	300.3
15°	0.0	0.4	1.1	3.9	12.5	30.3	72.4	135.1	194.9	256.2	307.2
12.5°	0.0	0.4	1.1	4.1	13.4	32.6	76.6	140.2	201.3	263.2	312.6
10°	0.0	0.4	1.1	4.3	14.3	34.4	80.1	144.5	206.8	268.0	317.1
7.5°	0.0	0.4	1.2	4.4	14.9	35.9	83.0	147.9	211.3	271.5	320.7
5°	0.0	0.4	1.2	4.5	15.5	37.0	85.2	150.5	214.7	274.1	323.2
2.5°	0.0	0.4	1.2	4.5	15.9	37.9	86.7	152.3	217.0	275.8	324.9
0°	0.0	0.4	1.2	4.5	16.2	38.4	87.5	153.1	218.2	276.7	325.5
-2.5°	0.0	0.5	1.2	4.6	16.3	38.8	87.5	153.2	218.4	277.3	326.3
-5°	0.0	0.5	1.2	4.6	16.2	38.9	86.9	152.4	217.5	277.1	326.0
-7.5°	0.0	0.5	1.2	4.5	16.0	38.7	85.5	150.7	215.4	275.9	324.7
-10°	0.0	0.5	1.2	4.5	15.6	38.2	83.5	148.2	212.2	273.9	322.4
-12.5°	0.0	0.5	1.2	4.4	15.0	37.3	80.8	144.8	207.8	270.7	319.1
-15°	0.0	0.5	1.2	4.3	14.3	36.2	77.6	140.6	202.3	265.9	314.6
-17.5°	0.0	0.5	1.2	4.1	13.5	34.9	73.8	135.5	195.7	260.2	309.5
-20°	0.0	0.5	1.2	4.0	12.5	33.4	69.5	129.5	188.9	253.7	303.6

Classified

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

Scaled Data Report



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7050

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.4	1.1	3.8	11.4	31.6	65.4	122.7	181.2	245.0	296.9
-25°	0.0	0.4	1.1	3.6	10.2	29.4	61.1	114.6	172.6	234.6	288.7
-27.5°	0.0	0.4	1.1	3.5	9.3	27.0	56.3	105.5	163.0	222.6	279.6
-30°	0.0	0.4	1.0	3.3	8.6	24.8	51.3	95.6	152.4	209.0	268.5
-32.5°	0.0	0.4	0.9	3.0	7.8	22.7	47.2	87.0	140.9	194.9	255.8
-35°	0.0	0.4	0.9	2.8	6.9	20.5	42.5	78.7	128.5	181.1	238.3
-37.5°	0.0	0.4	0.8	2.6	6.0	18.1	37.7	70.3	115.1	166.2	217.0
-40°	0.0	0.4	0.8	2.4	5.5	15.6	32.8	62.0	100.7	150.3	195.8
-42.5°	0.0	0.4	0.8	2.1	5.0	12.9	27.5	53.7	88.7	132.5	176.0
-45°	0.0	0.4	0.7	1.9	4.5	10.7	24.2	46.1	78.0	114.2	155.5
-47.5°	0.0	0.4	0.7	1.7	4.0	8.7	20.8	38.3	66.6	95.9	134.5
-50°	0.0	0.4	0.7	1.5	3.5	6.5	17.2	30.4	54.8	82.4	113.4
-52.5°	0.0	0.4	0.6	1.3	3.0	5.7	13.5	25.2	43.8	67.8	93.7
-55°	0.0	0.4	0.6	1.2	2.6	4.9	10.2	20.9	33.5	53.9	77.7
-57.5°	0.0	0.4	0.6	1.0	2.2	4.2	6.8	16.4	25.9	41.8	60.3
-60°	0.0	0.3	0.5	0.9	1.8	3.5	5.8	11.8	20.6	29.5	46.7
-62.5°	0.0	0.3	0.5	0.8	1.6	2.9	4.8	7.3	15.4	23.0	32.9
-65°	0.0	0.3	0.5	0.7	1.3	2.3	3.9	6.0	10.3	17.3	23.9
-67.5°	0.0	0.3	0.5	0.7	1.1	1.8	3.1	4.8	7.2	11.9	17.7
-70°	0.0	0.3	0.4	0.6	0.9	1.4	2.3	3.7	5.4	7.9	12.0
-72.5°	0.0	0.2	0.4	0.5	0.8	1.1	1.8	2.8	4.1	5.7	7.9
-75°	0.0	0.2	0.4	0.5	0.7	0.9	1.3	2.1	3.0	4.2	5.6
-77.5°	0.0	0.2	0.3	0.4	0.6	0.7	1.0	1.5	2.2	3.0	4.0
-80°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	2.1	2.7
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.1	1.4	1.8
-85°	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.1
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6
-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: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7050

**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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.4	0.4	0.5	0.6	0.6	0.8	0.9	1.1	1.3	1.5	1.6
77.5°	0.8	1.0	1.3	1.7	2.3	2.8	3.4	3.9	4.4	4.9	5.3
75°	1.8	2.7	3.6	4.4	5.2	6.0	6.8	7.9	8.8	9.8	10.7
72.5°	4.0	5.2	6.3	7.3	8.9	10.4	12.0	13.9	15.4	16.9	18.2
70°	6.3	7.7	9.7	11.7	13.9	17.8	21.3	23.2	29.0	34.3	37.3
67.5°	9.0	11.4	14.1	19.6	26.8	33.8	41.8	49.4	54.3	58.1	62.3
65°	12.6	17.1	25.5	37.5	48.4	61.4	69.7	78.0	87.8	97.6	103.5
62.5°	19.3	32.1	46.9	62.7	78.0	89.1	105.0	124.9	134.7	159.0	167.0
60°	35.0	52.6	73.3	90.4	107.3	136.6	158.0	183.7	196.4	202.8	219.8
57.5°	54.3	77.9	98.8	120.8	162.5	189.2	216.9	229.3	246.0	268.6	282.7
55°	76.4	102.6	127.8	179.1	212.8	242.1	259.6	283.3	296.2	336.0	358.3
52.5°	101.3	128.6	176.7	222.5	262.5	283.8	304.4	327.5	363.9	386.5	402.8
50°	123.5	165.9	214.3	263.4	301.7	319.6	345.7	380.2	401.8	430.4	457.8
47.5°	149.6	199.5	248.3	294.6	327.5	354.5	387.2	412.4	444.5	467.5	492.8
45°	179.7	228.1	279.3	316.8	351.5	389.1	417.5	449.0	472.5	498.4	519.9
42.5°	204.7	256.4	300.5	336.4	377.7	416.1	447.2	472.5	498.6	522.4	549.3
40°	226.6	278.4	319.2	359.5	400.5	438.2	469.0	494.3	520.0	547.0	571.1
37.5°	248.3	295.7	336.4	380.5	420.5	457.6	486.1	513.8	540.4	565.6	591.9
35°	267.2	312.1	355.2	398.1	439.3	473.6	503.4	530.7	556.3	583.8	613.1
32.5°	280.0	325.2	371.8	413.9	456.3	488.5	519.0	546.2	572.0	602.3	629.7
30°	294.5	339.9	385.5	429.9	470.2	503.0	533.7	561.3	588.9	617.3	645.9
27.5°	308.2	353.1	397.6	444.7	482.3	515.8	547.3	575.5	604.6	633.2	661.2
25°	319.0	366.7	408.8	457.5	493.7	528.2	560.0	589.2	619.0	648.6	676.5
22.5°	329.6	378.2	423.2	468.4	504.2	539.8	571.2	601.2	632.5	663.2	691.0
20°	339.8	388.4	435.8	478.1	513.6	550.3	581.1	612.3	644.9	675.7	703.1
17.5°	349.0	397.8	446.5	487.3	523.9	559.6	589.5	622.4	656.3	686.9	714.4
15°	357.9	406.1	455.2	495.8	533.1	568.1	598.7	631.6	665.8	695.6	724.2
12.5°	366.0	413.6	462.6	502.9	540.5	575.7	607.1	640.5	673.9	703.6	732.4
10°	372.6	420.0	468.9	508.6	546.7	582.1	614.1	647.6	681.1	711.6	740.0
7.5°	376.9	424.9	473.5	513.1	551.6	587.4	619.7	653.0	686.9	718.1	746.7
5°	380.1	428.4	477.0	516.5	555.2	591.6	623.7	656.8	691.2	723.1	751.7
2.5°	382.2	430.6	479.3	518.7	557.7	594.7	626.3	659.0	694.1	726.6	754.9
0°	383.3	431.5	480.4	519.8	558.8	596.5	627.6	659.7	695.5	728.4	756.5
-2.5°	384.3	432.4	480.7	520.4	559.2	596.7	628.7	661.0	695.8	728.2	756.1
-5°	384.2	432.0	479.8	519.9	558.4	595.5	628.5	660.8	694.6	726.4	754.1
-7.5°	383.1	430.4	477.7	518.0	556.6	593.1	627.0	659.1	691.9	723.1	750.5
-10°	380.9	427.5	474.4	514.8	553.6	589.3	623.9	656.0	688.2	718.5	745.6
-12.5°	376.4	423.2	470.1	510.2	549.5	584.0	619.4	651.8	683.5	712.7	739.9
-15°	370.5	417.9	464.9	504.6	544.5	577.5	612.9	646.3	677.5	706.1	733.3
-17.5°	363.9	412.2	458.6	497.9	537.0	570.5	604.1	638.3	670.0	698.3	725.3
-20°	355.4	405.6	450.5	490.1	528.0	563.3	594.3	628.2	660.7	689.4	715.7



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7050

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	344.5	397.7	440.7	481.5	516.3	553.7	583.9	616.4	649.0	679.5	705.2
-25°	333.5	388.7	429.0	470.7	503.9	541.1	573.0	602.7	634.4	667.3	692.9
-27.5°	322.9	377.8	415.4	456.6	491.0	525.8	561.0	589.1	618.8	650.3	678.7
-30°	312.4	359.6	400.7	439.0	477.2	508.9	544.6	575.6	602.2	630.4	658.3
-32.5°	300.0	337.9	384.3	418.9	460.5	492.2	525.2	559.1	585.6	609.5	635.9
-35°	284.3	321.0	365.3	400.0	438.4	475.2	504.5	537.4	564.7	586.1	612.5
-37.5°	266.7	303.9	340.7	380.3	413.0	452.8	484.9	511.0	537.6	561.3	583.5
-40°	245.3	285.0	319.6	357.5	389.4	424.6	461.2	485.0	508.9	532.4	553.7
-42.5°	219.1	263.8	298.4	330.2	365.4	394.9	429.5	458.8	479.8	501.7	522.3
-45°	194.8	238.0	275.2	307.9	337.6	366.6	392.6	426.6	451.3	470.2	489.4
-47.5°	171.9	207.8	248.8	281.3	311.8	334.8	356.5	384.1	416.8	439.4	455.5
-50°	148.4	181.7	214.8	252.5	281.1	304.9	323.4	340.5	367.5	399.7	422.6
-52.5°	124.6	156.1	185.5	216.2	247.2	268.2	292.3	307.5	320.2	341.3	372.8
-55°	102.3	130.0	157.8	183.3	208.0	231.3	249.2	274.1	288.4	296.9	306.9
-57.5°	83.0	105.4	129.7	153.1	172.9	192.7	210.8	224.1	242.6	264.0	272.5
-60°	63.7	84.2	103.6	122.6	139.9	156.7	173.7	187.3	195.4	206.9	227.5
-62.5°	48.1	62.9	81.4	95.2	108.4	123.1	134.7	149.3	163.7	170.1	176.7
-65°	33.0	46.6	57.7	71.5	81.9	90.9	102.2	111.9	118.7	130.0	140.9
-67.5°	23.1	29.9	41.7	47.8	56.7	66.1	72.7	78.5	85.9	95.1	99.1
-70°	16.9	21.0	25.8	30.9	36.1	40.5	46.8	53.7	57.5	60.1	63.1
-72.5°	11.1	15.2	18.2	20.0	22.3	24.3	26.1	27.8	31.6	35.9	38.3
-75°	7.1	9.7	12.2	14.2	15.7	16.7	17.4	17.7	18.2	19.5	20.7
-77.5°	5.1	6.3	7.3	8.5	10.1	11.2	12.1	12.7	13.5	14.2	14.9
-80°	3.5	4.3	5.0	5.7	6.4	7.1	7.7	8.4	9.0	9.5	10.0
-82.5°	2.3	2.8	3.2	3.6	4.1	4.5	4.9	5.4	5.7	6.1	6.4
-85°	1.4	1.7	1.9	2.1	2.3	2.5	2.8	3.0	3.2	3.4	3.6
-87.5°	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6
-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: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-15W-7050

**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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	1.9	2.1	2.2	2.4	2.5	2.7	2.9	3.0	3.1	3.2	3.3
77.5°	5.8	6.2	6.5	6.9	7.3	7.6	7.9	8.0	8.1	8.3	8.5
75°	11.5	12.2	12.8	13.5	14.1	14.6	15.0	15.3	15.5	15.8	16.1
72.5°	20.5	22.2	22.3	22.5	23.4	24.2	24.8	25.2	25.5	25.9	26.4
70°	38.4	37.5	35.9	35.6	37.6	38.8	39.2	39.1	39.0	39.3	40.0
67.5°	64.7	64.5	64.6	66.7	75.1	80.1	79.6	77.5	76.3	78.8	83.5
65°	113.6	129.3	127.9	122.6	136.0	147.5	146.5	144.9	144.4	147.3	151.1
62.5°	168.8	181.5	185.3	186.4	203.7	211.8	214.5	216.4	216.1	217.4	222.3
60°	233.5	247.2	258.6	260.0	260.1	278.1	295.6	298.0	296.3	294.8	299.4
57.5°	305.9	313.4	324.1	335.1	343.4	346.1	359.3	377.4	383.4	380.9	386.4
55°	365.8	376.8	387.4	407.1	432.2	444.6	442.7	444.0	457.4	473.4	478.6
52.5°	424.4	442.2	464.0	477.3	485.7	496.8	514.2	524.5	529.9	532.6	537.9
50°	475.0	491.9	502.6	521.3	541.3	553.9	562.3	576.4	587.1	598.0	603.7
47.5°	510.7	528.2	549.7	564.0	585.2	598.9	608.4	618.2	632.5	642.2	647.5
45°	545.6	563.6	584.9	601.1	615.3	633.2	646.4	655.6	663.6	674.1	682.3
42.5°	571.2	595.3	614.1	632.2	648.1	661.0	676.1	686.8	696.5	703.6	711.6
40°	596.5	623.6	640.3	656.8	673.8	687.4	705.1	713.7	723.2	731.2	739.7
37.5°	620.1	642.7	662.2	678.4	696.3	710.3	727.3	738.3	746.7	755.8	763.5
35°	638.1	661.1	679.7	696.9	714.9	731.6	746.0	756.9	766.0	775.7	784.5
32.5°	655.4	677.3	695.9	714.6	733.2	749.6	762.2	772.4	783.2	793.9	803.4
30°	671.4	693.4	713.8	732.7	751.3	767.0	779.9	790.6	802.2	813.3	822.7
27.5°	687.0	709.8	731.1	751.3	769.7	785.7	798.6	810.8	821.7	833.6	842.4
25°	701.8	725.6	747.9	768.5	787.3	802.9	817.4	830.8	842.4	852.7	860.0
22.5°	716.2	740.3	763.1	784.6	802.8	819.7	835.2	848.1	859.6	869.4	876.4
20°	729.3	754.0	777.4	798.2	817.7	834.7	849.5	863.1	874.2	883.6	890.8
17.5°	740.9	766.0	789.4	811.7	830.3	847.2	863.0	875.4	887.0	896.0	903.5
15°	751.0	776.6	800.7	822.7	841.2	859.0	873.8	887.0	898.2	907.8	914.9
12.5°	759.4	785.4	810.1	832.0	851.2	868.8	883.1	896.0	907.8	917.6	924.9
10°	766.8	792.9	818.0	839.9	859.7	876.2	890.9	903.4	915.4	925.0	933.1
7.5°	773.3	799.2	824.4	846.4	865.0	882.5	896.6	909.6	920.6	931.1	939.0
5°	778.0	803.9	828.9	851.2	869.9	887.1	901.2	913.1	924.1	935.1	943.8
2.5°	781.0	806.7	831.8	853.9	873.1	890.0	904.2	915.9	927.6	938.3	947.3
0°	782.4	807.7	832.9	855.0	874.6	891.4	905.2	917.3	929.7	940.6	948.9
-2.5°	781.7	806.9	831.7	854.1	873.0	889.4	902.7	914.8	927.0	938.1	947.7
-5°	779.5	804.4	828.7	851.4	870.0	886.1	898.8	910.8	923.1	934.6	943.9
-7.5°	775.7	800.2	823.7	846.9	866.5	882.3	895.5	907.4	919.1	930.1	939.5
-10°	770.6	795.1	818.9	842.3	862.2	877.6	891.3	903.2	914.6	925.8	935.0
-12.5°	766.1	790.8	814.6	836.8	856.5	872.5	885.7	898.4	909.9	920.4	928.6
-15°	759.6	785.1	808.7	829.5	849.0	865.4	879.0	892.0	903.9	912.9	921.4
-17.5°	751.5	777.7	801.2	823.1	839.5	855.8	869.7	883.2	894.8	904.1	911.2
-20°	740.9	767.3	791.9	810.9	828.2	843.2	858.8	870.9	883.0	893.3	900.3

Classified

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

Scaled Data Report



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7050

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	729.6	754.1	777.8	798.2	814.3	830.0	843.8	857.7	869.5	878.9	885.8
-25°	716.0	737.9	761.3	783.2	800.6	814.2	829.1	842.4	853.4	862.7	870.1
-27.5°	699.9	721.5	742.9	764.3	784.4	799.1	811.7	824.3	836.4	845.3	850.5
-30°	680.9	702.6	723.3	743.8	762.3	778.7	793.4	804.9	815.3	824.0	831.0
-32.5°	659.2	679.3	701.2	720.9	738.2	754.2	768.7	782.2	792.0	800.4	808.3
-35°	636.8	655.5	673.7	694.8	713.9	728.1	741.3	753.7	764.9	773.5	779.5
-37.5°	610.9	633.6	647.6	663.4	683.2	702.6	715.3	725.1	735.8	745.3	752.5
-40°	575.9	603.2	621.7	634.0	646.9	663.2	682.4	693.3	700.0	707.3	715.3
-42.5°	541.4	562.2	585.3	603.0	614.9	625.4	638.1	650.6	660.4	666.9	670.4
-45°	507.9	527.6	545.4	563.5	578.9	589.7	601.8	612.8	622.1	630.1	636.2
-47.5°	471.2	490.2	509.8	526.5	539.9	552.6	565.4	576.3	585.2	592.6	598.7
-50°	430.5	441.4	459.3	481.2	500.1	511.0	520.1	531.1	542.2	552.0	558.3
-52.5°	392.8	400.2	403.2	413.1	430.0	448.4	458.3	463.0	466.9	474.2	483.6
-55°	330.7	355.2	365.7	368.2	368.6	378.5	392.4	401.7	406.5	405.8	410.8
-57.5°	277.4	285.3	303.0	319.8	331.5	334.3	338.9	347.0	355.6	363.5	369.7
-60°	243.4	247.6	249.5	253.0	262.3	275.5	283.6	287.5	287.6	287.9	293.4
-62.5°	186.3	203.1	213.6	217.3	219.6	225.7	233.8	241.8	246.1	248.8	252.0
-65°	149.2	152.9	156.8	160.3	171.8	179.2	179.3	178.7	178.8	184.1	189.0
-67.5°	103.3	106.4	111.9	120.0	124.4	125.3	125.2	125.7	125.9	128.2	131.9
-70°	68.0	74.4	77.9	78.5	78.9	81.3	85.1	89.6	91.1	91.4	92.3
-72.5°	38.8	38.5	37.8	39.9	41.8	43.5	45.6	46.6	46.4	46.4	46.5
-75°	22.3	23.3	23.0	23.2	23.8	24.4	25.0	25.7	25.8	26.1	26.4
-77.5°	15.5	16.1	16.5	17.0	17.5	17.9	18.3	18.6	18.8	19.1	19.3
-80°	10.5	11.0	11.5	11.9	12.2	12.5	12.8	13.0	13.2	13.3	13.4
-82.5°	6.7	6.9	7.2	7.4	7.6	7.8	8.0	8.1	8.2	8.4	8.4
-85°	3.7	3.9	4.0	4.2	4.3	4.4	4.5	4.5	4.6	4.7	4.7
-87.5°	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2
-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: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-15W-7050

**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°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	3.4	3.4	3.4	3.3	3.3	3.4	3.3	3.3	3.1	3.0	2.9
77.5°	8.6	8.6	8.6	8.5	8.6	8.6	8.5	8.4	8.2	8.0	7.9
75°	16.3	16.4	16.3	16.2	16.3	16.3	16.3	16.1	15.8	15.5	15.3
72.5°	26.7	26.8	26.8	26.6	26.8	26.8	26.7	26.4	25.9	25.6	25.7
70°	40.2	40.0	39.4	38.6	39.5	40.1	40.4	40.3	39.6	39.3	39.3
67.5°	85.4	84.9	82.4	78.7	82.5	85.0	85.5	83.2	78.4	76.3	78.0
65°	152.6	152.3	150.6	147.8	151.0	153.0	153.4	151.8	147.7	144.5	145.9
62.5°	228.5	231.1	230.6	227.5	230.3	230.8	228.2	222.2	217.0	215.7	216.2
60°	302.1	303.2	302.9	301.5	302.6	302.6	301.1	297.8	292.3	293.7	296.7
57.5°	390.6	392.8	393.5	392.9	393.3	392.2	389.4	384.3	379.2	383.1	378.1
55°	484.0	488.5	490.8	489.6	490.8	488.6	484.3	479.5	475.3	458.6	444.3
52.5°	543.4	547.2	548.0	546.8	547.9	546.9	543.0	537.5	532.3	529.6	524.8
50°	607.2	610.8	613.7	614.8	612.6	608.7	603.9	599.2	593.6	584.6	574.8
47.5°	652.5	655.9	658.3	659.5	657.8	654.8	650.6	644.7	638.5	628.7	615.5
45°	687.2	691.2	694.1	695.4	693.4	689.9	685.6	681.0	672.5	661.7	651.9
42.5°	717.9	720.9	723.5	725.0	723.4	720.6	716.9	710.5	701.9	693.3	683.3
40°	743.9	747.9	751.3	753.5	751.5	748.2	744.2	739.6	730.2	721.2	711.8
37.5°	768.4	771.9	773.8	774.4	773.8	772.1	768.7	763.5	755.2	745.7	734.8
35°	790.3	792.6	793.5	793.1	793.7	792.9	790.5	784.6	775.9	766.2	755.6
32.5°	809.9	811.7	811.8	810.6	812.2	812.5	811.1	804.3	794.9	784.2	773.4
30°	830.1	831.6	831.8	830.6	832.4	832.6	831.4	823.6	814.0	802.6	791.7
27.5°	848.6	851.0	852.0	851.6	852.6	852.1	849.9	842.9	833.1	820.9	811.6
25°	865.6	869.2	871.4	872.1	872.1	870.7	867.2	860.7	851.4	841.5	830.9
22.5°	881.7	885.7	888.3	889.0	889.4	888.0	884.0	877.2	868.8	859.5	848.3
20°	896.7	901.1	903.7	904.8	904.2	902.6	898.3	891.8	883.8	874.4	863.6
17.5°	908.9	913.3	916.4	917.7	917.1	914.8	910.4	904.7	896.2	886.7	876.2
15°	920.7	925.5	928.4	929.2	928.9	926.1	921.4	915.4	908.0	897.7	886.8
12.5°	930.8	936.1	938.8	939.2	938.5	935.8	931.2	925.4	917.3	907.8	896.1
10°	939.1	944.0	946.6	946.5	946.2	943.8	938.6	932.8	925.6	916.2	903.9
7.5°	945.3	951.0	952.6	952.7	951.5	949.2	944.5	939.0	932.5	922.8	911.0
5°	951.2	956.4	958.0	956.6	955.2	953.4	950.1	945.1	938.0	928.2	915.7
2.5°	953.5	958.7	961.6	959.4	958.6	956.5	952.8	949.1	941.0	930.9	918.3
0°	954.9	959.5	961.4	960.7	958.8	956.7	953.6	947.9	940.8	931.4	919.3
-2.5°	952.8	957.3	958.1	956.7	955.5	953.8	951.8	947.3	939.2	928.8	915.8
-5°	949.7	952.8	953.2	951.6	950.9	950.4	948.3	943.7	936.2	925.0	910.5
-7.5°	945.7	949.4	948.8	947.3	947.1	946.4	945.2	940.4	932.1	920.3	906.7
-10°	940.8	944.2	945.0	943.3	944.2	942.8	940.9	935.3	926.1	914.3	900.7
-12.5°	933.9	937.4	939.1	939.4	939.6	938.3	934.7	928.5	920.1	908.7	896.5
-15°	926.6	930.7	932.2	932.6	932.8	931.3	927.5	921.0	912.5	902.9	890.8
-17.5°	917.3	922.0	923.7	924.2	923.8	921.9	917.6	912.0	903.6	894.0	882.4
-20°	906.1	910.6	912.2	912.4	911.9	910.2	906.1	900.7	892.2	882.1	872.2

Classified

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

Scaled Data Report



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7050

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	891.4	894.6	896.7	897.1	897.2	895.6	891.6	885.4	876.8	868.2	857.9
-25°	874.2	877.7	879.7	880.1	880.3	878.7	874.4	868.4	860.2	851.2	842.4
-27.5°	856.2	861.0	863.3	864.0	863.2	861.0	856.1	849.3	843.3	834.8	823.6
-30°	835.9	839.6	841.9	842.8	841.9	839.6	836.0	830.9	823.6	814.2	803.6
-32.5°	814.1	818.4	820.8	821.6	821.2	819.3	815.7	809.5	801.1	791.9	781.7
-35°	784.9	789.6	792.5	793.6	793.2	791.0	786.7	781.1	774.6	765.4	753.5
-37.5°	757.6	761.5	763.9	764.8	764.5	762.7	759.3	754.2	746.4	736.9	726.5
-40°	721.6	725.7	727.6	727.0	728.0	726.4	722.1	715.3	708.1	700.9	692.7
-42.5°	676.2	680.6	682.8	682.9	683.0	681.3	677.4	672.0	667.7	661.0	650.5
-45°	641.1	644.8	647.3	648.3	647.9	645.8	642.3	637.3	630.8	622.6	612.8
-47.5°	603.6	606.8	608.5	608.7	608.7	607.1	604.0	599.0	592.6	585.4	577.0
-50°	562.5	565.8	567.6	567.6	567.6	565.8	562.4	557.7	551.0	541.7	531.1
-52.5°	489.1	491.4	490.7	487.0	490.1	490.0	486.7	480.1	470.2	463.8	460.6
-55°	414.8	417.4	418.8	418.9	418.1	416.1	412.9	408.4	403.1	403.3	397.7
-57.5°	372.5	374.1	374.8	374.1	374.5	373.6	372.0	369.2	362.8	354.2	344.9
-60°	296.9	298.6	298.7	297.4	298.7	298.6	296.9	293.5	288.1	287.1	285.6
-62.5°	254.4	256.1	257.1	257.3	257.0	256.0	254.1	251.4	247.4	243.5	238.4
-65°	190.7	189.9	187.1	182.9	185.8	187.4	187.2	184.6	179.3	174.6	174.5
-67.5°	134.7	136.6	137.5	137.5	137.1	135.8	133.6	130.5	126.7	124.8	125.2
-70°	93.7	95.0	96.0	96.1	95.9	94.8	93.2	91.4	89.6	88.3	85.8
-72.5°	46.6	46.5	46.0	45.1	45.7	45.9	45.6	45.2	44.8	44.5	44.6
-75°	26.6	26.7	26.8	26.7	26.7	26.7	26.5	26.3	25.9	25.6	25.4
-77.5°	19.5	19.6	19.6	19.6	19.6	19.5	19.4	19.2	18.9	18.6	18.4
-80°	13.5	13.5	13.5	13.5	13.5	13.5	13.4	13.3	13.2	13.0	12.8
-82.5°	8.5	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.2	8.1	8.0
-85°	4.7	4.8	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.4
-87.5°	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0
-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: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-15W-7050

**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°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
85°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.2
80°	2.8	2.6	2.4	2.3	2.1	2.0	1.8	1.6	1.5	1.3	1.1
77.5°	7.7	7.5	7.1	6.7	6.3	6.1	5.7	5.2	4.8	4.3	3.8
75°	15.0	14.5	14.0	13.4	12.7	12.2	11.5	10.7	9.9	8.9	7.9
72.5°	25.3	24.4	23.5	22.5	22.3	22.2	20.7	18.6	17.3	15.8	14.3
70°	39.6	39.5	38.9	37.6	38.1	38.7	38.3	36.8	34.0	29.2	24.0
67.5°	80.4	80.8	75.5	67.0	66.0	67.2	65.6	61.5	57.0	52.9	47.9
65°	148.3	149.7	137.8	124.1	128.3	127.6	113.9	107.2	103.9	87.1	77.8
62.5°	215.8	215.2	208.0	190.1	188.2	185.8	171.3	165.1	154.9	136.9	128.6
60°	296.8	280.4	262.6	262.6	262.1	250.1	234.2	223.6	207.4	193.1	175.8
57.5°	359.3	345.3	341.7	336.3	326.0	312.7	309.5	284.5	267.3	247.9	226.4
55°	441.6	442.3	433.2	407.8	386.0	375.6	364.8	354.2	340.3	295.5	280.7
52.5°	516.1	498.2	485.6	476.4	464.1	441.5	421.6	401.6	382.4	360.8	327.0
50°	561.7	553.0	541.5	523.6	503.2	491.4	476.4	454.6	426.9	397.7	374.1
47.5°	606.6	597.1	583.1	564.4	549.2	530.0	510.9	494.1	464.7	438.8	407.2
45°	641.3	629.8	613.2	598.7	583.1	564.4	546.2	520.7	498.0	470.1	442.0
42.5°	672.3	657.5	641.6	627.6	609.2	592.0	572.7	549.2	523.1	497.7	469.1
40°	700.0	683.4	668.6	650.5	634.0	616.5	593.0	571.3	547.2	520.3	493.3
37.5°	722.9	707.9	691.3	673.5	655.0	635.5	614.1	589.2	566.0	541.1	513.7
35°	744.0	728.0	711.6	693.3	674.8	655.3	631.9	607.7	582.2	557.1	531.4
32.5°	762.9	749.0	731.2	711.7	693.4	674.0	651.4	624.6	597.5	571.6	547.1
30°	781.2	768.9	751.9	731.7	712.1	692.4	669.5	642.8	613.0	586.2	561.4
27.5°	800.1	787.0	771.8	751.9	730.9	709.8	687.3	660.4	630.4	601.6	575.0
25°	818.8	805.3	788.4	769.8	748.3	726.2	703.6	677.3	648.6	617.5	588.0
22.5°	836.4	821.3	803.9	784.5	763.9	740.7	717.4	691.5	662.8	632.2	601.0
20°	850.9	835.7	817.6	798.2	777.1	754.2	730.0	703.5	675.0	645.7	613.4
17.5°	863.6	848.1	830.4	810.1	789.3	766.5	741.2	714.4	685.2	656.2	624.5
15°	874.5	859.5	841.5	821.7	800.8	777.1	751.8	724.4	693.8	664.5	633.9
12.5°	883.7	869.1	851.4	832.2	810.2	786.5	760.2	732.3	701.7	671.6	641.2
10°	891.2	876.3	859.5	840.0	818.3	794.8	767.4	739.4	709.7	678.6	647.3
7.5°	897.3	882.2	865.7	846.0	824.6	800.4	772.5	744.9	715.8	684.3	652.0
5°	901.8	886.3	869.4	850.3	829.0	804.3	776.1	748.2	720.1	688.6	655.5
2.5°	903.7	888.2	871.8	852.8	831.7	806.4	778.0	749.7	722.7	691.3	657.5
0°	903.7	888.3	872.7	853.6	832.6	806.9	778.2	749.8	723.6	692.6	658.1
-2.5°	900.9	886.4	871.4	853.2	831.4	805.4	777.3	750.1	724.0	692.8	658.4
-5°	896.6	883.1	868.6	851.3	828.4	802.0	774.7	749.2	722.8	691.3	657.2
-7.5°	893.0	879.4	865.0	847.1	823.7	796.8	770.9	746.9	720.2	688.1	654.6
-10°	889.0	876.1	861.6	842.4	817.7	790.3	766.2	743.3	716.1	683.4	650.8
-12.5°	884.0	872.1	856.8	836.6	811.8	786.4	762.1	738.5	710.0	677.2	646.6
-15°	878.2	865.8	849.8	829.1	805.2	781.1	757.7	732.8	702.9	670.3	642.1
-17.5°	871.1	856.9	840.0	820.3	798.0	774.2	750.7	725.7	693.6	662.9	635.5
-20°	860.4	845.4	827.7	808.2	788.3	765.7	742.3	715.8	683.0	654.3	626.9



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-15W-7050

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	846.5	831.2	813.0	794.7	774.3	754.1	732.5	702.3	672.2	644.9	616.5
-25°	829.8	814.0	797.2	778.1	760.1	741.2	717.7	686.9	660.0	633.2	604.2
-27.5°	810.4	796.0	777.9	761.8	745.3	724.5	697.7	671.8	646.4	619.6	590.8
-30°	790.6	775.1	760.1	746.0	726.7	703.5	677.3	654.4	630.2	604.7	577.7
-32.5°	767.3	753.7	740.4	724.5	704.5	679.2	658.0	635.5	610.3	588.2	561.0
-35°	742.0	730.5	716.7	698.1	676.5	657.6	636.8	611.1	586.1	566.1	539.2
-37.5°	717.2	703.1	684.3	665.4	650.8	634.1	607.6	580.7	560.7	538.2	512.8
-40°	680.4	663.2	647.7	635.1	620.7	597.4	570.5	551.1	531.5	509.9	483.6
-42.5°	636.6	624.7	614.9	601.2	580.8	557.1	536.7	520.2	501.9	479.1	453.5
-45°	602.0	590.5	578.2	561.2	543.0	524.0	505.5	489.1	469.5	447.5	418.2
-47.5°	566.0	553.9	540.8	525.6	507.9	488.7	470.0	455.6	436.4	409.5	376.2
-50°	520.0	511.2	499.5	479.4	456.1	438.8	429.9	419.5	392.7	360.0	335.2
-52.5°	456.1	444.5	424.1	408.0	400.5	396.9	387.5	365.2	334.5	315.4	303.4
-55°	388.0	374.5	364.0	363.6	360.3	348.4	323.5	301.3	292.3	282.5	266.7
-57.5°	336.0	330.4	326.3	313.1	296.3	280.2	273.2	267.0	255.7	234.5	217.7
-60°	280.0	271.1	258.0	249.3	246.4	243.9	237.0	218.9	199.1	188.7	179.5
-62.5°	230.1	222.5	217.1	214.1	206.8	194.3	182.5	172.3	162.7	151.2	140.8
-65°	174.0	171.9	168.7	164.1	156.9	149.6	141.1	131.1	121.3	111.7	106.3
-67.5°	124.5	123.7	121.0	114.6	106.1	100.6	98.0	93.9	90.4	79.6	70.8
-70°	81.5	78.2	76.3	74.6	72.5	69.5	63.9	58.5	55.1	53.0	50.5
-72.5°	44.0	42.7	41.4	38.8	35.6	36.2	37.0	36.5	33.6	29.1	25.1
-75°	24.9	24.3	23.8	23.1	22.9	22.7	21.5	19.9	19.0	17.9	17.3
-77.5°	18.1	17.8	17.4	16.9	16.4	15.9	15.3	14.7	13.9	13.1	12.3
-80°	12.6	12.4	12.1	11.7	11.3	10.8	10.3	9.8	9.3	8.7	8.1
-82.5°	7.8	7.7	7.5	7.3	7.0	6.8	6.4	6.1	5.8	5.4	5.1
-85°	4.3	4.2	4.1	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.8
-87.5°	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.3
-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: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-15W-7050

**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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.9	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	3.3	2.7	2.2	1.6	1.2	0.8	0.6	0.5	0.5	0.4	0.3
75°	6.8	6.0	5.3	4.4	3.5	2.5	1.5	1.1	0.8	0.6	0.5
72.5°	12.4	10.7	9.1	7.5	6.4	5.1	3.8	2.4	1.5	1.0	0.7
70°	22.2	18.7	14.7	12.3	10.1	7.9	6.2	4.6	3.0	1.7	1.1
67.5°	41.8	34.7	28.1	21.0	15.1	11.8	9.0	6.8	4.9	3.1	1.8
65°	69.4	57.9	48.9	38.8	27.4	18.0	12.8	9.5	6.8	4.7	2.8
62.5°	106.3	93.0	75.8	60.5	47.7	32.6	19.8	13.0	9.2	6.3	4.1
60°	154.3	135.0	112.8	93.4	68.1	51.4	34.2	18.8	12.1	8.3	5.4
57.5°	205.8	179.5	154.7	128.2	101.4	70.9	51.3	32.1	15.7	10.7	6.9
55°	254.6	229.1	198.8	167.1	131.4	99.3	69.2	47.5	26.6	13.5	8.6
52.5°	301.5	275.4	246.1	206.8	164.4	127.2	91.4	62.6	39.7	16.7	10.8
50°	343.4	316.3	288.9	246.5	199.5	155.5	117.1	80.5	53.1	28.2	13.4
47.5°	380.8	350.1	323.8	281.6	233.4	185.4	140.9	100.9	66.2	39.6	16.9
45°	411.1	382.1	347.1	313.2	265.8	214.7	165.8	121.4	82.5	51.0	23.6
42.5°	439.0	409.4	371.3	334.1	293.4	243.1	190.4	142.0	98.5	62.0	33.1
40°	463.0	430.6	395.3	353.9	317.4	267.9	214.8	162.5	113.5	73.4	42.1
37.5°	485.1	451.2	415.6	374.8	334.1	290.7	237.3	181.9	130.6	86.2	50.7
35°	503.6	471.5	434.4	394.5	350.2	311.4	257.1	200.8	147.0	98.1	58.9
32.5°	520.5	488.9	451.9	412.2	366.8	324.6	274.5	219.9	162.6	109.1	66.7
30°	534.8	505.3	468.8	428.0	382.5	336.8	292.5	236.3	177.1	120.6	74.5
27.5°	548.0	519.2	483.6	442.4	397.3	348.8	307.7	251.3	190.5	132.3	82.9
25°	559.8	530.0	497.3	455.7	411.2	361.8	317.8	264.3	203.7	143.2	90.5
22.5°	570.8	540.4	509.4	467.7	423.5	374.2	327.1	276.0	216.0	153.4	97.6
20°	581.3	550.9	519.1	479.5	434.6	385.7	335.3	286.9	226.9	162.6	104.0
17.5°	591.2	559.0	526.1	489.6	444.9	396.0	343.1	296.2	236.2	170.9	109.8
15°	600.2	567.1	532.7	497.8	453.6	404.7	351.0	303.5	244.3	178.0	114.9
12.5°	607.4	574.1	540.2	504.3	460.7	411.5	357.8	308.4	251.3	184.0	119.6
10°	612.9	580.1	546.4	509.0	466.5	416.8	363.5	312.5	256.6	189.1	124.0
7.5°	616.9	584.7	551.1	512.4	470.9	420.8	368.0	315.6	260.5	193.1	127.4
5°	619.6	587.9	554.3	514.8	474.0	423.5	371.3	317.8	263.4	196.0	130.0
2.5°	621.0	589.9	556.4	515.9	475.8	425.0	373.3	318.9	265.1	197.9	131.7
0°	620.9	590.7	557.3	515.9	476.3	425.3	374.0	319.1	265.8	198.8	132.4
-2.5°	622.5	591.7	558.0	517.6	477.8	427.0	375.0	320.0	266.7	199.9	133.3
-5°	622.8	591.5	557.4	518.2	478.1	427.5	374.8	319.8	266.6	199.9	133.2
-7.5°	621.9	589.9	555.8	517.8	477.1	426.5	373.2	318.6	265.5	198.9	132.2
-10°	619.9	586.8	553.1	516.4	474.7	424.1	370.3	316.4	263.5	196.9	130.3
-12.5°	616.8	582.3	549.5	514.0	471.0	420.1	366.3	313.1	260.3	193.8	127.4
-15°	611.8	576.8	545.1	509.9	465.9	414.8	361.3	308.8	255.7	189.9	123.9
-17.5°	604.3	570.2	539.6	504.5	459.4	408.5	355.2	303.4	250.4	184.9	119.7
-20°	594.6	563.5	533.6	496.8	451.6	401.0	347.7	297.0	244.3	178.4	114.5



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-15W-7050

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	584.4	554.8	524.6	487.2	442.0	391.0	338.4	289.8	235.5	170.7	108.3
-25°	574.1	543.6	511.9	472.7	428.9	379.9	328.4	281.4	224.8	161.9	101.9
-27.5°	562.4	530.3	496.1	456.6	412.5	369.0	318.3	272.2	213.6	152.2	95.4
-30°	546.5	514.5	477.7	437.6	395.2	352.4	307.3	262.1	202.9	141.4	88.2
-32.5°	528.2	494.7	457.4	415.1	376.8	333.3	294.0	250.5	190.6	129.8	81.0
-35°	506.8	472.0	433.6	394.4	358.8	316.7	278.4	232.7	175.9	117.3	73.5
-37.5°	481.7	446.3	406.8	373.8	336.2	298.9	261.4	213.1	160.2	105.0	66.2
-40°	453.9	416.2	382.9	353.0	315.3	279.8	240.0	194.1	143.2	93.5	59.5
-42.5°	420.1	387.1	360.7	326.8	293.8	258.5	213.8	171.8	123.6	82.3	52.5
-45°	384.5	361.6	334.9	303.4	270.7	232.2	192.7	149.0	105.2	70.9	45.0
-47.5°	351.0	332.6	307.6	277.2	243.0	203.0	167.3	125.6	89.3	62.3	38.6
-50°	320.5	300.2	277.4	247.5	209.0	178.6	141.1	103.5	75.5	52.4	33.5
-52.5°	286.4	263.3	242.5	210.1	182.4	149.7	114.5	86.0	62.3	42.2	28.6
-55°	243.4	225.9	201.2	179.6	151.7	120.5	92.7	71.3	49.6	35.6	23.7
-57.5°	204.5	184.7	168.1	146.6	120.1	94.6	76.1	54.2	38.7	29.2	18.4
-60°	164.5	150.7	133.1	112.8	92.2	76.8	56.8	40.7	31.6	22.8	12.7
-62.5°	128.1	116.3	98.5	84.4	74.5	55.2	40.2	31.9	24.7	16.4	7.1
-65°	95.0	81.3	73.1	67.0	47.9	36.8	30.4	24.7	17.9	10.1	5.8
-67.5°	65.5	61.2	50.5	38.4	31.5	27.4	23.0	17.6	11.2	6.7	4.7
-70°	42.2	34.2	28.4	26.2	23.5	20.1	15.8	10.6	7.1	5.2	3.6
-72.5°	22.9	22.1	20.8	19.0	16.5	13.1	8.9	7.1	5.4	3.9	2.7
-75°	16.8	15.9	14.3	12.2	9.6	8.2	6.6	5.2	4.0	2.8	2.0
-77.5°	11.3	9.9	8.9	7.9	6.9	5.8	4.7	3.7	2.8	2.1	1.4
-80°	7.4	6.7	6.0	5.3	4.6	3.9	3.2	2.5	1.9	1.4	1.0
-82.5°	4.6	4.2	3.7	3.3	2.9	2.5	2.1	1.6	1.3	1.0	0.8
-85°	2.5	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.7	0.6
-87.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7050

**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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
80°	0.3	0.2	0.2	0.2	0.2	0.1	0.0
77.5°	0.3	0.3	0.3	0.2	0.2	0.1	0.0
75°	0.4	0.3	0.3	0.2	0.2	0.1	0.0
72.5°	0.5	0.4	0.3	0.3	0.2	0.2	0.0
70°	0.8	0.5	0.4	0.3	0.2	0.2	0.0
67.5°	1.1	0.7	0.4	0.3	0.3	0.2	0.0
65°	1.5	0.9	0.5	0.4	0.3	0.2	0.0
62.5°	2.2	1.2	0.6	0.4	0.3	0.2	0.0
60°	3.2	1.6	0.8	0.4	0.3	0.2	0.0
57.5°	4.3	2.1	1.0	0.5	0.3	0.2	0.0
55°	5.4	2.8	1.3	0.6	0.4	0.2	0.0
52.5°	6.5	3.7	1.6	0.7	0.4	0.2	0.0
50°	7.8	4.5	2.0	0.8	0.4	0.3	0.0
47.5°	9.2	5.3	2.4	0.9	0.4	0.3	0.0
45°	11.4	6.1	2.8	1.1	0.4	0.3	0.0
42.5°	13.5	6.9	3.4	1.2	0.4	0.3	0.0
40°	17.3	7.9	4.0	1.4	0.5	0.3	0.0
37.5°	21.1	8.8	4.6	1.6	0.5	0.3	0.0
35°	26.9	10.2	5.1	1.8	0.5	0.3	0.0
32.5°	33.5	11.9	5.6	2.1	0.6	0.3	0.0
30°	39.6	13.5	6.0	2.3	0.6	0.3	0.0
27.5°	45.4	15.5	6.5	2.5	0.7	0.3	0.0
25°	50.7	18.5	6.9	2.7	0.7	0.3	0.0
22.5°	55.5	21.4	7.3	2.9	0.7	0.3	0.0
20°	60.0	24.3	7.7	3.1	0.8	0.3	0.0
17.5°	64.1	26.9	8.1	3.3	0.8	0.3	0.0
15°	67.7	29.7	8.4	3.5	0.8	0.3	0.0
12.5°	70.8	32.3	8.7	3.7	0.8	0.3	0.0
10°	73.4	34.5	8.9	3.8	0.9	0.3	0.0
7.5°	75.6	36.4	9.1	4.0	0.9	0.3	0.0
5°	77.3	37.9	9.2	4.1	0.9	0.3	0.0
2.5°	78.5	39.0	9.3	4.1	0.9	0.3	0.0
0°	79.3	39.7	9.3	4.1	0.9	0.3	0.0
-2.5°	79.6	39.9	9.7	4.2	0.9	0.4	0.0
-5°	79.4	39.8	10.1	4.2	0.9	0.4	0.0
-7.5°	78.7	39.2	10.4	4.2	0.9	0.4	0.0
-10°	77.4	38.3	10.6	4.1	0.9	0.4	0.0
-12.5°	75.7	37.0	10.8	4.0	0.9	0.4	0.0
-15°	73.4	35.4	10.8	3.9	0.9	0.4	0.0
-17.5°	70.6	33.5	10.7	3.8	0.9	0.4	0.0
-20°	67.3	31.5	10.5	3.6	0.9	0.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P622908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7050

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	63.8	29.2	10.2	3.5	0.9	0.4	0.0
-25°	60.1	26.7	9.7	3.3	0.9	0.4	0.0
-27.5°	56.1	24.0	9.2	3.1	0.8	0.3	0.0
-30°	51.7	22.2	8.5	2.9	0.8	0.3	0.0
-32.5°	46.9	20.4	7.6	2.7	0.8	0.3	0.0
-35°	41.8	18.5	6.6	2.5	0.7	0.3	0.0
-37.5°	36.9	16.6	5.7	2.3	0.7	0.3	0.0
-40°	32.6	15.0	5.2	2.1	0.7	0.3	0.0
-42.5°	28.2	13.1	4.7	1.9	0.6	0.3	0.0
-45°	25.0	11.0	4.2	1.7	0.6	0.3	0.0
-47.5°	21.4	8.8	3.7	1.4	0.6	0.3	0.0
-50°	18.1	6.3	3.3	1.3	0.6	0.3	0.0
-52.5°	14.5	5.5	2.8	1.2	0.5	0.3	0.0
-55°	10.7	4.8	2.4	1.0	0.5	0.3	0.0
-57.5°	6.7	4.0	2.0	0.9	0.5	0.3	0.0
-60°	5.7	3.4	1.6	0.8	0.5	0.3	0.0
-62.5°	4.7	2.7	1.4	0.7	0.4	0.2	0.0
-65°	3.8	2.2	1.2	0.7	0.4	0.2	0.0
-67.5°	3.0	1.7	1.0	0.6	0.4	0.2	0.0
-70°	2.2	1.4	0.9	0.5	0.4	0.2	0.0
-72.5°	1.7	1.1	0.7	0.5	0.3	0.2	0.0
-75°	1.3	0.9	0.6	0.4	0.3	0.2	0.0
-77.5°	1.0	0.7	0.5	0.4	0.3	0.1	0.0
-80°	0.8	0.6	0.5	0.3	0.2	0.1	0.0
-82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.5	0.4	0.3	0.2	0.1	0.1	0.0
-87.5°	0.3	0.2	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)