

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: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **LSF25-XX-PC-15W-7030**

Issue Date: 10/4/2022

Test Information

Test Method: LM-79-08
Report Number: P622906 (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-7030
Description: Flood light with selectable wattage and CCT
Light Source: (1) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

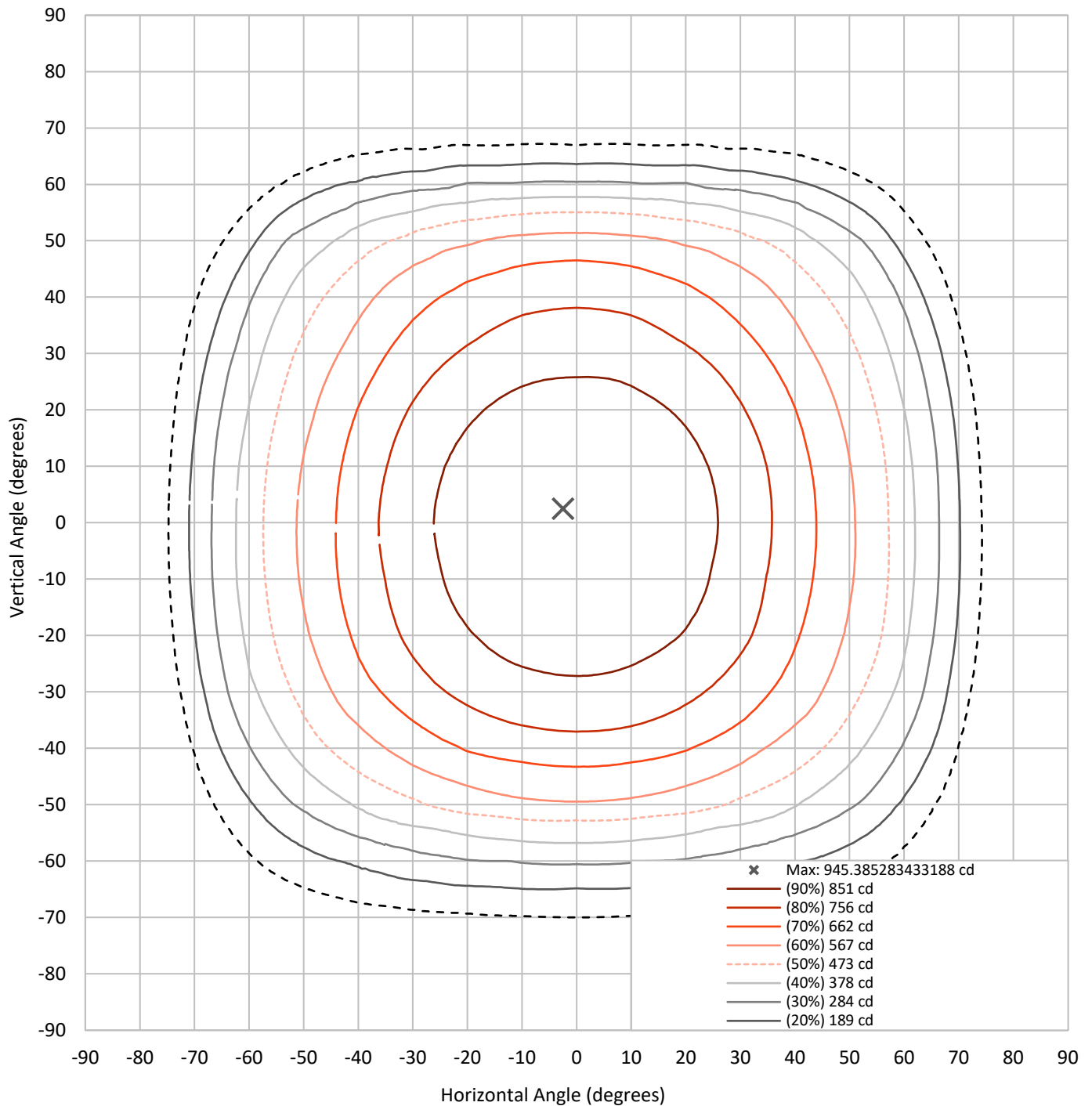
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2501.2 lumens	Max Intensity:	945.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	154.4 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:	2037.8 lumens	Field Lumens:	2466.4 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		



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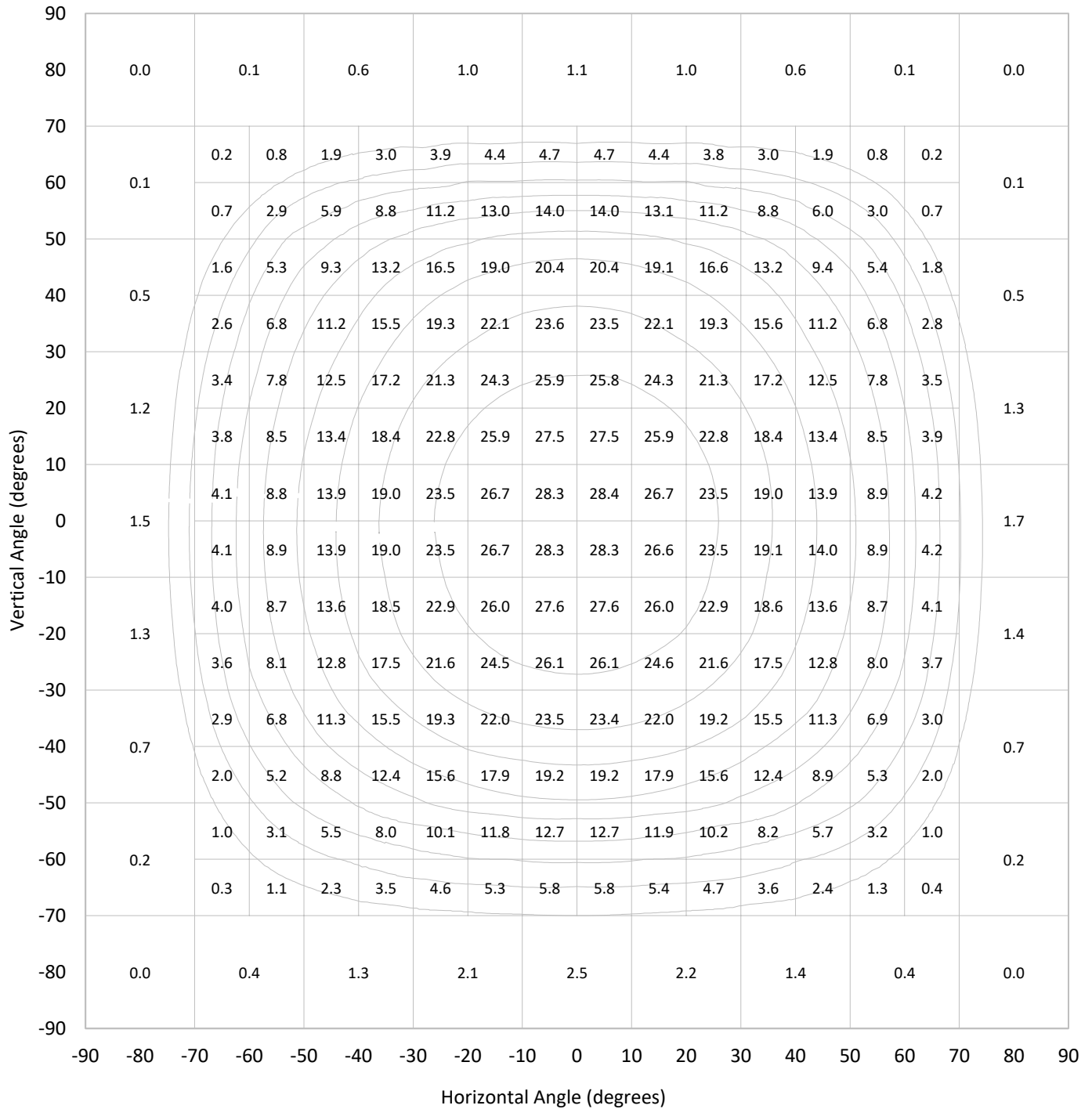
Iso-Candela Plot





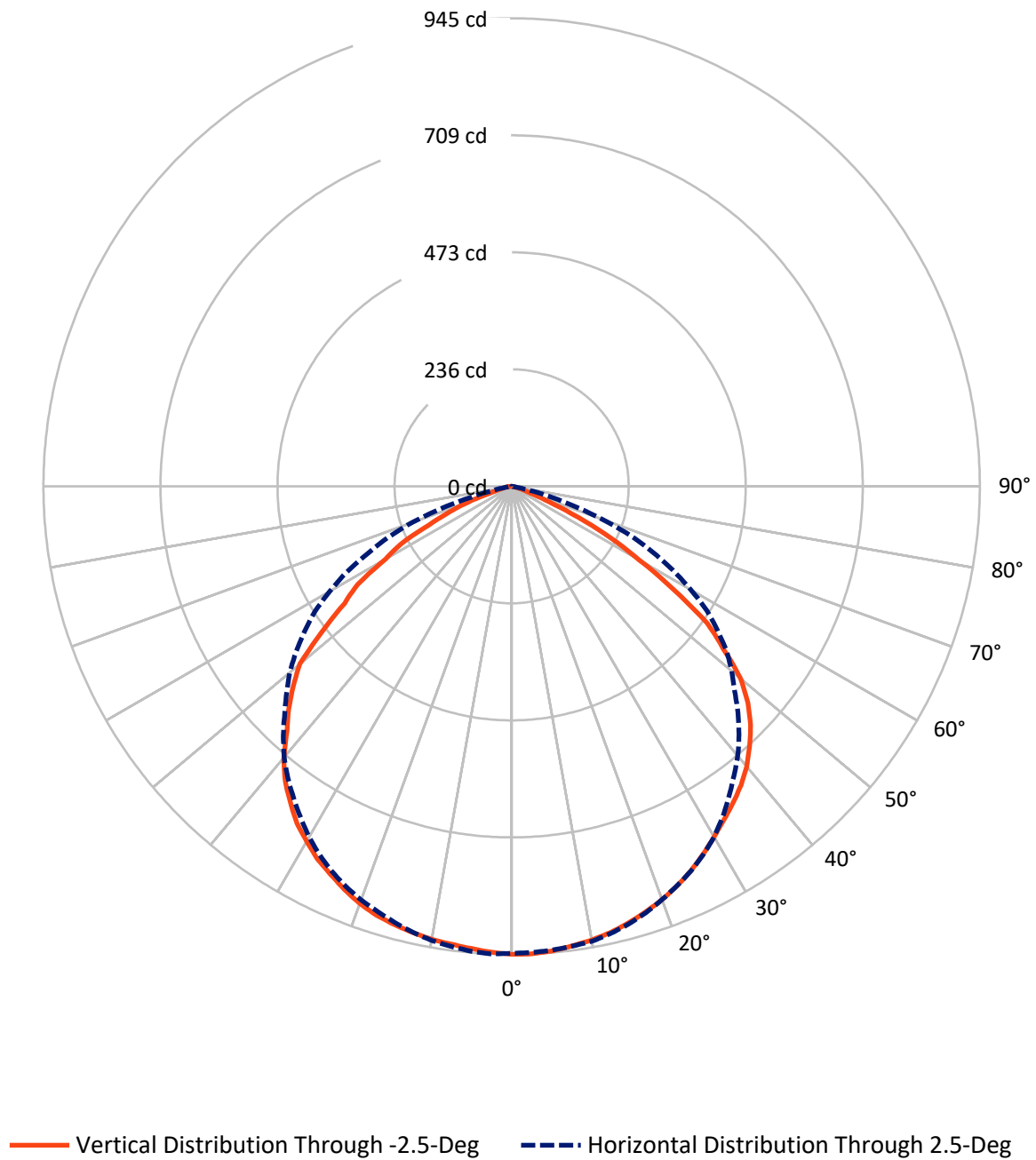
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Lumen Table



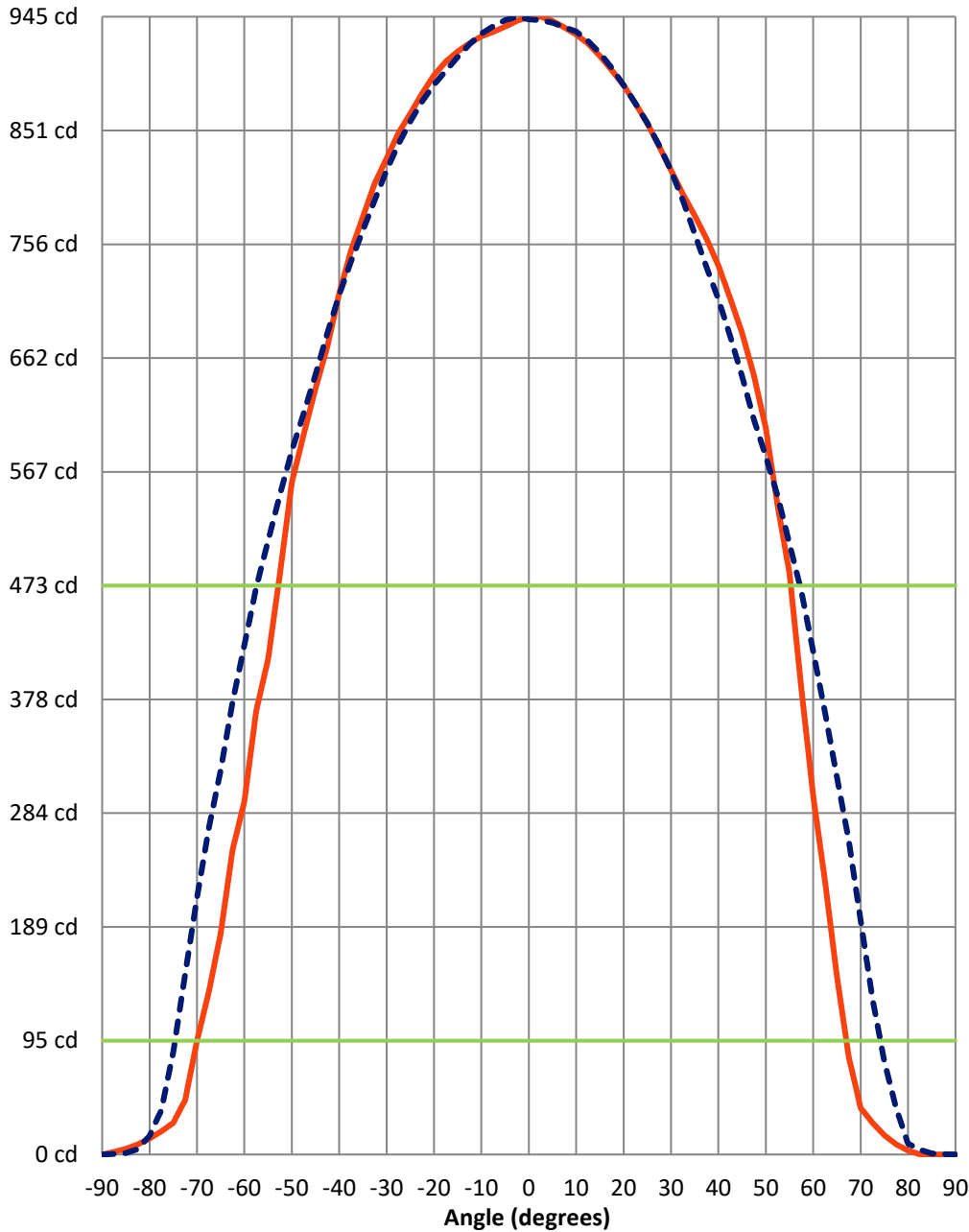
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 114.6°
 V Angle: 108.1°
 Lumens: 2037.8
 Efficiency: 81.5%

Field:
 H Angle: 148.8°
 V Angle: 137°
 Lumens: 2466.4
 Efficiency: 98.6%

Spill:
 Lumens: 34.8
 Efficiency: 1.4%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through 2.5-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	0.0	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	1.7	2.6
70°	0.0	0.2	0.3	0.4	0.4	0.5	0.8	1.3	2.0	3.2	4.7
67.5°	0.0	0.3	0.4	0.4	0.5	0.7	1.2	2.0	3.4	5.1	6.9
65°	0.0	0.3	0.4	0.4	0.6	1.0	1.8	3.1	5.1	7.2	9.5
62.5°	0.0	0.3	0.4	0.5	0.8	1.4	2.5	4.5	6.8	9.5	12.7
60°	0.0	0.3	0.4	0.5	0.9	1.9	3.5	6.0	8.8	12.2	18.4
57.5°	0.0	0.3	0.4	0.6	1.2	2.4	4.7	7.6	11.1	15.3	33.1
55°	0.0	0.3	0.4	0.7	1.5	3.1	5.9	9.5	13.6	27.6	50.5
52.5°	0.0	0.3	0.5	0.8	1.9	4.0	7.2	11.8	16.5	42.9	67.9
50°	0.0	0.3	0.5	0.9	2.3	4.9	9.3	14.3	30.1	58.6	91.1
47.5°	0.0	0.4	0.5	1.1	2.7	5.8	11.4	17.2	43.9	74.1	111.6
45°	0.0	0.4	0.5	1.3	3.2	6.7	13.8	24.1	57.0	94.6	132.0
42.5°	0.0	0.4	0.6	1.5	3.8	8.1	16.3	34.4	69.7	113.2	153.2
40°	0.0	0.4	0.6	1.7	4.4	10.1	19.0	44.4	83.5	130.4	174.3
37.5°	0.0	0.4	0.6	1.9	5.0	12.0	21.7	54.1	99.4	146.6	193.1
35°	0.0	0.4	0.7	2.2	5.5	14.0	27.0	63.8	113.5	161.7	209.9
32.5°	0.0	0.4	0.7	2.4	6.1	16.1	33.3	73.6	126.0	175.7	225.7
30°	0.0	0.4	0.8	2.6	6.6	18.1	39.1	83.4	137.8	189.4	242.3
27.5°	0.0	0.4	0.9	2.9	7.1	20.1	45.2	94.3	148.9	202.6	257.7
25°	0.0	0.4	0.9	3.1	7.8	22.1	51.0	104.4	159.2	214.4	268.0
22.5°	0.0	0.4	1.0	3.3	9.0	24.1	56.2	113.2	168.4	224.9	277.4
20°	0.0	0.4	1.0	3.5	10.2	26.0	61.2	120.5	176.7	234.6	286.9
17.5°	0.0	0.4	1.0	3.7	11.3	27.8	66.5	127.1	184.3	243.9	295.2
15°	0.0	0.4	1.1	3.9	12.3	29.8	71.2	132.8	191.6	251.9	302.1
12.5°	0.0	0.4	1.1	4.1	13.2	32.0	75.3	137.8	197.9	258.8	307.4
10°	0.0	0.4	1.1	4.2	14.0	33.8	78.8	142.0	203.3	263.5	311.7
7.5°	0.0	0.4	1.2	4.4	14.7	35.3	81.6	145.4	207.7	266.9	315.2
5°	0.0	0.4	1.2	4.5	15.2	36.4	83.8	148.0	211.0	269.5	317.8
2.5°	0.0	0.4	1.2	4.5	15.6	37.2	85.2	149.7	213.3	271.2	319.4
0°	0.0	0.4	1.2	4.5	15.9	37.8	86.0	150.5	214.5	272.0	320.0
-2.5°	0.0	0.5	1.2	4.6	16.0	38.1	86.0	150.6	214.7	272.6	320.8
-5°	0.0	0.5	1.2	4.6	15.9	38.2	85.4	149.8	213.8	272.4	320.5
-7.5°	0.0	0.5	1.2	4.5	15.7	38.0	84.0	148.2	211.7	271.3	319.3
-10°	0.0	0.5	1.2	4.5	15.3	37.5	82.1	145.7	208.6	269.3	317.0
-12.5°	0.0	0.5	1.2	4.4	14.7	36.7	79.5	142.4	204.3	266.1	313.7
-15°	0.0	0.5	1.2	4.3	14.1	35.5	76.3	138.2	198.9	261.4	309.3
-17.5°	0.0	0.5	1.2	4.1	13.2	34.2	72.5	133.2	192.4	255.8	304.2
-20°	0.0	0.5	1.2	3.9	12.3	32.8	68.3	127.3	185.7	249.4	298.5

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Scaled Data Report



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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	0.4	1.1	3.8	11.2	31.0	64.3	120.6	178.2	240.9	291.9
-25°	0.0	0.4	1.1	3.6	10.0	29.0	60.1	112.7	169.7	230.7	283.8
-27.5°	0.0	0.4	1.1	3.4	9.2	26.6	55.4	103.7	160.2	218.9	274.8
-30°	0.0	0.4	1.0	3.2	8.5	24.4	50.5	94.0	149.9	205.5	264.0
-32.5°	0.0	0.4	0.9	3.0	7.7	22.3	46.3	85.6	138.5	191.6	251.5
-35°	0.0	0.4	0.9	2.8	6.8	20.1	41.8	77.3	126.4	178.0	234.2
-37.5°	0.0	0.4	0.8	2.5	6.0	17.8	37.0	69.1	113.1	163.4	213.4
-40°	0.0	0.4	0.8	2.3	5.5	15.3	32.3	60.9	99.0	147.8	192.4
-42.5°	0.0	0.4	0.8	2.1	5.0	12.7	27.1	52.8	87.2	130.3	173.0
-45°	0.0	0.4	0.7	1.9	4.4	10.5	23.8	45.3	76.6	112.3	152.8
-47.5°	0.0	0.4	0.7	1.7	3.9	8.6	20.4	37.6	65.5	94.3	132.2
-50°	0.0	0.4	0.7	1.5	3.5	6.5	16.9	30.0	53.9	80.9	111.5
-52.5°	0.0	0.4	0.6	1.3	3.0	5.7	13.3	24.8	43.0	66.6	92.1
-55°	0.0	0.4	0.6	1.2	2.6	4.9	10.1	20.5	33.0	53.0	76.3
-57.5°	0.0	0.4	0.6	1.0	2.2	4.2	6.8	16.2	25.5	41.0	59.2
-60°	0.0	0.3	0.5	0.9	1.8	3.5	5.7	11.7	20.2	29.0	45.9
-62.5°	0.0	0.3	0.5	0.8	1.6	2.9	4.7	7.2	15.2	22.6	32.4
-65°	0.0	0.3	0.5	0.7	1.3	2.3	3.8	5.9	10.2	17.0	23.5
-67.5°	0.0	0.3	0.5	0.7	1.1	1.8	3.0	4.7	7.1	11.7	17.4
-70°	0.0	0.3	0.4	0.6	0.9	1.4	2.3	3.6	5.3	7.8	11.8
-72.5°	0.0	0.2	0.4	0.5	0.8	1.1	1.8	2.8	4.0	5.6	7.8
-75°	0.0	0.2	0.4	0.5	0.7	0.9	1.3	2.0	3.0	4.2	5.5
-77.5°	0.0	0.2	0.3	0.4	0.6	0.7	1.0	1.5	2.1	3.0	3.9
-80°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	2.0	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: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7030

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	3.3	3.8	4.3	4.7	5.2
75°	1.7	2.6	3.5	4.4	5.1	5.9	6.6	7.7	8.7	9.7	10.5
72.5°	3.9	5.1	6.2	7.2	8.7	10.2	11.8	13.6	15.2	16.6	18.0
70°	6.2	7.6	9.5	11.6	13.7	17.5	20.9	22.8	28.5	33.7	36.7
67.5°	8.8	11.2	13.9	19.2	26.3	33.3	41.0	48.6	53.4	57.1	61.2
65°	12.4	16.9	25.0	36.9	47.6	60.4	68.5	76.6	86.3	95.9	101.8
62.5°	19.0	31.6	46.1	61.6	76.7	87.6	103.2	122.7	132.4	156.2	164.1
60°	34.4	51.7	72.0	88.9	105.5	134.3	155.3	180.5	193.1	199.4	216.1
57.5°	53.3	76.5	97.1	118.9	159.7	186.1	213.2	225.4	241.8	264.1	277.9
55°	75.1	100.9	125.7	176.1	209.2	238.0	255.2	278.5	291.2	330.4	352.3
52.5°	99.6	126.5	173.7	218.8	258.0	279.0	299.2	322.0	357.8	379.9	395.9
50°	121.4	163.1	210.6	259.0	296.5	314.2	339.9	373.8	395.0	423.2	450.1
47.5°	147.1	196.2	244.1	289.6	321.9	348.6	380.7	405.4	437.1	459.6	484.4
45°	176.6	224.2	274.6	311.5	345.6	382.5	410.5	441.5	464.5	489.9	511.1
42.5°	201.2	252.0	295.4	330.7	371.3	409.0	439.6	464.5	490.1	513.5	540.0
40°	222.8	273.7	313.8	353.5	393.7	430.8	461.1	485.9	511.2	537.8	561.4
37.5°	244.2	290.7	330.7	374.1	413.4	449.8	477.8	505.0	531.3	556.1	582.0
35°	262.7	306.8	349.2	391.4	431.9	465.5	494.8	521.8	546.9	574.0	602.7
32.5°	275.2	319.7	365.5	406.9	448.6	480.3	510.2	537.0	562.4	592.1	619.0
30°	289.5	334.2	379.0	422.7	462.2	494.5	524.7	551.8	578.9	606.9	635.0
27.5°	303.0	347.2	390.9	437.2	474.2	507.1	538.0	565.8	594.4	622.5	650.1
25°	313.6	360.5	402.0	449.8	485.4	519.3	550.5	579.2	608.5	637.7	665.0
22.5°	324.0	371.8	416.1	460.5	495.7	530.7	561.6	591.1	621.8	652.0	679.3
20°	334.1	381.9	428.4	470.0	504.9	541.0	571.2	602.0	634.1	664.3	691.2
17.5°	343.1	391.1	438.9	479.1	515.1	550.1	579.5	611.9	645.2	675.3	702.2
15°	351.9	399.3	447.5	487.4	524.1	558.5	588.6	621.0	654.5	683.9	711.9
12.5°	359.8	406.7	454.8	494.5	531.4	566.0	596.9	629.7	662.5	691.6	720.0
10°	366.4	412.9	460.9	500.0	537.5	572.3	603.8	636.7	669.6	699.5	727.6
7.5°	370.5	417.7	465.5	504.4	542.3	577.5	609.2	642.0	675.3	706.0	734.1
5°	373.7	421.1	468.9	507.7	545.9	581.6	613.1	645.7	679.5	710.9	739.0
2.5°	375.7	423.3	471.2	509.9	548.2	584.6	615.7	647.9	682.4	714.3	742.1
0°	376.8	424.2	472.3	511.0	549.3	586.4	617.0	648.6	683.7	716.1	743.7
-2.5°	377.8	425.1	472.6	511.6	549.8	586.6	618.1	649.8	684.1	715.9	743.3
-5°	377.7	424.7	471.6	511.1	549.0	585.5	617.9	649.6	682.9	714.1	741.4
-7.5°	376.6	423.1	469.6	509.2	547.2	583.1	616.4	648.0	680.2	710.9	737.8
-10°	374.5	420.2	466.4	506.1	544.3	579.3	613.4	644.9	676.6	706.3	733.0
-12.5°	370.0	416.1	462.1	501.6	540.3	574.2	609.0	640.8	672.0	700.7	727.4
-15°	364.3	410.9	457.1	496.1	535.3	567.8	602.6	635.4	666.0	694.2	720.9
-17.5°	357.7	405.2	450.9	489.5	527.9	560.8	593.9	627.5	658.6	686.5	713.0
-20°	349.4	398.7	442.9	481.8	519.0	553.9	584.3	617.6	649.6	677.7	703.7



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	338.8	391.0	433.3	473.4	507.5	544.4	574.0	606.0	638.1	668.1	693.3
-25°	327.9	382.2	421.7	462.8	495.4	532.0	563.4	592.5	623.7	656.1	681.2
-27.5°	317.5	371.4	408.4	448.9	482.7	516.9	551.6	579.2	608.4	639.3	667.3
-30°	307.2	353.6	393.9	431.6	469.2	500.2	535.3	565.9	592.0	619.8	647.2
-32.5°	294.9	332.3	377.8	411.8	452.7	483.9	516.4	549.6	575.7	599.2	625.2
-35°	279.4	315.6	359.1	393.3	431.0	467.2	495.9	528.3	555.2	576.2	602.2
-37.5°	262.2	298.8	335.0	373.9	406.1	445.1	476.7	502.3	528.5	551.8	573.6
-40°	241.2	280.2	314.2	351.4	382.8	417.4	453.4	476.8	500.3	523.4	544.4
-42.5°	215.4	259.3	293.4	324.7	359.1	388.3	422.2	451.0	471.7	493.2	513.5
-45°	191.5	234.0	270.5	302.7	331.9	360.4	386.0	419.3	443.7	462.2	481.2
-47.5°	168.9	204.2	244.6	276.5	306.5	329.2	350.4	377.7	409.8	432.0	447.8
-50°	145.9	178.7	211.1	248.2	276.5	299.7	318.0	334.7	361.3	393.0	415.4
-52.5°	122.5	153.4	182.4	212.6	243.0	263.7	287.4	302.3	314.8	335.5	366.6
-55°	100.5	127.8	155.1	180.2	204.5	227.4	245.0	269.4	283.6	291.9	301.7
-57.5°	81.6	103.6	127.5	150.4	170.0	189.4	207.3	220.3	238.5	259.5	267.9
-60°	62.6	82.8	101.8	120.5	137.5	154.0	170.7	184.1	192.1	203.4	223.7
-62.5°	47.2	61.8	80.1	93.6	106.5	121.1	132.4	146.7	160.9	167.2	173.7
-65°	32.5	45.8	56.7	70.3	80.5	89.3	100.5	110.1	116.7	127.7	138.5
-67.5°	22.7	29.4	41.1	46.9	55.7	65.0	71.6	77.1	84.4	93.5	97.4
-70°	16.6	20.7	25.4	30.4	35.5	39.8	46.0	52.8	56.5	59.2	62.0
-72.5°	11.0	15.0	17.9	19.7	22.0	23.9	25.7	27.3	31.1	35.3	37.7
-75°	7.0	9.5	12.1	13.9	15.4	16.4	17.1	17.4	17.9	19.2	20.3
-77.5°	5.0	6.2	7.2	8.4	9.9	11.0	12.0	12.6	13.3	14.0	14.6
-80°	3.4	4.2	4.9	5.6	6.3	7.0	7.6	8.3	8.9	9.4	9.9
-82.5°	2.3	2.7	3.1	3.5	4.0	4.4	4.8	5.3	5.6	6.0	6.3
-85°	1.4	1.7	1.9	2.1	2.3	2.5	2.7	3.0	3.2	3.3	3.5
-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: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7030

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	0.1	0.2	0.2	0.2	0.2	0.2
80°	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.0	3.1	3.2
77.5°	5.7	6.1	6.4	6.8	7.2	7.5	7.7	7.8	7.9	8.1	8.3
75°	11.3	12.0	12.6	13.3	13.9	14.4	14.7	15.1	15.2	15.6	15.8
72.5°	20.2	21.8	21.9	22.1	23.0	23.7	24.4	24.8	25.0	25.5	25.9
70°	37.7	36.9	35.3	35.0	36.9	38.1	38.5	38.4	38.4	38.7	39.4
67.5°	63.6	63.4	63.5	65.6	73.9	78.7	78.2	76.2	75.0	77.5	82.0
65°	111.7	127.1	125.8	120.6	133.7	145.0	144.1	142.5	142.0	144.8	148.5
62.5°	165.9	178.4	182.1	183.2	200.3	208.2	210.9	212.8	212.5	213.7	218.5
60°	229.6	243.0	254.3	255.6	255.7	273.4	290.6	292.9	291.3	289.8	294.3
57.5°	300.7	308.1	318.6	329.4	337.6	340.3	353.2	371.0	377.0	374.6	379.9
55°	359.6	370.4	380.9	400.2	424.8	437.1	435.2	436.6	449.6	465.4	470.5
52.5°	417.3	434.8	456.2	469.3	477.5	488.4	505.5	515.7	521.0	523.6	528.8
50°	467.0	483.6	494.1	512.5	532.2	544.5	552.8	566.6	577.2	587.9	593.4
47.5°	502.1	519.3	540.4	554.5	575.3	588.8	598.1	607.7	621.8	631.4	636.6
45°	536.3	554.1	575.1	591.0	604.8	622.5	635.5	644.6	652.4	662.7	670.8
42.5°	561.6	585.3	603.7	621.5	637.2	649.8	664.6	675.2	684.8	691.7	699.6
40°	586.4	613.0	629.5	645.7	662.4	675.8	693.2	701.6	710.9	718.8	727.2
37.5°	609.6	631.9	651.0	667.0	684.5	698.3	715.0	725.8	734.1	743.0	750.6
35°	627.3	649.9	668.2	685.1	702.8	719.3	733.4	744.1	753.1	762.6	771.2
32.5°	644.4	665.8	684.2	702.5	720.9	737.0	749.3	759.4	770.0	780.6	789.8
30°	660.1	681.7	701.7	720.3	738.7	754.0	766.7	777.3	788.6	799.5	808.8
27.5°	675.4	697.8	718.7	738.6	756.7	772.4	785.1	797.1	807.8	819.4	828.1
25°	689.9	713.3	735.3	755.5	774.0	789.3	803.5	816.7	828.2	838.3	845.4
22.5°	704.1	727.9	750.3	771.4	789.2	805.8	821.1	833.8	845.0	854.7	861.6
20°	716.9	741.3	764.3	784.8	803.8	820.6	835.2	848.5	859.4	868.7	875.7
17.5°	728.4	753.1	776.1	798.0	816.3	832.9	848.4	860.6	872.1	880.8	888.2
15°	738.3	763.5	787.2	808.8	827.0	844.5	859.0	872.1	883.0	892.4	899.5
12.5°	746.6	772.1	796.4	818.0	836.9	854.1	868.2	880.9	892.4	902.1	909.3
10°	753.8	779.5	804.2	825.7	845.1	861.4	875.8	888.1	899.9	909.4	917.3
7.5°	760.2	785.7	810.5	832.2	850.4	867.7	881.4	894.2	905.0	915.3	923.2
5°	764.8	790.3	814.9	836.8	855.2	872.1	885.9	897.7	908.4	919.3	927.8
2.5°	767.8	793.1	817.7	839.5	858.4	875.0	888.9	900.4	911.9	922.5	931.3
0°	769.2	794.0	818.8	840.5	859.8	876.4	889.9	901.8	914.0	924.7	932.9
-2.5°	768.5	793.2	817.7	839.6	858.2	874.4	887.5	899.4	911.3	922.3	931.6
-5°	766.3	790.8	814.6	837.0	855.3	871.2	883.7	895.5	907.5	918.8	927.9
-7.5°	762.6	786.7	809.8	832.6	851.9	867.4	880.4	892.0	903.6	914.3	923.7
-10°	757.6	781.6	805.0	828.1	847.7	862.7	876.2	888.0	899.2	910.2	919.2
-12.5°	753.2	777.4	800.9	822.6	842.0	857.8	870.8	883.2	894.5	904.9	912.9
-15°	746.8	771.8	795.0	815.5	834.7	850.8	864.2	877.0	888.6	897.4	905.9
-17.5°	738.7	764.5	787.7	809.3	825.4	841.4	855.0	868.3	879.7	888.8	895.8
-20°	728.4	754.3	778.5	797.2	814.2	829.0	844.3	856.2	868.1	878.2	885.1

Classified

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

Scaled Data Report



REPORT NUMBER: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7030

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	717.3	741.4	764.7	784.7	800.6	816.1	829.6	843.2	854.8	864.1	870.8
-25°	704.0	725.4	748.4	770.0	787.1	800.5	815.2	828.2	839.0	848.1	855.4
-27.5°	688.1	709.3	730.3	751.5	771.1	785.6	798.0	810.3	822.3	831.0	836.2
-30°	669.4	690.8	711.0	731.3	749.5	765.5	780.0	791.3	801.5	810.1	817.0
-32.5°	648.1	667.9	689.3	708.7	725.7	741.4	755.7	769.0	778.6	786.9	794.6
-35°	626.0	644.4	662.4	683.1	701.8	715.8	728.8	740.9	751.9	760.4	766.3
-37.5°	600.6	622.9	636.7	652.2	671.7	690.6	703.2	712.8	723.3	732.7	739.7
-40°	566.1	593.0	611.3	623.3	635.9	652.1	670.9	681.5	688.2	695.4	703.2
-42.5°	532.3	552.7	575.3	592.9	604.6	614.8	627.3	639.6	649.3	655.6	659.1
-45°	499.2	518.7	536.2	553.9	569.1	579.8	591.6	602.4	611.6	619.4	625.5
-47.5°	463.2	481.9	501.1	517.6	530.8	543.3	555.8	566.5	575.3	582.6	588.6
-50°	423.2	433.8	451.6	473.1	491.6	502.4	511.3	522.2	533.1	542.7	548.9
-52.5°	386.2	393.5	396.4	406.0	422.7	440.8	450.5	455.1	459.1	466.2	475.4
-55°	325.2	349.2	359.5	362.0	362.4	372.1	385.7	394.8	399.5	398.9	403.8
-57.5°	272.7	280.4	297.9	314.5	325.9	328.7	333.2	341.2	349.6	357.3	363.5
-60°	239.3	243.4	245.3	248.7	257.9	270.9	278.8	282.7	282.8	283.1	288.5
-62.5°	183.2	199.7	210.0	213.6	215.9	221.9	229.9	237.8	242.0	244.6	247.8
-65°	146.7	150.3	154.1	157.6	168.9	176.2	176.3	175.7	175.8	181.0	185.8
-67.5°	101.6	104.6	110.1	118.0	122.3	123.2	123.1	123.6	123.8	126.1	129.7
-70°	66.8	73.2	76.6	77.2	77.6	80.0	83.7	88.2	89.6	89.8	90.8
-72.5°	38.2	37.8	37.1	39.2	41.1	42.7	44.9	45.8	45.6	45.7	45.7
-75°	21.9	22.9	22.6	22.8	23.4	24.0	24.6	25.2	25.4	25.6	25.9
-77.5°	15.2	15.8	16.2	16.7	17.2	17.6	18.0	18.3	18.5	18.8	19.0
-80°	10.4	10.9	11.3	11.7	12.0	12.3	12.6	12.8	13.0	13.1	13.2
-82.5°	6.6	6.8	7.1	7.3	7.5	7.7	7.8	8.0	8.1	8.2	8.3
-85°	3.6	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.5	4.6	4.6
-87.5°	1.7	1.7	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
-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: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7030

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°	3.3	3.3	3.3	3.2	3.2	3.3	3.2	3.2	3.1	2.9	2.8
77.5°	8.4	8.5	8.4	8.4	8.4	8.4	8.4	8.3	8.1	7.8	7.7
75°	16.0	16.1	16.0	15.9	16.0	16.0	16.0	15.8	15.5	15.2	15.0
72.5°	26.2	26.4	26.3	26.2	26.3	26.4	26.3	26.0	25.5	25.2	25.2
70°	39.5	39.3	38.8	38.0	38.9	39.5	39.8	39.6	39.0	38.6	38.7
67.5°	84.0	83.4	81.0	77.3	81.1	83.5	84.0	81.8	77.0	75.0	76.7
65°	150.0	149.8	148.1	145.3	148.4	150.4	150.9	149.3	145.3	142.1	143.4
62.5°	224.6	227.1	226.6	223.6	226.4	226.8	224.3	218.4	213.3	212.0	212.5
60°	297.0	298.0	297.8	296.4	297.5	297.5	296.0	292.8	287.5	288.8	291.7
57.5°	384.0	386.2	386.9	386.2	386.6	385.6	382.8	377.9	372.9	376.6	371.7
55°	475.8	480.2	482.5	481.3	482.5	480.3	476.1	471.4	467.3	450.9	436.9
52.5°	534.3	537.9	538.8	537.5	538.6	537.6	533.9	528.4	523.3	520.6	516.0
50°	596.9	600.5	603.3	604.4	602.2	598.4	593.7	589.0	583.5	574.7	565.1
47.5°	641.4	644.7	647.1	648.3	646.6	643.7	639.6	633.8	627.7	618.1	605.1
45°	675.6	679.6	682.4	683.7	681.7	678.3	674.0	669.5	661.1	650.5	640.9
42.5°	705.7	708.7	711.2	712.7	711.1	708.3	704.8	698.5	690.0	681.6	671.8
40°	731.3	735.2	738.5	740.7	738.7	735.5	731.6	727.1	717.8	709.0	699.7
37.5°	755.4	758.9	760.8	761.3	760.8	759.0	755.7	750.6	742.4	733.1	722.4
35°	776.9	779.3	780.1	779.7	780.2	779.5	777.2	771.4	762.8	753.2	742.8
32.5°	796.3	798.0	798.1	796.9	798.5	798.8	797.4	790.7	781.4	770.9	760.4
30°	816.0	817.5	817.7	816.5	818.3	818.5	817.4	809.7	800.3	789.0	778.4
27.5°	834.2	836.6	837.6	837.2	838.2	837.7	835.5	828.6	819.1	807.1	797.9
25°	850.9	854.5	856.7	857.4	857.4	856.0	852.6	846.2	837.0	827.3	816.9
22.5°	866.8	870.7	873.2	874.0	874.4	873.0	869.0	862.4	854.1	845.0	834.0
20°	881.6	885.9	888.4	889.5	889.0	887.3	883.1	876.7	868.9	859.6	849.0
17.5°	893.6	897.8	900.9	902.2	901.6	899.3	895.0	889.4	881.0	871.7	861.5
15°	905.1	909.9	912.7	913.5	913.3	910.5	905.8	900.0	892.6	882.5	871.8
12.5°	915.0	920.2	923.0	923.4	922.7	920.0	915.5	909.7	901.8	892.4	881.0
10°	923.2	928.0	930.6	930.5	930.2	927.8	922.7	917.0	910.0	900.7	888.6
7.5°	929.3	934.9	936.4	936.6	935.3	933.2	928.5	923.2	916.7	907.2	895.6
5°	935.2	940.2	941.8	940.4	939.1	937.3	934.0	929.1	922.2	912.5	900.2
2.5°	937.4	942.4	945.4	943.2	942.4	940.4	936.7	933.0	925.1	915.1	902.8
0°	938.8	943.3	945.2	944.5	942.6	940.6	937.5	931.9	924.9	915.6	903.8
-2.5°	936.7	941.1	941.9	940.5	939.4	937.6	935.7	931.3	923.3	913.1	900.3
-5°	933.7	936.7	937.1	935.5	934.8	934.3	932.2	927.7	920.4	909.4	895.1
-7.5°	929.7	933.4	932.8	931.2	931.1	930.4	929.2	924.5	916.4	904.8	891.4
-10°	924.9	928.3	929.0	927.4	928.2	926.9	925.0	919.5	910.5	898.9	885.4
-12.5°	918.2	921.6	923.3	923.6	923.8	922.5	918.9	912.8	904.6	893.3	881.5
-15°	911.0	914.9	916.5	916.9	917.1	915.6	911.8	905.5	897.1	887.7	875.7
-17.5°	901.8	906.4	908.1	908.6	908.1	906.3	902.1	896.6	888.4	878.9	867.6
-20°	890.8	895.3	896.7	896.9	896.5	894.8	890.8	885.4	877.1	867.2	857.4



REPORT NUMBER: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7030

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	876.3	879.6	881.6	881.9	882.0	880.5	876.5	870.4	862.0	853.5	843.5
-25°	859.4	862.9	864.8	865.2	865.5	863.9	859.6	853.7	845.6	836.8	828.2
-27.5°	841.8	846.5	848.7	849.4	848.7	846.4	841.7	835.0	829.1	820.7	809.7
-30°	821.8	825.4	827.7	828.5	827.7	825.4	821.9	816.9	809.7	800.5	790.0
-32.5°	800.4	804.5	806.9	807.7	807.3	805.4	801.8	795.8	787.6	778.6	768.5
-35°	771.6	776.3	779.1	780.2	779.9	777.7	773.5	767.9	761.5	752.4	740.8
-37.5°	744.7	748.6	751.0	751.8	751.5	749.8	746.5	741.5	733.8	724.4	714.1
-40°	709.4	713.5	715.3	714.8	715.8	714.2	709.9	703.2	696.1	689.1	681.0
-42.5°	664.8	669.1	671.2	671.3	671.5	669.7	665.9	660.6	656.4	649.9	639.6
-45°	630.3	634.0	636.4	637.4	636.9	634.9	631.4	626.6	620.2	612.1	602.5
-47.5°	593.4	596.5	598.2	598.4	598.4	596.9	593.7	588.9	582.6	575.5	567.2
-50°	553.0	556.2	558.0	558.1	558.1	556.3	552.9	548.2	541.6	532.6	522.1
-52.5°	480.8	483.1	482.4	478.8	481.8	481.7	478.5	472.0	462.3	456.0	452.9
-55°	407.8	410.4	411.7	411.8	411.0	409.1	405.9	401.5	396.3	396.5	391.0
-57.5°	366.2	367.8	368.4	367.8	368.2	367.3	365.6	362.9	356.6	348.2	339.0
-60°	291.9	293.6	293.7	292.4	293.6	293.5	291.9	288.6	283.3	282.3	280.8
-62.5°	250.1	251.8	252.7	252.9	252.6	251.6	249.8	247.1	243.2	239.4	234.4
-65°	187.5	186.7	183.9	179.8	182.6	184.2	184.0	181.5	176.2	171.5	171.5
-67.5°	132.5	134.3	135.2	135.2	134.8	133.5	131.3	128.3	124.5	122.6	123.1
-70°	92.1	93.4	94.3	94.5	94.3	93.3	91.7	89.9	88.2	86.8	84.3
-72.5°	45.8	45.7	45.3	44.4	45.0	45.1	44.9	44.4	44.0	43.7	43.8
-75°	26.2	26.3	26.3	26.3	26.3	26.2	26.1	25.8	25.5	25.1	25.0
-77.5°	19.1	19.2	19.2	19.2	19.2	19.2	19.0	18.9	18.6	18.3	18.1
-80°	13.3	13.3	13.3	13.3	13.3	13.3	13.2	13.1	13.0	12.8	12.6
-82.5°	8.3	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.1	8.0	7.9
-85°	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.4
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	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: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7030

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°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.6	1.4	1.2	1.0
77.5°	7.6	7.3	7.0	6.6	6.2	6.0	5.6	5.1	4.7	4.2	3.7
75°	14.7	14.3	13.8	13.2	12.5	12.0	11.4	10.6	9.8	8.8	7.8
72.5°	24.9	24.0	23.0	22.1	21.9	21.8	20.3	18.3	17.0	15.5	14.0
70°	38.9	38.9	38.2	37.0	37.5	38.1	37.6	36.2	33.4	28.7	23.6
67.5°	79.0	79.4	74.3	65.9	64.9	66.0	64.5	60.4	56.1	52.0	47.1
65°	145.8	147.2	135.6	122.1	126.2	125.4	112.0	105.4	102.2	85.5	76.5
62.5°	212.2	211.5	204.5	186.9	185.1	182.6	168.5	162.3	152.3	134.6	126.4
60°	291.8	275.6	258.1	258.2	257.7	245.8	230.2	219.8	204.0	189.8	172.8
57.5°	353.2	339.5	336.0	330.6	320.4	307.4	304.3	279.7	262.8	243.8	222.6
55°	434.2	434.9	425.8	400.9	379.5	369.3	358.6	348.3	334.6	290.5	276.0
52.5°	507.4	489.8	477.5	468.4	456.2	434.1	414.5	394.8	376.0	354.7	321.4
50°	552.2	543.6	532.4	514.8	494.7	483.2	468.3	447.0	419.8	391.0	367.8
47.5°	596.3	587.1	573.3	554.8	539.9	521.1	502.3	485.7	456.8	431.5	400.3
45°	630.5	619.1	602.8	588.6	573.3	554.8	537.0	511.9	489.5	462.2	434.5
42.5°	660.9	646.5	630.8	617.0	598.9	582.0	563.0	540.0	514.2	489.2	461.2
40°	688.2	671.9	657.3	639.5	623.3	606.0	583.0	561.7	538.0	511.6	484.9
37.5°	710.6	695.9	679.6	662.1	644.0	624.8	603.8	579.2	556.4	531.9	505.1
35°	731.4	715.7	699.5	681.6	663.5	644.2	621.3	597.4	572.3	547.7	522.3
32.5°	750.0	736.3	718.9	699.7	681.6	662.6	640.4	614.1	587.5	561.9	537.8
30°	768.0	755.9	739.2	719.4	700.1	680.6	658.2	631.9	602.7	576.3	551.9
27.5°	786.6	773.7	758.8	739.3	718.6	697.8	675.6	649.3	619.8	591.4	565.3
25°	804.9	791.7	775.0	756.8	735.6	713.9	691.7	665.9	637.7	607.1	578.0
22.5°	822.3	807.4	790.3	771.3	750.9	728.1	705.2	679.8	651.5	621.6	590.8
20°	836.5	821.6	803.8	784.7	764.0	741.5	717.7	691.6	663.6	634.8	603.1
17.5°	848.9	833.8	816.4	796.5	776.0	753.5	728.7	702.3	673.6	645.1	614.0
15°	859.8	845.0	827.3	807.8	787.2	763.9	739.1	712.2	682.1	653.3	623.2
12.5°	868.8	854.4	837.0	818.2	796.5	773.2	747.4	719.9	689.9	660.3	630.4
10°	876.1	861.5	845.0	825.9	804.5	781.3	754.4	727.0	697.7	667.1	636.4
7.5°	882.1	867.3	851.1	831.7	810.7	786.9	759.5	732.3	703.7	672.8	641.0
5°	886.5	871.4	854.7	835.9	815.0	790.7	763.0	735.6	708.0	677.0	644.4
2.5°	888.4	873.2	857.0	838.4	817.6	792.8	764.9	737.1	710.5	679.7	646.4
0°	888.4	873.3	857.9	839.2	818.5	793.3	765.1	737.2	711.4	680.9	647.0
-2.5°	885.6	871.4	856.7	838.7	817.4	791.8	764.1	737.5	711.8	681.1	647.3
-5°	881.4	868.2	853.9	836.9	814.4	788.5	761.6	736.5	710.6	679.6	646.1
-7.5°	877.9	864.6	850.4	832.8	809.7	783.4	757.8	734.3	708.0	676.5	643.5
-10°	874.0	861.3	847.1	828.1	803.8	777.0	753.2	730.8	704.0	671.8	639.8
-12.5°	869.1	857.4	842.3	822.5	798.1	773.1	749.3	726.1	698.0	665.8	635.6
-15°	863.4	851.2	835.4	815.0	791.6	767.9	744.9	720.4	691.1	659.0	631.3
-17.5°	856.4	842.5	825.9	806.4	784.5	761.1	738.1	713.4	681.9	651.7	624.8
-20°	845.9	831.1	813.7	794.6	775.0	752.8	729.8	703.7	671.5	643.2	616.4

Classified

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

Scaled Data Report



REPORT NUMBER: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7030

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	832.2	817.1	799.3	781.3	761.2	741.3	720.2	690.4	660.8	634.1	606.1
-25°	815.8	800.3	783.7	764.9	747.2	728.7	705.5	675.3	648.8	622.5	594.0
-27.5°	796.7	782.6	764.8	748.9	732.7	712.2	685.9	660.5	635.6	609.1	580.8
-30°	777.2	762.0	747.2	733.4	714.4	691.7	665.9	643.4	619.6	594.4	567.9
-32.5°	754.4	741.0	727.9	712.2	692.6	667.8	646.9	624.8	600.0	578.3	551.5
-35°	729.4	718.1	704.5	686.3	665.1	646.5	626.1	600.8	576.1	556.5	530.1
-37.5°	705.1	691.2	672.8	654.2	639.7	623.4	597.3	570.9	551.2	529.1	504.1
-40°	668.9	652.0	636.8	624.3	610.2	587.3	560.9	541.8	522.5	501.2	475.4
-42.5°	625.9	614.1	604.5	591.0	571.0	547.6	527.6	511.4	493.4	470.9	445.8
-45°	591.8	580.4	568.4	551.7	533.8	515.2	497.0	480.8	461.5	439.9	411.2
-47.5°	556.4	544.6	531.7	516.7	499.3	480.4	462.0	447.9	429.1	402.6	369.8
-50°	511.2	502.6	491.1	471.3	448.4	431.3	422.7	412.5	386.1	353.9	329.5
-52.5°	448.5	437.0	416.9	401.2	393.8	390.2	381.0	359.1	328.8	310.0	298.3
-55°	381.5	368.1	357.8	357.4	354.2	342.5	318.0	296.2	287.5	277.7	262.2
-57.5°	330.3	324.8	320.9	307.9	291.3	275.4	268.6	262.5	251.4	230.6	214.0
-60°	275.2	266.6	253.7	245.1	242.3	239.8	233.0	215.2	195.7	185.5	176.5
-62.5°	226.3	218.7	213.4	210.4	203.3	191.0	179.4	169.4	159.9	148.7	138.4
-65°	171.0	168.9	165.8	161.3	154.2	147.1	138.8	128.9	119.2	109.8	104.5
-67.5°	122.4	121.6	118.9	112.7	104.3	98.8	96.4	92.4	88.9	78.3	69.5
-70°	80.2	76.9	75.0	73.4	71.3	68.3	62.8	57.5	54.2	52.1	49.6
-72.5°	43.2	41.9	40.6	38.1	35.1	35.6	36.4	35.9	33.0	28.5	24.6
-75°	24.5	23.9	23.4	22.7	22.5	22.3	21.2	19.6	18.7	17.6	17.0
-77.5°	17.8	17.5	17.1	16.6	16.1	15.6	15.1	14.4	13.7	12.9	12.1
-80°	12.4	12.2	11.9	11.5	11.1	10.7	10.2	9.6	9.2	8.6	8.0
-82.5°	7.7	7.5	7.3	7.1	6.9	6.6	6.3	6.0	5.7	5.3	5.0
-85°	4.3	4.2	4.1	3.9	3.8	3.6	3.4	3.3	3.1	2.9	2.7
-87.5°	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2
-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: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7030

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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.8	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	3.2	2.7	2.2	1.6	1.1	0.8	0.6	0.5	0.5	0.4	0.3
75°	6.7	5.9	5.2	4.4	3.5	2.5	1.5	1.1	0.8	0.6	0.5
72.5°	12.3	10.6	8.9	7.4	6.3	5.1	3.8	2.4	1.5	1.0	0.7
70°	21.8	18.4	14.5	12.1	9.9	7.7	6.1	4.5	3.0	1.7	1.1
67.5°	41.1	34.1	27.6	20.7	14.9	11.6	8.8	6.6	4.8	3.1	1.8
65°	68.2	56.9	48.1	38.1	27.0	17.7	12.6	9.3	6.7	4.6	2.7
62.5°	104.5	91.4	74.5	59.5	46.9	32.1	19.5	12.8	9.1	6.2	4.0
60°	151.7	132.7	110.9	91.8	67.0	50.5	33.7	18.5	11.9	8.2	5.3
57.5°	202.3	176.5	152.1	126.1	99.6	69.7	50.5	31.6	15.4	10.6	6.8
55°	250.3	225.3	195.4	164.3	129.2	97.5	68.0	46.7	26.2	13.2	8.5
52.5°	296.4	270.8	242.0	203.2	161.6	125.1	89.8	61.6	39.1	16.4	10.7
50°	337.6	311.0	284.1	242.3	196.1	152.9	115.1	79.1	52.2	27.7	13.2
47.5°	374.4	344.2	318.3	276.8	229.4	182.3	138.5	99.2	65.1	39.0	16.6
45°	404.2	375.6	341.2	307.9	261.3	211.0	163.0	119.4	81.1	50.2	23.2
42.5°	431.6	402.6	365.0	328.5	288.4	239.0	187.1	139.6	96.8	61.0	32.6
40°	455.2	423.3	388.6	347.9	312.1	263.4	211.1	159.8	111.6	72.2	41.5
37.5°	476.8	443.5	408.6	368.4	328.5	285.8	233.3	178.8	128.5	84.8	49.9
35°	495.1	463.6	427.0	387.9	344.2	306.1	252.7	197.3	144.5	96.4	58.0
32.5°	511.7	480.6	444.3	405.3	360.5	319.2	269.8	216.1	159.9	107.3	65.6
30°	525.7	496.8	460.8	420.8	376.0	331.1	287.6	232.2	174.1	118.6	73.2
27.5°	538.8	510.5	475.4	435.0	390.6	342.9	302.6	247.0	187.2	130.1	81.5
25°	550.3	521.0	488.9	448.0	404.3	355.6	312.5	259.8	200.2	140.8	89.0
22.5°	561.1	531.2	500.8	459.8	416.4	367.9	321.6	271.3	212.3	150.8	96.0
20°	571.4	541.5	510.4	471.4	427.3	379.2	329.7	282.0	223.1	159.9	102.3
17.5°	581.2	549.5	517.2	481.4	437.3	389.3	337.3	291.3	232.2	168.0	108.0
15°	590.0	557.5	523.7	489.4	445.9	397.9	345.0	298.4	240.1	174.9	113.0
12.5°	597.1	564.4	531.1	495.8	452.9	404.5	351.7	303.3	247.0	180.9	117.6
10°	602.6	570.3	537.2	500.4	458.6	409.7	357.3	307.2	252.2	185.8	121.9
7.5°	606.5	574.8	541.7	503.8	463.0	413.6	361.8	310.3	256.1	189.8	125.3
5°	609.2	578.0	544.9	506.1	466.0	416.3	365.0	312.4	258.9	192.7	127.8
2.5°	610.5	580.0	547.0	507.2	467.8	417.8	367.0	313.5	260.6	194.5	129.5
0°	610.4	580.8	547.9	507.2	468.3	418.1	367.6	313.7	261.3	195.4	130.2
-2.5°	612.0	581.8	548.5	508.9	469.8	419.8	368.7	314.5	262.2	196.4	131.1
-5°	612.3	581.5	548.0	509.5	470.0	420.2	368.4	314.4	262.1	196.5	131.0
-7.5°	611.4	579.9	546.4	509.1	469.0	419.3	366.9	313.2	261.0	195.5	130.0
-10°	609.5	576.8	543.8	507.6	466.7	416.9	364.0	311.0	259.0	193.5	128.1
-12.5°	606.4	572.4	540.2	505.3	463.0	413.0	360.1	307.8	255.9	190.6	125.3
-15°	601.5	567.0	535.8	501.3	458.0	407.7	355.2	303.6	251.4	186.6	121.8
-17.5°	594.1	560.6	530.5	496.0	451.6	401.6	349.2	298.3	246.1	181.8	117.7
-20°	584.5	554.0	524.7	488.4	444.0	394.3	341.9	292.0	240.2	175.4	112.6



REPORT NUMBER: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7030

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	574.5	545.4	515.8	478.9	434.5	384.4	332.7	284.9	231.5	167.8	106.5
-25°	564.4	534.5	503.2	464.8	421.6	373.5	322.9	276.6	221.0	159.2	100.2
-27.5°	552.8	521.4	487.7	448.9	405.6	362.7	313.0	267.5	210.0	149.6	93.8
-30°	537.2	505.8	469.6	430.2	388.5	346.5	302.2	257.7	199.4	139.1	86.6
-32.5°	519.4	486.2	449.7	408.1	370.4	327.7	289.0	246.3	187.4	127.6	79.6
-35°	498.2	464.0	426.3	387.8	352.7	311.4	273.6	228.8	173.0	115.3	72.2
-37.5°	473.5	438.8	400.0	367.5	330.6	293.9	256.9	209.4	157.4	103.2	65.0
-40°	446.2	409.1	376.5	347.1	310.0	275.0	236.0	190.8	140.8	91.9	58.5
-42.5°	413.0	380.6	354.6	321.3	288.8	254.1	210.2	168.9	121.5	80.9	51.6
-45°	378.0	355.4	329.3	298.3	266.0	228.3	189.4	146.5	103.4	69.7	44.3
-47.5°	345.1	327.0	302.4	272.5	238.9	199.6	164.5	123.5	87.7	61.2	38.0
-50°	315.1	295.1	272.7	243.3	205.5	175.5	138.7	101.8	74.2	51.5	33.0
-52.5°	281.6	258.9	238.4	206.5	179.3	147.2	112.6	84.6	61.3	41.5	28.2
-55°	239.3	222.0	197.8	176.5	149.1	118.5	91.1	70.1	48.8	35.1	23.3
-57.5°	201.1	181.6	165.3	144.2	118.1	93.0	74.8	53.2	38.1	28.8	18.1
-60°	161.8	148.1	130.9	110.9	90.6	75.5	55.9	40.0	31.1	22.4	12.5
-62.5°	126.0	114.4	96.8	83.1	73.3	54.3	39.5	31.4	24.3	16.1	7.0
-65°	93.4	79.9	71.9	65.8	47.0	36.2	30.0	24.3	17.6	9.9	5.7
-67.5°	64.4	60.2	49.7	37.8	31.0	27.0	22.6	17.3	11.0	6.6	4.6
-70°	41.4	33.6	28.0	25.8	23.1	19.8	15.5	10.4	7.0	5.1	3.5
-72.5°	22.6	21.8	20.5	18.7	16.2	12.9	8.8	7.0	5.3	3.8	2.6
-75°	16.5	15.6	14.1	12.0	9.5	8.1	6.5	5.1	3.9	2.8	2.0
-77.5°	11.1	9.8	8.8	7.8	6.8	5.7	4.6	3.6	2.7	2.0	1.4
-80°	7.3	6.6	5.9	5.2	4.5	3.8	3.1	2.5	1.9	1.4	1.0
-82.5°	4.5	4.1	3.6	3.2	2.8	2.5	2.0	1.6	1.3	1.0	0.8
-85°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.7	0.5
-87.5°	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	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



REPORT NUMBER: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-15W-7030

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	0.2	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	0.3	0.3	0.2	0.0
62.5°	2.2	1.2	0.6	0.4	0.3	0.2	0.0
60°	3.1	1.6	0.8	0.4	0.3	0.2	0.0
57.5°	4.2	2.1	1.0	0.5	0.3	0.2	0.0
55°	5.3	2.7	1.2	0.6	0.3	0.2	0.0
52.5°	6.3	3.6	1.5	0.7	0.3	0.2	0.0
50°	7.7	4.4	1.9	0.8	0.3	0.3	0.0
47.5°	9.1	5.2	2.3	0.9	0.4	0.3	0.0
45°	11.2	6.0	2.8	1.0	0.4	0.3	0.0
42.5°	13.3	6.8	3.4	1.2	0.4	0.3	0.0
40°	17.0	7.7	3.9	1.4	0.4	0.3	0.0
37.5°	20.7	8.6	4.5	1.5	0.5	0.3	0.0
35°	26.4	10.0	5.0	1.7	0.5	0.3	0.0
32.5°	32.9	11.7	5.4	2.0	0.6	0.3	0.0
30°	39.0	13.3	5.9	2.2	0.6	0.3	0.0
27.5°	44.6	15.3	6.3	2.4	0.7	0.3	0.0
25°	49.8	18.2	6.7	2.6	0.7	0.3	0.0
22.5°	54.6	21.1	7.2	2.8	0.7	0.3	0.0
20°	59.0	23.8	7.6	3.0	0.8	0.3	0.0
17.5°	63.0	26.5	7.9	3.3	0.8	0.3	0.0
15°	66.5	29.1	8.2	3.4	0.8	0.3	0.0
12.5°	69.6	31.7	8.5	3.6	0.8	0.3	0.0
10°	72.2	33.9	8.7	3.8	0.9	0.3	0.0
7.5°	74.4	35.8	8.9	3.9	0.9	0.3	0.0
5°	76.1	37.2	9.0	4.0	0.9	0.3	0.0
2.5°	77.3	38.3	9.1	4.0	0.9	0.3	0.0
0°	78.0	39.0	9.1	4.0	0.9	0.3	0.0
-2.5°	78.3	39.2	9.5	4.1	0.9	0.3	0.0
-5°	78.0	39.1	9.9	4.1	0.9	0.3	0.0
-7.5°	77.3	38.5	10.2	4.1	0.9	0.3	0.0
-10°	76.1	37.6	10.4	4.0	0.9	0.3	0.0
-12.5°	74.4	36.3	10.5	3.9	0.9	0.3	0.0
-15°	72.2	34.7	10.6	3.8	0.9	0.3	0.0
-17.5°	69.4	32.9	10.5	3.7	0.9	0.3	0.0
-20°	66.1	30.9	10.3	3.5	0.9	0.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P622906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-15W-7030

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.7	28.7	10.0	3.4	0.9	0.3	0.0
-25°	59.1	26.3	9.5	3.2	0.9	0.3	0.0
-27.5°	55.2	23.7	9.0	3.0	0.8	0.3	0.0
-30°	50.8	21.8	8.3	2.8	0.8	0.3	0.0
-32.5°	46.1	20.1	7.5	2.6	0.8	0.3	0.0
-35°	41.1	18.2	6.5	2.4	0.7	0.3	0.0
-37.5°	36.2	16.3	5.6	2.2	0.7	0.3	0.0
-40°	32.1	14.7	5.1	2.0	0.6	0.3	0.0
-42.5°	27.8	12.8	4.6	1.8	0.6	0.3	0.0
-45°	24.6	10.8	4.1	1.6	0.6	0.3	0.0
-47.5°	21.1	8.6	3.6	1.4	0.6	0.3	0.0
-50°	17.8	6.2	3.2	1.3	0.5	0.3	0.0
-52.5°	14.3	5.4	2.7	1.2	0.5	0.3	0.0
-55°	10.6	4.7	2.3	1.0	0.5	0.3	0.0
-57.5°	6.6	3.9	2.0	0.9	0.4	0.3	0.0
-60°	5.6	3.3	1.6	0.8	0.4	0.3	0.0
-62.5°	4.6	2.7	1.4	0.7	0.4	0.2	0.0
-65°	3.7	2.2	1.2	0.6	0.4	0.2	0.0
-67.5°	2.9	1.7	1.0	0.6	0.4	0.2	0.0
-70°	2.2	1.4	0.8	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)