

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: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **LSF25-XX-PC-22W-7030**

Issue Date: 10/4/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P622909 (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-22W-7030  
Description: Flood light with selectable wattage and CCT  
Light Source: (1) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

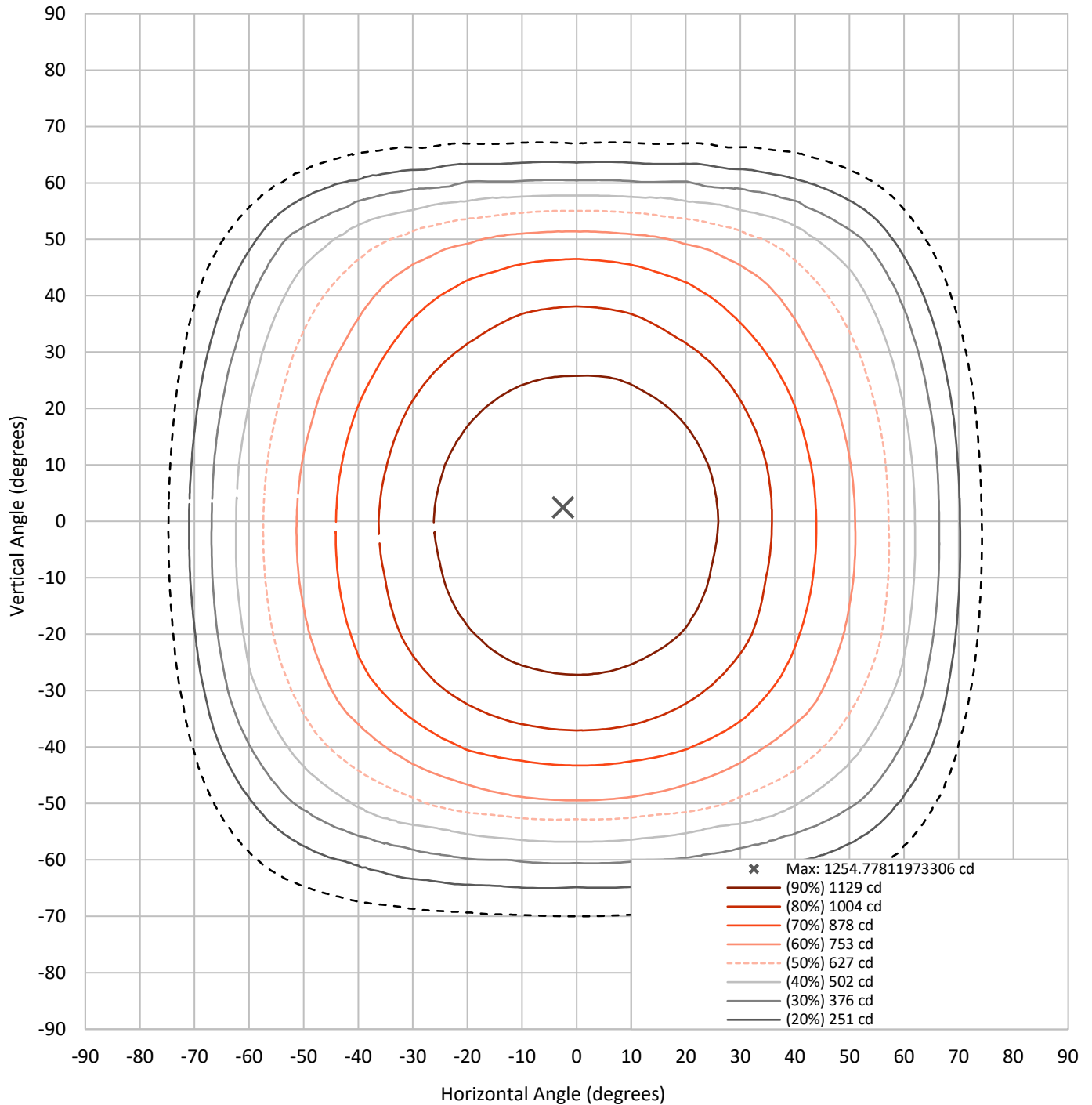
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3320 lumens	Max Intensity:	1254.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	145.0 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:	2704.9 lumens	Field Lumens:	3273.7 lumens
Beam Efficiency:	81.5%	Field Efficiency:	98.6%
Input Watts (W):	22.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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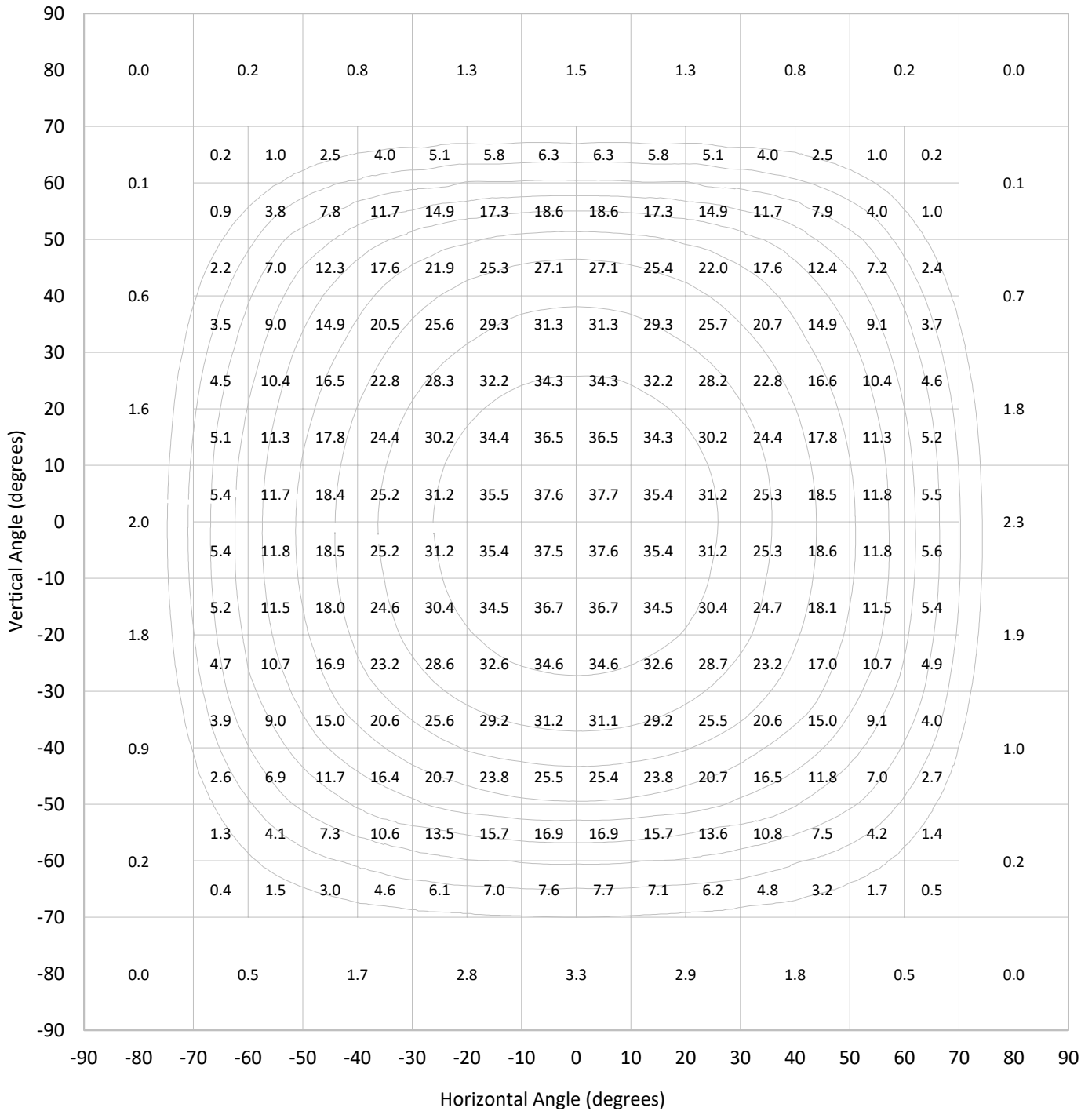
### Iso-Candela Plot





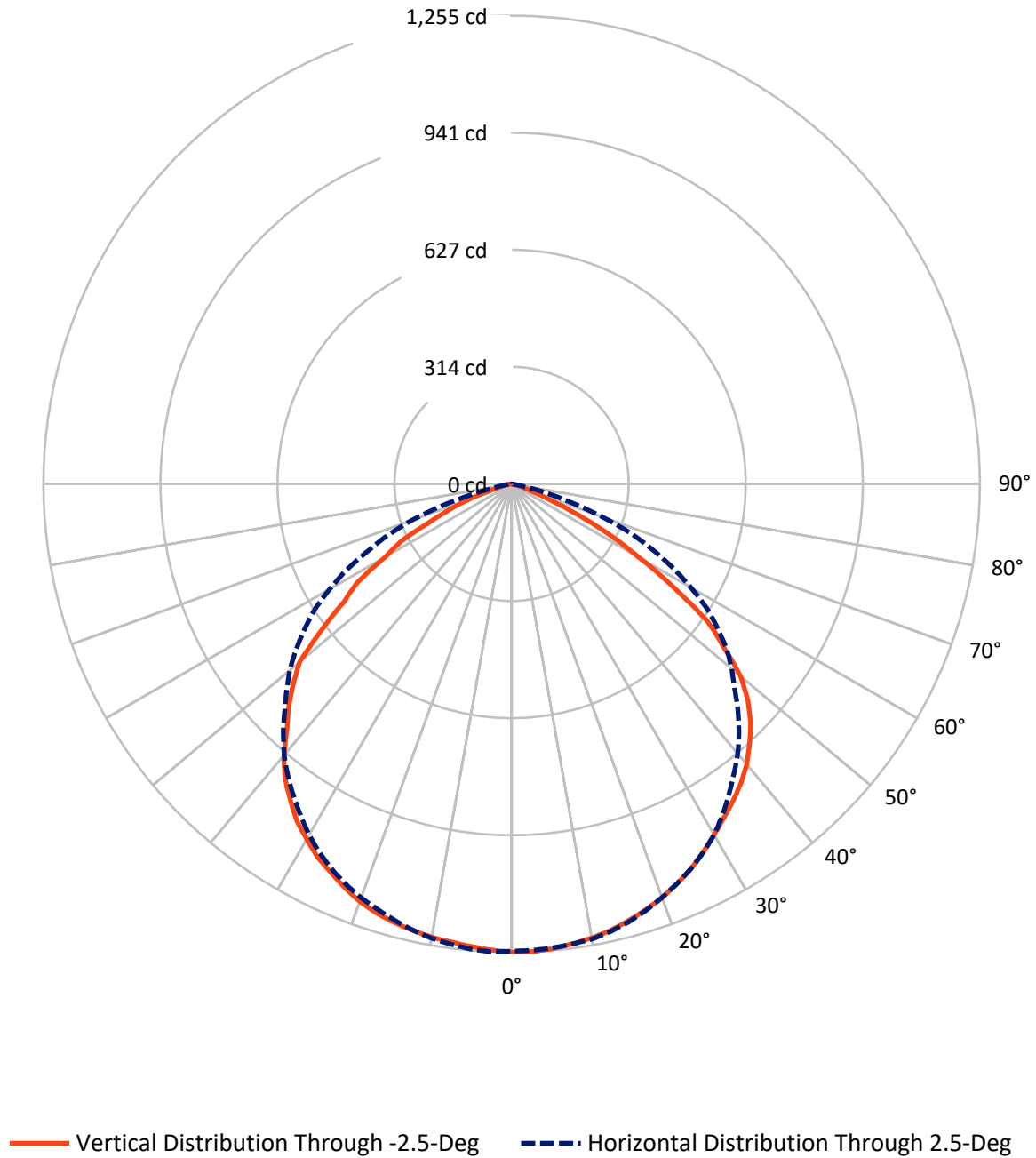
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### Lumen Table



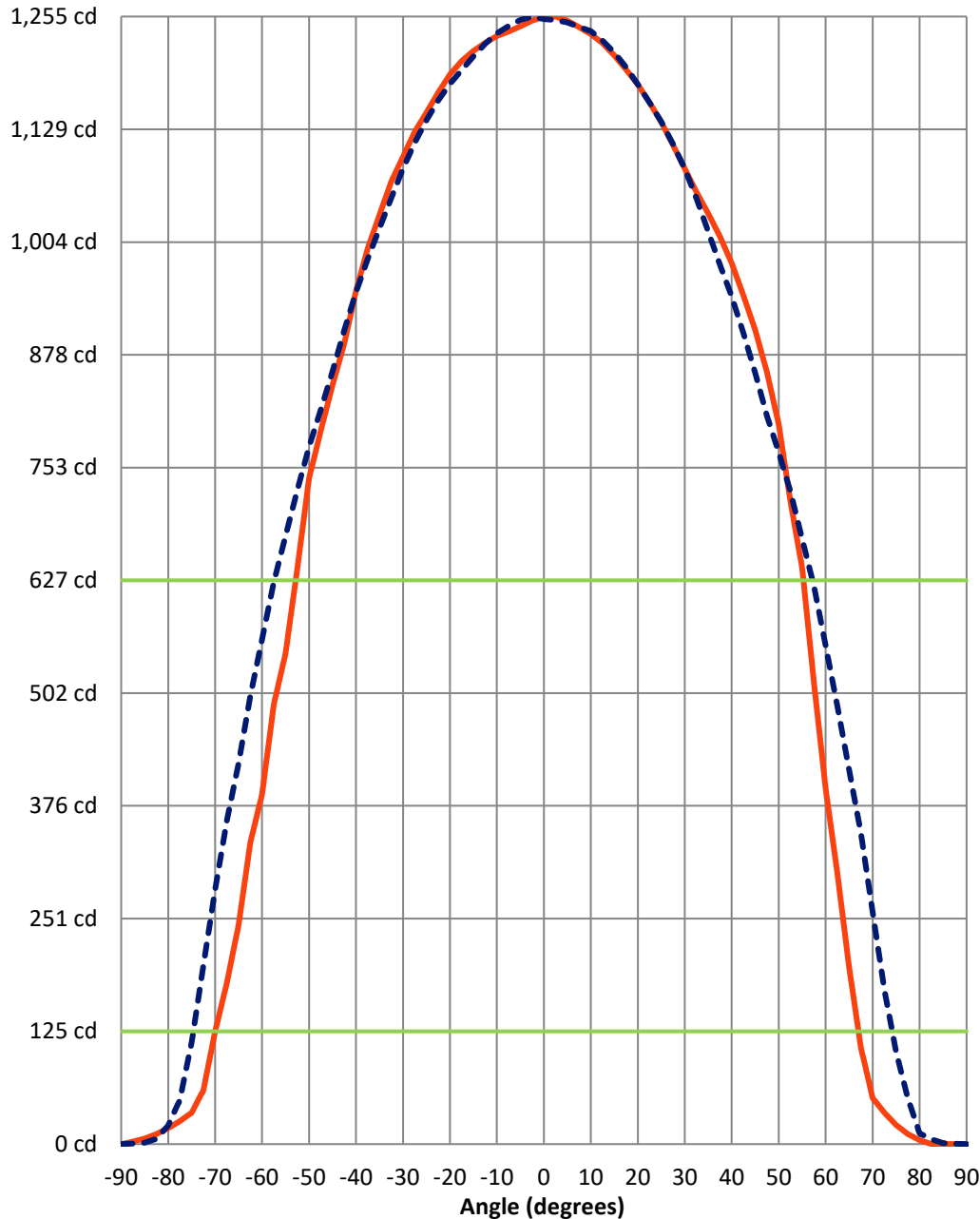
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 114.6°  
 V Angle: 108.1°  
 Lumens: 2704.9  
 Efficiency: 81.5%

**Field:**  
 H Angle: 148.8°  
 V Angle: 137°  
 Lumens: 3273.7  
 Efficiency: 98.6%

**Spill:**  
 Lumens: 46.3  
 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	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
82.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
77.5°	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8
75°	0.0	0.2	0.4	0.4	0.4	0.5	0.6	0.7	0.9	1.2	1.7
72.5°	0.0	0.3	0.4	0.4	0.5	0.6	0.8	1.1	1.5	2.3	3.5
70°	0.0	0.3	0.4	0.5	0.6	0.8	1.1	1.6	2.7	4.3	6.3
67.5°	0.0	0.4	0.4	0.5	0.7	1.0	1.6	2.7	4.6	6.8	9.2
65°	0.0	0.4	0.5	0.6	0.8	1.4	2.4	4.2	6.8	9.5	12.6
62.5°	0.0	0.4	0.5	0.6	1.0	1.8	3.3	6.1	9.0	12.6	16.8
60°	0.0	0.4	0.5	0.7	1.2	2.5	4.8	8.0	11.7	16.2	24.4
57.5°	0.0	0.4	0.5	0.8	1.6	3.2	6.3	10.1	14.7	20.3	43.8
55°	0.0	0.4	0.5	0.9	2.0	4.2	7.9	12.6	18.0	36.6	67.1
52.5°	0.0	0.4	0.6	1.1	2.4	5.4	9.6	15.6	21.9	56.9	90.2
50°	0.0	0.4	0.6	1.3	3.0	6.5	12.3	19.0	39.9	77.7	120.9
47.5°	0.0	0.4	0.7	1.4	3.6	7.8	15.2	22.8	58.2	98.3	148.1
45°	0.0	0.5	0.7	1.7	4.2	9.0	18.3	32.0	75.6	125.6	175.1
42.5°	0.0	0.5	0.7	2.0	5.0	10.8	21.6	45.6	92.6	150.3	203.4
40°	0.0	0.5	0.8	2.2	5.8	13.4	25.1	58.9	110.9	173.0	231.4
37.5°	0.0	0.5	0.8	2.5	6.6	15.9	28.8	71.8	132.0	194.6	256.4
35°	0.0	0.5	0.9	2.8	7.3	18.6	35.8	84.7	150.7	214.7	278.6
32.5°	0.0	0.5	1.0	3.2	8.1	21.3	44.2	97.6	167.2	233.2	299.7
30°	0.0	0.5	1.1	3.5	8.8	24.0	51.8	110.7	182.9	251.4	321.6
27.5°	0.0	0.5	1.1	3.8	9.5	26.7	60.0	125.2	197.7	269.0	342.1
25°	0.0	0.5	1.2	4.1	10.4	29.4	67.6	138.6	211.3	284.6	355.7
22.5°	0.0	0.5	1.3	4.3	12.0	32.0	74.6	150.3	223.5	298.5	368.2
20°	0.0	0.5	1.3	4.6	13.6	34.5	81.3	160.0	234.6	311.4	380.8
17.5°	0.0	0.5	1.4	4.9	15.0	36.9	88.3	168.6	244.6	323.7	391.8
15°	0.0	0.5	1.4	5.1	16.3	39.6	94.5	176.3	254.3	334.4	400.9
12.5°	0.0	0.5	1.5	5.4	17.5	42.5	100.0	182.9	262.7	343.5	407.9
10°	0.0	0.5	1.5	5.6	18.6	44.9	104.6	188.5	269.8	349.7	413.8
7.5°	0.0	0.5	1.5	5.7	19.5	46.9	108.4	193.0	275.6	354.3	418.4
5°	0.0	0.5	1.6	5.8	20.2	48.4	111.2	196.4	280.1	357.7	421.8
2.5°	0.0	0.5	1.6	5.9	20.7	49.5	113.2	198.7	283.1	359.9	423.9
0°	0.0	0.5	1.6	5.9	21.1	50.2	114.2	199.8	284.7	361.0	424.7
-2.5°	0.0	0.6	1.6	6.0	21.2	50.7	114.3	199.9	285.0	361.9	425.7
-5°	0.0	0.6	1.6	6.0	21.1	50.8	113.4	198.9	283.7	361.6	425.4
-7.5°	0.0	0.6	1.6	5.9	20.8	50.5	111.6	196.7	281.0	360.1	423.7
-10°	0.0	0.6	1.6	5.8	20.3	49.8	109.0	193.4	276.8	357.4	420.7
-12.5°	0.0	0.6	1.6	5.7	19.6	48.7	105.5	189.0	271.2	353.2	416.3
-15°	0.0	0.6	1.6	5.6	18.7	47.2	101.3	183.4	264.0	347.0	410.5
-17.5°	0.0	0.6	1.6	5.4	17.6	45.5	96.3	176.8	255.4	339.6	403.8
-20°	0.0	0.6	1.5	5.2	16.3	43.5	90.7	169.0	246.5	331.0	396.2

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Scaled Data Report



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CATALOG NUMBER: LSF25-XX-PC-22W-7030

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	1.5	4.9	14.9	41.2	85.3	160.1	236.5	319.7	387.5
-25°	0.0	0.6	1.4	4.7	13.3	38.4	79.8	149.6	225.3	306.1	376.8
-27.5°	0.0	0.5	1.4	4.5	12.2	35.2	73.5	137.7	212.7	290.5	364.8
-30°	0.0	0.5	1.3	4.3	11.3	32.4	66.9	124.9	198.9	272.8	350.4
-32.5°	0.0	0.5	1.2	4.0	10.2	29.6	61.5	113.6	183.9	254.3	333.8
-35°	0.0	0.5	1.2	3.7	9.0	26.7	55.4	102.7	167.7	236.3	310.9
-37.5°	0.0	0.5	1.1	3.4	7.9	23.6	49.1	91.8	150.2	216.9	283.2
-40°	0.0	0.5	1.0	3.1	7.2	20.3	42.8	80.8	131.4	196.1	255.4
-42.5°	0.0	0.5	1.0	2.8	6.5	16.9	35.9	70.1	115.8	173.0	229.6
-45°	0.0	0.5	1.0	2.5	5.8	13.9	31.6	60.1	101.8	149.1	202.9
-47.5°	0.0	0.5	0.9	2.2	5.2	11.4	27.1	49.9	86.9	125.3	175.5
-50°	0.0	0.5	0.8	2.0	4.6	8.5	22.4	39.7	71.5	107.5	148.0
-52.5°	0.0	0.5	0.8	1.8	4.0	7.5	17.7	33.0	57.2	88.5	122.3
-55°	0.0	0.5	0.7	1.6	3.5	6.4	13.4	27.3	43.7	70.3	101.4
-57.5°	0.0	0.5	0.7	1.3	2.9	5.5	9.0	21.5	33.8	54.5	78.6
-60°	0.0	0.4	0.7	1.2	2.4	4.6	7.6	15.5	26.9	38.5	60.9
-62.5°	0.0	0.4	0.6	1.1	2.1	3.8	6.2	9.5	20.2	30.0	42.9
-65°	0.0	0.4	0.6	1.0	1.7	3.1	5.1	7.8	13.5	22.6	31.2
-67.5°	0.0	0.4	0.6	0.8	1.4	2.4	4.0	6.2	9.4	15.5	23.1
-70°	0.0	0.4	0.5	0.8	1.2	1.9	3.1	4.8	7.0	10.3	15.7
-72.5°	0.0	0.3	0.5	0.7	1.0	1.5	2.4	3.6	5.4	7.4	10.3
-75°	0.0	0.3	0.5	0.6	0.9	1.2	1.8	2.7	3.9	5.5	7.3
-77.5°	0.0	0.2	0.4	0.6	0.7	1.0	1.3	2.0	2.9	3.9	5.2
-80°	0.0	0.2	0.4	0.5	0.6	0.8	1.0	1.4	2.0	2.7	3.6
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.4	1.8	2.4
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.5
-87.5°	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.7	0.9
-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: LSF25-XX-PC-22W-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	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.5	0.5	0.6	0.7	0.8	1.0	1.2	1.4	1.7	2.0	2.2
77.5°	1.0	1.3	1.7	2.3	3.0	3.7	4.4	5.1	5.7	6.3	6.9
75°	2.3	3.4	4.7	5.8	6.9	7.8	8.8	10.2	11.5	12.8	13.9
72.5°	5.2	6.8	8.2	9.6	11.6	13.6	15.7	18.1	20.1	22.1	23.8
70°	8.2	10.2	12.7	15.3	18.2	23.1	27.8	30.2	37.8	44.7	48.7
67.5°	11.8	14.9	18.5	25.5	34.9	44.2	54.5	64.5	70.8	75.8	81.3
65°	16.4	22.3	33.2	48.9	63.2	80.2	91.0	101.7	114.6	127.4	135.2
62.5°	25.2	41.9	61.2	81.8	101.8	116.3	137.0	163.0	175.8	207.4	217.8
60°	45.7	68.6	95.6	118.0	140.0	178.3	206.2	239.6	256.3	264.6	286.8
57.5°	70.8	101.6	128.9	157.7	212.0	246.9	283.0	299.1	320.9	350.4	368.9
55°	99.6	133.9	166.8	233.7	277.6	315.8	338.7	369.7	386.5	438.5	467.6
52.5°	132.1	167.9	230.6	290.3	342.4	370.3	397.2	427.4	474.9	504.3	525.6
50°	161.1	216.4	279.6	343.7	393.6	417.0	451.1	496.2	524.3	561.7	597.4
47.5°	195.3	260.4	324.1	384.4	427.3	462.7	505.2	538.1	580.1	610.0	643.0
45°	234.4	297.7	364.5	413.4	458.8	507.6	544.9	585.9	616.6	650.3	678.4
42.5°	267.1	334.6	392.1	439.0	492.8	543.0	583.5	616.6	650.6	681.6	716.8
40°	295.7	363.3	416.5	469.2	522.6	571.8	612.0	645.0	678.5	713.8	745.2
37.5°	324.1	385.8	439.0	496.5	548.7	597.1	634.3	670.4	705.2	738.1	772.5
35°	348.7	407.2	463.5	519.5	573.2	617.9	656.9	692.6	725.9	761.8	800.0
32.5°	365.3	424.4	485.2	540.1	595.4	637.4	677.2	712.7	746.4	786.0	821.7
30°	384.2	443.5	503.0	561.0	613.5	656.4	696.4	732.4	768.5	805.5	842.8
27.5°	402.2	460.9	518.8	580.2	629.4	673.1	714.1	751.0	789.0	826.2	862.8
25°	416.2	478.6	533.5	596.9	644.3	689.3	730.7	768.9	807.7	846.3	882.7
22.5°	430.1	493.5	552.3	611.2	658.0	704.4	745.4	784.6	825.4	865.5	901.7
20°	443.4	506.8	568.6	623.9	670.2	718.1	758.3	799.1	841.6	881.7	917.5
17.5°	455.4	519.1	582.6	635.9	683.7	730.2	769.3	812.2	856.4	896.4	932.2
15°	467.1	529.9	594.0	646.9	695.6	741.3	781.2	824.2	868.7	907.7	945.0
12.5°	477.6	539.8	603.6	656.2	705.4	751.3	792.2	835.8	879.4	918.1	955.7
10°	486.3	548.0	611.8	663.6	713.5	759.7	801.4	845.1	888.8	928.6	965.7
7.5°	491.8	554.4	617.8	669.5	719.8	766.6	808.6	852.1	896.4	937.1	974.4
5°	496.0	559.0	622.4	673.9	724.5	772.0	813.9	857.1	902.0	943.6	980.8
2.5°	498.7	561.9	625.4	676.9	727.7	776.0	817.3	860.0	905.7	948.1	985.0
0°	500.1	563.1	626.9	678.3	729.1	778.4	819.0	860.9	907.5	950.5	987.2
-2.5°	501.4	564.2	627.3	679.1	729.7	778.6	820.4	862.6	908.0	950.2	986.6
-5°	501.3	563.8	626.0	678.4	728.7	777.1	820.2	862.3	906.4	947.9	984.0
-7.5°	499.9	561.6	623.3	675.9	726.3	773.9	818.2	860.1	902.9	943.6	979.3
-10°	497.1	557.8	619.1	671.8	722.4	769.0	814.2	856.1	898.0	937.6	972.9
-12.5°	491.2	552.3	613.4	665.8	717.1	762.1	808.3	850.6	891.9	930.0	965.5
-15°	483.5	545.4	606.7	658.4	710.5	753.7	799.9	843.4	884.0	921.4	956.9
-17.5°	474.8	537.8	598.5	649.7	700.8	744.4	788.3	833.0	874.2	911.2	946.4
-20°	463.8	529.3	587.8	639.4	689.0	735.1	775.5	819.8	862.2	899.6	933.9



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 CATALOG NUMBER: LSF25-XX-PC-22W-7030

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	449.6	519.0	575.1	628.3	673.7	722.6	761.9	804.3	847.0	886.7	920.2
-25°	435.1	507.2	559.8	614.2	657.5	706.1	747.8	786.5	827.9	870.8	904.2
-27.5°	421.3	493.0	542.1	595.8	640.7	686.1	732.1	768.8	807.4	848.6	885.7
-30°	407.7	469.3	522.9	572.9	622.7	664.0	710.6	751.1	785.8	822.7	859.1
-32.5°	391.5	441.0	501.5	546.6	600.8	642.2	685.4	729.5	764.2	795.4	829.9
-35°	371.0	418.9	476.8	522.0	572.1	620.1	658.2	701.3	736.9	764.8	799.3
-37.5°	348.0	396.6	444.6	496.3	539.0	590.9	632.7	666.8	701.5	732.4	761.4
-40°	320.1	372.0	417.0	466.5	508.1	554.0	601.8	632.9	664.1	694.7	722.5
-42.5°	285.9	344.2	389.4	431.0	476.7	515.3	560.5	598.7	626.1	654.6	681.5
-45°	254.2	310.5	359.2	401.8	440.5	478.3	512.4	556.6	588.9	613.5	638.7
-47.5°	224.2	271.1	324.7	367.1	406.8	436.9	465.1	501.3	543.9	573.3	594.4
-50°	193.6	237.1	280.2	329.5	367.0	397.9	422.1	444.3	479.6	521.6	551.4
-52.5°	162.6	203.6	242.1	282.2	322.6	350.1	381.5	401.3	417.8	445.4	486.6
-55°	133.4	169.7	205.8	239.3	271.4	301.9	325.3	357.7	376.4	387.4	400.4
-57.5°	108.3	137.5	169.2	199.7	225.7	251.4	275.1	292.5	316.6	344.5	355.6
-60°	83.1	109.9	135.1	160.0	182.5	204.5	226.6	244.4	254.9	270.0	296.9
-62.5°	62.7	82.1	106.3	124.2	141.4	160.7	175.7	194.8	213.6	222.0	230.6
-65°	43.1	60.8	75.3	93.3	106.9	118.5	133.4	146.1	154.9	169.6	183.8
-67.5°	30.2	39.0	54.5	62.3	73.9	86.2	94.9	102.4	112.0	124.1	129.3
-70°	22.0	27.5	33.7	40.4	47.1	52.8	61.0	70.1	75.0	78.5	82.3
-72.5°	14.6	19.9	23.7	26.1	29.2	31.7	34.1	36.2	41.3	46.9	50.0
-75°	9.2	12.7	16.1	18.5	20.4	21.8	22.7	23.1	23.7	25.5	26.9
-77.5°	6.6	8.2	9.6	11.2	13.2	14.6	15.8	16.6	17.6	18.6	19.5
-80°	4.5	5.6	6.5	7.4	8.3	9.3	10.2	11.0	11.8	12.5	13.1
-82.5°	3.0	3.6	4.1	4.7	5.3	5.8	6.4	7.0	7.5	7.9	8.3
-85°	1.8	2.2	2.5	2.7	3.0	3.3	3.7	4.0	4.2	4.4	4.6
-87.5°	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	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: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-22W-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
82.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	2.5	2.7	2.9	3.1	3.2	3.5	3.7	3.9	4.0	4.2	4.3
77.5°	7.5	8.1	8.5	9.0	9.5	10.0	10.3	10.5	10.6	10.9	11.1
75°	15.0	16.0	16.7	17.6	18.4	19.0	19.5	20.0	20.2	20.6	21.0
72.5°	26.7	29.0	29.2	29.4	30.6	31.5	32.3	32.9	33.2	33.8	34.4
70°	50.1	49.0	46.9	46.5	49.0	50.6	51.1	50.9	50.9	51.3	52.2
67.5°	84.4	84.2	84.3	87.1	98.1	104.5	103.8	101.1	99.6	102.9	108.9
65°	148.3	168.7	166.9	160.0	177.5	192.5	191.2	189.1	188.4	192.2	197.1
62.5°	220.2	236.8	241.7	243.2	265.9	276.3	279.9	282.4	282.0	283.6	290.0
60°	304.7	322.6	337.5	339.3	339.4	362.8	385.7	388.8	386.6	384.6	390.7
57.5°	399.1	409.0	423.0	437.2	448.1	451.7	468.9	492.5	500.3	497.1	504.2
55°	477.3	491.6	505.6	531.3	563.9	580.3	577.7	579.4	596.8	617.8	624.5
52.5°	553.9	577.1	605.6	622.9	633.8	648.3	671.0	684.4	691.5	695.0	701.9
50°	619.9	641.9	655.8	680.2	706.3	722.7	733.7	752.1	766.1	780.4	787.7
47.5°	666.4	689.3	717.3	736.0	763.5	781.5	793.9	806.7	825.4	838.1	845.0
45°	711.9	735.4	763.3	784.4	802.8	826.3	843.5	855.5	866.0	879.6	890.3
42.5°	745.3	776.8	801.3	825.0	845.7	862.5	882.3	896.2	908.9	918.1	928.5
40°	778.4	813.7	835.5	857.0	879.3	897.0	920.1	931.4	943.6	954.1	965.4
37.5°	809.1	838.7	864.1	885.2	908.6	927.0	949.1	963.4	974.4	986.3	996.3
35°	832.6	862.6	886.9	909.4	932.8	954.8	973.4	987.7	999.6	1012.2	1023.6
32.5°	855.2	883.8	908.1	932.5	956.8	978.2	994.6	1008.0	1022.1	1036.0	1048.3
30°	876.1	904.8	931.4	956.1	980.4	1000.9	1017.7	1031.7	1046.7	1061.2	1073.6
27.5°	896.5	926.2	954.0	980.3	1004.4	1025.2	1042.1	1058.0	1072.3	1087.7	1099.2
25°	915.9	946.8	975.9	1002.8	1027.4	1047.7	1066.6	1084.1	1099.2	1112.7	1122.2
22.5°	934.6	966.1	995.8	1023.8	1047.6	1069.6	1089.8	1106.7	1121.6	1134.5	1143.6
20°	951.6	983.9	1014.5	1041.7	1067.0	1089.2	1108.5	1126.2	1140.7	1153.1	1162.4
17.5°	966.8	999.6	1030.1	1059.2	1083.5	1105.5	1126.1	1142.3	1157.5	1169.2	1178.9
15°	979.9	1013.4	1044.9	1073.6	1097.7	1120.9	1140.2	1157.5	1172.1	1184.6	1193.9
12.5°	990.9	1024.8	1057.1	1085.7	1110.8	1133.7	1152.4	1169.2	1184.6	1197.4	1207.0
10°	1000.6	1034.7	1067.4	1096.0	1121.8	1143.3	1162.6	1178.7	1194.4	1207.1	1217.5
7.5°	1009.1	1042.9	1075.8	1104.6	1128.8	1151.6	1170.0	1186.9	1201.3	1215.0	1225.4
5°	1015.2	1049.1	1081.7	1110.7	1135.1	1157.6	1176.0	1191.5	1205.9	1220.3	1231.5
2.5°	1019.2	1052.7	1085.4	1114.3	1139.4	1161.4	1179.9	1195.2	1210.4	1224.4	1236.0
0°	1021.0	1054.0	1086.9	1115.7	1141.3	1163.2	1181.2	1197.0	1213.2	1227.4	1238.3
-2.5°	1020.1	1052.9	1085.4	1114.5	1139.1	1160.6	1178.0	1193.8	1209.6	1224.2	1236.6
-5°	1017.2	1049.7	1081.4	1111.0	1135.3	1156.3	1172.9	1188.6	1204.5	1219.6	1231.7
-7.5°	1012.2	1044.2	1075.0	1105.2	1130.6	1151.3	1168.5	1184.0	1199.4	1213.7	1226.0
-10°	1005.5	1037.5	1068.6	1099.1	1125.2	1145.1	1163.0	1178.6	1193.5	1208.1	1220.0
-12.5°	999.7	1031.9	1063.0	1091.9	1117.7	1138.5	1155.7	1172.3	1187.3	1201.0	1211.8
-15°	991.2	1024.5	1055.3	1082.4	1107.9	1129.3	1147.0	1164.0	1179.4	1191.2	1202.4
-17.5°	980.5	1014.8	1045.5	1074.2	1095.5	1116.8	1134.9	1152.5	1167.7	1179.8	1189.1
-20°	966.8	1001.1	1033.3	1058.2	1080.7	1100.4	1120.7	1136.5	1152.2	1165.7	1174.8

Classified

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

Scaled Data Report



REPORT NUMBER: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-22W-7030

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	952.1	984.0	1015.0	1041.6	1062.7	1083.2	1101.1	1119.3	1134.7	1147.0	1155.9
-25°	934.3	962.8	993.4	1022.0	1044.7	1062.5	1081.9	1099.3	1113.6	1125.7	1135.4
-27.5°	913.3	941.5	969.4	997.4	1023.5	1042.7	1059.2	1075.6	1091.4	1102.9	1109.8
-30°	888.5	916.9	943.8	970.6	994.8	1016.1	1035.3	1050.3	1063.9	1075.3	1084.4
-32.5°	860.2	886.5	915.0	940.7	963.2	984.1	1003.0	1020.7	1033.5	1044.5	1054.8
-35°	831.0	855.3	879.1	906.7	931.6	950.0	967.4	983.5	998.1	1009.3	1017.1
-37.5°	797.2	826.8	845.1	865.7	891.6	916.7	933.3	946.1	960.1	972.5	981.9
-40°	751.4	787.1	811.3	827.4	844.1	865.6	890.5	904.6	913.5	923.0	933.3
-42.5°	706.5	733.6	763.7	787.0	802.4	816.1	832.7	849.0	861.9	870.2	874.8
-45°	662.7	688.4	711.7	735.3	755.4	769.6	785.3	799.6	811.8	822.2	830.2
-47.5°	614.8	639.6	665.2	687.1	704.5	721.2	737.8	752.0	763.7	773.3	781.3
-50°	561.7	575.9	599.4	628.0	652.6	666.8	678.6	693.1	707.6	720.3	728.5
-52.5°	512.6	522.2	526.2	539.0	561.1	585.2	598.0	604.1	609.3	618.7	631.0
-55°	431.6	463.5	477.2	480.5	481.0	493.9	512.0	524.1	530.4	529.6	536.0
-57.5°	362.0	372.2	395.4	417.4	432.6	436.2	442.3	452.9	464.0	474.3	482.5
-60°	317.7	323.1	325.6	330.1	342.3	359.6	370.1	375.2	375.4	375.7	382.9
-62.5°	243.1	265.1	278.8	283.6	286.6	294.5	305.1	315.6	321.1	324.7	328.9
-65°	194.7	199.5	204.6	209.2	224.3	233.9	234.0	233.2	233.4	240.2	246.6
-67.5°	134.8	138.8	146.0	156.5	162.3	163.5	163.3	164.1	164.2	167.3	172.1
-70°	88.6	97.1	101.7	102.4	103.0	106.1	111.1	116.9	118.8	119.2	120.4
-72.5°	50.7	50.2	49.3	52.0	54.6	56.7	59.5	60.8	60.5	60.6	60.7
-75°	29.1	30.4	30.1	30.3	31.1	31.8	32.7	33.5	33.7	34.0	34.5
-77.5°	20.2	21.0	21.6	22.2	22.8	23.4	23.9	24.3	24.6	24.9	25.2
-80°	13.8	14.4	15.0	15.5	15.9	16.3	16.7	17.0	17.2	17.4	17.6
-82.5°	8.7	9.1	9.4	9.7	10.0	10.2	10.4	10.6	10.8	10.9	11.0
-85°	4.8	5.0	5.2	5.4	5.6	5.7	5.8	5.9	6.0	6.1	6.1
-87.5°	2.2	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.7	2.8
-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: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-22W-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	0.1	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°	4.4	4.4	4.4	4.3	4.4	4.4	4.3	4.2	4.1	3.9	3.8
77.5°	11.2	11.3	11.2	11.1	11.2	11.2	11.1	11.0	10.7	10.4	10.3
75°	21.2	21.3	21.3	21.1	21.3	21.3	21.2	21.0	20.6	20.2	19.9
72.5°	34.8	35.0	35.0	34.7	35.0	35.0	34.9	34.5	33.9	33.4	33.5
70°	52.5	52.2	51.5	50.4	51.6	52.4	52.7	52.6	51.7	51.2	51.3
67.5°	111.5	110.8	107.5	102.6	107.6	110.8	111.5	108.6	102.2	99.5	101.8
65°	199.1	198.8	196.5	192.9	197.0	199.7	200.3	198.2	192.8	188.6	190.3
62.5°	298.1	301.5	300.8	296.8	300.6	301.1	297.8	289.9	283.2	281.4	282.1
60°	394.2	395.7	395.3	393.5	395.0	394.9	392.9	388.6	381.5	383.3	387.2
57.5°	509.7	512.6	513.5	512.7	513.2	511.8	508.2	501.6	494.9	499.9	493.3
55°	631.5	637.5	640.5	638.9	640.5	637.5	632.0	625.7	620.2	598.5	579.8
52.5°	709.1	714.0	715.1	713.5	714.9	713.6	708.6	701.4	694.6	691.1	684.9
50°	792.4	797.1	800.8	802.3	799.4	794.3	788.1	781.9	774.6	762.9	750.1
47.5°	851.4	855.8	858.9	860.6	858.3	854.4	849.0	841.3	833.2	820.4	803.3
45°	896.7	902.0	905.8	907.5	904.9	900.3	894.7	888.6	877.5	863.4	850.6
42.5°	936.7	940.8	944.1	946.0	943.9	940.3	935.5	927.1	915.8	904.8	891.7
40°	970.8	975.9	980.3	983.2	980.5	976.2	971.1	965.3	952.9	941.1	928.8
37.5°	1002.6	1007.3	1009.8	1010.5	1009.8	1007.5	1003.1	996.3	985.4	973.1	958.9
35°	1031.3	1034.3	1035.5	1034.9	1035.6	1034.6	1031.5	1023.8	1012.4	999.7	985.9
32.5°	1056.9	1059.1	1059.3	1057.8	1059.9	1060.3	1058.4	1049.5	1037.2	1023.3	1009.2
30°	1083.1	1085.1	1085.4	1083.8	1086.2	1086.5	1085.0	1074.7	1062.2	1047.4	1033.1
27.5°	1107.3	1110.4	1111.8	1111.2	1112.6	1111.9	1109.0	1099.8	1087.2	1071.2	1059.0
25°	1129.5	1134.2	1137.2	1138.1	1138.1	1136.2	1131.6	1123.1	1111.0	1098.1	1084.2
22.5°	1150.6	1155.7	1159.1	1160.1	1160.6	1158.8	1153.5	1144.6	1133.8	1121.5	1107.0
20°	1170.2	1175.9	1179.2	1180.6	1179.9	1177.7	1172.2	1163.7	1153.3	1141.0	1126.9
17.5°	1186.1	1191.7	1195.8	1197.5	1196.7	1193.7	1188.0	1180.5	1169.4	1157.0	1143.5
15°	1201.4	1207.7	1211.5	1212.5	1212.2	1208.6	1202.3	1194.5	1184.8	1171.4	1157.1
12.5°	1214.6	1221.5	1225.1	1225.6	1224.7	1221.1	1215.2	1207.5	1197.0	1184.6	1169.4
10°	1225.5	1231.8	1235.2	1235.0	1234.7	1231.5	1224.8	1217.2	1207.9	1195.5	1179.5
7.5°	1233.5	1241.0	1243.0	1243.1	1241.5	1238.6	1232.4	1225.3	1216.9	1204.2	1188.8
5°	1241.2	1248.1	1250.2	1248.3	1246.5	1244.1	1239.7	1233.2	1224.0	1211.3	1194.9
2.5°	1244.3	1251.0	1254.8	1252.0	1250.8	1248.1	1243.2	1238.5	1227.9	1214.7	1198.3
0°	1246.1	1252.1	1254.6	1253.7	1251.1	1248.4	1244.4	1237.0	1227.6	1215.4	1199.7
-2.5°	1243.3	1249.2	1250.2	1248.4	1246.8	1244.6	1241.9	1236.2	1225.6	1212.0	1195.0
-5°	1239.3	1243.4	1243.9	1241.7	1240.8	1240.2	1237.5	1231.5	1221.7	1207.0	1188.0
-7.5°	1234.0	1238.9	1238.1	1236.1	1235.9	1235.0	1233.3	1227.1	1216.3	1200.9	1183.2
-10°	1227.6	1232.1	1233.1	1230.9	1232.1	1230.3	1227.7	1220.5	1208.6	1193.1	1175.2
-12.5°	1218.7	1223.3	1225.5	1225.9	1226.2	1224.4	1219.7	1211.6	1200.8	1185.8	1169.9
-15°	1209.2	1214.5	1216.5	1217.0	1217.3	1215.4	1210.3	1201.9	1190.7	1178.3	1162.4
-17.5°	1197.0	1203.1	1205.3	1206.0	1205.4	1203.0	1197.4	1190.0	1179.1	1166.6	1151.5
-20°	1182.4	1188.3	1190.3	1190.6	1190.0	1187.7	1182.3	1175.3	1164.3	1151.0	1138.1



REPORT NUMBER: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-22W-7030

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1163.2	1167.4	1170.1	1170.6	1170.7	1168.7	1163.4	1155.3	1144.2	1132.9	1119.6
-25°	1140.8	1145.3	1147.9	1148.4	1148.7	1146.6	1141.0	1133.2	1122.4	1110.8	1099.3
-27.5°	1117.3	1123.5	1126.5	1127.4	1126.5	1123.5	1117.2	1108.4	1100.4	1089.4	1074.7
-30°	1090.8	1095.7	1098.7	1099.8	1098.6	1095.6	1090.9	1084.3	1074.8	1062.5	1048.6
-32.5°	1062.4	1067.9	1071.1	1072.2	1071.6	1069.1	1064.4	1056.3	1045.4	1033.4	1020.1
-35°	1024.1	1030.3	1034.2	1035.6	1035.1	1032.2	1026.7	1019.2	1010.7	998.7	983.3
-37.5°	988.5	993.7	996.9	998.0	997.6	995.2	990.8	984.2	974.1	961.6	947.9
-40°	941.5	947.0	949.4	948.7	950.0	947.9	942.4	933.4	924.0	914.6	903.9
-42.5°	882.4	888.2	891.0	891.1	891.3	889.0	883.9	876.8	871.3	862.6	848.9
-45°	836.6	841.5	844.7	846.0	845.4	842.7	838.1	831.6	823.2	812.4	799.7
-47.5°	787.6	791.7	794.0	794.3	794.3	792.2	788.1	781.7	773.3	763.9	752.9
-50°	734.1	738.3	740.6	740.7	740.8	738.4	733.9	727.7	719.0	706.9	693.0
-52.5°	638.2	641.2	640.3	635.5	639.5	639.3	635.1	626.4	613.6	605.3	601.1
-55°	541.2	544.7	546.4	546.6	545.6	543.0	538.8	532.9	526.0	526.3	519.0
-57.5°	486.1	488.1	489.1	488.2	488.7	487.6	485.4	481.8	473.4	462.1	450.0
-60°	387.5	389.7	389.8	388.1	389.7	389.6	387.4	383.0	376.0	374.7	372.7
-62.5°	332.0	334.2	335.4	335.7	335.4	334.0	331.6	328.0	322.8	317.7	311.1
-65°	248.9	247.8	244.1	238.7	242.4	244.5	244.3	241.0	233.9	227.7	227.7
-67.5°	175.8	178.2	179.5	179.5	178.9	177.2	174.3	170.3	165.3	162.8	163.4
-70°	122.2	124.0	125.2	125.4	125.1	123.8	121.7	119.3	117.0	115.2	112.0
-72.5°	60.8	60.7	60.1	58.9	59.7	59.9	59.5	59.0	58.4	58.0	58.1
-75°	34.7	34.9	35.0	34.9	34.9	34.8	34.6	34.2	33.8	33.3	33.1
-77.5°	25.4	25.5	25.6	25.5	25.5	25.4	25.3	25.0	24.7	24.3	24.0
-80°	17.7	17.8	17.8	17.7	17.7	17.7	17.5	17.4	17.2	16.9	16.7
-82.5°	11.1	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.6	10.5
-85°	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.0	5.9	5.8
-87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6
-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: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-22W-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	0.2	0.2	0.2	0.2
85°	0.1	0.2	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	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.6	1.3
77.5°	10.1	9.8	9.4	8.8	8.3	7.9	7.4	6.8	6.2	5.6	5.0
75°	19.5	19.0	18.3	17.4	16.5	15.9	15.1	14.1	12.9	11.6	10.3
72.5°	33.0	31.9	30.6	29.4	29.0	28.9	27.0	24.3	22.5	20.6	18.6
70°	51.7	51.6	50.7	49.1	49.7	50.5	49.9	48.0	44.3	38.0	31.3
67.5°	104.9	105.4	98.6	87.4	86.1	87.7	85.6	80.2	74.4	68.9	62.4
65°	193.5	195.4	179.9	162.0	167.5	166.5	148.6	139.9	135.7	113.6	101.5
62.5°	281.6	280.8	271.5	248.1	245.7	242.4	223.6	215.5	202.1	178.7	167.8
60°	387.2	365.8	342.6	342.7	342.0	326.3	305.6	291.8	270.7	251.9	229.4
57.5°	468.9	450.6	446.0	438.8	425.3	408.1	404.0	371.3	348.8	323.5	295.4
55°	576.3	577.2	565.3	532.2	503.6	490.1	476.0	462.3	444.1	385.6	366.4
52.5°	673.5	650.1	633.7	621.6	605.6	576.1	550.1	524.0	499.0	470.8	426.7
50°	732.9	721.6	706.7	683.3	656.6	641.3	621.6	593.2	557.1	518.9	488.2
47.5°	791.5	779.2	760.9	736.4	716.7	691.6	666.7	644.8	606.3	572.6	531.3
45°	836.9	821.9	800.2	781.3	761.0	736.4	712.8	679.4	649.8	613.5	576.7
42.5°	877.2	858.0	837.3	819.0	794.9	772.5	747.3	716.7	682.5	649.4	612.1
40°	913.4	891.9	872.5	848.8	827.3	804.4	773.8	745.6	714.1	679.0	643.7
37.5°	943.2	923.7	902.1	878.8	854.8	829.3	801.4	768.8	738.6	706.1	670.3
35°	970.8	950.0	928.5	904.7	880.6	855.1	824.6	793.0	759.6	727.0	693.4
32.5°	995.4	977.3	954.2	928.7	904.8	879.5	850.0	815.1	779.7	745.9	713.9
30°	1019.4	1003.3	981.1	954.8	929.3	903.4	873.6	838.8	799.9	764.9	732.6
27.5°	1044.1	1027.0	1007.1	981.2	953.8	926.2	896.8	861.8	822.7	785.0	750.3
25°	1068.4	1050.8	1028.7	1004.6	976.4	947.7	918.1	883.9	846.4	805.8	767.2
22.5°	1091.4	1071.7	1049.0	1023.8	996.7	966.5	936.1	902.3	864.8	825.0	784.2
20°	1110.3	1090.5	1066.9	1041.5	1014.0	984.1	952.6	918.0	880.8	842.6	800.4
17.5°	1126.8	1106.8	1083.6	1057.2	1030.0	1000.2	967.2	932.1	894.1	856.3	815.0
15°	1141.2	1121.6	1098.1	1072.2	1044.9	1014.0	981.0	945.3	905.4	867.1	827.2
12.5°	1153.1	1134.0	1111.0	1085.9	1057.3	1026.3	992.1	955.6	915.7	876.4	836.7
10°	1162.9	1143.5	1121.6	1096.2	1067.8	1037.2	1001.4	964.9	926.1	885.5	844.6
7.5°	1170.9	1151.1	1129.7	1103.9	1076.1	1044.4	1008.0	972.0	934.1	893.0	850.8
5°	1176.7	1156.5	1134.5	1109.5	1081.7	1049.5	1012.7	976.3	939.7	898.5	855.3
2.5°	1179.3	1159.0	1137.7	1112.8	1085.3	1052.2	1015.3	978.4	943.1	902.1	858.1
0°	1179.2	1159.2	1138.8	1113.9	1086.4	1052.9	1015.5	978.4	944.3	903.8	858.8
-2.5°	1175.5	1156.6	1137.1	1113.3	1084.9	1050.9	1014.3	978.9	944.8	904.0	859.2
-5°	1170.0	1152.4	1133.5	1110.8	1081.0	1046.5	1010.9	977.6	943.2	902.1	857.6
-7.5°	1165.3	1147.6	1128.8	1105.4	1074.9	1039.8	1006.0	974.7	939.8	897.9	854.2
-10°	1160.0	1143.2	1124.4	1099.2	1067.0	1031.3	999.8	970.0	934.4	891.7	849.3
-12.5°	1153.6	1138.1	1118.0	1091.7	1059.3	1026.1	994.5	963.7	926.5	883.7	843.7
-15°	1146.0	1129.8	1108.8	1081.8	1050.7	1019.2	988.7	956.2	917.3	874.8	837.9
-17.5°	1136.7	1118.2	1096.2	1070.4	1041.3	1010.3	979.6	946.9	905.1	865.1	829.2
-20°	1122.8	1103.2	1080.1	1054.7	1028.7	999.2	968.6	934.1	891.3	853.8	818.1

Classified

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

Scaled Data Report



REPORT NUMBER: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-22W-7030

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1104.6	1084.6	1060.9	1037.1	1010.4	984.0	955.9	916.4	877.1	841.6	804.6
-25°	1082.8	1062.2	1040.3	1015.3	991.8	967.3	936.5	896.4	861.1	826.2	788.4
-27.5°	1057.5	1038.8	1015.1	994.0	972.6	945.4	910.5	876.7	843.5	808.5	770.9
-30°	1031.6	1011.5	991.8	973.5	948.4	918.1	883.9	854.0	822.4	789.0	753.8
-32.5°	1001.3	983.5	966.2	945.4	919.3	886.4	858.6	829.3	796.5	767.6	732.1
-35°	968.2	953.3	935.2	911.0	882.8	858.1	830.9	797.5	764.8	738.7	703.6
-37.5°	935.9	917.5	893.0	868.3	849.1	827.4	792.8	757.8	731.7	702.3	669.2
-40°	887.8	865.5	845.2	828.6	809.8	779.6	744.5	719.1	693.6	665.3	631.1
-42.5°	830.7	815.1	802.4	784.4	757.9	726.9	700.3	678.9	654.9	625.1	591.8
-45°	785.5	770.4	754.5	732.4	708.6	683.8	659.6	638.2	612.6	584.0	545.7
-47.5°	738.6	722.9	705.7	685.9	662.8	637.6	613.2	594.5	569.6	534.4	490.9
-50°	678.6	667.1	651.9	625.5	595.2	572.6	561.0	547.5	512.5	469.7	437.4
-52.5°	595.2	580.0	553.4	532.5	522.7	517.9	505.7	476.6	436.5	411.5	395.9
-55°	506.4	488.7	475.0	474.4	470.1	454.6	422.2	393.2	381.5	368.7	348.0
-57.5°	438.4	431.1	425.9	408.6	386.6	365.6	356.6	348.5	333.6	306.1	284.1
-60°	365.3	353.8	336.7	325.4	321.6	318.3	309.3	285.7	259.9	246.3	234.3
-62.5°	300.3	290.4	283.3	279.4	269.8	253.5	238.1	224.9	212.3	197.3	183.7
-65°	227.0	224.2	220.1	214.2	204.7	195.2	184.2	171.0	158.2	145.8	138.8
-67.5°	162.5	161.4	157.8	149.5	138.5	131.2	128.0	122.6	118.1	103.9	92.3
-70°	106.4	102.1	99.6	97.4	94.6	90.6	83.4	76.3	71.9	69.2	65.9
-72.5°	57.4	55.7	53.9	50.6	46.5	47.3	48.3	47.6	43.8	37.9	32.7
-75°	32.5	31.7	31.0	30.2	29.8	29.6	28.1	26.0	24.7	23.3	22.5
-77.5°	23.6	23.2	22.6	22.0	21.4	20.7	20.0	19.1	18.2	17.1	16.0
-80°	16.5	16.1	15.7	15.3	14.7	14.1	13.5	12.8	12.1	11.4	10.6
-82.5°	10.3	10.0	9.8	9.5	9.2	8.8	8.4	8.0	7.6	7.1	6.6
-85°	5.7	5.5	5.4	5.2	5.0	4.8	4.6	4.3	4.1	3.9	3.6
-87.5°	2.5	2.5	2.4	2.3	2.3	2.2	2.0	1.9	1.8	1.7	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: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: LSF25-XX-PC-22W-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	1.1	0.9	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	4.3	3.6	2.9	2.1	1.5	1.1	0.8	0.7	0.6	0.5	0.4
75°	8.9	7.9	6.9	5.8	4.6	3.3	2.0	1.5	1.1	0.8	0.6
72.5°	16.2	14.0	11.9	9.8	8.4	6.7	4.9	3.2	2.0	1.3	1.0
70°	28.9	24.4	19.2	16.0	13.1	10.2	8.0	5.9	3.9	2.3	1.5
67.5°	54.6	45.3	36.6	27.4	19.7	15.4	11.7	8.8	6.3	4.0	2.3
65°	90.5	75.5	63.8	50.6	35.7	23.5	16.7	12.3	8.9	6.1	3.6
62.5°	138.7	121.3	98.9	78.9	62.2	42.6	25.8	16.9	12.0	8.2	5.3
60°	201.4	176.2	147.3	121.8	88.9	67.0	44.7	24.6	15.8	10.8	7.1
57.5°	268.5	234.2	201.9	167.4	132.2	92.5	67.0	41.9	20.5	14.0	9.0
55°	332.3	299.0	259.4	218.0	171.5	129.5	90.3	61.9	34.8	17.6	11.3
52.5°	393.4	359.5	321.2	269.8	214.5	166.0	119.2	81.8	51.9	21.8	14.1
50°	448.1	412.8	377.1	321.7	260.3	202.9	152.7	105.1	69.3	36.8	17.4
47.5°	496.9	456.9	422.5	367.5	304.5	241.9	183.8	131.6	86.4	51.8	22.0
45°	536.5	498.5	452.9	408.7	346.8	280.1	216.2	158.4	107.6	66.5	30.9
42.5°	572.8	534.3	484.4	436.0	382.8	317.3	248.4	185.3	128.6	80.9	43.2
40°	604.2	561.9	515.7	461.8	414.2	349.7	280.3	212.0	148.1	95.8	55.0
37.5°	633.0	588.7	542.4	489.1	436.0	379.4	309.7	237.4	170.5	112.6	66.2
35°	657.1	615.3	566.8	514.8	456.9	406.3	335.5	262.0	191.8	128.0	76.9
32.5°	679.2	637.9	589.7	538.0	478.6	423.7	358.2	286.9	212.1	142.4	87.1
30°	697.8	659.4	611.7	558.5	499.1	439.5	381.7	308.3	231.1	157.4	97.2
27.5°	715.2	677.6	631.0	577.3	518.5	455.1	401.6	327.9	248.6	172.7	108.2
25°	730.5	691.6	648.9	594.7	536.7	472.1	414.8	344.8	265.8	186.8	118.2
22.5°	744.8	705.1	664.7	610.3	552.7	488.3	426.8	360.1	281.9	200.2	127.3
20°	758.5	718.8	677.4	625.7	567.2	503.3	437.5	374.4	296.1	212.2	135.8
17.5°	771.4	729.4	686.5	638.9	580.5	516.7	447.7	386.6	308.2	223.0	143.3
15°	783.2	740.0	695.1	649.5	591.8	528.2	458.0	396.0	318.8	232.2	149.9
12.5°	792.6	749.3	704.9	658.1	601.2	537.0	466.8	402.5	327.9	240.2	156.1
10°	799.8	757.0	713.1	664.1	608.8	543.8	474.3	407.8	334.8	246.7	161.8
7.5°	805.0	763.0	719.1	668.7	614.6	549.0	480.2	411.8	339.9	251.9	166.3
5°	808.6	767.3	723.3	671.7	618.6	552.6	484.5	414.7	343.7	255.8	169.6
2.5°	810.3	769.9	726.0	673.2	620.9	554.5	487.1	416.2	346.0	258.3	171.8
0°	810.2	770.9	727.2	673.2	621.6	554.9	488.0	416.4	346.9	259.4	172.8
-2.5°	812.3	772.2	728.1	675.4	623.6	557.2	489.4	417.5	348.1	260.8	173.9
-5°	812.7	771.9	727.3	676.2	624.0	557.7	489.0	417.3	347.9	260.8	173.8
-7.5°	811.5	769.7	725.2	675.7	622.6	556.5	487.0	415.7	346.5	259.5	172.5
-10°	809.0	765.7	721.7	673.8	619.5	553.3	483.2	412.8	343.8	256.9	170.0
-12.5°	804.9	759.8	717.0	670.7	614.6	548.2	478.0	408.5	339.6	253.0	166.3
-15°	798.4	752.6	711.3	665.4	608.0	541.2	471.4	403.0	333.7	247.8	161.7
-17.5°	788.5	744.1	704.1	658.3	599.5	533.0	463.5	395.9	326.7	241.3	156.2
-20°	775.8	735.3	696.4	648.3	589.3	523.3	453.8	387.6	318.7	232.8	149.4



REPORT NUMBER: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-22W-7030

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	762.5	723.9	684.6	635.7	576.7	510.2	441.6	378.1	307.3	222.7	141.3
-25°	749.1	709.4	667.9	616.9	559.6	495.7	428.6	367.2	293.4	211.2	133.0
-27.5°	733.8	692.0	647.3	595.9	538.3	481.5	415.4	355.1	278.8	198.6	124.5
-30°	713.1	671.4	623.3	571.0	515.7	459.9	401.1	342.0	264.7	184.6	115.0
-32.5°	689.3	645.4	597.0	541.6	491.6	435.0	383.7	326.8	248.7	169.4	105.7
-35°	661.4	615.9	565.8	514.7	468.2	413.3	363.2	303.7	229.5	153.0	95.9
-37.5°	628.6	582.5	530.9	487.8	438.8	390.1	341.0	278.0	209.0	137.0	86.4
-40°	592.3	543.1	499.6	460.7	411.4	365.1	313.2	253.2	186.9	122.0	77.6
-42.5°	548.2	505.1	470.7	426.4	383.3	337.3	279.0	224.2	161.3	107.4	68.4
-45°	501.7	471.8	437.1	395.8	353.2	303.0	251.5	194.4	137.2	92.6	58.7
-47.5°	458.0	434.1	401.3	361.7	317.1	264.9	218.3	163.9	116.4	81.2	50.4
-50°	418.2	391.7	361.9	323.0	272.8	233.0	184.1	135.1	98.5	68.3	43.7
-52.5°	373.8	343.6	316.4	274.1	238.1	195.3	149.4	112.2	81.3	55.1	37.3
-55°	317.6	294.7	262.6	234.4	197.9	157.2	120.9	93.1	64.7	46.5	30.8
-57.5°	266.9	241.1	219.4	191.4	156.7	123.5	99.3	70.7	50.6	38.1	24.0
-60°	214.7	196.6	173.7	147.2	120.3	100.2	74.2	53.1	41.2	29.7	16.6
-62.5°	167.2	151.8	128.6	110.2	97.2	72.0	52.4	41.7	32.2	21.4	9.2
-65°	123.9	106.1	95.4	87.4	62.5	48.0	39.7	32.2	23.3	13.1	7.5
-67.5°	85.5	79.9	65.9	50.1	41.1	35.7	30.0	22.9	14.5	8.7	6.0
-70°	55.0	44.5	37.1	34.2	30.7	26.3	20.7	13.8	9.2	6.8	4.6
-72.5°	29.9	28.9	27.2	24.8	21.5	17.1	11.6	9.2	7.0	5.1	3.5
-75°	22.0	20.7	18.7	16.0	12.5	10.6	8.6	6.8	5.2	3.7	2.6
-77.5°	14.8	12.9	11.6	10.2	8.9	7.6	6.1	4.8	3.6	2.7	1.9
-80°	9.7	8.8	7.8	6.9	6.0	5.1	4.2	3.3	2.5	1.9	1.4
-82.5°	6.0	5.4	4.9	4.3	3.7	3.3	2.7	2.1	1.7	1.3	1.0
-85°	3.3	3.0	2.7	2.4	2.1	1.9	1.6	1.3	1.1	0.9	0.7
-87.5°	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P622909 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-22W-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	0.1	0.0	0.0
85°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
82.5°	0.3	0.3	0.3	0.2	0.2	0.1	0.0
80°	0.4	0.3	0.3	0.3	0.2	0.1	0.0
77.5°	0.4	0.4	0.4	0.3	0.3	0.2	0.0
75°	0.5	0.4	0.4	0.3	0.3	0.2	0.0
72.5°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
70°	1.0	0.6	0.5	0.4	0.3	0.2	0.0
67.5°	1.4	0.9	0.5	0.4	0.4	0.3	0.0
65°	2.0	1.2	0.6	0.5	0.4	0.3	0.0
62.5°	2.9	1.6	0.8	0.5	0.4	0.3	0.0
60°	4.2	2.1	1.0	0.5	0.4	0.3	0.0
57.5°	5.6	2.8	1.3	0.6	0.4	0.3	0.0
55°	7.0	3.6	1.7	0.7	0.5	0.3	0.0
52.5°	8.4	4.7	2.0	0.9	0.5	0.3	0.0
50°	10.2	5.8	2.6	1.0	0.5	0.3	0.0
47.5°	12.1	6.9	3.1	1.1	0.5	0.4	0.0
45°	14.8	7.9	3.7	1.4	0.5	0.4	0.0
42.5°	17.7	9.1	4.5	1.6	0.5	0.4	0.0
40°	22.5	10.3	5.2	1.8	0.6	0.4	0.0
37.5°	27.5	11.4	5.9	2.0	0.6	0.4	0.0
35°	35.1	13.3	6.6	2.3	0.6	0.4	0.0
32.5°	43.7	15.5	7.2	2.7	0.7	0.4	0.0
30°	51.7	17.7	7.8	3.0	0.8	0.4	0.0
27.5°	59.2	20.3	8.4	3.3	0.8	0.4	0.0
25°	66.1	24.2	9.0	3.6	0.9	0.4	0.0
22.5°	72.5	28.0	9.5	3.8	0.9	0.4	0.0
20°	78.3	31.6	10.1	4.1	1.0	0.4	0.0
17.5°	83.6	35.1	10.5	4.4	1.0	0.4	0.0
15°	88.3	38.7	10.9	4.6	1.1	0.4	0.0
12.5°	92.4	42.1	11.3	4.8	1.1	0.4	0.0
10°	95.8	45.1	11.6	5.0	1.1	0.4	0.0
7.5°	98.7	47.5	11.8	5.2	1.2	0.4	0.0
5°	100.9	49.4	11.9	5.3	1.2	0.4	0.0
2.5°	102.5	50.9	12.1	5.4	1.2	0.4	0.0
0°	103.5	51.8	12.1	5.4	1.2	0.4	0.0
-2.5°	103.9	52.1	12.7	5.4	1.2	0.5	0.0
-5°	103.6	51.9	13.2	5.4	1.2	0.5	0.0
-7.5°	102.6	51.1	13.6	5.4	1.2	0.5	0.0
-10°	101.0	49.9	13.8	5.3	1.3	0.5	0.0
-12.5°	98.8	48.3	14.0	5.2	1.2	0.5	0.0
-15°	95.8	46.1	14.1	5.1	1.2	0.5	0.0
-17.5°	92.1	43.7	14.0	4.9	1.2	0.5	0.0
-20°	87.8	41.0	13.7	4.7	1.2	0.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.3	38.1	13.3	4.5	1.2	0.5	0.0
-25°	78.5	34.9	12.7	4.3	1.1	0.5	0.0
-27.5°	73.2	31.4	11.9	4.1	1.1	0.5	0.0
-30°	67.5	29.0	11.0	3.8	1.0	0.5	0.0
-32.5°	61.2	26.7	9.9	3.5	1.0	0.4	0.0
-35°	54.5	24.1	8.6	3.2	0.9	0.4	0.0
-37.5°	48.1	21.6	7.4	2.9	0.8	0.4	0.0
-40°	42.5	19.5	6.8	2.7	0.8	0.4	0.0
-42.5°	36.9	17.1	6.2	2.4	0.8	0.4	0.0
-45°	32.6	14.4	5.5	2.2	0.8	0.4	0.0
-47.5°	27.9	11.4	4.9	1.9	0.8	0.4	0.0
-50°	23.6	8.2	4.2	1.7	0.7	0.4	0.0
-52.5°	19.0	7.2	3.6	1.5	0.7	0.4	0.0
-55°	14.0	6.2	3.1	1.3	0.7	0.4	0.0
-57.5°	8.7	5.2	2.6	1.1	0.6	0.4	0.0
-60°	7.4	4.3	2.2	1.0	0.6	0.4	0.0
-62.5°	6.1	3.5	1.8	1.0	0.6	0.3	0.0
-65°	4.9	2.9	1.5	0.9	0.5	0.3	0.0
-67.5°	3.8	2.3	1.3	0.8	0.5	0.3	0.0
-70°	2.9	1.8	1.1	0.7	0.5	0.3	0.0
-72.5°	2.2	1.4	0.9	0.7	0.4	0.2	0.0
-75°	1.7	1.2	0.8	0.6	0.4	0.2	0.0
-77.5°	1.3	1.0	0.7	0.5	0.4	0.2	0.0
-80°	1.0	0.8	0.6	0.5	0.3	0.1	0.0
-82.5°	0.8	0.6	0.5	0.4	0.2	0.1	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	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)