

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: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **LSF25-XX-PC-22W-7040**

Issue Date: 10/4/2022

Test Information

Test Method: LM-79-08
Report Number: P622910 (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-7040
Description: Flood light with selectable wattage and CCT
Light Source: (1) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

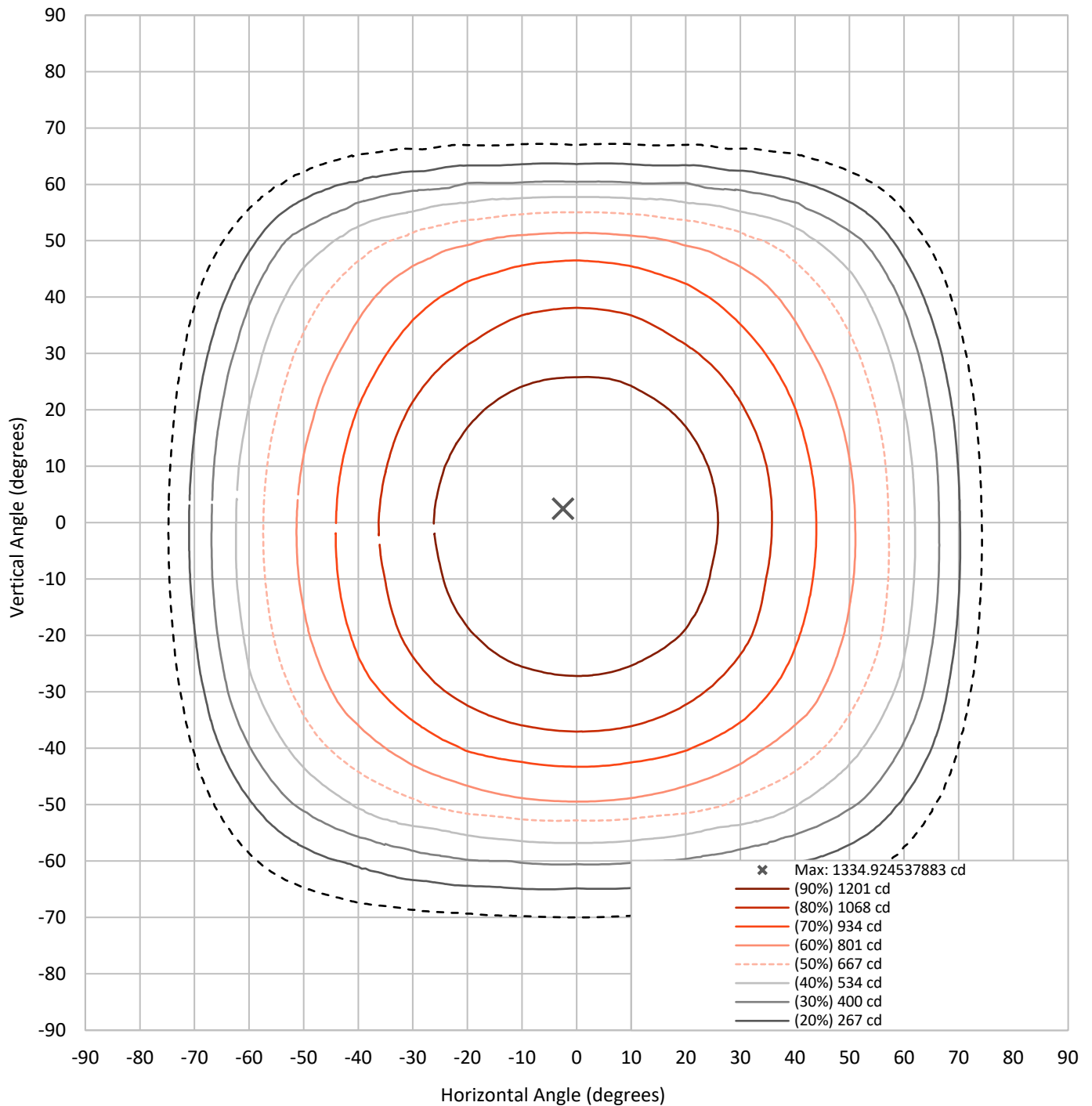
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3531.9 lumens	Max Intensity:	1334.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	154.2 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:	2877.6 lumens	Field Lumens:	3482.7 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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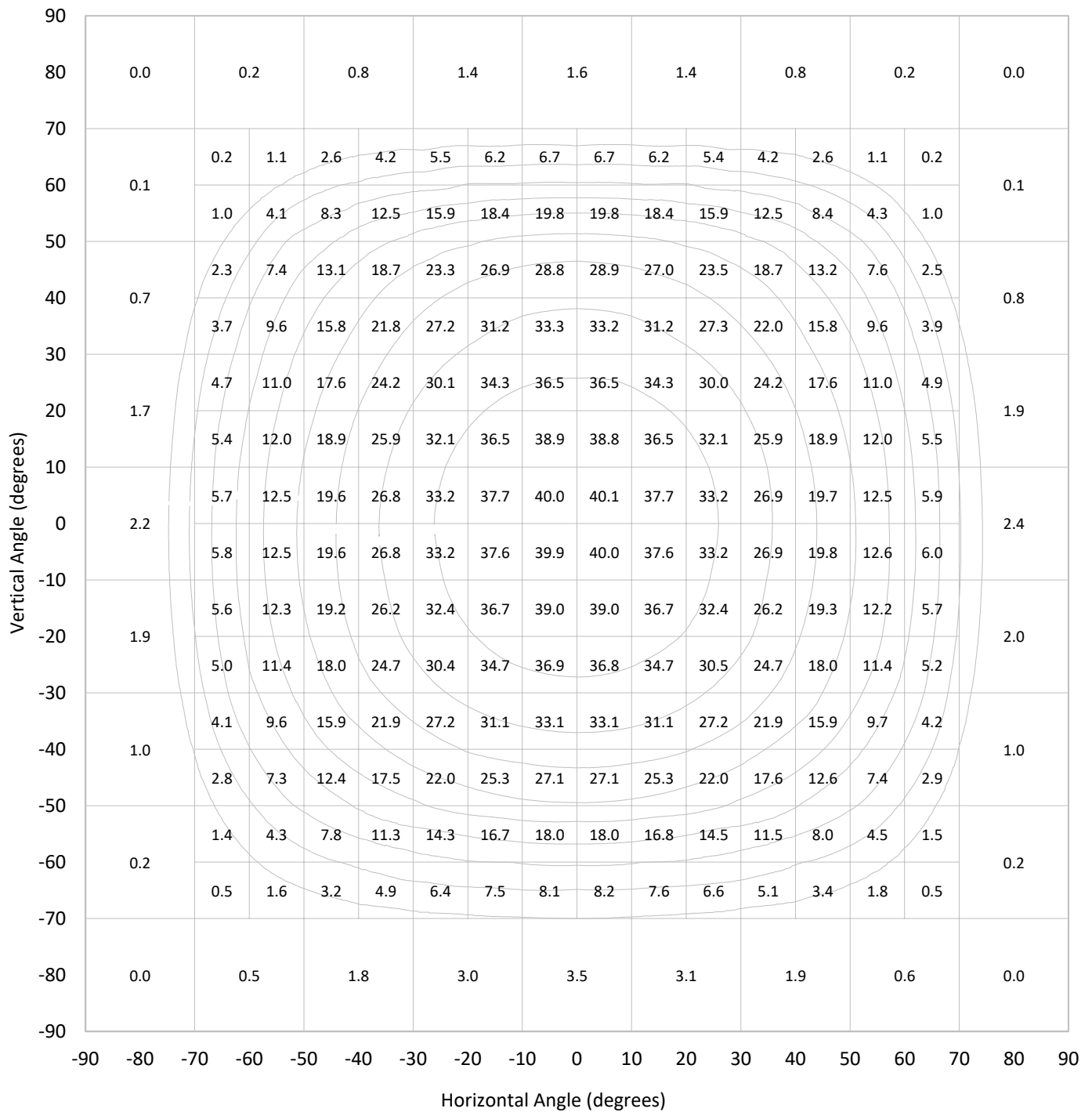
Iso-Candela Plot





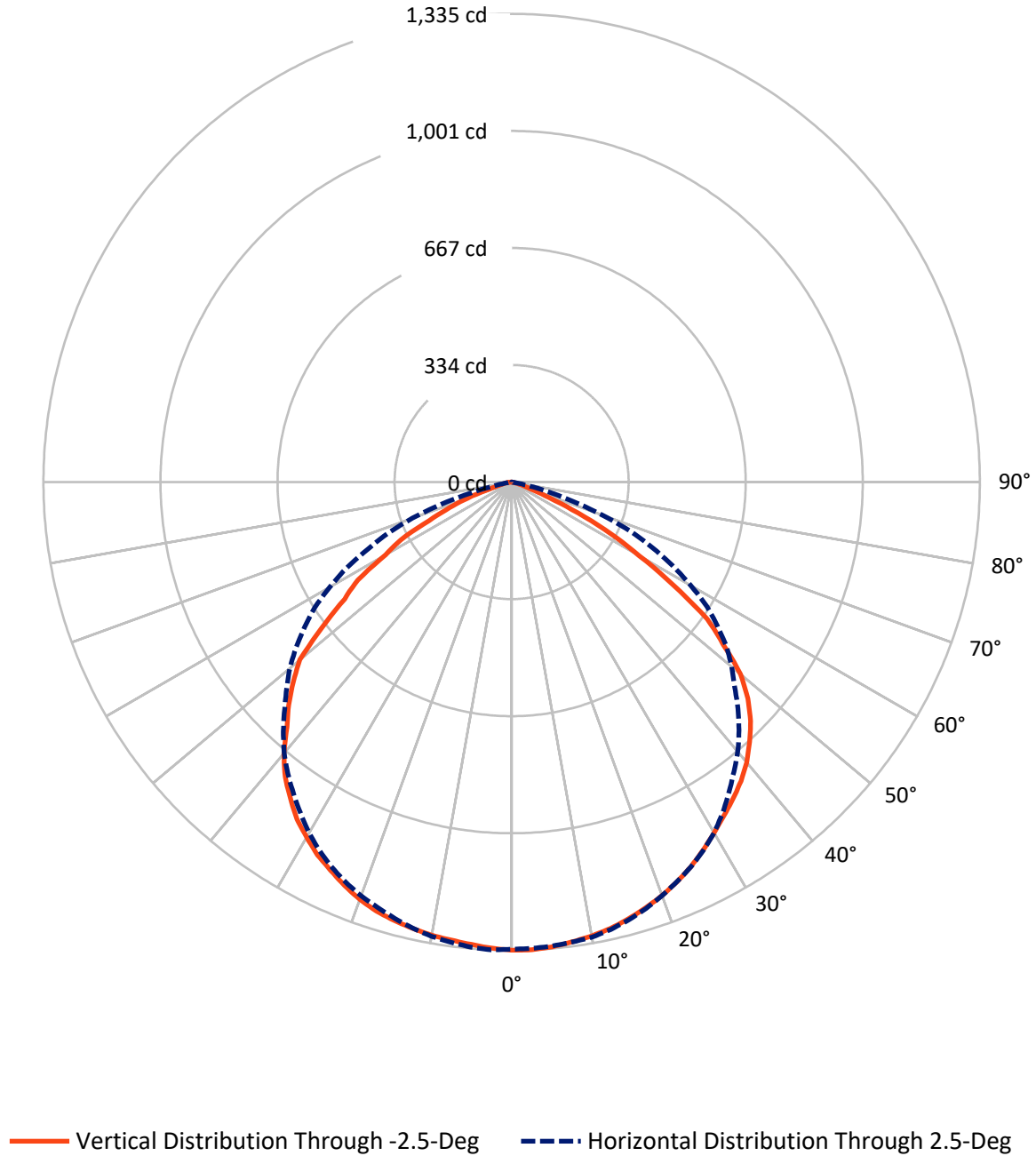
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Lumen Table



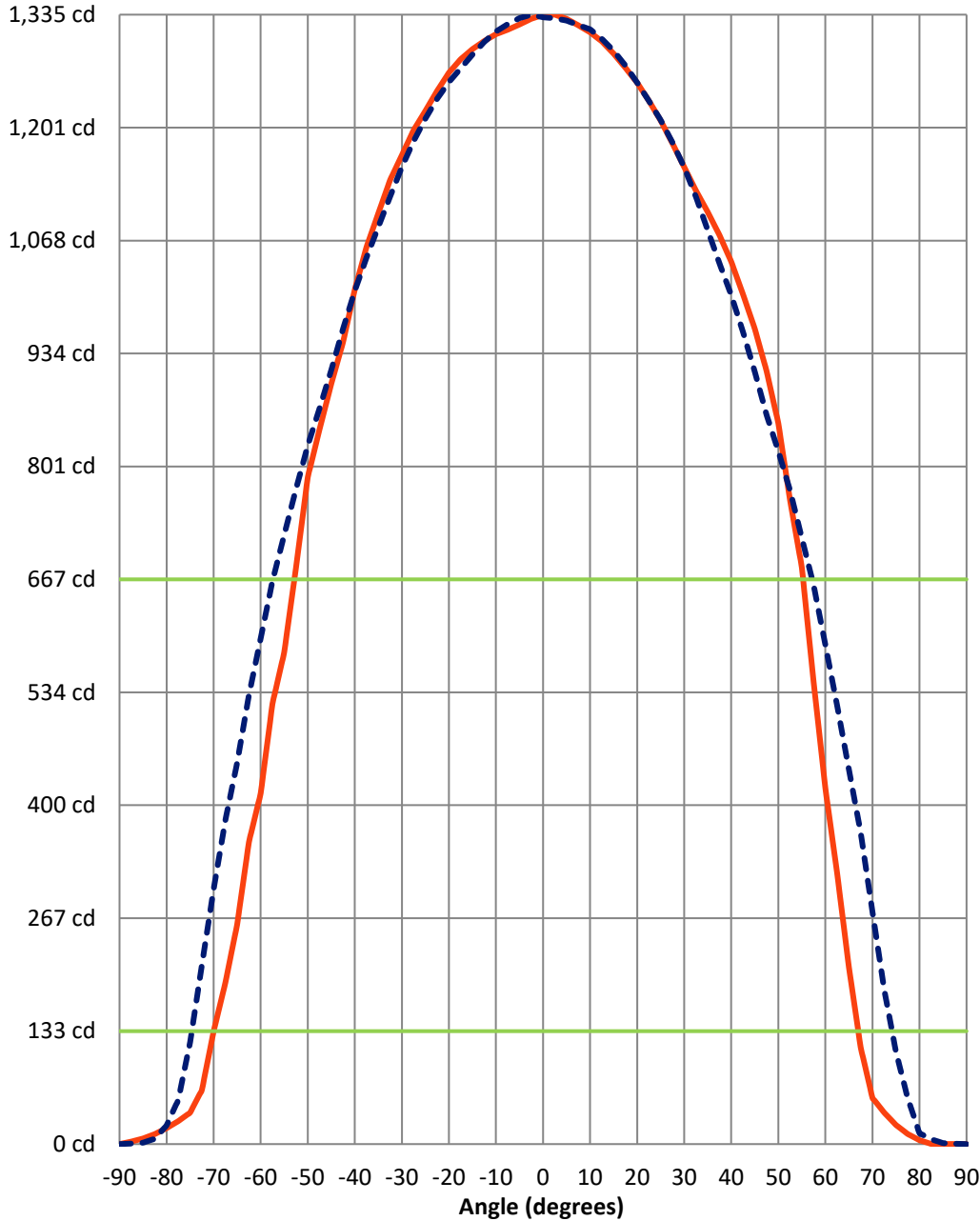
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 114.6°
 V Angle: 108.1°
 Lumens: 2877.6
 Efficiency: 81.5%

Field:
 H Angle: 148.8°
 V Angle: 137°
 Lumens: 3482.7
 Efficiency: 98.6%

Spill:
 Lumens: 49.2
 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	0.3
82.5°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.5
77.5°	0.0	0.2	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.7	0.9
75°	0.0	0.2	0.4	0.4	0.5	0.6	0.6	0.7	0.9	1.3	1.8
72.5°	0.0	0.3	0.4	0.5	0.6	0.6	0.8	1.1	1.7	2.5	3.7
70°	0.0	0.3	0.4	0.5	0.6	0.8	1.1	1.8	2.8	4.6	6.7
67.5°	0.0	0.4	0.5	0.6	0.7	1.0	1.8	2.9	4.8	7.2	9.8
65°	0.0	0.4	0.5	0.6	0.9	1.4	2.6	4.4	7.1	10.1	13.4
62.5°	0.0	0.4	0.5	0.7	1.1	2.0	3.5	6.4	9.6	13.4	17.9
60°	0.0	0.4	0.6	0.8	1.3	2.7	5.0	8.4	12.4	17.2	26.0
57.5°	0.0	0.4	0.6	0.8	1.7	3.5	6.7	10.7	15.7	21.6	46.6
55°	0.0	0.4	0.6	1.0	2.2	4.4	8.3	13.4	19.2	39.0	71.4
52.5°	0.0	0.4	0.7	1.2	2.6	5.7	10.1	16.6	23.3	60.5	95.9
50°	0.0	0.4	0.7	1.3	3.2	6.9	13.1	20.2	42.5	82.7	128.6
47.5°	0.0	0.5	0.7	1.5	3.8	8.2	16.2	24.2	61.9	104.6	157.6
45°	0.0	0.5	0.8	1.8	4.5	9.5	19.5	34.0	80.4	133.6	186.3
42.5°	0.0	0.5	0.8	2.1	5.4	11.4	23.0	48.5	98.4	159.9	216.3
40°	0.0	0.5	0.9	2.4	6.2	14.2	26.8	62.6	118.0	184.1	246.2
37.5°	0.0	0.5	0.9	2.7	7.0	17.0	30.6	76.3	140.4	207.0	272.7
35°	0.0	0.5	1.0	3.0	7.8	19.8	38.1	90.1	160.3	228.3	296.4
32.5°	0.0	0.5	1.1	3.4	8.6	22.7	47.0	103.9	177.9	248.0	318.8
30°	0.0	0.5	1.1	3.7	9.3	25.6	55.1	117.8	194.6	267.4	342.1
27.5°	0.0	0.5	1.2	4.0	10.0	28.4	63.7	133.2	210.3	286.1	363.9
25°	0.0	0.5	1.3	4.3	11.0	31.3	71.9	147.5	224.8	302.7	378.4
22.5°	0.0	0.6	1.4	4.6	12.8	34.0	79.3	159.9	237.8	317.6	391.7
20°	0.0	0.6	1.4	4.9	14.4	36.7	86.4	170.2	249.6	331.3	405.1
17.5°	0.0	0.6	1.5	5.2	16.0	39.2	93.9	179.4	260.3	344.4	416.8
15°	0.0	0.6	1.5	5.5	17.4	42.1	100.5	187.6	270.6	355.8	426.5
12.5°	0.0	0.6	1.6	5.7	18.7	45.2	106.3	194.7	279.5	365.4	434.0
10°	0.0	0.6	1.6	5.9	19.8	47.7	111.2	200.6	287.1	372.0	440.2
7.5°	0.0	0.6	1.6	6.1	20.8	49.8	115.3	205.4	293.3	376.9	445.1
5°	0.0	0.6	1.7	6.2	21.5	51.4	118.3	209.0	298.0	380.5	448.7
2.5°	0.0	0.6	1.7	6.3	22.1	52.6	120.4	211.4	301.2	382.9	450.9
0°	0.0	0.6	1.7	6.3	22.5	53.3	121.5	212.6	302.9	384.1	451.8
-2.5°	0.0	0.6	1.7	6.4	22.6	53.8	121.6	212.7	303.2	385.0	452.9
-5°	0.0	0.6	1.7	6.4	22.5	54.0	120.6	211.6	301.9	384.7	452.5
-7.5°	0.0	0.6	1.7	6.3	22.2	53.7	118.7	209.3	299.0	383.1	450.8
-10°	0.0	0.6	1.7	6.2	21.6	52.9	115.9	205.8	294.5	380.2	447.6
-12.5°	0.0	0.6	1.7	6.1	20.9	51.8	112.2	201.1	288.5	375.8	442.9
-15°	0.0	0.6	1.7	5.9	19.9	50.2	107.7	195.2	280.9	369.2	436.7
-17.5°	0.0	0.6	1.7	5.7	18.7	48.3	102.4	188.1	271.7	361.3	429.6
-20°	0.0	0.6	1.6	5.5	17.4	46.3	96.4	179.8	262.2	352.2	421.4

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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	0.6	1.6	5.3	15.8	43.8	90.7	170.3	251.6	340.1	412.2
-25°	0.0	0.6	1.5	5.1	14.1	40.9	84.8	159.1	239.7	325.7	400.8
-27.5°	0.0	0.6	1.5	4.8	13.0	37.5	78.2	146.5	226.3	309.0	388.1
-30°	0.0	0.6	1.4	4.5	12.0	34.5	71.2	132.8	211.6	290.2	372.7
-32.5°	0.0	0.6	1.3	4.2	10.9	31.6	65.4	120.8	195.6	270.5	355.1
-35°	0.0	0.5	1.3	3.9	9.6	28.4	59.0	109.2	178.4	251.4	330.7
-37.5°	0.0	0.5	1.2	3.6	8.4	25.1	52.2	97.6	159.7	230.7	301.2
-40°	0.0	0.5	1.1	3.3	7.7	21.6	45.5	86.0	139.8	208.6	271.7
-42.5°	0.0	0.5	1.1	3.0	7.0	18.0	38.2	74.6	123.1	184.0	244.2
-45°	0.0	0.5	1.1	2.7	6.2	14.8	33.6	63.9	108.2	158.6	215.8
-47.5°	0.0	0.5	1.0	2.3	5.5	12.1	28.8	53.1	92.4	133.2	186.7
-50°	0.0	0.5	0.9	2.1	4.9	9.1	23.9	42.3	76.0	114.3	157.5
-52.5°	0.0	0.5	0.9	1.9	4.2	8.0	18.8	35.1	60.8	94.1	130.0
-55°	0.0	0.5	0.8	1.7	3.7	6.9	14.3	29.0	46.5	74.8	107.8
-57.5°	0.0	0.5	0.8	1.4	3.1	5.9	9.6	22.8	36.0	57.9	83.6
-60°	0.0	0.5	0.7	1.3	2.5	4.9	8.1	16.5	28.6	40.9	64.8
-62.5°	0.0	0.4	0.7	1.2	2.2	4.1	6.7	10.2	21.5	31.9	45.6
-65°	0.0	0.4	0.6	1.1	1.8	3.3	5.4	8.3	14.4	24.1	33.1
-67.5°	0.0	0.4	0.6	0.9	1.5	2.6	4.3	6.6	10.0	16.5	24.6
-70°	0.0	0.4	0.6	0.9	1.3	2.1	3.3	5.2	7.5	11.0	16.7
-72.5°	0.0	0.3	0.5	0.8	1.1	1.6	2.5	3.9	5.7	7.9	11.0
-75°	0.0	0.3	0.5	0.7	0.9	1.3	1.9	2.9	4.2	5.9	7.7
-77.5°	0.0	0.2	0.5	0.6	0.8	1.1	1.4	2.1	3.0	4.2	5.5
-80°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.5	2.2	2.9	3.8
-82.5°	0.0	0.1	0.3	0.5	0.6	0.7	0.9	1.2	1.5	2.0	2.5
-85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.9	1.1	1.3	1.6
-87.5°	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8	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-7040

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°	0.3	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	0.7	0.8	0.8	1.1	1.3	1.5	1.8	2.1	2.3
77.5°	1.1	1.4	1.8	2.4	3.2	3.9	4.7	5.4	6.1	6.7	7.3
75°	2.4	3.6	5.0	6.2	7.3	8.3	9.4	10.9	12.2	13.7	14.9
72.5°	5.5	7.2	8.8	10.2	12.3	14.4	16.8	19.3	21.4	23.5	25.3
70°	8.7	10.8	13.4	16.3	19.4	24.7	29.6	32.1	40.2	47.5	51.8
67.5°	12.5	15.9	19.7	27.2	37.2	47.0	57.9	68.6	75.3	80.7	86.5
65°	17.5	23.8	35.4	52.1	67.2	85.3	96.8	108.2	122.0	135.5	143.8
62.5°	26.9	44.6	65.1	87.0	108.2	123.7	145.8	173.4	187.0	220.7	231.8
60°	48.6	73.0	101.7	125.5	148.9	189.6	219.4	254.9	272.6	281.6	305.2
57.5°	75.3	108.1	137.1	167.8	225.6	262.7	301.0	318.2	341.5	372.9	392.5
55°	106.0	142.4	177.4	248.7	295.4	336.0	360.4	393.3	411.1	466.5	497.4
52.5°	140.6	178.5	245.3	308.9	364.3	394.0	422.5	454.7	505.2	536.5	559.1
50°	171.4	230.3	297.4	365.6	418.8	443.7	479.9	527.9	557.8	597.5	635.5
47.5°	207.7	277.0	344.7	408.9	454.6	492.2	537.5	572.4	617.1	649.0	684.0
45°	249.4	316.6	387.7	439.8	488.0	540.1	579.6	623.3	655.9	691.8	721.7
42.5°	284.1	355.9	417.1	466.9	524.3	577.6	620.7	656.0	692.1	725.1	762.5
40°	314.6	386.5	443.1	499.1	556.0	608.2	651.1	686.2	721.8	759.4	792.7
37.5°	344.8	410.5	467.0	528.3	583.7	635.2	674.8	713.1	750.2	785.2	821.7
35°	370.9	433.2	493.1	552.7	609.8	657.3	698.7	736.7	772.2	810.4	851.0
32.5°	388.7	451.4	516.2	574.6	633.4	678.1	720.4	758.2	794.1	836.2	874.1
30°	408.8	471.9	535.2	596.8	652.7	698.2	740.9	779.2	817.5	856.9	896.6
27.5°	427.9	490.3	552.0	617.3	669.6	716.0	759.7	798.9	839.4	878.9	917.9
25°	442.8	509.2	567.6	635.1	685.4	733.3	777.4	818.0	859.2	900.4	939.0
22.5°	457.6	525.0	587.6	650.2	700.0	749.4	793.0	834.7	878.0	920.7	959.2
20°	471.7	539.2	605.0	663.7	713.0	763.9	806.7	850.1	895.4	938.0	976.0
17.5°	484.5	552.2	619.8	676.5	727.3	776.9	818.4	864.1	911.0	953.6	991.7
15°	497.0	563.8	631.9	688.2	740.0	788.7	831.1	876.8	924.2	965.7	1005.3
12.5°	508.1	574.3	642.2	698.1	750.4	799.2	842.8	889.2	935.6	976.7	1016.6
10°	517.3	583.0	650.8	706.0	759.0	808.2	852.6	899.0	945.5	987.8	1027.3
7.5°	523.2	589.8	657.3	712.3	765.8	815.5	860.3	906.5	953.6	996.9	1036.6
5°	527.6	594.7	662.1	717.0	770.8	821.3	865.8	911.8	959.5	1003.8	1043.5
2.5°	530.6	597.8	665.3	720.1	774.2	825.5	869.5	914.9	963.6	1008.6	1047.9
0°	532.0	599.1	666.9	721.6	775.7	828.1	871.3	915.9	965.5	1011.1	1050.2
-2.5°	533.4	600.3	667.3	722.5	776.3	828.3	872.8	917.7	966.0	1010.8	1049.6
-5°	533.3	599.8	666.0	721.7	775.2	826.7	872.6	917.4	964.2	1008.3	1046.9
-7.5°	531.7	597.5	663.1	719.1	772.6	823.3	870.5	915.0	960.5	1003.8	1041.9
-10°	528.7	593.4	658.6	714.7	768.5	818.0	866.2	910.7	955.3	997.4	1035.0
-12.5°	522.5	587.5	652.6	708.3	762.9	810.7	859.9	904.8	948.9	989.4	1027.1
-15°	514.4	580.2	645.4	700.5	755.9	801.7	850.9	897.3	940.5	980.3	1018.0
-17.5°	505.1	572.2	636.7	691.1	745.5	791.9	838.6	886.2	930.0	969.4	1006.8
-20°	493.4	563.0	625.4	680.3	732.9	782.0	825.0	872.2	917.2	957.0	993.6

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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°	478.3	552.1	611.9	668.4	716.7	768.7	810.5	855.7	901.0	943.4	979.0
-25°	462.9	539.6	595.5	653.4	699.5	751.2	795.5	836.7	880.7	926.4	961.9
-27.5°	448.2	524.5	576.7	633.8	681.6	729.9	778.8	817.8	859.0	902.7	942.3
-30°	433.7	499.3	556.3	609.5	662.5	706.4	756.0	799.0	836.0	875.2	913.9
-32.5°	416.5	469.1	533.5	581.5	639.2	683.2	729.1	776.1	812.9	846.2	882.8
-35°	394.6	445.6	507.1	555.3	608.7	659.7	700.3	746.1	784.0	813.6	850.3
-37.5°	370.2	421.9	473.0	527.9	573.4	628.6	673.1	709.4	746.3	779.1	810.0
-40°	340.6	395.7	443.6	496.3	540.5	589.4	640.2	673.3	706.5	739.1	768.6
-42.5°	304.2	366.2	414.3	458.5	507.1	548.2	596.2	636.9	666.1	696.4	725.1
-45°	270.4	330.3	382.1	427.5	468.6	508.9	545.1	592.1	626.5	652.7	679.5
-47.5°	238.5	288.4	345.4	390.5	432.8	464.8	494.8	533.2	578.6	610.0	632.4
-50°	206.0	252.2	298.1	350.6	390.4	423.3	449.0	472.7	510.1	554.9	586.6
-52.5°	173.0	216.6	257.5	300.1	343.2	372.4	405.8	426.9	444.5	473.8	517.6
-55°	141.9	180.5	219.0	254.4	288.7	321.2	346.0	380.5	400.5	412.1	426.0
-57.5°	115.2	146.2	180.1	212.5	240.0	267.4	292.7	311.2	336.8	366.5	378.3
-60°	88.5	116.9	143.8	170.2	194.2	217.5	241.1	260.0	271.2	287.3	315.9
-62.5°	66.7	87.3	113.1	132.2	150.4	170.9	187.0	207.2	227.3	236.2	245.3
-65°	45.8	64.7	80.1	99.3	113.7	126.1	141.9	155.4	164.8	180.4	195.6
-67.5°	32.1	41.4	58.0	66.3	78.6	91.8	101.0	108.9	119.2	132.0	137.5
-70°	23.5	29.2	35.8	42.9	50.2	56.2	65.0	74.6	79.8	83.5	87.6
-72.5°	15.5	21.2	25.2	27.8	31.0	33.7	36.3	38.6	43.9	49.9	53.2
-75°	9.8	13.5	17.1	19.7	21.7	23.2	24.1	24.6	25.3	27.2	28.7
-77.5°	7.1	8.7	10.2	11.9	14.0	15.6	16.8	17.6	18.6	19.7	20.7
-80°	4.9	6.0	7.0	7.9	8.8	9.8	10.8	11.7	12.6	13.3	13.9
-82.5°	3.2	3.9	4.4	5.1	5.6	6.2	6.8	7.4	7.9	8.4	8.8
-85°	1.9	2.3	2.6	2.9	3.2	3.6	3.9	4.2	4.5	4.7	4.9
-87.5°	1.0	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2.0	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: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-22W-7040

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	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
80°	2.6	2.9	3.1	3.3	3.5	3.8	4.0	4.1	4.3	4.4	4.5
77.5°	8.0	8.6	9.0	9.6	10.1	10.6	10.9	11.1	11.2	11.5	11.8
75°	16.0	17.0	17.7	18.7	19.6	20.3	20.8	21.3	21.5	22.0	22.4
72.5°	28.4	30.8	31.0	31.2	32.5	33.5	34.4	35.0	35.4	36.0	36.6
70°	53.3	52.1	49.9	49.5	52.2	53.8	54.3	54.2	54.2	54.6	55.5
67.5°	89.8	89.5	89.7	92.6	104.3	111.2	110.5	107.6	106.0	109.5	115.9
65°	157.8	179.6	177.6	170.2	188.8	204.7	203.4	201.2	200.5	204.5	209.7
62.5°	234.3	251.9	257.1	258.7	282.9	294.0	297.8	300.5	300.0	301.7	308.5
60°	324.2	343.2	359.1	361.0	361.1	386.0	410.3	413.6	411.2	409.2	415.6
57.5°	424.6	435.1	450.0	465.2	476.7	480.5	498.7	523.9	532.3	528.9	536.4
55°	507.8	523.0	537.8	565.2	599.9	617.3	614.6	616.5	635.0	657.3	664.4
52.5°	589.2	613.9	644.2	662.6	674.3	689.7	713.8	728.1	735.6	739.4	746.7
50°	659.5	682.9	697.7	723.7	751.4	768.9	780.6	800.1	815.1	830.2	838.0
47.5°	708.9	733.3	763.1	783.0	812.3	831.4	844.6	858.2	878.1	891.6	898.9
45°	757.4	782.4	812.0	834.5	854.1	879.0	897.3	910.2	921.3	935.8	947.1
42.5°	792.9	826.3	852.5	877.6	899.7	917.6	938.6	953.4	966.9	976.7	987.8
40°	828.0	865.6	888.9	911.8	935.4	954.2	978.8	990.8	1003.9	1015.0	1026.9
37.5°	860.8	892.3	919.3	941.7	966.6	986.1	1009.7	1024.9	1036.6	1049.2	1059.9
35°	885.8	917.7	943.6	967.4	992.4	1015.7	1035.6	1050.7	1063.4	1076.8	1089.0
32.5°	909.9	940.2	966.1	992.0	1017.9	1040.6	1058.1	1072.3	1087.3	1102.2	1115.2
30°	932.0	962.6	990.8	1017.2	1043.0	1064.7	1082.7	1097.6	1113.5	1128.9	1142.1
27.5°	953.8	985.3	1014.9	1043.0	1068.5	1090.7	1108.6	1125.5	1140.7	1157.1	1169.4
25°	974.2	1007.3	1038.3	1066.8	1093.0	1114.5	1134.6	1153.3	1169.4	1183.8	1193.8
22.5°	994.3	1027.8	1059.4	1089.3	1114.4	1137.8	1159.4	1177.4	1193.2	1206.8	1216.6
20°	1012.4	1046.7	1079.3	1108.1	1135.1	1158.8	1179.3	1198.1	1213.5	1226.7	1236.6
17.5°	1028.6	1063.4	1095.8	1126.8	1152.7	1176.1	1198.0	1215.2	1231.4	1243.8	1254.2
15°	1042.5	1078.1	1111.5	1142.1	1167.8	1192.5	1213.0	1231.4	1246.9	1260.2	1270.1
12.5°	1054.2	1090.2	1124.6	1155.0	1181.7	1206.1	1225.9	1243.8	1260.2	1273.8	1283.9
10°	1064.5	1100.7	1135.6	1166.0	1193.4	1216.3	1236.8	1254.0	1270.7	1284.2	1295.3
7.5°	1073.5	1109.5	1144.5	1175.1	1200.9	1225.2	1244.7	1262.6	1278.0	1292.5	1303.6
5°	1080.0	1116.0	1150.7	1181.6	1207.5	1231.5	1251.0	1267.6	1282.8	1298.2	1310.1
2.5°	1084.2	1119.9	1154.7	1185.5	1212.1	1235.5	1255.2	1271.4	1287.7	1302.6	1315.0
0°	1086.1	1121.2	1156.3	1186.9	1214.1	1237.5	1256.6	1273.4	1290.6	1305.8	1317.3
-2.5°	1085.2	1120.1	1154.7	1185.7	1211.8	1234.7	1253.2	1270.0	1286.8	1302.3	1315.5
-5°	1082.1	1116.7	1150.4	1182.0	1207.8	1230.2	1247.8	1264.4	1281.4	1297.4	1310.3
-7.5°	1076.9	1110.9	1143.6	1175.8	1202.8	1224.8	1243.1	1259.6	1276.0	1291.1	1304.3
-10°	1069.8	1103.7	1136.8	1169.3	1197.0	1218.3	1237.3	1253.9	1269.7	1285.3	1297.9
-12.5°	1063.5	1097.8	1130.9	1161.6	1189.1	1211.2	1229.5	1247.2	1263.1	1277.7	1289.1
-15°	1054.5	1089.9	1122.6	1151.5	1178.6	1201.4	1220.3	1238.3	1254.7	1267.3	1279.2
-17.5°	1043.1	1079.5	1112.3	1142.7	1165.4	1188.1	1207.3	1226.1	1242.2	1255.1	1265.0
-20°	1028.6	1065.1	1099.2	1125.7	1149.7	1170.6	1192.2	1209.0	1225.7	1240.1	1249.8

Classified

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

Scaled Data Report



REPORT NUMBER: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-22W-7040

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1012.9	1046.8	1079.8	1108.0	1130.5	1152.3	1171.4	1190.7	1207.1	1220.2	1229.6
-25°	994.0	1024.3	1056.8	1087.3	1111.4	1130.3	1151.0	1169.5	1184.7	1197.6	1207.9
-27.5°	971.6	1001.6	1031.3	1061.1	1088.9	1109.3	1126.9	1144.3	1161.1	1173.4	1180.7
-30°	945.2	975.4	1004.0	1032.6	1058.3	1081.0	1101.4	1117.4	1131.8	1143.9	1153.7
-32.5°	915.1	943.1	973.4	1000.8	1024.7	1047.0	1067.1	1085.8	1099.5	1111.2	1122.0
-35°	884.0	909.9	935.3	964.6	991.0	1010.7	1029.2	1046.3	1061.8	1073.7	1082.1
-37.5°	848.1	879.6	899.0	921.0	948.5	975.2	993.0	1006.5	1021.4	1034.6	1044.6
-40°	799.4	837.4	863.1	880.2	898.0	920.8	947.3	962.4	971.8	981.9	992.9
-42.5°	751.6	780.5	812.5	837.1	853.6	868.2	885.8	903.2	916.9	925.7	930.7
-45°	705.0	732.4	757.1	782.2	803.6	818.7	835.4	850.7	863.6	874.7	883.2
-47.5°	654.1	680.5	707.6	730.9	749.5	767.2	784.9	800.0	812.4	822.6	831.2
-50°	597.6	612.7	637.6	668.1	694.3	709.4	721.9	737.3	752.7	766.3	775.0
-52.5°	545.3	555.6	559.8	573.4	596.9	622.5	636.2	642.7	648.2	658.2	671.3
-55°	459.1	493.1	507.7	511.1	511.7	525.4	544.7	557.6	564.2	563.4	570.2
-57.5°	385.1	396.0	420.6	444.0	460.2	464.1	470.5	481.8	493.7	504.6	513.3
-60°	338.0	343.7	346.4	351.2	364.2	382.5	393.8	399.2	399.3	399.7	407.3
-62.5°	258.7	282.0	296.6	301.6	304.8	313.3	324.6	335.7	341.7	345.4	349.9
-65°	207.1	212.3	217.7	222.6	238.6	248.8	248.9	248.1	248.3	255.5	262.4
-67.5°	143.4	147.6	155.4	166.5	172.7	174.0	173.7	174.6	174.8	178.0	183.2
-70°	94.3	103.3	108.2	108.9	109.5	112.9	118.2	124.5	126.5	126.8	128.1
-72.5°	53.9	53.4	52.5	55.4	58.1	60.3	63.4	64.6	64.4	64.4	64.5
-75°	31.0	32.3	32.0	32.1	33.1	33.9	34.8	35.7	35.8	36.2	36.7
-77.5°	21.5	22.3	22.9	23.6	24.3	24.9	25.4	25.8	26.1	26.5	26.8
-80°	14.6	15.3	15.9	16.5	17.0	17.4	17.7	18.0	18.3	18.5	18.7
-82.5°	9.3	9.7	10.0	10.4	10.6	10.9	11.1	11.3	11.5	11.6	11.7
-85°	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.3	6.4	6.5	6.5
-87.5°	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.0	3.0
-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: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-22W-7040

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°	4.6	4.6	4.6	4.5	4.6	4.6	4.6	4.5	4.3	4.2	4.0
77.5°	11.9	12.0	11.9	11.8	11.9	11.9	11.8	11.7	11.4	11.1	11.0
75°	22.6	22.7	22.6	22.4	22.6	22.6	22.5	22.3	21.9	21.5	21.2
72.5°	37.1	37.2	37.2	36.9	37.2	37.2	37.1	36.6	36.0	35.5	35.6
70°	55.8	55.5	54.7	53.6	54.8	55.7	56.1	55.9	55.0	54.5	54.6
67.5°	118.6	117.8	114.4	109.2	114.5	117.9	118.6	115.5	108.8	105.9	108.3
65°	211.9	211.5	209.1	205.2	209.6	212.4	213.0	210.8	205.1	200.7	202.5
62.5°	317.2	320.7	320.0	315.7	319.7	320.3	316.7	308.4	301.3	299.4	300.1
60°	419.4	420.9	420.5	418.6	420.2	420.1	418.0	413.4	405.9	407.8	411.9
57.5°	542.3	545.3	546.3	545.4	546.0	544.5	540.6	533.6	526.5	531.8	524.8
55°	671.9	678.1	681.3	679.6	681.3	678.2	672.3	665.6	659.8	636.7	616.8
52.5°	754.4	759.6	760.8	759.0	760.6	759.2	753.8	746.2	739.0	735.2	728.6
50°	843.0	848.0	851.9	853.5	850.4	845.0	838.4	831.8	824.0	811.6	798.0
47.5°	905.7	910.4	913.8	915.5	913.1	908.9	903.2	895.0	886.4	872.7	854.5
45°	953.9	959.6	963.6	965.4	962.6	957.8	951.8	945.3	933.5	918.6	904.9
42.5°	996.6	1000.8	1004.3	1006.4	1004.2	1000.3	995.2	986.3	974.3	962.5	948.6
40°	1032.7	1038.2	1042.9	1046.0	1043.2	1038.6	1033.1	1026.8	1013.7	1001.2	988.1
37.5°	1066.7	1071.6	1074.2	1075.0	1074.3	1071.8	1067.1	1059.9	1048.3	1035.2	1020.1
35°	1097.1	1100.4	1101.6	1101.0	1101.8	1100.7	1097.4	1089.2	1077.1	1063.6	1048.9
32.5°	1124.4	1126.7	1126.9	1125.3	1127.5	1127.9	1126.0	1116.5	1103.4	1088.6	1073.7
30°	1152.3	1154.4	1154.7	1153.0	1155.5	1155.8	1154.2	1143.3	1130.1	1114.2	1099.1
27.5°	1178.0	1181.4	1182.7	1182.2	1183.6	1182.9	1179.8	1170.1	1156.6	1139.6	1126.6
25°	1201.5	1206.6	1209.7	1210.7	1210.7	1208.7	1203.9	1194.8	1181.9	1168.2	1153.5
22.5°	1224.0	1229.5	1233.1	1234.2	1234.7	1232.8	1227.2	1217.7	1206.1	1193.1	1177.7
20°	1244.8	1250.9	1254.5	1256.0	1255.3	1252.9	1247.0	1238.0	1226.9	1213.8	1198.8
17.5°	1261.8	1267.8	1272.1	1274.0	1273.1	1269.9	1263.8	1255.9	1244.0	1230.9	1216.4
15°	1278.1	1284.8	1288.8	1289.9	1289.6	1285.7	1279.0	1270.7	1260.5	1246.2	1231.0
12.5°	1292.1	1299.4	1303.3	1303.9	1302.9	1299.0	1292.8	1284.5	1273.4	1260.2	1244.0
10°	1303.7	1310.4	1314.0	1313.9	1313.6	1310.1	1303.0	1294.8	1284.9	1271.8	1254.9
7.5°	1312.2	1320.2	1322.3	1322.5	1320.8	1317.7	1311.1	1303.6	1294.5	1281.0	1264.7
5°	1320.5	1327.7	1330.0	1328.0	1326.1	1323.5	1318.9	1311.9	1302.2	1288.6	1271.1
2.5°	1323.7	1330.8	1334.9	1331.9	1330.6	1327.9	1322.6	1317.6	1306.3	1292.2	1274.8
0°	1325.6	1332.0	1334.7	1333.7	1331.0	1328.1	1323.8	1315.9	1306.0	1292.9	1276.3
-2.5°	1322.7	1329.0	1330.0	1328.1	1326.4	1324.0	1321.2	1315.1	1303.8	1289.3	1271.3
-5°	1318.4	1322.7	1323.3	1321.0	1320.0	1319.3	1316.5	1310.1	1299.7	1284.0	1263.9
-7.5°	1312.8	1318.0	1317.1	1315.0	1314.7	1313.9	1312.0	1305.5	1294.0	1277.6	1258.8
-10°	1306.0	1310.7	1311.8	1309.5	1310.7	1308.8	1306.1	1298.4	1285.7	1269.3	1250.3
-12.5°	1296.6	1301.4	1303.7	1304.1	1304.4	1302.5	1297.5	1289.0	1277.4	1261.5	1244.6
-15°	1286.4	1292.0	1294.2	1294.7	1295.0	1292.9	1287.5	1278.6	1266.7	1253.5	1236.6
-17.5°	1273.4	1279.9	1282.3	1283.0	1282.4	1279.8	1273.8	1266.0	1254.4	1241.0	1225.0
-20°	1257.9	1264.1	1266.3	1266.6	1265.9	1263.5	1257.8	1250.3	1238.6	1224.5	1210.8



REPORT NUMBER: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-22W-7040

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1237.4	1242.0	1244.9	1245.4	1245.5	1243.3	1237.7	1229.1	1217.2	1205.2	1191.0
-25°	1213.6	1218.4	1221.2	1221.7	1222.0	1219.8	1213.9	1205.6	1194.1	1181.7	1169.5
-27.5°	1188.6	1195.3	1198.4	1199.4	1198.4	1195.2	1188.5	1179.1	1170.7	1158.9	1143.3
-30°	1160.5	1165.6	1168.8	1170.0	1168.8	1165.6	1160.5	1153.5	1143.4	1130.3	1115.5
-32.5°	1130.2	1136.0	1139.4	1140.6	1140.0	1137.3	1132.3	1123.7	1112.1	1099.4	1085.3
-35°	1089.5	1096.1	1100.2	1101.7	1101.2	1098.1	1092.2	1084.4	1075.3	1062.5	1046.1
-37.5°	1051.6	1057.1	1060.5	1061.7	1061.3	1058.7	1054.1	1047.0	1036.2	1023.0	1008.5
-40°	1001.7	1007.5	1010.1	1009.3	1010.7	1008.4	1002.5	993.0	982.9	973.0	961.6
-42.5°	938.8	944.9	947.9	948.0	948.2	945.7	940.3	932.8	926.9	917.7	903.1
-45°	890.0	895.2	898.6	900.0	899.4	896.6	891.6	884.8	875.8	864.3	850.8
-47.5°	837.9	842.3	844.7	845.0	845.0	842.8	838.5	831.6	822.7	812.7	801.0
-50°	780.9	785.4	787.9	788.0	788.0	785.5	780.7	774.1	764.9	752.0	737.2
-52.5°	679.0	682.1	681.2	676.0	680.3	680.2	675.6	666.4	652.7	643.8	639.5
-55°	575.8	579.5	581.3	581.5	580.4	577.6	573.1	566.9	559.5	559.9	552.1
-57.5°	517.1	519.3	520.3	519.4	519.9	518.7	516.3	512.6	503.6	491.6	478.7
-60°	412.2	414.5	414.7	412.9	414.6	414.5	412.2	407.4	400.1	398.6	396.6
-62.5°	353.2	355.5	356.8	357.1	356.8	355.3	352.7	349.0	343.4	338.0	331.0
-65°	264.8	263.6	259.7	253.9	257.9	260.1	259.8	256.3	248.9	242.3	242.3
-67.5°	187.0	189.6	190.9	190.9	190.3	188.4	185.4	181.1	175.8	173.1	173.8
-70°	130.0	131.9	133.2	133.4	133.1	131.7	129.4	126.9	124.5	122.5	119.1
-72.5°	64.6	64.5	64.0	62.6	63.5	63.7	63.3	62.7	62.1	61.7	61.8
-75°	37.0	37.1	37.2	37.1	37.1	37.0	36.8	36.5	36.0	35.5	35.3
-77.5°	27.0	27.1	27.2	27.1	27.1	27.0	26.9	26.6	26.2	25.8	25.5
-80°	18.8	18.8	18.9	18.8	18.8	18.8	18.7	18.5	18.3	18.1	17.8
-82.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.7	11.6	11.5	11.3	11.1
-85°	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.2
-87.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.8	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: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-22W-7040

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	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	3.9	3.6	3.3	3.1	2.9	2.8	2.5	2.2	2.0	1.7	1.4
77.5°	10.7	10.4	9.9	9.3	8.8	8.4	7.9	7.2	6.6	6.0	5.3
75°	20.8	20.2	19.5	18.6	17.6	17.0	16.0	14.9	13.8	12.4	11.0
72.5°	35.1	33.9	32.5	31.2	30.9	30.8	28.7	25.8	24.0	21.9	19.8
70°	55.0	54.9	54.0	52.3	52.9	53.8	53.1	51.1	47.1	40.5	33.3
67.5°	111.6	112.1	104.8	92.9	91.5	93.2	91.1	85.3	79.1	73.3	66.4
65°	205.9	207.9	191.4	172.3	178.1	177.1	158.1	148.8	144.3	120.8	107.9
62.5°	299.6	298.6	288.7	263.9	261.4	258.0	237.9	229.3	215.0	190.1	178.5
60°	412.0	389.2	364.5	364.6	363.9	347.1	325.1	310.4	288.0	268.1	244.0
57.5°	498.8	479.4	474.4	466.8	452.5	434.1	429.7	395.0	371.1	344.2	314.4
55°	613.0	614.1	601.3	566.1	535.8	521.4	506.4	491.8	472.5	410.2	389.7
52.5°	716.5	691.6	674.1	661.3	644.3	612.9	585.3	557.5	530.8	500.9	453.9
50°	779.7	767.7	751.8	726.9	698.5	682.2	661.3	631.1	592.7	552.1	519.4
47.5°	842.0	828.9	809.5	783.5	762.4	735.8	709.2	685.9	645.0	609.2	565.3
45°	890.3	874.2	851.2	831.1	809.6	783.4	758.3	722.8	691.3	652.6	613.5
42.5°	933.3	912.8	890.8	871.2	845.7	821.8	795.0	762.4	726.1	690.8	651.2
40°	971.7	948.8	928.3	903.0	880.1	855.8	823.2	793.1	759.6	722.3	684.8
37.5°	1003.5	982.7	959.7	935.0	909.4	882.2	852.6	817.9	785.7	751.1	713.1
35°	1032.8	1010.6	987.8	962.5	936.8	909.7	877.2	843.6	808.1	773.4	737.6
32.5°	1059.0	1039.8	1015.1	988.0	962.6	935.7	904.3	867.1	829.5	793.5	759.5
30°	1084.4	1067.4	1043.8	1015.7	988.6	961.1	929.4	892.4	851.0	813.8	779.3
27.5°	1110.7	1092.5	1071.4	1043.9	1014.7	985.3	954.1	916.9	875.3	835.1	798.2
25°	1136.6	1117.9	1094.4	1068.7	1038.7	1008.2	976.6	940.3	900.5	857.2	816.2
22.5°	1161.1	1140.1	1115.9	1089.1	1060.4	1028.1	995.8	959.9	920.0	877.7	834.2
20°	1181.2	1160.1	1135.0	1108.0	1078.8	1047.0	1013.4	976.5	937.0	896.4	851.5
17.5°	1198.8	1177.4	1152.8	1124.6	1095.8	1064.1	1029.0	991.6	951.2	911.0	866.9
15°	1214.0	1193.2	1168.1	1140.7	1111.6	1078.8	1043.6	1005.6	963.2	922.5	880.0
12.5°	1226.7	1206.5	1181.9	1155.3	1124.7	1091.9	1055.4	1016.6	974.1	932.3	890.2
10°	1237.1	1216.6	1193.2	1166.1	1135.9	1103.4	1065.4	1026.5	985.2	942.0	898.6
7.5°	1245.6	1224.6	1201.8	1174.4	1144.7	1111.1	1072.4	1034.1	993.7	950.0	905.1
5°	1251.9	1230.4	1206.9	1180.3	1150.8	1116.5	1077.4	1038.7	999.7	955.9	909.9
2.5°	1254.6	1233.0	1210.3	1183.8	1154.6	1119.4	1080.1	1040.9	1003.3	959.7	912.8
0°	1254.5	1233.2	1211.5	1185.0	1155.8	1120.1	1080.3	1040.9	1004.6	961.5	913.6
-2.5°	1250.6	1230.4	1209.7	1184.4	1154.2	1118.0	1079.0	1041.4	1005.1	961.7	914.0
-5°	1244.7	1225.9	1205.8	1181.7	1150.1	1113.4	1075.4	1040.0	1003.4	959.7	912.3
-7.5°	1239.7	1220.8	1200.8	1176.0	1143.5	1106.2	1070.2	1036.9	999.8	955.2	908.7
-10°	1234.1	1216.2	1196.2	1169.4	1135.1	1097.2	1063.7	1031.9	994.1	948.6	903.4
-12.5°	1227.2	1210.7	1189.4	1161.3	1127.0	1091.6	1058.0	1025.2	985.6	940.1	897.5
-15°	1219.1	1201.9	1179.7	1150.9	1117.7	1084.3	1051.8	1017.2	975.8	930.6	891.3
-17.5°	1209.2	1189.7	1166.1	1138.7	1107.8	1074.7	1042.2	1007.3	962.8	920.2	882.1
-20°	1194.4	1173.6	1149.1	1122.0	1094.3	1063.0	1030.4	993.7	948.1	908.3	870.3



REPORT NUMBER: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-22W-7040

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1175.2	1153.8	1128.6	1103.2	1074.9	1046.8	1016.9	974.9	933.1	895.3	855.9
-25°	1151.9	1130.0	1106.7	1080.1	1055.1	1029.0	996.3	953.6	916.1	879.0	838.7
-27.5°	1125.0	1105.1	1079.9	1057.5	1034.7	1005.7	968.5	932.7	897.4	860.1	820.1
-30°	1097.5	1076.1	1055.1	1035.6	1008.8	976.7	940.3	908.5	874.9	839.4	801.9
-32.5°	1065.2	1046.3	1027.9	1005.7	978.0	943.0	913.4	882.3	847.3	816.5	778.8
-35°	1030.0	1014.1	994.9	969.1	939.2	912.9	884.0	848.3	813.5	785.9	748.5
-37.5°	995.7	976.1	950.0	923.7	903.4	880.2	843.4	806.1	778.4	747.1	711.8
-40°	944.6	920.7	899.1	881.6	861.6	829.3	792.0	765.0	737.9	707.8	671.3
-42.5°	883.7	867.2	853.6	834.6	806.3	773.3	745.0	722.2	696.7	665.0	629.5
-45°	835.7	819.7	802.6	779.1	753.8	727.5	701.7	678.9	651.7	621.2	580.5
-47.5°	785.8	769.0	750.7	729.7	705.1	678.4	652.4	632.4	605.9	568.5	522.2
-50°	721.9	709.7	693.5	665.5	633.2	609.1	596.9	582.5	545.2	499.7	465.3
-52.5°	633.2	617.1	588.7	566.5	556.0	551.0	538.0	507.0	464.3	437.8	421.2
-55°	538.7	519.9	505.3	504.7	500.1	483.6	449.1	418.3	405.8	392.2	370.2
-57.5°	466.4	458.6	453.0	434.7	411.2	389.0	379.3	370.7	354.9	325.6	302.2
-60°	388.7	376.4	358.2	346.1	342.1	338.5	329.1	303.9	276.4	262.0	249.3
-62.5°	319.5	308.9	301.3	297.2	287.0	269.6	253.3	239.2	225.9	209.9	195.4
-65°	241.5	238.5	234.2	227.9	217.8	207.7	195.9	182.0	168.4	155.2	147.6
-67.5°	172.9	171.8	167.9	159.1	147.3	139.6	136.1	130.5	125.6	110.6	98.2
-70°	113.2	108.6	105.9	103.6	100.6	96.4	88.7	81.2	76.5	73.6	70.1
-72.5°	61.0	59.2	57.4	53.9	49.5	50.3	51.3	50.7	46.6	40.4	34.8
-75°	34.6	33.8	33.0	32.1	31.7	31.5	29.9	27.7	26.3	24.8	23.9
-77.5°	25.1	24.7	24.1	23.4	22.7	22.0	21.2	20.3	19.3	18.2	17.1
-80°	17.5	17.2	16.8	16.2	15.7	15.0	14.3	13.6	12.9	12.2	11.3
-82.5°	10.9	10.6	10.4	10.1	9.7	9.4	8.9	8.5	8.0	7.6	7.0
-85°	6.0	5.9	5.7	5.5	5.3	5.1	4.8	4.5	4.3	4.1	3.8
-87.5°	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-22W-7040

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	0.3	0.3	0.3	0.3	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°	1.2	1.0	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	4.5	3.8	3.1	2.2	1.6	1.2	0.9	0.7	0.6	0.6	0.5
75°	9.5	8.4	7.3	6.2	4.9	3.5	2.2	1.6	1.1	0.8	0.7
72.5°	17.3	14.9	12.6	10.4	8.9	7.2	5.3	3.4	2.1	1.4	1.0
70°	30.8	26.0	20.4	17.1	13.9	10.9	8.6	6.3	4.2	2.5	1.5
67.5°	58.0	48.2	39.0	29.2	21.0	16.4	12.4	9.4	6.7	4.3	2.5
65°	96.3	80.4	67.9	53.8	38.1	25.1	17.8	13.1	9.5	6.5	3.9
62.5°	147.6	129.1	105.2	84.0	66.2	45.3	27.5	18.0	12.8	8.8	5.7
60°	214.2	187.4	156.6	129.6	94.6	71.3	47.6	26.2	16.8	11.6	7.5
57.5°	285.6	249.2	214.8	178.0	140.7	98.4	71.3	44.6	21.8	14.9	9.6
55°	353.5	318.1	275.9	232.0	182.4	137.8	96.1	66.0	37.0	18.7	12.1
52.5°	418.6	382.4	341.7	287.0	228.2	176.6	126.9	87.0	55.2	23.2	15.0
50°	476.7	439.1	401.1	342.2	277.0	215.9	162.5	111.8	73.8	39.2	18.5
47.5°	528.6	486.1	449.4	390.9	324.0	257.4	195.6	140.1	91.9	55.1	23.4
45°	570.8	530.4	481.8	434.7	369.0	298.0	230.1	168.6	114.5	70.8	32.8
42.5°	609.4	568.4	515.4	463.8	407.2	337.5	264.3	197.1	136.8	86.1	46.0
40°	642.8	597.7	548.7	491.3	440.6	372.0	298.2	225.6	157.6	102.0	58.6
37.5°	673.4	626.3	577.0	520.3	463.8	403.6	329.4	252.6	181.4	119.7	70.5
35°	699.1	654.6	603.0	547.7	486.1	432.2	356.9	278.7	204.1	136.2	81.9
32.5°	722.5	678.7	627.3	572.4	509.2	450.7	381.1	305.3	225.7	151.5	92.7
30°	742.3	701.5	650.7	594.1	531.0	467.6	406.0	328.0	245.8	167.5	103.4
27.5°	760.8	720.8	671.3	614.2	551.6	484.2	427.2	348.8	264.4	183.7	115.1
25°	777.1	735.7	690.4	632.6	570.9	502.2	441.2	366.8	282.7	198.8	125.7
22.5°	792.4	750.1	707.1	649.2	588.0	519.5	454.0	383.1	299.9	212.9	135.5
20°	806.9	764.7	720.7	665.6	603.4	535.4	465.5	398.3	315.0	225.8	144.4
17.5°	820.7	775.9	730.3	679.7	617.6	549.7	476.3	411.2	327.8	237.2	152.5
15°	833.1	787.2	739.4	691.0	629.6	561.9	487.2	421.3	339.1	247.0	159.6
12.5°	843.1	797.1	749.9	700.1	639.5	571.3	496.6	428.2	348.8	255.4	166.1
10°	850.8	805.3	758.5	706.6	647.6	578.6	504.5	433.8	356.2	262.4	172.1
7.5°	856.3	811.7	764.9	711.4	653.8	584.1	510.8	438.1	361.6	268.0	176.9
5°	860.1	816.2	769.4	714.6	658.1	587.9	515.4	441.1	365.6	272.1	180.5
2.5°	862.0	819.0	772.4	716.2	660.5	590.0	518.2	442.8	368.1	274.7	182.8
0°	861.9	820.1	773.6	716.2	661.3	590.4	519.1	443.0	369.0	275.9	183.9
-2.5°	864.1	821.5	774.5	718.6	663.4	592.8	520.6	444.2	370.3	277.4	185.0
-5°	864.5	821.1	773.7	719.4	663.8	593.4	520.2	443.9	370.1	277.4	184.9
-7.5°	863.2	818.9	771.5	718.8	662.3	592.1	518.0	442.3	368.6	276.0	183.5
-10°	860.6	814.5	767.8	716.9	659.1	588.7	514.0	439.2	365.7	273.3	180.9
-12.5°	856.2	808.3	762.7	713.6	653.8	583.2	508.5	434.6	361.3	269.1	176.9
-15°	849.3	800.6	756.7	707.9	646.8	575.8	501.5	428.7	355.0	263.6	172.0
-17.5°	838.9	791.6	749.1	700.4	637.8	567.0	493.1	421.2	347.5	256.7	166.2
-20°	825.4	782.3	740.8	689.7	626.9	556.7	482.7	412.4	339.1	247.7	158.9



REPORT NUMBER: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-22W-7040

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	811.2	770.2	728.2	676.3	613.5	542.8	469.8	402.3	326.9	236.9	150.3
-25°	796.9	754.7	710.6	656.3	595.4	527.4	455.9	390.6	312.1	224.7	141.5
-27.5°	780.6	736.2	688.6	633.9	572.7	512.2	441.9	377.8	296.5	211.2	132.4
-30°	758.6	714.2	663.1	607.5	548.7	489.3	426.7	363.9	281.6	196.3	122.4
-32.5°	733.3	686.6	635.1	576.2	523.0	462.7	408.2	347.8	264.6	180.2	112.5
-35°	703.5	655.2	601.9	547.6	498.1	439.7	386.4	323.0	244.2	162.8	102.0
-37.5°	668.7	619.6	564.8	518.9	466.8	415.0	362.8	295.8	222.3	145.8	91.9
-40°	630.1	577.7	531.5	490.1	437.7	388.4	333.2	269.4	198.8	129.8	82.6
-42.5°	583.1	537.4	500.7	453.6	407.8	358.8	296.8	238.5	171.6	114.2	72.8
-45°	533.7	501.9	465.0	421.1	375.7	322.3	267.5	206.8	146.0	98.5	62.5
-47.5°	487.2	461.7	427.0	384.8	337.3	281.8	232.2	174.4	123.9	86.4	53.5
-50°	444.9	416.7	385.0	343.6	290.2	247.9	195.8	143.7	104.8	72.7	46.4
-52.5°	397.6	365.5	336.6	291.6	253.3	207.8	159.0	119.4	86.5	58.5	39.7
-55°	337.8	313.5	279.3	249.4	210.5	167.3	128.7	99.1	68.9	49.5	32.8
-57.5°	283.9	256.5	233.5	203.5	166.7	131.3	105.6	75.2	53.7	40.5	25.6
-60°	228.5	209.2	184.8	156.6	128.0	106.6	78.9	56.5	43.9	31.7	17.7
-62.5°	177.9	161.5	136.8	117.2	103.5	76.7	55.7	44.3	34.3	22.8	9.8
-65°	131.8	112.9	101.5	93.0	66.4	51.0	42.2	34.2	24.9	14.0	8.1
-67.5°	90.9	85.0	70.2	53.3	43.7	38.0	31.9	24.4	15.5	9.3	6.5
-70°	58.6	47.4	39.4	36.3	32.6	27.9	22.0	14.7	9.9	7.3	4.9
-72.5°	31.8	30.7	28.9	26.3	22.8	18.1	12.3	9.9	7.5	5.4	3.7
-75°	23.3	22.0	19.9	17.0	13.3	11.4	9.2	7.3	5.5	3.9	2.7
-77.5°	15.7	13.8	12.4	10.9	9.6	8.1	6.6	5.1	3.9	2.8	2.0
-80°	10.3	9.3	8.3	7.4	6.4	5.4	4.4	3.4	2.6	2.0	1.4
-82.5°	6.4	5.7	5.1	4.5	3.9	3.4	2.8	2.2	1.7	1.4	1.0
-85°	3.5	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.7
-87.5°	1.6	1.5	1.3	1.2	1.1	1.0	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: P622910 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-22W-7040

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°	0.6	0.5	0.4	0.3	0.3	0.2	0.0
72.5°	0.7	0.6	0.4	0.4	0.3	0.2	0.0
70°	1.0	0.7	0.5	0.4	0.3	0.2	0.0
67.5°	1.5	0.9	0.6	0.4	0.4	0.3	0.0
65°	2.2	1.2	0.7	0.5	0.4	0.3	0.0
62.5°	3.0	1.7	0.9	0.5	0.4	0.3	0.0
60°	4.4	2.2	1.0	0.6	0.4	0.3	0.0
57.5°	6.0	3.0	1.4	0.7	0.4	0.3	0.0
55°	7.5	3.9	1.8	0.8	0.5	0.3	0.0
52.5°	9.0	5.1	2.2	0.9	0.5	0.3	0.0
50°	10.9	6.2	2.8	1.0	0.5	0.3	0.0
47.5°	12.9	7.4	3.3	1.2	0.6	0.4	0.0
45°	15.8	8.5	3.9	1.4	0.6	0.4	0.0
42.5°	18.8	9.7	4.8	1.7	0.6	0.4	0.0
40°	23.9	11.0	5.5	1.9	0.6	0.4	0.0
37.5°	29.3	12.2	6.3	2.2	0.7	0.4	0.0
35°	37.4	14.2	7.0	2.5	0.7	0.4	0.0
32.5°	46.5	16.5	7.7	2.8	0.8	0.4	0.0
30°	55.1	18.8	8.3	3.2	0.8	0.4	0.0
27.5°	63.0	21.6	9.0	3.5	0.9	0.4	0.0
25°	70.4	25.7	9.5	3.8	0.9	0.4	0.0
22.5°	77.1	29.7	10.2	4.0	1.0	0.4	0.0
20°	83.3	33.7	10.7	4.3	1.0	0.4	0.0
17.5°	89.0	37.4	11.2	4.6	1.1	0.4	0.0
15°	93.9	41.2	11.7	4.9	1.1	0.4	0.0
12.5°	98.3	44.8	12.0	5.1	1.1	0.4	0.0
10°	102.0	48.0	12.3	5.3	1.1	0.4	0.0
7.5°	105.0	50.6	12.6	5.4	1.2	0.4	0.0
5°	107.4	52.6	12.7	5.6	1.2	0.4	0.0
2.5°	109.1	54.2	12.9	5.7	1.2	0.4	0.0
0°	110.1	55.2	12.9	5.7	1.2	0.4	0.0
-2.5°	110.5	55.5	13.5	5.7	1.2	0.5	0.0
-5°	110.2	55.2	14.0	5.7	1.2	0.5	0.0
-7.5°	109.2	54.4	14.4	5.7	1.3	0.5	0.0
-10°	107.5	53.1	14.8	5.6	1.3	0.5	0.0
-12.5°	105.1	51.4	14.9	5.5	1.3	0.5	0.0
-15°	101.9	49.1	15.0	5.4	1.3	0.5	0.0
-17.5°	98.0	46.5	14.9	5.2	1.3	0.5	0.0
-20°	93.4	43.7	14.6	5.0	1.2	0.5	0.0

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CATALOG NUMBER: LSF25-XX-PC-22W-7040

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	88.6	40.5	14.2	4.8	1.2	0.5	0.0
-25°	83.5	37.1	13.5	4.6	1.2	0.5	0.0
-27.5°	77.9	33.4	12.7	4.3	1.1	0.5	0.0
-30°	71.8	30.8	11.8	4.1	1.1	0.5	0.0
-32.5°	65.2	28.4	10.6	3.8	1.1	0.4	0.0
-35°	58.0	25.6	9.2	3.4	1.0	0.4	0.0
-37.5°	51.1	23.0	7.9	3.1	0.9	0.4	0.0
-40°	45.2	20.8	7.2	2.9	0.9	0.4	0.0
-42.5°	39.2	18.2	6.5	2.6	0.9	0.4	0.0
-45°	34.7	15.4	5.8	2.3	0.8	0.4	0.0
-47.5°	29.7	12.2	5.2	2.0	0.8	0.4	0.0
-50°	25.2	8.7	4.5	1.8	0.7	0.4	0.0
-52.5°	20.2	7.7	3.9	1.6	0.7	0.4	0.0
-55°	14.9	6.6	3.3	1.4	0.7	0.4	0.0
-57.5°	9.3	5.6	2.8	1.2	0.6	0.4	0.0
-60°	7.9	4.6	2.3	1.1	0.6	0.4	0.0
-62.5°	6.5	3.8	2.0	1.0	0.6	0.3	0.0
-65°	5.2	3.0	1.6	0.9	0.5	0.3	0.0
-67.5°	4.1	2.4	1.3	0.8	0.5	0.3	0.0
-70°	3.1	1.9	1.1	0.7	0.5	0.3	0.0
-72.5°	2.4	1.5	0.9	0.7	0.4	0.2	0.0
-75°	1.8	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)