

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1440301

Luminaire Tested: XSF60-KNYK-6Hx6V-850-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440301
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-850-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT 80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5924.5 lumens
Efficiency: N/A
Efficacy: 164.6 lumens/watt
Luminous Opening: Rectangular (W 0.3' x L: 0.3' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

Input Watts (W): 36
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: 28.75 FT

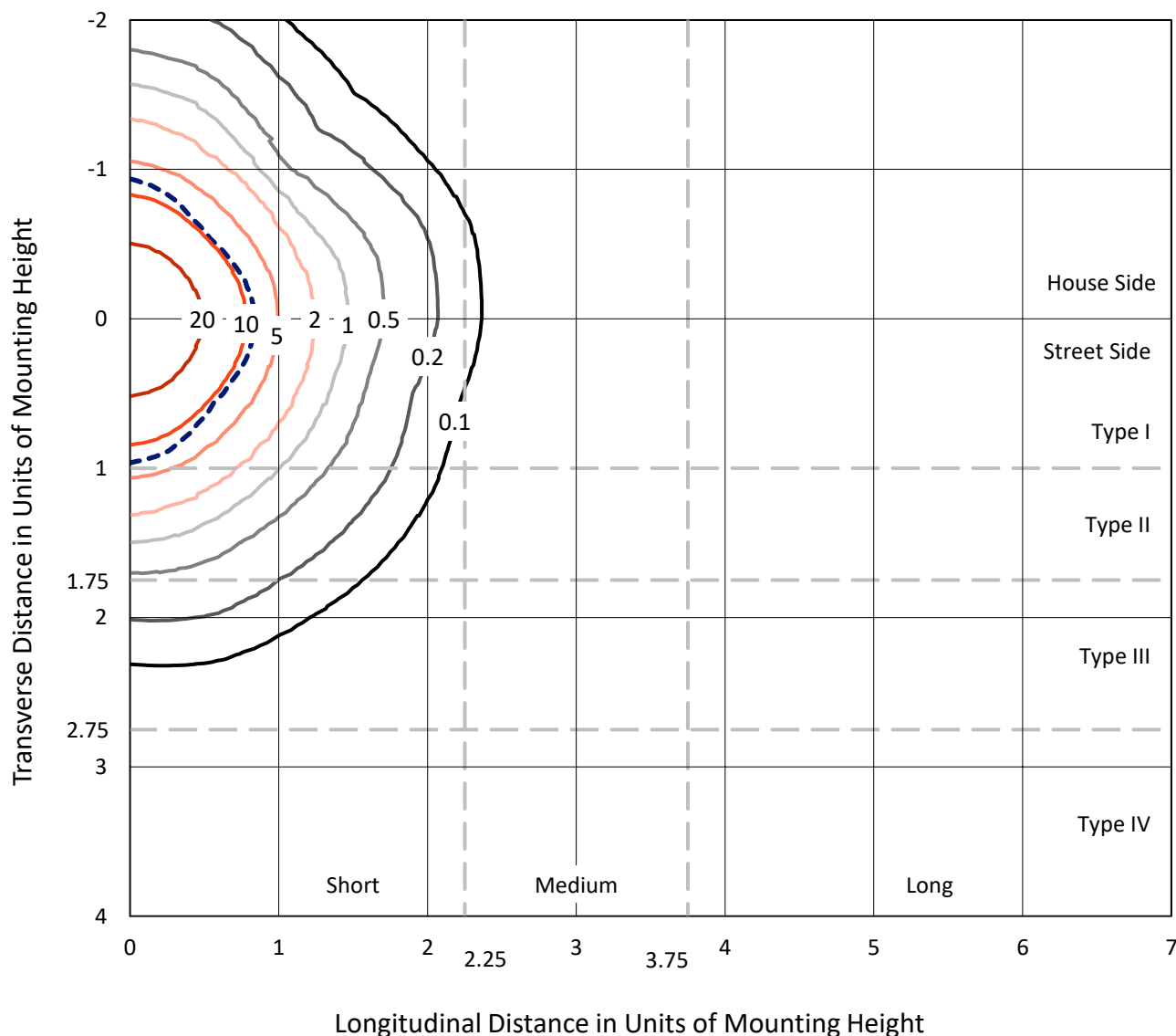
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



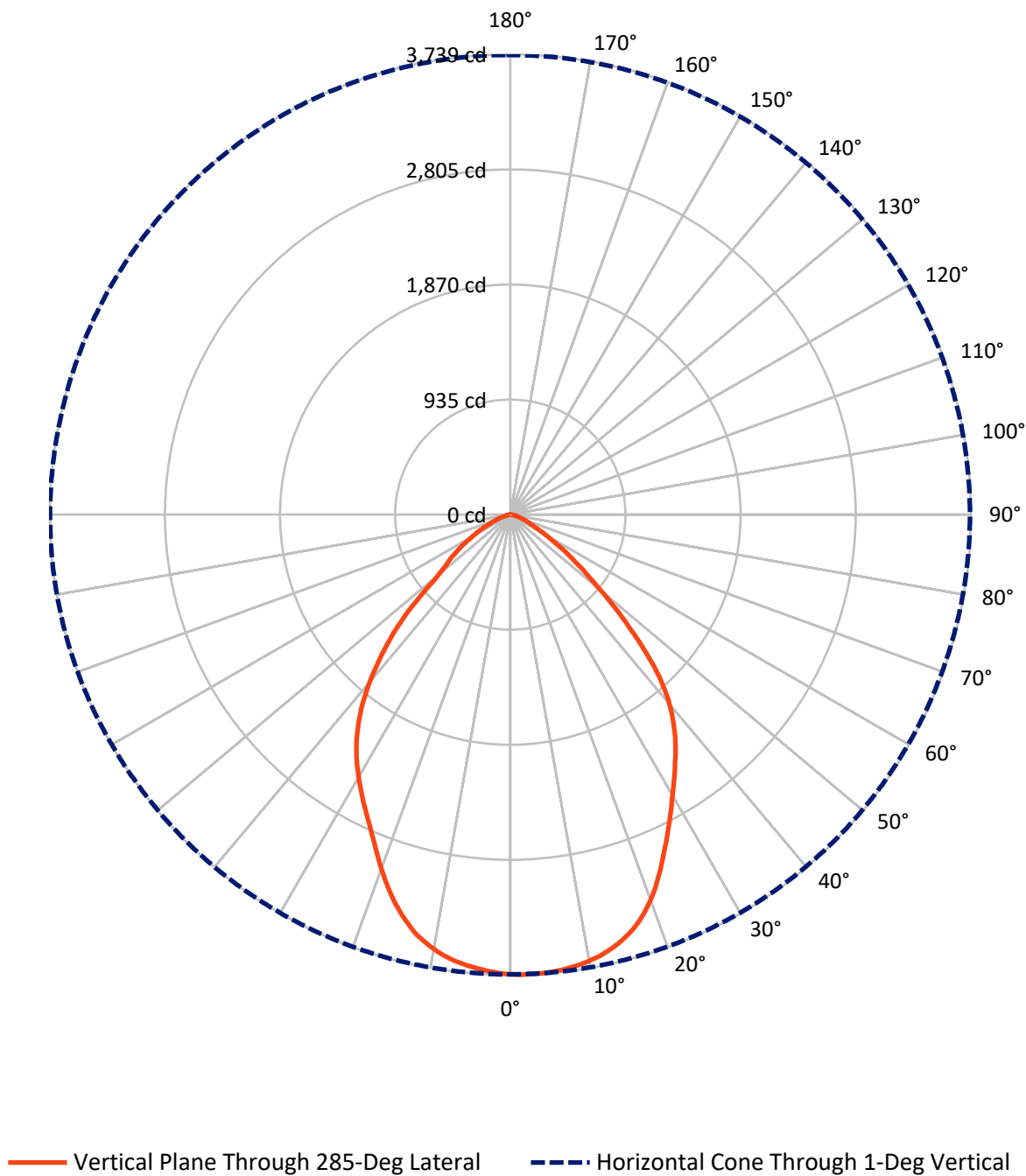
Based on 10 foot mounting height. Maximum calculated value = 37.4 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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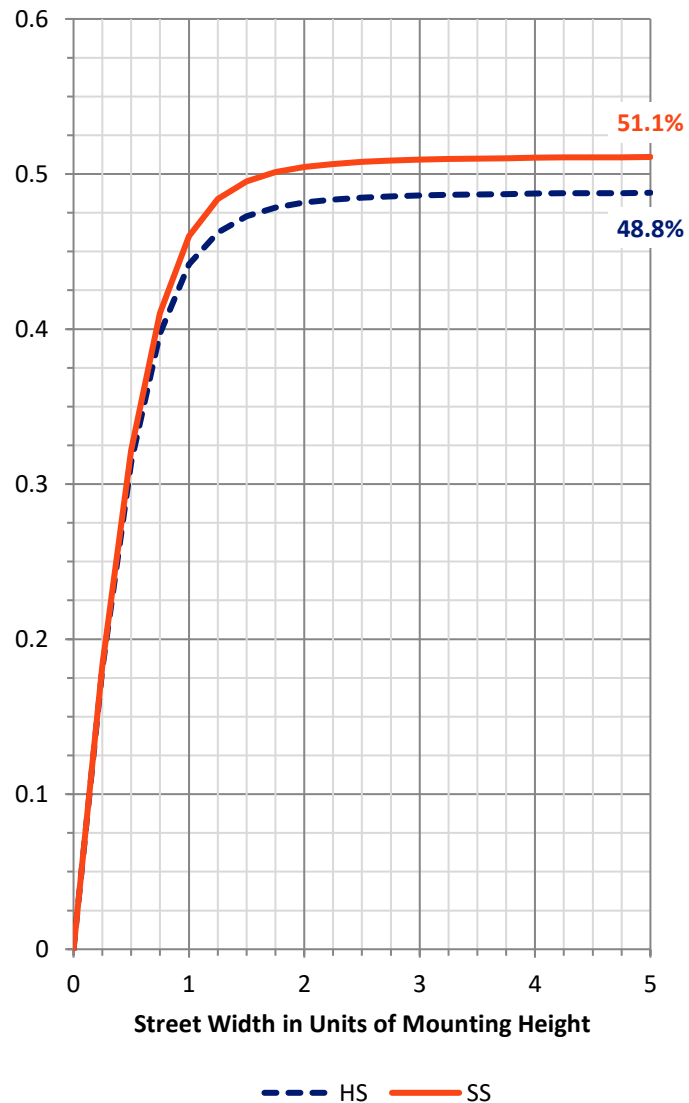
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2908.7	0.0	2908.7
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	3015.8	0.0	3015.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	5924.5	0.0	5924.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	352.1	5.9
10°-20°	976.4	16.5
20°-30°	1319.9	22.3
30°-40°	1405.1	23.7
40°-50°	1094.6	18.5
50°-60°	503.9	8.5
60°-70°	202.1	3.4
70°-80°	62.8	1.1
80°-90°	7.5	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5924.5	100.0
0°-180°	5924.5	100.0

Coefficient of Utilization



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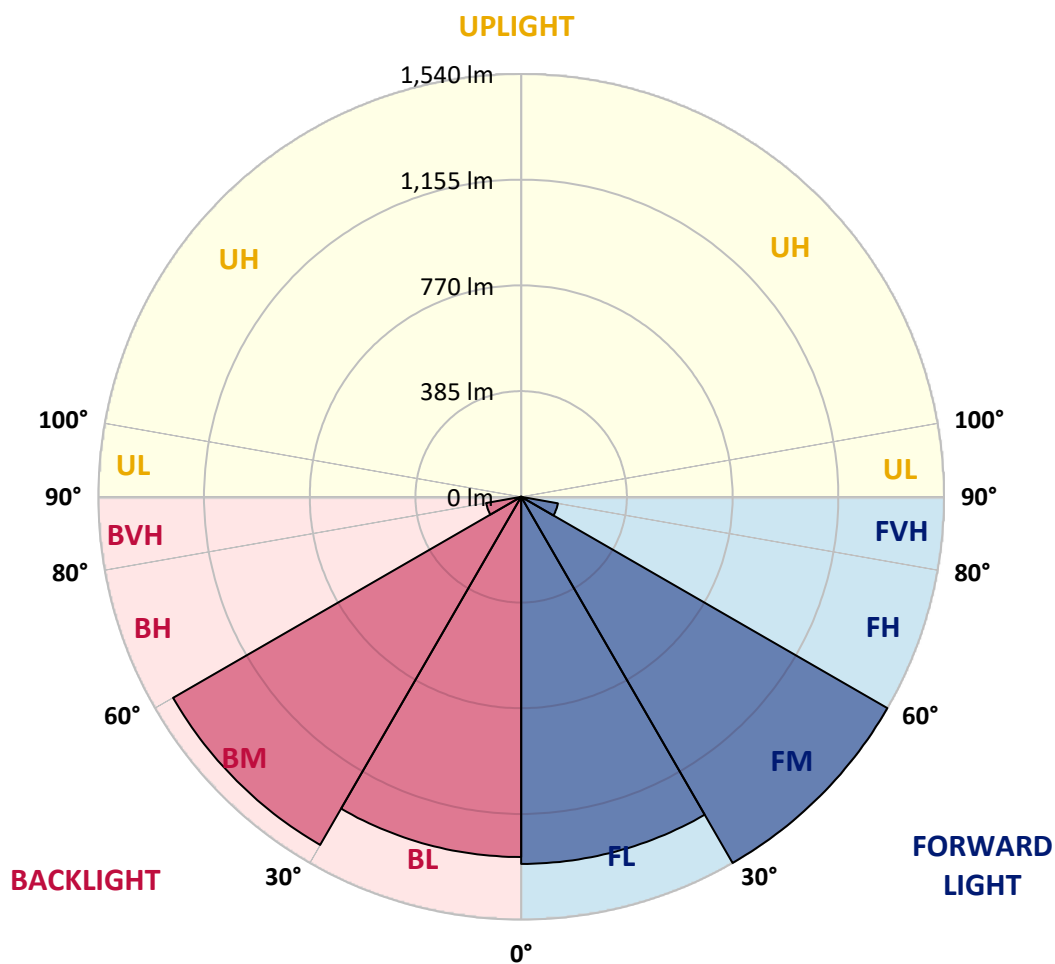
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1336.8	22.6			
FM	(30°-60°)	1539.8	26.0			
FH	(60°-80°)	135.6	2.3			G0/660
FVH	(80°-90°)	3.6	0.1			G0/10
BL	(0°-30°)	1311.6	22.1	B3/2500		
BM	(30°-60°)	1463.9	24.7	B2/2500		
BH	(60°-80°)	129.4	2.2	B1/500		G0/660
BVH	(80°-90°)	3.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0
1°	3735.1	3734.9	3734.5	3734.1	3731.9	3732.1	3732.6	3732.0	3733.1	3732.7	3733.8
2°	3734.3	3732.5	3730.4	3730.0	3729.1	3726.6	3725.9	3723.9	3725.4	3727.5	3728.5
3°	3731.9	3729.3	3726.6	3723.8	3720.9	3718.9	3715.4	3716.1	3717.2	3719.6	3721.5
4°	3726.4	3722.6	3718.7	3715.4	3711.5	3707.9	3705.7	3703.8	3706.2	3708.8	3710.5
5°	3719.3	3713.7	3710.0	3703.5	3698.6	3695.3	3692.2	3691.4	3692.3	3694.5	3698.5
6°	3709.7	3703.6	3695.7	3690.2	3684.7	3681.1	3678.6	3678.6	3677.7	3679.5	3685.6
7°	3697.3	3691.1	3683.6	3675.7	3669.4	3665.1	3664.7	3663.4	3663.3	3665.2	3671.2
8°	3687.2	3678.4	3668.8	3660.7	3652.2	3647.1	3646.4	3645.4	3646.7	3649.6	3655.7
9°	3674.4	3663.2	3652.9	3643.9	3633.1	3627.4	3623.7	3623.5	3624.8	3628.8	3637.8
10°	3658.8	3646.9	3634.5	3622.9	3611.3	3603.6	3597.6	3598.1	3601.8	3606.0	3613.8
11°	3640.7	3626.1	3611.5	3598.2	3586.8	3577.0	3569.1	3568.2	3572.7	3580.1	3588.8
12°	3617.8	3602.1	3586.5	3570.4	3558.2	3545.4	3536.4	3533.7	3540.2	3548.8	3559.9
13°	3592.2	3575.6	3558.4	3540.0	3523.6	3509.7	3498.3	3498.3	3503.6	3513.7	3525.4
14°	3563.9	3544.5	3525.0	3505.5	3486.8	3469.3	3454.1	3453.1	3460.2	3473.4	3484.6
15°	3530.4	3508.9	3487.7	3466.9	3444.5	3422.7	3404.7	3402.3	3411.7	3428.0	3438.9
16°	3490.6	3466.4	3443.3	3422.9	3396.0	3372.0	3351.0	3349.1	3358.6	3375.2	3387.4
17°	3444.7	3421.1	3394.0	3372.7	3341.2	3315.1	3292.8	3291.7	3300.6	3316.8	3331.5
18°	3395.5	3369.1	3341.7	3315.0	3280.7	3255.3	3229.8	3229.2	3238.7	3254.1	3270.3
19°	3341.3	3312.4	3285.8	3254.1	3218.1	3191.0	3165.3	3163.8	3171.6	3187.6	3206.4
20°	3284.8	3255.5	3224.1	3186.3	3150.5	3122.8	3099.6	3095.4	3101.0	3115.6	3139.1
21°	3227.1	3194.8	3161.8	3116.5	3078.8	3053.8	3033.6	3026.2	3024.9	3040.7	3064.0
22°	3167.1	3129.9	3090.7	3041.5	3002.7	2984.1	2965.8	2954.9	2949.6	2964.5	2989.2
23°	3102.5	3060.8	3015.8	2962.8	2925.6	2915.6	2902.4	2887.1	2872.6	2881.8	2910.0
24°	3037.9	2994.4	2941.1	2884.0	2850.0	2850.4	2844.4	2823.4	2799.1	2800.3	2837.4
25°	2977.7	2933.1	2869.9	2807.0	2776.4	2789.3	2791.7	2762.2	2726.2	2720.2	2766.2
26°	2923.0	2875.1	2800.0	2730.4	2703.8	2730.9	2740.3	2705.5	2656.9	2646.3	2696.0
27°	2871.4	2819.5	2732.7	2655.0	2635.3	2674.7	2689.4	2650.9	2590.9	2571.3	2626.8
28°	2821.2	2764.0	2664.9	2582.0	2569.7	2619.7	2639.7	2597.6	2524.9	2499.2	2561.0
29°	2776.1	2710.4	2601.8	2511.8	2504.0	2565.8	2590.9	2543.8	2461.2	2428.2	2495.2
30°	2734.1	2659.5	2537.8	2441.8	2438.1	2512.4	2543.0	2490.8	2398.9	2359.0	2430.8
31°	2690.3	2608.4	2474.7	2374.0	2375.5	2458.8	2492.7	2436.5	2340.6	2294.4	2369.1
32°	2647.9	2559.9	2412.9	2309.5	2313.6	2406.0	2440.4	2381.6	2283.3	2230.0	2309.3
33°	2608.6	2513.9	2351.8	2244.6	2253.5	2348.9	2386.2	2324.8	2225.2	2167.5	2250.3
34°	2569.3	2469.1	2293.6	2180.5	2190.7	2291.6	2328.5	2264.7	2165.8	2104.5	2191.1
35°	2529.0	2424.6	2234.8	2114.0	2125.7	2229.2	2267.0	2199.9	2100.7	2039.9	2130.1
36°	2488.3	2377.9	2176.2	2044.5	2062.0	2163.8	2198.7	2132.5	2028.9	1971.0	2065.4
37°	2444.3	2326.6	2115.3	1976.3	1996.3	2096.9	2127.2	2062.2	1953.1	1893.7	1995.2
38°	2394.9	2266.1	2053.9	1911.2	1928.7	2023.3	2052.2	1987.4	1871.5	1810.8	1918.2
39°	2335.0	2198.1	1986.8	1841.2	1856.3	1945.5	1972.7	1905.9	1788.1	1726.1	1838.9
40°	2261.1	2124.3	1909.5	1765.3	1778.1	1858.4	1888.5	1820.4	1702.7	1640.8	1752.3
41°	2181.6	2043.3	1823.2	1683.6	1695.1	1766.2	1793.9	1734.1	1613.2	1553.8	1661.5
42°	2087.6	1952.8	1730.8	1597.0	1605.5	1664.3	1691.7	1638.4	1517.2	1463.1	1566.3
43°	1983.6	1854.4	1635.8	1505.8	1514.8	1557.2	1588.7	1545.4	1419.7	1367.8	1470.9
44°	1874.9	1745.8	1539.6	1413.3	1421.3	1452.4	1487.9	1450.0	1326.4	1283.9	1381.8

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1752.1	1634.6	1439.9	1320.3	1329.9	1354.1	1390.0	1360.6	1233.1	1200.0	1299.0
46°	1626.6	1523.2	1340.3	1230.9	1241.3	1257.2	1283.8	1252.3	1139.2	1116.1	1216.2
47°	1503.8	1415.4	1241.9	1143.3	1141.6	1147.3	1177.6	1143.8	1016.6	1028.5	1132.5
48°	1386.9	1309.5	1138.1	1041.4	1035.4	1044.6	1071.5	1022.4	895.8	919.8	1020.3
49°	1263.7	1192.9	1015.6	929.3	930.8	945.5	970.8	900.1	787.8	810.8	895.8
50°	1148.5	1069.4	892.0	808.8	832.8	848.2	885.5	797.5	672.9	673.1	784.4
51°	1060.2	940.5	789.1	709.0	748.2	775.8	818.5	728.1	587.8	565.2	677.1
52°	957.7	821.4	708.5	636.6	674.1	710.8	758.4	676.2	527.8	479.9	604.5
53°	818.9	747.1	631.2	595.2	607.0	642.3	704.3	635.7	476.8	413.8	562.1
54°	745.6	690.7	580.8	554.1	560.0	584.8	641.5	604.9	435.0	350.3	515.6
55°	680.3	613.0	530.8	513.0	513.0	527.3	587.7	564.9	396.7	296.8	460.7
56°	601.1	555.4	480.8	466.3	466.0	469.8	540.8	525.4	361.2	253.1	403.3
57°	528.7	498.5	435.1	427.3	438.6	429.8	492.6	485.5	334.3	227.5	357.0
58°	456.4	441.6	395.3	390.7	399.0	382.5	445.7	457.4	307.4	209.8	315.9
59°	405.6	405.1	361.7	354.6	368.0	343.0	403.8	412.6	272.7	194.9	283.7
60°	357.7	381.0	331.1	321.5	335.6	294.0	370.2	368.1	247.5	181.2	255.9
61°	313.1	345.0	297.0	292.5	301.2	252.9	332.4	339.6	233.3	169.3	230.9
62°	275.0	303.7	266.5	265.3	269.4	231.5	299.0	312.6	213.7	158.6	209.2
63°	244.2	267.2	239.1	240.0	243.3	213.3	273.0	284.8	194.3	148.7	190.4
64°	213.8	241.0	216.7	218.5	221.2	192.0	245.3	253.2	176.5	139.0	173.7
65°	189.2	215.1	197.5	199.6	199.8	172.9	219.1	224.8	160.4	129.4	157.5
66°	169.1	191.7	178.4	181.5	180.3	156.5	193.8	198.3	146.2	119.9	143.5
67°	151.4	170.8	160.6	164.1	161.6	142.0	169.9	173.8	131.9	110.8	129.4
68°	135.7	150.9	143.8	146.4	143.6	128.4	150.7	154.8	117.6	102.2	115.4
69°	120.8	132.3	127.3	129.1	127.0	115.2	131.5	135.8	106.7	93.8	103.3
70°	107.2	115.5	111.4	113.5	112.4	103.0	112.4	116.9	97.0	85.9	92.7
71°	95.0	101.3	97.4	99.1	99.3	92.1	99.2	104.0	87.9	78.4	82.3
72°	83.6	88.7	84.9	87.3	87.5	82.3	87.5	91.9	79.1	70.8	72.8
73°	72.6	76.8	73.4	76.7	77.0	72.9	76.8	80.4	70.5	63.3	64.0
74°	63.1	66.3	63.2	67.2	67.2	64.3	66.7	70.1	62.5	56.2	55.9
75°	54.7	57.2	54.4	58.6	58.8	56.4	57.5	60.0	54.7	49.3	47.9
76°	46.4	48.1	45.8	49.8	50.2	48.4	48.9	50.9	47.2	43.0	40.3
77°	38.1	39.1	37.1	41.1	41.5	40.5	41.5	43.3	40.5	36.8	33.8
78°	30.9	31.1	30.5	33.8	35.0	34.3	35.2	36.4	34.3	30.6	28.2
79°	23.8	24.6	24.9	27.9	29.0	28.4	29.2	30.1	28.6	25.3	23.4
80°	18.0	18.9	19.6	22.7	23.1	23.1	23.3	24.7	23.4	20.8	19.2
81°	13.5	14.2	14.9	18.2	19.0	19.0	18.9	20.0	18.6	16.9	15.5
82°	10.0	11.2	11.7	13.9	14.8	15.2	15.3	16.1	14.8	13.0	11.9
83°	7.1	7.7	7.9	9.6	10.4	11.2	11.7	12.1	11.0	9.1	8.3
84°	4.6	5.4	5.6	5.8	6.9	7.7	8.1	8.1	7.3	6.2	5.7
85°	2.1	3.1	3.3	3.6	4.5	5.5	5.2	5.2	4.7	3.9	3.6
86°	0.7	0.7	0.9	1.4	2.0	3.3	2.9	2.9	2.5	2.1	1.9
87°	0.2	0.2	0.3	0.4	0.6	1.0	1.0	1.1	1.1	0.9	0.9
88°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440301

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440301

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0	3736.0
1°	3734.5	3734.9	3736.0	3736.6	3736.4	3737.5	3736.4	3737.9	3739.4	3737.2	3737.2
2°	3731.4	3731.5	3732.7	3734.0	3735.6	3736.1	3736.7	3737.9	3736.9	3736.9	3736.5
3°	3724.2	3725.7	3728.0	3731.5	3733.8	3733.6	3736.4	3738.3	3735.3	3735.8	3735.1
4°	3713.7	3716.6	3719.5	3724.5	3727.8	3729.8	3732.3	3733.3	3734.0	3732.5	3734.0
5°	3702.0	3707.1	3712.4	3716.2	3720.6	3724.0	3727.5	3731.3	3729.8	3730.0	3731.1
6°	3690.7	3695.5	3701.1	3705.7	3712.1	3715.7	3719.2	3721.3	3721.9	3724.4	3725.4
7°	3677.5	3684.5	3691.0	3695.2	3700.6	3704.2	3707.8	3711.1	3712.5	3713.9	3715.4
8°	3663.1	3670.7	3677.2	3682.7	3689.2	3692.5	3695.5	3699.8	3701.9	3703.9	3702.4
9°	3644.4	3653.2	3661.3	3667.2	3674.4	3678.3	3681.3	3685.9	3689.4	3690.0	3688.5
10°	3622.7	3631.8	3640.9	3648.4	3657.4	3661.4	3666.1	3671.7	3673.3	3675.7	3675.5
11°	3597.4	3605.6	3614.6	3625.8	3636.9	3643.8	3648.8	3654.7	3658.2	3658.9	3660.5
12°	3568.7	3575.9	3588.0	3599.4	3610.0	3621.6	3628.2	3631.9	3635.2	3639.2	3641.3
13°	3533.2	3543.3	3555.6	3570.5	3582.0	3595.0	3599.9	3605.5	3610.2	3615.4	3618.6
14°	3493.0	3505.6	3518.1	3535.9	3550.8	3560.8	3568.9	3575.5	3582.2	3589.7	3594.1
15°	3447.6	3460.8	3475.6	3496.6	3515.3	3526.1	3531.9	3540.7	3548.5	3558.6	3564.6
16°	3398.2	3411.2	3428.3	3450.9	3472.3	3482.7	3490.6	3500.3	3511.7	3524.1	3529.5
17°	3343.4	3357.8	3376.7	3401.2	3423.6	3432.9	3443.3	3453.8	3467.8	3482.9	3491.9
18°	3284.5	3302.2	3323.2	3347.3	3367.7	3378.5	3387.4	3400.6	3417.2	3438.3	3447.6
19°	3222.8	3243.2	3265.6	3289.4	3306.7	3317.0	3325.8	3341.3	3360.8	3384.9	3396.6
20°	3155.9	3177.1	3202.1	3226.7	3239.3	3248.7	3259.1	3276.3	3299.5	3325.8	3341.6
21°	3084.6	3107.2	3132.0	3158.6	3169.2	3175.0	3185.3	3208.0	3232.6	3260.2	3279.9
22°	3017.6	3045.6	3067.4	3085.3	3091.8	3094.3	3110.6	3134.6	3159.2	3189.3	3213.0
23°	2952.1	2989.6	3009.5	3014.9	3011.2	3010.4	3030.8	3060.4	3086.3	3113.2	3139.8
24°	2891.4	2937.7	2955.6	2948.0	2926.5	2923.5	2950.3	2986.7	3012.6	3033.9	3059.9
25°	2838.9	2891.9	2903.8	2880.3	2842.8	2837.9	2869.3	2910.8	2940.6	2953.4	2979.0
26°	2786.3	2847.5	2855.8	2813.8	2759.5	2755.8	2791.9	2841.9	2869.5	2874.4	2898.9
27°	2734.2	2806.2	2807.3	2749.2	2679.1	2674.7	2719.9	2773.8	2800.1	2796.8	2816.6
28°	2681.7	2765.5	2760.0	2684.8	2603.9	2597.8	2651.4	2712.8	2733.6	2720.2	2733.1
29°	2631.8	2724.5	2712.5	2620.8	2530.0	2522.5	2584.2	2651.7	2666.7	2646.5	2653.9
30°	2585.0	2683.5	2665.8	2555.4	2456.4	2450.2	2521.5	2591.5	2603.8	2573.5	2573.4
31°	2537.3	2642.3	2619.4	2491.2	2385.0	2380.5	2460.1	2534.6	2543.9	2501.7	2496.8
32°	2491.0	2601.4	2574.7	2427.7	2315.9	2314.3	2399.8	2478.1	2484.7	2430.2	2421.7
33°	2443.9	2561.2	2527.8	2365.9	2249.4	2252.5	2340.1	2424.2	2424.8	2359.1	2350.2
34°	2395.4	2522.7	2478.7	2305.7	2184.0	2191.5	2282.3	2369.5	2368.5	2289.4	2278.3
35°	2344.9	2483.9	2428.5	2244.0	2119.1	2129.5	2221.9	2312.8	2310.7	2219.2	2207.3
36°	2291.7	2440.1	2374.0	2178.2	2053.2	2067.1	2160.0	2255.6	2250.4	2150.0	2137.3
37°	2232.6	2387.4	2314.1	2112.6	1985.4	2001.6	2099.1	2197.3	2186.9	2081.4	2068.4
38°	2163.9	2324.6	2247.7	2041.3	1914.6	1932.2	2036.5	2135.7	2119.6	2010.3	1999.6
39°	2086.4	2253.4	2172.1	1963.6	1840.3	1857.7	1969.5	2070.6	2049.3	1936.9	1927.5
40°	1999.4	2171.6	2086.6	1879.3	1759.0	1778.1	1894.9	1996.8	1973.4	1861.5	1854.8
41°	1906.0	2081.6	1989.3	1789.4	1673.5	1694.5	1813.3	1912.0	1887.5	1780.3	1776.8
42°	1804.8	1982.0	1881.6	1690.2	1584.0	1606.9	1724.8	1819.0	1792.7	1694.9	1692.2
43°	1700.8	1874.7	1769.4	1584.5	1489.7	1516.5	1629.8	1716.5	1687.5	1605.2	1599.4
44°	1601.4	1770.5	1658.4	1477.1	1389.1	1420.5	1533.0	1610.1	1573.6	1508.3	1505.1

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CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1502.2	1667.1	1546.9	1371.4	1296.5	1322.0	1432.1	1503.1	1456.4	1407.6	1409.6
46°	1409.1	1568.6	1444.8	1275.0	1203.9	1223.6	1335.4	1398.6	1336.4	1303.7	1315.3
47°	1300.1	1452.5	1330.7	1178.6	1111.4	1125.2	1238.6	1304.0	1232.1	1203.0	1224.3
48°	1191.0	1356.4	1216.6	1081.2	1012.3	1018.0	1141.5	1199.2	1123.6	1109.3	1136.0
49°	1082.1	1260.3	1103.1	951.3	881.9	887.6	1021.0	1093.5	1012.4	1008.9	1029.0
50°	989.4	1164.2	1012.5	839.9	744.6	771.4	894.7	981.2	909.7	903.1	907.8
51°	905.0	1070.9	949.0	748.5	620.9	672.6	783.9	879.3	826.5	796.2	785.0
52°	840.1	976.5	873.2	650.7	509.8	568.6	699.6	801.2	755.4	702.0	683.4
53°	804.1	925.8	835.7	605.3	449.0	502.8	647.7	746.4	688.5	627.8	614.1
54°	756.3	876.8	793.9	553.4	386.3	456.7	612.4	680.0	622.1	580.9	568.4
55°	705.8	813.1	724.4	495.1	324.7	416.0	585.4	619.7	564.7	534.0	523.3
56°	632.4	739.9	649.5	440.5	274.9	382.7	555.0	569.6	507.6	487.2	478.3
57°	563.3	661.2	582.4	388.5	243.3	357.3	514.0	519.6	450.5	455.0	437.9
58°	514.1	595.5	522.6	342.8	224.0	334.1	474.4	469.7	393.1	408.9	403.1
59°	461.0	542.8	468.2	308.1	207.1	300.1	449.4	430.9	364.7	369.9	370.5
60°	403.9	484.8	413.3	284.0	192.7	266.0	407.1	391.7	324.6	347.6	340.0
61°	358.2	425.4	364.1	252.3	179.8	240.7	360.9	348.9	277.9	315.7	310.7
62°	318.7	373.0	317.6	222.1	168.1	222.6	326.6	318.2	246.0	283.4	283.6
63°	281.2	325.7	280.6	197.9	157.5	203.7	300.4	291.9	218.6	251.6	258.6
64°	254.1	285.9	249.1	178.0	147.4	186.6	269.6	263.0	195.1	226.4	234.1
65°	227.6	250.1	222.3	160.6	137.4	169.8	240.5	235.4	177.0	205.7	211.6
66°	202.2	220.5	197.2	146.5	127.3	155.4	214.3	209.6	160.8	186.4	191.8
67°	179.2	192.5	175.8	132.5	117.9	140.9	189.7	185.9	146.7	168.0	173.2
68°	158.2	166.9	156.3	118.4	108.5	126.5	167.6	163.6	133.2	150.4	154.6
69°	137.2	144.9	136.7	106.5	100.0	115.1	149.8	143.3	120.4	133.7	136.1
70°	116.3	123.1	117.3	95.3	91.9	104.1	132.0	124.8	108.2	118.1	118.9
71°	99.9	106.7	101.9	84.7	84.0	93.8	114.3	109.2	96.5	103.6	103.7
72°	85.5	91.8	88.4	75.3	76.1	84.5	101.1	95.9	86.3	91.1	90.9
73°	73.1	77.9	76.2	66.5	68.2	76.0	89.2	83.9	76.8	80.1	79.8
74°	61.6	65.6	64.9	58.4	60.7	67.6	78.0	73.1	68.1	70.3	69.8
75°	51.7	55.0	54.4	50.6	53.3	59.5	67.3	63.2	59.3	61.1	60.6
76°	43.2	45.8	45.5	42.8	46.6	51.8	56.9	54.9	51.6	53.2	52.3
77°	36.0	38.2	38.1	36.1	40.1	44.3	48.0	46.6	43.9	45.4	44.0
78°	29.7	31.6	31.5	30.3	33.7	37.3	40.5	38.3	37.1	37.5	35.8
79°	24.2	25.7	25.7	25.3	28.0	31.5	34.0	32.3	31.5	31.6	29.8
80°	19.5	20.6	20.7	20.7	23.2	26.2	28.1	26.0	25.9	25.8	24.5
81°	15.9	16.8	16.9	17.0	18.8	21.1	22.8	20.7	20.6	20.6	19.7
82°	12.3	13.1	13.1	13.3	15.1	17.0	18.2	16.7	16.6	16.3	15.1
83°	8.7	9.4	9.2	9.5	11.4	12.9	14.3	13.0	12.5	12.1	10.7
84°	5.9	6.4	6.4	6.6	7.7	8.7	10.4	9.6	9.0	8.3	6.8
85°	3.7	4.0	4.0	4.2	5.0	5.9	6.5	6.4	5.9	5.9	4.4
86°	1.9	2.1	2.2	2.4	2.7	3.6	3.9	4.2	3.9	3.6	2.0
87°	0.8	0.9	0.9	1.0	1.2	1.8	2.1	2.0	2.0	1.2	0.6
88°	0.4	0.4	0.5	0.4	0.5	0.6	0.6	0.5	0.6	0.3	0.2
89°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1

REPORT NUMBER: P1440301

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440301

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440301
CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440301

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	3736.0	3736.0	3736.0
1°	3736.7	3736.2	3735.1
2°	3736.0	3735.8	3734.3
3°	3736.0	3734.5	3731.9
4°	3733.4	3730.9	3726.4
5°	3727.8	3724.6	3719.3
6°	3720.8	3716.5	3709.7
7°	3710.0	3705.1	3697.3
8°	3698.2	3694.3	3687.2
9°	3687.6	3681.4	3674.4
10°	3673.3	3670.3	3658.8
11°	3657.5	3651.9	3640.7
12°	3638.4	3630.7	3617.8
13°	3616.0	3607.5	3592.2
14°	3589.3	3580.2	3563.9
15°	3560.5	3549.9	3530.4
16°	3525.6	3512.6	3490.6
17°	3486.1	3470.6	3444.7
18°	3442.9	3422.4	3395.5
19°	3393.9	3371.4	3341.3
20°	3338.7	3315.5	3284.8
21°	3279.6	3258.9	3227.1
22°	3215.7	3197.3	3167.1
23°	3145.3	3132.1	3102.5
24°	3071.8	3065.0	3037.9
25°	2999.0	2995.8	2977.7
26°	2924.0	2933.8	2923.0
27°	2851.5	2876.7	2871.4
28°	2778.9	2820.5	2821.2
29°	2711.5	2766.3	2776.1
30°	2641.3	2712.8	2734.1
31°	2573.2	2660.4	2690.3
32°	2509.7	2611.3	2647.9
33°	2446.2	2563.2	2608.6
34°	2383.3	2516.5	2569.3
35°	2317.8	2470.4	2529.0
36°	2256.7	2427.3	2488.3
37°	2197.1	2380.4	2444.3
38°	2130.6	2329.4	2394.9
39°	2057.4	2267.2	2335.0
40°	1978.5	2190.9	2261.1
41°	1893.7	2106.9	2181.6
42°	1799.4	2017.1	2087.6
43°	1705.0	1920.5	1983.6
44°	1608.6	1817.6	1874.9

REPORT NUMBER: P1440301

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1508.0	1703.7	1752.1
46°	1406.6	1587.9	1626.6
47°	1304.4	1473.8	1503.8
48°	1203.6	1361.8	1386.9
49°	1099.0	1241.1	1263.7
50°	976.1	1116.8	1148.5
51°	846.7	977.4	1060.2
52°	733.6	877.0	957.7
53°	667.1	775.9	818.9
54°	602.7	693.5	745.6
55°	559.3	637.8	680.3
56°	516.2	580.7	601.1
57°	473.1	523.6	528.7
58°	429.9	466.5	456.4
59°	390.5	422.3	405.6
60°	353.3	373.0	357.7
61°	321.9	329.4	313.1
62°	290.7	296.4	275.0
63°	259.5	265.6	244.2
64°	232.1	236.9	213.8
65°	207.9	211.2	189.2
66°	182.8	188.3	169.1
67°	159.2	169.0	151.4
68°	139.9	150.7	135.7
69°	123.0	133.9	120.8
70°	108.9	117.9	107.2
71°	95.7	104.0	95.0
72°	84.2	91.6	83.6
73°	73.7	79.3	72.6
74°	63.8	68.1	63.1
75°	55.4	59.0	54.7
76°	47.0	49.9	46.4
77°	38.6	40.8	38.1
78°	32.0	33.1	30.9
79°	26.5	26.1	23.8
80°	21.2	20.2	18.0
81°	16.1	15.1	13.5
82°	12.1	11.0	10.0
83°	8.6	8.1	7.1
84°	6.2	5.7	4.6
85°	3.7	3.2	2.1
86°	1.2	0.8	0.7
87°	0.3	0.3	0.2
88°	0.1	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440301

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	0.0	0.0	0.0
91°	0.0	0.0	0.0
92°	0.0	0.0	0.0
93°	0.0	0.0	0.0
94°	0.0	0.0	0.0
95°	0.0	0.0	0.0
96°	0.0	0.0	0.0
97°	0.0	0.0	0.0
98°	0.0	0.0	0.0
99°	0.0	0.0	0.0
100°	0.0	0.0	0.0
101°	0.0	0.0	0.0
102°	0.0	0.0	0.0
103°	0.0	0.0	0.0
104°	0.0	0.0	0.0
105°	0.0	0.0	0.0
106°	0.0	0.0	0.0
107°	0.0	0.0	0.0
108°	0.0	0.0	0.0
109°	0.0	0.0	0.0
110°	0.0	0.0	0.0
111°	0.0	0.0	0.0
112°	0.0	0.0	0.0
113°	0.0	0.0	0.0
114°	0.0	0.0	0.0
115°	0.0	0.0	0.0
116°	0.0	0.0	0.0
117°	0.0	0.0	0.0
118°	0.0	0.0	0.0
119°	0.0	0.0	0.0
120°	0.0	0.0	0.0
121°	0.0	0.0	0.0
122°	0.0	0.0	0.0
123°	0.0	0.0	0.0
124°	0.0	0.0	0.0
125°	0.0	0.0	0.0
126°	0.0	0.0	0.0
127°	0.0	0.0	0.0
128°	0.0	0.0	0.0
129°	0.0	0.0	0.0
130°	0.0	0.0	0.0
131°	0.0	0.0	0.0
132°	0.0	0.0	0.0
133°	0.0	0.0	0.0
134°	0.0	0.0	0.0

REPORT NUMBER: P1440301

CATALOG NUMBER: XSF60-KNYK-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	0.0	0.0	0.0
136°	0.0	0.0	0.0
137°	0.0	0.0	0.0
138°	0.0	0.0	0.0
139°	0.0	0.0	0.0
140°	0.0	0.0	0.0
141°	0.0	0.0	0.0
142°	0.0	0.0	0.0
143°	0.0	0.0	0.0
144°	0.0	0.0	0.0
145°	0.0	0.0	0.0
146°	0.0	0.0	0.0
147°	0.0	0.0	0.0
148°	0.0	0.0	0.0
149°	0.0	0.0	0.0
150°	0.0	0.0	0.0
151°	0.0	0.0	0.0
152°	0.0	0.0	0.0
153°	0.0	0.0	0.0
154°	0.0	0.0	0.0
155°	0.0	0.0	0.0
156°	0.0	0.0	0.0
157°	0.0	0.0	0.0
158°	0.0	0.0	0.0
159°	0.0	0.0	0.0
160°	0.0	0.0	0.0
161°	0.0	0.0	0.0
162°	0.0	0.0	0.0
163°	0.0	0.0	0.0
164°	0.0	0.0	0.0
165°	0.0	0.0	0.0
166°	0.0	0.0	0.0
167°	0.0	0.0	0.0
168°	0.0	0.0	0.0
169°	0.0	0.0	0.0
170°	0.0	0.0	0.0
171°	0.0	0.0	0.0
172°	0.0	0.0	0.0
173°	0.0	0.0	0.0
174°	0.0	0.0	0.0
175°	0.0	0.0	0.0
176°	0.0	0.0	0.0
177°	0.0	0.0	0.0
178°	0.0	0.0	0.0
179°	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)