

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: P1440297

Luminaire Tested: XSF60-KNYK-6Hx6V-840-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440297
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-840-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT 80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5756.8 lumens
Efficiency: N/A
Efficacy: 159.9 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

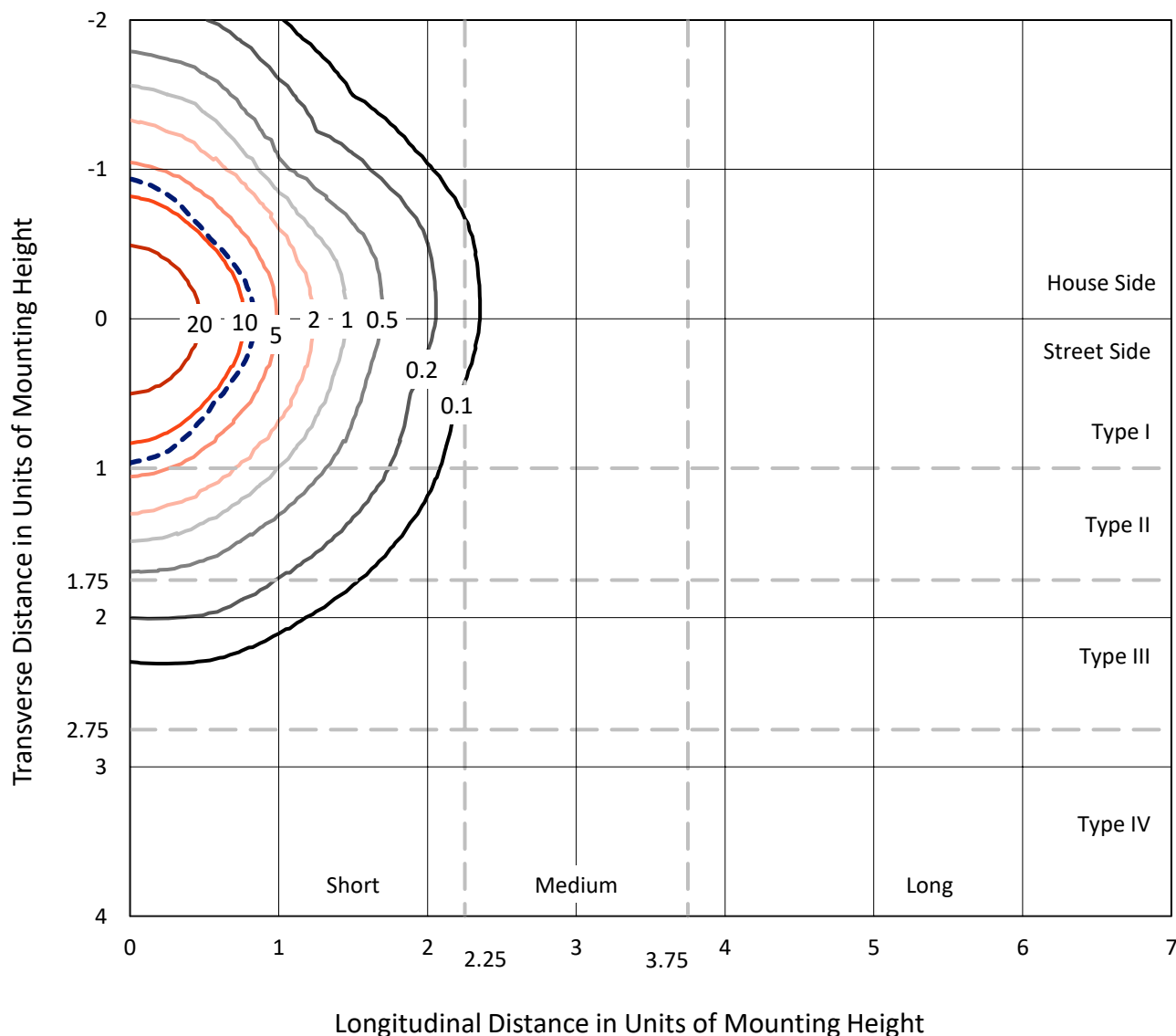
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



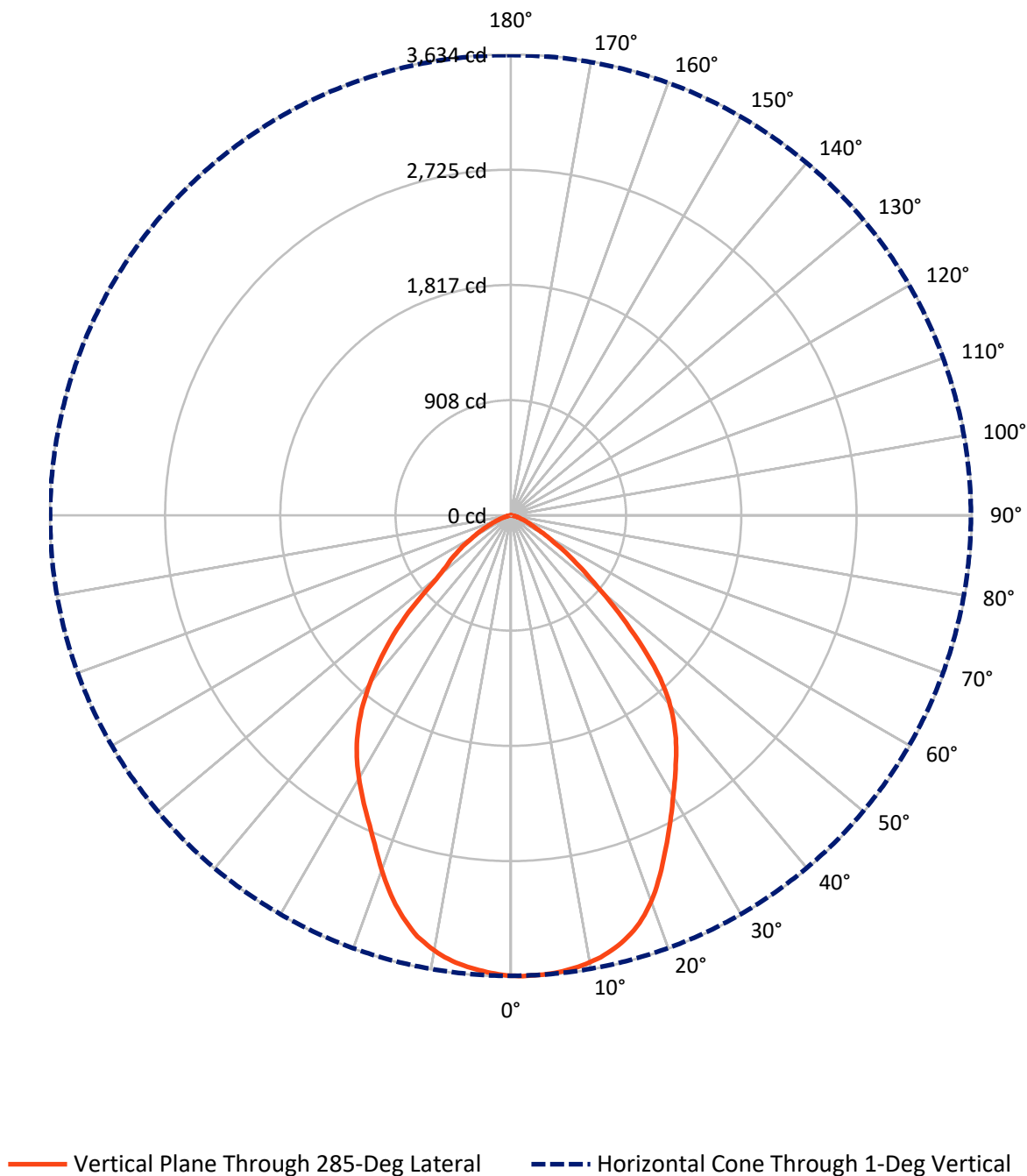
Based on 10 foot mounting height. Maximum calculated value = 36.3 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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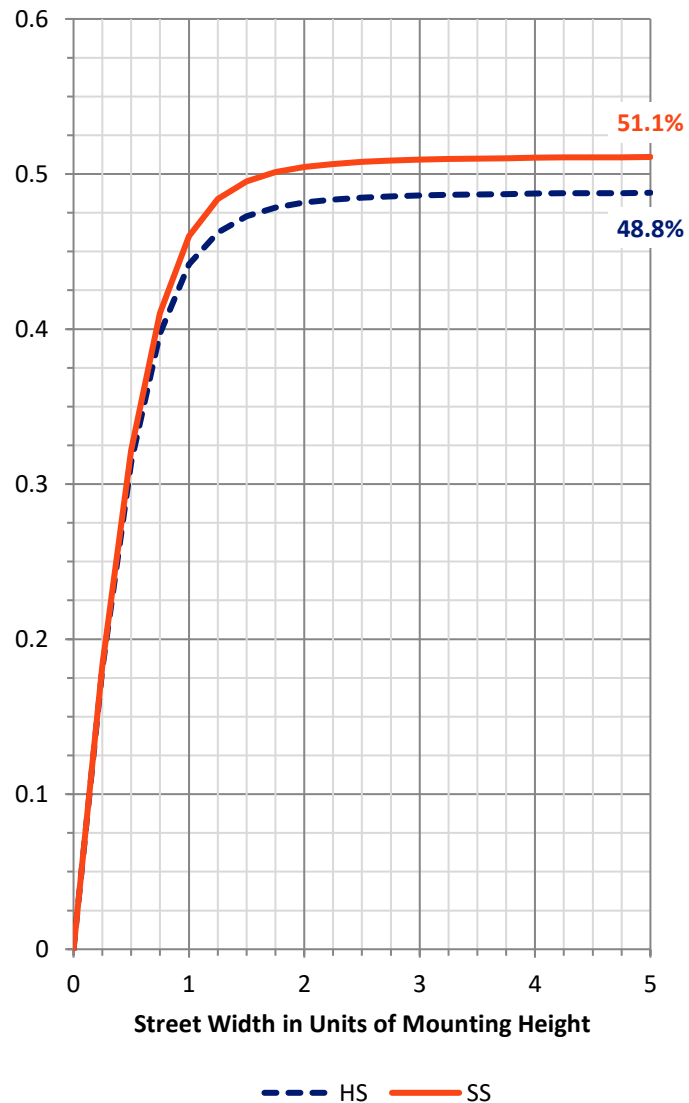
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2826.4	0.0	2826.4
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	2930.4	0.0	2930.4
	% Fixture	50.9	0.0	50.9
Total	Lumens	5756.8	0.0	5756.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	342.1	5.9
10°-20°	948.8	16.5
20°-30°	1282.5	22.3
30°-40°	1365.4	23.7
40°-50°	1063.6	18.5
50°-60°	489.6	8.5
60°-70°	196.4	3.4
70°-80°	61.0	1.1
80°-90°	7.3	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°	5756.8	100.0
0°-180°	5756.8	100.0

Coefficient of Utilization



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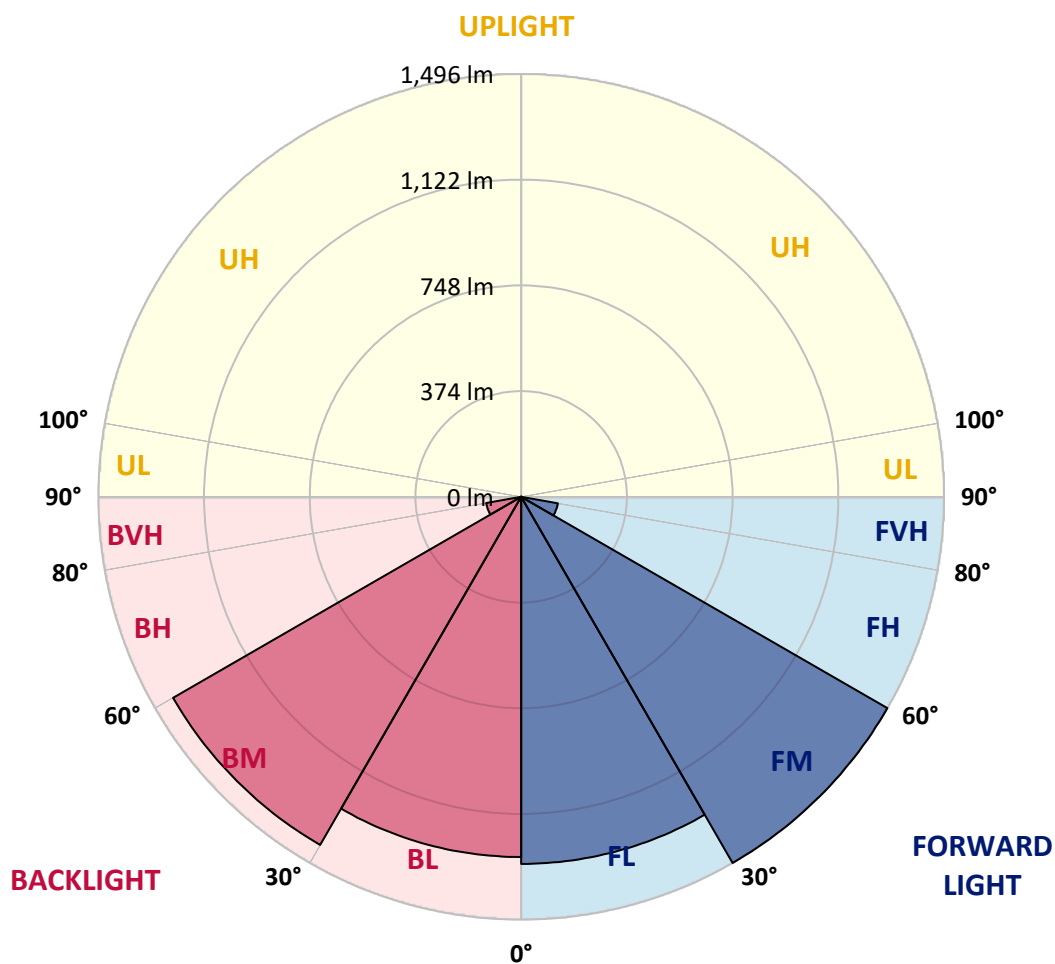
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1299.0	22.6			
FM	(30°-60°)	1496.2	26.0			
FH	(60°-80°)	131.8	2.3			G0/660
FVH	(80°-90°)	3.5	0.1			G0/10
BL	(0°-30°)	1274.5	22.1	B3/2500		
BM	(30°-60°)	1422.4	24.7	B2/2500		
BH	(60°-80°)	125.7	2.2	B1/500		G0/660
BVH	(80°-90°)	3.8	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°	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3
1°	3629.4	3629.2	3628.8	3628.4	3626.3	3626.5	3627.0	3626.4	3627.4	3627.1	3628.1
2°	3628.6	3626.9	3624.8	3624.5	3623.6	3621.2	3620.5	3618.5	3620.0	3622.0	3623.0
3°	3626.3	3623.8	3621.1	3618.4	3615.6	3613.6	3610.2	3611.0	3612.0	3614.3	3616.1
4°	3621.0	3617.3	3613.5	3610.3	3606.5	3603.0	3600.8	3599.0	3601.3	3603.8	3605.5
5°	3614.0	3608.6	3605.0	3598.7	3594.0	3590.7	3587.7	3587.0	3587.8	3590.0	3593.8
6°	3604.7	3598.8	3591.1	3585.8	3580.5	3576.9	3574.5	3574.4	3573.6	3575.4	3581.3
7°	3592.6	3586.6	3579.3	3571.6	3565.6	3561.4	3560.9	3559.8	3559.6	3561.4	3567.3
8°	3582.9	3574.3	3564.9	3557.1	3548.8	3543.9	3543.2	3542.3	3543.5	3546.3	3552.2
9°	3570.4	3559.6	3549.5	3540.8	3530.2	3524.7	3521.1	3521.0	3522.2	3526.1	3534.8
10°	3555.3	3543.7	3531.6	3520.4	3509.1	3501.6	3495.8	3496.3	3499.9	3503.9	3511.6
11°	3537.7	3523.4	3509.3	3496.4	3485.3	3475.7	3468.0	3467.2	3471.5	3478.7	3487.2
12°	3515.4	3500.2	3485.0	3469.4	3457.5	3445.1	3436.3	3433.7	3440.0	3448.3	3459.1
13°	3490.5	3474.4	3457.7	3439.8	3423.8	3410.4	3399.3	3399.3	3404.5	3414.3	3425.7
14°	3463.0	3444.2	3425.3	3406.3	3388.1	3371.1	3356.3	3355.4	3362.3	3375.1	3386.0
15°	3430.5	3409.6	3389.0	3368.8	3347.0	3325.8	3308.4	3306.1	3315.1	3331.0	3341.6
16°	3391.8	3368.3	3345.8	3326.0	3299.9	3276.6	3256.2	3254.3	3263.5	3279.7	3291.5
17°	3347.2	3324.2	3297.9	3277.2	3246.7	3221.3	3199.6	3198.6	3207.2	3223.0	3237.2
18°	3299.4	3273.7	3247.2	3221.2	3187.9	3163.2	3138.4	3137.8	3147.0	3162.0	3177.8
19°	3246.8	3218.6	3192.8	3162.0	3127.1	3100.7	3075.7	3074.2	3081.8	3097.4	3115.7
20°	3191.8	3163.4	3132.8	3096.1	3061.3	3034.4	3011.8	3007.8	3013.3	3027.4	3050.3
21°	3135.8	3104.4	3072.4	3028.3	2991.6	2967.4	2947.7	2940.6	2939.2	2954.6	2977.3
22°	3077.5	3041.3	3003.3	2955.4	2917.7	2899.7	2881.9	2871.3	2866.1	2880.6	2904.6
23°	3014.7	2974.2	2930.5	2878.9	2842.8	2833.1	2820.2	2805.4	2791.3	2800.3	2827.6
24°	2951.9	2909.7	2857.9	2802.4	2769.3	2769.8	2763.9	2743.5	2719.9	2721.1	2757.1
25°	2893.4	2850.1	2788.7	2727.6	2697.9	2710.4	2712.7	2684.0	2649.0	2643.2	2687.9
26°	2840.3	2793.7	2720.7	2653.2	2627.3	2653.7	2662.8	2629.0	2581.7	2571.4	2619.7
27°	2790.1	2739.7	2655.4	2579.8	2560.7	2599.0	2613.3	2575.9	2517.6	2498.5	2552.5
28°	2741.4	2685.8	2589.5	2508.9	2497.0	2545.6	2565.0	2524.1	2453.4	2428.5	2488.5
29°	2697.5	2633.7	2528.1	2440.7	2433.1	2493.2	2517.6	2471.8	2391.6	2359.5	2424.6
30°	2656.7	2584.2	2466.0	2372.7	2369.1	2441.3	2471.0	2420.3	2331.1	2292.2	2362.0
31°	2614.2	2534.6	2404.7	2306.8	2308.2	2389.2	2422.1	2367.6	2274.3	2229.5	2302.0
32°	2573.0	2487.4	2344.6	2244.1	2248.2	2337.9	2371.3	2314.2	2218.7	2166.9	2244.0
33°	2534.7	2442.8	2285.2	2181.1	2189.7	2282.4	2318.7	2259.0	2162.3	2106.2	2186.6
34°	2496.6	2399.3	2228.7	2118.8	2128.7	2226.7	2262.6	2200.6	2104.5	2044.9	2129.1
35°	2457.4	2355.9	2171.5	2054.2	2065.5	2166.1	2202.8	2137.6	2041.2	1982.2	2069.8
36°	2417.8	2310.6	2114.6	1986.6	2003.6	2102.6	2136.4	2072.2	1971.5	1915.2	2007.0
37°	2375.1	2260.7	2055.5	1920.4	1939.8	2037.5	2067.0	2003.8	1897.9	1840.1	1938.7
38°	2327.1	2202.0	1995.8	1857.1	1874.2	1966.0	1994.1	1931.1	1818.6	1759.6	1863.9
39°	2268.9	2135.9	1930.6	1789.1	1803.8	1890.4	1916.9	1852.0	1737.5	1677.2	1786.8
40°	2197.1	2064.2	1855.5	1715.4	1727.7	1805.8	1835.1	1768.9	1654.5	1594.4	1702.7
41°	2119.9	1985.4	1771.6	1636.0	1647.1	1716.2	1743.1	1685.0	1567.6	1509.8	1614.5
42°	2028.5	1897.5	1681.8	1551.8	1560.1	1617.2	1643.8	1592.0	1474.2	1421.7	1522.0
43°	1927.5	1801.9	1589.5	1463.2	1472.0	1513.2	1543.7	1501.7	1379.5	1329.0	1429.3
44°	1821.8	1696.4	1496.0	1373.3	1381.1	1411.3	1445.8	1408.9	1288.8	1247.6	1342.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1702.5	1588.4	1399.2	1283.0	1292.3	1315.8	1350.7	1322.0	1198.2	1166.1	1262.2
46°	1580.6	1480.1	1302.4	1196.1	1206.2	1221.6	1247.5	1216.9	1106.9	1084.5	1181.8
47°	1461.3	1375.3	1206.8	1111.0	1109.3	1114.8	1144.3	1111.4	987.8	999.4	1100.5
48°	1347.7	1272.5	1105.9	1011.9	1006.1	1015.1	1041.1	993.4	870.5	893.8	991.4
49°	1227.9	1159.2	986.9	903.0	904.4	918.7	943.3	874.6	765.5	787.8	870.4
50°	1116.0	1039.1	866.7	785.9	809.2	824.2	860.4	774.9	653.9	654.1	762.2
51°	1030.2	913.9	766.8	688.9	727.0	753.8	795.4	707.5	571.2	549.2	657.9
52°	930.6	798.1	688.4	618.6	655.0	690.7	737.0	657.1	512.9	466.3	587.4
53°	795.7	726.0	613.4	578.4	589.8	624.1	684.3	617.7	463.3	402.1	546.2
54°	724.5	671.2	564.4	538.4	544.1	568.2	623.3	587.7	422.7	340.4	501.0
55°	661.0	595.6	515.8	498.4	498.5	512.4	571.0	548.9	385.5	288.4	447.7
56°	584.1	539.7	467.2	453.1	452.8	456.5	525.5	510.5	351.0	245.9	391.9
57°	513.7	484.4	422.7	415.2	426.2	417.6	478.6	471.7	324.8	221.0	346.9
58°	443.5	429.1	384.1	379.6	387.7	371.6	433.1	444.4	298.7	203.9	307.0
59°	394.1	393.7	351.4	344.5	357.6	333.3	392.4	400.9	265.0	189.4	275.7
60°	347.5	370.2	321.7	312.4	326.1	285.7	359.7	357.7	240.5	176.1	248.6
61°	304.3	335.2	288.6	284.2	292.7	245.7	323.0	329.9	226.7	164.5	224.3
62°	267.3	295.1	259.0	257.7	261.8	224.9	290.6	303.8	207.7	154.1	203.2
63°	237.3	259.6	232.4	233.2	236.4	207.2	265.3	276.7	188.8	144.5	185.0
64°	207.8	234.1	210.6	212.4	214.9	186.5	238.4	246.0	171.5	135.1	168.8
65°	183.8	209.0	191.9	193.9	194.2	168.0	212.9	218.4	155.9	125.7	153.1
66°	164.3	186.3	173.4	176.4	175.2	152.1	188.3	192.7	142.0	116.5	139.4
67°	147.2	165.9	156.0	159.5	157.0	138.0	165.1	168.9	128.2	107.6	125.8
68°	131.9	146.6	139.7	142.3	139.5	124.8	146.4	150.4	114.3	99.3	112.1
69°	117.4	128.5	123.7	125.4	123.4	111.9	127.8	131.9	103.7	91.1	100.4
70°	104.2	112.2	108.2	110.3	109.2	100.1	109.2	113.6	94.2	83.5	90.1
71°	92.3	98.4	94.7	96.3	96.5	89.5	96.4	101.1	85.4	76.1	80.0
72°	81.2	86.2	82.5	84.8	85.0	80.0	85.0	89.3	76.8	68.8	70.8
73°	70.6	74.6	71.3	74.5	74.8	70.9	74.7	78.1	68.6	61.6	62.1
74°	61.3	64.4	61.4	65.3	65.3	62.5	64.9	68.1	60.7	54.6	54.3
75°	53.2	55.6	52.9	56.9	57.1	54.8	55.9	58.3	53.1	47.9	46.6
76°	45.1	46.8	44.5	48.4	48.7	47.1	47.5	49.4	45.9	41.7	39.1
77°	37.0	38.0	36.0	39.9	40.3	39.3	40.4	42.1	39.4	35.8	32.9
78°	30.0	30.2	29.6	32.9	34.0	33.3	34.2	35.4	33.3	29.8	27.4
79°	23.1	23.9	24.2	27.1	28.1	27.6	28.3	29.3	27.8	24.5	22.7
80°	17.5	18.4	19.1	22.0	22.5	22.4	22.6	24.0	22.7	20.2	18.6
81°	13.1	13.8	14.5	17.7	18.5	18.5	18.4	19.5	18.0	16.4	15.1
82°	9.7	10.8	11.4	13.5	14.4	14.8	14.9	15.6	14.4	12.6	11.6
83°	6.9	7.5	7.7	9.3	10.1	10.9	11.4	11.8	10.7	8.8	8.1
84°	4.5	5.2	5.4	5.7	6.7	7.5	7.9	7.9	7.1	6.0	5.5
85°	2.0	3.0	3.2	3.5	4.3	5.3	5.1	5.1	4.6	3.8	3.4
86°	0.6	0.7	0.9	1.4	1.9	3.2	2.8	2.8	2.5	2.0	1.9
87°	0.2	0.2	0.3	0.4	0.6	1.0	1.0	1.1	1.0	0.8	0.8
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: P1440297

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-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



REPORT NUMBER: P1440297
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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: P1440297

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3	3630.3
1°	3628.8	3629.2	3630.2	3630.8	3630.7	3631.7	3630.7	3632.1	3633.6	3631.5	3631.5
2°	3625.8	3625.9	3627.0	3628.3	3629.8	3630.4	3630.9	3632.2	3631.1	3631.1	3630.7
3°	3618.8	3620.2	3622.5	3625.9	3628.2	3627.9	3630.7	3632.5	3629.6	3630.1	3629.4
4°	3608.6	3611.4	3614.2	3619.1	3622.3	3624.2	3626.7	3627.7	3628.3	3626.9	3628.3
5°	3597.3	3602.1	3607.3	3611.0	3615.3	3618.7	3622.0	3625.7	3624.2	3624.4	3625.5
6°	3586.2	3590.9	3596.4	3600.8	3607.1	3610.5	3613.9	3616.0	3616.6	3619.0	3620.0
7°	3573.4	3580.3	3586.6	3590.6	3595.9	3599.4	3602.9	3606.1	3607.5	3608.8	3610.2
8°	3559.4	3566.8	3573.1	3578.5	3584.8	3588.0	3591.0	3595.1	3597.1	3599.1	3597.6
9°	3541.3	3549.8	3557.7	3563.4	3570.4	3574.2	3577.1	3581.6	3585.0	3585.6	3584.1
10°	3520.2	3529.1	3537.9	3545.2	3553.9	3557.8	3562.4	3567.8	3569.4	3571.7	3571.5
11°	3495.5	3503.6	3512.3	3523.2	3533.9	3540.6	3545.5	3551.3	3554.7	3555.3	3556.9
12°	3467.7	3474.7	3486.4	3497.5	3507.9	3519.1	3525.6	3529.1	3532.3	3536.2	3538.3
13°	3433.2	3443.0	3455.0	3469.5	3480.7	3493.3	3498.0	3503.5	3508.1	3513.1	3516.2
14°	3394.1	3406.4	3418.5	3435.8	3450.3	3460.0	3467.9	3474.4	3480.8	3488.1	3492.4
15°	3350.0	3362.9	3377.2	3397.6	3415.8	3426.3	3431.9	3440.5	3448.0	3457.8	3463.7
16°	3302.1	3314.6	3331.3	3353.3	3374.1	3384.1	3391.8	3401.3	3412.3	3424.4	3429.6
17°	3248.8	3262.8	3281.2	3304.9	3326.7	3335.7	3345.9	3356.1	3369.6	3384.3	3393.1
18°	3191.5	3208.7	3229.2	3252.6	3272.4	3282.9	3291.5	3304.4	3320.5	3341.0	3350.1
19°	3131.6	3151.4	3173.2	3196.3	3213.1	3223.1	3231.7	3246.7	3265.7	3289.1	3300.5
20°	3066.5	3087.2	3111.4	3135.4	3147.6	3156.8	3166.9	3183.6	3206.1	3231.7	3247.0
21°	2997.3	3019.3	3043.4	3069.2	3079.5	3085.2	3095.1	3117.2	3141.1	3167.9	3187.1
22°	2932.2	2959.4	2980.6	2998.0	3004.3	3006.8	3022.6	3045.8	3069.8	3099.0	3122.1
23°	2868.5	2905.0	2924.4	2929.6	2925.9	2925.2	2945.0	2973.8	2999.0	3025.1	3051.0
24°	2809.6	2854.5	2872.0	2864.6	2843.7	2840.7	2866.8	2902.2	2927.3	2948.0	2973.3
25°	2758.6	2810.0	2821.6	2798.8	2762.3	2757.6	2788.1	2828.5	2857.3	2869.9	2894.7
26°	2707.5	2766.9	2774.9	2734.2	2681.4	2677.8	2712.9	2761.4	2788.3	2793.1	2816.9
27°	2656.8	2726.7	2727.9	2671.3	2603.3	2599.0	2643.0	2695.3	2720.9	2717.6	2736.9
28°	2605.8	2687.2	2681.9	2608.8	2530.2	2524.3	2576.3	2636.0	2656.3	2643.2	2655.7
29°	2557.3	2647.4	2635.8	2546.6	2458.4	2451.2	2511.0	2576.7	2591.2	2571.6	2578.8
30°	2511.9	2607.5	2590.3	2483.1	2386.9	2380.9	2450.1	2518.1	2530.1	2500.7	2500.6
31°	2465.5	2567.5	2545.2	2420.7	2317.5	2313.1	2390.4	2462.8	2471.9	2430.9	2426.1
32°	2420.5	2527.8	2501.9	2359.0	2250.3	2248.8	2331.9	2408.0	2414.4	2361.4	2353.2
33°	2374.7	2488.7	2456.3	2298.9	2185.8	2188.8	2273.9	2355.6	2356.2	2292.4	2283.7
34°	2327.6	2451.3	2408.6	2240.5	2122.2	2129.5	2217.7	2302.4	2301.5	2224.6	2213.8
35°	2278.5	2413.6	2359.8	2180.4	2059.1	2069.2	2159.1	2247.3	2245.3	2156.4	2144.8
36°	2226.8	2371.1	2306.9	2116.5	1995.1	2008.6	2098.9	2191.8	2186.7	2089.2	2076.8
37°	2169.4	2319.8	2248.7	2052.8	1929.2	1945.0	2039.6	2135.1	2125.0	2022.5	2009.8
38°	2102.7	2258.8	2184.1	1983.6	1860.4	1877.5	1978.9	2075.2	2059.6	1953.4	1943.1
39°	2027.3	2189.6	2110.7	1908.0	1788.3	1805.1	1913.7	2012.0	1991.3	1882.0	1873.0
40°	1942.8	2110.2	2027.6	1826.1	1709.2	1727.7	1841.3	1940.3	1917.5	1808.8	1802.3
41°	1852.0	2022.7	1933.0	1738.8	1626.1	1646.6	1761.9	1857.9	1834.1	1729.9	1726.5
42°	1753.7	1925.9	1828.4	1642.4	1539.2	1561.4	1676.0	1767.5	1741.9	1647.0	1644.3
43°	1652.7	1821.6	1719.3	1539.6	1447.6	1473.6	1583.7	1667.9	1639.7	1559.8	1554.2
44°	1556.1	1720.4	1611.4	1435.3	1349.7	1380.3	1489.6	1564.5	1529.0	1465.7	1462.5

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CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1459.7	1619.9	1503.2	1332.6	1259.8	1284.6	1391.6	1460.6	1415.2	1367.7	1369.7
46°	1369.2	1524.2	1403.9	1238.9	1169.9	1189.0	1297.6	1359.1	1298.6	1266.8	1278.0
47°	1263.3	1411.4	1293.0	1145.2	1080.0	1093.3	1203.6	1267.1	1197.2	1168.9	1189.6
48°	1157.3	1318.0	1182.2	1050.6	983.6	989.2	1109.2	1165.3	1091.8	1077.9	1103.9
49°	1051.5	1224.6	1071.9	924.4	856.9	862.5	992.1	1062.5	983.8	980.4	999.9
50°	961.4	1131.3	983.8	816.1	723.5	749.6	869.3	953.4	884.0	877.5	882.1
51°	879.3	1040.6	922.2	727.3	603.3	653.6	761.7	854.4	803.1	773.7	762.7
52°	816.3	948.9	848.5	632.3	495.4	552.5	679.8	778.6	734.0	682.1	664.0
53°	781.4	899.6	812.1	588.2	436.3	488.5	629.3	725.3	669.0	610.0	596.7
54°	734.9	852.0	771.4	537.7	375.4	443.8	595.0	660.8	604.5	564.4	552.3
55°	685.8	790.1	703.9	481.1	315.5	404.2	568.9	602.1	548.8	518.9	508.5
56°	614.5	718.9	631.1	428.0	267.1	371.9	539.3	553.5	493.3	473.4	464.7
57°	547.4	642.5	566.0	377.5	236.5	347.1	499.4	504.9	437.8	442.1	425.5
58°	499.6	578.7	507.8	333.1	217.6	324.6	460.9	456.4	382.0	397.4	391.7
59°	448.0	527.4	455.0	299.3	201.2	291.6	436.7	418.7	354.3	359.5	360.0
60°	392.5	471.1	401.6	275.9	187.3	258.4	395.6	380.6	315.4	337.8	330.4
61°	348.1	413.4	353.8	245.2	174.7	233.9	350.7	339.0	270.1	306.8	301.9
62°	309.7	362.5	308.6	215.8	163.4	216.3	317.3	309.2	239.0	275.3	275.5
63°	273.3	316.5	272.7	192.3	153.0	198.0	291.9	283.6	212.4	244.5	251.3
64°	246.9	277.9	242.0	173.0	143.3	181.4	261.9	255.5	189.6	220.0	227.5
65°	221.1	243.0	216.0	156.1	133.5	165.0	233.7	228.7	172.0	199.9	205.6
66°	196.5	214.2	191.6	142.4	123.7	151.0	208.3	203.7	156.2	181.1	186.4
67°	174.2	187.1	170.8	128.7	114.6	136.9	184.4	180.6	142.6	163.2	168.3
68°	153.7	162.2	151.8	115.1	105.4	123.0	162.9	158.9	129.4	146.1	150.2
69°	133.3	140.8	132.9	103.5	97.2	111.9	145.6	139.3	117.0	129.9	132.3
70°	113.0	119.6	114.0	92.6	89.3	101.2	128.3	121.3	105.1	114.8	115.5
71°	97.0	103.7	99.0	82.3	81.6	91.2	111.0	106.1	93.8	100.6	100.8
72°	83.1	89.2	85.9	73.2	74.0	82.2	98.2	93.2	83.8	88.5	88.3
73°	71.1	75.7	74.0	64.6	66.3	73.8	86.7	81.5	74.6	77.9	77.6
74°	59.9	63.8	63.0	56.8	59.0	65.7	75.8	71.0	66.2	68.3	67.9
75°	50.2	53.5	52.8	49.1	51.8	57.8	65.4	61.4	57.6	59.3	58.9
76°	42.0	44.5	44.2	41.6	45.3	50.3	55.3	53.3	50.2	51.7	50.8
77°	35.0	37.1	37.0	35.0	38.9	43.0	46.6	45.3	42.7	44.1	42.8
78°	28.9	30.7	30.6	29.4	32.8	36.3	39.3	37.3	36.0	36.5	34.7
79°	23.5	25.0	25.0	24.6	27.3	30.6	33.0	31.4	30.6	30.7	29.0
80°	18.9	20.0	20.1	20.2	22.5	25.5	27.3	25.2	25.1	25.0	23.8
81°	15.4	16.4	16.4	16.5	18.3	20.5	22.2	20.1	20.0	20.0	19.1
82°	11.9	12.8	12.7	12.9	14.7	16.5	17.7	16.2	16.2	15.8	14.7
83°	8.4	9.2	9.0	9.3	11.1	12.5	13.9	12.6	12.2	11.7	10.4
84°	5.7	6.2	6.2	6.4	7.5	8.5	10.1	9.3	8.7	8.1	6.6
85°	3.6	3.9	3.9	4.1	4.9	5.8	6.3	6.2	5.7	5.8	4.3
86°	1.8	2.0	2.1	2.3	2.7	3.5	3.8	4.1	3.8	3.5	1.9
87°	0.8	0.8	0.9	1.0	1.2	1.8	2.0	1.9	1.9	1.2	0.6
88°	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.3	0.2
89°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1

REPORT NUMBER: P1440297

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-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: P1440297

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-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: P1440297
CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-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: P1440297

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	3630.3	3630.3	3630.3
1°	3630.9	3630.5	3629.4
2°	3630.3	3630.0	3628.6
3°	3630.2	3628.8	3626.3
4°	3627.8	3625.3	3621.0
5°	3622.3	3619.2	3614.0
6°	3615.5	3611.3	3604.7
7°	3605.0	3600.2	3592.6
8°	3593.6	3589.7	3582.9
9°	3583.2	3577.2	3570.4
10°	3569.4	3566.4	3555.3
11°	3554.0	3548.6	3537.7
12°	3535.4	3527.9	3515.4
13°	3513.6	3505.4	3490.5
14°	3487.7	3478.9	3463.0
15°	3459.7	3449.5	3430.5
16°	3425.8	3413.1	3391.8
17°	3387.4	3372.4	3347.2
18°	3345.4	3325.5	3299.4
19°	3297.9	3276.0	3246.8
20°	3244.2	3221.6	3191.8
21°	3186.8	3166.6	3135.8
22°	3124.7	3106.8	3077.5
23°	3056.3	3043.5	3014.7
24°	2984.8	2978.3	2951.9
25°	2914.1	2911.0	2893.4
26°	2841.3	2850.8	2840.3
27°	2770.8	2795.3	2790.1
28°	2700.2	2740.7	2741.4
29°	2634.7	2688.0	2697.5
30°	2566.5	2636.0	2656.7
31°	2500.4	2585.1	2614.2
32°	2438.7	2537.4	2573.0
33°	2376.9	2490.7	2534.7
34°	2315.9	2445.3	2496.6
35°	2252.2	2400.5	2457.4
36°	2192.8	2358.6	2417.8
37°	2134.9	2313.0	2375.1
38°	2070.3	2263.5	2327.1
39°	1999.2	2203.0	2268.9
40°	1922.5	2128.9	2197.1
41°	1840.1	2047.3	2119.9
42°	1748.5	1960.0	2028.5
43°	1656.8	1866.2	1927.5
44°	1563.1	1766.2	1821.8

REPORT NUMBER: P1440297

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1465.3	1655.5	1702.5
46°	1366.8	1543.0	1580.6
47°	1267.5	1432.1	1461.3
48°	1169.6	1323.3	1347.7
49°	1067.9	1205.9	1227.9
50°	948.4	1085.2	1116.0
51°	822.7	949.7	1030.2
52°	712.9	852.1	930.6
53°	648.2	753.9	795.7
54°	585.6	673.9	724.5
55°	543.5	619.7	661.0
56°	501.6	564.3	584.1
57°	459.7	508.8	513.7
58°	417.8	453.3	443.5
59°	379.5	410.3	394.1
60°	343.3	362.5	347.5
61°	312.8	320.1	304.3
62°	282.5	288.0	267.3
63°	252.2	258.0	237.3
64°	225.5	230.2	207.8
65°	202.0	205.2	183.8
66°	177.7	183.0	164.3
67°	154.7	164.2	147.2
68°	136.0	146.4	131.9
69°	119.5	130.1	117.4
70°	105.8	114.5	104.2
71°	93.0	101.0	92.3
72°	81.8	89.0	81.2
73°	71.6	77.0	70.6
74°	62.0	66.2	61.3
75°	53.8	57.3	53.2
76°	45.6	48.5	45.1
77°	37.5	39.7	37.0
78°	31.1	32.1	30.0
79°	25.8	25.3	23.1
80°	20.6	19.6	17.5
81°	15.7	14.7	13.1
82°	11.7	10.7	9.7
83°	8.4	7.9	6.9
84°	6.0	5.5	4.5
85°	3.6	3.2	2.0
86°	1.2	0.8	0.6
87°	0.3	0.3	0.2
88°	0.1	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440297

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-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: P1440297

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-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)