

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: P1440296

Luminaire Tested: XSF60-KNYK-6Hx6V-840-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440296
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-840-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT 80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7582.5 lumens
Efficiency: N/A
Efficacy: 161.3 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): 47
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

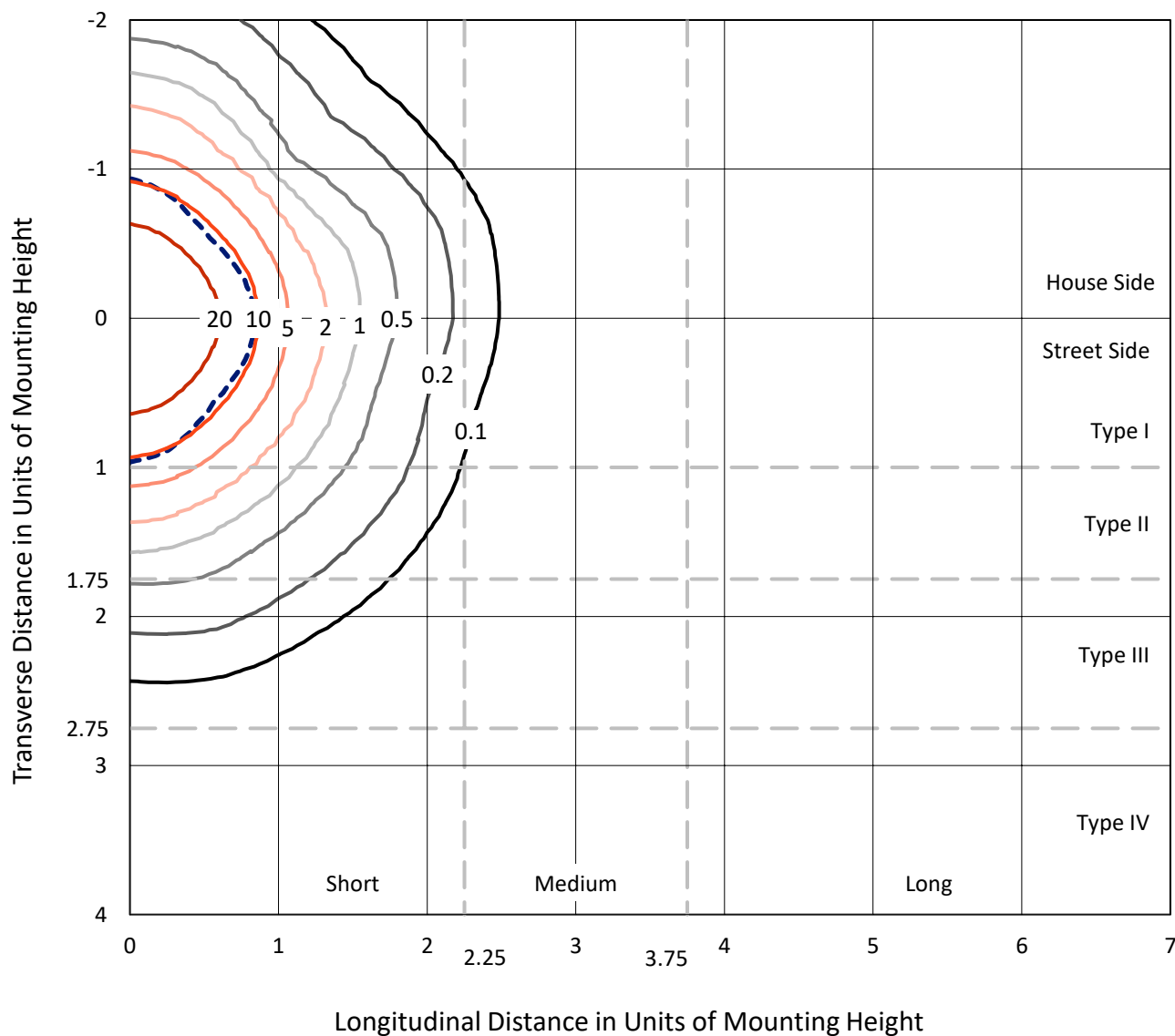
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

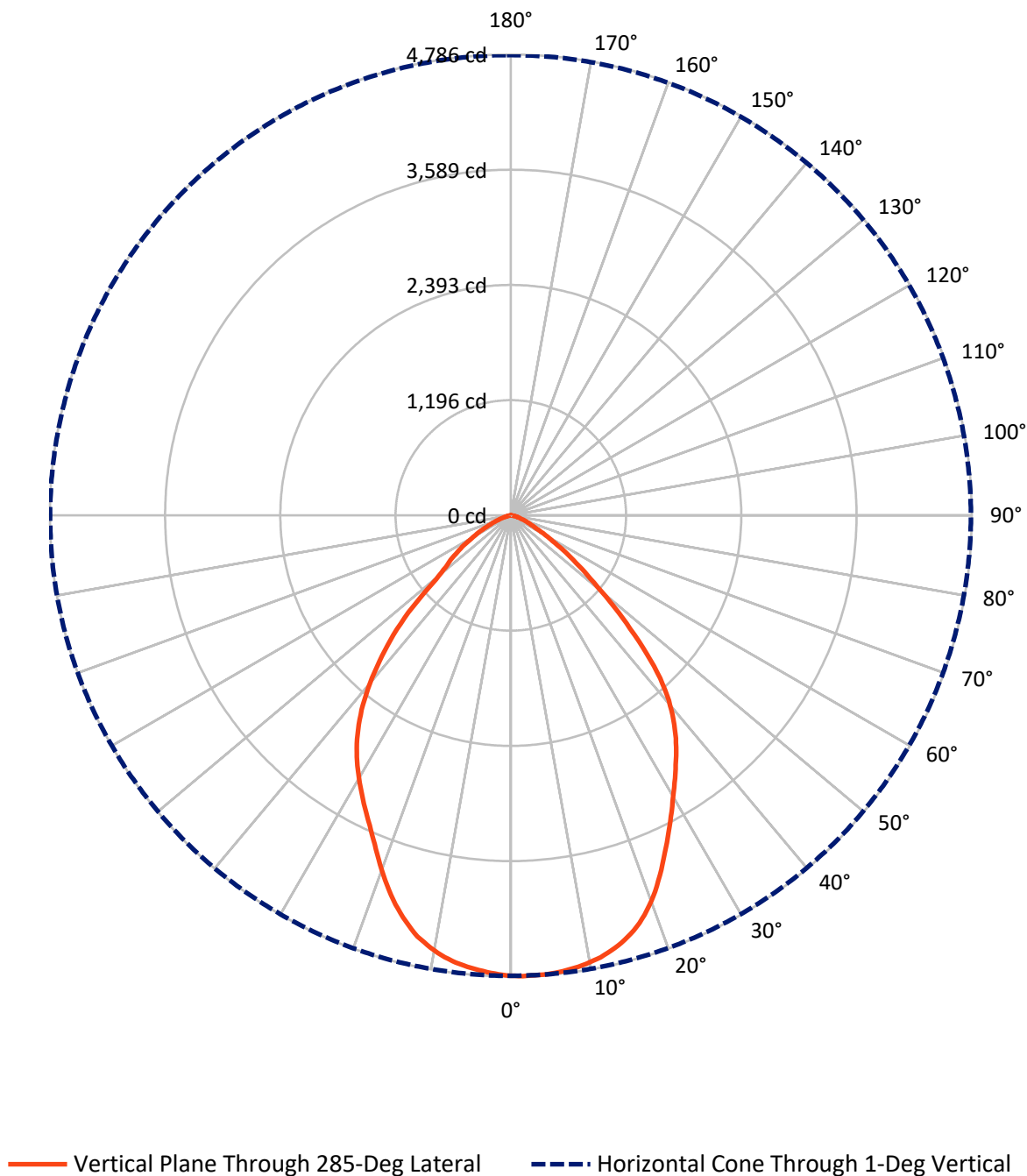


Based on 10 foot mounting height. Maximum calculated value = 47.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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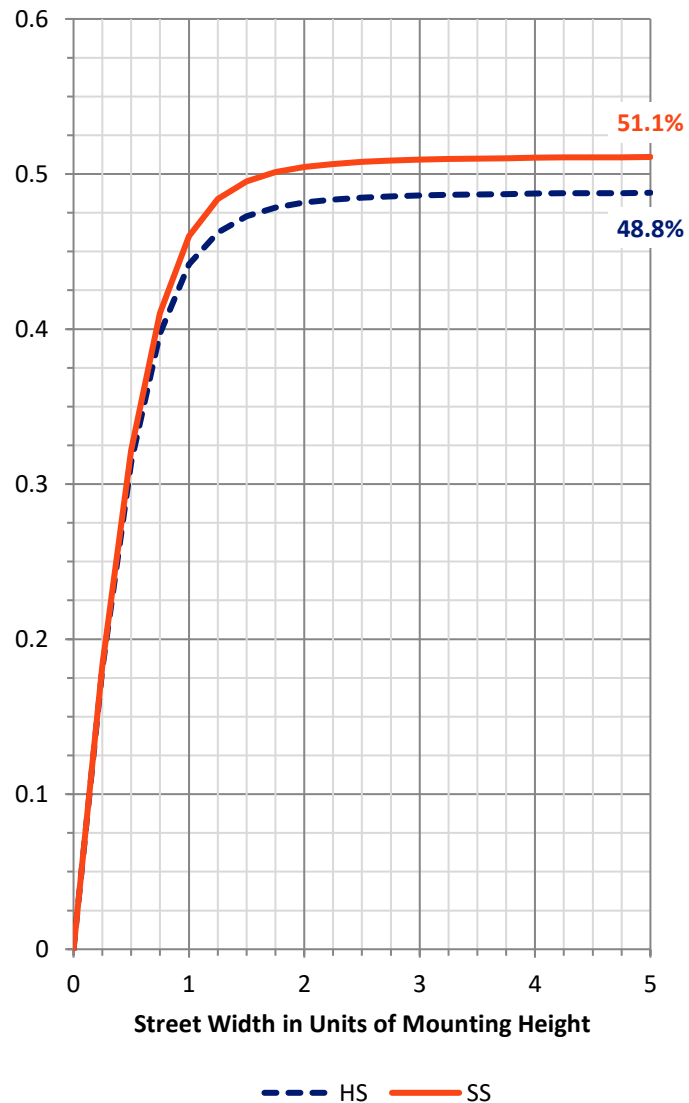
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3722.7	0.0	3722.7
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	3859.8	0.0	3859.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	7582.5	0.0	7582.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	450.6	5.9
10°-20°	1249.7	16.5
20°-30°	1689.3	22.3
30°-40°	1798.4	23.7
40°-50°	1401.0	18.5
50°-60°	644.9	8.5
60°-70°	258.7	3.4
70°-80°	80.4	1.1
80°-90°	9.6	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°	7582.5	100.0
0°-180°	7582.5	100.0

Coefficient of Utilization



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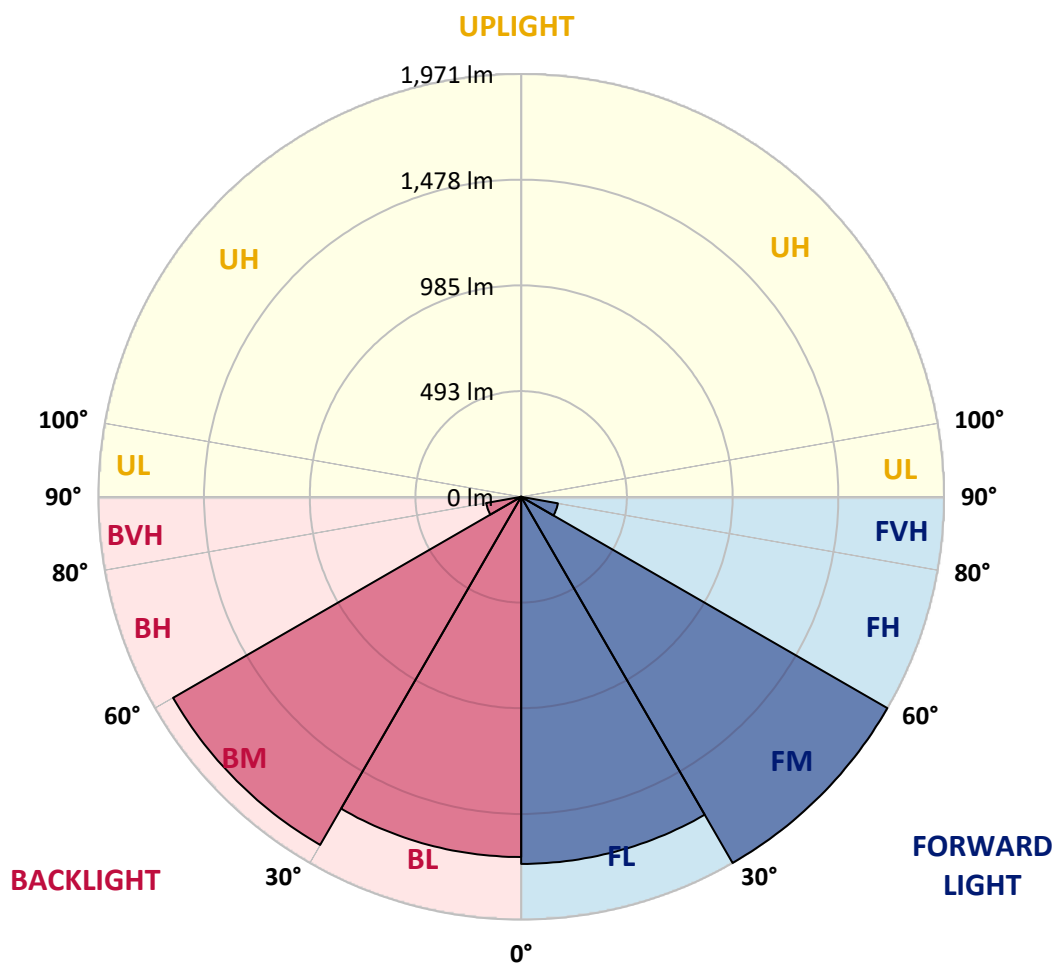
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1710.9	22.6			
FM	(30°-60°)	1970.7	26.0			
FH	(60°-80°)	173.5	2.3			G0/660
FVH	(80°-90°)	4.6	0.1			G0/10
BL	(0°-30°)	1678.7	22.1	B3/2500		
BM	(30°-60°)	1873.5	24.7	B2/2500		
BH	(60°-80°)	165.6	2.2	B1/500		G0/660
BVH	(80°-90°)	5.0	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°	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6
1°	4780.4	4780.2	4779.6	4779.1	4776.3	4776.6	4777.2	4776.5	4777.8	4777.4	4778.7
2°	4779.4	4777.1	4774.4	4773.9	4772.8	4769.6	4768.7	4766.0	4768.0	4770.6	4771.9
3°	4776.3	4773.0	4769.5	4765.9	4762.2	4759.7	4755.1	4756.1	4757.5	4760.6	4763.0
4°	4769.3	4764.5	4759.4	4755.2	4750.2	4745.6	4742.8	4740.3	4743.4	4746.7	4749.0
5°	4760.2	4753.0	4748.3	4740.0	4733.7	4729.5	4725.5	4724.5	4725.6	4728.5	4733.6
6°	4747.9	4740.1	4730.0	4723.0	4716.0	4711.3	4708.1	4708.0	4707.0	4709.3	4717.1
7°	4732.0	4724.1	4714.5	4704.3	4696.4	4690.8	4690.3	4688.7	4688.5	4690.9	4698.6
8°	4719.2	4707.9	4695.5	4685.2	4674.3	4667.8	4666.9	4665.6	4667.3	4671.0	4678.7
9°	4702.7	4688.4	4675.2	4663.7	4649.8	4642.6	4637.8	4637.6	4639.3	4644.4	4655.8
10°	4682.8	4667.5	4651.6	4636.8	4622.0	4612.1	4604.5	4605.1	4609.8	4615.2	4625.2
11°	4659.6	4640.9	4622.2	4605.2	4590.6	4578.0	4567.9	4566.7	4572.5	4582.0	4593.2
12°	4630.3	4610.2	4590.2	4569.6	4554.0	4537.7	4526.1	4522.6	4531.0	4542.0	4556.1
13°	4597.5	4576.3	4554.2	4530.8	4509.7	4492.0	4477.4	4477.3	4484.1	4497.1	4512.1
14°	4561.3	4536.4	4511.6	4486.5	4462.6	4440.2	4420.7	4419.5	4428.6	4445.4	4459.8
15°	4518.5	4490.9	4463.7	4437.2	4408.5	4380.6	4357.6	4354.5	4366.5	4387.4	4401.3
16°	4467.5	4436.5	4406.9	4380.8	4346.4	4315.7	4288.8	4286.4	4298.5	4319.8	4335.3
17°	4408.7	4378.5	4343.8	4316.6	4276.3	4242.9	4214.4	4213.0	4224.3	4245.1	4263.9
18°	4345.7	4312.0	4277.0	4242.8	4198.9	4166.4	4133.7	4132.9	4145.0	4164.8	4185.6
19°	4276.5	4239.4	4205.4	4164.8	4118.8	4084.0	4051.2	4049.2	4059.1	4079.7	4103.8
20°	4204.1	4166.6	4126.3	4078.0	4032.2	3996.7	3967.0	3961.6	3968.9	3987.5	4017.6
21°	4130.3	4088.9	4046.7	3988.7	3940.4	3908.5	3882.6	3873.1	3871.4	3891.7	3921.5
22°	4053.5	4005.8	3955.7	3892.6	3843.0	3819.3	3795.8	3781.9	3775.0	3794.2	3825.8
23°	3970.8	3917.4	3859.9	3791.9	3744.4	3731.6	3714.6	3695.1	3676.5	3688.3	3724.4
24°	3888.1	3832.4	3764.3	3691.1	3647.6	3648.2	3640.5	3613.6	3582.5	3584.0	3631.5
25°	3811.0	3754.0	3673.1	3592.6	3553.5	3569.9	3573.0	3535.2	3489.1	3481.5	3540.4
26°	3741.0	3679.7	3583.6	3494.6	3460.5	3495.2	3507.3	3462.7	3400.5	3386.9	3450.5
27°	3675.0	3608.6	3497.5	3398.0	3372.8	3423.3	3442.1	3392.8	3316.0	3290.8	3362.0
28°	3610.8	3537.6	3410.7	3304.6	3288.9	3352.9	3378.5	3324.5	3231.5	3198.6	3277.7
29°	3553.0	3469.0	3329.9	3214.8	3204.8	3283.8	3316.0	3255.8	3150.0	3107.8	3193.5
30°	3499.3	3403.7	3248.0	3125.2	3120.4	3215.5	3254.7	3187.8	3070.3	3019.2	3111.1
31°	3443.3	3338.4	3167.3	3038.4	3040.3	3146.9	3190.3	3118.4	2995.6	2936.5	3032.1
32°	3389.0	3276.3	3088.2	2955.8	2961.1	3079.3	3123.4	3048.1	2922.3	2854.1	2955.6
33°	3338.6	3217.5	3010.0	2872.8	2884.1	3006.3	3054.0	2975.4	2848.0	2774.1	2880.1
34°	3288.4	3160.2	2935.5	2790.8	2803.8	2932.9	2980.2	2898.5	2771.9	2693.4	2804.3
35°	3236.7	3103.1	2860.2	2705.7	2720.6	2853.1	2901.4	2815.5	2688.6	2610.8	2726.3
36°	3184.6	3043.4	2785.2	2616.7	2639.1	2769.4	2814.0	2729.3	2596.7	2522.5	2643.4
37°	3128.4	2977.7	2707.3	2529.4	2555.0	2683.7	2722.5	2639.3	2499.7	2423.7	2553.6
38°	3065.1	2900.4	2628.7	2446.0	2468.5	2589.5	2626.6	2543.5	2395.3	2317.6	2455.0
39°	2988.5	2813.2	2542.8	2356.5	2375.8	2489.9	2524.8	2439.3	2288.5	2209.1	2353.5
40°	2893.9	2718.9	2443.9	2259.4	2275.7	2378.4	2417.1	2329.9	2179.2	2100.0	2242.6
41°	2792.2	2615.1	2333.4	2154.8	2169.5	2260.4	2295.9	2219.4	2064.7	1988.6	2126.5
42°	2671.8	2499.3	2215.2	2043.9	2054.8	2130.1	2165.2	2096.9	1941.8	1872.6	2004.7
43°	2538.8	2373.4	2093.6	1927.3	1938.8	1993.1	2033.3	1977.9	1817.0	1750.5	1882.5
44°	2399.6	2234.4	1970.5	1808.8	1819.1	1858.8	1904.3	1855.8	1697.6	1643.2	1768.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2242.4	2092.1	1842.9	1689.9	1702.1	1733.1	1779.0	1741.3	1578.2	1535.9	1662.5
46°	2081.8	1949.5	1715.5	1575.4	1588.7	1609.1	1643.1	1602.8	1458.0	1428.5	1556.5
47°	1924.7	1811.5	1589.5	1463.3	1461.1	1468.3	1507.2	1463.9	1301.1	1316.3	1449.5
48°	1775.1	1676.0	1456.6	1332.9	1325.1	1337.0	1371.3	1308.5	1146.5	1177.2	1305.8
49°	1617.3	1526.8	1299.9	1189.3	1191.2	1210.1	1242.5	1152.0	1008.3	1037.7	1146.4
50°	1469.9	1368.7	1141.6	1035.1	1065.8	1085.6	1133.3	1020.7	861.3	861.5	1003.9
51°	1356.9	1203.7	1010.0	907.4	957.5	992.9	1047.6	931.8	752.4	723.4	866.5
52°	1225.7	1051.2	906.7	814.8	862.8	909.8	970.7	865.5	675.5	614.2	773.7
53°	1048.0	956.2	807.9	761.8	776.8	822.0	901.4	813.6	610.2	529.6	719.4
54°	954.2	884.0	743.4	709.2	716.7	748.4	821.0	774.1	556.7	448.3	659.9
55°	870.7	784.5	679.4	656.5	656.5	674.8	752.1	723.0	507.8	379.9	589.6
56°	769.3	710.8	615.4	596.7	596.4	601.3	692.2	672.4	462.3	323.9	516.2
57°	676.6	638.0	556.8	546.9	561.4	550.0	630.4	621.3	427.8	291.1	457.0
58°	584.1	565.1	506.0	500.0	510.6	489.5	570.5	585.4	393.4	268.5	404.4
59°	519.1	518.5	462.9	453.8	471.0	439.0	516.9	528.1	349.0	249.5	363.1
60°	457.8	487.6	423.8	411.4	429.5	376.3	473.8	471.1	316.7	231.9	327.5
61°	400.8	441.5	380.1	374.3	385.5	323.7	425.4	434.6	298.5	216.7	295.5
62°	352.0	388.6	341.1	339.5	344.8	296.3	382.7	400.1	273.6	203.0	267.7
63°	312.5	342.0	306.1	307.2	311.4	272.9	349.4	364.5	248.7	190.3	243.7
64°	273.7	308.4	277.4	279.7	283.1	245.7	314.0	324.0	225.9	177.9	222.3
65°	242.1	275.3	252.8	255.4	255.7	221.2	280.5	287.7	205.3	165.6	201.6
66°	216.4	245.4	228.3	232.4	230.8	200.3	248.0	253.8	187.1	153.5	183.6
67°	193.8	218.5	205.5	210.1	206.9	181.7	217.5	222.4	168.8	141.8	165.6
68°	173.7	193.1	184.0	187.4	183.8	164.4	192.9	198.1	150.6	130.8	147.6
69°	154.6	169.3	163.0	165.2	162.5	147.4	168.3	173.7	136.6	120.1	132.2
70°	137.2	147.8	142.6	145.2	143.8	131.8	143.9	149.6	124.1	110.0	118.7
71°	121.6	129.6	124.7	126.8	127.1	117.9	127.0	133.1	112.5	100.3	105.4
72°	107.0	113.5	108.6	111.8	112.0	105.3	112.0	117.6	101.2	90.6	93.2
73°	93.0	98.3	93.9	98.1	98.6	93.4	98.3	102.9	90.3	81.1	81.8
74°	80.8	84.8	80.8	86.0	86.0	82.3	85.4	89.7	80.0	72.0	71.5
75°	70.1	73.2	69.7	75.0	75.3	72.2	73.6	76.8	70.0	63.1	61.3
76°	59.4	61.6	58.6	63.8	64.2	62.0	62.6	65.1	60.4	55.0	51.5
77°	48.8	50.0	47.4	52.5	53.1	51.8	53.2	55.4	51.9	47.1	43.3
78°	39.5	39.8	39.0	43.3	44.8	43.9	45.1	46.6	43.8	39.2	36.0
79°	30.4	31.4	31.8	35.7	37.1	36.4	37.3	38.6	36.6	32.3	29.9
80°	23.1	24.2	25.1	29.0	29.6	29.6	29.8	31.6	29.9	26.6	24.5
81°	17.3	18.2	19.0	23.3	24.3	24.3	24.3	25.6	23.7	21.6	19.9
82°	12.8	14.3	15.0	17.8	18.9	19.5	19.6	20.6	18.9	16.6	15.3
83°	9.1	9.9	10.2	12.3	13.3	14.3	15.0	15.5	14.1	11.6	10.7
84°	5.9	6.9	7.1	7.5	8.9	9.8	10.4	10.4	9.3	7.9	7.2
85°	2.7	3.9	4.2	4.6	5.7	7.0	6.7	6.7	6.0	5.0	4.5
86°	0.8	0.9	1.2	1.8	2.5	4.2	3.7	3.7	3.2	2.7	2.5
87°	0.3	0.3	0.4	0.5	0.8	1.3	1.3	1.5	1.4	1.1	1.1
88°	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.5
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2

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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: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

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: P1440296
CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

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: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6	4781.6
1°	4779.6	4780.1	4781.5	4782.3	4782.1	4783.5	4782.1	4784.0	4785.9	4783.1	4783.1
2°	4775.7	4775.8	4777.3	4778.9	4781.0	4781.7	4782.4	4784.1	4782.7	4782.7	4782.2
3°	4766.4	4768.3	4771.4	4775.8	4778.8	4778.5	4782.1	4784.5	4780.7	4781.3	4780.4
4°	4753.0	4756.7	4760.4	4766.8	4771.0	4773.6	4776.9	4778.1	4779.0	4777.1	4779.0
5°	4738.1	4744.5	4751.4	4756.2	4761.9	4766.3	4770.7	4775.5	4773.6	4773.8	4775.2
6°	4723.5	4729.7	4736.9	4742.8	4751.0	4755.6	4760.0	4762.7	4763.5	4766.7	4768.0
7°	4706.7	4715.7	4724.0	4729.3	4736.3	4740.9	4745.5	4749.7	4751.5	4753.3	4755.1
8°	4688.3	4698.0	4706.3	4713.4	4721.6	4725.8	4729.8	4735.2	4737.9	4740.5	4738.6
9°	4664.3	4675.6	4686.0	4693.6	4702.7	4707.7	4711.5	4717.4	4721.9	4722.7	4720.7
10°	4636.6	4648.3	4659.9	4669.5	4681.0	4686.1	4692.2	4699.2	4701.4	4704.4	4704.2
11°	4604.1	4614.7	4626.2	4640.5	4654.7	4663.5	4669.9	4677.5	4682.0	4682.8	4684.9
12°	4567.5	4576.6	4592.1	4606.7	4620.3	4635.2	4643.6	4648.3	4652.5	4657.7	4660.4
13°	4522.0	4535.0	4550.7	4569.8	4584.5	4601.2	4607.3	4614.6	4620.6	4627.3	4631.3
14°	4470.6	4486.7	4502.7	4525.5	4544.5	4557.3	4567.7	4576.2	4584.7	4594.3	4599.9
15°	4412.4	4429.4	4448.2	4475.2	4499.0	4512.9	4520.3	4531.7	4541.5	4554.5	4562.2
16°	4349.3	4365.8	4387.8	4416.7	4444.1	4457.4	4467.5	4479.9	4494.5	4510.4	4517.2
17°	4279.1	4297.5	4321.8	4353.0	4381.7	4393.6	4407.0	4420.4	4438.3	4457.6	4469.2
18°	4203.7	4226.3	4253.2	4284.1	4310.2	4324.0	4335.4	4352.3	4373.6	4400.6	4412.5
19°	4124.8	4150.9	4179.5	4210.0	4232.1	4245.3	4256.6	4276.4	4301.4	4332.2	4347.2
20°	4039.1	4066.2	4098.2	4129.7	4145.9	4157.9	4171.2	4193.2	4222.9	4256.5	4276.8
21°	3947.9	3976.8	4008.6	4042.6	4056.2	4063.6	4076.7	4105.8	4137.3	4172.5	4197.8
22°	3862.1	3898.0	3925.8	3948.8	3957.0	3960.3	3981.2	4011.8	4043.3	4081.9	4112.2
23°	3778.3	3826.3	3851.8	3858.6	3853.9	3853.0	3879.0	3916.9	3950.0	3984.5	4018.6
24°	3700.6	3759.8	3782.8	3773.1	3745.6	3741.6	3776.0	3822.6	3855.7	3882.9	3916.3
25°	3633.4	3701.2	3716.5	3686.4	3638.4	3632.2	3672.3	3725.5	3763.5	3780.0	3812.8
26°	3566.1	3644.4	3655.0	3601.3	3531.8	3527.0	3573.3	3637.2	3672.5	3678.9	3710.2
27°	3499.4	3591.5	3593.0	3518.5	3428.9	3423.3	3481.2	3550.1	3583.8	3579.5	3604.9
28°	3432.2	3539.5	3532.5	3436.1	3332.6	3324.9	3393.4	3472.0	3498.7	3481.5	3498.0
29°	3368.3	3487.0	3471.7	3354.3	3238.1	3228.5	3307.4	3393.9	3413.0	3387.1	3396.6
30°	3308.5	3434.5	3411.8	3270.6	3143.9	3136.0	3227.1	3316.7	3332.5	3293.7	3293.6
31°	3247.5	3381.8	3352.4	3188.4	3052.5	3046.7	3148.6	3243.9	3255.8	3201.8	3195.6
32°	3188.1	3329.5	3295.3	3107.1	2964.0	2962.0	3071.5	3171.6	3180.1	3110.3	3099.5
33°	3127.8	3278.0	3235.3	3028.0	2878.9	2882.9	2995.1	3102.7	3103.4	3019.3	3007.9
34°	3065.8	3228.8	3172.4	2951.0	2795.2	2804.8	2921.0	3032.6	3031.4	2930.1	2915.9
35°	3001.1	3179.1	3108.1	2871.9	2712.1	2725.5	2843.8	2960.1	2957.4	2840.2	2825.0
36°	2933.0	3123.0	3038.5	2787.8	2627.8	2645.7	2764.5	2886.9	2880.2	2751.7	2735.5
37°	2857.4	3055.5	2961.8	2703.9	2541.1	2561.8	2686.5	2812.2	2798.9	2663.9	2647.2
38°	2769.5	2975.1	2876.7	2612.6	2450.4	2473.0	2606.5	2733.4	2712.8	2572.9	2559.3
39°	2670.3	2884.1	2780.0	2513.2	2355.4	2377.6	2520.7	2650.1	2622.8	2478.9	2467.0
40°	2558.9	2779.4	2670.6	2405.3	2251.2	2275.7	2425.2	2555.7	2525.7	2382.5	2373.9
41°	2439.4	2664.2	2546.0	2290.2	2141.9	2168.8	2320.7	2447.1	2415.7	2278.6	2274.0
42°	2309.8	2536.6	2408.2	2163.3	2027.3	2056.6	2207.6	2328.0	2294.4	2169.3	2165.8
43°	2176.8	2399.4	2264.6	2027.9	1906.7	1940.9	2085.9	2196.9	2159.7	2054.5	2047.1
44°	2049.6	2266.0	2122.5	1890.4	1777.8	1818.0	1962.0	2060.7	2014.0	1930.5	1926.3

REPORT NUMBER: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1922.6	2133.6	1979.9	1755.2	1659.4	1692.0	1832.9	1923.8	1864.0	1801.5	1804.1
46°	1803.4	2007.6	1849.1	1631.8	1540.9	1566.1	1709.1	1790.1	1710.4	1668.5	1683.3
47°	1663.9	1859.0	1703.1	1508.4	1422.5	1440.1	1585.3	1668.9	1576.9	1539.6	1566.9
48°	1524.3	1736.0	1557.1	1383.8	1295.6	1302.9	1461.0	1534.9	1438.1	1419.8	1453.9
49°	1384.9	1613.0	1411.8	1217.5	1128.7	1136.0	1306.8	1399.5	1295.7	1291.3	1317.0
50°	1266.3	1490.1	1295.8	1075.0	952.9	987.3	1145.0	1255.8	1164.3	1155.8	1161.8
51°	1158.2	1370.6	1214.6	957.9	794.6	860.9	1003.3	1125.4	1057.8	1019.0	1004.6
52°	1075.2	1249.8	1117.5	832.9	652.5	727.8	895.4	1025.5	966.8	898.4	874.6
53°	1029.2	1184.9	1069.6	774.7	574.6	643.5	828.9	955.3	881.2	803.5	785.9
54°	967.9	1122.2	1016.1	708.2	494.4	584.5	783.7	870.3	796.2	743.5	727.5
55°	903.4	1040.6	927.1	633.6	415.6	532.4	749.3	793.1	722.8	683.5	669.8
56°	809.4	946.9	831.3	563.7	351.9	489.8	710.3	729.0	649.7	623.5	612.1
57°	721.0	846.3	745.4	497.3	311.4	457.2	657.8	665.0	576.6	582.4	560.4
58°	658.0	762.2	668.8	438.7	286.6	427.6	607.1	601.1	503.1	523.4	515.9
59°	590.0	694.7	599.3	394.3	265.1	384.1	575.2	551.5	466.7	473.5	474.1
60°	516.9	620.5	529.0	363.4	246.7	340.4	521.1	501.3	415.5	444.9	435.2
61°	458.5	544.5	466.0	322.9	230.1	308.1	461.9	446.5	355.7	404.1	397.6
62°	407.9	477.4	406.5	284.3	215.2	284.9	418.0	407.2	314.8	362.7	362.9
63°	359.9	416.9	359.2	253.3	201.5	260.7	384.4	373.6	279.7	322.1	331.0
64°	325.3	366.0	318.8	227.9	188.7	238.9	345.0	336.6	249.7	289.7	299.6
65°	291.3	320.1	284.5	205.5	175.8	217.3	307.8	301.3	226.5	263.3	270.9
66°	258.8	282.2	252.4	187.5	163.0	198.8	274.3	268.3	205.8	238.6	245.5
67°	229.4	246.4	225.0	169.5	150.9	180.4	242.8	237.9	187.8	215.0	221.7
68°	202.5	213.6	200.0	151.6	138.8	162.0	214.5	209.3	170.5	192.5	197.9
69°	175.6	185.4	175.0	136.3	128.0	147.3	191.8	183.4	154.0	171.1	174.2
70°	148.8	157.5	150.1	122.0	117.6	133.3	169.0	159.8	138.5	151.2	152.1
71°	127.8	136.6	130.4	108.4	107.5	120.1	146.3	139.8	123.5	132.5	132.8
72°	109.4	117.4	113.1	96.4	97.4	108.2	129.3	122.8	110.4	116.6	116.3
73°	93.6	99.7	97.5	85.1	87.3	97.2	114.2	107.3	98.3	102.5	102.2
74°	78.8	84.0	83.0	74.8	77.7	86.5	99.8	93.5	87.1	90.0	89.4
75°	66.1	70.4	69.6	64.7	68.3	76.1	86.1	80.9	75.9	78.2	77.6
76°	55.3	58.7	58.3	54.8	59.6	66.2	72.8	70.2	66.1	68.1	66.9
77°	46.1	48.9	48.7	46.1	51.3	56.6	61.4	59.6	56.2	58.1	56.4
78°	38.0	40.5	40.3	38.8	43.1	47.8	51.8	49.1	47.4	48.0	45.8
79°	31.0	32.9	32.9	32.4	35.9	40.4	43.5	41.4	40.3	40.4	38.1
80°	24.9	26.3	26.5	26.6	29.7	33.6	35.9	33.2	33.1	33.0	31.3
81°	20.3	21.6	21.6	21.8	24.1	27.0	29.2	26.5	26.4	26.4	25.2
82°	15.7	16.8	16.7	17.0	19.3	21.7	23.3	21.4	21.3	20.8	19.3
83°	11.1	12.1	11.8	12.2	14.6	16.5	18.3	16.7	16.0	15.4	13.7
84°	7.5	8.2	8.2	8.5	9.9	11.2	13.3	12.2	11.5	10.7	8.7
85°	4.7	5.1	5.2	5.4	6.4	7.6	8.3	8.2	7.5	7.6	5.6
86°	2.4	2.7	2.8	3.0	3.5	4.6	5.0	5.3	5.0	4.6	2.5
87°	1.1	1.1	1.2	1.3	1.6	2.3	2.7	2.5	2.5	1.5	0.8
88°	0.5	0.5	0.6	0.6	0.6	0.8	0.8	0.7	0.7	0.4	0.2
89°	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1

REPORT NUMBER: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

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: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

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: P1440296
CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

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: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	4781.6	4781.6	4781.6
1°	4782.4	4781.8	4780.4
2°	4781.6	4781.3	4779.4
3°	4781.5	4779.6	4776.3
4°	4778.3	4775.0	4769.3
5°	4771.0	4767.0	4760.2
6°	4762.1	4756.5	4747.9
7°	4748.2	4742.0	4732.0
8°	4733.2	4728.1	4719.2
9°	4719.6	4711.7	4702.7
10°	4701.4	4697.4	4682.8
11°	4681.1	4674.0	4659.6
12°	4656.7	4646.8	4630.3
13°	4627.9	4617.1	4597.5
14°	4593.7	4582.2	4561.3
15°	4556.9	4543.4	4518.5
16°	4512.2	4495.6	4467.5
17°	4461.7	4441.9	4408.7
18°	4406.4	4380.1	4345.7
19°	4343.7	4314.9	4276.5
20°	4273.1	4243.4	4204.1
21°	4197.5	4170.9	4130.3
22°	4115.6	4092.1	4053.5
23°	4025.6	4008.7	3970.8
24°	3931.4	3922.8	3888.1
25°	3838.3	3834.2	3811.0
26°	3742.4	3754.9	3741.0
27°	3649.5	3681.8	3675.0
28°	3556.6	3609.9	3610.8
29°	3470.3	3540.4	3553.0
30°	3380.4	3472.0	3499.3
31°	3293.3	3405.0	3443.3
32°	3212.0	3342.1	3389.0
33°	3130.8	3280.6	3338.6
34°	3050.3	3220.8	3288.4
35°	2966.4	3161.8	3236.7
36°	2888.3	3106.6	3184.6
37°	2812.0	3046.6	3128.4
38°	2726.9	2981.3	3065.1
39°	2633.2	2901.7	2988.5
40°	2532.2	2804.0	2893.9
41°	2423.6	2696.5	2792.2
42°	2303.0	2581.6	2671.8
43°	2182.2	2458.0	2538.8
44°	2058.8	2326.3	2399.6

REPORT NUMBER: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1930.0	2180.6	2242.4
46°	1800.3	2032.3	2081.8
47°	1669.4	1886.2	1924.7
48°	1540.5	1743.0	1775.1
49°	1406.6	1588.4	1617.3
50°	1249.2	1429.3	1469.9
51°	1083.6	1250.9	1356.9
52°	938.9	1122.4	1225.7
53°	853.8	993.0	1048.0
54°	771.3	887.6	954.2
55°	715.8	816.2	870.7
56°	660.6	743.2	769.3
57°	605.4	670.1	676.6
58°	550.3	597.1	584.1
59°	499.8	540.4	519.1
60°	452.2	477.4	457.8
61°	412.0	421.6	400.8
62°	372.1	379.4	352.0
63°	332.2	339.9	312.5
64°	297.0	303.2	273.7
65°	266.1	270.2	242.1
66°	234.0	241.0	216.4
67°	203.7	216.3	193.8
68°	179.1	192.9	173.7
69°	157.4	171.4	154.6
70°	139.4	150.9	137.2
71°	122.5	133.1	121.6
72°	107.8	117.2	107.0
73°	94.4	101.5	93.0
74°	81.6	87.2	80.8
75°	70.9	75.5	70.1
76°	60.1	63.9	59.4
77°	49.4	52.2	48.8
78°	40.9	42.3	39.5
79°	33.9	33.4	30.4
80°	27.1	25.9	23.1
81°	20.6	19.4	17.3
82°	15.5	14.1	12.8
83°	11.0	10.4	9.1
84°	7.9	7.3	5.9
85°	4.7	4.2	2.7
86°	1.6	1.0	0.8
87°	0.4	0.3	0.3
88°	0.2	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

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: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

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

REPORT NUMBER: P1440296

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)