

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: P1440295

Luminaire Tested: XSF60-KNYK-6Hx6V-840-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440295
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF60-KNYK-6Hx6V-840-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 60W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT 80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9520.7 lumens
Efficiency: N/A
Efficacy: 151.1 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): 63
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

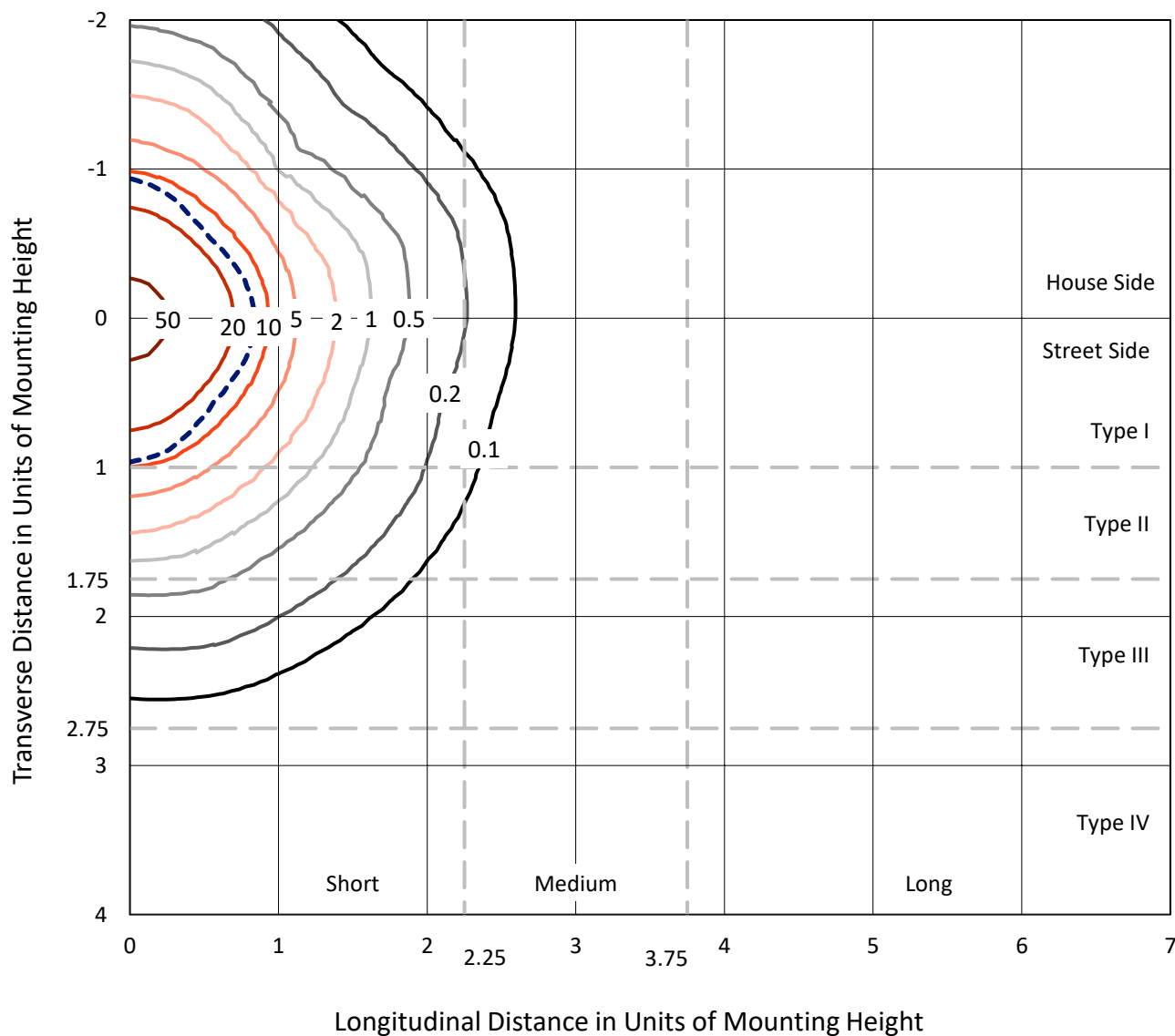
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

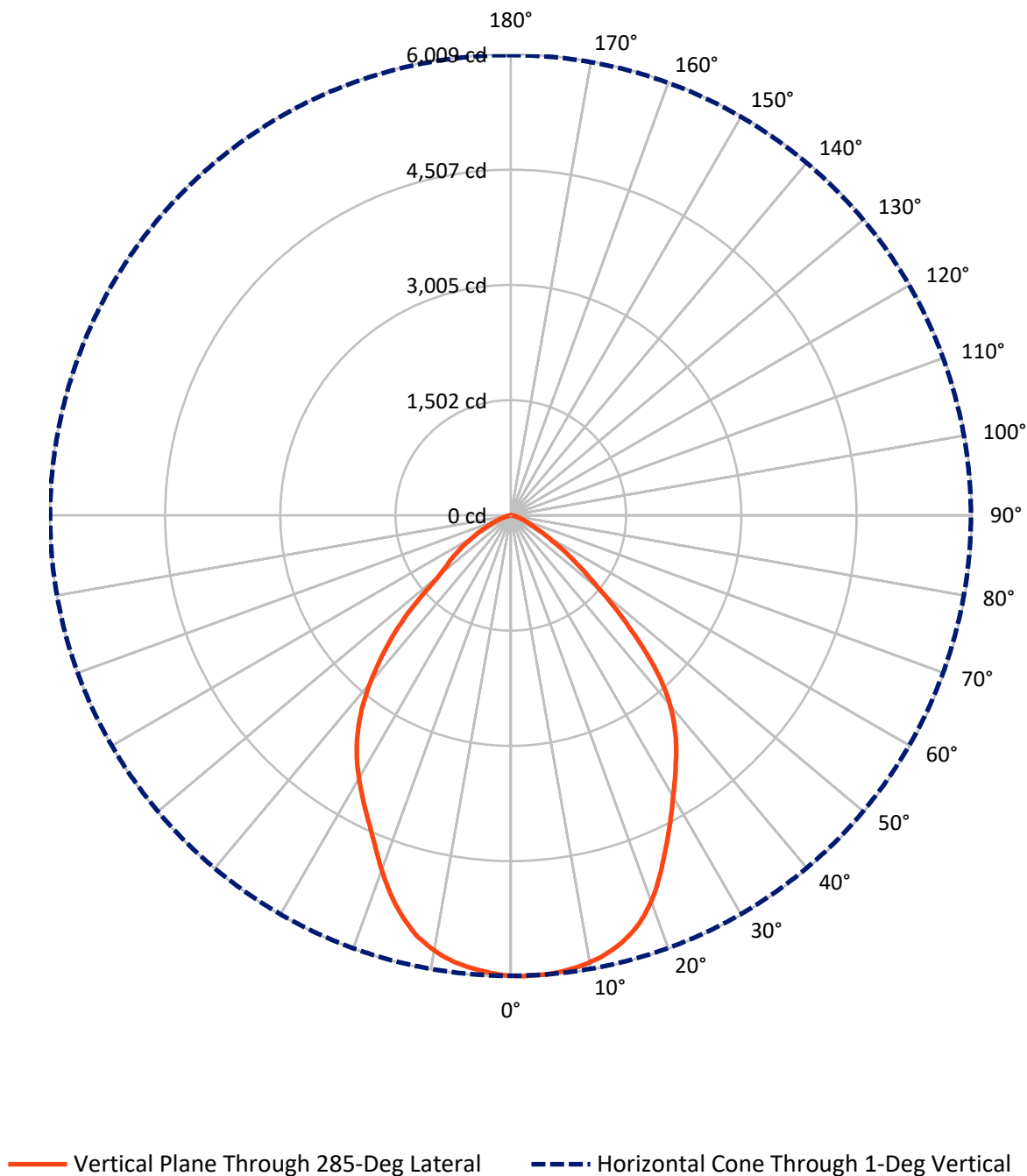


Based on 10 foot mounting height. Maximum calculated value = 60 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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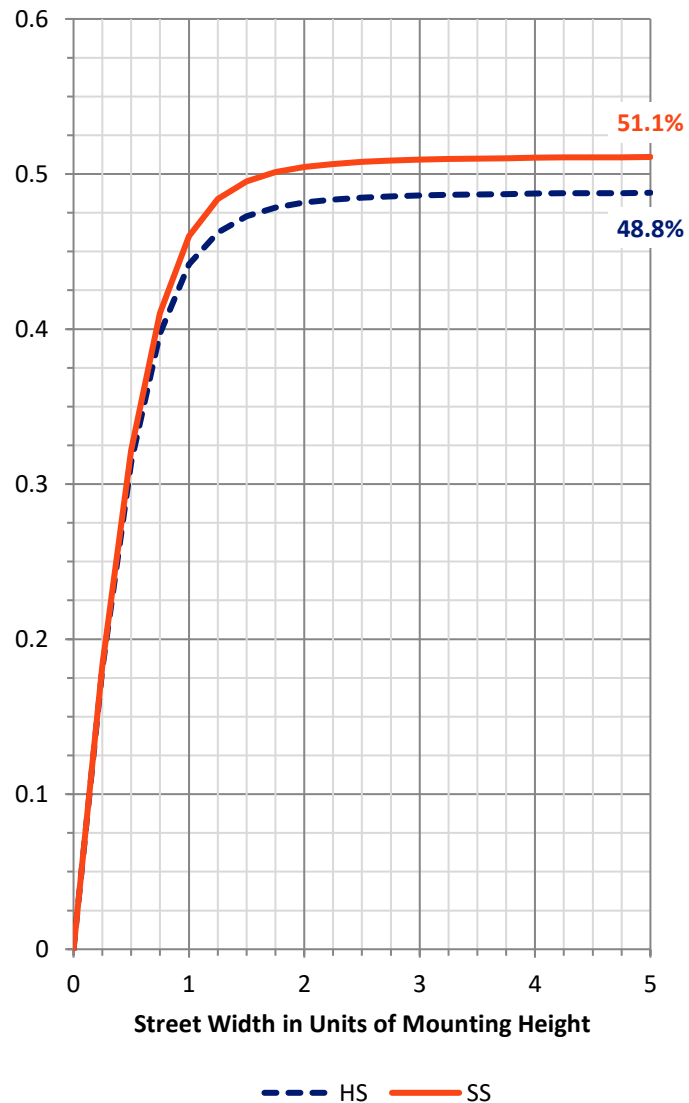
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4674.3	0.0	4674.3
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	4846.4	0.0	4846.4
	% Fixture	50.9	0.0	50.9
Total	Lumens	9520.7	0.0	9520.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	565.8	5.9
10°-20°	1569.1	16.5
20°-30°	2121.1	22.3
30°-40°	2258.1	23.7
40°-50°	1759.1	18.5
50°-60°	809.8	8.5
60°-70°	324.9	3.4
70°-80°	101.0	1.1
80°-90°	12.0	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°	9520.7	100.0
0°-180°	9520.7	100.0

Coefficient of Utilization



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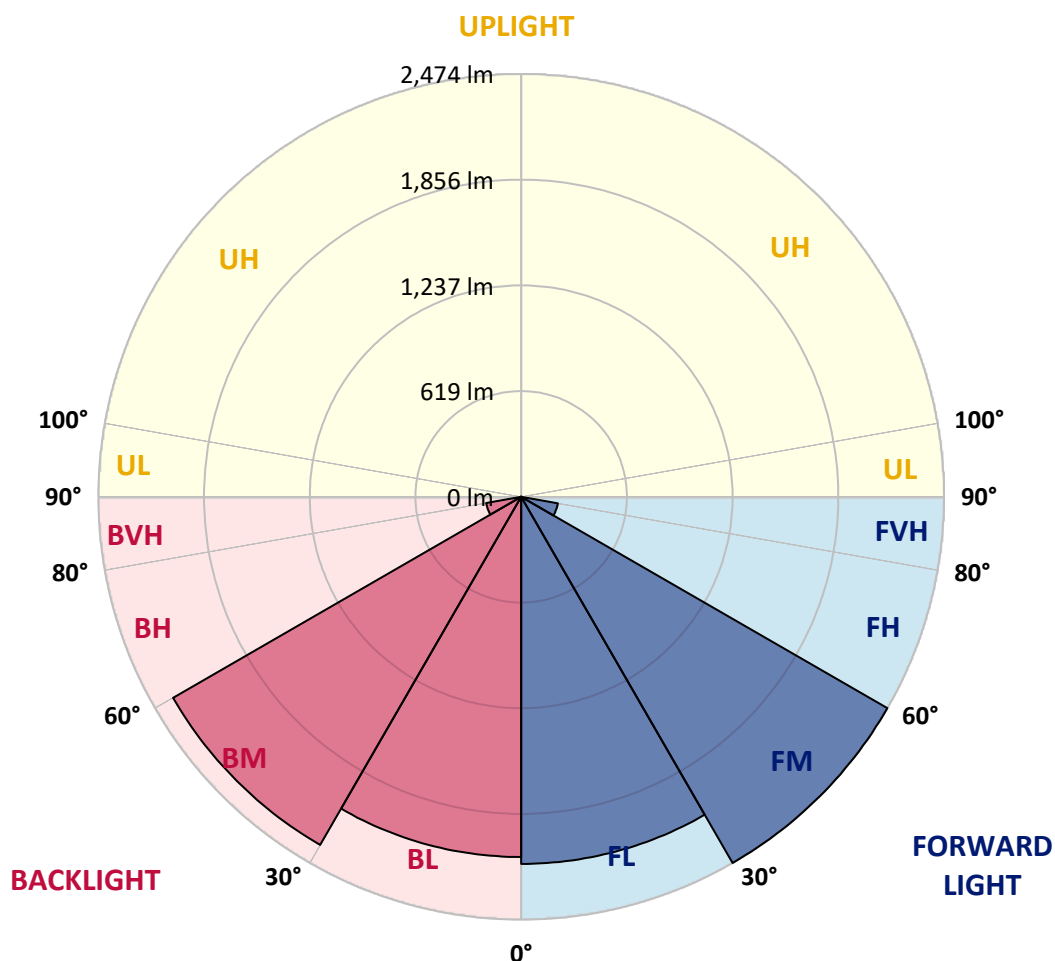
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2148.3	22.6			
FM	(30°-60°)	2474.4	26.0			
FH	(60°-80°)	217.9	2.3			G0/660
FVH	(80°-90°)	5.8	0.1			G0/10
BL	(0°-30°)	2107.7	22.1	B3/2500		
BM	(30°-60°)	2352.5	24.7	B2/2500		
BH	(60°-80°)	207.9	2.2	B1/500		G0/660
BVH	(80°-90°)	6.2	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°	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8
1°	6002.4	6002.1	6001.3	6000.7	5997.2	5997.5	5998.3	5997.4	5999.1	5998.6	6000.2
2°	6001.0	5998.2	5994.8	5994.2	5992.8	5988.7	5987.6	5984.3	5986.8	5990.1	5991.7
3°	5997.2	5993.1	5988.6	5984.2	5979.5	5976.3	5970.6	5971.9	5973.6	5977.5	5980.5
4°	5988.4	5982.3	5976.0	5970.7	5964.4	5958.6	5955.1	5952.0	5955.8	5960.1	5962.9
5°	5976.9	5967.9	5962.1	5951.6	5943.8	5938.4	5933.4	5932.2	5933.5	5937.1	5943.5
6°	5961.5	5951.7	5939.1	5930.2	5921.4	5915.6	5911.6	5911.5	5910.1	5913.0	5922.9
7°	5941.6	5931.7	5919.6	5906.8	5896.8	5889.9	5889.2	5887.2	5887.0	5890.0	5899.6
8°	5925.4	5911.3	5895.8	5882.8	5869.1	5860.9	5859.8	5858.2	5860.3	5865.0	5874.7
9°	5904.8	5886.9	5870.2	5855.8	5838.4	5829.3	5823.3	5823.1	5825.2	5831.6	5845.9
10°	5879.7	5860.6	5840.7	5822.1	5803.4	5791.0	5781.4	5782.2	5788.1	5794.9	5807.5
11°	5850.7	5827.1	5803.8	5782.3	5764.0	5748.2	5735.5	5734.1	5741.3	5753.2	5767.3
12°	5813.9	5788.7	5763.5	5737.7	5718.0	5697.6	5683.1	5678.6	5689.2	5702.9	5720.7
13°	5772.7	5746.1	5718.3	5688.9	5662.4	5640.2	5621.9	5621.8	5630.4	5646.6	5665.4
14°	5727.2	5696.0	5664.8	5633.4	5603.3	5575.1	5550.7	5549.2	5560.6	5581.8	5599.7
15°	5673.5	5638.8	5604.7	5571.4	5535.3	5500.3	5471.4	5467.6	5482.6	5508.9	5526.3
16°	5609.5	5570.5	5533.4	5500.6	5457.4	5418.9	5385.1	5382.1	5397.3	5424.0	5443.5
17°	5535.6	5497.7	5454.2	5419.9	5369.4	5327.4	5291.6	5289.9	5304.1	5330.2	5353.8
18°	5456.5	5414.2	5370.2	5327.3	5272.2	5231.3	5190.3	5189.4	5204.6	5229.4	5255.4
19°	5369.6	5323.1	5280.4	5229.4	5171.6	5128.0	5086.7	5084.2	5096.7	5122.5	5152.8
20°	5278.7	5231.7	5181.1	5120.4	5062.9	5018.4	4981.0	4974.3	4983.4	5006.8	5044.6
21°	5186.1	5134.1	5081.1	5008.3	4947.6	4907.5	4875.0	4863.2	4861.0	4886.4	4923.8
22°	5089.6	5029.7	4966.9	4887.7	4825.3	4795.5	4766.1	4748.6	4740.0	4764.0	4803.7
23°	4985.8	4918.8	4846.5	4761.2	4701.5	4685.4	4664.1	4639.6	4616.2	4631.1	4676.4
24°	4882.0	4812.1	4726.5	4634.6	4579.9	4580.7	4571.1	4537.2	4498.3	4500.1	4559.8
25°	4785.2	4713.5	4612.0	4510.9	4461.8	4482.4	4486.3	4438.8	4381.0	4371.4	4445.3
26°	4697.3	4620.3	4499.6	4387.8	4345.0	4388.7	4403.8	4347.8	4269.7	4252.7	4332.5
27°	4614.4	4531.0	4391.6	4266.6	4234.9	4298.3	4322.0	4260.0	4163.7	4132.0	4221.4
28°	4533.7	4441.8	4282.6	4149.3	4129.6	4209.9	4242.0	4174.3	4057.5	4016.2	4115.5
29°	4461.1	4355.7	4181.0	4036.5	4024.0	4123.2	4163.7	4088.0	3955.2	3902.2	4009.8
30°	4393.7	4273.8	4078.3	3924.0	3918.0	4037.4	4086.6	4002.7	3855.1	3790.9	3906.3
31°	4323.4	4191.8	3976.9	3815.0	3817.4	3951.3	4005.8	3915.5	3761.4	3687.1	3807.2
32°	4255.3	4113.7	3877.6	3711.3	3718.0	3866.4	3921.7	3827.2	3669.3	3583.6	3711.1
33°	4192.0	4039.9	3779.4	3607.1	3621.4	3774.7	3834.7	3735.9	3576.0	3483.2	3616.3
34°	4128.9	3967.9	3685.9	3504.1	3520.5	3682.6	3741.9	3639.4	3480.4	3381.9	3521.2
35°	4064.1	3896.3	3591.3	3397.3	3416.0	3582.4	3643.1	3535.2	3375.8	3278.2	3423.1
36°	3998.7	3821.3	3497.2	3285.5	3313.7	3477.3	3533.3	3427.0	3260.5	3167.3	3319.1
37°	3928.0	3738.8	3399.4	3175.9	3208.1	3369.7	3418.4	3314.0	3138.7	3043.3	3206.3
38°	3848.6	3641.7	3300.6	3071.3	3099.5	3251.4	3297.9	3193.7	3007.6	2910.0	3082.6
39°	3752.4	3532.3	3192.8	2958.8	2983.1	3126.4	3170.1	3062.8	2873.5	2773.8	2955.1
40°	3633.6	3413.8	3068.6	2836.9	2857.4	2986.4	3034.9	2925.4	2736.2	2636.8	2815.9
41°	3505.9	3283.6	2929.8	2705.6	2724.1	2838.2	2882.8	2786.7	2592.5	2496.9	2670.0
42°	3354.8	3138.2	2781.5	2566.4	2580.1	2674.6	2718.6	2632.9	2438.1	2351.2	2517.1
43°	3187.7	2980.1	2628.8	2419.9	2434.4	2502.5	2553.1	2483.5	2281.4	2198.0	2363.7
44°	3013.0	2805.6	2474.2	2271.2	2284.0	2334.0	2391.0	2330.1	2131.5	2063.3	2220.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2815.6	2626.9	2314.0	2121.8	2137.2	2176.1	2233.8	2186.4	1981.6	1928.4	2087.5
46°	2614.0	2447.8	2154.0	1978.1	1994.8	2020.4	2063.1	2012.5	1830.6	1793.6	1954.4
47°	2416.7	2274.5	1995.8	1837.4	1834.6	1843.7	1892.5	1838.1	1633.7	1652.8	1820.0
48°	2228.8	2104.4	1828.9	1673.6	1663.9	1678.7	1721.9	1643.0	1439.6	1478.2	1639.6
49°	2030.7	1917.1	1632.1	1493.4	1495.7	1519.4	1560.0	1446.4	1266.0	1302.9	1439.5
50°	1845.6	1718.6	1433.4	1299.7	1338.3	1363.1	1422.9	1281.6	1081.4	1081.7	1260.5
51°	1703.8	1511.3	1268.2	1139.3	1202.3	1246.7	1315.4	1170.0	944.7	908.3	1088.0
52°	1539.1	1320.0	1138.5	1023.1	1083.3	1142.3	1218.8	1086.7	848.2	771.2	971.5
53°	1315.9	1200.6	1014.4	956.5	975.4	1032.1	1131.8	1021.6	766.2	665.0	903.3
54°	1198.2	1110.0	933.4	890.4	899.9	939.7	1030.8	972.0	699.0	562.9	828.6
55°	1093.2	985.1	853.0	824.3	824.4	847.3	944.4	907.8	637.6	476.9	740.4
56°	965.9	892.5	772.7	749.3	748.8	755.0	869.1	844.3	580.5	406.7	648.1
57°	849.6	801.1	699.1	686.7	704.9	690.6	791.6	780.2	537.2	365.5	573.8
58°	733.4	709.6	635.3	627.8	641.2	614.6	716.3	735.0	494.0	337.1	507.7
59°	651.8	651.1	581.2	569.8	591.4	551.2	649.0	663.1	438.2	313.2	455.9
60°	574.8	612.2	532.1	516.6	539.3	472.5	594.9	591.5	397.7	291.2	411.2
61°	503.2	554.4	477.3	470.0	484.1	406.4	534.1	545.7	374.8	272.1	371.0
62°	442.0	488.0	428.3	426.3	432.9	372.0	480.6	502.4	343.5	254.9	336.1
63°	392.4	429.4	384.3	385.7	390.9	342.7	438.8	457.6	312.2	238.9	306.0
64°	343.6	387.2	348.3	351.2	355.5	308.5	394.3	406.9	283.7	223.4	279.2
65°	304.0	345.7	317.4	320.7	321.1	277.8	352.2	361.2	257.8	207.9	253.1
66°	271.7	308.1	286.7	291.7	289.7	251.5	311.4	318.7	234.9	192.7	230.6
67°	243.4	274.4	258.0	263.7	259.7	228.2	273.1	279.3	212.0	178.0	208.0
68°	218.1	242.5	231.1	235.3	230.7	206.4	242.2	248.7	189.1	164.2	185.4
69°	194.2	212.6	204.7	207.5	204.0	185.1	211.3	218.2	171.5	150.7	166.0
70°	172.3	185.6	179.0	182.3	180.6	165.5	180.7	187.9	155.8	138.1	149.0
71°	152.7	162.7	156.6	159.2	159.6	148.1	159.5	167.1	141.3	125.9	132.3
72°	134.4	142.5	136.4	140.3	140.6	132.2	140.6	147.7	127.1	113.7	117.0
73°	116.7	123.4	118.0	123.2	123.8	117.2	123.5	129.2	113.4	101.8	102.8
74°	101.4	106.5	101.5	108.0	107.9	103.4	107.3	112.6	100.4	90.4	89.8
75°	88.0	91.9	87.5	94.2	94.5	90.6	92.4	96.4	87.8	79.3	77.0
76°	74.6	77.3	73.5	80.1	80.6	77.8	78.6	81.8	75.9	69.0	64.7
77°	61.2	62.8	59.6	66.0	66.7	65.0	66.8	69.5	65.1	59.2	54.4
78°	49.6	49.9	49.0	54.3	56.3	55.1	56.6	58.6	55.1	49.2	45.3
79°	38.2	39.5	40.0	44.8	46.6	45.7	46.9	48.4	45.9	40.6	37.5
80°	29.0	30.4	31.6	36.4	37.2	37.1	37.4	39.7	37.6	33.4	30.8
81°	21.7	22.8	23.9	29.3	30.6	30.6	30.5	32.2	29.8	27.2	25.0
82°	16.1	17.9	18.9	22.3	23.7	24.5	24.6	25.8	23.8	20.9	19.2
83°	11.5	12.4	12.8	15.4	16.7	18.0	18.8	19.4	17.7	14.6	13.4
84°	7.4	8.7	8.9	9.4	11.2	12.4	13.0	13.1	11.7	9.9	9.1
85°	3.4	4.9	5.2	5.8	7.2	8.8	8.4	8.4	7.6	6.2	5.7
86°	1.1	1.2	1.5	2.3	3.2	5.2	4.7	4.6	4.1	3.4	3.1
87°	0.4	0.4	0.4	0.6	1.0	1.7	1.7	1.8	1.7	1.4	1.4
88°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	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: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

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: P1440295
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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: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8	6003.8
1°	6001.3	6002.0	6003.7	6004.8	6004.4	6006.2	6004.4	6006.8	6009.3	6005.8	6005.8
2°	5996.4	5996.6	5998.4	6000.5	6003.1	6004.0	6004.9	6006.9	6005.2	6005.2	6004.5
3°	5984.8	5987.2	5991.0	5996.6	6000.3	5999.9	6004.4	6007.5	6002.7	6003.5	6002.4
4°	5967.9	5972.6	5977.3	5985.3	5990.6	5993.8	5997.9	5999.5	6000.6	5998.2	6000.6
5°	5949.2	5957.3	5965.9	5972.0	5979.1	5984.6	5990.2	5996.2	5993.8	5994.1	5995.9
6°	5930.9	5938.7	5947.8	5955.1	5965.5	5971.2	5976.7	5980.1	5981.2	5985.1	5986.8
7°	5909.8	5921.1	5931.5	5938.2	5947.0	5952.7	5958.5	5963.8	5966.1	5968.4	5970.6
8°	5886.7	5898.9	5909.3	5918.2	5928.6	5933.8	5938.8	5945.6	5949.0	5952.2	5949.9
9°	5856.6	5870.8	5883.8	5893.3	5904.8	5911.1	5915.8	5923.3	5928.9	5929.9	5927.4
10°	5821.7	5836.4	5851.0	5863.1	5877.5	5884.0	5891.5	5900.4	5903.1	5906.9	5906.6
11°	5781.0	5794.2	5808.7	5826.7	5844.5	5855.6	5863.6	5873.1	5878.8	5879.9	5882.4
12°	5735.0	5746.5	5765.9	5784.2	5801.4	5820.0	5830.6	5836.5	5841.8	5848.3	5851.6
13°	5677.9	5694.2	5713.9	5737.9	5756.4	5777.3	5785.0	5794.1	5801.7	5810.1	5815.1
14°	5613.3	5633.6	5653.6	5682.3	5706.1	5722.3	5735.3	5746.0	5756.6	5768.7	5775.7
15°	5540.3	5561.6	5585.3	5619.1	5649.1	5666.4	5675.7	5690.0	5702.4	5718.7	5728.4
16°	5461.0	5481.8	5509.4	5545.7	5580.1	5596.8	5609.5	5625.1	5643.4	5663.3	5671.9
17°	5372.9	5396.1	5426.5	5465.7	5501.7	5516.7	5533.5	5550.3	5572.8	5597.1	5611.5
18°	5278.2	5306.6	5340.4	5379.2	5412.0	5429.2	5443.6	5464.8	5491.5	5525.4	5540.4
19°	5179.1	5211.9	5247.9	5286.1	5313.9	5330.5	5344.7	5369.5	5400.9	5439.6	5458.4
20°	5071.5	5105.6	5145.7	5185.3	5205.6	5220.7	5237.4	5265.1	5302.4	5344.6	5370.0
21°	4957.0	4993.3	5033.2	5075.9	5093.0	5102.3	5118.7	5155.4	5194.8	5239.1	5270.8
22°	4849.3	4894.4	4929.3	4958.2	4968.5	4972.6	4998.8	5037.3	5076.9	5125.3	5163.3
23°	4744.0	4804.3	4836.4	4845.0	4839.0	4837.8	4870.5	4918.1	4959.7	5002.9	5045.8
24°	4646.5	4720.9	4749.7	4737.5	4703.0	4698.0	4741.2	4799.7	4841.2	4875.5	4917.3
25°	4562.2	4647.3	4666.5	4628.8	4568.4	4560.6	4611.0	4677.8	4725.5	4746.2	4787.4
26°	4477.7	4575.9	4589.3	4521.8	4434.6	4428.6	4486.7	4566.9	4611.3	4619.2	4658.6
27°	4393.8	4509.5	4511.4	4417.9	4305.3	4298.3	4371.0	4457.5	4499.8	4494.4	4526.4
28°	4309.5	4444.2	4435.4	4314.4	4184.5	4174.7	4260.8	4359.5	4393.0	4371.4	4392.1
29°	4229.3	4378.3	4359.1	4211.7	4065.8	4053.8	4152.8	4261.4	4285.4	4252.9	4264.8
30°	4154.2	4312.4	4283.9	4106.6	3947.5	3937.5	4052.0	4164.5	4184.4	4135.7	4135.6
31°	4077.5	4246.2	4209.4	4003.4	3832.7	3825.5	3953.4	4073.1	4088.1	4020.3	4012.4
32°	4003.0	4180.5	4137.6	3901.4	3721.7	3719.2	3856.6	3982.3	3993.0	3905.4	3891.7
33°	3927.3	4115.9	4062.2	3802.0	3614.8	3619.8	3760.6	3895.8	3896.7	3791.1	3776.8
34°	3849.5	4054.1	3983.4	3705.3	3509.7	3521.8	3667.7	3807.8	3806.2	3679.1	3661.3
35°	3768.3	3991.7	3902.6	3606.1	3405.4	3422.1	3570.7	3716.7	3713.4	3566.3	3547.1
36°	3682.8	3921.3	3815.1	3500.4	3299.5	3321.9	3471.1	3624.8	3616.4	3455.1	3434.7
37°	3587.8	3836.5	3718.9	3395.0	3190.6	3216.7	3373.2	3531.1	3514.3	3344.9	3323.9
38°	3477.4	3735.6	3612.1	3280.5	3076.8	3105.1	3272.7	3432.0	3406.2	3230.6	3213.5
39°	3352.8	3621.3	3490.7	3155.6	2957.5	2985.4	3165.0	3327.5	3293.2	3112.5	3097.6
40°	3213.0	3489.8	3353.3	3020.1	2826.7	2857.4	3045.1	3208.9	3171.3	2991.5	2980.7
41°	3062.9	3345.2	3196.8	2875.7	2689.3	2723.2	2913.9	3072.6	3033.2	2861.0	2855.3
42°	2900.3	3185.0	3023.8	2716.2	2545.5	2582.3	2771.9	2923.1	2880.8	2723.8	2719.4
43°	2733.2	3012.7	2843.4	2546.2	2394.0	2437.1	2619.1	2758.4	2711.8	2579.6	2570.3
44°	2573.5	2845.3	2665.0	2373.7	2232.2	2282.7	2463.5	2587.4	2528.8	2423.9	2418.7

REPORT NUMBER: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2414.0	2679.0	2486.0	2203.9	2083.5	2124.5	2301.4	2415.5	2340.5	2262.0	2265.3
46°	2264.4	2520.8	2321.8	2048.9	1934.8	1966.4	2146.0	2247.6	2147.6	2095.0	2113.6
47°	2089.2	2334.2	2138.4	1894.0	1786.1	1808.2	1990.5	2095.5	1979.9	1933.2	1967.4
48°	1914.0	2179.7	1955.1	1737.6	1626.7	1635.9	1834.5	1927.2	1805.7	1782.7	1825.6
49°	1738.9	2025.3	1772.7	1528.7	1417.2	1426.4	1640.8	1757.2	1626.9	1621.4	1653.6
50°	1589.9	1871.0	1627.0	1349.7	1196.5	1239.7	1437.7	1576.8	1461.9	1451.3	1458.8
51°	1454.3	1720.9	1525.1	1202.8	997.7	1080.9	1259.8	1413.0	1328.1	1279.5	1261.4
52°	1350.0	1569.2	1403.2	1045.8	819.3	913.8	1124.2	1287.6	1214.0	1128.1	1098.2
53°	1292.2	1487.8	1343.0	972.7	721.5	808.0	1040.8	1199.5	1106.4	1008.9	986.8
54°	1215.3	1409.1	1275.8	889.3	620.8	733.9	984.1	1092.8	999.7	933.5	913.4
55°	1134.3	1306.6	1164.1	795.6	521.8	668.5	940.8	995.8	907.6	858.2	841.0
56°	1016.3	1189.0	1043.8	707.8	441.8	615.0	891.9	915.3	815.8	782.9	768.6
57°	905.2	1062.6	936.0	624.4	391.0	574.1	826.0	835.0	724.0	731.2	703.7
58°	826.2	957.0	839.8	550.8	359.9	536.9	762.3	754.8	631.7	657.2	647.8
59°	740.9	872.3	752.5	495.1	332.8	482.3	722.2	692.4	586.0	594.5	595.3
60°	649.1	779.1	664.2	456.4	309.7	427.4	654.3	629.5	521.7	558.6	546.4
61°	575.6	683.6	585.2	405.5	288.9	386.8	579.9	560.6	446.6	507.4	499.3
62°	512.2	599.5	510.4	357.0	270.2	357.7	524.8	511.3	395.3	455.4	455.7
63°	451.9	523.4	451.0	318.0	253.1	327.4	482.7	469.1	351.2	404.4	415.6
64°	408.4	459.5	400.3	286.1	236.9	299.9	433.2	422.6	313.6	363.8	376.2
65°	365.7	401.9	357.2	258.1	220.8	272.9	386.5	378.3	284.4	330.6	340.1
66°	325.0	354.3	316.9	235.5	204.7	249.7	344.5	336.9	258.4	299.6	308.2
67°	288.0	309.4	282.5	212.9	189.5	226.5	304.9	298.7	235.8	269.9	278.4
68°	254.3	268.2	251.1	190.3	174.3	203.4	269.4	262.8	214.1	241.7	248.4
69°	220.5	232.8	219.7	171.1	160.7	185.0	240.8	230.3	193.4	214.9	218.7
70°	186.9	197.8	188.5	153.2	147.7	167.3	212.2	200.6	173.9	189.9	191.0
71°	160.5	171.5	163.7	136.1	135.0	150.8	183.6	175.5	155.1	166.4	166.7
72°	137.4	147.4	142.0	121.0	122.3	135.9	162.4	154.2	138.7	146.4	146.0
73°	117.6	125.2	122.4	106.9	109.6	122.1	143.4	134.8	123.4	128.8	128.3
74°	99.0	105.5	104.2	93.9	97.5	108.6	125.3	117.4	109.4	113.0	112.2
75°	83.0	88.5	87.4	81.3	85.7	95.6	108.1	101.5	95.3	98.2	97.4
76°	69.5	73.7	73.1	68.8	74.9	83.2	91.4	88.2	83.0	85.5	84.1
77°	57.9	61.3	61.2	57.9	64.4	71.1	77.1	74.9	70.6	72.9	70.8
78°	47.7	50.8	50.6	48.7	54.2	60.0	65.0	61.6	59.6	60.3	57.5
79°	38.9	41.3	41.3	40.7	45.1	50.7	54.6	51.9	50.6	50.7	47.9
80°	31.3	33.0	33.3	33.3	37.2	42.1	45.1	41.7	41.6	41.4	39.3
81°	25.5	27.1	27.1	27.3	30.2	33.9	36.7	33.3	33.1	33.1	31.6
82°	19.7	21.1	21.0	21.3	24.3	27.3	29.2	26.9	26.7	26.2	24.2
83°	14.0	15.1	14.8	15.3	18.3	20.7	22.9	20.9	20.1	19.4	17.2
84°	9.5	10.3	10.3	10.6	12.4	14.0	16.6	15.4	14.5	13.4	11.0
85°	6.0	6.4	6.5	6.7	8.1	9.6	10.4	10.3	9.5	9.6	7.1
86°	3.0	3.3	3.5	3.8	4.4	5.8	6.3	6.7	6.3	5.8	3.2
87°	1.3	1.4	1.5	1.7	2.0	2.9	3.3	3.2	3.2	1.9	1.0
88°	0.7	0.7	0.7	0.7	0.8	0.9	1.0	0.8	0.9	0.6	0.3
89°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1

REPORT NUMBER: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

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: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

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: P1440295
CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

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: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6003.8	6003.8	6003.8
1°	6004.9	6004.1	6002.4
2°	6003.8	6003.4	6001.0
3°	6003.7	6001.3	5997.2
4°	5999.7	5995.6	5988.4
5°	5990.6	5985.5	5976.9
6°	5979.4	5972.4	5961.5
7°	5961.9	5954.1	5941.6
8°	5943.1	5936.7	5925.4
9°	5926.0	5916.0	5904.8
10°	5903.1	5898.2	5879.7
11°	5877.7	5868.7	5850.7
12°	5847.0	5834.6	5813.9
13°	5810.9	5797.2	5772.7
14°	5768.0	5753.5	5727.2
15°	5721.8	5704.8	5673.5
16°	5665.6	5644.7	5609.5
17°	5602.1	5577.3	5535.6
18°	5532.7	5499.8	5456.5
19°	5454.1	5417.9	5369.6
20°	5365.3	5328.0	5278.7
21°	5270.4	5237.0	5186.1
22°	5167.7	5138.1	5089.6
23°	5054.5	5033.3	4985.8
24°	4936.4	4925.5	4882.0
25°	4819.4	4814.2	4785.2
26°	4699.0	4714.7	4697.3
27°	4582.3	4622.9	4614.4
28°	4465.7	4532.6	4533.7
29°	4357.3	4445.4	4461.1
30°	4244.5	4359.5	4393.7
31°	4135.1	4275.3	4323.4
32°	4033.1	4196.5	4255.3
33°	3931.0	4119.1	4192.0
34°	3830.0	4044.0	4128.9
35°	3724.7	3970.0	4064.1
36°	3626.5	3900.6	3998.7
37°	3530.8	3825.4	3928.0
38°	3423.9	3743.4	3848.6
39°	3306.3	3643.4	3752.4
40°	3179.4	3520.8	3633.6
41°	3043.2	3385.8	3505.9
42°	2891.7	3241.5	3354.8
43°	2740.0	3086.3	3187.7
44°	2585.1	2921.0	3013.0

REPORT NUMBER: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2423.3	2737.9	2815.6
46°	2260.5	2551.8	2614.0
47°	2096.2	2368.4	2416.7
48°	1934.2	2188.5	2228.8
49°	1766.1	1994.4	2030.7
50°	1568.5	1794.7	1845.6
51°	1360.6	1570.7	1703.8
52°	1178.9	1409.3	1539.1
53°	1072.0	1246.9	1315.9
54°	968.5	1114.5	1198.2
55°	898.8	1024.9	1093.2
56°	829.5	933.2	965.9
57°	760.2	841.4	849.6
58°	690.9	749.7	733.4
59°	627.6	678.6	651.8
60°	567.7	599.5	574.8
61°	517.3	529.3	503.2
62°	467.2	476.4	442.0
63°	417.1	426.7	392.4
64°	372.9	380.7	343.6
65°	334.1	339.3	304.0
66°	293.8	302.6	271.7
67°	255.8	271.6	243.4
68°	224.8	242.2	218.1
69°	197.6	215.2	194.2
70°	175.1	189.4	172.3
71°	153.8	167.1	152.7
72°	135.3	147.2	134.4
73°	118.5	127.4	116.7
74°	102.5	109.4	101.4
75°	89.0	94.8	88.0
76°	75.5	80.2	74.6
77°	62.0	65.6	61.2
78°	51.4	53.2	49.6
79°	42.6	41.9	38.2
80°	34.0	32.5	29.0
81°	25.9	24.3	21.7
82°	19.4	17.7	16.1
83°	13.9	13.0	11.5
84°	9.9	9.1	7.4
85°	6.0	5.2	3.4
86°	2.0	1.3	1.1
87°	0.6	0.4	0.4
88°	0.2	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

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: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

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: P1440295

CATALOG NUMBER: XSF60-KNYK-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)