



# FJ9 Series

FLUORESCENT | SURFACE **S**



### COOKING HOOD LITE

#### APPLICATIONS:

- UL/CUL Listed Wet Location
- NSF Certified Food Processing (Food Zone)

#### BENEFITS:

- Suitable for use in Commercial Cooking Hoods

#### FEATURES:

- Premium electronic ballast standard
- Stainless steel construction standard
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

## SPECIFICATIONS:

#### HOUSING:

Constructed of 18GA (.048) 304 grade stainless steel for unmatched corrosion protection. A welded, tapered, threaded hub on the back provides a sealed wireway access. All seams are sealed with silicone sealant.

#### REFLECTOR:

Fabricated of zinc coated steel, painted with a minimum reflectance of 88%.

#### LENS FRAME:

Exclusively designed, heavy duty, 18GA (.048) stainless steel.

#### GASKETING:

A two piece extruded, ribbed, silicone gasket seal the lens frame to the housing. Silicone sealant is used to seal the lens to the lens frame.

#### LENS:

.187 tempered glass.

#### FINISH:

Painted surfaces are two mil of white polyester enamel.

#### ELECTRICAL:

All ballasts and lampholders are UL Listed.

#### MOUNTING:

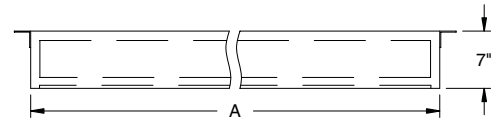
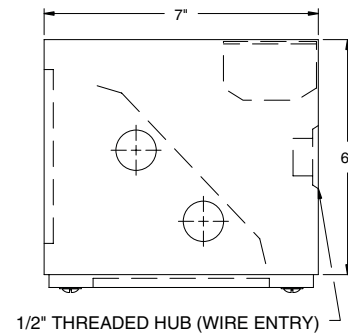
Surface mounting within commercial cooking hoods. Luminaire must be mounted a minimum of 4FT from cooking surface.

#### TEMPERATURE:

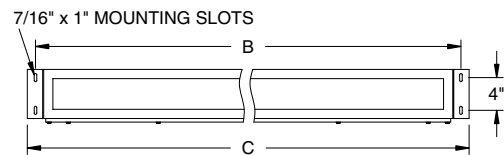
Suitable for use in increased ambients up to 60°C.

#### IMMERSION TESTING:

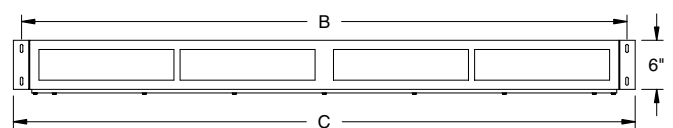
Extensive water testing done to achieve UL Commercial Cooking Hood label, performance characteristics similar to IP-67.



#### 2 FT & 4 FT LUMINAIRES



#### 6 FT LUMINAIRE

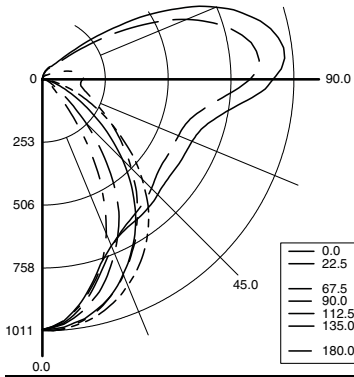


LENGTH	DIMENSIONS IN INCHES		
	A	B	C
2 FT	24 1/2	26 1/2	28 1/2
4 FT	48 1/2	50 1/2	52 1/2
6 FT	72 1/4	74 1/4	76 1/4



## PHOTOMETRICS:

Model FJ92329, 4FT, White Reflector and Two Tempered Glass Lenses, 2 32W T8 Fluorescent Lamps, Lamp Lumen Rating = 2850



### Coefficients of Utilization, Zonal Cavity Method

Floor Cavity Reflectance: 20%

RC	.8				.7				.5				.3				.1				0
RW	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
R 0	63	63	63	63	60	60	60	60	54	54	54	49	49	49	44	44	44	42	42	42	42
C 1	56	53	50	47	53	50	48	45	45	43	41	41	39	38	36	35	34	32	32	32	32
R 2	51	46	42	38	48	44	40	37	39	36	34	35	33	31	32	30	28	26	26	26	26
3	46	40	36	32	44	38	34	31	35	31	28	31	28	26	28	26	24	22	22	22	22
4	42	36	31	27	40	34	30	26	31	27	24	28	25	22	25	23	21	19	19	19	19
5	39	32	27	23	37	30	26	23	28	24	21	25	22	20	23	20	18	17	17	17	17
6	36	29	24	20	34	28	23	20	25	21	18	23	20	17	21	18	16	15	15	15	15
7	34	26	21	18	32	25	21	17	23	19	16	21	18	15	19	16	14	13	13	13	13
8	31	24	19	16	30	23	19	16	21	17	15	19	16	14	18	15	13	12	12	12	12
9	29	22	17	14	28	21	17	14	19	16	13	18	15	12	16	14	12	11	11	11	11
10	27	20	16	13	26	19	15	13	18	14	12	17	13	11	15	13	11	10	10	10	10

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	685	12	21.4
0-40	1050	18.4	32.9
0-60	1666	29.2	52.2
0-90	2393	42	74.9
90-120	680	11.9	21.3
90-130	753	13.2	23.6
90-150	792	13.9	24.8
90-180	800	14	25.1
0-180	3194	56	100

Total Luminaire Optical Efficiency = 56.0%  
Spacing Criterion: 0° = 0.98, 90° = 1.19

## COOKING HOOD LITE ORDERING INFORMATION:

<b>SERIES</b>	<b>LAMP QTY</b>	<b>LAMP TYPE</b>	<b>9</b>	<b>LENS</b>	<b>OPTIONS</b>	<b>VOLTAGE</b>
J9 Wet Location FJ9 Food Zone	2 Standard T4 Tandem		9 .187 Tempered Glass (P62)		<b>BALLASTS</b> <b>D4</b> < 10% THD (Consult Factory) <b>E2</b> 2 Electronic Ballasts <b>E9</b> Rapid Start Electronic Ballast <b>FUSING</b> <b>F1</b> GLR/HLR Fusing (Fast) <b>F2</b> GMF/HLR Fusing (Slow) <b>LENSING</b> <b>H5</b> .156 C73 Tempered Glass <b>H6</b> .187 Clear Tempered Glass <b>MISC</b> <b>S1</b> Special Material (Consult Agent)	120V/60Hz Standard 277V/60Hz 347V/60Hz 50Hz & Other Voltages Available
<b>17</b> F17T8 (2FT) 0° <b>32</b> F32T8 (4FT) 0° <b>TANDEM LAMPS</b> <i>Tandem lamps are tandem wired</i> <b>25</b> F25T8 (6FT) 0°						

Add hyphens between options

Other Wattages Available, Consult Factory.

### NSF Food Processing Note:

Food Zone (F prefix) luminaires come in DIRECT CONTACT with food.  
Splash Zone (S prefix) units may become soiled, but are outside the danger of recontamination.

Information subject to change without notice. Lamps supplied by others.

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### Project Information: