

FEATURES & SPECIFICATIONS

INTENDED USE

A shallow economy designed wrap around fluorescent luminaire available for the use with two lamps in either two or four foot lengths. Low initial cost, maintenance free, this series also delivers excellent brightness control.

SIZE W x L x H in inches (mm)

2 Lamp - 7.625W x 24L x 3Dp (2ft.)

2 Lamp - 13W x 24L x 3Dp (2ft.)

4 Lamp - 7.625W x 48L x 3Dp (4ft.)

4 Lamp - 13W x 48L x 3Dp (4ft.)

LAMP

2, 3, or 4 lamp positions

CONSTRUCTION

Completely die formed from heavy gauge cold rolled steel. Design embossed ends are locked and secures to the housing. Wireway cover snaps on or off without tools.

ELECTRICAL

Unless otherwise specified, ballasts are rapid start class "P" thermally protected, H.P.F., CBM-ETL. Optional ballasts available include: energy saving (ESB), electronic (ELB), dimming (DIM), low temperature (LW). Standard voltage on all fixtures is 120V 60Hz AC, or as specified. Sufficient knockouts are provided on the back and ends for all connections and through wiring. All fixtures bear U.L. labels.

MOUNTING

Suitable for individual or continuous run installations. May be surface or pendant mounted.



DIFFUSERS

A crystal clear diffuser extruded from 100% virgin acrylic that will maintain its color under normal conditions, indefinitely. Linear prisms on the interior side walls direct the light ceilingwards, which can then refract back down, The bottom is composed of an evenly spaced pattern of conical prisms yielding low brightness, glarefree diffused light. Diffuser is lift and shift for ease of relamping and cleaning and is capable of hanging down from either side of the housing.

LISTING

Fixture & Ballast: UL Listed

Ballast: Thermally protected, class P, HPF, Non PCB

ORDERING INFORMATION

Example: 207A432MV

207	A	4	32	MV
Series	Lens Material [2]	Lamp Count	Lamp Type [1]	Ballast & Voltage [1]
207 Shallow Economy Wraparound	A Prismatic Acrylic #12 Pattern	2, 3, or 4 Lamps Not Included For 3 lamp use 432 wide body.	17 24 in. T8 32 48 in. T8 40 48 in. T12 [5] 54 46 in. T5HO	S Residential 120V Ballast MV Electronic, Multivolt (120-277) X1 No Ballast Wired for Single-Ended LED lamps X2 No Ballast Wired for Double-Ended LED lamps XX No Sockets, Ballasts or Wiring

Options [1]

ES	Energy Star (Available only with "S" Residential Ballast)
EM	Emergency ballast, 500 lumens
EM14	Emergency ballast, 1400 lumens
LN15W30	Single ended 15W 1800 Lumen 3500K* Included
LN18W30	Single ended 18W 2100 Lumen 3500K* Included

* Change 30 to 40 or 50 for 4000K or 5000K

Notes

[1] See end of T02SURF for many additional lamps, ballasts, finishes, and options.

[2] Custom louvers available in any cell configuration. Consult factory for additional information.

[3] HiLume and LoLume ballasts available for T8 lamps only.

[4] Consult factory for custom finishes.

[5] Magnetic & Electronic T12 ballasts drive a 34W energy saver lamp.

[6] EM for T5, T5HO requires T5 emergencies

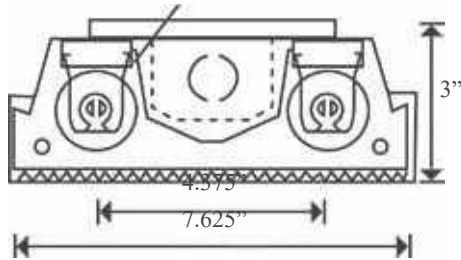


DIMENSIONS

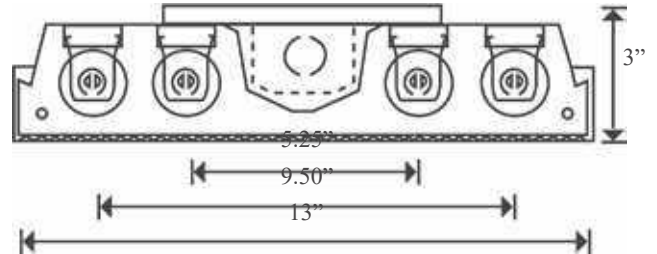
All dimensions are inches. Specifications subject to change without notice.

End Views

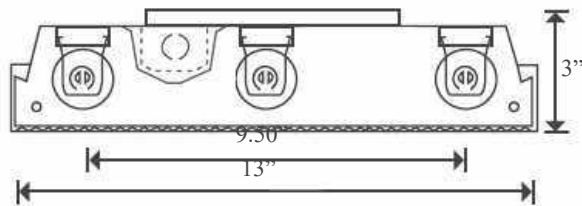
2-Light
Slide on Socket Mount



4-Light



3-Light



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are typical. Photometric data on these and other configurations available upon request.

Coefficients of Utilization

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	
Ceiling	80%	80%	80%	80%	70%	70%	70%	70%	50%	50%	50%	30%	30%	30%	10%	10%	10%
Wall	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
RCR		Zonal cavity coefficients					209		Spacing ratio.				Along 1.2		Across 1.4		
1	78	74	71	68	75	72	69	66	67	65	63	63	62	60	60	58	57
2	71	65	60	56	68	63	58	54	59	55	52	56	53	50	53	50	48
3	65	57	52	47	63	56	50	46	53	48	44	50	46	43	47	44	41
4	60	51	45	40	57	50	44	39	47	42	38	44	40	37	42	39	36
5	54	45	39	34	52	44	38	33	42	36	32	39	35	32	37	34	31
6	50	40	34	29	48	39	33	29	37	32	28	36	31	27	34	30	27
7	46	36	30	26	45	35	30	25	34	28	25	32	27	24	31	26	23
8	43	33	26	22	41	32	26	22	30	25	21	29	24	21	28	23	20
9	39	29	23	19	38	29	23	19	27	22	19	26	21	18	25	21	18
10	36	27	21	17	35	26	21	17	25	20	16	24	19	16	23	19	16

Distribution Curve

