207 Series

Shallow Economy Wraparound

FEATURES & SPECIFICATIONS

INTENDED USE

A shallow economy designed wrap around fluorescent lumi-naire 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 specifi ed, ballasts are rapid start class “P” thermally protected, H.P.F., CBM-ETL. Optional ballasts avail-able include: energy saving (ESB), electronic (ELB), dimming (DIM), low temperature (LW). Standard voltage on all fi x-tures is 120V 60Hz AC, or as specifi ed. Suffi cient 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 yeilding 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

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Lamp Count

2, 3, or 4
Lamps Not included
For 3 lamp use 432 wide body.

Lamp Type [1]

17	24 in. T8
32	48 in. T8
54	46 in. T5HO
40	48 in. T12 [5]

Ballast & Voltage [1]

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
X	No Ballast

Lens Material [2]

A	Prismatic Acrylic #12 Pattern

Tandem Code [4]

Blank	No Tandem
8	8 ft. Tandem (Double Lamp Count)

Options [1]

ES	Energy Star (Available only with “S” Residential Ballast
EM	Emergency ballast, 500 lumens
EM14	Emergency ballast, 1400 lumens

Note: EM14 required for T5HO lamps

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.

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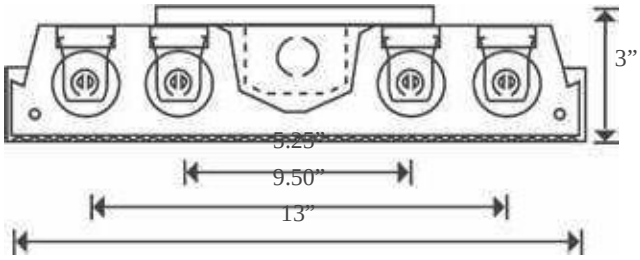
DIMENSIONS

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

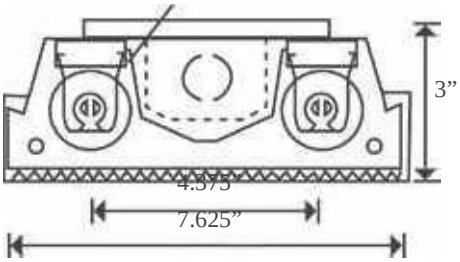
End Views

4-Light

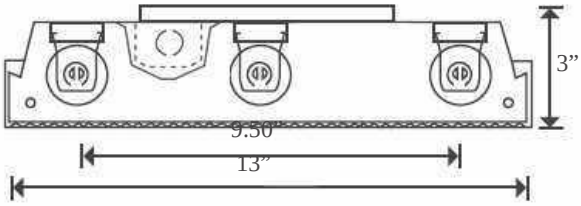


2-Light

Slide on Socket Mount



3-Light



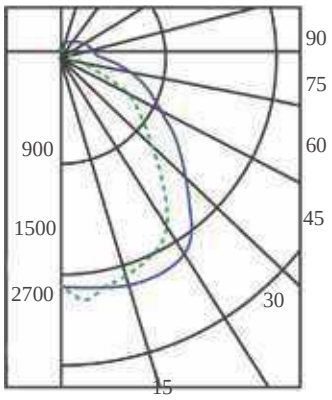
PHOTOMETRICS

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.

Coeffi cients of Utilization

Floor	20%	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



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