

APPLICATIONS

Premium quality low profile troffer with an almost limitless range of applications. Ideal for all commercial and industrial buildings requiring general illumination with recessed configurations.

FEATURES & BENEFITS

- ◆ Available in multiple lamp configurations
- ◆ Shallow design specifically for T5 or T8 lamps
- ◆ Ends are secured by snap-in interlocking system
- ◆ Clear .100 acrylic prismatic lens is standard
- ◆ Exclusive "Light Lock" frame reduces light leaks
- ◆ Flush steel door with rotary action cam latches and hinges from either side for easy re-lamping
- ◆ Easy access plate for quick wiring
- ◆ Pre-lamp available
- ◆ Equipped with Integral Earthquake Clips
- ◆ 84% efficient
- ◆ **UL** listed for damp location



SPECIFICATIONS

Housing is die-formed and embossed from cold rolled steel. Wiring access plate and knockouts are provided on back of housing allowing for flexible greenfield attachment. Ballast cover snaps easily into place eliminating the need for tools when accessing the ballast. Prismatic lens is held within a hinged steel frame door. The heavy gauge door frame hinges downward on either side and is held in the closed position by two positive cam latches. Knockouts are provided on ends for continuous wiring. Listed by and bears **UL** label.

ORDERING DATA

EXAMPLE: RG24-232MV125B1

RG										
Series	Size	# Lamps	Lamp Type	Ballast Type	Lens	Options ^{1,2}				
RG	12	1x2	2	14	22" T5	MV	120 - 277V	Blank	A12 .100 thick lens	Options Page
Recessed	14	1x4	3	17	24" T8	120	Electronic 120V	125	A12 .125 thick lens	
Grid Troffer	22	2x2	4	24	22" T5HO	277	Electronic 277V	156	A19 .156 thick lens	
	24	2x4	6	28	46" T5	R120	Resi Elec	CL	Clear .100 thick lens	
				32	48" T8	PMV	Program Start	CL125	Clear .125 thick lens	
				40BX	Biaxial TT5	DMV	Sylvania Powersense	SW	Smooth White .100 thick lens	
				54	46" T5HO		Dimming	INV	Inverted Lens	
				U32X	6" U bend T8 (2x2 Only)	LED	Less ballast wired one end hot**	NL	No Lens	
				U32Y	1 5/8" U bend T8 (2x2 Only)	LED2	Less ballast wired both ends hot	NFL	No Frame and Lens	
							**UL Listed when supplied with LED tubes installed			

Fixture Notes

- 1) Battery Backup (#) if ordering separately
- 2) Call factory for additional options

Job Pack Notes:

JP at end of catalog number signifies Job Pack, however, if other options are included on fixtures, such as Flex, ELS, etc., consult factory for correct logic

Dimensions and specifications subject to change without notice.

TECHNICAL INFORMATION

Brands

Code No.	Description
A	Advance
G	GE Ballast
L	Lutron
S	Sylvania Ballast
U	Universal

Performance Levels

Ballast			
Manufacturer	Standard - Leave blank if no preference	High Efficiency Instant Start	High Efficiency Program Start
Advance (A)	Centium ICN (A)	Optanium (AL, AN, AH)	Optanium PS (APL, APN ???)
GE (G)	Proline GE (G)	UltraMax (GL, GN, GH)	UltraStart (GPL, GPH, GPH)
Osram/Sylvania (S)	Quicktronic Pro (S)	Quicktronic QHE (SL, SN, SH)	ProStart (SPL, SPN, SPH)
Universal (U)	ULT STD Electronic (U)	HP Electronic (UL, UN, UH)	AccuStart (UPI, UPN, UPH)

TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, regressed doors, wire guards, frame kits, and lenses. See options page at the end of the T02Grid section, or contact factory for more details.

LISTING

Fixture & Ballast: UL Listed Ballast:
Thermally protected, class P, HPF, Non PCB

MOUNTING

Recessed inverted T-Bar ceilings. Grid mount.

OPTIONS

Ballast and Lamp Options

- B1** T8/T5 1L 500 Lumens Battery Backup (B11)
- B2** T8/T5 1L/2L 700 Lumens Battery Backup (B48)
- B3** T8/T5 1L/2L 1400 Lumens Battery Backup (B223)
- B51** T5HO 1L 500 Lumens Battery Backup (B625)
- B52** T5HO 1L 800 Lumens Battery Backup (B585)
- B53** T5HO 1L 1300 Lumens Battery Backup (B626)
- EMK12** 1200 Board Lumen LED Emergency Kit
- 11** Dual Ballasts 1 Lamp + 1 Lamp
- 21** Dual Ballasts 2 Lamp + 1 Lamp
- 22** Dual Ballasts 2 Lamp + 2 Lamp
- 31** Dual Ballasts 3 Lamp + 1 Lamp
- L35** 735K Lamps Installed
- L41** 741K Lamps Installed
- L841** 841K Lamps Installed
- L835** 835K Lamps Installed

Frame and Lens Options

- XA** Anodized aluminum reflector
- XS** Silver MRO4 Reflector
- WR** White Regress Door
- RA** Regressed Aluminum Door
- G1** Single Gasketing
- G2** Double Gasketing
- G3** Triple Gasketing
- W.5** White Parabolic Louver(1/2"x1/2"x3/8")
- S.5** Specualr Parabolic Louver (1/2"x1/2"x3/8")
- S.75** Specular Parabolic Louver (3/4"x3/4"x3/8")
- S1.5** Specular Parabolic Louver (1 1/2"x1 1/2"x1")
- A78** Aluminum Silver 78 Cell (2x4) Parabolic louver
- A36** Aluminum Silver 36 Cell (2x) Parabolic louver
- DD** Drop Dish Lens

Electrical Options

- RIF** Radio Interference Filter
- WP** Whip 6Ft 3 Wire
- WP4** Whip 6Ft 4 Wire



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PHOTOMETRICS

IES INDOOR REPORT

Photometric Filename: RG241-432ELODT.ies

Room Cavity Ratio (RCR)		Candela Distribution																			
		Effective Floor Cavity Reflectance 0.20																			
		80					70				50				30				10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
0	87	87	87	87	85	85	85	85	81	81	81	78	78	78	75	75	75	73			
1	80	77	74	71	78	75	73	70	72	70	68	69	68	66	67	65	64	63			
2	74	68	63	59	72	66	62	59	64	60	57	62	59	56	59	57	55	53			
3	67	60	54	50	66	59	54	50	57	52	49	55	51	48	53	50	47	45			
4	62	54	47	43	60	53	47	43	51	46	42	49	45	41	48	44	41	39			
5	57	48	42	37	56	47	41	37	46	41	37	44	40	36	43	39	36	34			
6	53	44	37	33	52	43	37	33	42	36	32	40	36	32	39	35	32	30			
7	49	40	33	29	48	39	33	29	38	33	29	37	32	28	36	32	28	27			
8	46	36	30	26	45	36	30	26	35	29	26	34	29	26	33	29	25	24			
9	43	33	27	23	42	33	27	23	32	27	23	31	26	23	30	26	23	22			
10	40	31	25	21	39	30	25	21	30	25	21	29	24	21	28	24	21	20			

Characteristics

Lumens Per Lamp	2850 (4 lamps)
Total Lamp Lumens	11400
Luminaire Lumens	8358
Total Luminaire Efficiency	73 %
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	108
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.81 ft
Luminous Width (90-270)	1.81 ft
Luminous Height	0.00 ft

IES INDOOR REPORT

Photometric Filename: RG221-2U32XELODT.ies

Room Cavity Ratio (RCR)		Candela Distribution																			
		Effective Floor Cavity Reflectance 0.20																			
		80					70				50				30				10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
0	79	79	79	79	77	77	77	77	73	73	73	70	70	70	67	67	67	66			
1	72	69	67	64	71	68	66	63	65	63	61	63	61	59	60	59	58	56			
2	66	61	57	53	65	60	56	53	58	54	52	55	53	50	54	51	49	48			
3	61	54	49	45	59	53	48	45	51	47	44	49	46	43	48	45	42	41			
4	56	48	43	39	54	47	42	38	46	41	38	44	40	37	43	40	37	35			
5	52	43	38	34	50	43	37	33	41	37	33	40	36	33	39	35	32	31			
6	48	39	34	30	47	39	33	29	37	33	29	36	32	29	35	32	29	27			
7	44	36	30	26	43	35	30	26	34	29	26	33	29	26	32	29	26	24			
8	41	33	27	24	40	32	27	23	31	27	23	31	26	23	30	26	23	22			
9	39	30	25	21	38	30	25	21	29	24	21	28	24	21	28	24	21	20			
10	36	28	23	19	35	27	23	19	27	22	19	26	22	19	26	22	19	18			

Characteristics

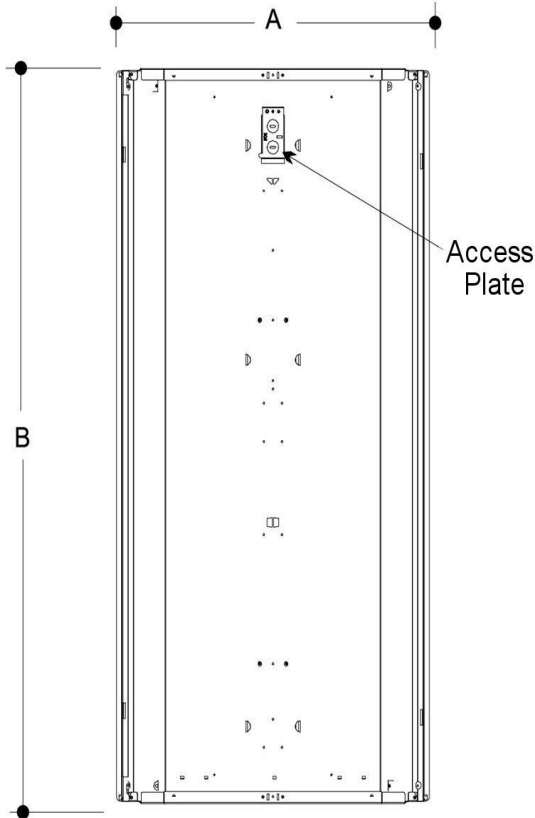
Lumens Per Lamp	2800 (2 lamps)
Total Lamp Lumens	5600
Luminaire Lumens	3701
Total Luminaire Efficiency	66 %
Luminaire Efficacy Rating (LER)	65
Total Luminaire Watts	57
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.80 ft
Luminous Width (90-270)	1.81 ft
Luminous Height	0.00 ft



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DIMENSIONS

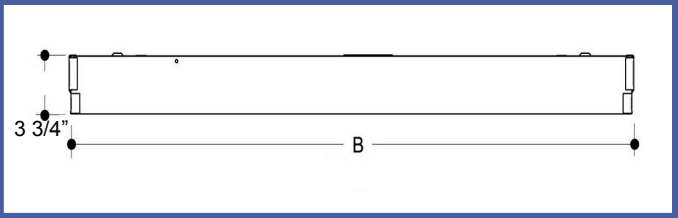
TOP VIEWS



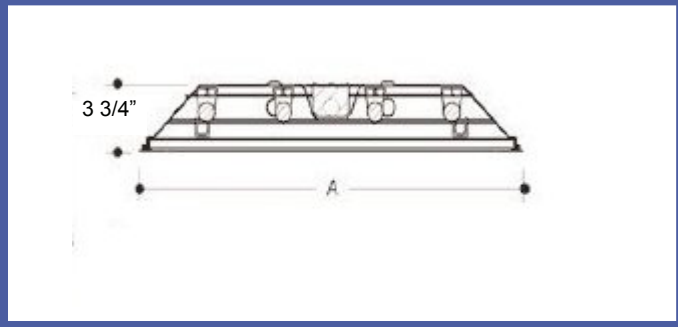
MODEL CONFIGURATION

	A	B
1' x 2'	12"	23 3/4"
1' x 4'	12"	47 7/8"
2' x 2'	23 3/4"	23 3/4"
2' x 4'	23 3/4"	47 3/4"

SIDE VIEW



END VIEW



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