

APPLICATIONS

Premium grade surface mounted ceiling luminaire with a limitless range of applications. For use in indoor applications where aesthetics and quality are important. Designed for schools, offices, commercial and public buildings.

FEATURES & BENEFITS

- ◆ Available in multiple lamp configurations
- ◆ Available for use with T5 or T8 lamps
- ◆ Clear .100 acrylic prismatic lens standard
- ◆ Exclusive "Light Lock" frame reduces light leaks
- ◆ Flush steel door with rotary action cam latches that hinges from either side for easy re-lamping
- ◆ Easy access plate for quick wiring
- ◆ Pre-lamp available
- ◆ Clean appearance with no exposed fasteners
- ◆ 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: SR2443232MV125B1

SR										
Series	Size		# Lamps	Lamp Type		Ballast Type	Lens		Options ^{1,2}	
SR	14	1x4	2	14	22" T5	MV	120 - 277V	Blank	A12 .100 thick lens	Options Page
Premium	22	2x2	3	17	24" T8	120	Electronic 120V	125	A12 .125 thick lens	
Surface Troffer	24	2x4	4	24	22" T5HO	277	Electronic 277V	156	A19 .156 thick lens	
			6	28	46" T5	R120	Resi Elec	CL	Clear .100 thick lens	
			per cross section	32	48" T8	PMV	Program Start	CL125	Clear .125 thick lens	
				54	46" T5HO			SW	Smooth White .100 thick lens	
				U32X	6" U bend T8 (2x2 Only)			NL	No Lens	
				U32Y	1 5/8" U bend T8 (2x2 Only)			NFL	No Frame and Lens	

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.

◆ 800-444-WATT ◆ www.mobern.com ◆
8200 Stayton Drive, Ste. 500. Jessup, MD 20794

CAT#

JOB NAME

TYPE

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

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)
- 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 MIRO4 Reflector
- WR** White Regress Door
- RA** Regressed Aluminum Door
- G** 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: SR241-432ELODT.ies

Candela Distribution																						
Effective Floor Cavity Reflectance 0.20																						
Room Cavity Ratio (RCR)	RW	80				70				50				30				10				0
		70	50	30	10	70	50	30	10	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: SR221-2U32XELODT.ies

Candela Distribution																						
Effective Floor Cavity Reflectance 0.20																						
Room Cavity Ratio (RCR)	RW	80				70				50				30				10				0
		70	50	30	10	70	50	30	10	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

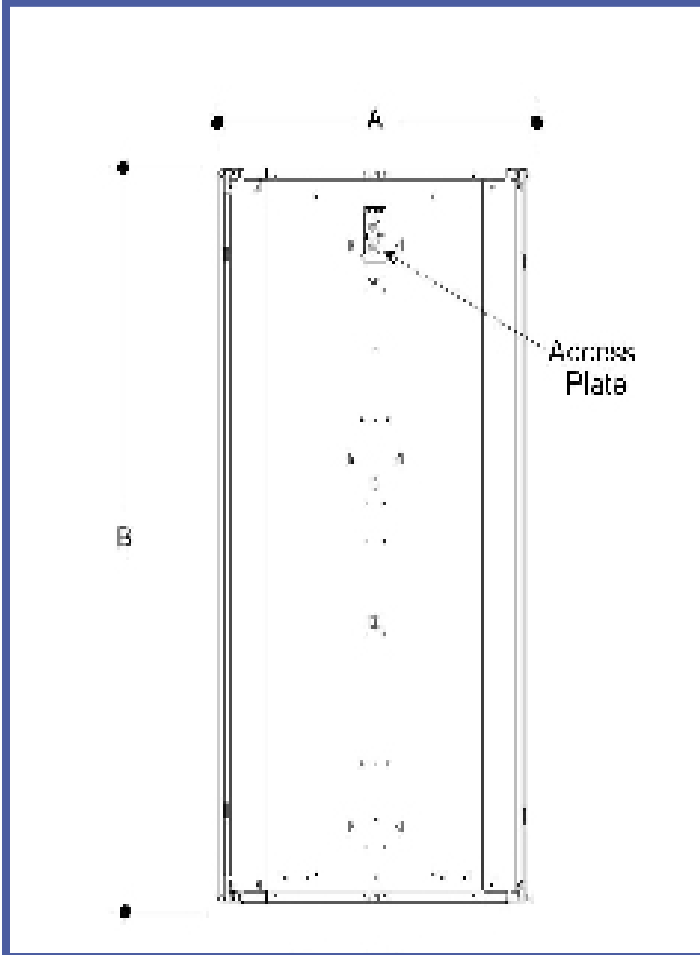
Lumens Per Lamp	2800 (2 lamps)
Total Lamp Lumens	5600
Luminaire Lumens	3701
Total Luminaire Efficiency	66 %
Luminaire Efficacy Rating (LER)	65
Total Luminaire Watts	57
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.32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



Dimensions and specifications subject to change without notice.

DIMENSIONS

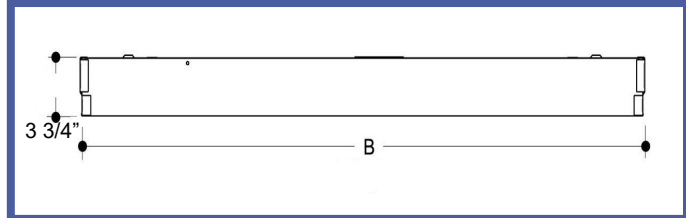
TOP VIEWS



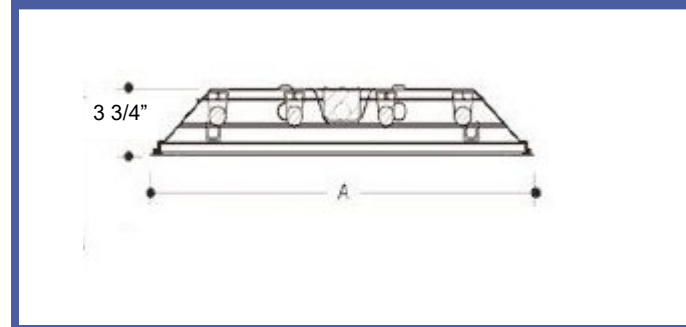
MODEL CONFIGURATION

	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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