

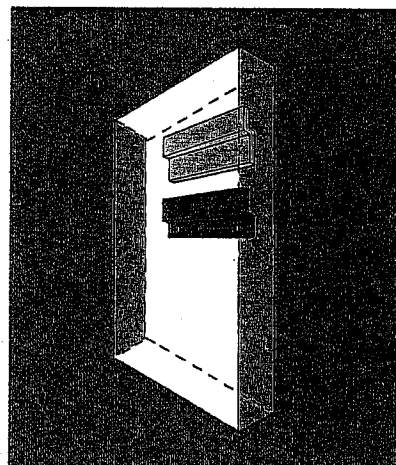
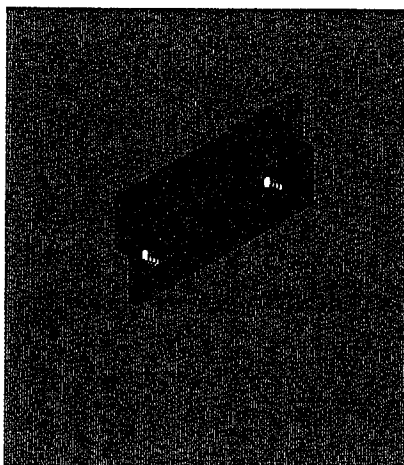
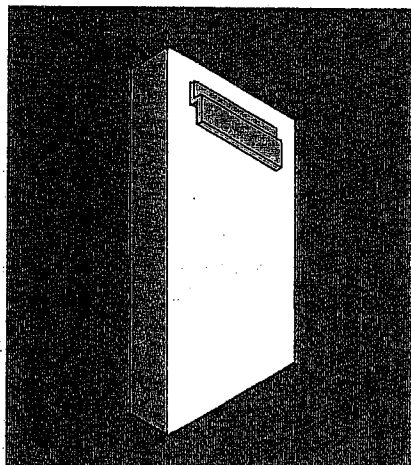
A Note Regarding Wolf's E-"Z" Bar™ Mounting System

The illuminators described in the previous pages come equipped with Wolf's E-"Z" bar, a fast easy and accurate surface wall mounting system unique to Wolf illuminators. Simply follow the two steps below to hang any size illuminator. If you are ordering a recessed model, see the recessed mounting instructions below, and the drawings on the back page of this brochure.

Note that the back of your illuminator already has an E-"Z" Bar welded on it

Take the wall E-"Z" Bar out of the box and using a level, mount it on the wall.

Place the illuminator E-"Z" Bar over the wall mounted bar, and you're done.



Summary Table

	Bulbs per 14 x 17" Viewing Area			Switches			Hosp Grade Plug	Roller Grip Film Retainer	"Z" Bar	Options		
	4	3	2	Cluster Switches	Auto Switch	Ind. Switches				Recessed Mounting	Additional Cluster Switches	Mobile Stand
TrimlinePlus HiLo	■	■	■	■	■	■	■	■	■	■	■	■
TrimlinePlus	■	■	■	■	■	■	■	■	■	■	■	■
Trimline III	■	■	■	■	■	■	■	■	■	■	■	■
Trimline	■	■	■	■	■	■	■	■	■	■	■	■
Trimline Basic	■	■	■	■	■	■	■	■	■	■	■	■

*An Auto Switch turns the illuminator on automatically when an x-ray is inserted into the gripper.

Technical Information

Construction

18 gauge C.R.S. body welded construction. Multi Panel Units are spot and heliarc welded assemblies from two panel to six panel units and can be tiered from a one over one to six over six units. Recessed models have a 16 gauge C.R.S. frame integrally welded to the assembly. Roller gravity film holder extends full length of unit. **Finish** Baked on white urethane-polyester powder coating.

Electric

Electrical supply: 120 volts, 60 Hz, 0.55 AMP for each 14 x 17" viewing area. Specify if direct wiring (recessed units) is required. Ballast: for two lamp Class P thermally protected .55 AMP 120V. 60Hz. UL & CSA Listed. Switches: All models, rocker style 3 position, on/off/automatic film activated for each viewing area. A master control switch is included on multiple models having a switch cluster (excl. the 2 over 2 model). Location of switches: top right for singles and bank units. Lower right for tiered units. Cord sets, 3 wire grounded are installed on lower right side of surface mounted unit. Recessed units have a 3 wire pigtail (12" long) on the lower right side of illuminator with 1/2" BX connector. NOTE: 6 bank and up must be on a dedicated line with a 25 AMP breaker.

Viewing Panel

Continuous length 1/8" thick translucent white shatterproof plexiglas. - Push up & pull out from bottom channel to remove.

Installation

A. For surface mount on stud walls, see the E-"Z" bar above. An electric receptacle 110V should be located near the area so line cord can be plugged in for power. **B. For recessed installation**, cut an opening in wall 1/2" larger than the overall size of illuminator bodies in length and height. Frame opening with 2x4s. Remove the left and right side reflectors from the illuminator assembly and drill two 3/16" dia. holes in the side of the body approx. 3" from top & bottom on both ends. Connect power line to the illuminator. Install assembly into the wall opening and fasten with #10 screws using the drilled holes, replace reflectors and glass. For walls other than stud construction, a wood frame should be inserted into wall to secure the illuminator assembly. Detailed recessing dimensions and drawing are on the back page of this brochure.

Lamps

15 watt fluorescent lamps...4 for Trimline Plus, Hi Lo and Trimline Plus, 3 for Trimline III, and 2 for Trimline and Trimline Basic per each 14 x 17 panel. **Lamps are included with each illuminator.**

Labels UL & CSA listed.

Wolf

ILLUMINATOR MANUAL

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Your Responsibility When Receiving Freight

1) STEPS TO TAKE AT TIME OF DELIVERY TO PROTECT AGAINST LOSS OR DAMAGE

- A. **Verify Count** - Make sure you receive as many cartons as are listed. If shortage is discovered, note how many cartons are short on carrier's receipt and have driver note the shortage on your copy.
- B. **Carefully Examine Each Carton for Damage** - If damage is visible, note this on the receipt and have the driver note on your copy. If carton appears contents may be damaged, insist it be opened and you and the driver make joint inspection of the contents. Any concealed damage discovered should be noted on the delivery receipt and on your copy, retain your copy.
- C. **Immediately After Delivery, Open All Cartons and Inspect For Concealed Damage** - Even though driver has left, all cartons should immediately be opened and the contents inspected for possible concealed damage.

2) STEPS TO TAKE WHEN CONCEALED DAMAGE IS DISCOVERED

- A. **Retain Damaged Items** - Damaged items must be held at the point where received. Containers and all inner packing materials must be held until an inspection is made by a carrier inspector.
- B. **Call Carrier or Wolf X-ray To Report Damage and Request Inspection** - Call should be placed immediately upon discovery of the damage. Put off no longer than 15 days after delivery. Failure to report concealed damage within 15 days will result in the carrier denying your claim.
- C. **Confirm Call In Writing** - For your protection we recommend that calls to the carrier be confirmed by writing.

3) STEPS TO TAKE WHEN CARRIER MAKES INSPECTION OF DAMAGED ITEMS

- A. **Have Damaged Items In Receiving Area** - Do not move damaged items from the receiving area prior to discovery of the damage. Allow inspector to inspect items, cartons, inner packing materials and freight bill. Be sure to retain your delivery receipt.
- B. **After Inspector Fills Out Inspection Report, Read It Before Signing** - If you do not agree with any facts or conclusions made on the inspector's report, do not sign. Unless repairs will be satisfactory, be sure the inspector requests replacement on the inspection report. A new item can be ordered only if the inspection report specifies "REPLACE".

4) STEPS TO TAKE AFTER INSPECTION HAS BEEN MADE

- A. **Continue To Retain Damaged Merchandise** - Even though inspection has been completed, damaged items cannot be used or disposed of without written permission from the carrier.
- B. **Do Not Return Damaged Items To Shipper** - Unless requested to do so.
- C. **Secure Receipt From Carrier If Damaged Items Are Picked Up For Salvage** - If you surrender damaged merchandise to a carrier for salvage, secure a receipt from the driver when it is picked up and retain that receipt.

Wolf X-Ray Corporation

Wolf Warranty

Wolf manufactured products are warranted, under normal use and service, to be free from defects in material and workmanship for a period of six months from the original date of shipment by Wolf. The evaluation, and determination to repair or replace defective part or parts, will remain the sole right of Wolf X-Ray. All repairs and replacements made under warranty are F.O.B. factory shipping point.

Purchaser's sole remedy for any defect is for repair or replacement pursuant to the foregoing.

Labor costs are not covered by this warranty, unless the product has been returned by the distributor to the Wolf factory, and the parts in question have proven to be defective as determined by Wolf. All freight costs associated with returning product to the factory must be prepaid. A Wolf return authorization number must be obtained prior to any enforcement of this warranty.

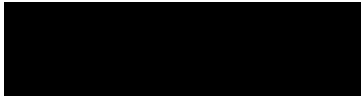
Product that has been improperly installed or altered in any way are not covered by this warranty.

Variable transformers, Ballasts, Switches, and plexiglass panels will be replaced providing notification of defect is received and confirmed by Wolf within 90 days of shipment.

This warranty is in lieu of all other warranties, express and implied, including warranties of merchantability and fitness for purpose.

Specifications shown were in effect at the time of the catalog preparation and are subject to change without notice.

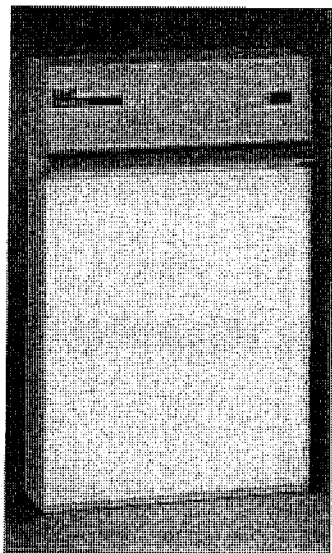
Contractor Information

- Installed by:
ISEC, Inc.
10601 Calle Lee, Suite 190
Los Alamitos, CA 90720

- Service Provided by Wolf X-Ray
Contact Customer Service for help at:
800-356-9729

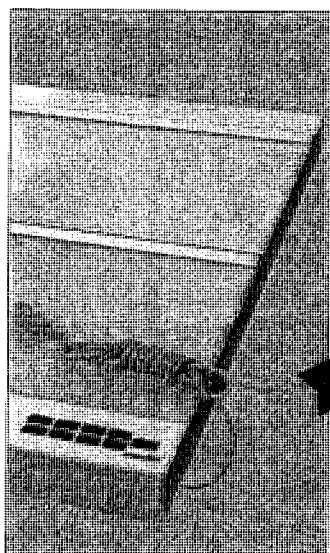
Wiring Information

- See Features on page 8 describing Electric Technical Information
- See cross section on page 9 for location of electrical components
- Unit was changed to hard-wire by Letter 5NLOBW/0147 dated June 22, 2001.
- Wiring information to be provided by Electrical Contractor

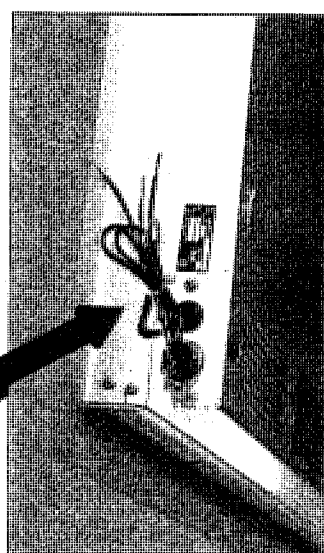
Wolf Trimline Illuminator Series Technical Specifications



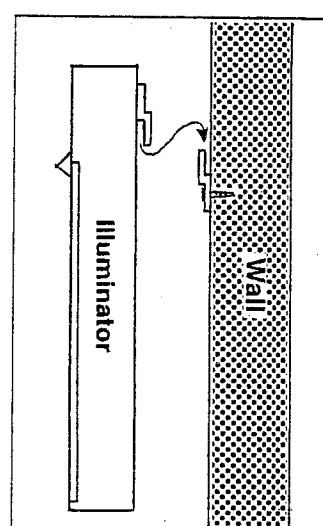
A single Trimline unit for wall mounting.



Inverted panels (top & bottom) and a cluster switch



Back corner view showing frame of a recessed unit and 3 wire pigtail.



A diagram illustrating The Wolf E-Z Bar from a side view. Simply mount one bar on the wall, and slip the illuminator bar over it..

Features

- 2 lamp 15 Watt Daylight F15T8D.
- Ballast 2 lamp, class P thermally protected 0.55 Amp, 120V, 60Hz, UL and CSA listed.
- 3 wire 8' line cord with ~~spark proof hospital grade plug~~ pigtail.
- Three-position rocker switch controls individual viewing panels on single through 6 in 1 bank units. All tier units (except 1 over 1 and 2 over 2) come standard with cluster switch controls for individual panel viewing and master on/off switch.
- Film activated on/off switch allows convenient and fast operation, conserves energy, eliminates distracting light from adjacent panels that are not in use, and minimizes heat.
- Wolf's unique E-Z Bar™ wall mounting system makes hanging your illuminator quick and accurate.
- Film held with roller gravity grip. Rollers are coated to prevent scratching the film.
- All housings are durable, welded all steel construction. Recessed units have integral welded frame.
- All metal surfaces finished in baked on white urethane-polyester powder coating.

Technical Information

Construction

18 gauge C.R.S. body welded construction. Multi Panel Units are spot and heliarc welded assemblies from two panel to six panel units and can be tiered from a one over one to six over six units. Recessed models require a Recessing Frame Kit. A frame that easily attaches to your illuminator - see stock numbers on the next page.

Electric

Electrical supply: 120 volts, 60 Hz, 0.55 AMP for each 14 x 17" viewing area. Specify if direct wiring (recessed units) is required. Ballast for two lamp Class P thermally protected .55 AMP 120V, 60 Hz, UL & CSA Listed. Switches: All models, rocker style 3 position, on/off automatic film activated for each viewing area. A master control switch is included on multiple models having a switch cluster (excl. the 2 over 2 model). Location of switches: top right for singles and bank units. Lower right for tiered units. Cord sets, 3 wire grounded are installed on lower right side of surface mounted unit. Recessed units require an electrician to remove the cord and hard wire the unit to a direct in wall power source. Note: 6 banks and up must be on a dedicated line with a 25 AMP breaker.

Viewing Panel

Continuous length 1/8" thick translucent white shatterproof plexiglass - Push up & pull out from bottom channel to remove.

Finish

Baked on white urethane-polyester coating.

Installation

A. For surface mount on stud walls, see the E-Z bar above. An electric receptacle 110V should be located near the area so line cord can be plugged in for power. **B. For recessed installation**, cut an opening in wall 1/4" larger than the overall size of illuminator bodies in length and height. Frame opening with 2x4s. Remove the left and right side reflectors from the illuminator assembly and drill two 3/16" dia. holes in the side of the body approx. 3" from top & bottom on both ends. Connect power line to the illuminator. Install assembly into the wall opening and fasten with #10 screws using the drilled holes, replace reflectors and glass. For walls other than stud construction, a wood frame should be inserted into wall to secure the illuminator assembly. Detailed recessing dimensions and drawings are on the back page of this brochure.

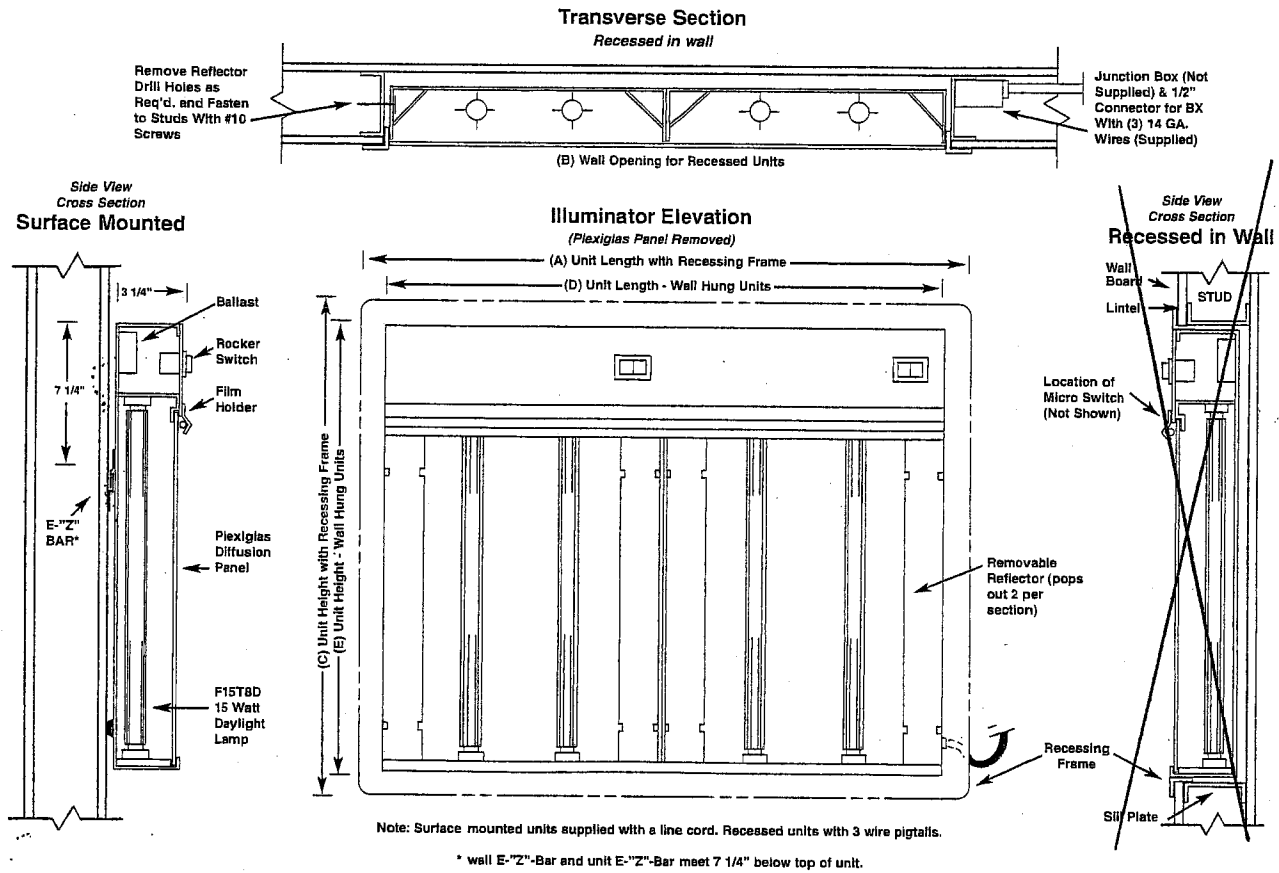
Lamps

Two F15T8D 15 watt daylight fluorescent lamps per each 14x17" viewing area, **lamps are included with each illuminator.**

Labels

UL, CSA listed and ISO 9001/EN46001 approved.

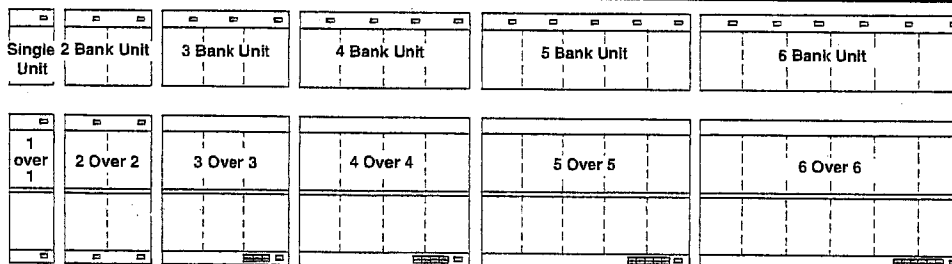
TRIMLINE



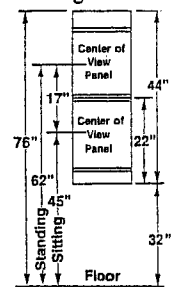
Letters reference drawing above which illustrates a 2 in 1 - Dimensions are in inches

				For Recessed Illuminators with Frames				For Wall Hung Illuminators	
Description		Stock #	Recessing Frame Stock #	AMPS	Unit Length (A)	Wall Opening Length (B)	Unit Height (C)	Unit Length (D)	Unit Height (E)
Bank Side by Side	Single Unit	21401	21701	0.5	17	14%	25	14	22
	2 in 1	21402	21702	1.1	31	28%		28	
	3 in 1	21403	21703	1.6	45	42%		42	
	4 in 1	21404	21704	2.2	59	56%		56	
	5 in 1	21405	21705	2.8	73	70%		70	
	6 in 1	21406	21706	3.3	87	84%		84	
Tier One Over Another	1 over 1	21411	N/A	1.0	17	14%	47	14	44
	2 over 2	21422	21722	2.2	31	28%		28	
	3 over 3	21433	21733	3.3	45	42%		42	
	4 over 4	21444	21744	4.4	59	56%		56	
	5 over 5	21455	21755	5.5	73	70%		70	
	6 over 6	21466	21766	6.6	87	84%		84	

Trimline Configurations Available



Mounting Locations



For further assistance call 800-356-9729