

Dolan-Jenner

industries

Operation Manual

Fiber-Lite[®]

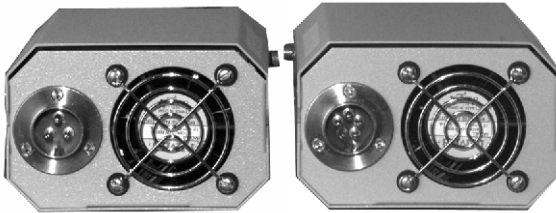
A240L / A241L

150 WATT FIBER OPTIC ILLUMINATOR LAMP MODULE

A Product of Dolan Jenner Industries

The A240L lamp module is designed for use with the Dolan-Jenner A240P series of power supplies. The A240L has a 3 pin connector for use with the A240P power supply cable.

The A241L lamp module is designed for use with the Dolan-Jenner A241P and A242P series of power supplies. The A241L has a 5 pin connector for use with the A241P and A242P power supply cables.

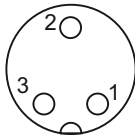


3 Pin
A240L

5 Pin
A241L

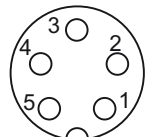
Connector Pin Assignments

| Pin | Signal |
|-----|-------------------|
| 1 | Fan (+) |
| 2 | Lamp / Fan Return |
| 3 | Lamp (+) |



Connector Pin Assignments

| Pin | Signal |
|-----|------------------------------|
| 1 | Lamp (+) |
| 2 | Lamp Return |
| 3 | Cable Shield(Chassis Ground) |
| 4 | Fan (+) |
| 5 | Fan Return |



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978-681-8000, FAX: 978-682-2500, 1-800-83-FIBER,

<http://www.dolan-jenner.com> 05-530015-0000 Rev. B 10/00



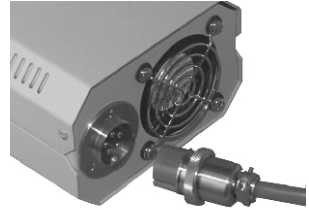
WARNING

Hot Surfaces. Remove power plug before lamp replacement and wait for hot lamp to cool.

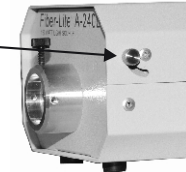


LAMP REPLACEMENT

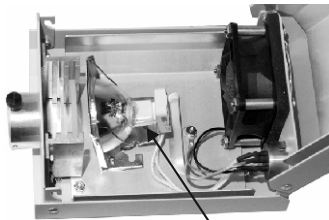
1. Allow lamp and unit to cool before attempting to change the lamp.
2. Unplug cable from back of unit by rotating the screw collar on the cable connector then, holding connector body, pull the cable connector from the unit.
3. Loosen the 2 brass screws located on the front of the top cover.



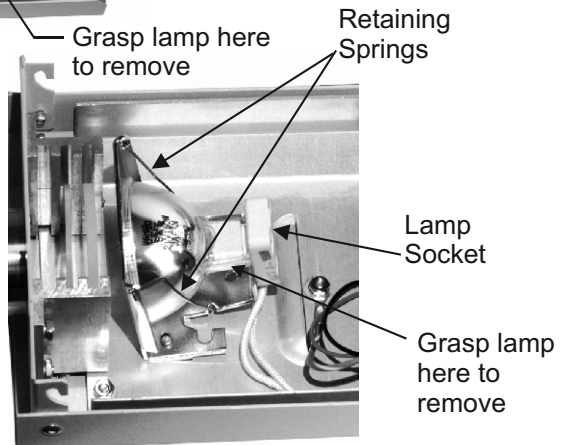
4. With the screws loosened, rotate the top cover locks downward in the slots in the cover.



5. Open the top cover.

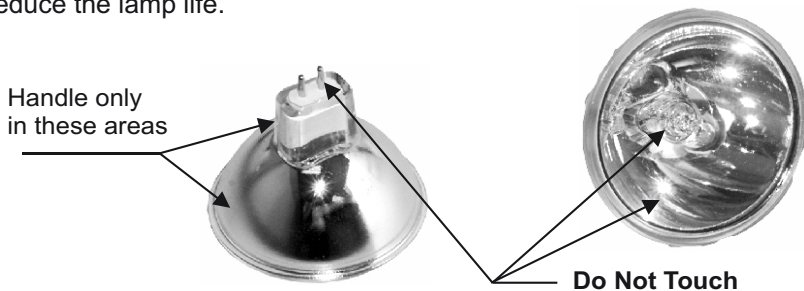


6. Firmly grasp the lamp and slide it up from behind the spring retaining springs.



7. Remove the lamp from the lamp socket by holding the lamp in one hand and socket in the other and gently rocking the socket until the lamp comes free. Do not use any tools to pry the socket from the lamp.

8. Discard the old lamp.
9. Remove the new lamp from its box being careful not to touch the lamp pins, the inside of the reflector or the inner bulb. Touching these areas will significantly reduce the lamp life.



10. Insert the pins of the lamp firmly and completely into the holes of the lamp socket.
11. Slide the connected lamp into the lamp holder and behind the retaining springs.
12. Close the top cover, rotate the cover locks upward and tighten the 2 brass screws.
13. Reconnect the cable and the unit is now ready for use.

REPLACEMENT PARTS

| Part No. | Description |
|--------------|-------------------|
| 686009-02468 | EKE, Halogen Lamp |

LIFETIME WARRANTY ON LIGHT SOURCES

Dolan-Jenner Industries, Inc. (DJI) warrants its products to be free from defective material and workmanship. Any light source or parts thereof which are determined by DJI to be defective within ten years (average product life cycle) from shipment date will be replaced or repaired at our option. This policy is effective Nov. 1, 1993 and is not retroactive. All fiber optics are warranted for one year. This warranty specifically excludes both incandescent and quartz-halogen lamps, and optical filters.

Any products which, in our opinion, have been subjected to misuse, incorrect wiring, or where installation procedures are not in accordance with the instruction manual, are excluded from this warranty. Nor does this warranty extend to products on which repairs or alterations have been made outside the factory, or on which the identification or serial number has been altered or to accessories not of our manufacture.

Our obligation with respect to products or parts covered by this warranty shall be limited to repair or replacement, F.O.B., Lawrence, Massachusetts. In no event shall DJI be held liable for consequential or special damages, or for transportation, installation, adjustment, or other expenses which may arise in connection with such products or parts. This warranty is in lieu of all other statements or warranties or guarantees, written or implied, by DJI or its authorized representatives.

Important: Please contact factory for a return authorization number prior to shipping merchandise to factory.

SPECIFICATIONS:

| | <u>A240L</u> | <u>A241L</u> |
|-----------------|---------------------|---------------------|
| Lamp Voltage | 0-21V | 0-21V |
| Lamp Type | EKE | EKE |
| Lam Power (max) | 150 W | 150 W |
| Fan Voltage | 12 VDC | 12 VDC |
| Fan Current | 160 mA | 160 mA |

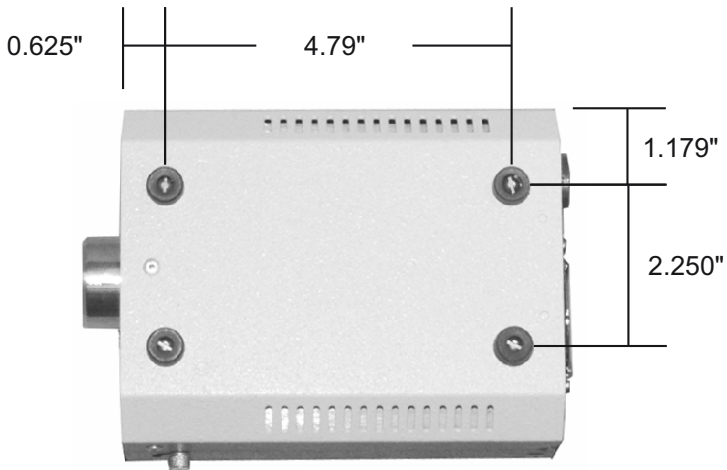
Fiber Optic Connection 1.0 in Ø max 1.0 in Ø max

Dimensions

6.125 in L x 4.75 in W x 3.00 in H
15.56 cm L x 12.07 cm W x 7.62 cm H

Weight

2.02 lbs / .916 kg



NOTICE: if the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

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