



## Recessed Troffer (RT) Germicidal Fixtures

### American Ultraviolet Recessed Troffer Germicidal Fixtures

are manufactured to meet ultraviolet requirements for environments that include hospitals, pharmaceutical manufacturing facilities, clean rooms and laboratories, among others.

### Applications

For germicidal applications, RT fixtures are available with two or four high-intensity germicidal ultraviolet lamps.

For germicidal/illumination applications, American Ultraviolet combines ultraviolet germicidal lamps with fluorescent white lamps in one fixture, and individual ballasting provides selective switching without the need for separate fixtures.

**RT Series Fixtures** are constructed of die-formed one-piece steel heavily embossed laterally and horizontally for maximum rigidity. Highly reflective aluminum, and recessed housing with a hinged door that incorporates the optical egg-crate louvers, combine for a modern appearance and enhanced germicidal ultraviolet protection. The door is held closed by two inconspicuous finger-operated metal slide latches. Die-formed embossments under the ballast housing are designed for maximum heat dissipation. Type E Recessed Troffers are for exposed grid ceilings, while Type M Recessed Troffers are for plaster ceilings.

### Benefits

- Direct air and surface sterilization of DNA-based contaminants
- Mounts flush with lay-in ceiling grid or plaster ceilings
- 2' x 4' units can use two fluorescent and two germicidal lamps, or four germicidal lamps per fixture
- 1' x 4' unit uses two germicidal lamps
- Spectrally-polished reflectors maximize UVC output
- "Egg-crate" louver allows UVC energy to pass, while reflecting additional energy for an even footprint

**Type E  
RT-36-4G**



# Recessed Troffer Germicidal Fixtures

## RT ELECTRICAL CHARACTERISTICS

### Voltages

118 Volt, 50/60 Hz  
220 Volt, 50/60 Hz  
277 Volt, 50/60 Hz

### Reflector

Specular Aluminum

### Ballasts

Class P; No PCB  
UL-approved

## UVC Operating Room Equipment "Package"

Ask about our Complete UVC Operating Room Equipment "Package"



## GERMICIDAL

Model Number	Lamps Required	U.V. Watts	Dimensions (Nominal)
RT-36-2G	(2) GML005	29.6	24"x48"x4.25"
RT-36-4G	(4) GML005	59.2	24"x48"x4.25"

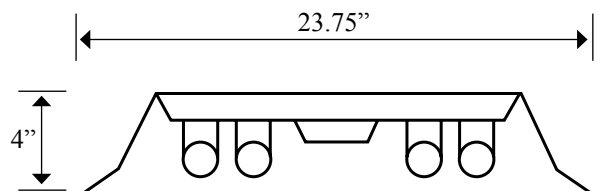
## GERMICIDAL/ILLUMINATING

Model Number	Lamps Required	U.V. Watts	Dimensions (Nominal)
RT-36-2G/2CW	(2) GML005 (2) F40T12	29.2	24"x48"x4.25"

## INSTALLATION TABLE

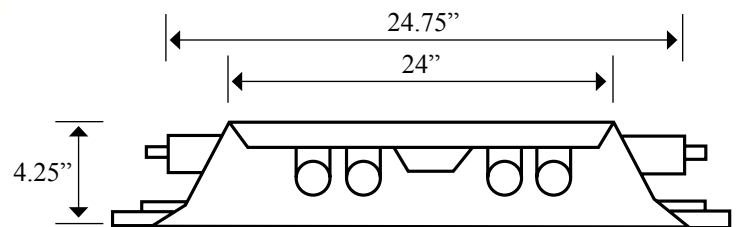
Ceiling Height	Fixture Required
UP to 9.5'	(1) RT-36-2G per 75 square feet <b>OR</b> (1) RT-36-4G per 125 square feet
9.5' - 11'	(1) RT-36-2G per 50 square feet <b>OR</b> (1) RT-36-4G per 100 square feet
11' - 14'	(1) RT-36-2G per 40 square feet <b>OR</b> (1) RT-36-4G per 70 square feet

Install RT-36-2G/2CW per factors shown for RT-36-2G



**Type E**

Exposed Grid "Lay In" Ceiling



**Type M**

Mechanical or Plaster Ceiling  
Plaster Frames (Optional)

**Represented by:**



**American Ultraviolet®**

Since 1960. It's all we do.

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Factors are presented for American Ultraviolet fixtures only and American Ultraviolet reserves the right to alter dimensions for design and efficiency improvement without prior notice.

Prolonged, direct exposure to UVC light can cause temporary skin redness and eye irritation, but does not cause skin cancer or cataracts. American Ultraviolet systems are designed with safety in mind and, when properly installed by a professional contractor, do not allow exposure to UV irradiation and allow for safe operation and maintenance.

This fixture incorporates lamps that emit ultraviolet radiation that can be harmful to eyes and skin. Precaution should be taken to ensure that personnel are not exposed to direct or reflected radiation. Always turn the power off before cleaning, or re-lamping.