

# Fusion UV<sup>®</sup> C6/C10

## Wire & Cable Curing Systems

Attachment for Excelitas  
Fusion UV Lamp Modules

# Fusion UV<sup>®</sup>



Model C6-2 shown with  
the I301M lamp module.



Model C10-1 shown with  
the I600M lamp module.

# Introduction

## Fusion UV® C6/C10 wire & cable curing systems attachment for Excelitas Fusion UV lamp modules

The Model C6 and C10 light shields attach to the lamp systems to provide a complete high efficiency UV curing system for coatings or marking on wire or cable. They are ideal for use with high speed inkjet marking of cable jacketing.

### Principle of Operation

The light shield holds a half-elliptical reflector. It and the irradiator reflector form a full ellipse with the UV bulb located at one focus. The target wire or cable enters a square shield extension and passes through the highly focused zone of UV. Small diameter wire is illuminated entirely around its circumference. Larger cable is illuminated over a large portion of its surface on the lamp side.

### Construction

The light shield separates at the wire line allowing easy access for service or “threading.” Either side may be mounted permanently so that the other side is removable. The body attaches directly to the lamp housing; no modification of the lamp is required. It will operate in any position.

### Air-Cooled

Together, the lamp blower and an exhaust blower provide push-pull air cooling. The resulting pressure in the light shield is slightly negative, drawing in “make-up air” to further cool the system and to prevent any flow of volatile materials or odors into the work area.

# Specifications: Wire & Cable Curing Systems

## TWO C6 AND C10 MODELS ARE AVAILABLE

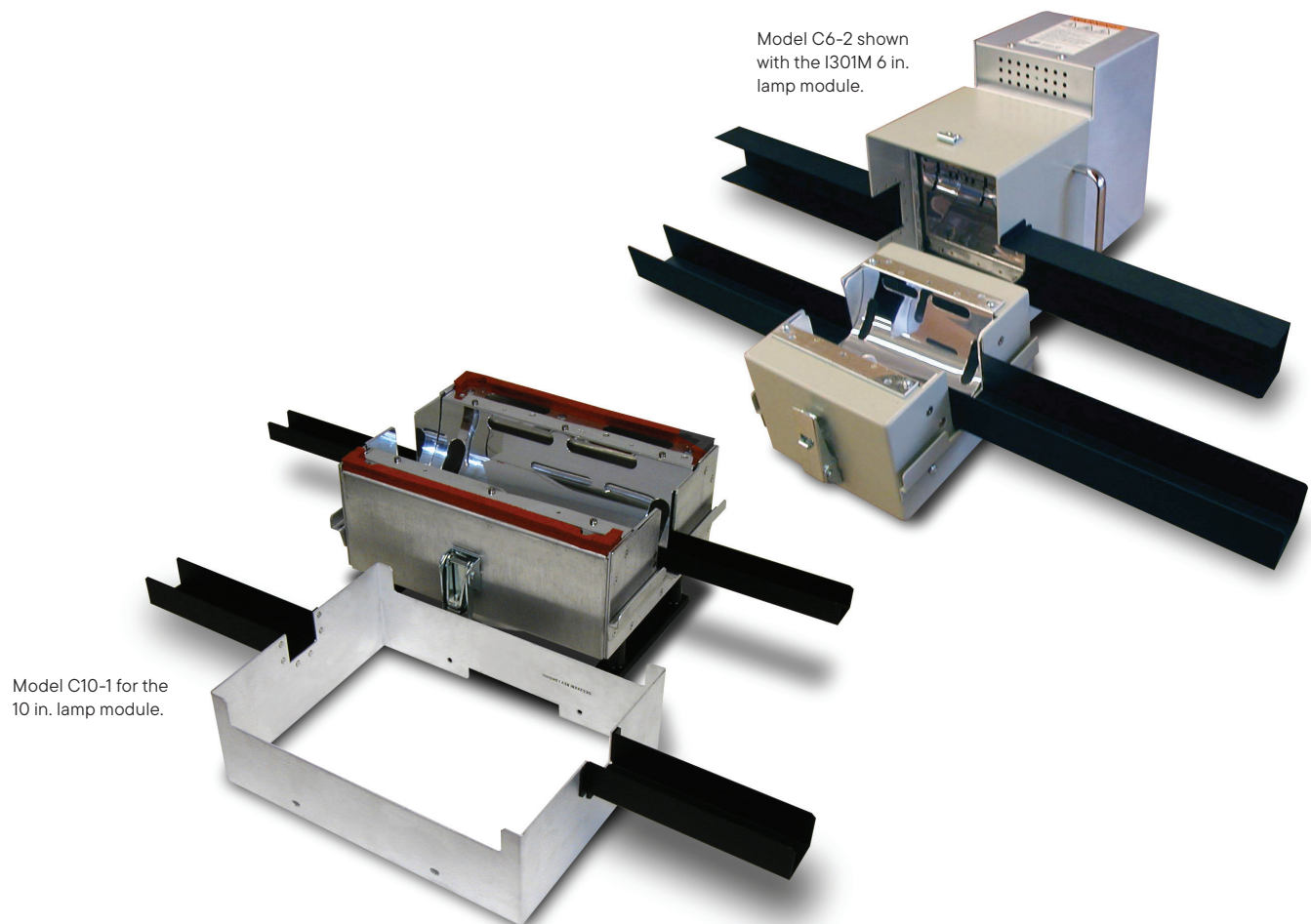
### One-Inch Opening (C6-1 and C10-1)

25.4 mm (1 in.) square shield extensions, 152.4 mm (6 in.) long. Accepts smaller wire diameters.

### Two-Inch Opening (C6-2 and C10-2)

50.8 mm (2 in.) square shield extensions, 304.8 mm (12 in.) long. For larger wire diameters.

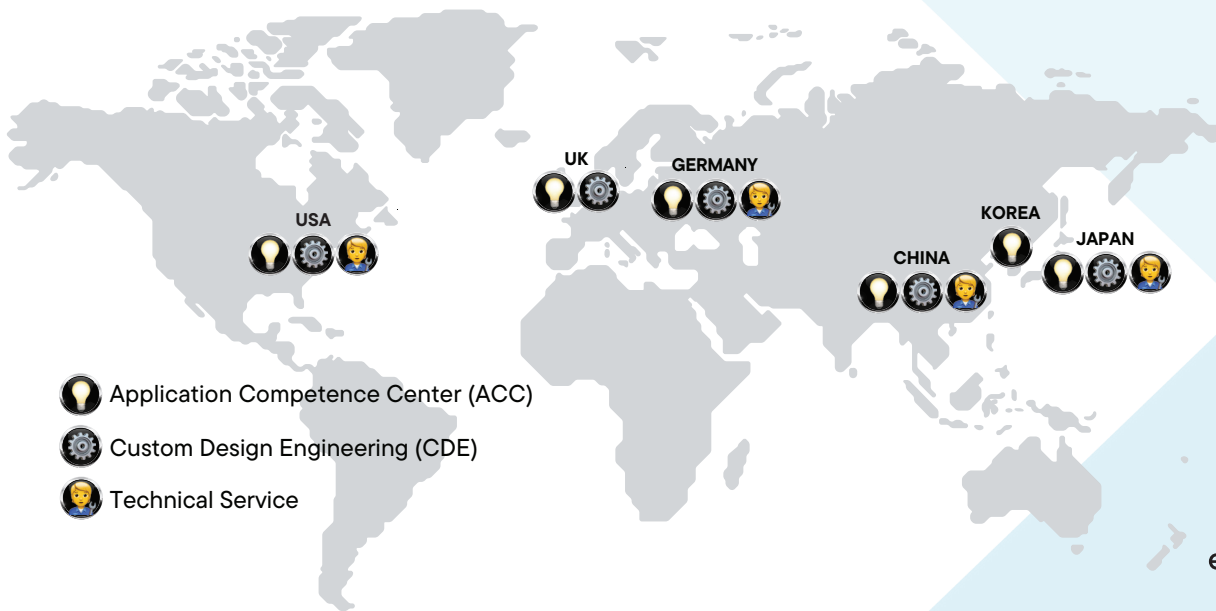
Lamp system and blowers sold separately.



Contact your local Excelitas Fusion UV office for an engineered solution for your specific requirements.

Lamps contain mercury. Manage in accordance with local, state or federal disposal laws.

## Success Factor: Regional teams close to our customers



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