

## Laboratories - Case Study

### ROTALUX Injects New Light into Weston Medical's Needle-Free Operations

Suffolk-based biotech innovations company Weston Medical Ltd has developed Intraject, a radical new British invention for giving injections without needles. Tipped to revolutionise worldwide clinical practice, Intraject has been awarded Millenium Product status by the Design Council.

#### Their requirements:

Weston's state of the art laboratories at Stradbroke needed the very best in glare and flicker-free lighting, whilst providing a sterile, dust free environment for the production of the world's first pre-filled needle-free injector.

ROTALUX sealed against ingress by dust and water, with a unique plug-in system allowing for off-site maintenance and cleaning provides the ultimate in good-looking medical/health/laboratory



lighting. The ROTALUX range is flexible, dimmable, easily rotated by hand to provide lighting for a variety of tasks, and may be fitted with emergency packs to safeguard personnel and production.

## Laboratories - Case History

### Our Design Solution:

To light the large open laboratory area, the ROTALUX solution was to mount high frequency, wide angle luminaires on both ceilings and wall to be used primarily in the 'down lit' mode allowing maximum illuminance on the preparation areas below.

In the smaller inspection rooms, wide angle ROTALUX was again ceiling mounted but turned in the 'up lit' mode whilst close focus wall mounted units were fitted for flexibility. Microscopes, spectrometers and monitors may all be used in this space without interference from glare or flickering.

### Their response to ROTALUX lighting:

Terry Weston (MD), as an innovator seeking the best for his business, chose ROTALUX for:

**Style** – *“the Hi- Tech environment is enhanced by clean, sleek light units”*

**Safety** – *“instant start with no flicker important where machinery is used”*

**Energy Efficiency** – *“maximum brightness per watt of energy input”*

**Adjustability** – *“enables optimum illumination – either background, diffused or higher intensity for good resolution for precise manual work.”*

**Plug-in fittings** – *“allows easy maintenance away from sterile areas”*

