



HiLED
LIGHTING

...Custom Designed for Savings

High Intensity Hi-LED™ Light Engine Provides Cost Saving Advantages Over Halogen Technology

The SLEX Hi-LED Series illuminators offer lower overall cost of ownership than halogen lamps. Longer lamp life, 35,000 – 40,000 hours vs. 1,000 – 2,000 hours for halogen, requires less bulb replacement. This results in savings on lamp costs; cost of labor to replace bulbs; and downtime. Unlike halogen bulbs, Hi-LED lamps have no filament so shock and vibration will not affect lamp life or cause premature failure. Hi-LED lamps do not generate the excessive heat that a 100 watt halogen lamp does. Hi-LED technology runs cool and can operate continuously without overheating the electronics and burning out the lamp.

Hi-LED fixtures also reduce costs by making maintenance easier. The extended lamp life of Hi-LED Series reduces the inconvenience and nuisance factor of replacing burned out lamps, especially when they are difficult to access. The Hi-LED fixture housing does not transmit heat into the sight glass or vessel, eliminating the negative effect heat may have on some applications. Hi-LED fixtures emit uniform, bright, white light that offers an excellent view of the vessel, making them ideal for use with video camera monitoring systems.

- ★ Extended lamp life reduces operating costs
- ★ 35,000 – 40,000 hour lamp life vs. 1000 – 2000 hours for halogen
- ★ Robust Technology – vibration, heat, dust, and surface oil resistant
- ★ Ideal for use with video camera monitoring systems
- ★ No Excessive Heat
 - Continuous operation
 - No heat transmission into sightglass or vessel
 - Less heat generation than a 100 watt halogen bulb

Power Supply & Light Engine

LED Array

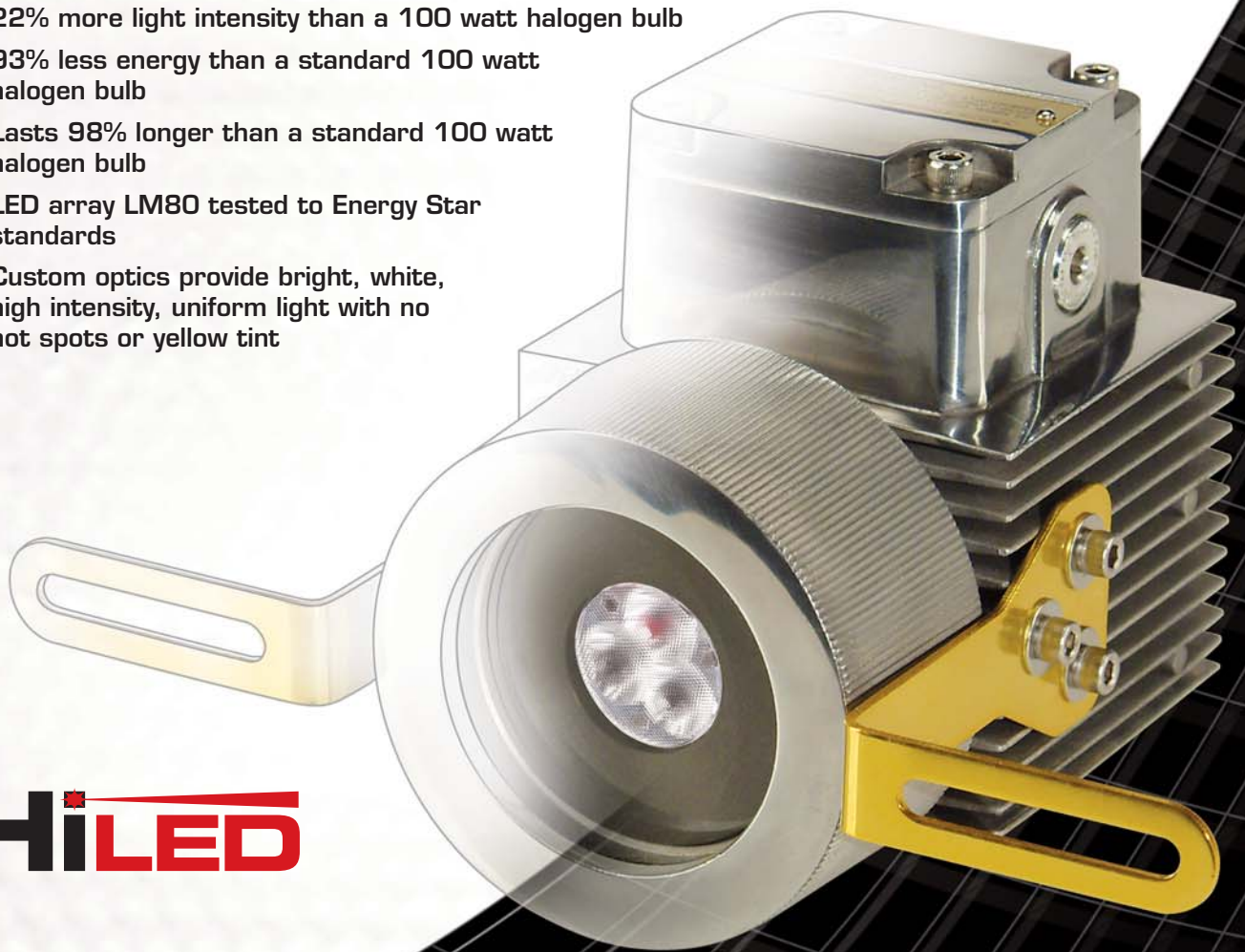
Optics



Custom Designed, Energy Efficient, Compact Hi-LED™ LED Array Meets LM80 Energy Star Standards

Hi-LED Series lighting is not an “off-the-shelf” LED bulb. It was custom designed for the SLEX-... to include features that save energy, provide uniform light, and extend the life of the lamp to reduce overall operating costs. The heart of the unit, the LED array, has been LM80 tested and is approved for the Energy Star program. State-of-the-art optics control the light in a specific uniform pattern, eliminating the hot spots and yellow tint that halogen bulbs produce.

- ★ Twice the light at 1/3 the wattage of other LED fixtures
- ★ 22% more light intensity than a 100 watt halogen bulb
- ★ 93% less energy than a standard 100 watt halogen bulb
- ★ Lasts 98% longer than a standard 100 watt halogen bulb
- ★ LED array LM80 tested to Energy Star standards
- ★ Custom optics provide bright, white, high intensity, uniform light with no hot spots or yellow tint



HiLED

Extend Lamp Life and Save on Operating Costs with **Hi-LED™ Series Technology—Retrofit or Install New**



**Series SLEX-100
and REX-100**

Compact, Explosion-Proof Light UL-844 and C-U2/CSA C22.2 Listed to Provide Lighting and Viewing Through a Single Port

- ★ Fixture can be relamped without removing unit from sight port or disturbing electrical connections
- ★ Provides bright, white, brilliant illumination
- ★ Long life – 35,000 – 40,000 hour lamp life
- ★ Unaffected by vibration, dust, or surface oil
- ★ Continuous operation without overheating



Series MSL-Hi-LED

Bright, Long Lasting, Heavy Duty, Corrosion Resistant, UL Listed Light Features Most Advanced LED Technology Available

- ★ UL 1571 Listed, NEMA 4X Design for nonhazardous locations
- ★ Mini Sightlight features heavy wall T304 SST housing and gasketed joints
- ★ Low heat output and transmission allows continuous operation
- ★ Consumes less power than a 100 watt halogen bulb
- ★ Features a bright, white light