driverLESS
EXPLOSION-PROOF
LED LIGHTING

hazardous LOCATION LED

Driver-less Technology – Information Sheet | **AC-LED** (Driver-less) vs **DC-LED** (Driver-based)

The Allures of Driver-Less LED Lighting is cost and simplicity.

The majority of commercial/industrial LED Lighting currently in the market are Driver-based, however an increasing number of manufacturers are embracing and implementing driver-less technology.

AC-LED (Driver-less)	**DC-LED** (Driver-based)
ADVANTAGES	**ADVANTAGES**
• Smaller and lighter • Efficiency in balance • Increased conversion efficiency with minimal loss • Chain connectivity without problem • Flicker-free LED light output • Higher operating temperature • More economical	• Flexibility of input voltage • Defined brightness • Higher luminous efficacy
DISADVANTAGES	**DISADVANTAGES**
• Designed for specific input voltage • Limited brightness • Reduction of luminous efficacy	• Overall increase in size and weight • Location affecting weight & balance • Poor conversion efficiency due to electricity loss • Additional heat generation • Added cost

DRIVERLESS Explosion-Proof Hazardous Location LED Lighting

Solas Ray™ LED Lighting Driver-Less Lineup.technology.

Click icons for more information.

SOLAS RAY™ LIGHTING

Solas Ray Lighting™ is a Division of Continental Manufacturing LLC | 1524 Jackson Street, Anderson, IN 46016
Phone: 765-298-8030 | Fax: 765-622-0697 | www.solasray.com