

APPLICATION BRIEF

GENERAL INDUSTRY

● **NEC** 410.73 (F)(5)
 ● **OSHA** 1926.56
 ● **ANSI** C78.387

Woodhead® Packaged Portable Stringlights from Molex Are Ready-To-Go, Right Out of the Box, Saving Time and Labor Costs

Our unique “Lamp-It-In-The-Box” package design allows the lamps to be inserted off-site, and the package transported handily to the worksite for fast, easy installation.

Business Challenge: Lighting Temporary Worksites. Providing adequate lighting at temporary job sites – whether a residential or commercial construction site, an automobile sales lot, temporary maintenance site, or even a street fair or carnival – should not be a major challenge for contractors and maintenance managers. Too often however, they cannot find a ‘plug-and-play’ solution to make the job easier and end up with jury-rigged solutions or portable lighting products that are poorly made and unreliable. To avoid this situation, contractors should always ask for Woodhead® brand packaged stringlights by name. For decades, Woodhead® products have provided contractors and distributors with innovative, flexibly designed portable lighting solutions to meet a wide range of construction and maintenance project needs. Woodhead packaged stringlight sets are reliable, convenient, easy on the budget, and amazingly simple to install.

Solution: Innovative “Lamp-It-In-The-Box” Package Design. Most contractor stringlights are made of 14 gauge wire and are either molded style with round cable, or an assembled style with flat cable. Most come coiled within a box containing cables and guards that need to be assembled, often by a licensed electrician at the worksite, before the lights can be strung up. To save time and labor costs, Woodhead offers the 302SRL and

5000 Series of packaged stringlights in our unique “Lamp-It-In-The-Box” package. In this innovative design, the stringlights come fully assembled with guards installed and facing upwards in the box – allowing the lamps to be inserted off-site and the package to be re-closed and transported to the work site. At the site, an easily removable insert in the box folds open, revealing a carrying handle, and the string cable is neatly fed into the two sides of the insert for easy installation along the area to be illuminated. Woodhead portable stringlights feature lamp guards made of premium high-temperature polypropylene. Each large cross-section cage has sequential snaps around its circumference and a latch for added security. This ensures that the lamp stays centered within the guard and will not be subject to proximity heating, so long as proper lamp sizes are used. All Woodhead portable stringlights are UL and CSA certified for temporary lighting applications.

Woodhead Product #302SRL is an assembled-type economy stringlight available in 100-ft. lengths and featuring 12 gauge jacketed wire. The heavier gauge wire allows more strings to be ‘daisy-chained’ together than can be linked with 14 gauge wire, thus enabling more light to be generated from a single power source. A NEMA 1-15 Watertite® plug is included.

Woodhead Product #5000 is a molded stringlight designed for more demanding applications or for use in areas accessible to the public and on-site personnel. It features 100 feet of #14-2 SJTW cable and Alcrym® molded sockets – a Melt Processible Rubber compound that provides superior thermal characteristics, abrasion and chemical resistance and UV protection. Each socket is rated to 200 Watt lamps. Also available for economy installation is:

Woodhead Product #202SRL, a #14-2 temporary stringlight cable in 100-ft. lengths, all within a compact package design.

400-Watt High Bay Light – An economical and highly efficient temporary lighting fixture

suitable for use at construction sites, warehouses, loading docks, temporary job sites or staging areas. The easy-to-mount, high-output metal halide lamp provides clear, clean light output of 36,000 initial lumens at 4200° Kelvin color rendering. It meets OSHA 1926.56 requirements for minimum illumination of work areas when properly installed and mounted 15-ft. above 40’x40’ and 60’x60’ bays. It also complies with NEC 2005 410.73(F)(5) and ANSI C78.387 to ensure worker safety. Its multi-voltage style ballast operates on power supplies available at most job sites and an open-air design allows the lamp to cool efficiently and operate at optimum temperatures. The lamp’s rugged construction and heavy-gauge welded and plated guard provides superior durability and protection in even the toughest environments. It is compliant to the Energy Independence and Security Act of 2007.

Benefits and ROI: Affordable Packaged Stringlights for Every Budget. Only Molex offers such a diverse range of contractor-friendly packaged stringlight solutions designed to provide ample lighting that can help to enhance safety, efficiency and productivity in harsh, demanding environments.



To learn more about Woodhead® electrical products and solutions, call your Molex representative today or call 1-800-225-7724 or visit www.woodhead.com

