

Installation Instructions – Divide Wall Wavestream
 Instructions d'installation – Wavestream mural divisé
 Instrucciones de instalación de la luminaria Divide de Wavestream

 **WARNING**



Risk of Fire, Electrical Shock, Cuts or other Casualty Hazards- Installation and maintenance of this product must be performed by a qualified electrician. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved.



Risk of Fire and Electric Shock- Make certain power is OFF before starting installation or attempting any maintenance. Disconnect power at fuse or circuit breaker.



Risk of Fire- Minimum 90°C supply conductors.



Risk of Burn- Disconnect power and allow fixture to cool before handling or servicing.

Risk of Personal Injury- Due to sharp edges, handle with care.



Failure to comply with these instructions may result in death, serious bodily injury and property damage.

DISCLAIMER OF LIABILITY: Cooper Lighting Solutions assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

IMPORTANT: Read carefully before installing fixture. Retain for future reference.

NOTICE: Green ground screw provided in proper location. Do not relocate.

NOTICE: Fixture may become damaged and/or unstable if not installed properly.

Note: Specifications and dimensions subject to change without notice.

ATTENTION Receiving Department: Note actual fixture description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packing must be retained.

INSTALLATION

2',4',8', CONTINUOUS

Removing Fixture from Packaging

Ensure "THIS SIDE UP" is visible and packaging is oriented in the designated direction.

Using CLEAN work gloves, carefully lift fixture out of packaging materials while holding on to opposite ends of fixture.

Plastic lens cover must remain on fixture until construction debris is no longer present. (Figure 1.)

Note: Avoid contact with lenses.

Remove Cover Plate

Remove access plate by removing two fasteners. Set access plate and fasteners aside for re-installation later. (Figure 2.)

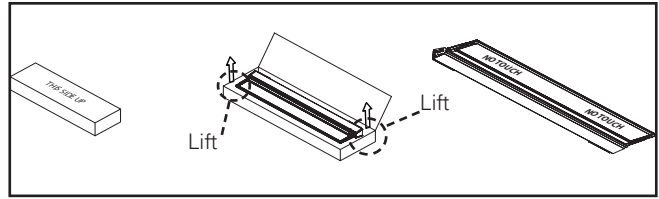


Figure 1.

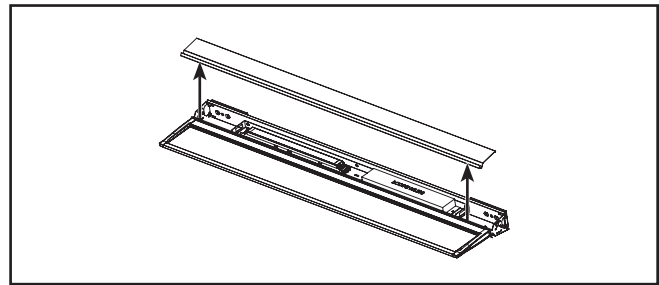


Figure 2.

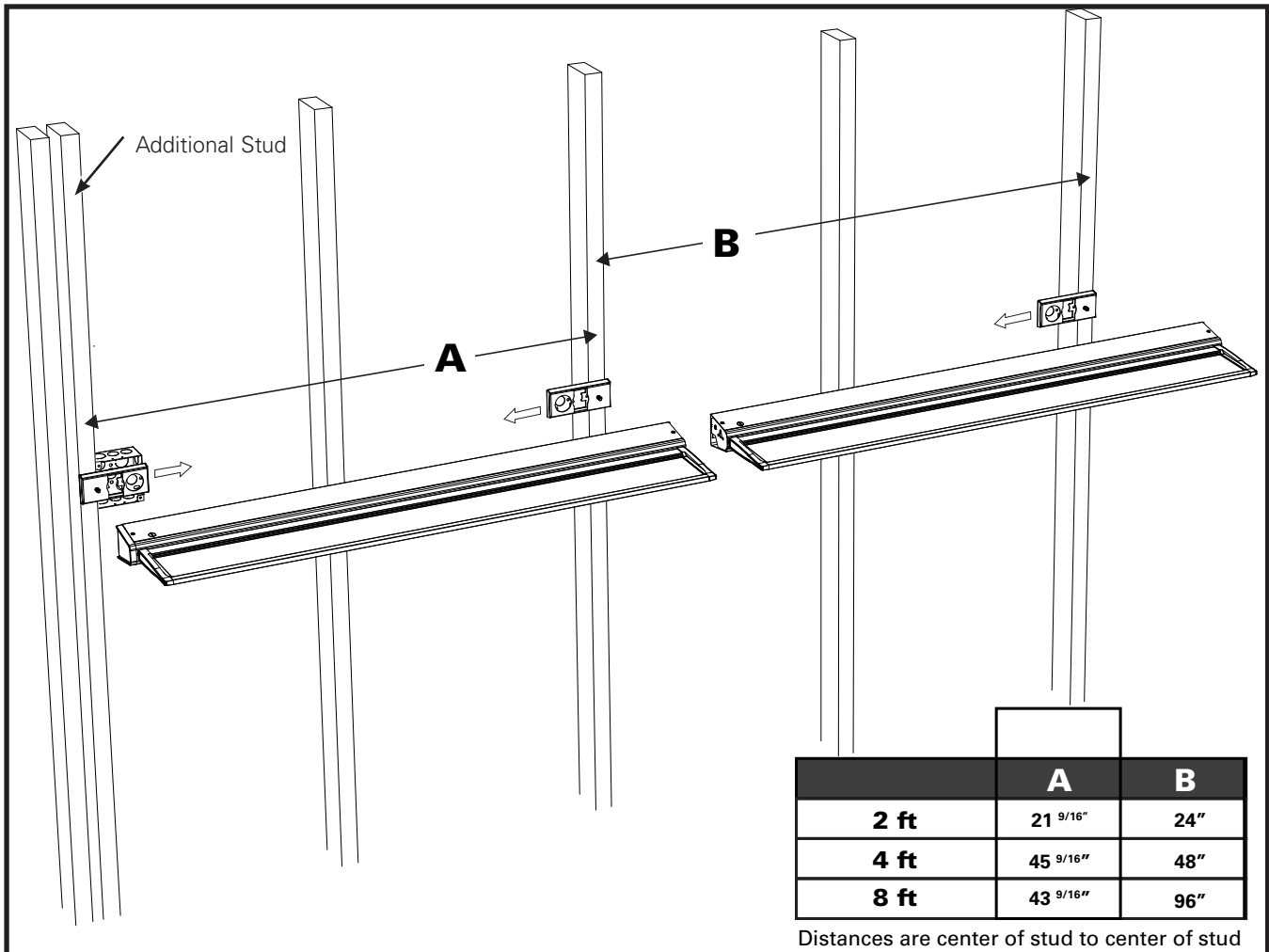


Figure 3.

INSTALLATION

Individual Fixture Mounting

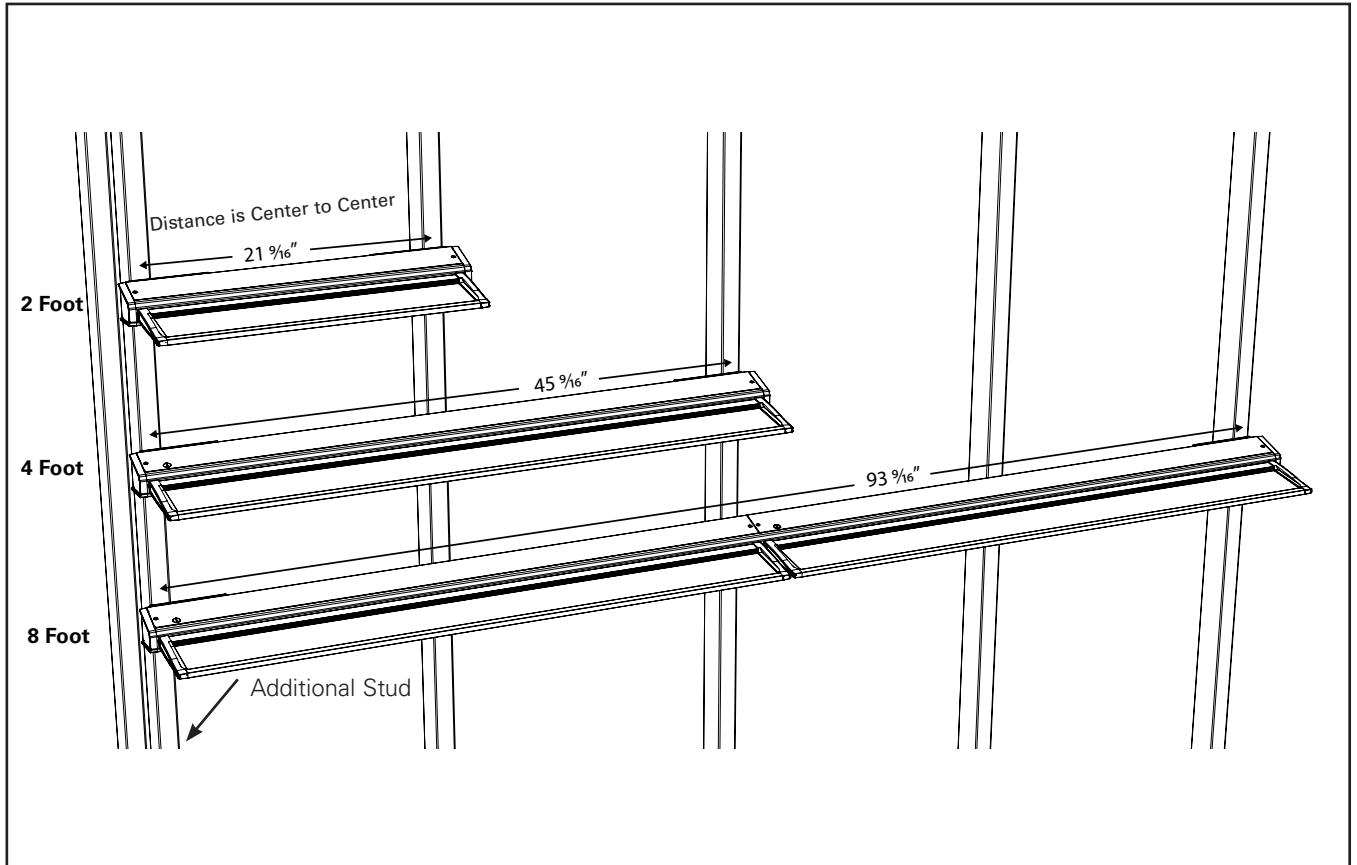


Figure 4.

Installation Instructions – Divide Wall Wavestream

Wall Brackets at J-Box

After installing additional structure and securing J-Box at appropriate mounting height, secure mounting bracket to stud. Feed power wires through bracket. Insert alignment plate into mounting bracket and loosely secure nut. (Figure 4.)

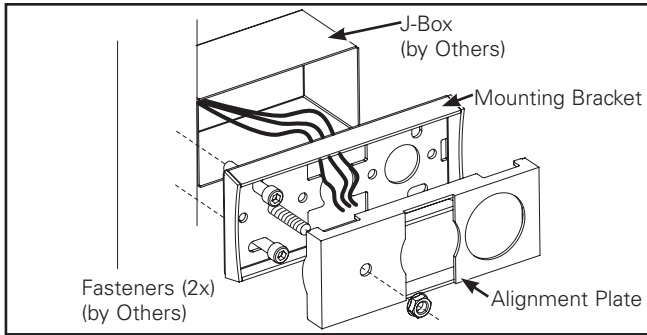


Figure 5.

Additional Support Wall Brackets

Install second mounting bracket to structure. Bracket faces opposite direction of first installed bracket. See Table (A) for distances from bracket stud to bracket stud. Ensure bracket is level with first installed bracket. Secure alignment plate and loosely secure nut. (Figure 5.)

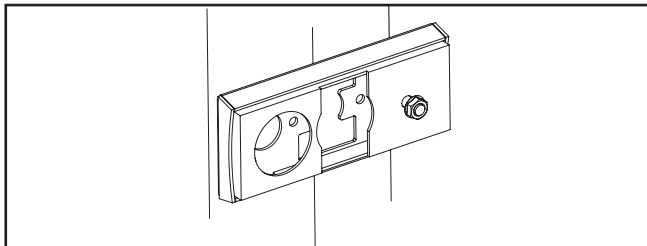


Figure 6.

Power Feed

On power side, remove both knock-outs on back of Fixture housing. Snap bushing into knockout and feed wires into fixture. Fixture can't over nut and hang until final positioning. (Figure 7.)

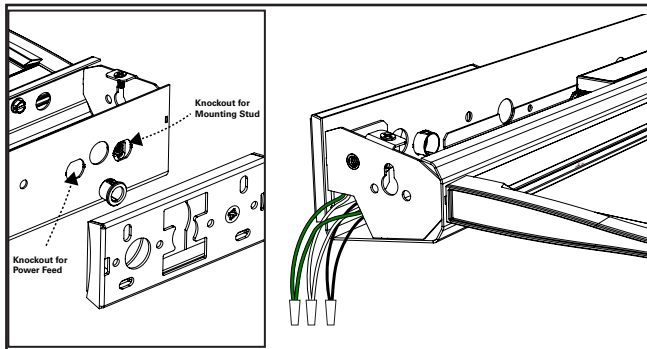


Figure 7.

Non-Power Mount

On opposite side of fixture, slide fixture over nut on mounting plate and tighten around aligner plate as shown. (Figure 7.)

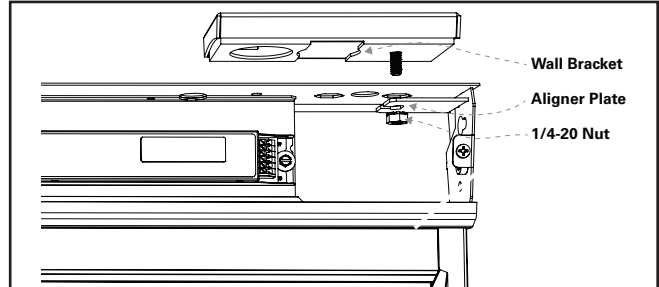


Figure 8.

Wiring

Using supplied push nuts, match and connect appropriate wires. Ensure all connections are properly matched and push connections into fixture. (Figure 9.)

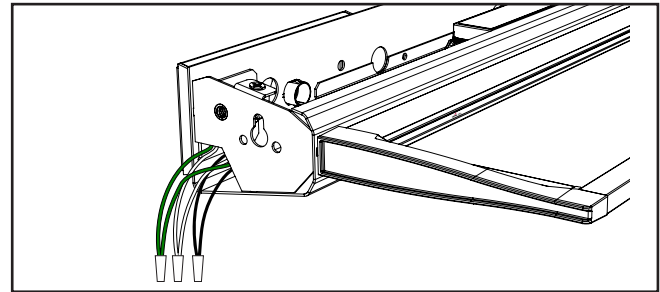


Figure 9.

Aligner Plate

At fixture ends, break aligner plate at relief cuts and carefully insert into fixture. Tighten nut and secure fixture to mounting plate. Use pliers and gloves for safety. (Figure 10.)

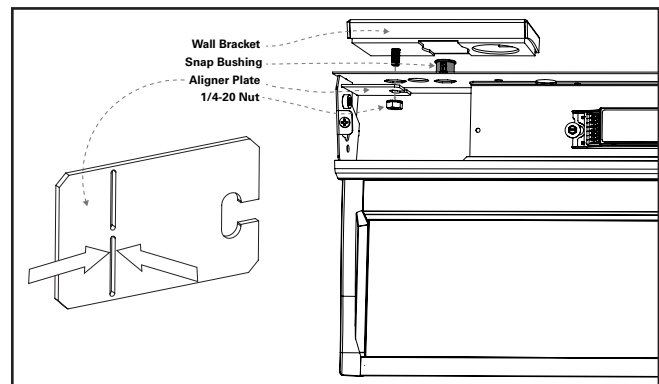


Figure 10.

Continuous Joints

Insert provided screw into the end of the fixtures to be joined leaving 2 inches of screw exposed (Figure 11.)

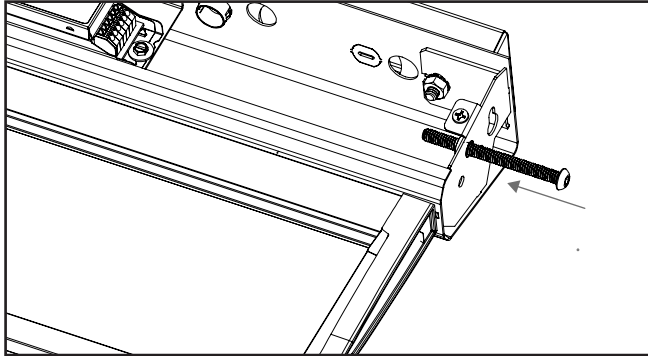


Figure 11.

Place the exposed screw head from each adjoining fixture into the keyed slot on the adjacent fixture and allow the fixtures to hang from the screws (Figure 12).

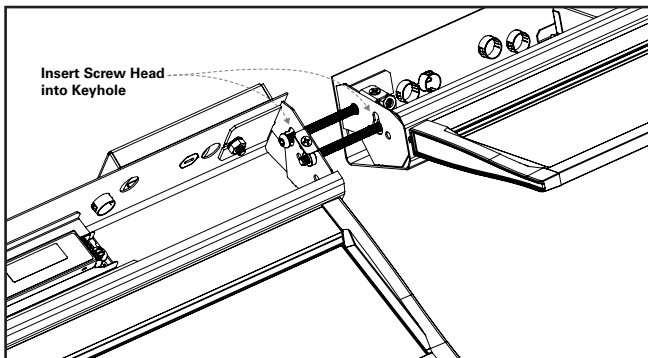


Figure 12.

While there is a gap between fixtures, complete wiring using the provided wire nuts and push wiring into fixture (Figure 13).

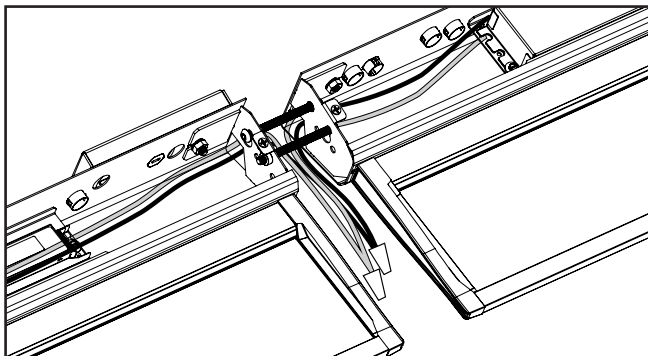


Figure 13.

End Caps

Install End Caps using one (1) #10-32 fastener. (Figure 11.)

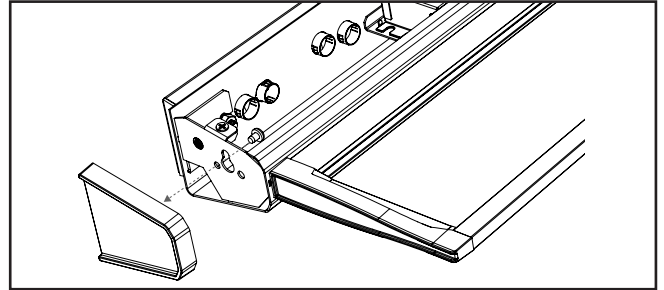


Figure 14.

Access Cover

Re-install access plate by with provided fasteners. (Figure 12.)

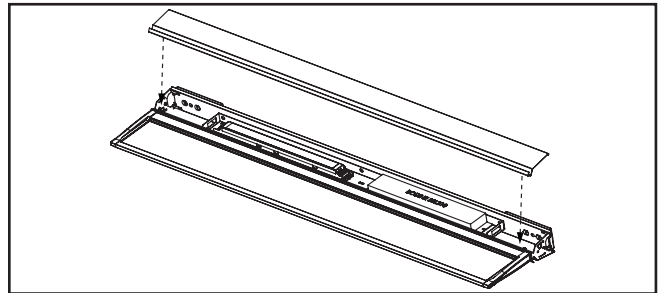


Figure 15.

Fixture Maintenance/Cleaning

Always follow recommended cleaning and handling procedures when cleaning the WaveStream™ lens. It can be permanently damaged if cleaned or handled improperly.

Care and Cleaning

Before cleaning a WaveStream™ lens, take time to inspect the surfaces carefully in order to determine the type and severity of the contaminants. The process of cleaning the lens can result in damage to the optical surface if repeated multiple times.

For WaveStream™ lens with multiple contaminants, the order in which they are removed can be important. For instance, if a WaveStream™ lens is contaminated with oil and dust, it is possible that wiping the oil off first will scratch the optical surface as the dust is dragged along the surface by the wipe.

Blowing Off the Surface of an Optic

Dust and other loose contaminants should be blown off before any other cleaning technique is employed. Using compressed air over the entire lens is recommended to prevent static buildup.

When using compressed air, hold the can upright throughout the procedure. Also, start the flow of air with the nozzle pointed away from the lens. Hold the can approximately 6" from the optic and use short bursts. Move the nozzle of the compressed air can over the optic with the nozzle at a grazing angle to the optical surface in a constant one-way direction. Due to the non-contact and solvent-free nature of this cleaning method, it should be used as a first step in cleaning all optics.

Additional Cleaning Methods

Fingerprints and large dust particles can be removed by gently wiping the surface with a clean microfiber cloth. If additional cleaning is required a mild solution of distilled water and Dawn® dish soap (between 1:20 and 1:10 parts Dawn to distilled water, respectively) could be used to wash the lens. The WaveStream™ lens should not remain wet any longer than necessary to remove the contaminants. Dry off surface with deionized air. Avoid pooling of water as that tends to leave streaks on the optical surface. This method is only recommended as a last resort as it increases the risk of damaging the lens.

Note: Avoid any organic solvents. In addition, avoid any cleaning products including ammonia, ketones, window cleaners, or other alcohol based cleaners and solvents containing thinners, acetone, benzene and tetrachloride.

Warranties and Limitation of Liability

Please refer to www.cooperlighting.com for our terms and conditions.

Garanties et limitation de responsabilité

Veillez consulter le site www.cooperlighting.com pour obtenir les conditions générales.

Garantías y Limitación de Responsabilidad

Visite www.cooperlighting.com para conocer nuestros términos y condiciones.

FCC Statement

• This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

Note: The equipment has been tested and found to comply with the limits for a **Class B** digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off an on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

Cooper Lighting Solutions
18001 East Colfax Avenue
Aurora, CO 80011
P: 303-393-1522
www.cooperlighting.com

© 2020 Cooper Lighting Solutions
All Rights Reserved
Printed in USA
Imprimé aux États-Unis
Impreso en los EE. UU.
Publication No. ADE141246
Rev Date: October 2014



Cooper Lighting Solutions is a registered trademark. All trademarks are property of their respective owners.

Cooper Lighting Solutions est une marque de commerce déposée. Toutes les autres marques de commerce sont la propriété de leur propriétaire respectif.

Cooper Lighting Solutions es una marca comercial registrada. Todas las marcas comerciales son propiedad de sus respectivos propietarios.