Carlon Curved lid

J-Box

Anyone who's worked with parking lot light poles knows the problem. Those tiny integral hand holes for electrical wiring can really slow a project down. But now there's a better answer for shopping centers, car dealerships, sport arenas, office complexes or anywhere you need pole lighting for large parking lot areas – the Carlon nonmetallic curved lid J-Boxes.

Carlon curved lid J-Boxes meet NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12, 13 ratings. They are available in sizes 8 in. x 8 in. or 12 in. x 12 in. Both the base and lid are made from PVC to eliminate rust and corrosion and are supplied with tamper-resistant screws.

Designed specifically for use with 24 in. diameter concrete piers, J-Boxes are installed, along with all necessary conduit and fittings, when piers are poured. This gives installers a giant junction box at the base of every pole to ease wiring, facilitate circuit management, and provide easy post-installation maintenance. Just take a closer look and you'll see why our nonmetallic J-Boxes are a better choice for you.

Features and benefits:

- NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12, 13
- CSA Certified
- Printable lid
- Dividers available to separate high and low voltage and can be retrofitted into existing applications
- Lids provide locations to mount weatherproof covers:
  - 8" x 8" – one location
  - 12" x 12" – three locations
- Nonconductive and noncorrosive
- Designed for a 24" diameter concrete pier

Carlon Curved lid

J-Box

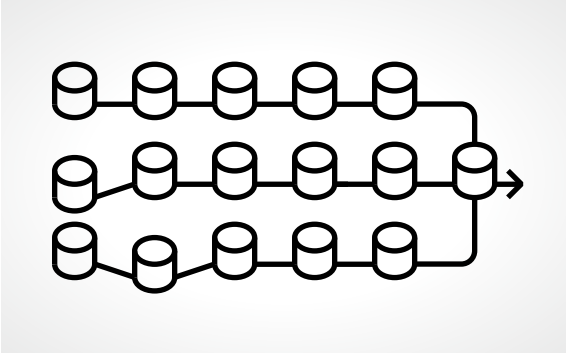
Faster, easier wiring for greater productivity
Once your J-Boxes are installed, you can speed projects along by pre-wiring before poles arrive. Or, you can install poles first and use them to mount cable-pulling equipment – a particular advantage for long, difficult wire pulls. Of course, all the extra hand room our J-Boxes offer makes splicing much easier and faster than working through cramped pole-access holes.

More flexibility, fewer home runs and easier maintenance
Extra room also gives you splicing space for options like zone lighting or to reduce the number of home runs, which can lower trenching and associated materials costs by up to 30%.

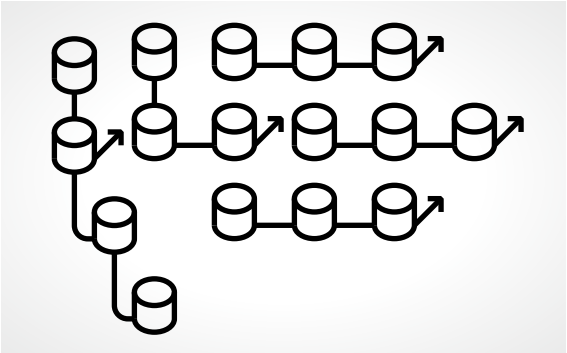
In addition, the box lids provide locations to mount receptacles and weatherproof covers for even more flexibility. For easy maintenance, fixture protection can be placed at the base, and if need be, poles can even be removed and replaced in the middle of the circuit without affecting overall lighting.

01 Site lighting plan with J-box

02 Site lighting plan without J-box



01



02

03 J-box, with all conduit and fittings placed as desired, is temporarily attached to the concrete form – base and lid inside.

04 Remove form after concrete has been poured and allowed to cure.

05 Pop off the J-box lid, leaving an 8" x 8" x 4" or 12" x 12" x 4" access area, depending on the J-box selected.

06 After wiring is completed, the lid is replaced to complete the installation.

Easy to install

03

04

05

06

Carlon Curved lid

J-Box

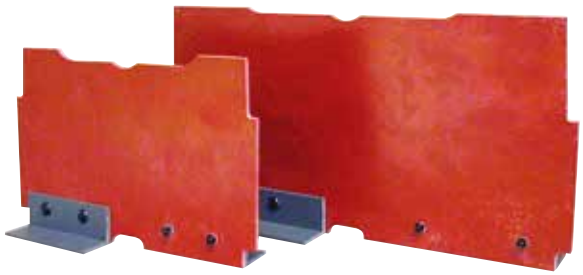
J-Box assemblies

Cat. No.	Size (in.)	Std. Ctn.	Std. Wt. (lb)
E88C24	8 x 8 x 4	6	28.3
E1212C24	12 x 12 x 4	2	9.7

Accessories

Replacement lids

Cat. No.	Size (in.)	Std. Ctn.	Std. Wt. (lb)
E88L24	8 x 8	1	2.1
E1212L24	12 x 12	1	2.3



J-Box dividers are used to separate high- and low-voltage devices and solvent cement into place.

Dividers

The Canadian Electrical Code (CEC) allows electrical conductors to share an outlet box when the conductors and communication cables are separated by a barrier withing the box.

Cat. No.	Std. Ctn.	Std. Wt. (lb)
E88DIV (For use with Cat. No. E88C24)	6	2.1
E1212DIV (For use with Cat. No. E1212C24)	2	2.3