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Carlton®

Carlton® Non-Metallic Junction Boxes

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Carlton® Non-Metallic Junction Boxes

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Overview

To give you a better way to install parking lot lights, we started at the bottom.

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, sports arenas, office complexes or anywhere you need pole lighting for large parking lot areas — the Carlton® non-metallic curved lid J-Boxes.

Carlton® curved lid J-Boxes are listed in accordance with UL 50 specifications for Electrical Enclosures as well as NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12 and 13 ratings. They are available in sizes 8" x 8" or 12" x 12". Both the base and lid are made from PVC to eliminate rust and corrosion, and both are supplied with tamper-resistant screws.

Designed specifically for use with 24" 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 non-metallic J-Boxes are a better choice for you.



Install Carlton® Weatherproof Covers



Features

- NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12, 13
- UL Listed and CSA Certified
- Paintable 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

NOTE: The J-Box can also be installed in concrete piers from 18" to 36" in diameter. Contact your Carlton® Sales Rep for installation details.



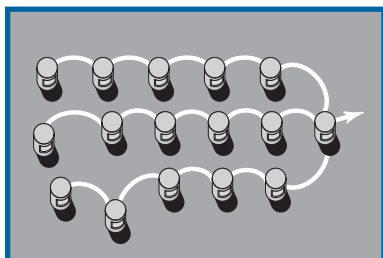
Faster, easier wiring for greater productivity.



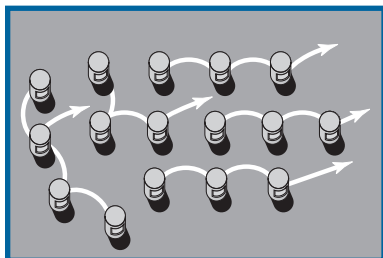
Once your J-Boxes are installed, you can speed projects along by pre-wiring before poles arrive. Or, you can install poles first and use them to mount cable-pulling equipment — a particular advantage for long, difficult wire pulls. Of course, all the extra hand room our J-Boxes offer makes splicing much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

More flexibility, fewer home runs and easier maintenance, too.

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.



Site Lighting Plan with J-BOX



Site Lighting Plan without J-BOX

Easy to Install



- 1** J-Box, with all conduit and fittings placed as desired, is temporarily attached to the concrete form — base and lid inside.



- 2** Remove form after concrete has been poured and allowed to cure.



- 3** 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.



- 4** After wiring is completed, the lid is replaced to complete the installation.

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Specifications and Accessories

J-Box Assemblies

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E88C24	8 x 8 x 4	6	28.3
E1212C24	12 x 12 x 4	2	9.7



 LISTED
E108856
  LR31146
Except where
noted by ♦

Accessories

Replacement Lids



CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E88L24	8 x 8	1	2.1
E1212L24	12 x 12	1	2.3

Dividers

The **National Electrical Code® (NEC)** allows electrical conductors to share an outlet box when the conductors and communication cables are separated by a barrier within the box.



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

CAT. NO.	STD. CTN.	STD. WT. (LBS.)
♦ E88DIV (For use with CAT. NO. E88C24)	6	2.1
♦ E1212DIV (For use with CAT. NO. E1212C24)	2	2.3