

Assembly Guide

Reach 4700 Series Accessories



Thank you for using Tempest accessories for your Philips Color Kinetics Reach fixture – please follow these setup instructions carefully to get the most out of your investment in the world’s best LED light – and the world’s best LED lighting accessories!

Start out with an accessory holder or kit - it screws securely to the front of any Reach fixture. Choose from Architectural or Production style:

Production Accessory Kits

Designed to turn any Reach fixture into a true location light, these kits come complete with accessory holder, with stainless steel spring latch and accessory safety bond, tubular steel yoke and all mounting hardware.

Part Numbers covered:

- | | |
|---------|---|
| 4700.TR | TR Location Kit |
| 4700.TD | TR Location Kit with provision for Data Enabler |
| 4700.TX | TR Location Kit with Data Enabler installed |

Note: The 4700.TX price includes wiring the Data Enabler, but the Data Enabler itself must be purchased separately.



*Top: 4700.TR
Location Kit,
assembled on Reach
fixture*



*Bottom: 4700.TX,
rear view, showing
Data Enabler*

Assembly

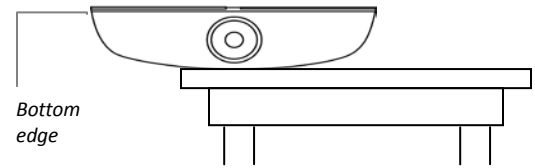
- 1 Unpack the Reach fixture, remove and discard the flat steel yoke.
- 2 Check the orientation of the Philips logo on the back to identify the bottom edge of the Reach Fixture, then lay the Reach carefully on its back.

For the 4700.TD and 4700.TX kits, it will be easier to set the reach on a workbench, with the bottom edge extending 6" (15cm) over the edge.

- 3 Lay the Accessory Holder on the Reach fixture, and align the mounting holes with the threaded holes in the face of the Reach.

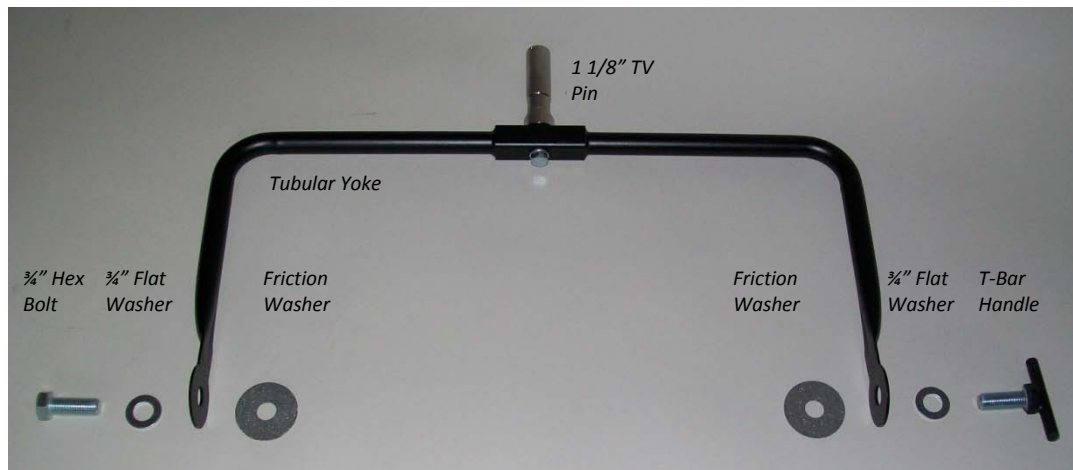
Check that the flat base of the accessory holder lines up with the bottom edge of the fixture.

Using a screwgun with a Philips #2 bit, fix the accessory holder in place with the countersunk #10 screws provided. Do not overtighten.



Tip: Occasionally, the two halves of the Reach fixture may be slightly out of alignment. This may prevent the accessory holder from lining up correctly. Using a 5/32" hex head screwdriver bit, loosen all the Allen-headed mounting screws on the front of the fixture, re-align the front castings, and re-tighten securely. Then mount the accessory holder as described above.

- 4 Set the fixture on its base, and get ready to install the yoke. You will need a large adjustable wrench.



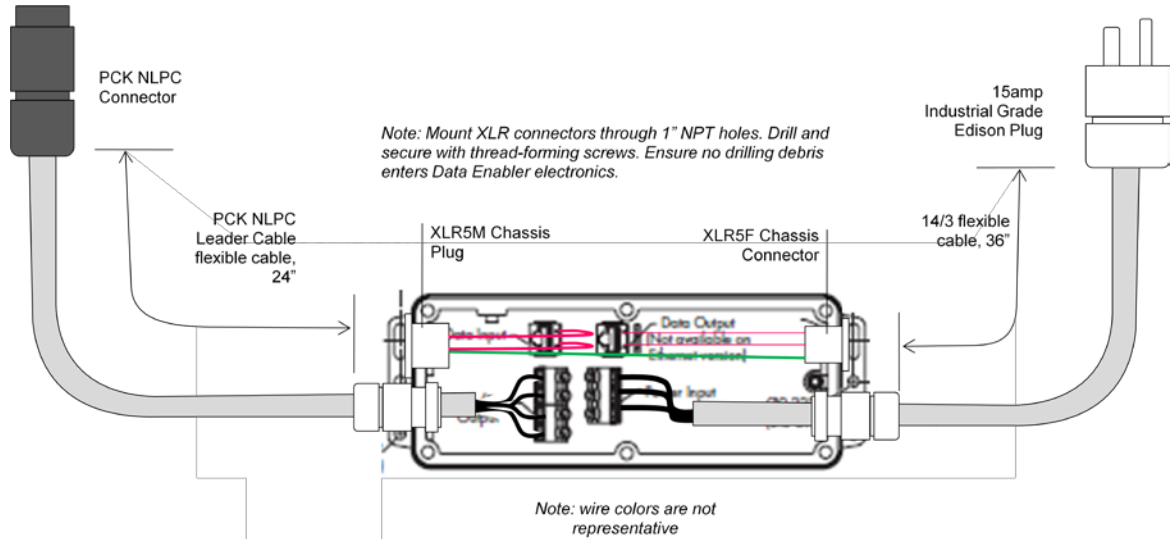
Lay out the Yoke assembly parts as shown. This is the view from the BACK of the fixture, with the T-bar handle on the right (assuming right-handed operators, with apologies to lefties everywhere).

Assemble in the order shown, taking care that the friction washers lie between the fixture body and the yoke.

Tighten the $\frac{3}{4}$ " Hex bolt until the yoke is semi-locked – it should require some effort to rotate. Then tighten the T-bar to lock.

- 5 4700.TR: Congratulations, you're done!
- 6 4700.TX: Connect the 4-pole NLPC plastic connector on the fixture pigtail to the mating connector on the back of the Reach fixture. Connect DMX control and AC power, following the instructions provided with the Reach fixture, and you're ready to go.

- 7 4700.TD: Wire the Data Enabler as required. We connect XLR5 Male and Female connectors for DMX, and a power and a fixture pigtail, but this is not mandatory. Use the following guide to do it our way:



For detailed wiring and addressing instructions, refer to the Philips Color Kinetics Data Enabler instruction sheet.

Using Accessories

There are two accessory slots on the Location accessory holders.

- The back slot is used only for the gel frame
- Use the front slot for egg crates, hats and barndoors
- Note that the egg crate nests inside the hats – so you can use them together in the front slot
- *Safety Alert: we strongly advise use of the safety wire to secure accessories in place*
- To remove accessories, release the safety wire clip, press the safety catch to clear the accessory, and slide out.



Using Spread Lenses



You can use Philips Color Kinetic Spread lenses along with any of the accessories. Aside from the egg crate and the gel frame, you don't need to remove the accessories to change lenses.

Slot the lens behind the bottom lip of the accessory holder, and press into place. Secure by flipping down the toggle lens retainer.

To remove the lens, lift the toggle, insert a finger behind the lens, and remove the lens.

Architectural Accessory Holders

Architectural accessory holders attach to the Reach fixture in the same way as location kits, except that the original Color Kinetics strap yoke is retained.

Architectural Accessory holders have only one accessory slot, and are not intended to be used with gel frames.

Architectural accessory holders feature a screw-down top plate, for permanent and secure accessory retention.

Using Architectural Accessory Holders with Color Kinetics Lens Holders

You may combine Tempest architectural accessories with Color Kinetics spread lenses and lens holders.

1. Mount the PCK lenses and secure in place with the waterproof lens plate castings available from Philips Color Kinetics.
2. Place the accessory holder over the face of the fixture, and remove the lens cover mounting screws under the accessory plate mounting holes.
3. Fix the accessory holder in place, using the #10 countersunk screws provided. Screw tightly in place to preserve the seal around the spread lenses.

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