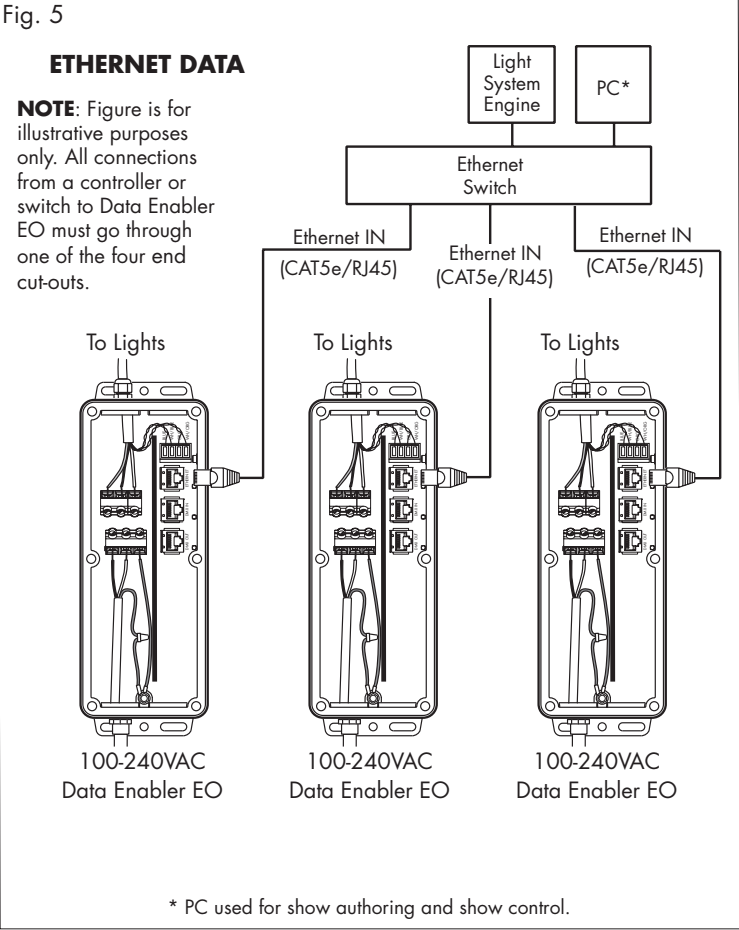


- Refer to the iColor Accent Powercore User Guide to determine maximum number of lights per Data Enabler EO and specific wiring requirements.

Connecting Data to the Data Enabler EO Ethernet

In an Ethernet application, the Data Enabler EO receives data from Color Kinetics Light System Manager (LSM) or Video System Manager (VSM). The LSM consists of Light System Composer software and Light System Engine hardware. A dedicated network and one or more Ethernet switches are required for your installation. (See Fig. 5.)



- Pull CAT 5E data cable, with RJ45 connectors, from the Ethernet switch into the Data Enabler EO. Secure cable with standard screw connection strain relief.
NOTE: For outdoor installation, use provided plugs to seal all unused conduit holes.
NOTE: For outdoor applications, pull data cable through outdoor rated conduit and ensure that the conduit connection is water-tight.
- Plug the data RJ45 connector into the Ethernet IN port.
NOTE: End-run Ethernet data to each Data Enabler EO. Ethernet cannot be daisy chained between Data Enablers. (See Fig. 5.)

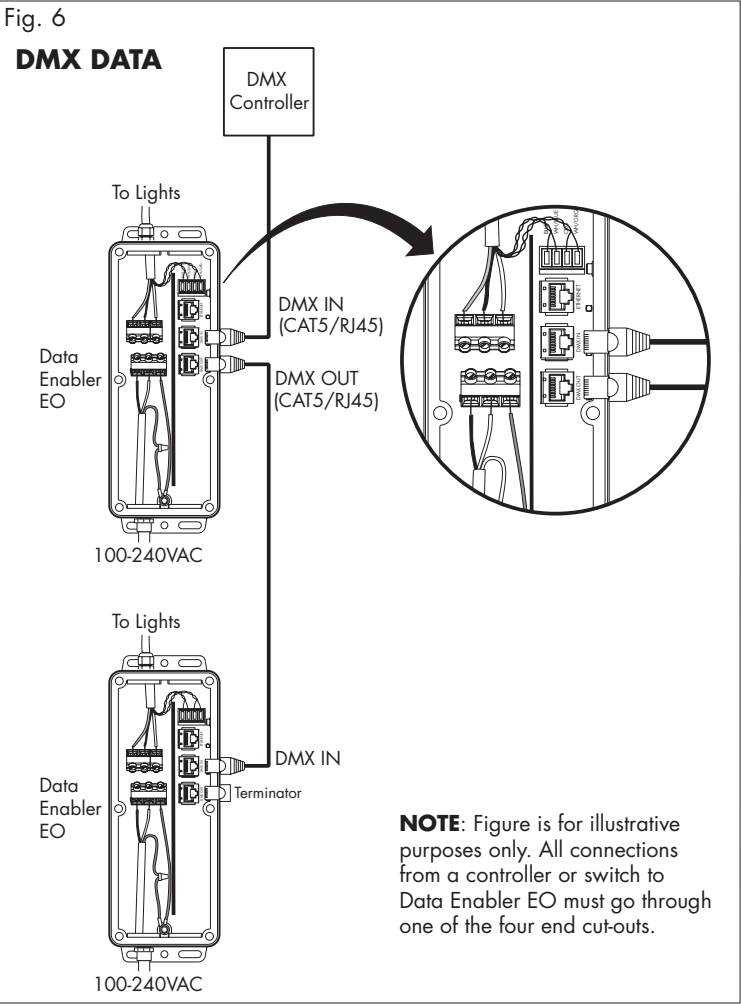
Mapping the Lights for Ethernet Applications

- Once the Data Enabler EO installation is complete, use the Color Kinetics Light System Manager to map the light installation.
- Light System Composer lets you query the Light System Engine to discover all Data Enabler EOs and lights attached.
- Once the Data Enabler EOs and lights have been mapped, then you are ready to begin designing shows. No addressing is required.

DMX

The Data Enabler EO for DMX receives data from a DMX controller.

- Pull CAT 5 data cable, with RJ45 connector, into the Data Enabler EO. Secure cable with standard screw connection strain relief.
NOTE: For outdoor applications, pull data cable through outdoor rated conduit and ensure that the conduit connection is water-tight.
- Plug the data RJ45 connector into the DMX IN port.
- To send data to another Data Enabler EO, connect a CAT5 cable between the DMX OUT port of the sending unit and the DMX IN port of the receiving unit. Plug a terminator into the DMX OUT port of the last power supply in a data chain. (See Fig. 6.)



Addressing the Lights

Refer to the iColor Accent Powercore User Guide for more information on setting DMX addresses.

Sealing the Data Enabler EO

- After all the power, lights, and data connections have been made, and all conduit holes are water-tight, replace the cover and attach with provided screws. Tighten screws to 8 to 10 in-lbs.
NOTE: Before attaching cover, ensure gasket is seated properly and that no wires are pinched.

DATA ENABLER EO SPECIFICATIONS

Power Output	100-240VAC, 50-60 Hz, 20A Max.
Power Input	100-240VAC, 50-60 Hz, 20A Max.
Power Consumption	10W
Heat Dissipation	10W Max.
Ambient Temp	-4°F to 122°F (-20°C to 50°C)
Packaging	NEMA 4, suitable for wet locations 9.7" X 3.5" X 3.2" (24.6 cm X 8.9 cm X 8.1 cm)
Connectors	Power In: 3-wire terminal block connector Power Out: 3-wire terminal block connector Data Out: 4-wire terminal block connector
Data Input Interface	ETHERNET: Color Kinetics Light System Manager, Color Kinetics Video System Manager DMX: Color Kinetics DMX controllers or DMX512 compatible
Protection Rating	IP66
Listings	UL/cUL, CE
Classification	Class 1

Warranty

This product is sold pursuant to CK’s Standard Terms and Conditions (the “T&Cs”) which may be found at <http://colorkinetics.com/how-tobuy/buy/terms> and which contain important provisions, including, among others, Limited Warranty, exclusions and limitations on CK’s liability for damages, and restrictions on the remedies that are available to you.