

# The Power of Illumination

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## QX7 Series Electronic LED Drivers with Bluetooth Mesh control For Constant Current LED Applications



The QX7 Series Electronic LED Drivers are specially engineered for today's connected lighting systems. QX drivers have built-in Bluetooth mesh control technology. The Qandim enhanced technology will allow users to control the drivers via smartphone app. Users can create networks of up to 24 fixtures that can be grouped into 5 groups or less. The free app will provide on-off function and flicker free dimming control. This secure system, does not require wifi and will save installation cost by eliminating field wiring of control wires and the cost of a separate dimming system. A premium app is also offered that allows users to set 8 scenes and 8 daily scheduled events on a network. Note: can have unlimited number of networks in a building. The app allows for guest users to have basic controls.

The QX7 Drivers are designed to operate with constant current LEDs with maximum output power of 24 watts. The output current can be field programmable from 300mA to 1000mA with operating voltage of 3 to 34VDC. Equipped with unique auto-sense technology these drivers will not overdrive LEDs. The QX drivers are offered in 2 formats: Hardwire enclosure with hole at each end for 1/2" MPT connectors; Compact remote mount enclosure with input with output leads.

### Network and app

- ✓ Controls by Qandim Bluetooth Mesh
- ✓ iPhone or Android app wireless control by Bluetooth Mesh technology
- ✓ Max devices per network: 24
- ✓ Max number of groups: 5
- ✓ Max number of devices per group: 6
- ✓ Functions: on - off
- ✓ Dimming range: 4% to 100%
- ✓ Master user and guest user logins

#### Premium app features:

- ✓ Max number of scenes: 8
- ✓ Scenes set for 1 group or 8 individual devices
- ✓ Schedules: 24 hr daily schedule of up to 8 events to call up scenes

### General Specifications

- ✓ Input: 120V 50/60 Hz
- ✓ Operating voltage: 3 to 34VDC
- ✓ Output current: Field programmable 250mA to 1000 mA (See chart)
- ✓ Maximum output power: 24W
- ✓ Input current at max power: 0.30A
- ✓ Class A isolation insulation system.
- ✓ Operating ambient temp: -20°C to 40°C
- ✓ Power factor >0.9; THD <34%
- ✓ Class 2 power supply
- ✓ Class A sound rating
- ✓ Suitable for dry and damp locations
- ✓ FCC 18 part C, non-consumer RF lighting devices

1-800-361-1400



## Ordering Information

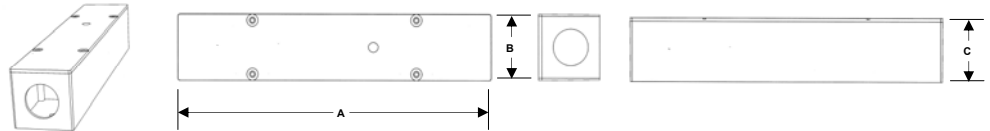
### 120 VAC

MODEL NO.	Max Output Voltage	Output Current Range	Agency	Max Input Current	Max Power	Enclosure Format	Color
QX7-1125-XW	34VDC	250 mA ~ 1000 mA	UL Listed	0.30A	24W	X	White
QX7-1125-XB	34VDC	250 mA ~ 1000 mA	UL Listed	0.30A	24W	X	Black
QX7-1125-LS	34VDC	250 mA ~ 1000 mA	UR	0.30A	24W	L (side wires)	White
QX7-1125-LC	34VDC	250 mA ~ 1000 mA	UR	0.30A	24W	L (bottom wires)	White

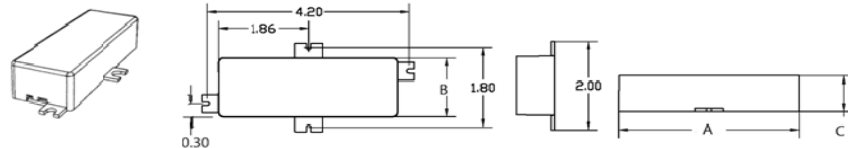
Note: Refer to output characteristic chart below for maximum output current versus maximum output voltage.

## Dimensions

Format X



Format L



Format	A	B	C
X	7.80"	1.54"	1.47"
L	3.74"	1.35"	0.80"

## Cabling Diagrams

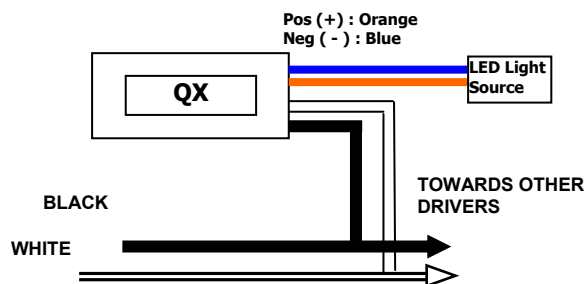
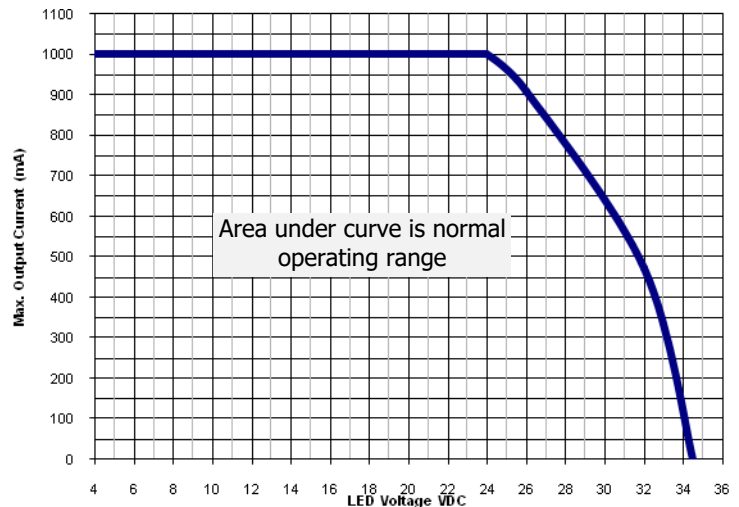


Chart1. Max. Output Current vs. LED Voltage



## Warranty

3 years from date of shipment

Scan QR Code to get Apps

Android



iOS



3570 Charter Park Drive, San Jose  
CA 95136, USA  
Tel.: (408) 269-7884; 1-800-361-1400  
Fax.: (408) 269-7638  
[www.bplust.com](http://www.bplust.com); [sales@bplust.com](mailto:sales@bplust.com)

For Qandim App info visit  
[www.qandim.com](http://www.qandim.com)