

## X96 Ketra Controller

- Used with Ketra's LS0 Lightbar Slim
- 96 W Class 2 power supply
- Clear Connect-Type X wireless communication for easy installation
- Mounts to standard 4 in x 4 in (101 mm x 101 mm) junction box
- Compatible in HomeWorks 21.6 or greater (HomeWorks QSX) and Athena systems (Coming in Phase 2)



## ORDERING GUIDE

Please download this PDF to use the interactive drop down features of the ordering guide.

<u>HW-</u>	<u>X96-</u>	<u>X-</u>	<u>J1</u>
Product Line	Model	System	Enclosure and Region

Order code: \_\_\_\_\_

<u>Product Line</u>	<u>Code</u>	<u>System</u>	<u>Code</u>	<u>Enclosure and Region</u>	<u>Code</u>
Commercial (Athena compatible)	<b>Coming in Phase 2</b>	Clear Connect-Type X (CCX)	<b>X-</b>	Junction Box North American (120/277 V~ 60 Hz)	<b>J1</b>
Residential (HomeWorks compatible)	<b>HW-</b>				
<u>Model</u>					
96 W Linear Controller	<b>X96-</b>				

## SPECIFICATIONS<sup>1</sup>

### Performance

Input Voltage	120/277 V~ 60 Hz
Output	21 V <sub>DC</sub> 4.6 A, 96 W (max) Class 2
Power Factor	>0.9
Input Current	0.92 A @ 120 V~ 0.40 A @ 277 V~
Thermal Dissipation	41 BTU/hr with full 96 W load

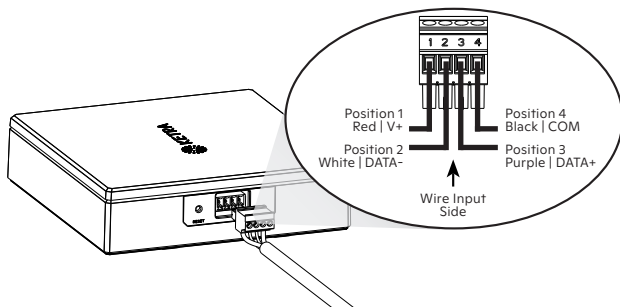
### Dimensions

Length	5 in (127 mm)
Width	5 in (127 mm)
Height	1.30 in (33 mm)
Weight	1 lb (0.45 kg)

### Environmental

Operating Temperature	0-40 °C (32 to 104 °F)
Storage Temperature	-20-80 °C (-4 to 176 °F)
Humidity	0-95%, Non-condensing
Location	UL Damp Location; not for use outdoors
Certification	UL, cUL, FCC Class A 277 V~, FCC Class B 120 V~

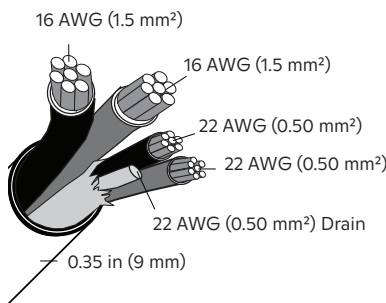
### CONNECTIONS



### Accessories and Connections

QS 4-conductor cable	<b>QSH-CBLP-M-500, QSH-CBL-M-500</b> Max. cable length 50 ft (15.24 m) with 16 AWG (1.5 mm <sup>2</sup> ) power conductors
LSO Linear	<b>Uniform Lens 250 lm/ft</b> Max. fixture length 15 ft (4.9 m) <b>(Coming in phase 2)</b> <b>Long Run 200 lm/ft</b> Max. fixture length 24 ft (7.3 m) <b>High Output 350 lm/ft</b> Max. fixture length 15 ft (4.9 m)
LSO Wire Adapter Pair	<b>UN-LSO-ADPT-1</b>
Total Run Length	<b>Max. cable length + max. fixture length</b>
Max. number of LSO linear	<b>8 fixture segments (per X96 power feed regardless of length)</b>
Wireless Communication	<b>Clear Connect-Type X.</b>

### QSH-CBL(P)-M-500 CABLE



- Four conductors:
  - Common – 16 AWG (1.5 mm<sup>2</sup>)
  - Power – 16 AWG (1.5 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.50 mm<sup>2</sup>)
  - MUX Data – 22 AWG (0.50 mm<sup>2</sup>)
- Total outer jacket diameter: 0.26 in (6.6 mm)
- Another 4 cable conductor with similar specification can be used.
- For complete cable specifications, refer to Lutron's datasheets 369596 (plenum) and 369597 (non-plenum)

**Important Note:** The X96 and the N3 satellite are not interchangeable. The N3 satellite cannot be used with an LSO linear and an X96 cannot be used with G2, L3I or L4R linears.

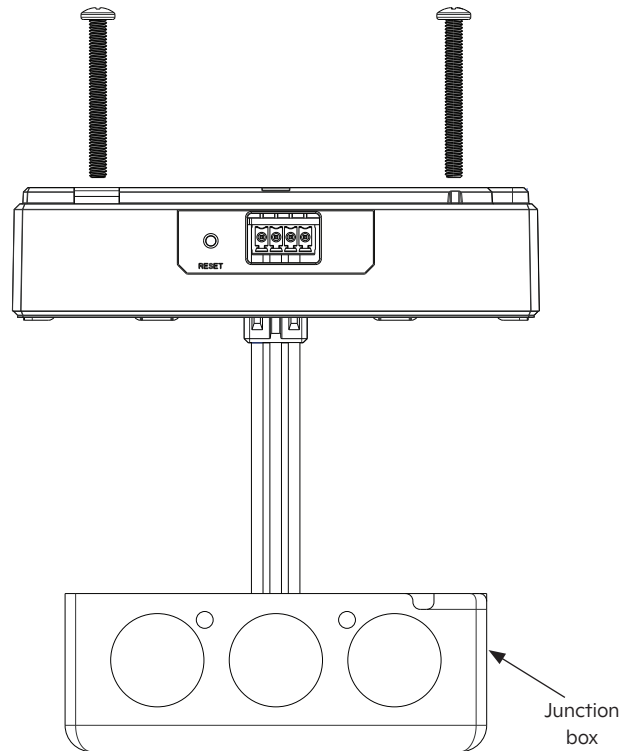
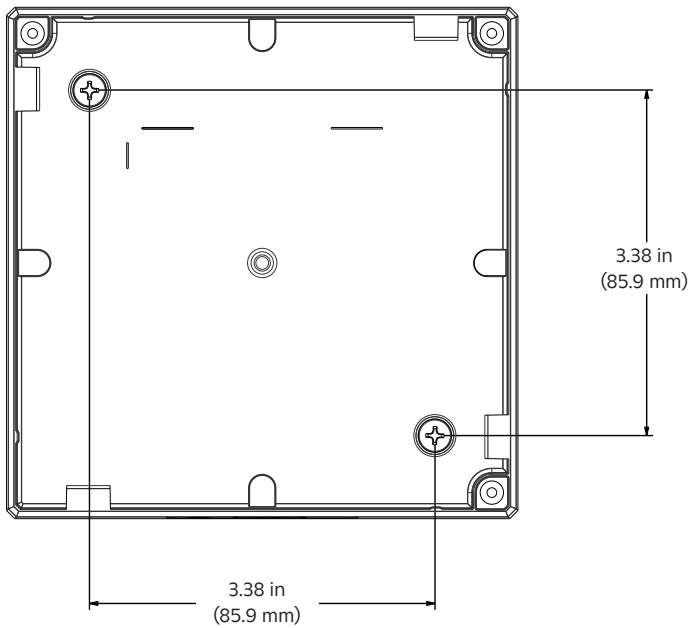
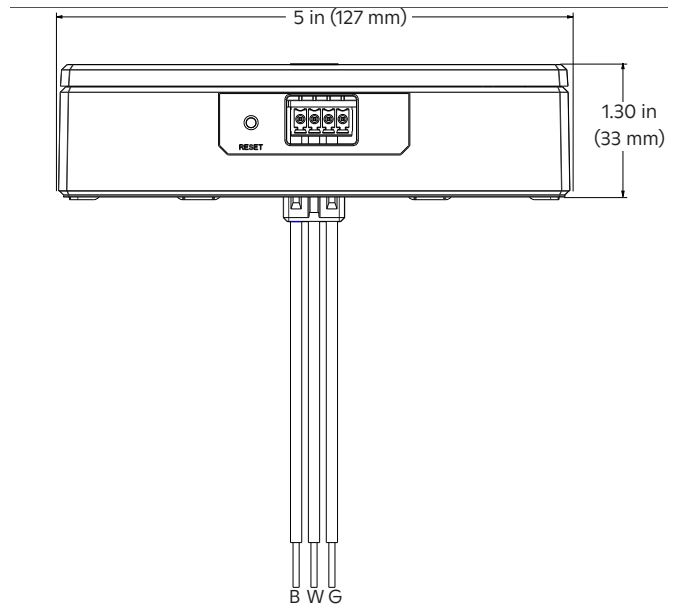
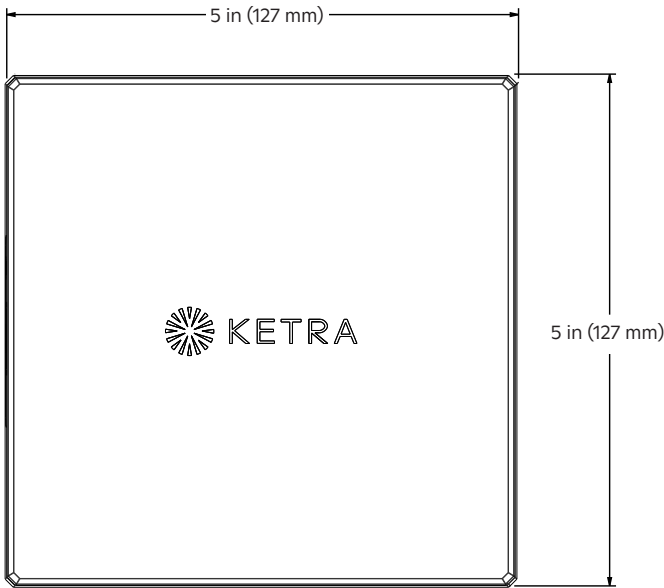
<sup>1</sup> Product includes on-board wireless radio for communications. Do not enclose in a metallic enclosure as it may impact radio performance.



# KETRA X96 CONTROLLER

P/N 3662483 Rev E  
Specifications are subject to change without notice

## PRODUCT DIMENSIONS



Mounts to standard 4 in x 4 in (101 mm x 101 mm) junction box. Junction box not included.



# KETRA

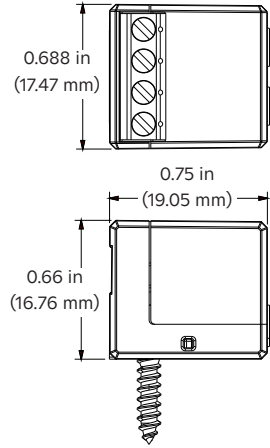
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### DIMENSIONS (cont.)

#### ADAPTER TYPE A

HW-X96-X-J1 ships with an Adapter Type A to connect to the first LS0 luminaire.



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