



# Lamp

TUNABLE WIRELESS LAMPS

Installation Guide



## Models

S30 PAR 30 Lamp

S38 PAR 38 Lamp

A20 Lamp

# WARNING

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Shock Hazard. May result in serious injury or death.

Turn power OFF at circuit breaker or remove fuse. Damage to this product caused by wiring with power on voids the warranty.

Due to the risk of electric shock, a licensed electrician should install this power supply unit in strict compliance with the National Electrical Code and any state or local code which may apply.

Maintain at least 6 ft (1.8 m) of spacing between any KetraNet Mesh product and Wi-Fi routers and access points.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

# Contents

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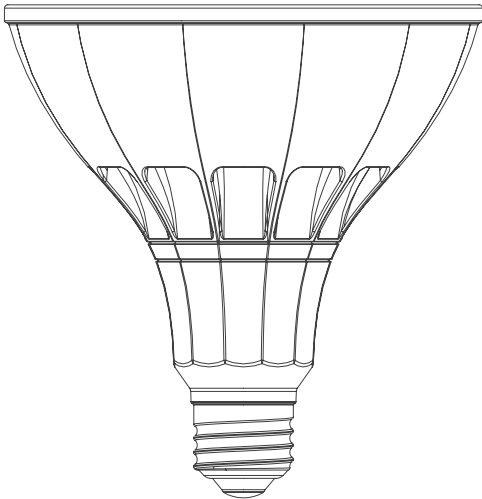
Product Overview	4
Dimension Drawings	5
Installation	6
Fixture Placement	6
Power	6
After Installation	7
Warranty & Tech Support	8

# Product Overview

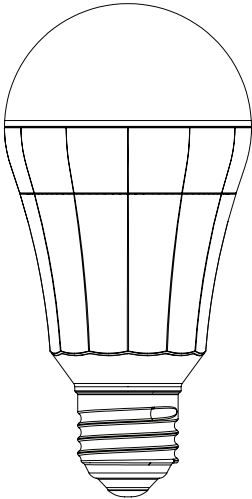
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Ketra’s Family of lamps are an all-encompassing LED solution with the ability to render 90+ CRI white light, saturated colors and pastels from a fully mixed, single point source.

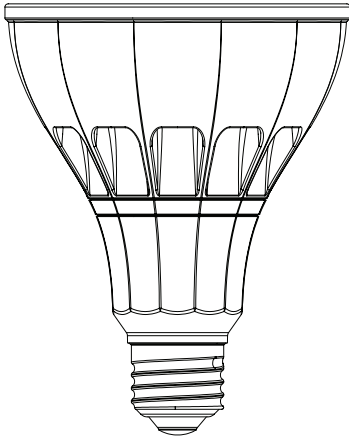
Ketra’s custom driver chip and optics incorporate closed-loop thermal and optical feedback, maintaining a factory-calibrated color point to one MacAdam ellipse over the product’s lifetime. Each lamp is wirelessly controlled and individually addressable through Ketra’s accompanying software.



S38 PAR 38 Longneck Lamp



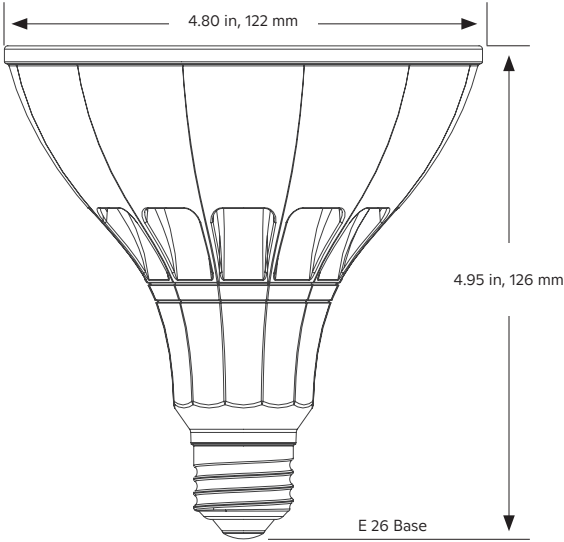
A20 Lamp



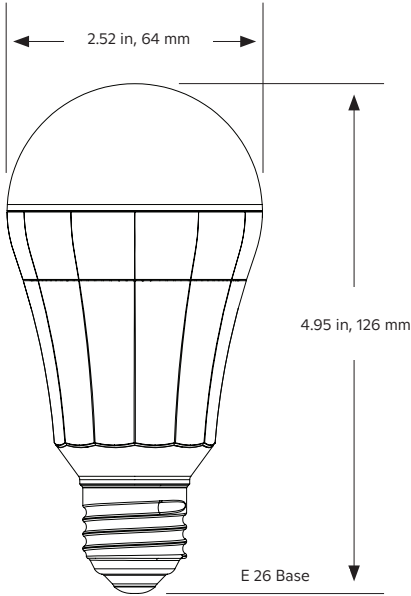
S30 PAR 30 Longneck Lamp

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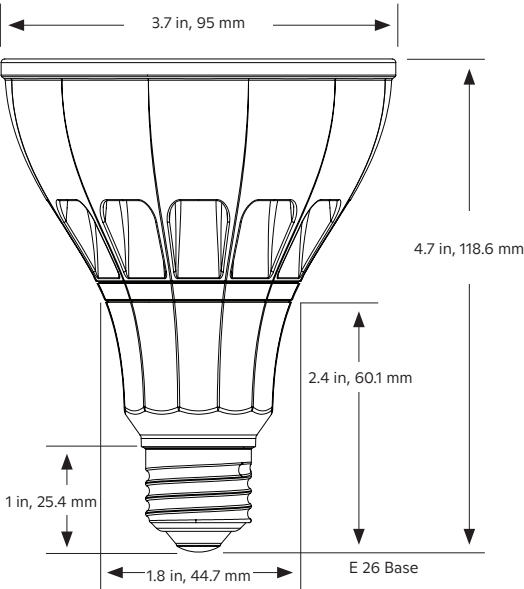
# Dimension Drawings



**S38 PAR 38 Longneck Lamp**  
fig. 1



**A20 Lamp**  
fig. 2



**S30 PAR 30 Longneck Lamp**  
fig. 3

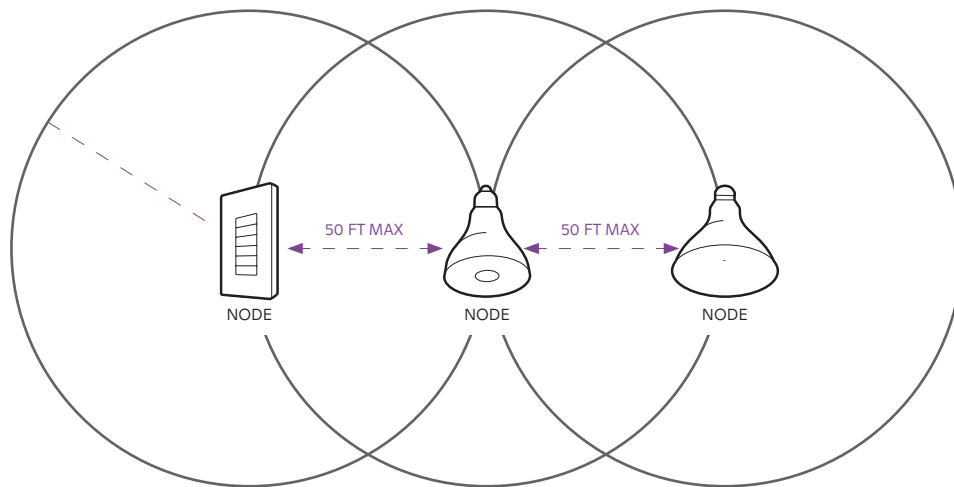
# Installation

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## Fixture Placement

For ideal KetraNet Mesh wireless performance, position the Lamp according to these guidelines:

- **Keep within range:** Place the Lamp within 50 ft (15.24 m) of at least one or more KetraNet Mesh enabled device in its network.
- **Avoid obstructions:** Avoid having metal obstructions or walls between the Lamp and the nearest device.
- **Avoid metal enclosures.**
- **Separate from Wi-Fi devices:** Maintain at least 6 ft (1.8 m) of spacing between any KetraNet Mesh product and Wi-Fi routers and access points.



50 nodes max per N4

**Note: Ketra lighting products should not be connected to, or directly controlled by, AC mains line voltage dimmers.\*** Ketra's lighting products should only be controlled via our digital control architecture. Please refer to our controls products installation guides for more information.

## Power

The S30, S38, and A20 all require 120 V $\ominus$  60 Hz.

\* Ketra's lighting products should only be controlled via our digital control architecture. Please refer to our controls products installation guides for more information.

### After Installation

Ketra lamps power on to a warm white color. They are not controllable until being commissioned in Ketra's Design Studio software. Commissioning requires at least one Ketra N4 Hub connected to a DHCP-enabled router. For manuals and installation guides, see the Design Studio product page and the N4 Hub product page on our website.

**Design Studio** product page

**N4 Hub** product page

# Warranty & Tech Support

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Limited warranty terms can be found at:

[www.ketra.com/warranty](http://www.ketra.com/warranty)

For questions and technical support please contact:

**(844) 588-6445**

**[ketrasupport@lutron.com](mailto:ketrasupport@lutron.com)**

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