KETRA

Lamp

TUNABLE WIRELESS LAMPS

Installation Guide

Models

S30 PAR 30 Lamp

S38 PAR 38 Lamp

A20 Lamp

⚠ Warning

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.

FCC/ IC Information:
This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation. Modifications not expressly approved by Lutron Electronics Co., Inc. could void the user's authority to operate this equipment.

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 Class B digital apparatus complies with Canadian ICES-003.

Information de la FCC/ IC :
Ce dispositif est conforme à la section 15 des règlements du FCC et des standards CNR exempt de licence d'Industrie Canada. L'opération est sous réserve des deux conditions suivantes :
(1) Cet appareil ne peut causer d'interférence nuisible, et
(2) Cet appareil doit tolérer toute interférence, même celle pouvant affecter son fonctionnement. Tout changement ou modification sans l'autorisation expresse de Lutron Electronics Co., Inc. pourrait annuler le droit d'utiliser cet équipement.

REMARQUE : Cet équipement a été testé et jugé conforme aux limites applicables aux dispositifs numériques Classe B, conformément à la section 15 des régles de la FCC. Ces limites sont conçues pour procurer une protection raisonnable contre les perturbations nuisibles en application résidentielle. Cet équipement génère, utilise et peut radier l'énergie de fréquences radiophoniques. S'il n'est pas installé et utilisé selon les directives, peut causer des interférences radiophoniques nuisibles. Cependant, il n'y a aucune garantie qu'aucune interférence ne se produira dans une installation précise. Si votre équipement produit de l'interférence à la réception radiophonique ou télévisuelle, ce qui peut être détecté en coupant et refermant l'alimentation au système d'éclairage. Dans le cas d'interférence, l'utilisateur sera contraint d'essayer de corriger la situation par un ou plusieurs des moyens suivants ::

- Réorienter ou re-localiser l'antenne de réception
- Augmenter la distance séparant l'équipement et le récepteur
- Brancher l'équipement sur un circuit différent que celui sur lequel le récepteur est branché
- Demander l'aide du distributeur ou d'un technicien expérimenté en radio et télévision

Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

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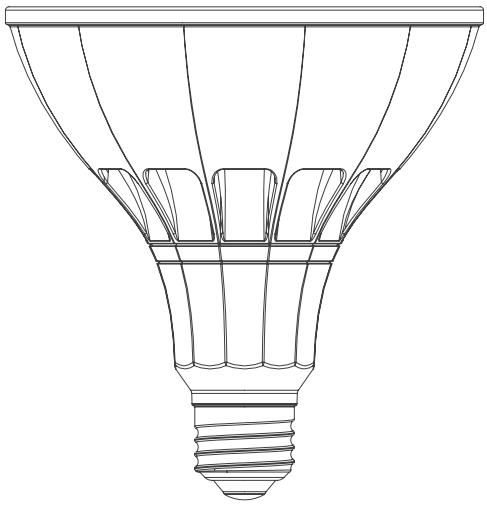
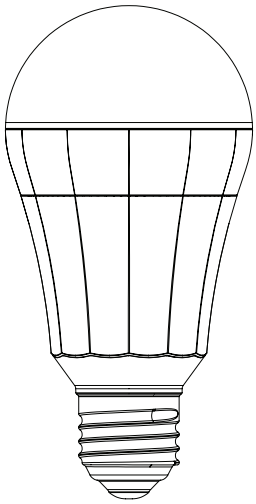
Product Overview

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.

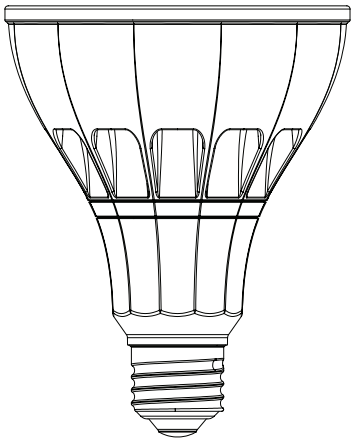
Ketra's custom driver chip and optics incorporate closed-loop thermal and optical feedback, maintaining a factory-calibrated color point to one MacAdam ellipse over the product's lifetime. Each lamp is wirelessly controlled and individually addressable through Ketra's accompanying software.



S38 PAR 38 Longneck Lamp



A20 Lamp



S30 PAR 30 Longneck Lamp

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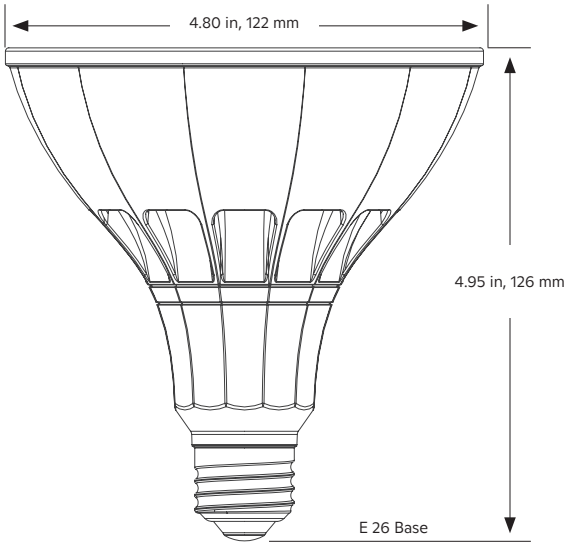
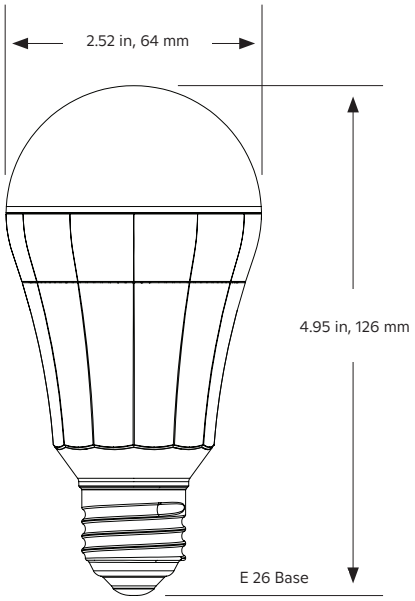
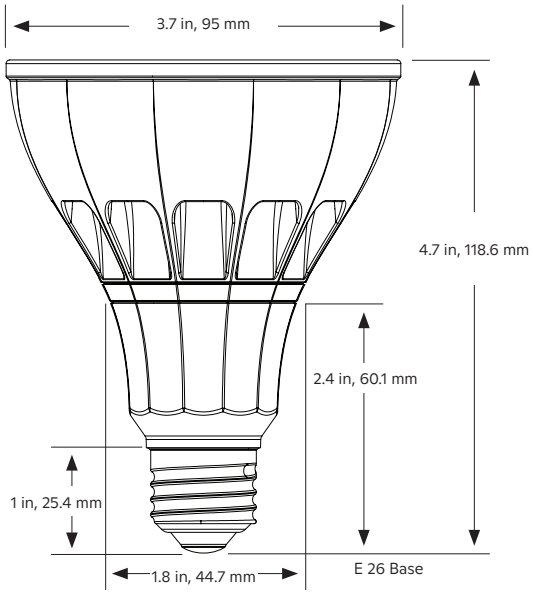
Dimension Drawings



S38 PAR 38 Longneck Lamp
fig. 1



A20 Lamp
fig. 2



S30 PAR 30 Longneck Lamp
fig. 3

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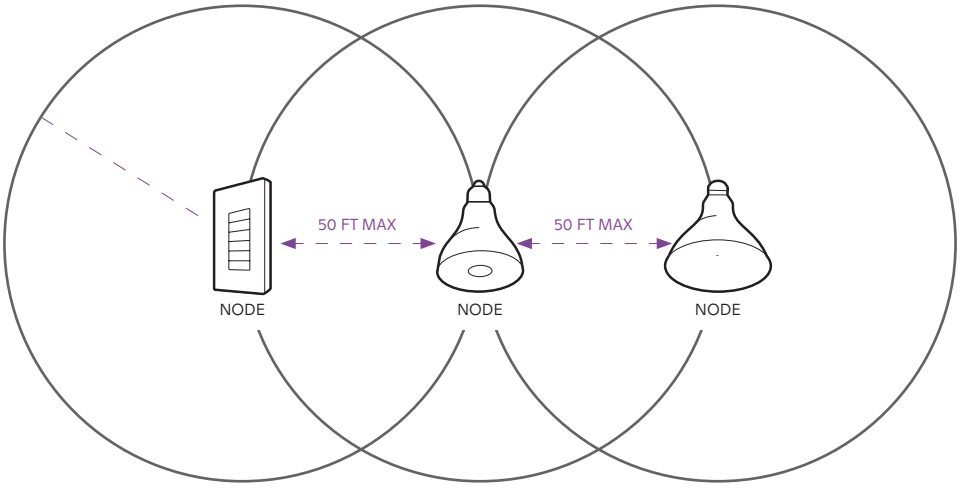
Installation

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~ 60 Hz.

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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

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Warranty & Tech Support

Limited warranty terms can be found at:

www.ketra.com/warranty

For questions and technical support please contact:

(844) 588-6445

ketrasupport@lutron.com

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