



PUCK LIGHT installation guide

January 2019

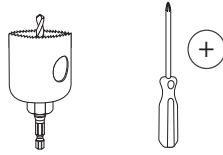
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L-PS-FR-3BK-30

Tools Needed



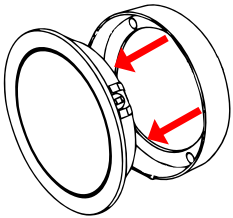
Pearl Series Puck Light

Part Number	Description and Use	Dimensions
L-PS-FR-3Color-Temp	Puck Light for Recess or Surface Mount	2-3/4" x 5/8"

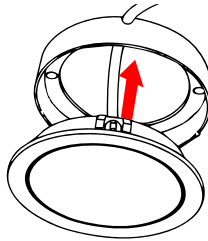
NOTE

Dimmable with Task Lighting Wireless Control System or the Dimmable Power Supplies used with compatible wall dimmers. See pages 20-23 for wiring power supply to puck light.

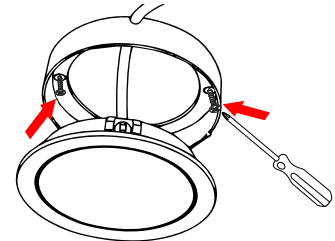
Surface Mount



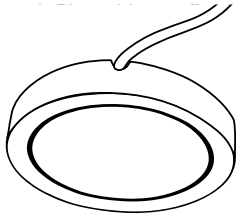
1. Remove Puck Light from housing by grasping the trim and firmly pulling.



2. Route fixture wires through center of housing toward power supply location; position wires in housing notch.

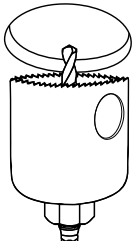


3. Secure housing to mounting surface with 2 screws, included.

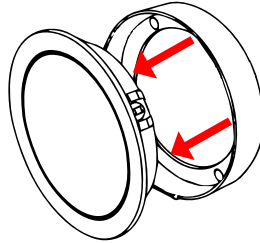


4. Snap Puck trim into housing.

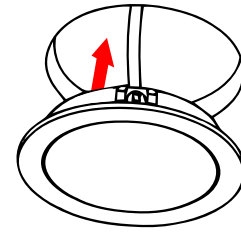
Recess Mount



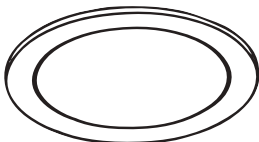
1. Use a hole saw and cut a 2-1/2" hole through mounting surface.



2. Remove Puck Light from housing by grasping the trim and firmly pulling.



3. Route fixture wires through the hole toward power supply location.

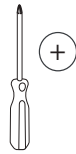


4. Snap Puck trim into the hole.



L-UT-FR-SN-30

Tools Needed



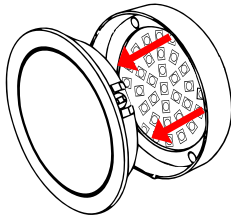
Vivid Ultra Thin Series Puck Light

Part Number	Description and Use	Dimensions
L-UT-FR-SN-Temp	Ultra Thin Puck Light for Surface Mount	2-5/8" x 1/4"

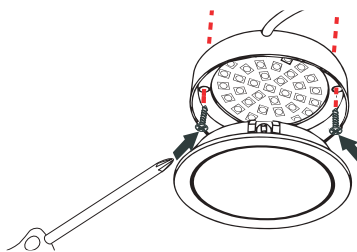
NOTE

Dimmable with Task Lighting Wireless Control System or the Dimmable Power Supplies used with compatible wall dimmers. See pages 20-23 for wiring power supply to puck light.

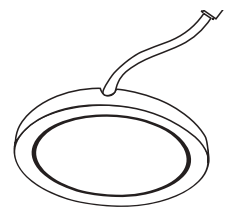
Surface Mount



1. Remove Puck Light from housing by grasping the trim and firmly pulling.



2. Secure Puck Light to surface with 2 screws, included.

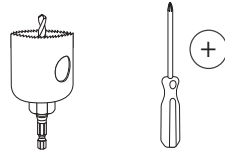


3. Snap lens back into place.



L-MR-CL-1BA-30

Tools Needed



Mini Round Series Puck Light

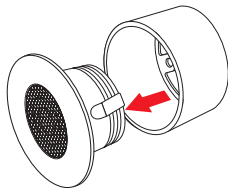
Part Number	Description and Use	Dimensions
L-MR-CL-1BA-Temp	Mini Round Puck Light for Surface or Recess Mount	1-3/16" x 7/8"

NOTE

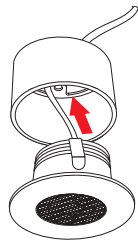
Mini Round Puck Lights are **NOT DIMMABLE**

See pages 20-23 for wiring power supply to puck light.

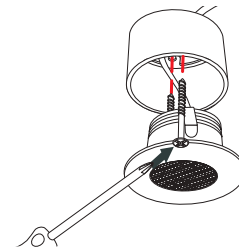
Surface Mount



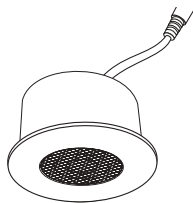
1. Remove Mini Puck Light from housing by grasping the trim and firmly pulling.



2. Route fixture wires through center of housing toward power supply location; position wires in housing notch.

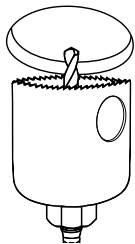


3. Secure housing to mounting surface with 2 screws, included.

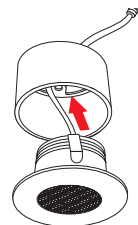


4. Snap Mini Puck trim into housing.

Recess Mount



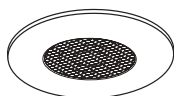
1. Use a hole saw and cut a 1-3/16" hole through mounting surface.



2. Remove Mini Puck Light from housing by grasping the trim and firmly pulling.



3. Route fixture wires through the hole toward power supply location.

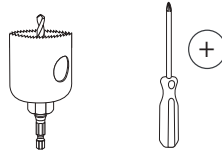


4. Snap Mini Puck trim into the hole.



L-MS-CL-1BA-30

Tools Needed



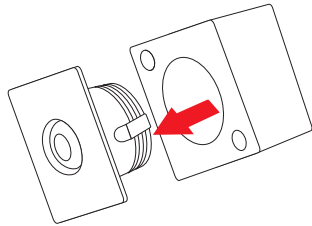
Mini Square Series Puck Light

Part Number	Description and Use	Dimensions
L-MS-CL-1BA-Temp	Mini Square Puck Light for Surface or Recess Mount	1-1/4" x 7/8"

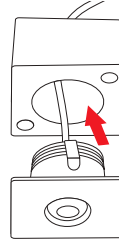
NOTE

Mini Square Puck Lights are **NOT DIMMABLE**
See pages 20-23 for wiring power supply to puck light.

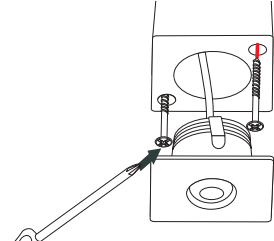
Surface Mount



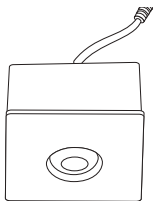
1. Remove Mini Puck Light from housing by grasping the trim and firmly pulling.



2. Route fixture wires through center of housing toward power supply location; position wires in housing notch.

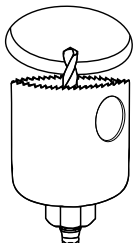


3. Secure housing to mounting surface with 2 screws, included.

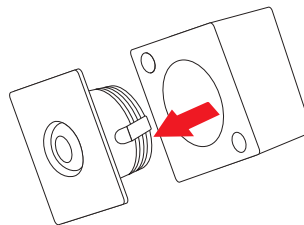


4. Snap Mini Puck trim into housing.

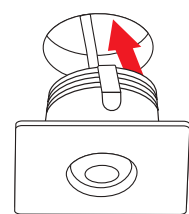
Recess Mount



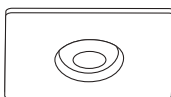
1. Use a hole saw and cut a 1-3/16" hole through mounting surface.



2. Remove Mini Puck Light from housing by grasping the trim and firmly pulling.



3. Route fixture wires through the hole toward power supply location.



4. Snap Mini Puck trim into the hole.



T-12W-12V-PI



T-24W-12V-PI



T-36W-12V-PI



T-60W-12V-PI



T-96W-12V-PI



T-120W-12V-PI

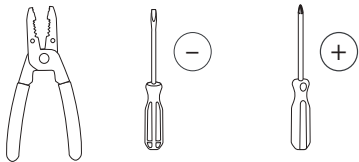
Power Supplies – Constant Voltage

Part Number	Description and Use	Dimensions
T-12W-12V-PI	12W AC/DC 2 prong plug-in, 12V DC 1 amp	2-15/16" x 1-3/16" x 1-13/16"
T-24W-12V-PI	24W AC/DC 2 prong plug-in, 12V DC 2 amp	3-11/16" x 1-7/8" x 1-5/16"
T-36W-12V-PI	36W AC/DC 2 prong plug-in, 12V DC 3 amp	3-3/4" x 2" x 1-5/16"
T-60W-12V-PI	60W AC/DC 2 prong plug-in, 12V DC 5 amp	5-1/8" x 2-1/16" x 1-1/4"
T-96W-12V-PI	96W AC/DC 3 prong plug-in, 12V DC 10 amp	5-1/2" x 2-3/8" x 1-3/8"
T-120W-12V-PI	120W AC/DC 3 prong plug-in, 12V DC 10 amp	6-3/8" x 2-11/16" x 1-1/4"

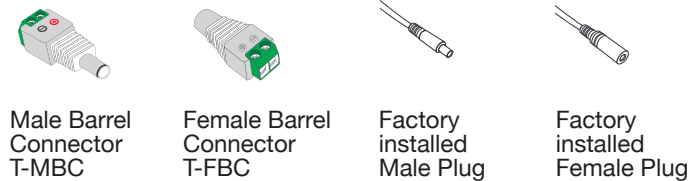
NOTE

- **DO NOT** connect low-voltage LED tape light to high-voltage power.
- Power Supply **cannot be dimmed** on the 120V AC side.
- For wireless switching, use low voltage controls on the 12V DC controls on the Power Supply (see pages 24-45)
- Install in an accessible, well-ventilated area such as sink base or on top of cabinet. For best operation, do not locate in an attic or other area of high ambient temperature.

Tools Needed



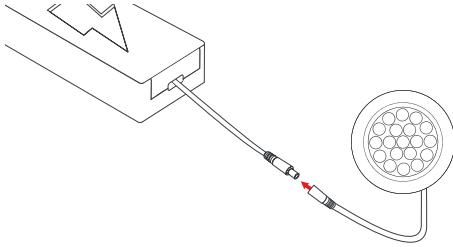
Product Legend



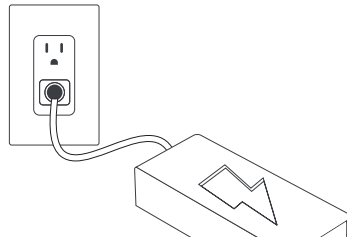
Plug-In Power Supply to Puck Light

Provide receptacle for Plug-in Power Supply or use existing outlet behind the microwave, refrigerator, dishwasher, or under the sink. If using our in-line low voltage switches, sensors, or Wireless Control systems, see instructions packaged with the components.

Direct Connection

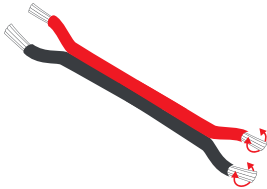


2. Insert Male Plug on power supply into Female Plug on Puck Light.

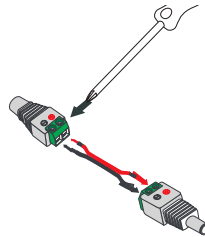


3. Plug power supply into switched outlet and turn on Puck Light.

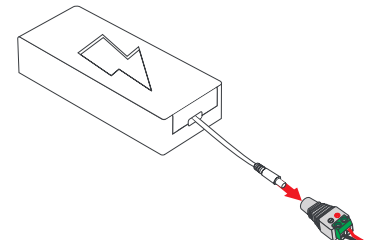
Remote Connection



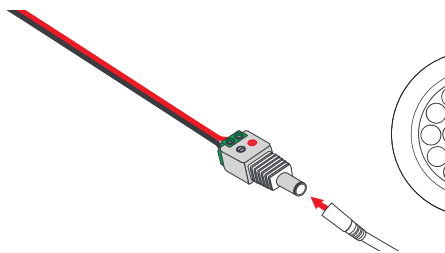
2. Cut length of wire to run from Power Supply to the installation location of the LED Puck Light. Strip 1/4" from both ends of wire, twist, and fold stripped wire section in half.



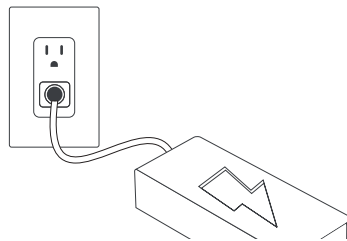
3. Insert one end of stripped wires into the terminals of a Female Barrel Connector, Red wire to (+), Black wire to (-), tighten screws. Repeat process with the other end of the wire and a Male Barrel Connector.



4. Insert Male Plug on power supply into Female Barrel Connector.



5. Insert Male Barrel Connector into Female Plug on puck light.



6. Plug power supply into a switched outlet and turn on puck light.

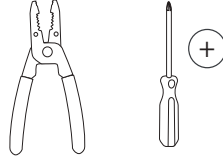


T-60W-12-WP-HW



T-150W-12-WP-HW

Tools Needed



Product Legend



Male Barrel Connector
T-MBC



Factory installed
Female Plug

Power Supplies – IP67 rated waterproof

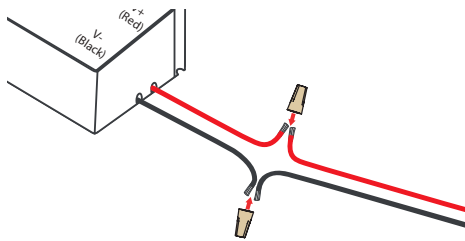
Part Number	Description and Use	Dimensions
T-60W-12-WP-HW	60W 12V – IP67 rated waterproof LED hardwired	6-1/2" x 1-5/8" x 1-1/4"
T-150W-12-WP-HW	150W 12V – IP67 rated waterproof LED hardwired	7-3/8" x 2-3/8" x 1-1/2"

NOTE

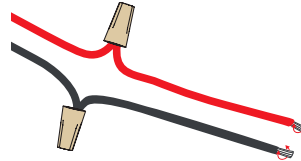
- **DO NOT** connect low-voltage LED tape light to high-voltage power.
- Install in accordance with NEC and local regulations.
- Make all 120V AC connections inside UL Listed junction box
- Power Supply **cannot be dimmed** on the 120V AC side.
- For wireless switching, use low voltage controls on the 12V DC controls on the Power Supply (see pages 24-45)
- Install in an accessible, well-ventilated area such as sink base or on top of cabinet. For best operation, do not locate in an attic or other area of high ambient temperature.

Wiring Puck Light to *Hardwired Waterproof* Power Supply

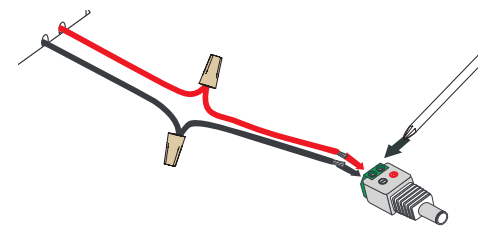
1. Wire 120V AC to hardwired waterproof power supply according to the accompanying instructions. Cut length of wire to run from power supply to the installation location of the LED Puck Light.



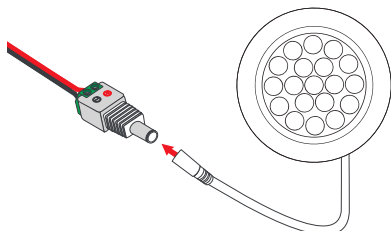
2. Strip 1/2" from one end of connection wire, use a wire nut to connect Red wires together and a second wire nut to connect Black wires.



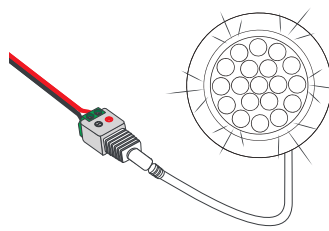
3. Strip 1/4" from the other end of connection wire, twist, and fold stripped wire section in half.



4. Insert wires into the terminals of a Male Barrel Connector, Red wire to (+), Black wire to (-).



5. Insert Male Barrel Connector into Female Plug on Puck Light



6. Turn on 120V AC power to Power Supply and switch lights on.



T-DT24W-12V-HW



T-DT48W-12V-HW



T-DT60W-12V-HW



T-DT120W-12V-HW

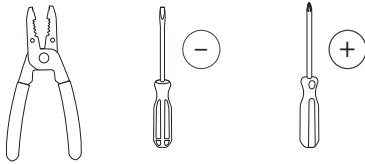
Power Supplies – Dimmable –for puck lights

Part Number	Description and Use	Dimensions
T-DT24W-12V-HW	24W 12V DC dimmable class 2 LED hardwired	13-3/4" x 3" x 1-5/8"
T-DT48W-12V-HW	48W 12V DC dimmable class 2 LED hardwired	13-3/4" x 3" x 1-5/8"
T-DT60W-12V-HW	60W 12V DC dimmable class 2 LED hardwired	13-3/4" x 3" x 1-5/8"
T-DT120W-12V-HW	120W 12V DC dimmable LED hardwired	15" x 3-1/8" x 2-1/2"

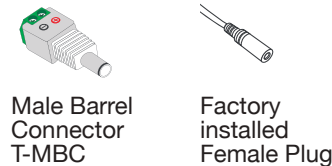
NOTE

- **DO NOT** connect low-voltage LED tape light to high-voltage power.
- Install in accordance with NEC and local regulations.
- Make all 120V AC connections inside UL Listed junction box
- Compatible with 120V magnetic low voltage dimmer switch
- NOT Compatible with the following dimmers, switches, or sensors: T-Q-1Z-WC-RF, T-Q-2Z-WC-RF, T-Q-4Z-WC-RF, T-1Z-MR-RF, T-PSS-60W-IR, T-DSS-30W-IR, T-TDS-60W, and T-MSS-60W
- NOT Compatible with RGB Inferno Series Multi-Color LED Tape Light
- Install in an accessible, well-ventilated area such as sink base or on top of cabinet. For best operation, do not locate in an attic or other area of high ambient temperature.

Tools Needed

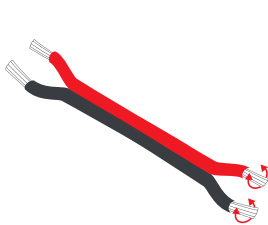


Product Legend

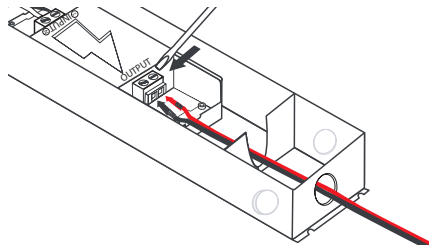


Wiring Puck Light to *Hardwired Dimmable Power Supply*

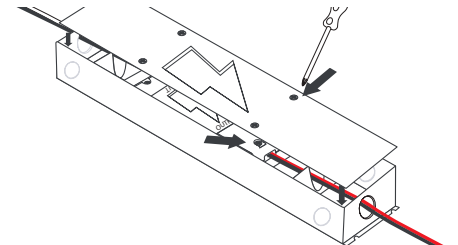
1. Wire 120V AC to hardwired dimmable power supply according to the accompanying instructions.



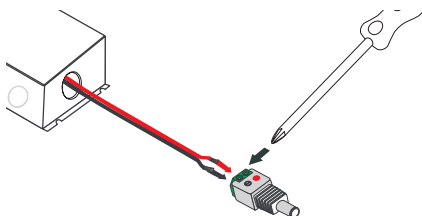
2. Cut length of wire to run from Power Supply to the installation location of the LED Puck Light. Strip 1/4" from both ends of wire, twist, and fold stripped wire section in half.



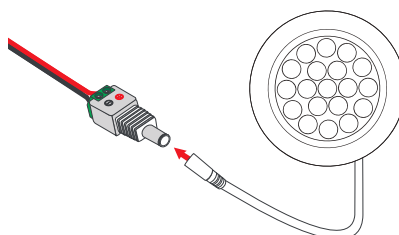
3. Loosen screws and insert wires into **Output** terminals on power supply, Red wire to V(+), Black wire to V(-), tighten screws. Replace cover.



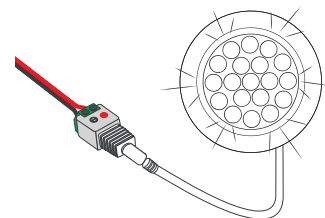
4. Position port covers back in place and tighten screws. Replace lid on junction box and tighten the 4 screws.



5. Loosen screws on Male Barrel Connector, insert other end of wire into the terminals, Red to (+), Black to (-), tighten screws.



6. Insert Male Barrel Connector into Female Plug on Puck Light



7. Turn on 120V AC power to Power Supply and switch lights on.